

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059419.D
 Acq On : 27 Nov 2019 13:01
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:08:43 AM

Quant Time: Nov 27 16:47:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:27:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	367663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	575355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	498480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209143	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	21727	5.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.08%	
35) Dibromofluoromethane	7.57	113	17056	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	
50) Toluene-d8	10.08	98	68902	4.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.86%	
62) 4-Bromofluorobenzene	12.40	95	21695	4.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	20821	4.812	ug/l	98
3) Chloromethane	2.04	50	26302	4.976	ug/l	99
4) Vinyl Chloride	2.17	62	25511	5.022	ug/l	97
5) Bromomethane	2.55	94	16445	5.377	ug/l	98
6) Chloroethane	2.68	64	14718	5.168	ug/l	94
7) Trichlorofluoromethane	3.00	101	30795	5.090	ug/l	97
8) Diethyl Ether	3.39	74	12930	5.251	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	19212	5.156	ug/l	99
10) Methyl Iodide	3.93	142	20503	4.227	ug/l	99
11) Tert butyl alcohol	4.75	59	18342	24.584	ug/l #	92
12) 1,1-Dichloroethene	3.71	96	18270	5.007	ug/l	97
13) Acrolein	3.58	56	17882	24.553	ug/l	100
14) Allyl chloride	4.30	41	34837	5.147	ug/l	97
15) Acrylonitrile	4.96	53	52972	25.480	ug/l	99
16) Acetone	3.79	43	51077	24.894	ug/l	99
17) Carbon Disulfide	4.03	76	61488	4.910	ug/l	99
18) Methyl Acetate	4.30	43	29286	5.241	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	59284	5.041	ug/l	96
20) Methylene Chloride	4.52	84	22690	5.443	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	20345	5.117	ug/l	91
22) Diisopropyl ether	5.92	45	63649	5.061	ug/l #	90
23) Vinyl Acetate	5.87	43	254484	25.081	ug/l	98
24) 1,1-Dichloroethane	5.82	63	37710	5.211	ug/l	98
25) 2-Butanone	6.81	43	69962	24.787	ug/l	99
26) 2,2-Dichloropropane	6.80	77	31985	5.194	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	22251	5.117	ug/l	97
28) Bromochloromethane	7.17	49	6846	2.738	ug/l #	100
29) Tetrahydrofuran	7.19	42	46596	24.822	ug/l	98
30) Chloroform	7.35	83	37246	5.115	ug/l	97
31) Cyclohexane	7.63	56	39924	5.503	ug/l #	82
32) 1,1,1-Trichloroethane	7.55	97	30351	5.097	ug/l	98
36) 1,1-Dichloropropene	7.77	75	28413	5.135	ug/l	98
37) Ethyl Acetate	6.91	43	30312	5.178	ug/l #	95
38) Carbon Tetrachloride	7.75	117	26896	5.151	ug/l	99

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	33657	5.085	ug/l	98
40) Benzene	8.02	78	84984	5.173	ug/l	98
41) Methacrylonitrile	7.16	41	11371m	4.114	ug/l	
42) 1,2-Dichloroethane	8.10	62	26124	5.015	ug/l	98
43) Isopropyl Acetate	8.15	43	43761	4.921	ug/l #	92
44) Trichloroethene	8.82	130	20947	5.001	ug/l	98
45) 1,2-Dichloropropane	9.10	63	21969	5.113	ug/l	95
46) Dibromomethane	9.20	93	13426	5.063	ug/l	98
47) Bromodichloromethane	9.39	83	26619	4.963	ug/l	99
48) Methyl methacrylate	9.19	41	18267	4.630	ug/l	97
49) 1,4-Dioxane	9.19	88	5098	88.472	ug/l #	96
51) 4-Methyl-2-Pentanone	9.98	43	125435	24.317	ug/l	99
52) Toluene	10.15	92	49295	5.023	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	29503	4.787	ug/l	91
54) cis-1,3-Dichloropropene	9.83	75	32470	4.881	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	19095	4.971	ug/l	96
56) Ethyl methacrylate	10.42	69	24725	4.413	ug/l	95
57) 1,3-Dichloropropane	10.70	76	33639	5.066	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	36081	21.921	ug/l	99
59) 2-Hexanone	10.75	43	91281	23.865	ug/l	97
60) Dibromochloromethane	10.90	129	19406	4.839	ug/l	99
61) 1,2-Dibromoethane	11.00	107	19448	4.940	ug/l	100
64) Tetrachloroethene	10.63	164	19105	5.182	ug/l	97
65) Chlorobenzene	11.43	112	51401	5.093	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	18815	5.141	ug/l	96
67) Ethyl Benzene	11.51	91	89806	5.067	ug/l	99
68) m/p-Xylenes	11.62	106	64418	9.734	ug/l	96
69) o-Xylene	11.95	106	31555	4.972	ug/l	96
70) Styrene	11.96	104	45314	4.554	ug/l	98
71) Bromoform	12.13	173	13432	4.820	ug/l #	100
73) Isopropylbenzene	12.25	105	82493	5.324	ug/l	99
74) N-amyl acetate	12.07	43	27234	4.674	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	27510	5.445	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	25611m	5.301	ug/l	
77) Bromobenzene	12.53	156	20292	5.349	ug/l	98
78) n-propylbenzene	12.59	91	91366	5.117	ug/l	99
79) 2-Chlorotoluene	12.68	91	56049	5.251	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	68213	5.238	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	8776	4.766	ug/l	95
82) 4-Chlorotoluene	12.78	91	57647	5.244	ug/l	97
83) tert-Butylbenzene	12.99	119	59980	5.363	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	65562	5.139	ug/l	98
85) sec-Butylbenzene	13.17	105	78031	5.254	ug/l	100
86) p-Isopropyltoluene	13.29	119	66998	4.990	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	34262	5.097	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	33892	5.022	ug/l	93
89) n-Butylbenzene	13.62	91	55395	4.720	ug/l	100
90) Hexachloroethane	13.88	117	13725	5.349	ug/l	91
91) 1,2-Dichlorobenzene	13.66	146	33173	5.036	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	5493	4.787	ug/l	89

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MSVOA_N
ClientSampleId :
VSTDICC005

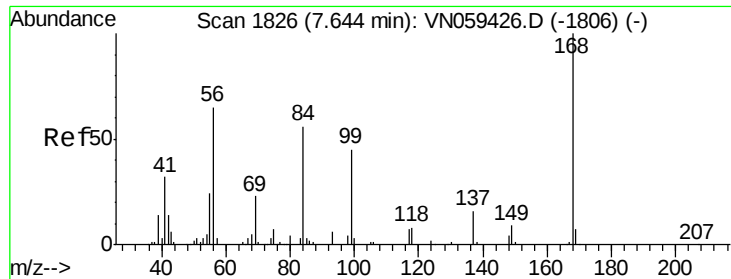
Manual Integrations
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12/2/2019 10:08:43 AM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	17057	4.166	ug/l	96
94) Hexachlorobutadiene	15.01	225	12884	5.134	ug/l	97
95) Naphthalene	15.13	128	43113	3.727	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	18434	4.227	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 367663

Ion Ratio Lower Upper

168 100

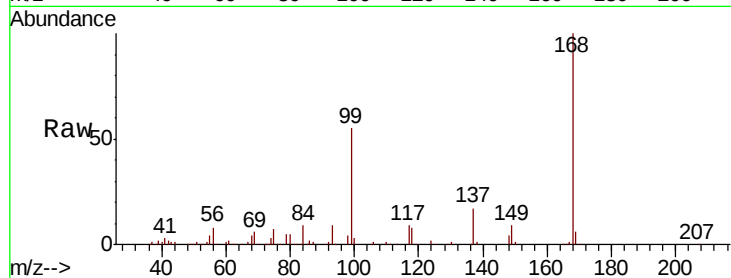
99 55.0 43.0 64.4

Manual Integrations

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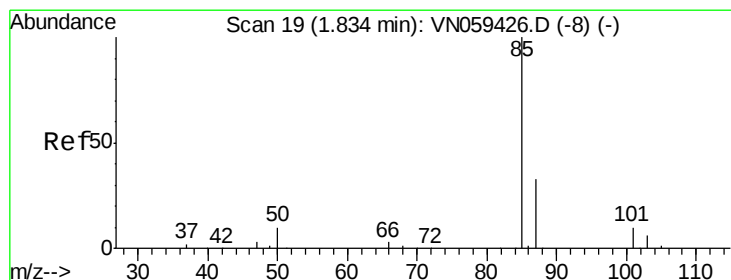
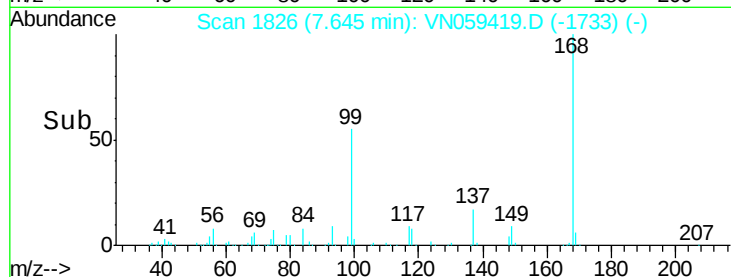
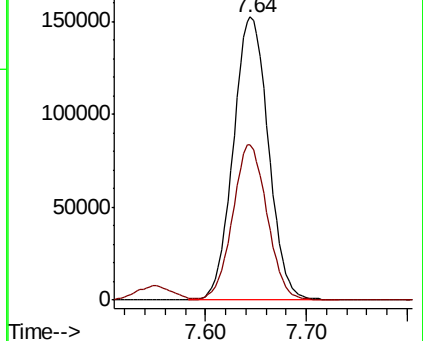
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNC



#2

Dichlorodifluoromethane

Concen: 4.812 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059419.D

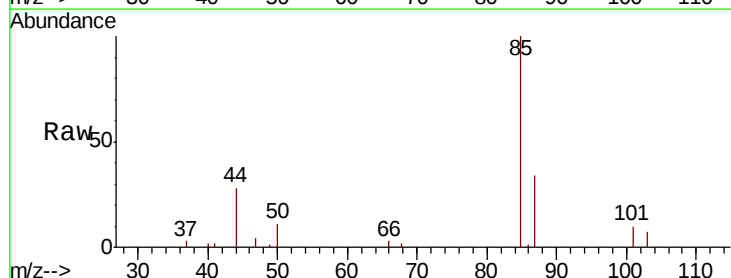
Acq: 27 Nov 2019 13:01

Tgt Ion: 85 Resp: 20821

Ion Ratio Lower Upper

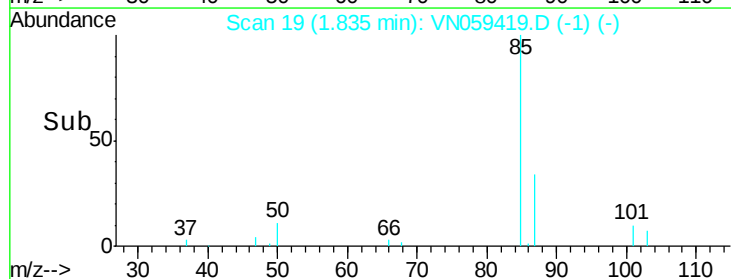
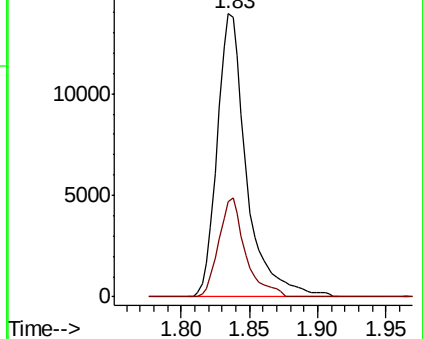
85 100

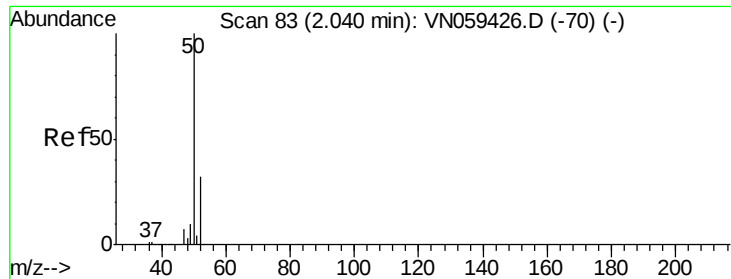
87 33.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNC

Ion 86.90 (86.60 to 87.60): VNC





#3

Chloromethane

Concen: 4.976 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 26302

Ion Ratio Lower Upper

50 100

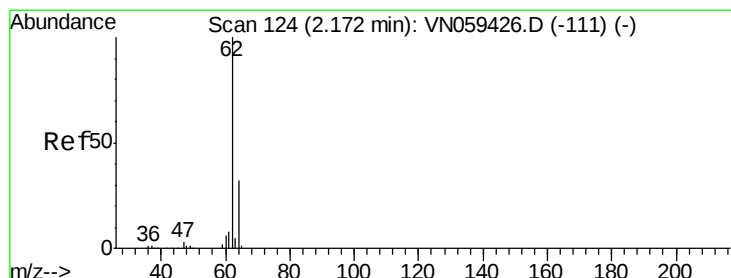
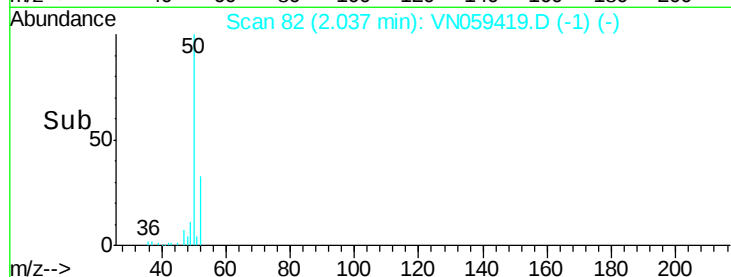
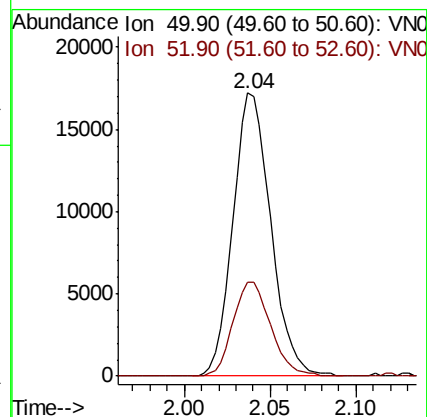
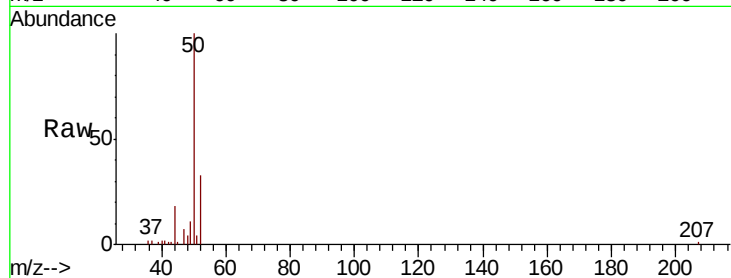
52 33.0 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.022 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059419.D

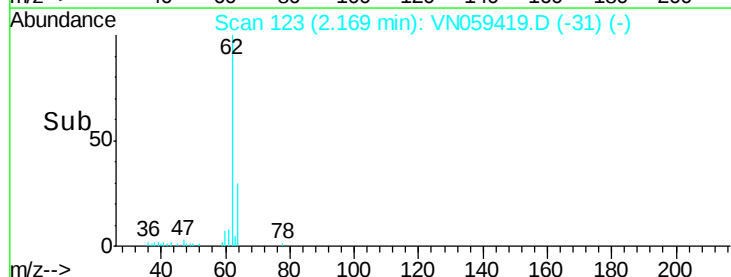
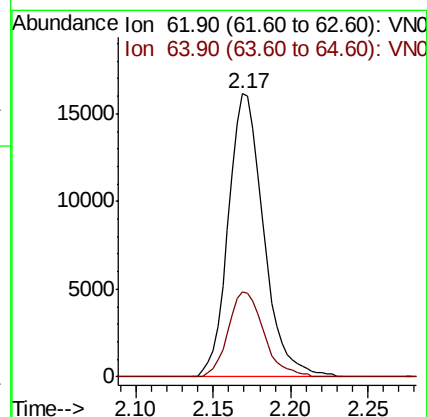
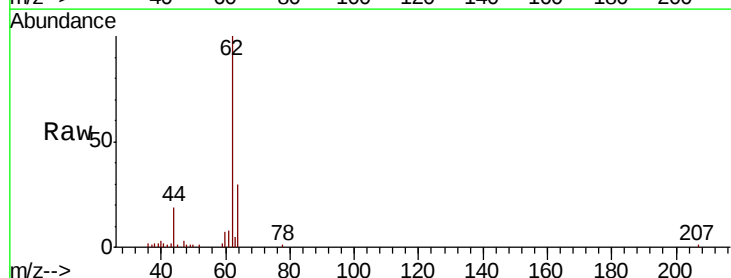
Acq: 27 Nov 2019 13:01

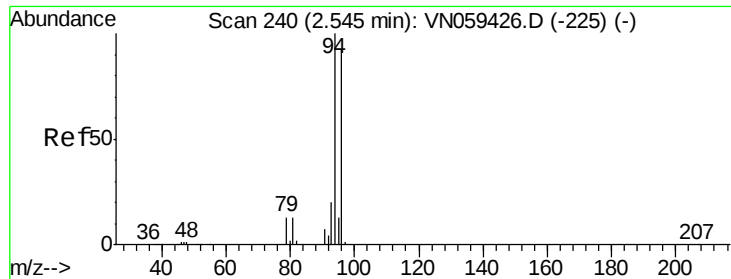
Tgt Ion: 62 Resp: 25511

Ion Ratio Lower Upper

62 100

64 30.0 25.2 37.8





#5

Bromomethane

Concen: 5.377 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 16445

Ion Ratio Lower Upper

94 100

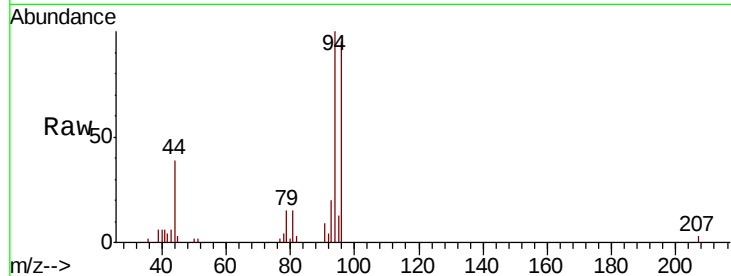
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Manual Integrations

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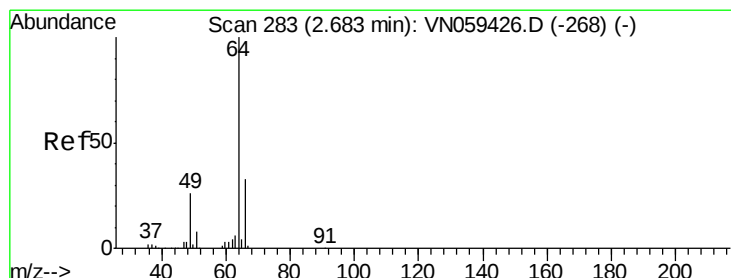
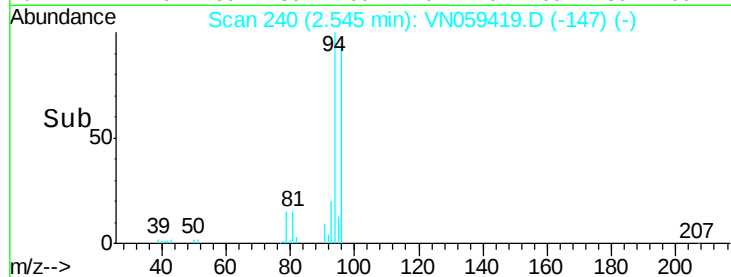
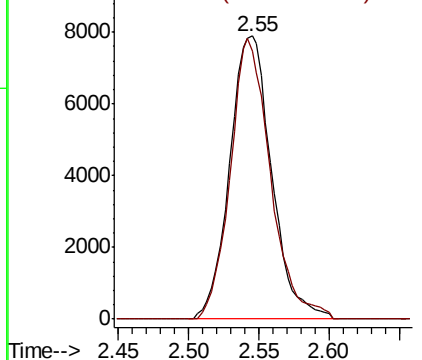
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Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 5.168 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059419.D

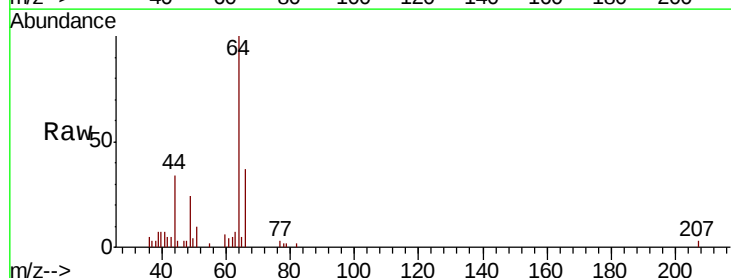
Acq: 27 Nov 2019 13:01

Tgt Ion: 64 Resp: 14718

Ion Ratio Lower Upper

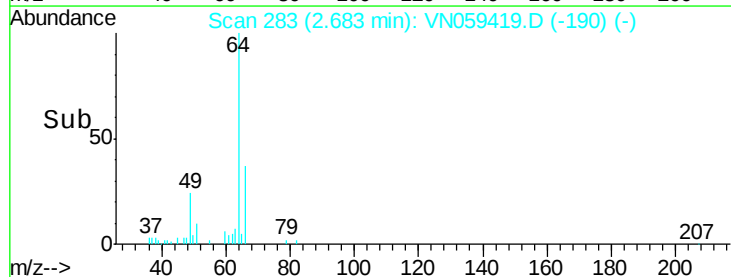
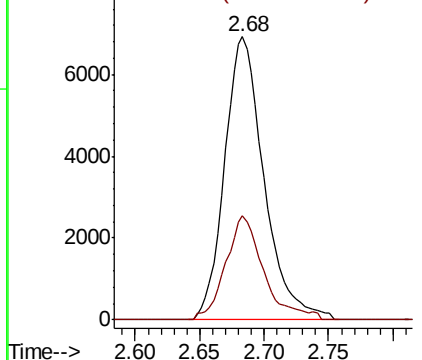
64 100

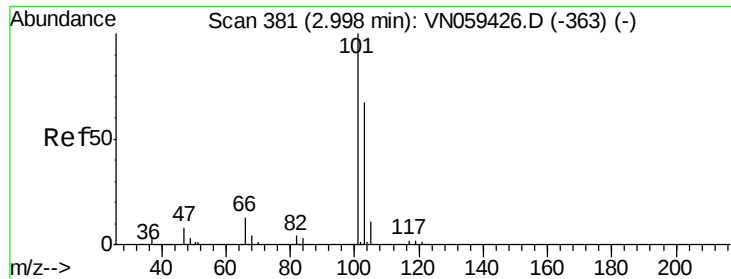
66 36.6 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC





#7

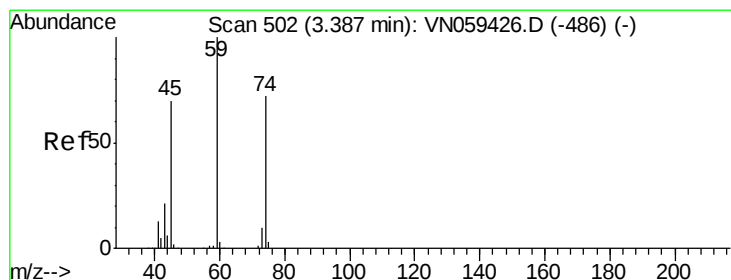
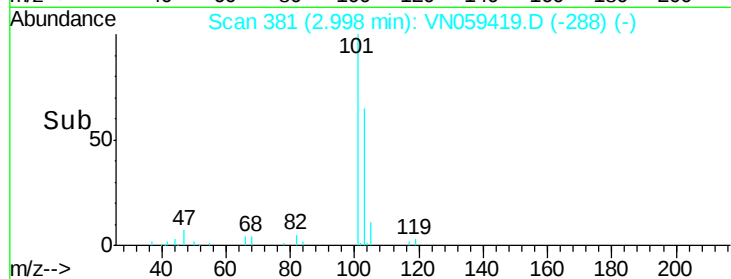
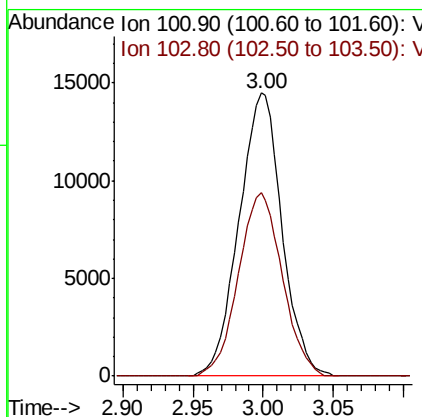
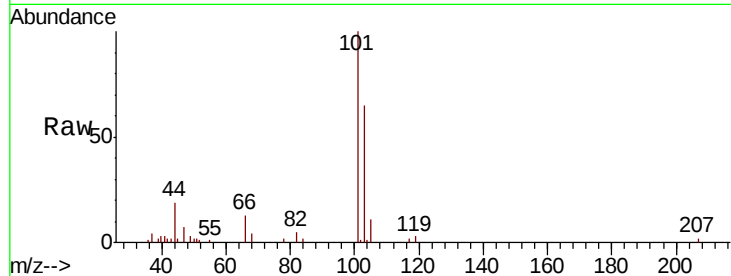
Trichlorofluoromethane
Concen: 5.090 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	53.6	80.4

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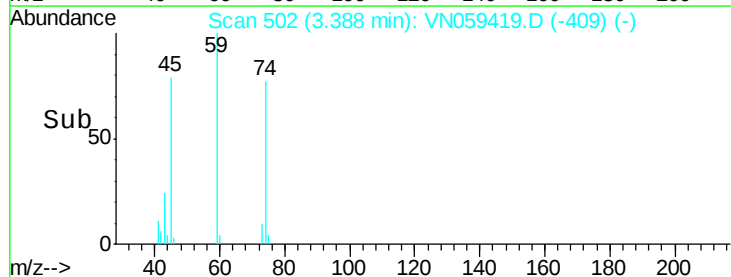
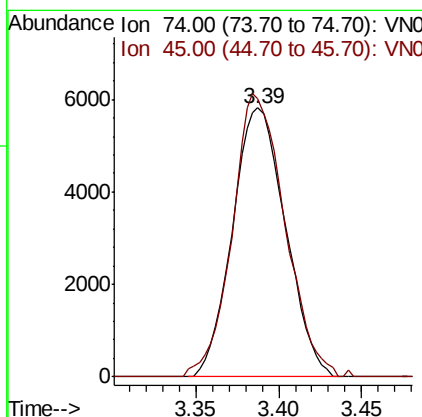
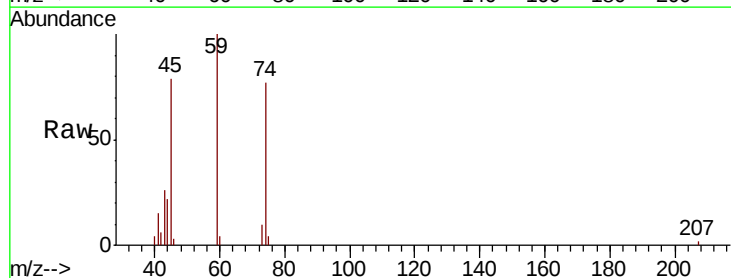
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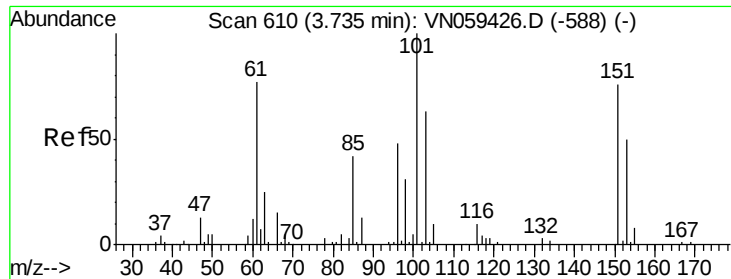


#8

Diethyl Ether
Concen: 5.251 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.156 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

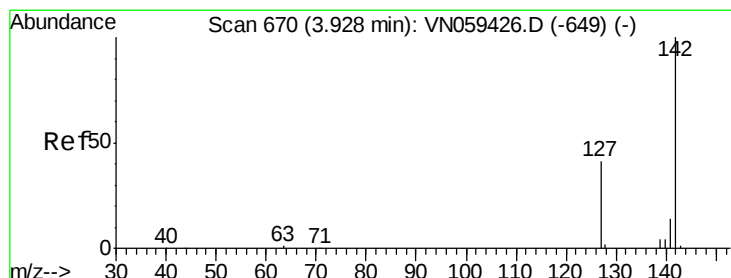
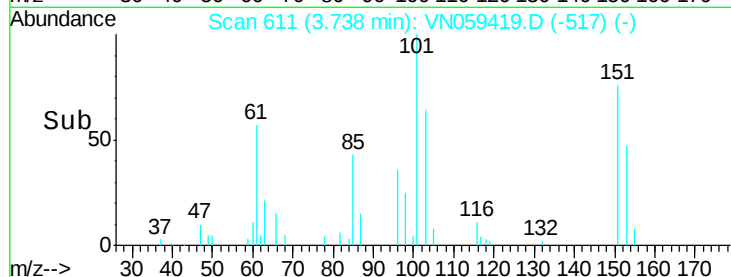
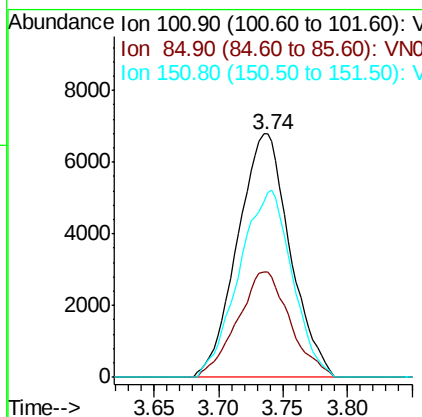
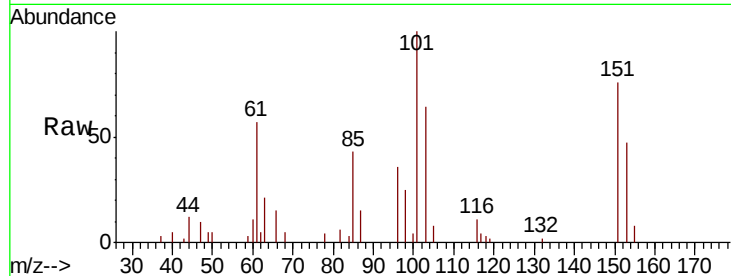
ClientSampled :

VSTDIC005

Tot Ion:	101	Resp:	19212
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.2	51.2
151	77.8	62.6	93.8

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#10

Methyl Iodide

Concen: 4.227 ug/l

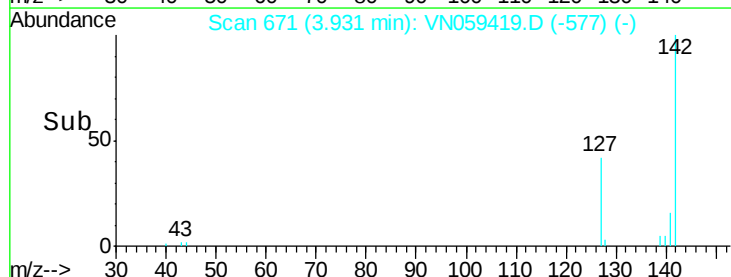
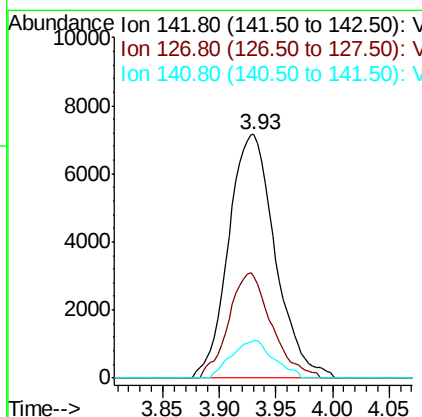
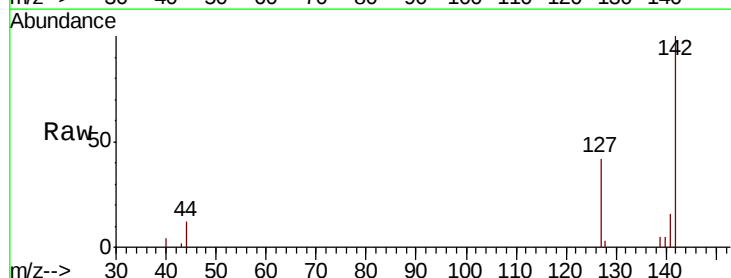
RT: 3.93 min Scan# 671

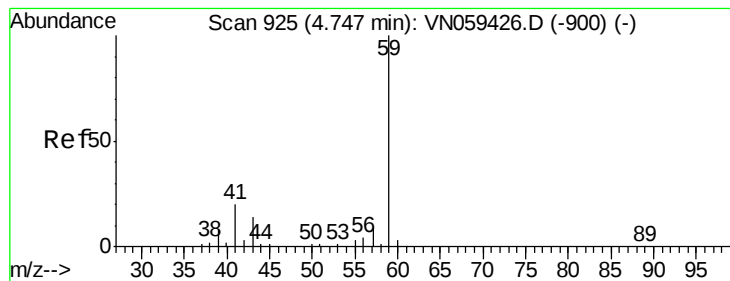
Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Tgt Ion:	142	Resp:	20503
Ion Ratio	Lower	Upper	
142	100		
127	39.9	32.6	48.8
141	14.1	11.1	16.7





#11

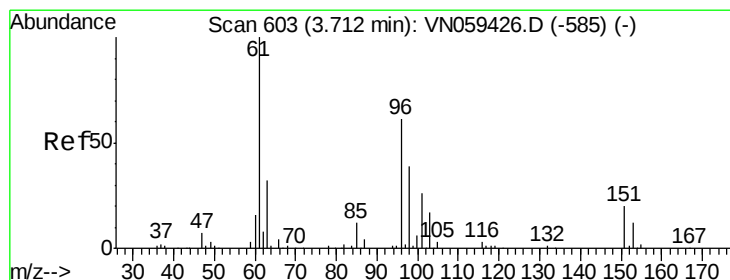
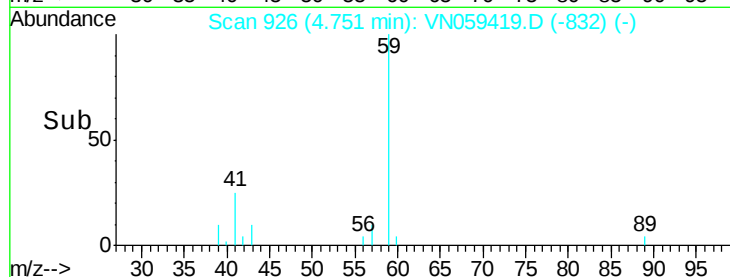
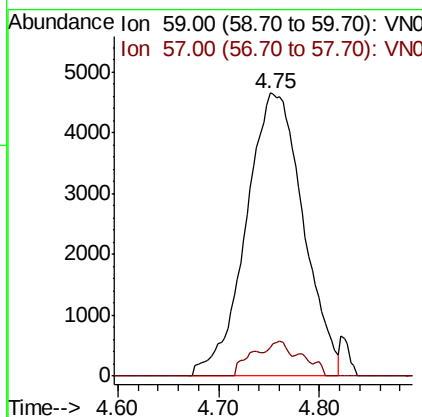
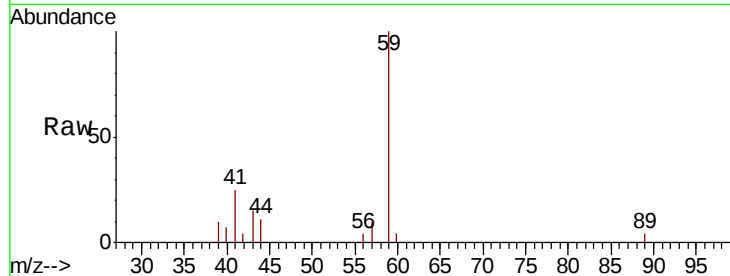
Tert butyl alcohol
Concen: 24.584 ug/l
RT: 4.75 min Scan# 926
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion: 59 Resp: 18342
Ion Ratio Lower Upper
59 100
57 2.1 3.8 5.8#

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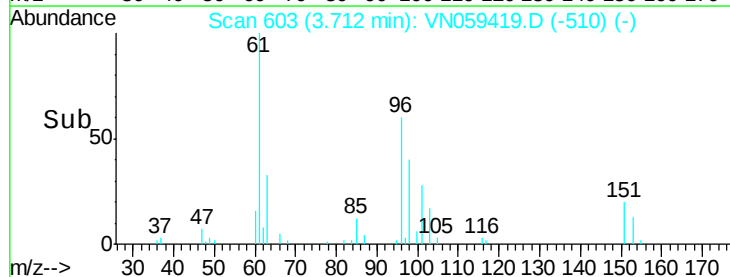
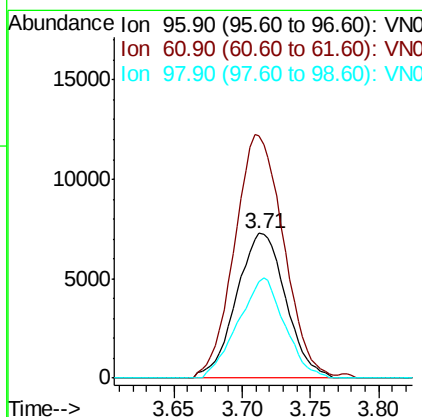
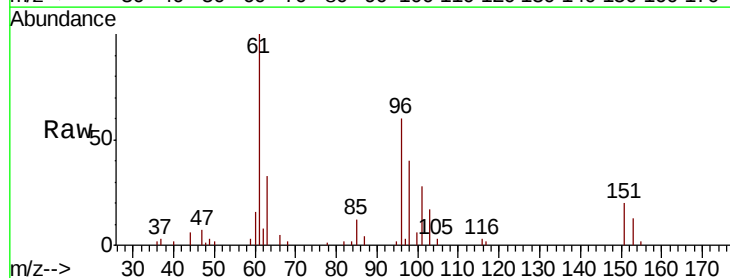
apatel
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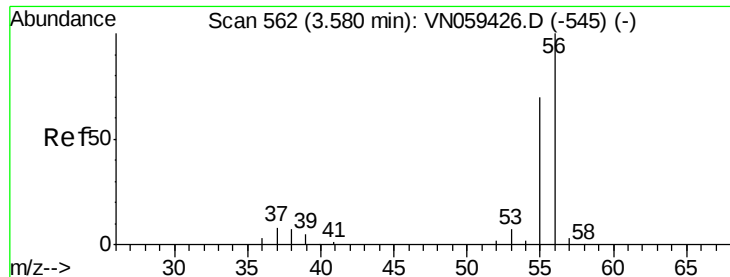


#12

1,1-Dichloroethene
Concen: 5.007 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion: 96 Resp: 18270
Ion Ratio Lower Upper
96 100
61 167.6 130.5 195.7
98 67.0 51.3 76.9





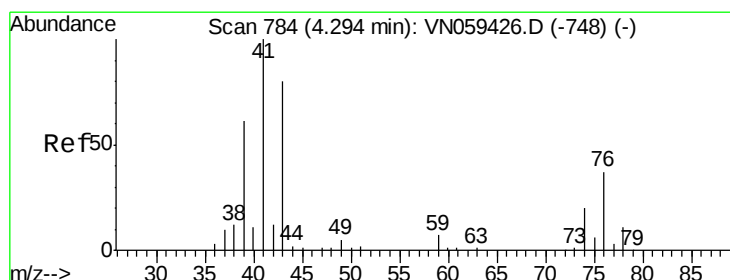
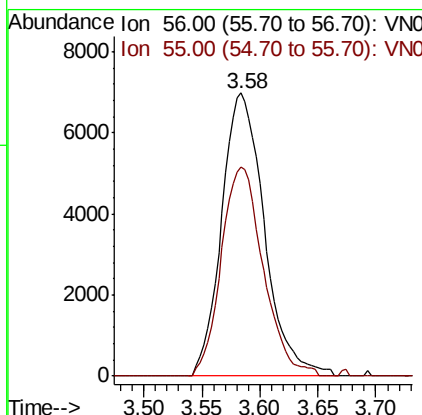
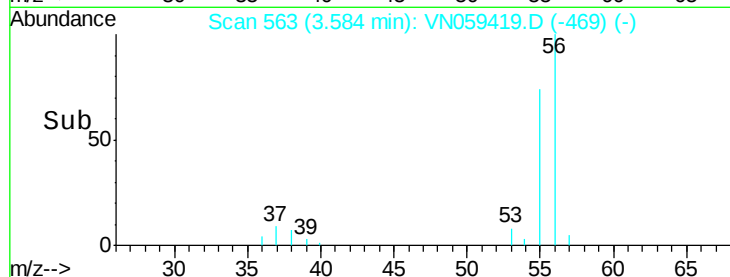
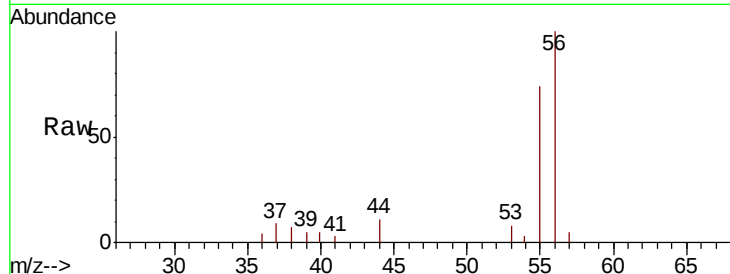
#13
Acrolein
Concen: 24.553 ug/l
RT: 3.58 min Scan# 563
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	72.6	57.8	86.6	

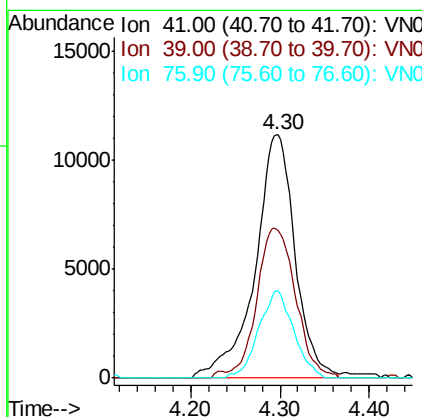
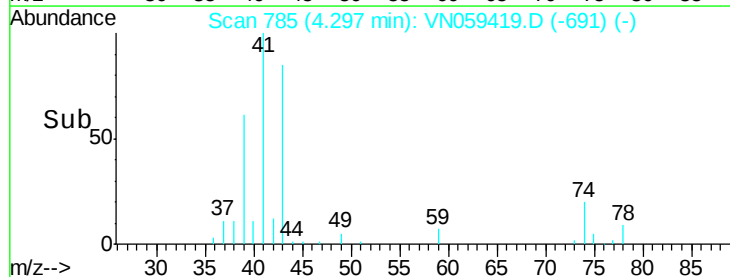
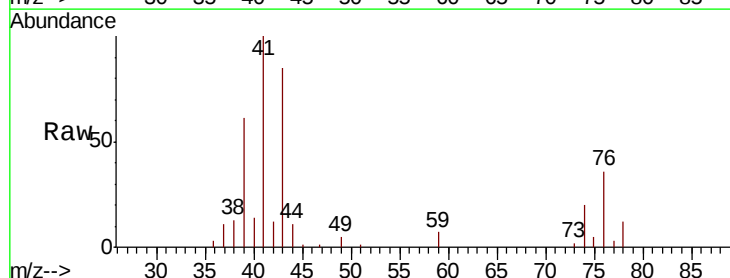
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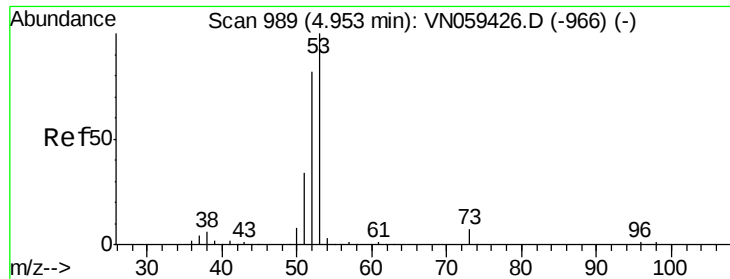
apatel
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#14
Allyl chloride
Concen: 5.147 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.5	46.5	69.7	
76	31.3	26.8	40.2	





#15

Acrylonitrile

Concen: 25.480 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.01 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

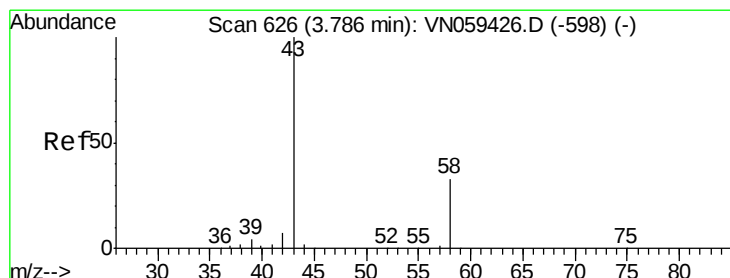
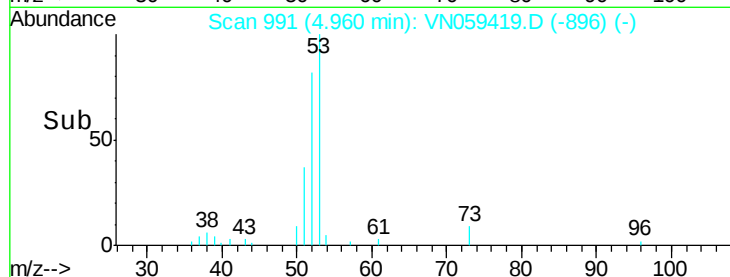
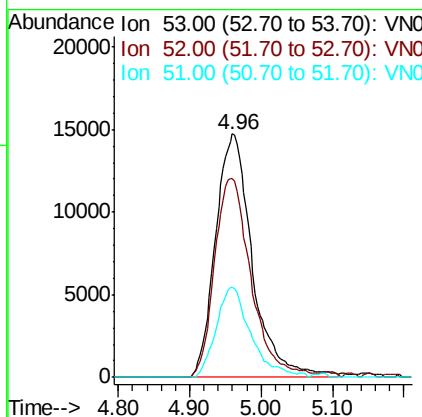
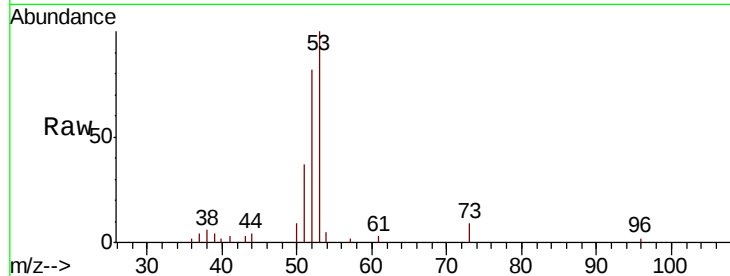
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	52972
Ion Ratio	Lower	Upper	
53	100		
52	80.9	65.1	97.7
51	34.6	27.8	41.8

Manual Integrations
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#16

Acetone

Concen: 24.894 ug/l

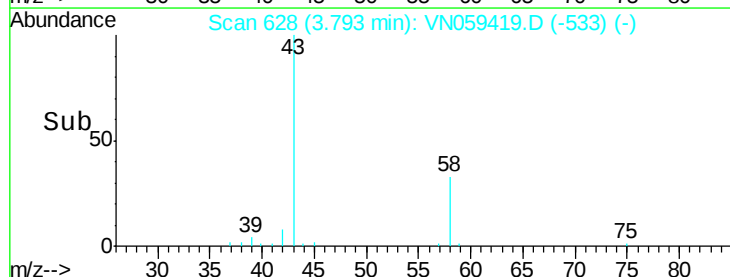
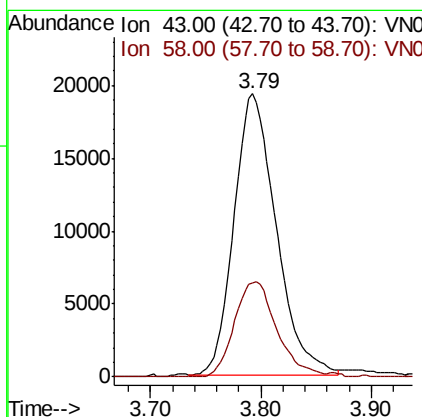
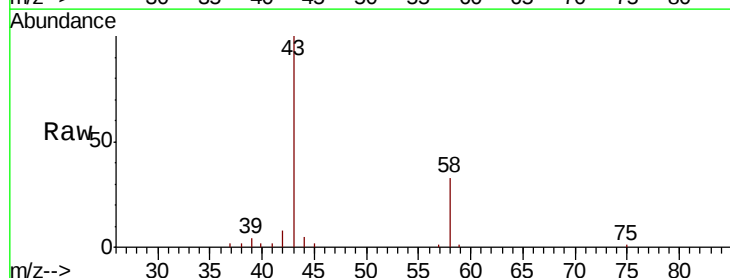
RT: 3.79 min Scan# 628

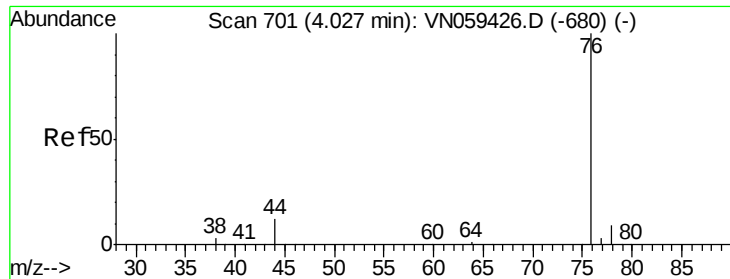
Delta R.T. 0.01 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Tgt Ion:	43	Resp:	51077
Ion Ratio	Lower	Upper	
43	100		
58	33.6	26.6	39.8





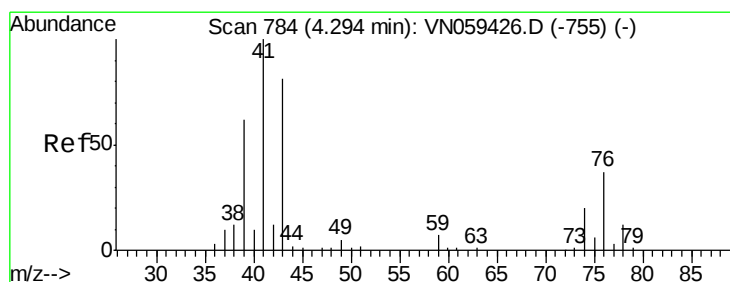
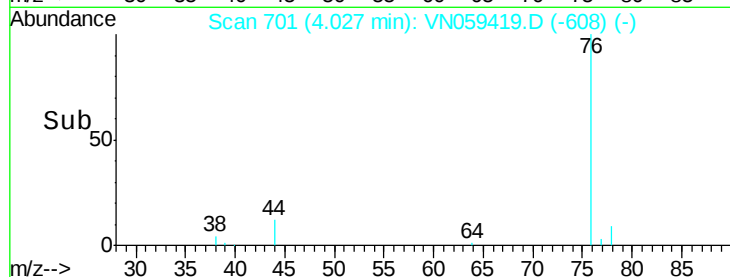
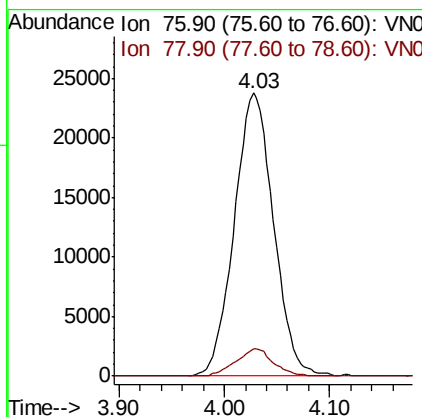
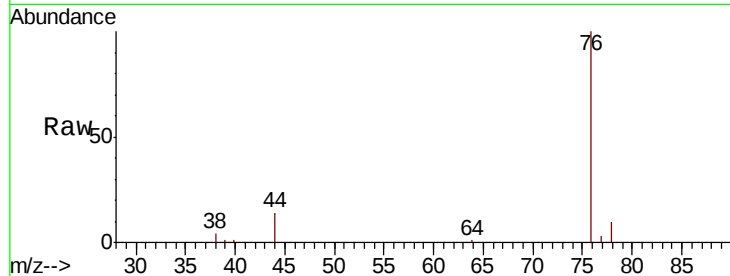
#17
Carbon Disulfide
Concen: 4.910 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion: 76 Resp: 61488
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

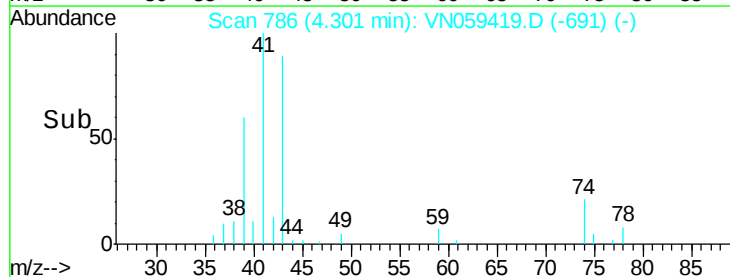
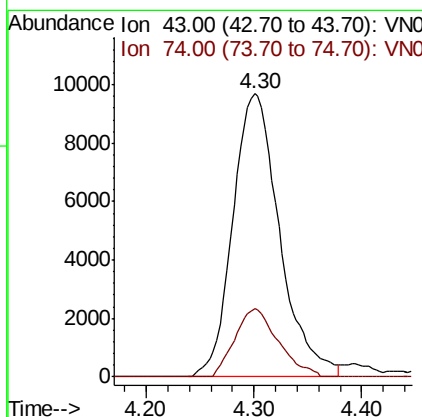
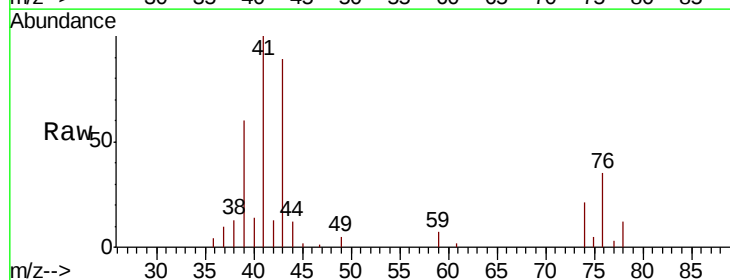
Manual Integrations
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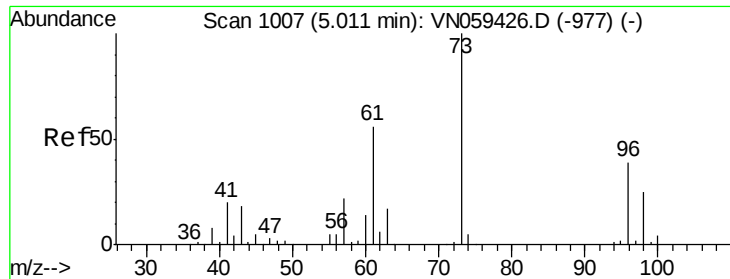
apatel
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#18
Methyl Acetate
Concen: 5.241 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion: 43 Resp: 29286
Ion Ratio Lower Upper
43 100
74 22.3 18.6 28.0





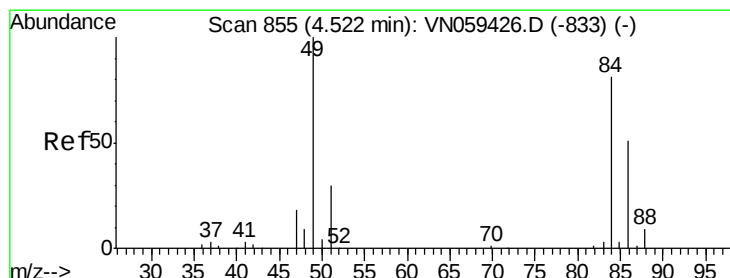
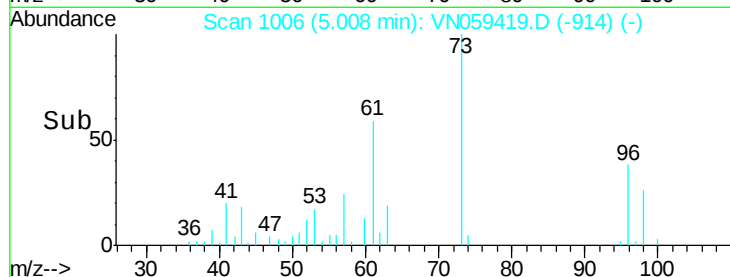
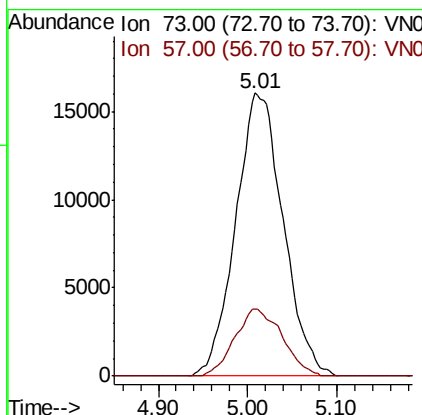
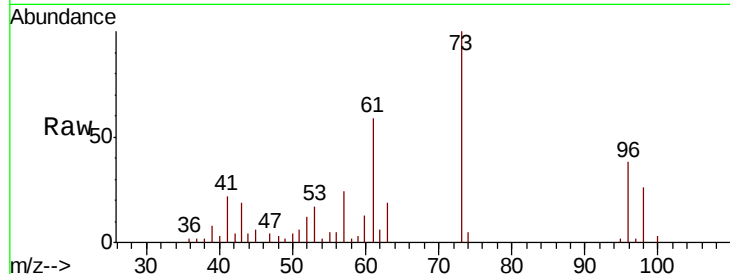
#19
Methvl tert-butvl Ether
Concen: 5.041 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 59284
Ion Ratio Lower Upper
73 100
57 23.9 17.7 26.5

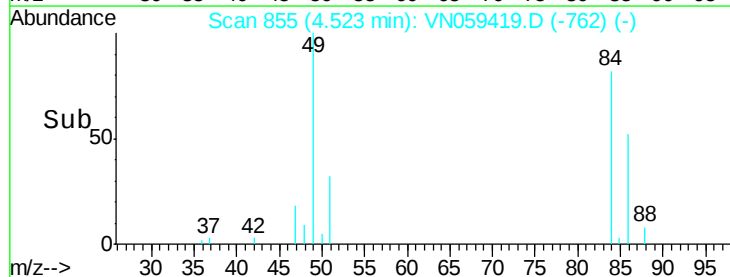
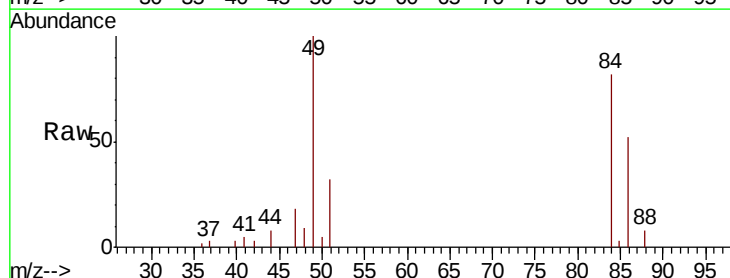
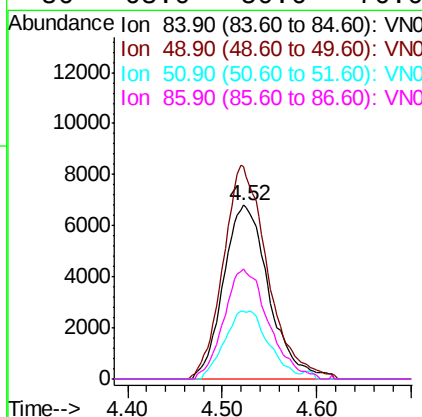
Manual Integrations
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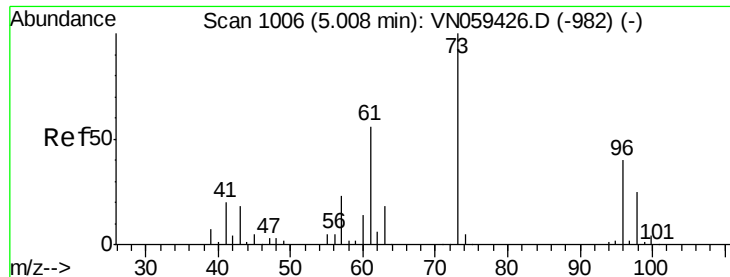
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#20
Methylene Chloride
Concen: 5.443 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion: 84 Resp: 22690
Ion Ratio Lower Upper
84 100
49 122.3 98.6 148.0
51 39.0 29.4 44.0
86 63.0 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 5.117 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 96 Resp: 20345

Ion Ratio Lower Upper

96 100

61 155.4 114.0 171.0

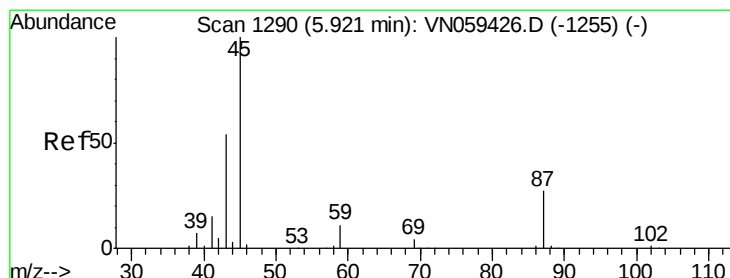
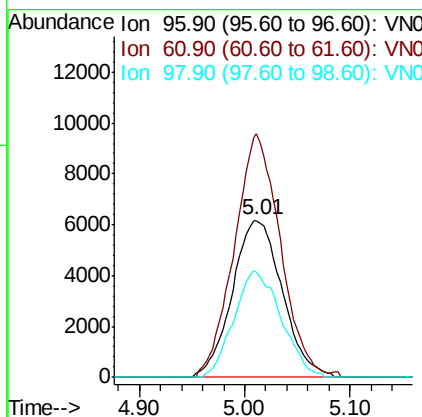
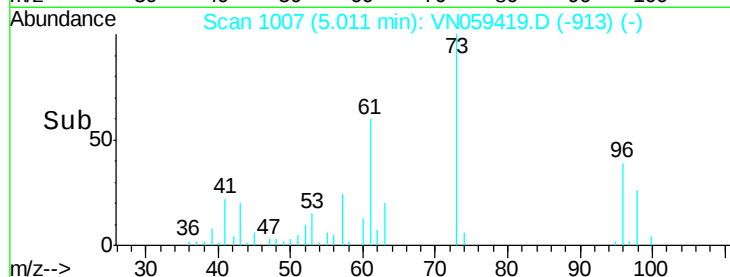
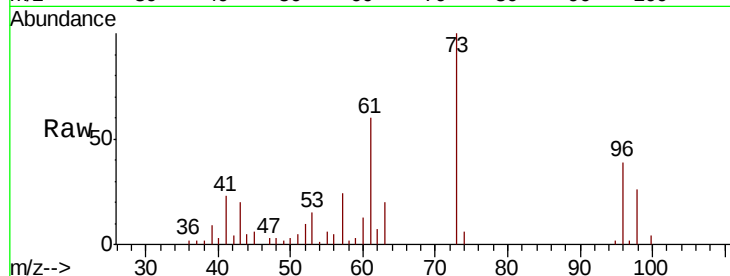
98 67.4 50.5 75.7

Manual Integrations

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#22

Diisopropyl ether

Concen: 5.061 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Tgt Ion: 45 Resp: 63649

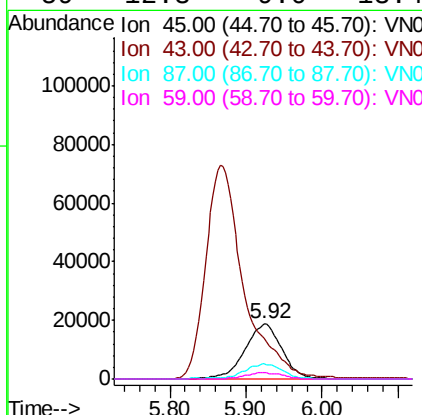
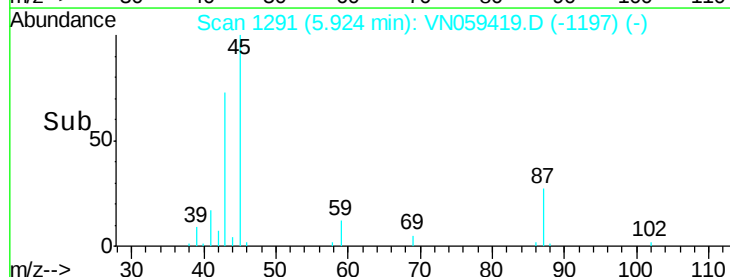
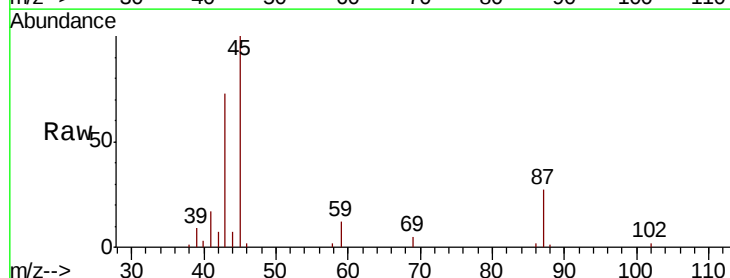
Ion Ratio Lower Upper

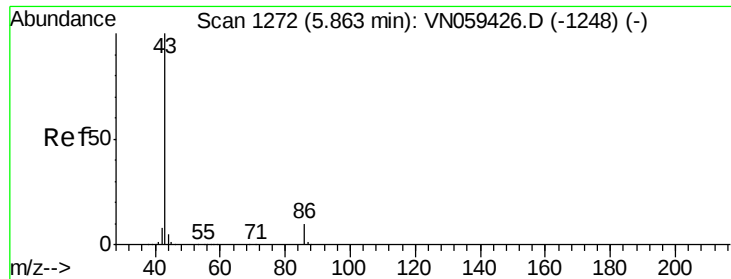
45 100

43 69.6 46.3 69.5#

87 27.1 21.8 32.6

59 12.3 9.0 13.4





#23

Vinyl Acetate

Concen: 25.081 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 254484

Ion Ratio Lower Upper

43 100

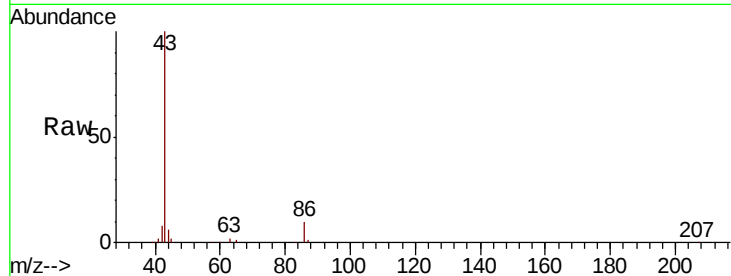
86 9.6 8.2 12.4

Manual Integrations

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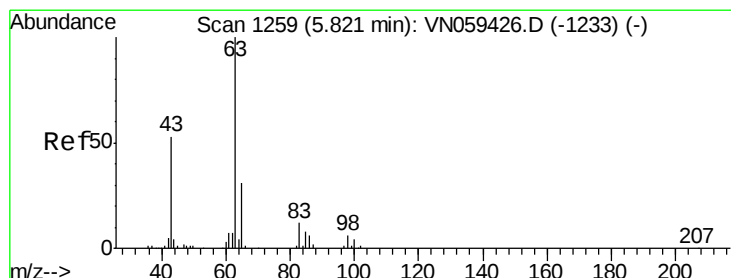
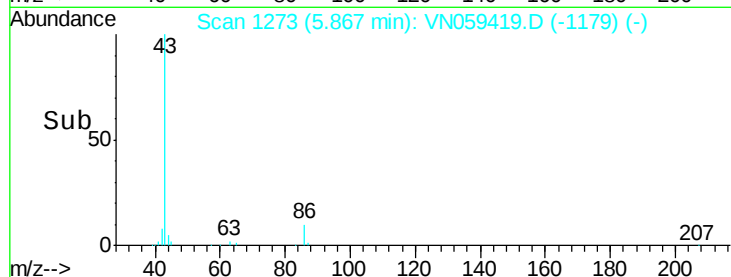
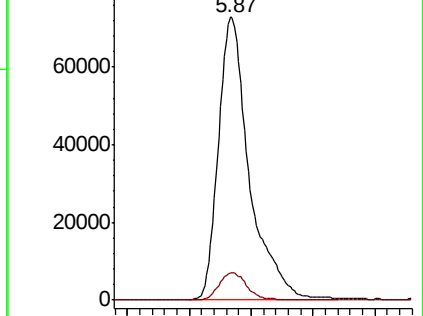
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 5.211 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

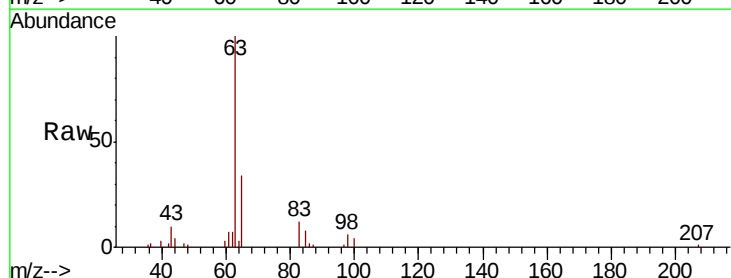
Tgt Ion: 63 Resp: 37710

Ion Ratio Lower Upper

63 100

98 5.5 3.2 9.6

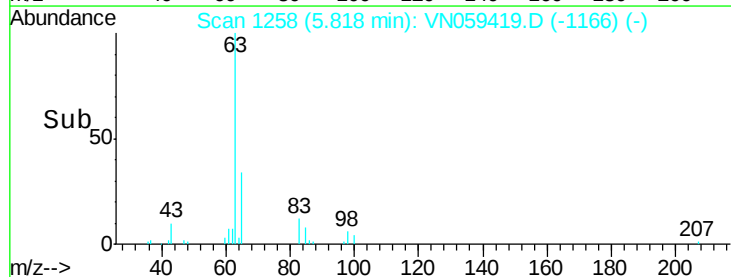
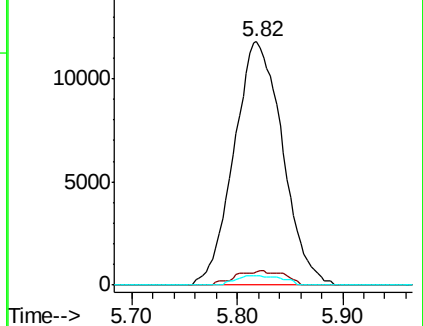
100 4.1 2.1 6.3

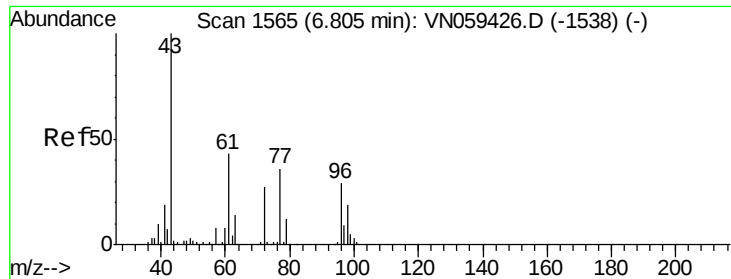


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 24.787 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 69962

Ion Ratio Lower Upper

43 100

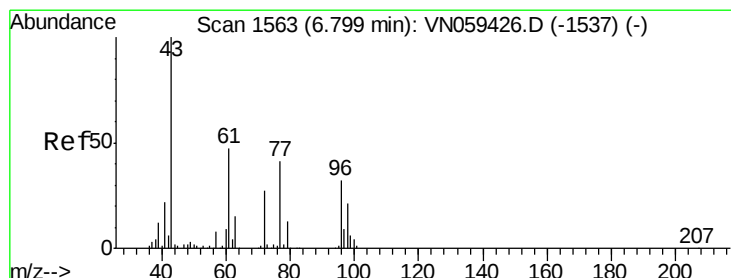
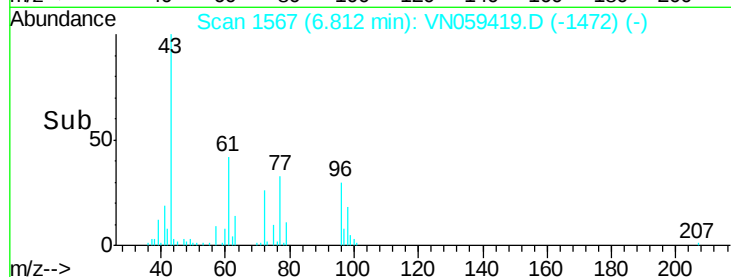
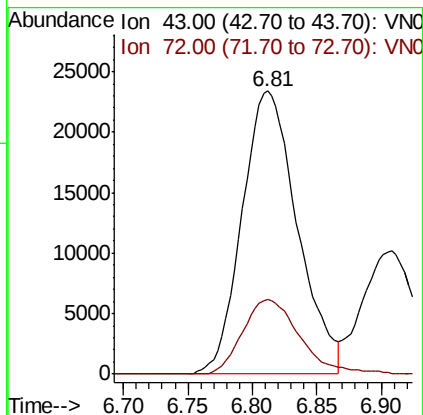
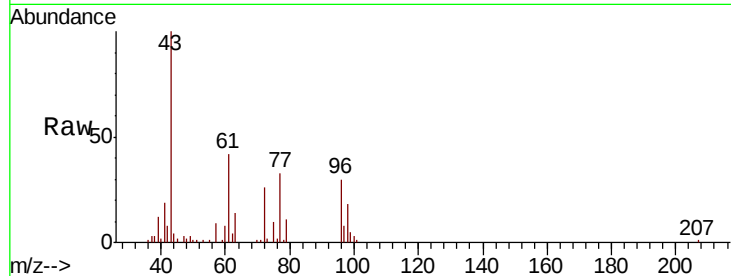
72 26.3 21.4 32.2

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#26

2,2-Dichloropropane

Concen: 5.194 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059419.D

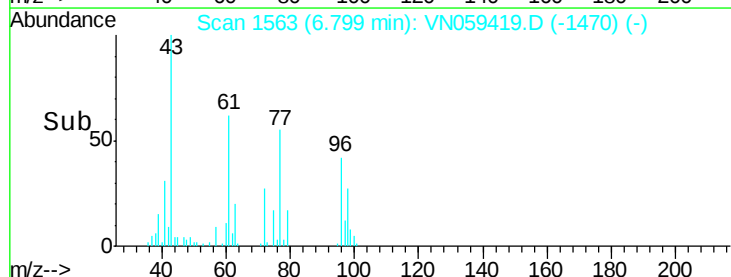
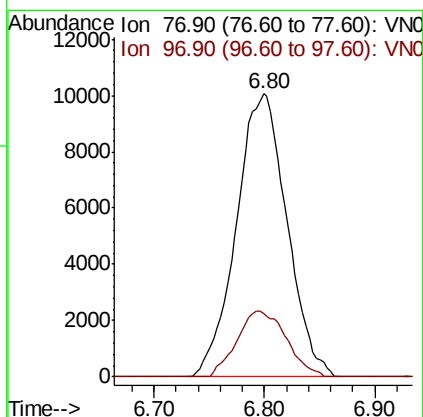
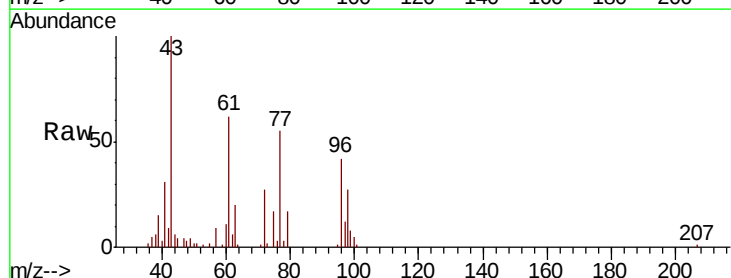
Acq: 27 Nov 2019 13:01

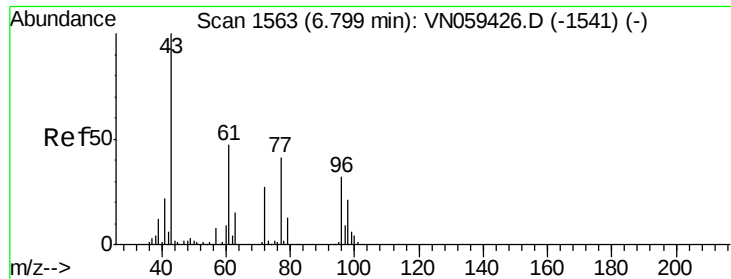
Tgt Ion: 77 Resp: 31985

Ion Ratio Lower Upper

77 100

97 22.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 5.117 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

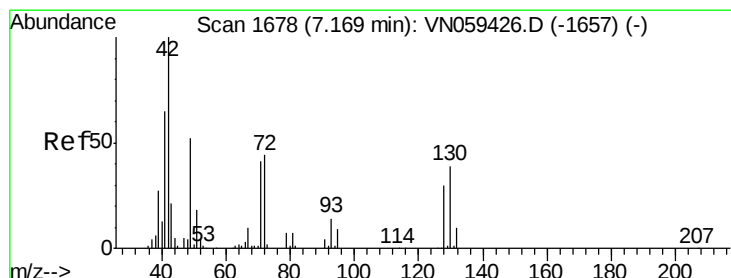
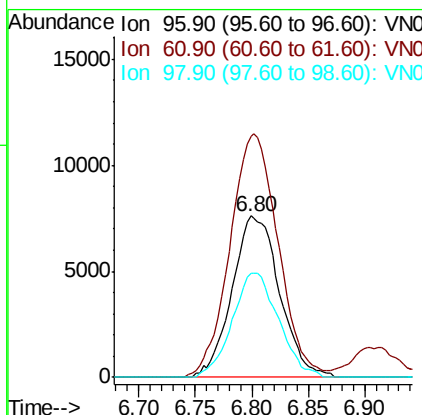
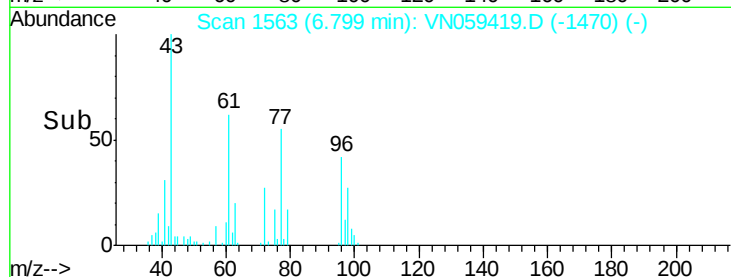
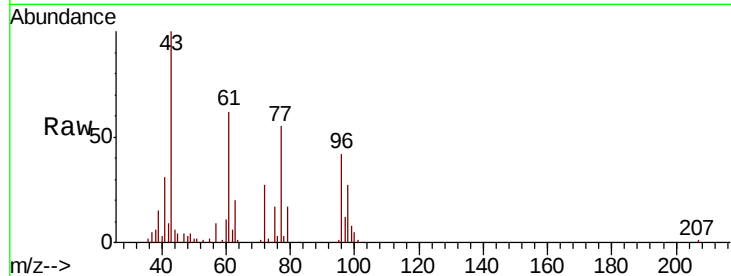
ClientSampled :

VSTDIC005

Tot Ion:	96	Resp:	22251
Ion	Ratio	Lower	Upper
96	100		
61	152.5	0.0	297.6
98	63.0	0.0	130.8

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#28

Bromochloromethane

Concen: 2.738 ug/l

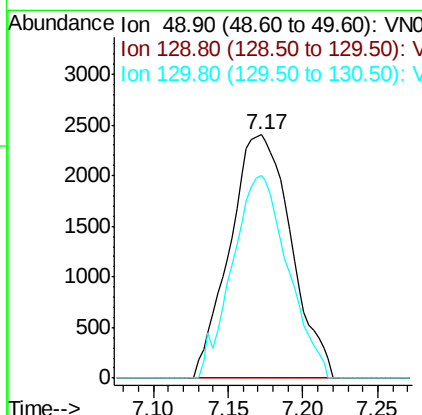
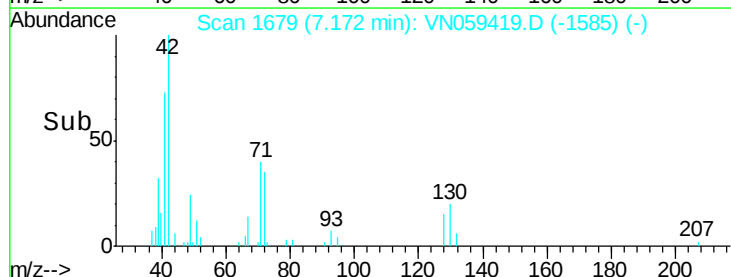
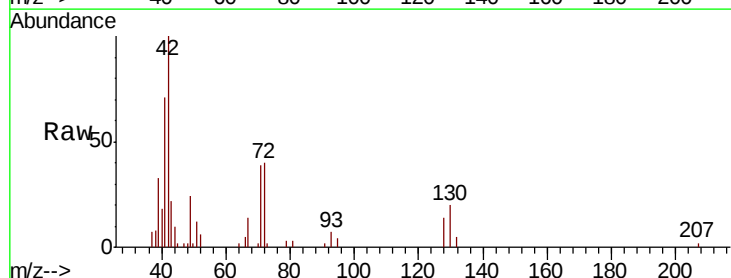
RT: 7.17 min Scan# 1679

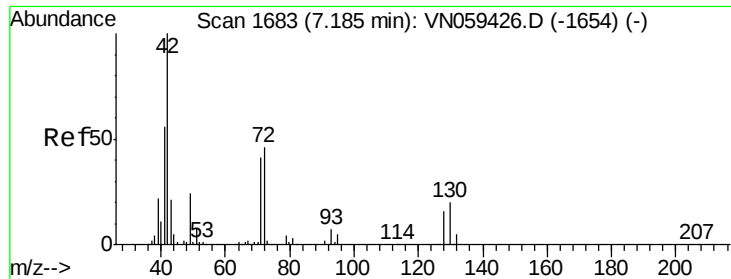
Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Tgt Ion:	49	Resp:	6846
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	75.5	60.5	90.7





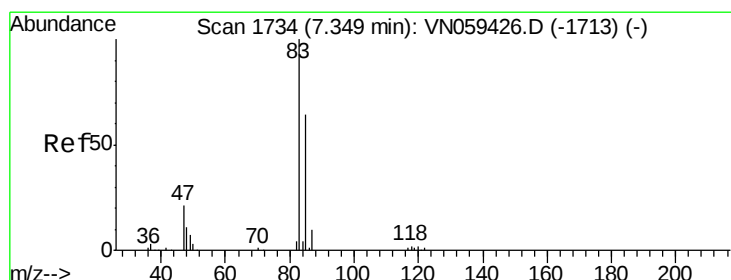
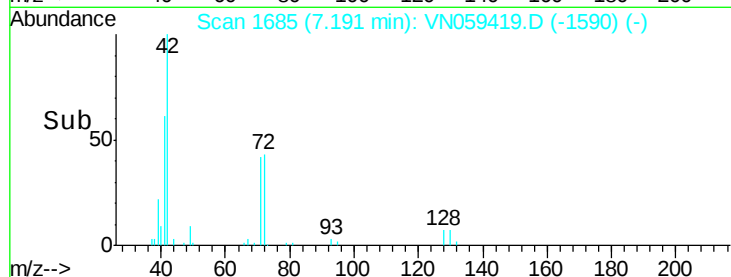
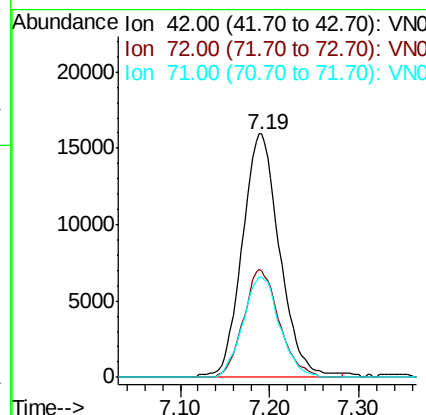
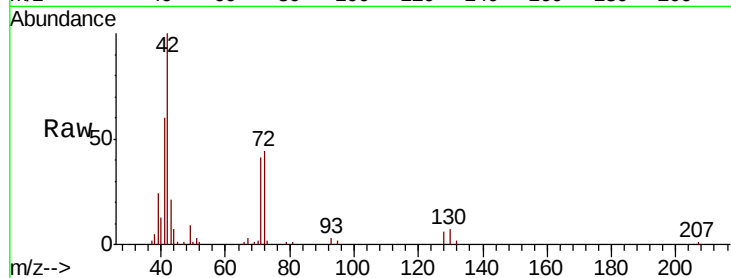
#29
Tetrahydrofuran
Concen: 24.822 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.6	51.8
71	40.3	33.0	49.6

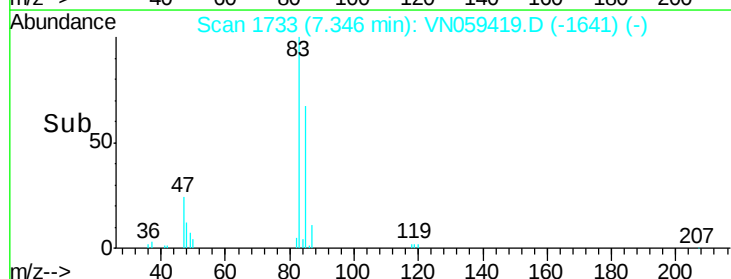
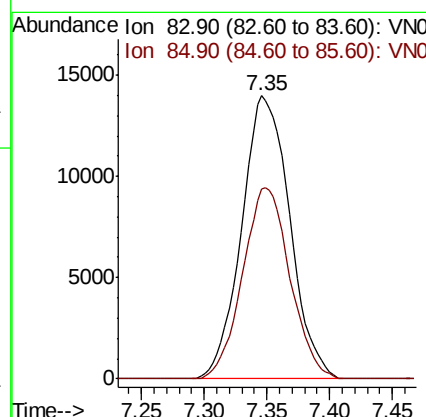
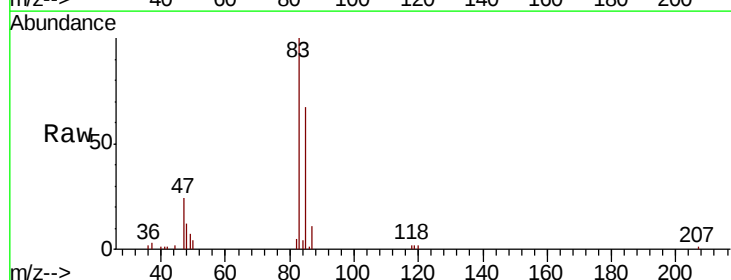
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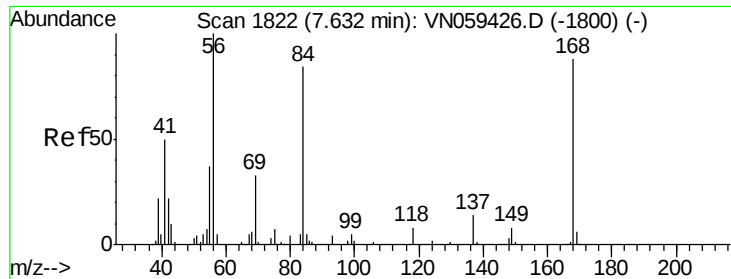
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#30
Chloroform
Concen: 5.115 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.6	77.4





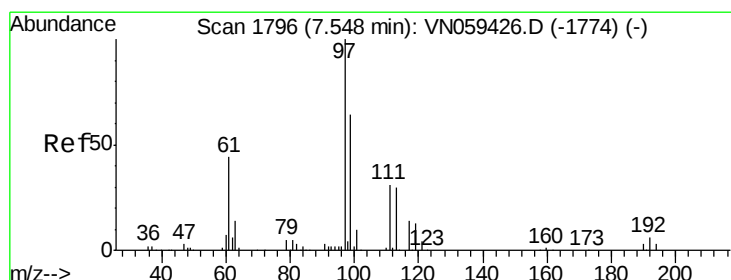
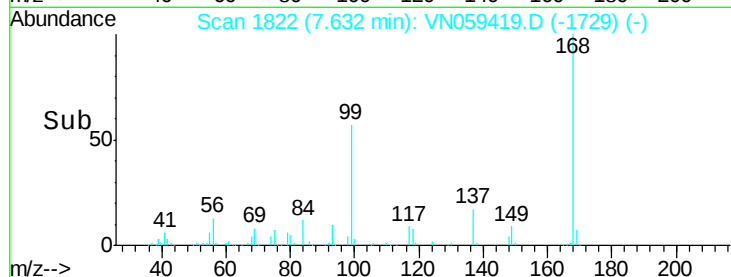
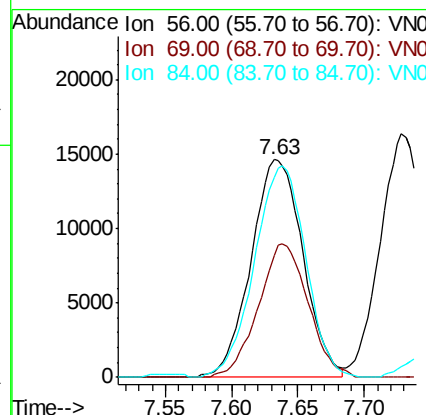
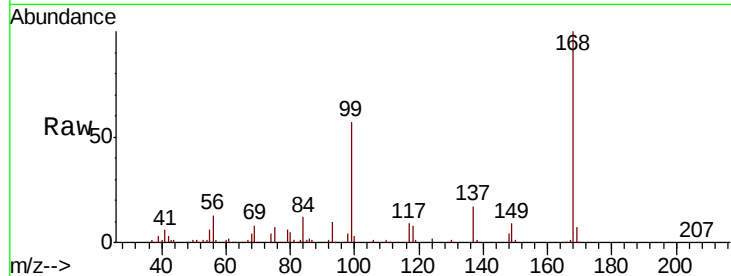
#31
Cyclohexane
Concen: 5.503 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	56	69	84
Resp	39924		
Ion Ratio	100	55.9	92.1
Lower		26.4	67.0
Upper		39.6#	100.6

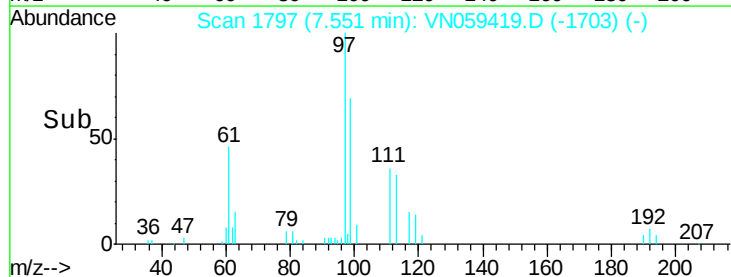
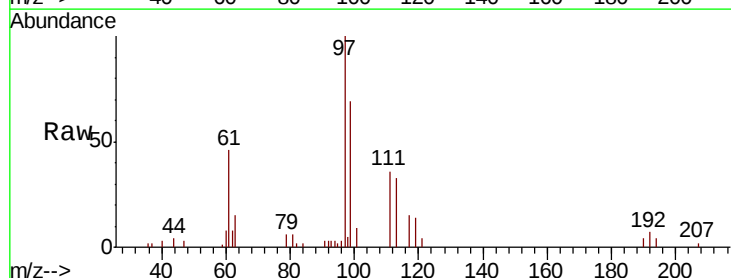
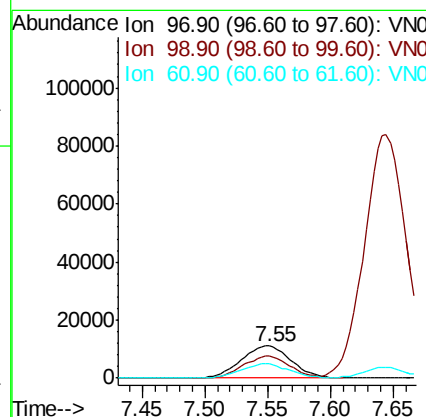
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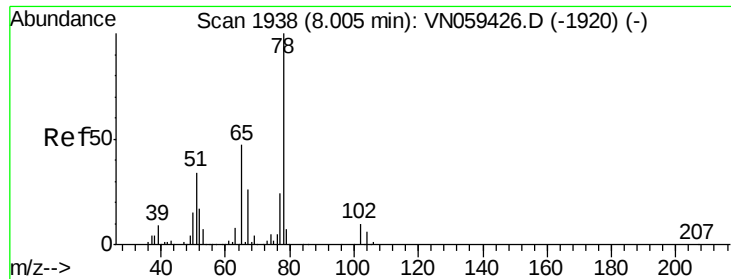
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#32
1,1,1-Trichloroethane
Concen: 5.097 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	97	99	61
Resp	30351		
Ion Ratio	100	64.7	44.3
Lower		50.9	34.3
Upper		76.3	51.5





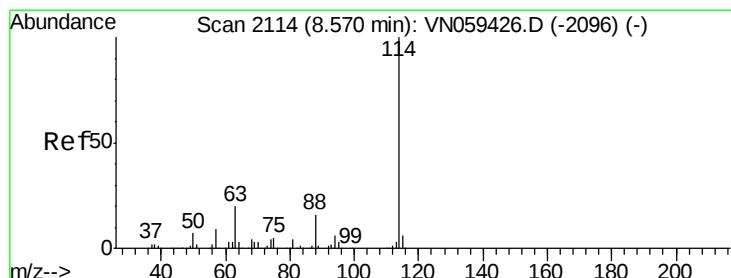
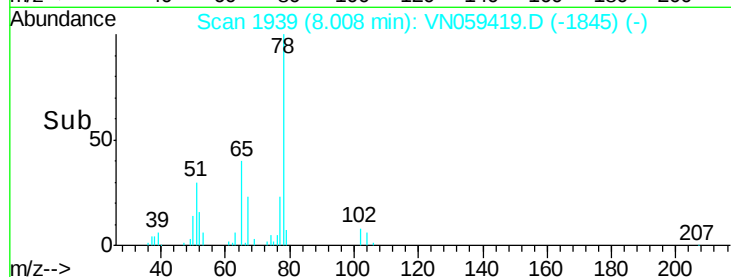
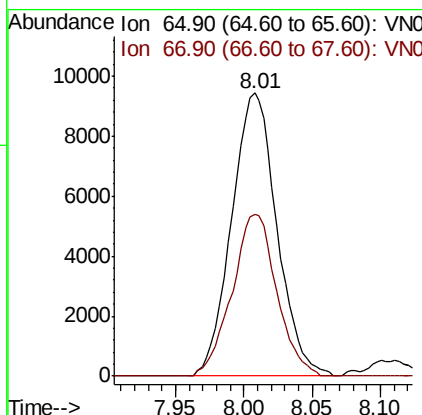
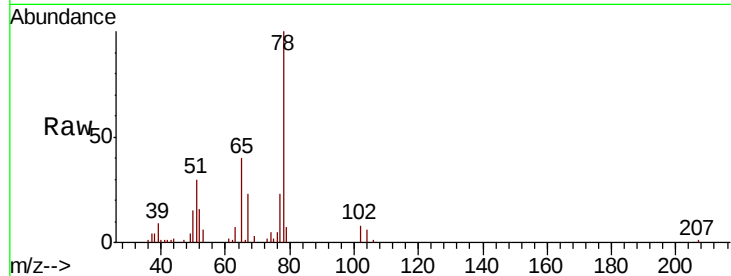
#33
 1,2-Dichloroethane-d4
 Concen: 5.045 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.5	0.0	111.2

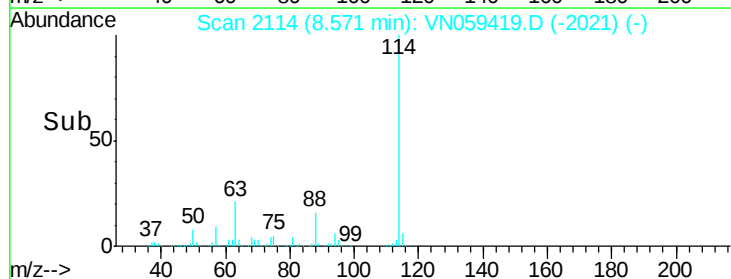
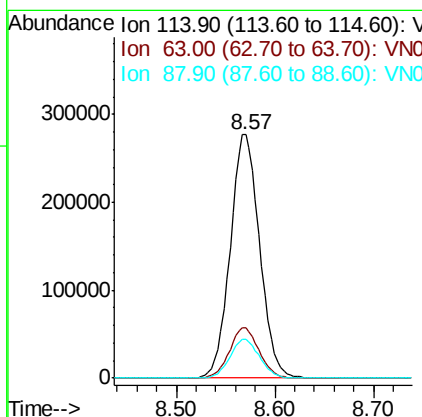
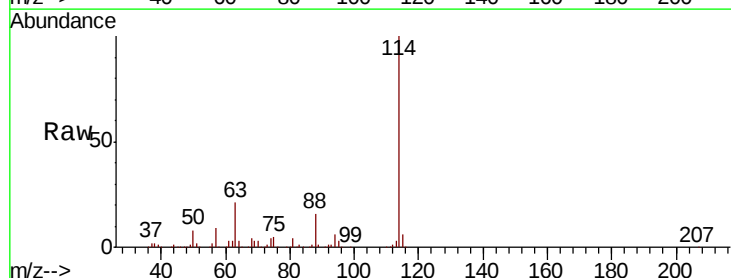
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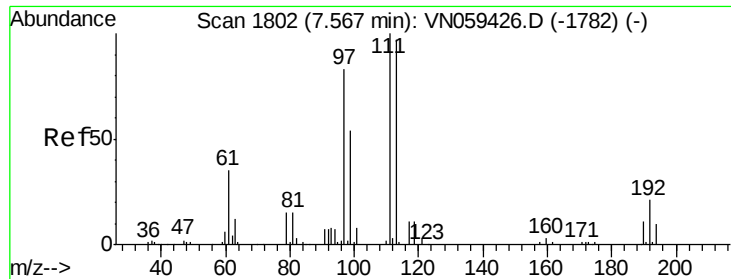
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.4
88	15.7	0.0	32.2





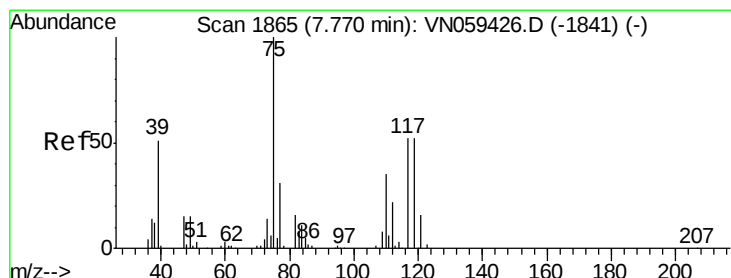
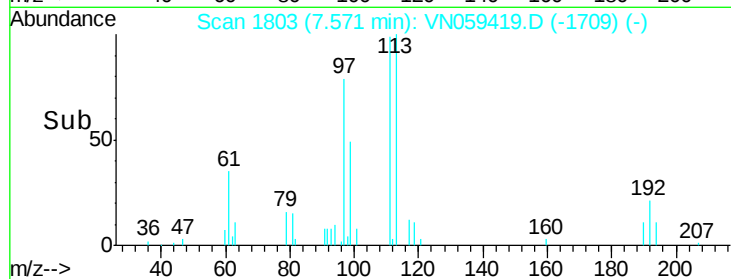
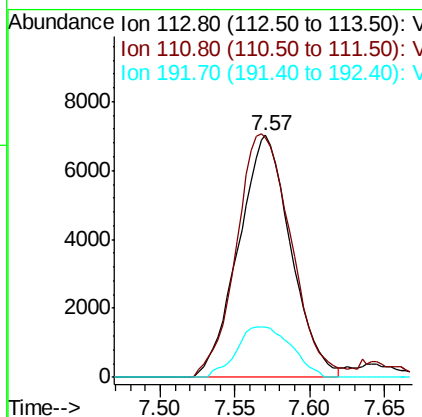
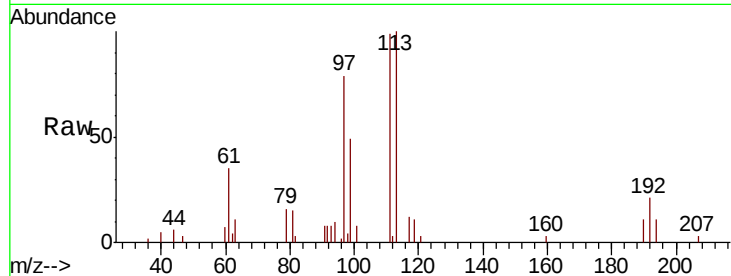
#35
 Dibromofluoromethane
 Concen: 4.867 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.3	81.9	122.9
192	21.9	16.6	24.8

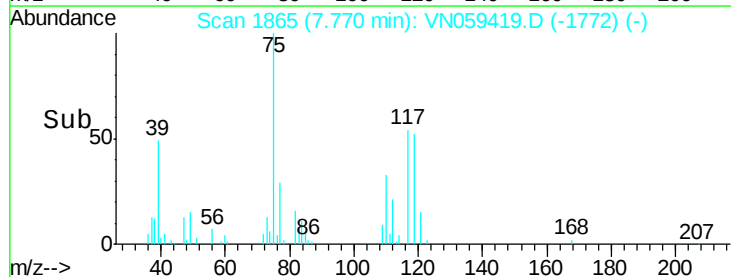
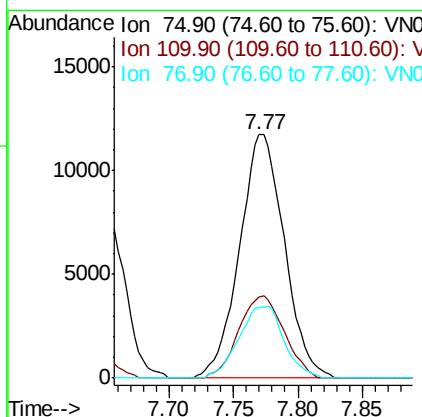
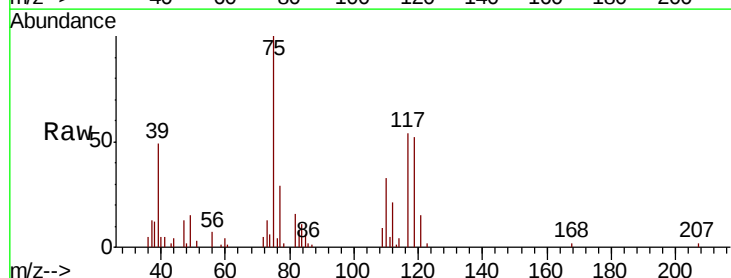
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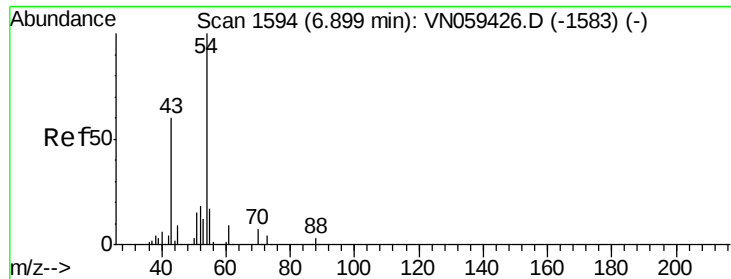
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#36
 1,1-Dichloropropene
 Concen: 5.135 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.3	52.0
77	29.7	24.9	37.3





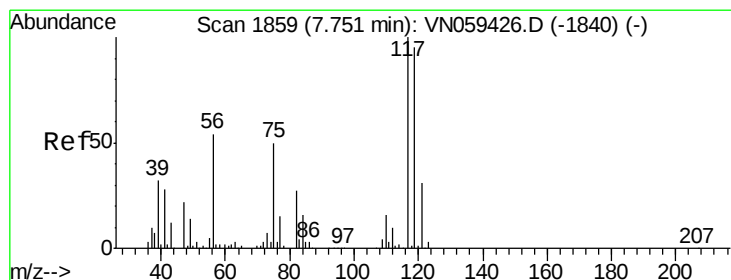
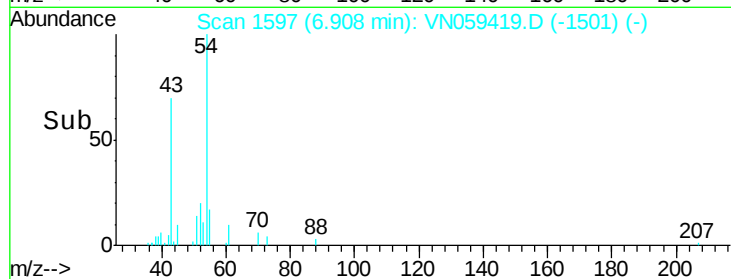
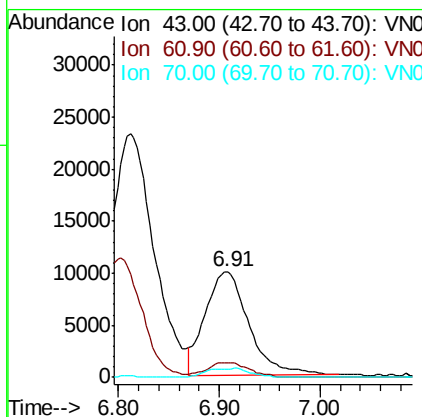
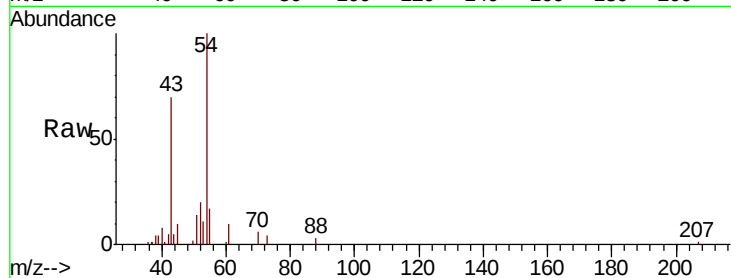
#37
Ethyl Acetate
Concen: 5.178 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	43	Resp	30312
Ion Ratio	100	Lower	Upper
43	100		
61	13.6	12.2	18.2
70	8.7	8.8	13.2

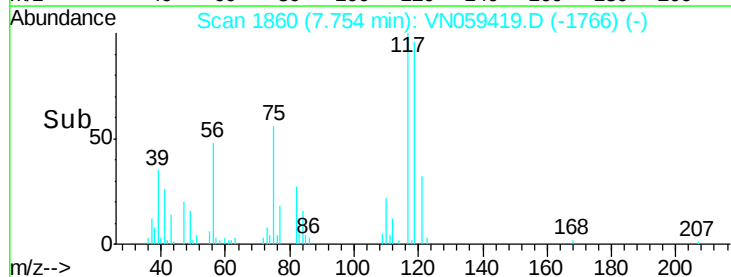
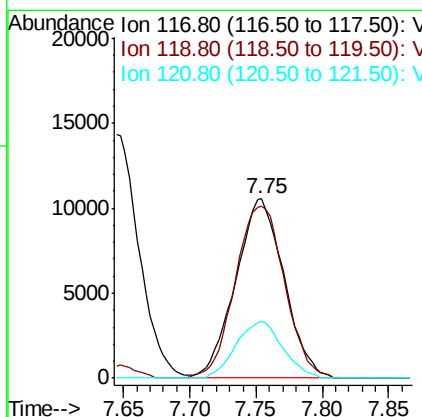
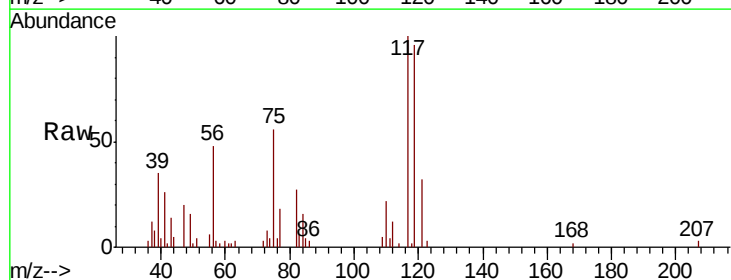
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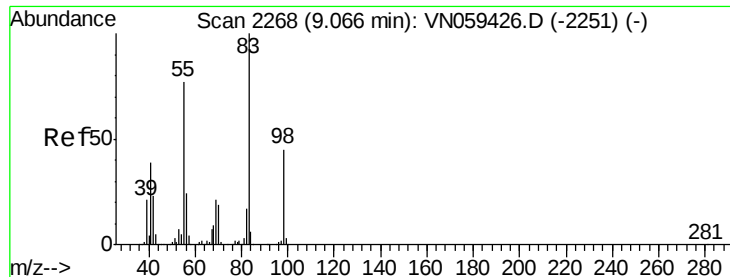
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#38
Carbon Tetrachloride
Concen: 5.151 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	117	Resp	26896
Ion Ratio	100	Lower	Upper
117	100		
119	95.9	75.9	113.9
121	32.0	24.6	36.8





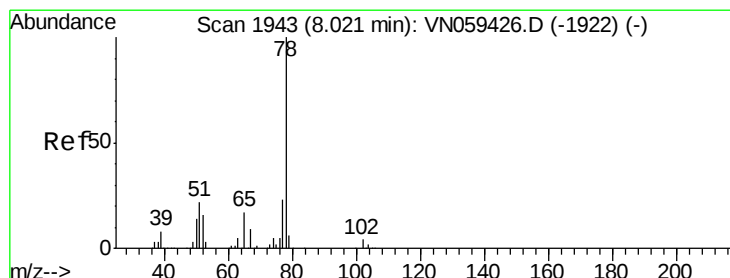
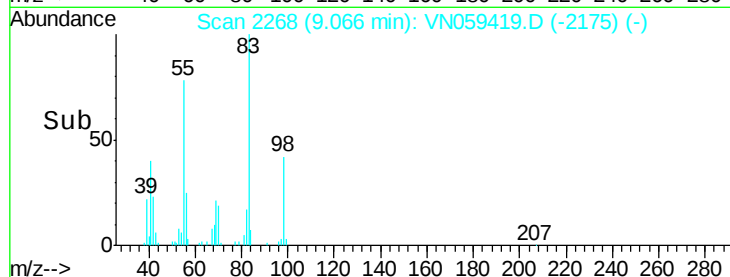
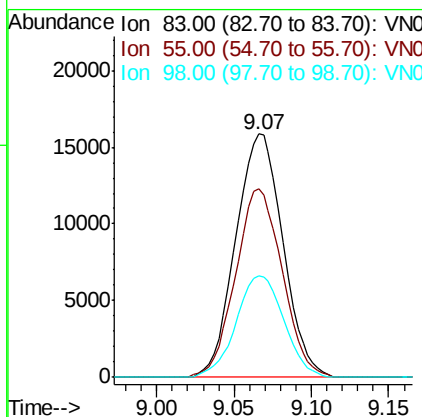
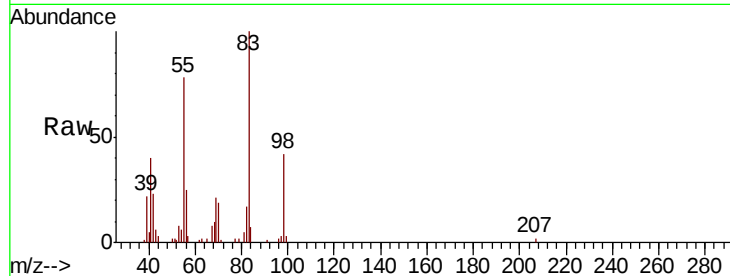
#39
Methvlcvclohexane
Concen: 5.085 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.6	92.4
98	41.8	35.7	53.5

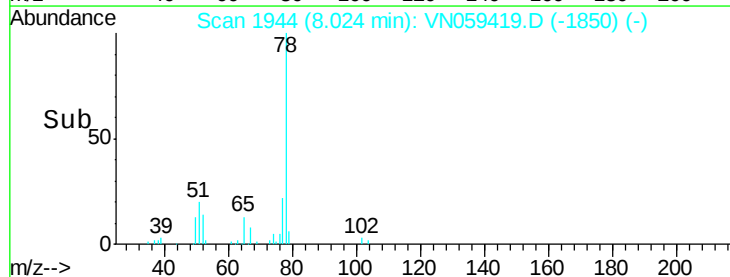
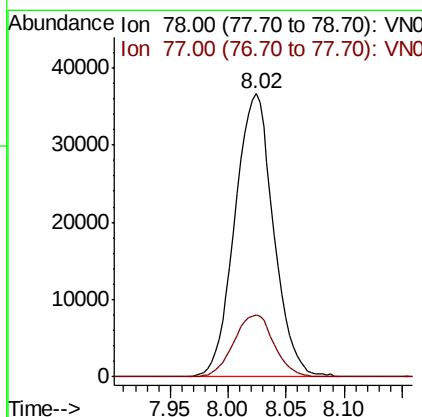
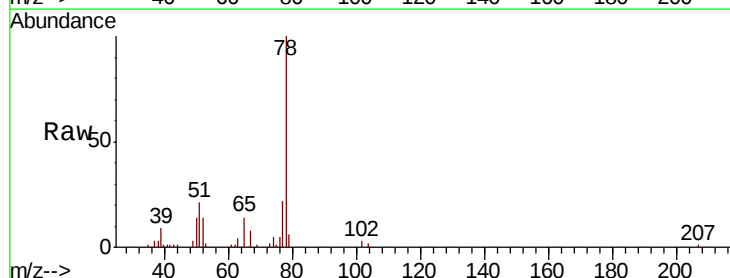
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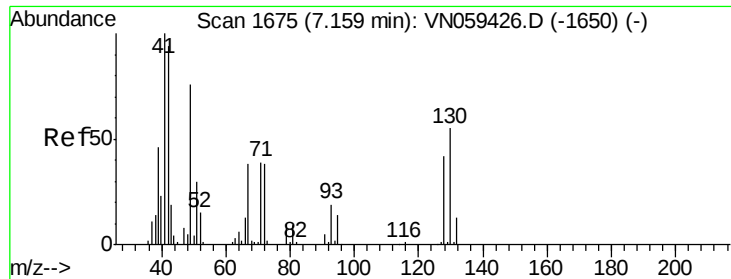
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#40
Benzene
Concen: 5.173 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.9	18.3	27.5





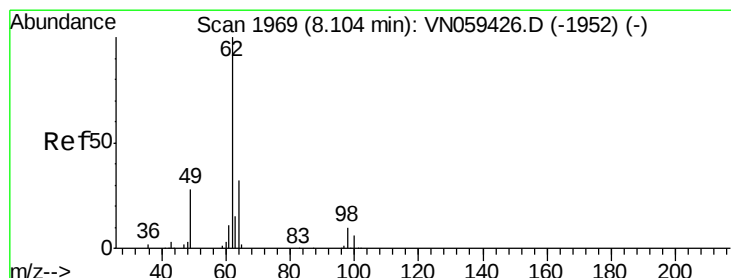
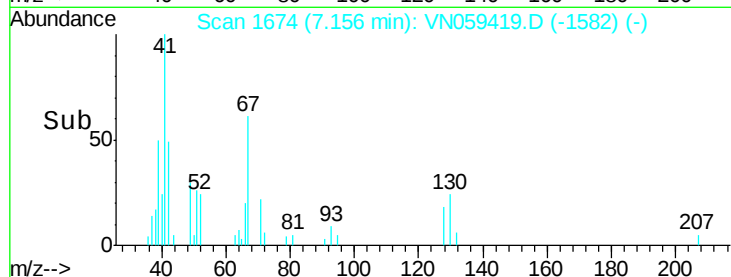
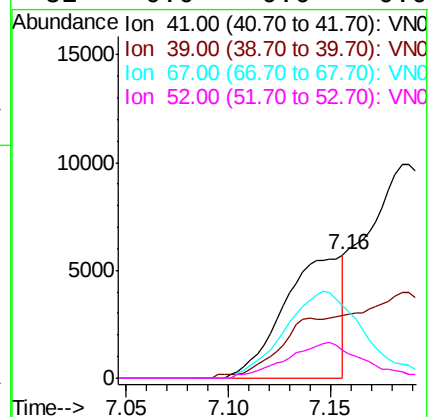
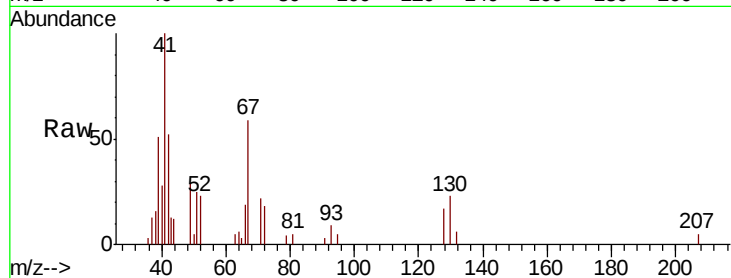
#41
Methacrylonitrile
Concen: 4.114 ug/l m
RT: 7.16 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

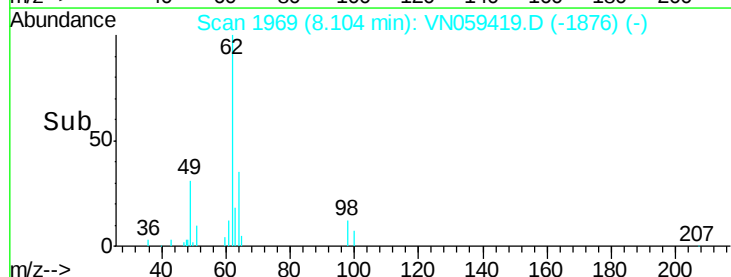
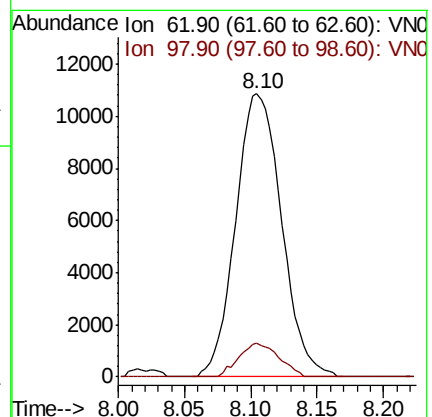
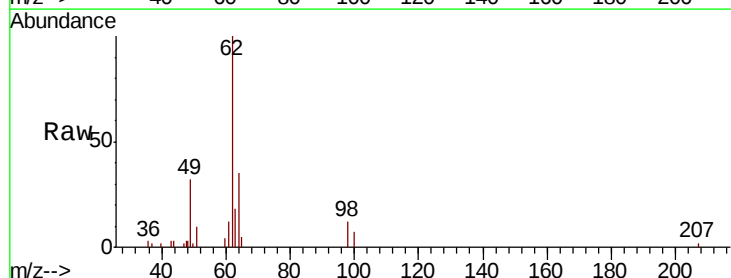
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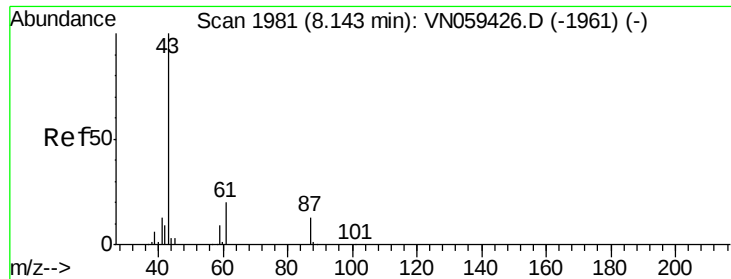
apatel
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#42
1,2-Dichloroethane
Concen: 5.015 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 4.921 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

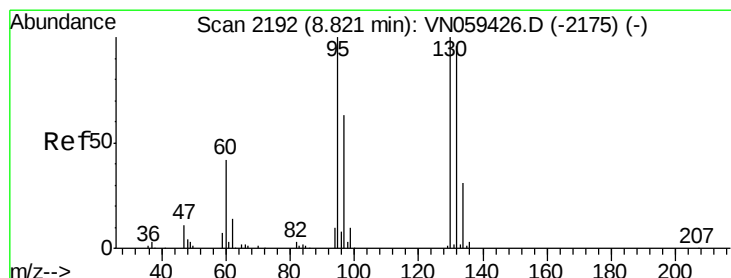
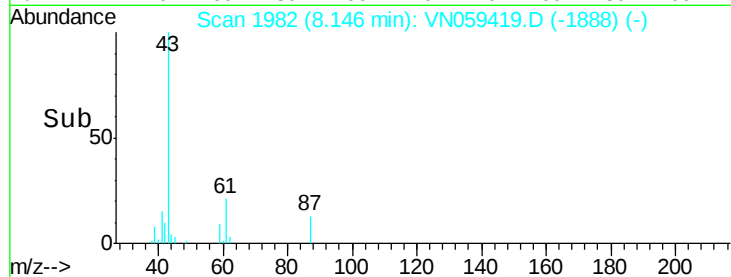
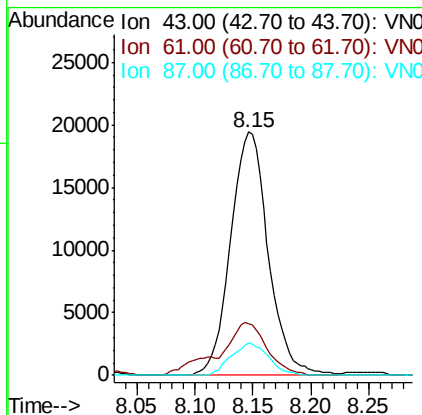
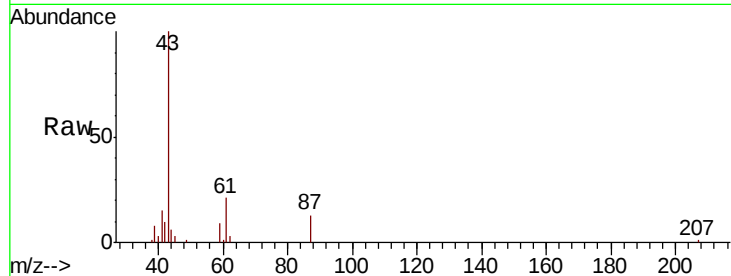
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	43761
Ion Ratio	Lower	Upper	
43	100		
61	21.6	22.2	33.2#
87	13.2	10.7	16.1

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#44

Trichloroethene

Concen: 5.001 ug/l

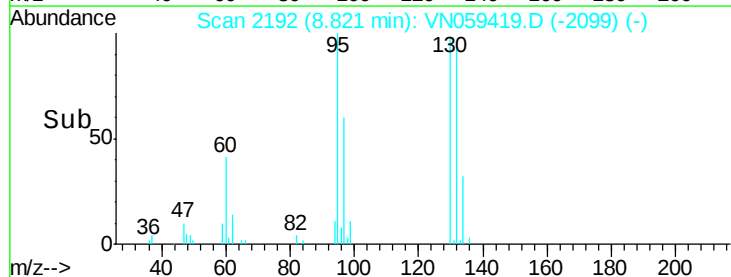
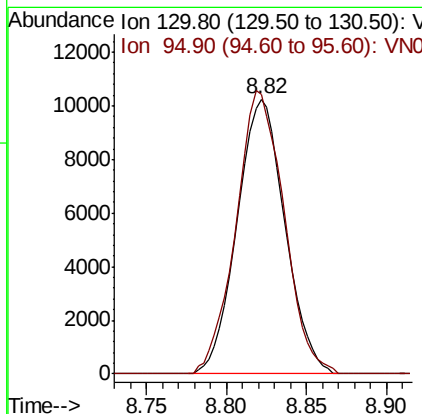
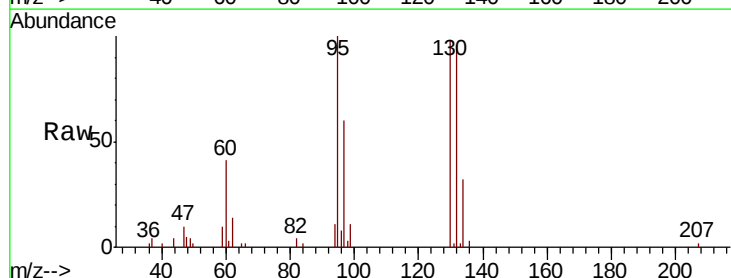
RT: 8.82 min Scan# 2192

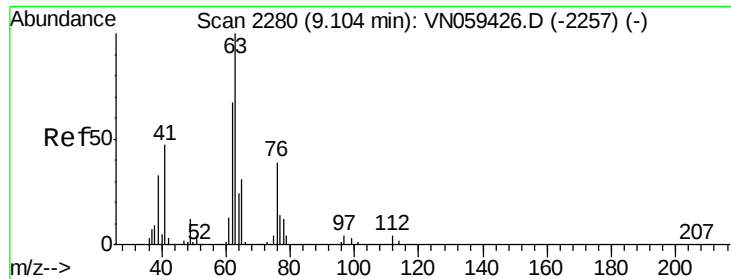
Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Tgt Ion:	130	Resp:	20947
Ion Ratio	Lower	Upper	
130	100		
95	101.9	0.0	199.6





#45

1,2-Dichloropropane

Concen: 5.113 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 21969

Ion Ratio Lower Upper

63 100

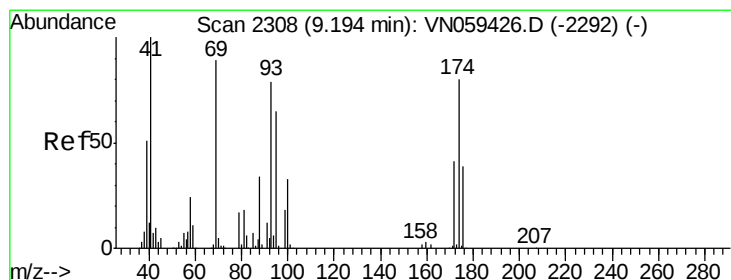
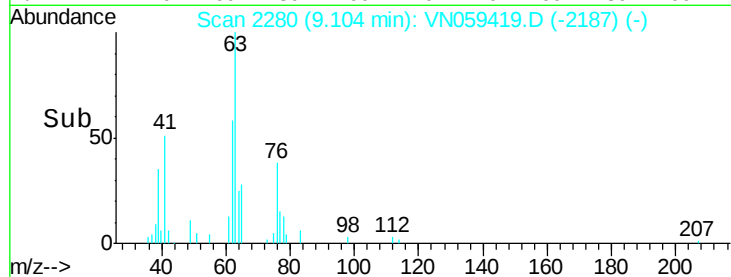
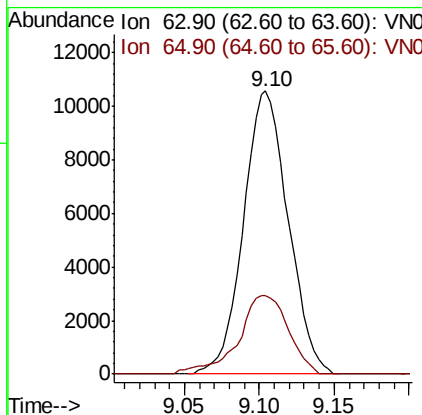
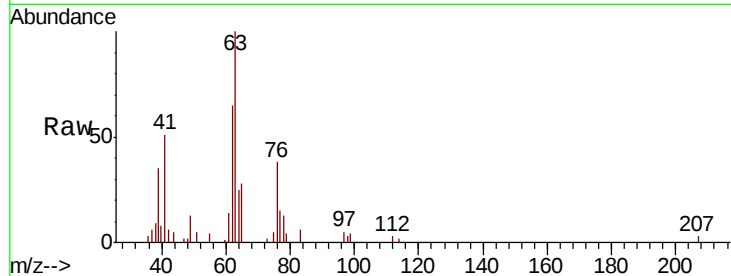
65 27.9 24.6 36.8

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#46

Dibromomethane

Concen: 5.063 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

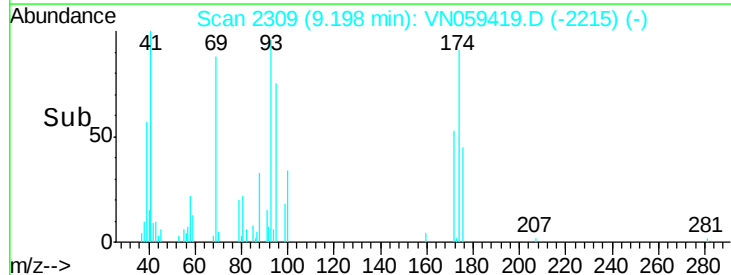
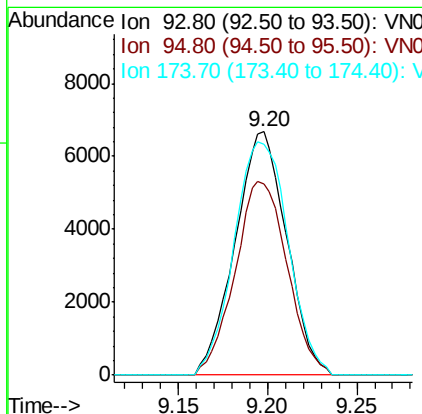
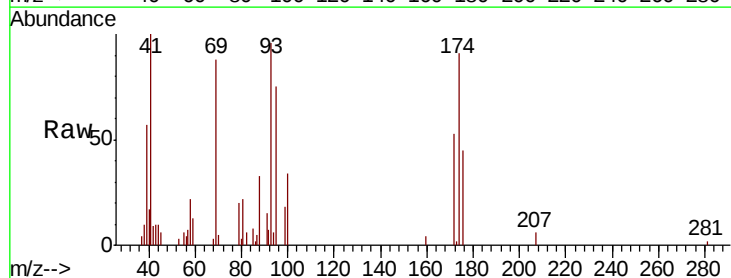
Tgt Ion: 93 Resp: 13426

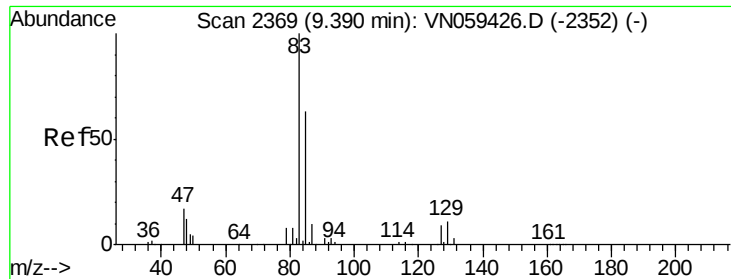
Ion Ratio Lower Upper

93 100

95 80.6 66.2 99.4

174 101.2 81.8 122.8





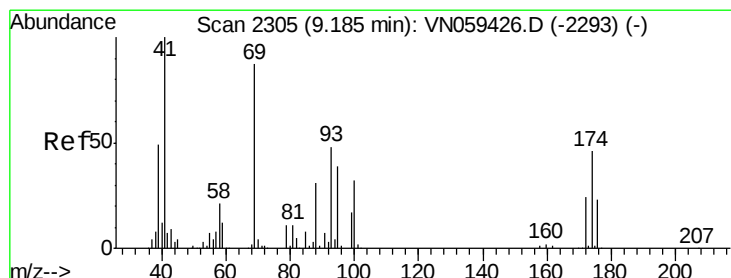
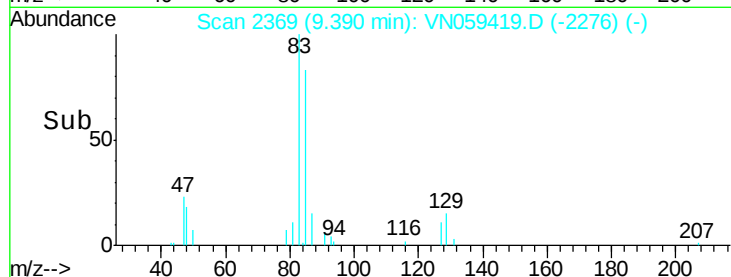
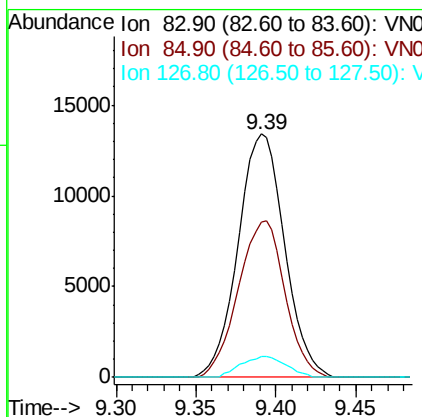
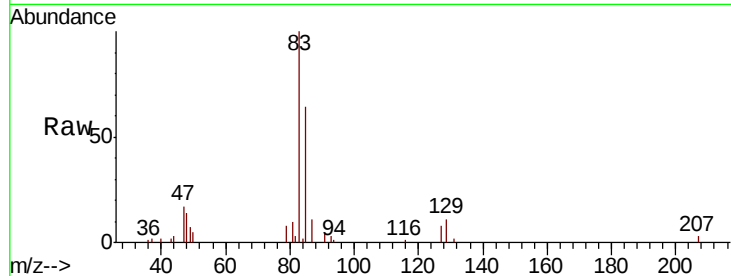
#47
Bromodichloromethane
Concen: 4.963 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.6	75.8
127	8.4	6.8	10.2

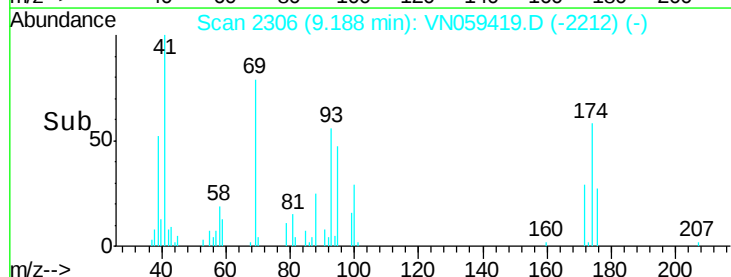
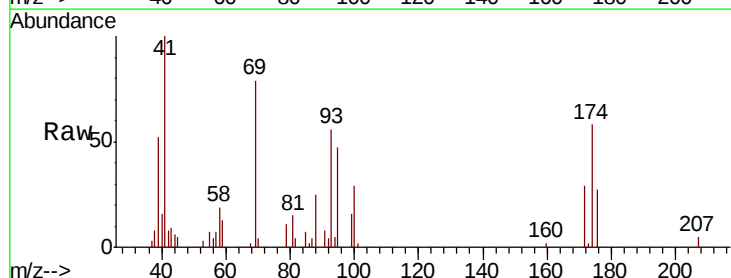
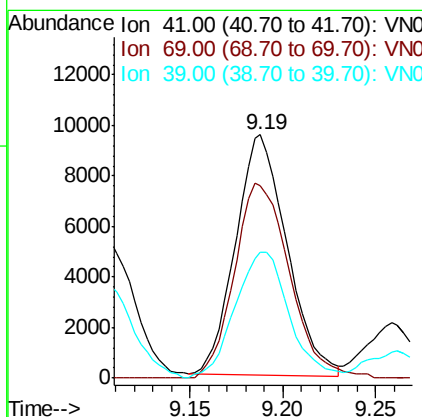
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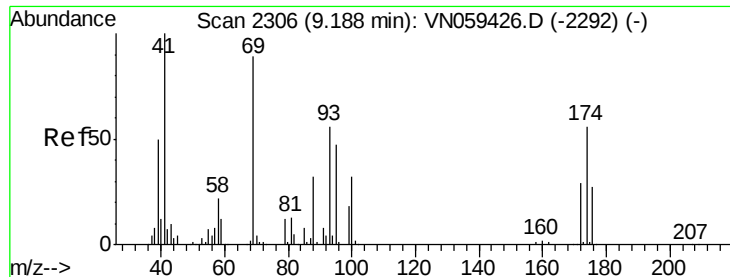
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#48
Methyl methacrylate
Concen: 4.630 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.4	71.6	107.4
39	55.2	41.3	61.9





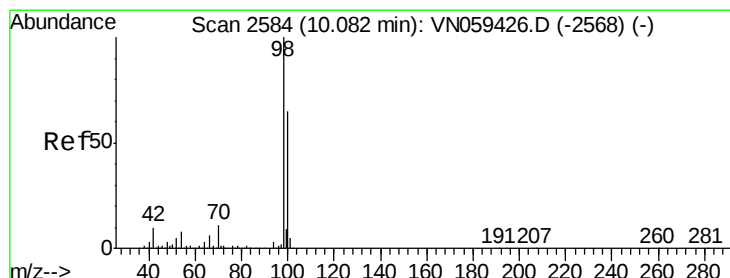
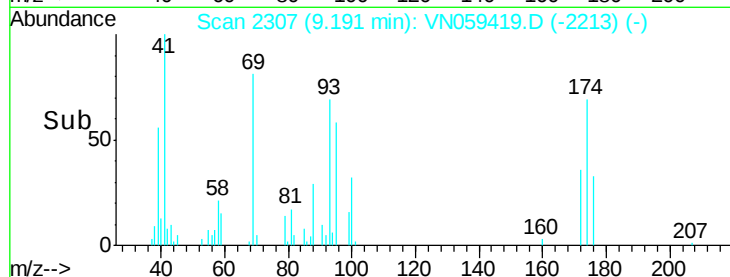
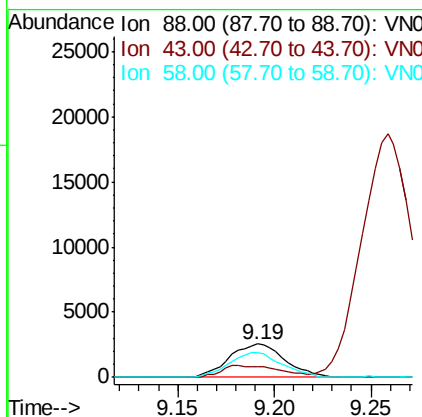
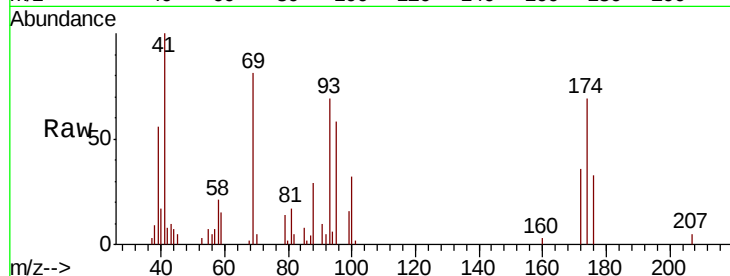
#49
1,4-Dioxane
Concen: 88.472 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	23.7	35.5#
58	70.6	56.3	84.5

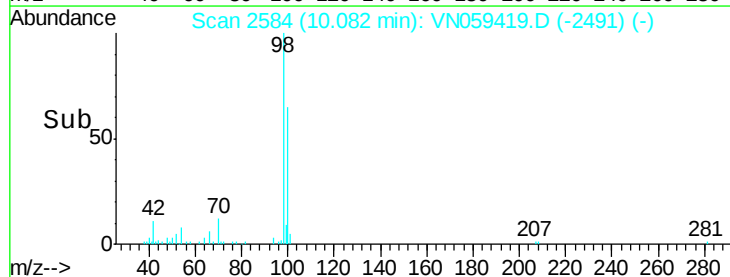
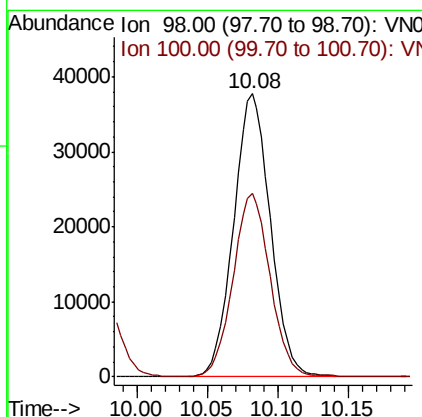
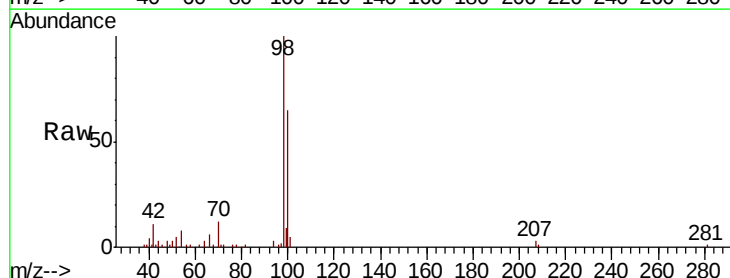
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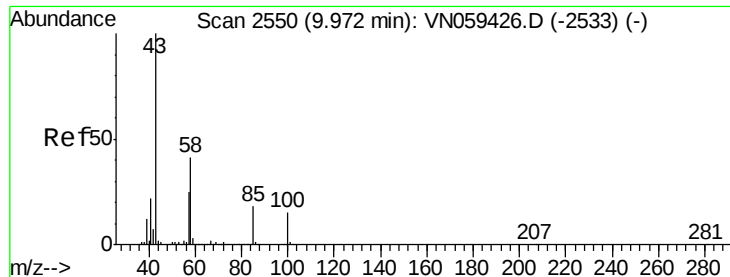
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#50
Toluene-d8
Concen: 4.934 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 24.317 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 125435

Ion Ratio Lower Upper

43 100

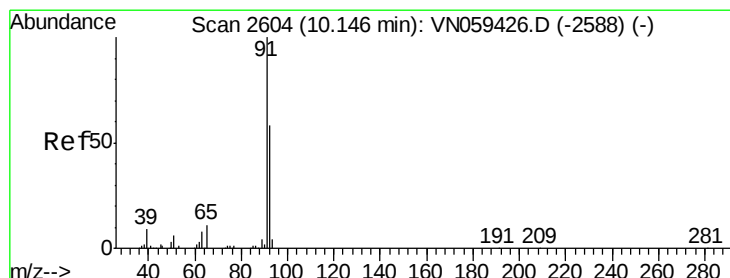
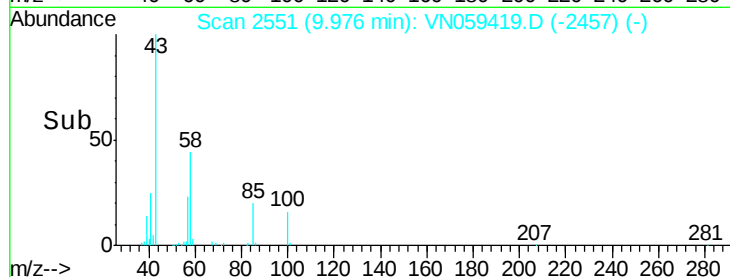
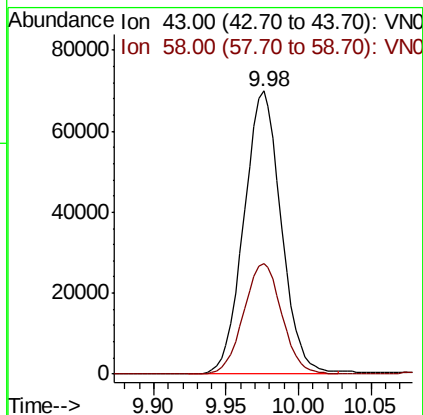
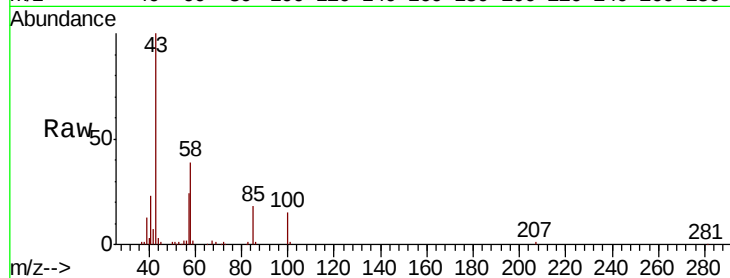
58 40.0 32.5 48.7

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#52

Toluene

Concen: 5.023 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059419.D

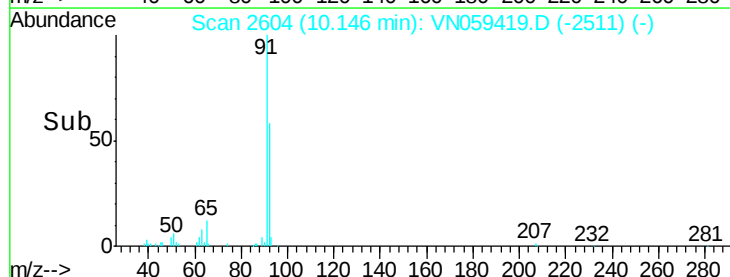
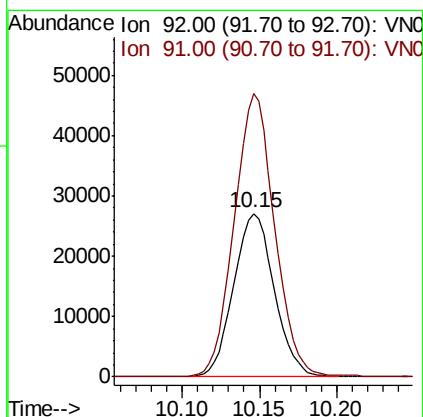
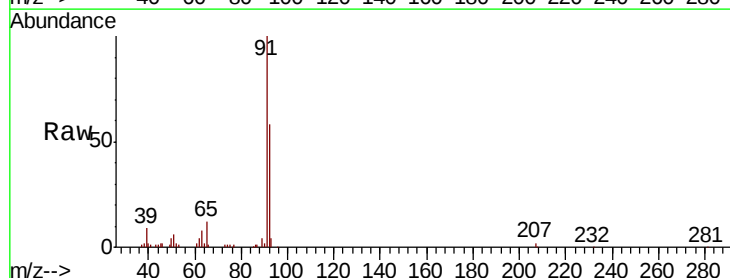
Acq: 27 Nov 2019 13:01

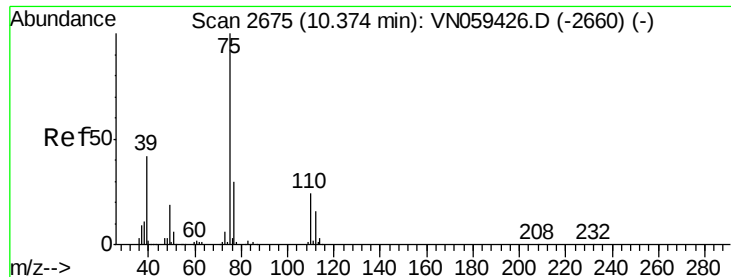
Tgt Ion: 92 Resp: 49295

Ion Ratio Lower Upper

92 100

91 172.7 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 4.787 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 75 Resp: 29503

Ion Ratio Lower Upper

75 100

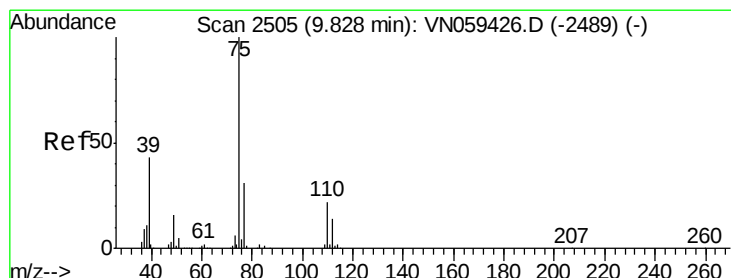
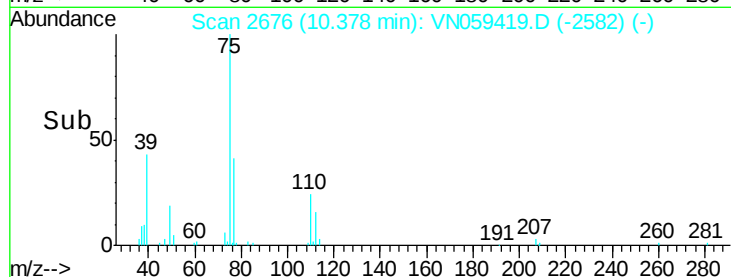
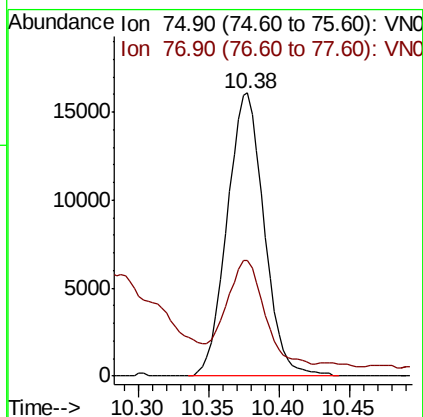
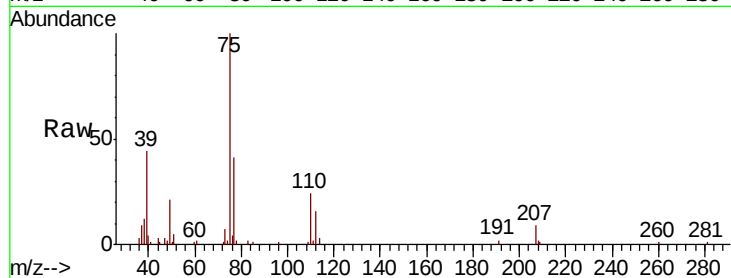
77 36.7 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 4.881 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

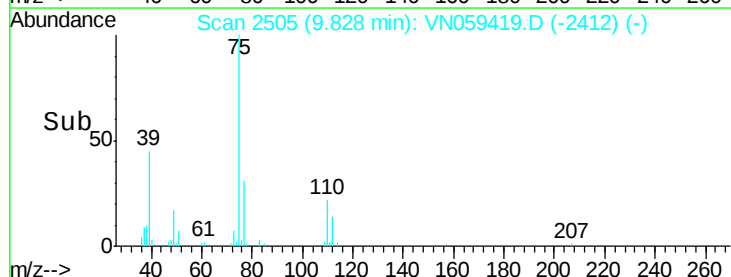
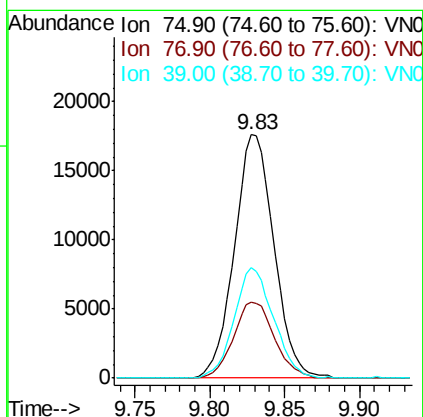
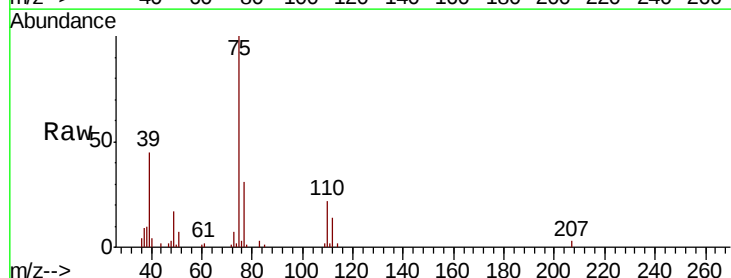
Tgt Ion: 75 Resp: 32470

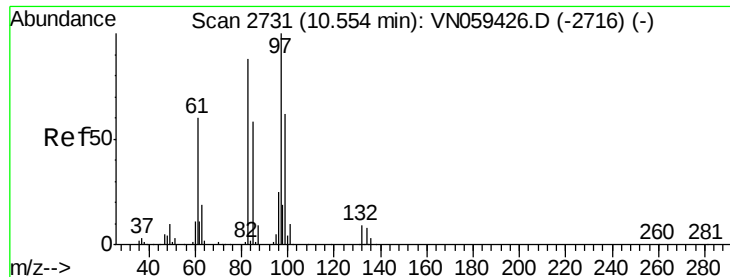
Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

39 45.2 34.0 51.0





#55

1,1,2-Trichloroethane

Concen: 4.971 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

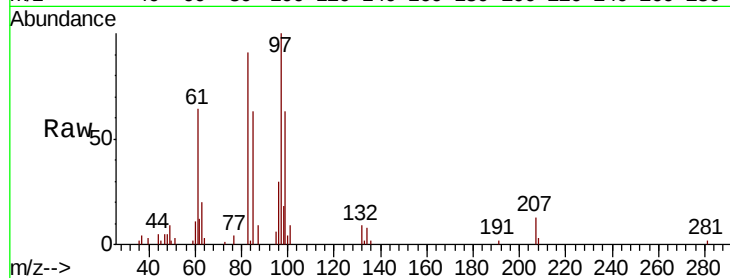
ClientSampled :

VSTDIC005

Tot Ion:	97	Resp:	19095
Ion	Ratio	Lower	Upper
97	100		
83	91.3	70.7	106.1
85	63.4	46.4	69.6
99	62.9	49.6	74.4

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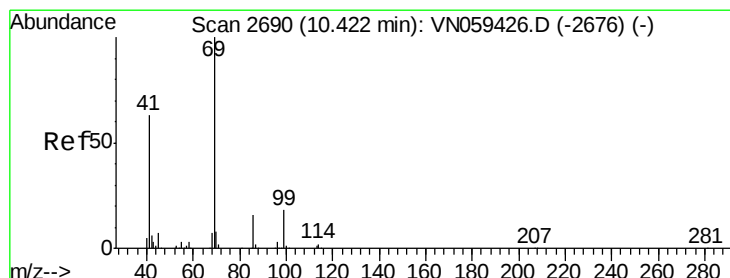
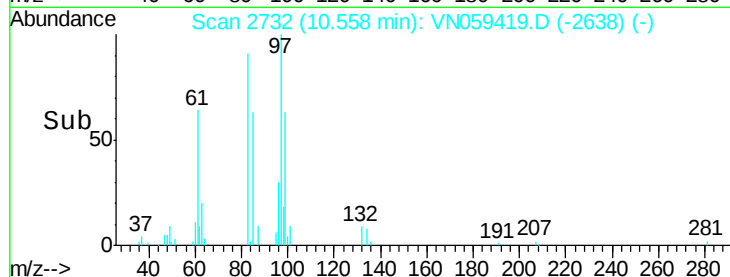
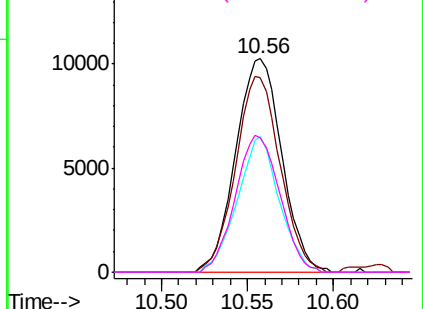
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 4.413 ug/l

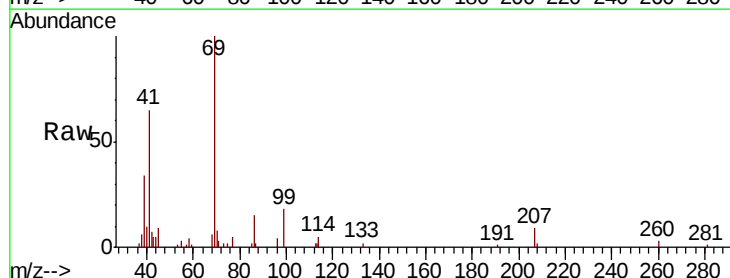
RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Tgt Ion:	69	Resp:	24725
Ion	Ratio	Lower	Upper
69	100		
41	66.1	50.1	75.1
39	32.4	23.9	35.9

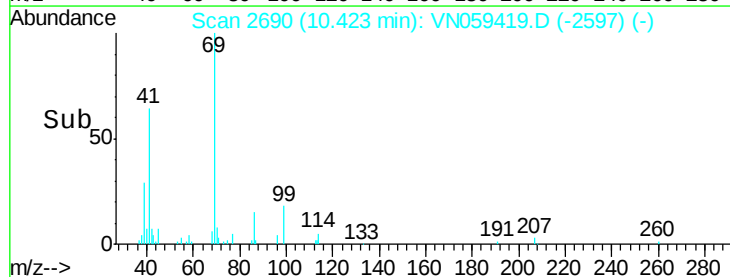
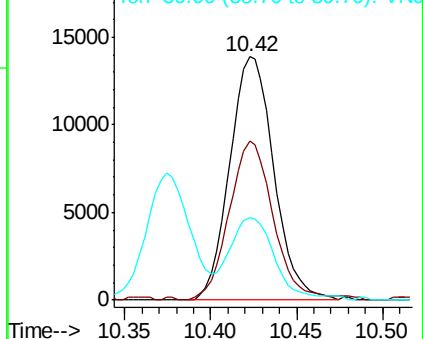


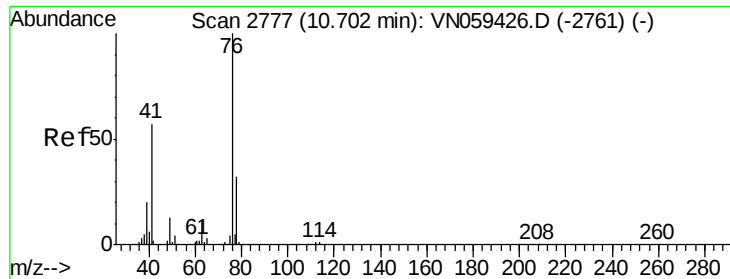
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





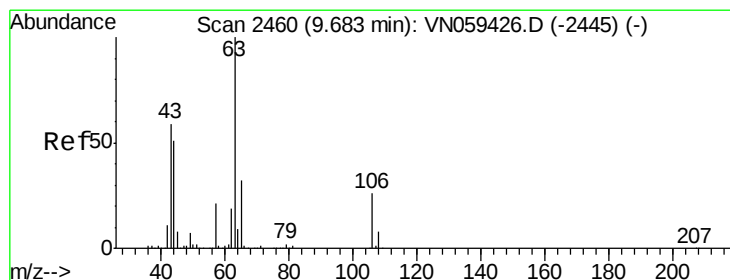
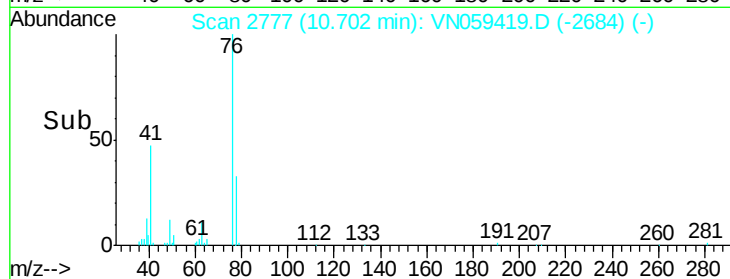
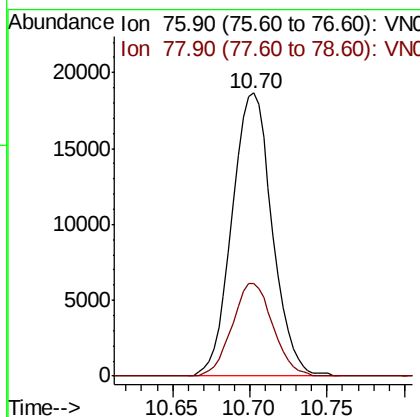
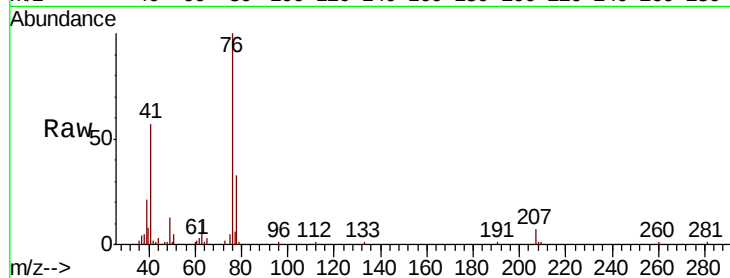
#57
 1,3-Dichloropropane
 Concen: 5.066 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.5	38.3

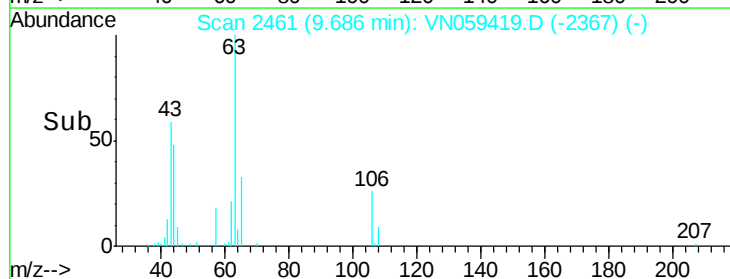
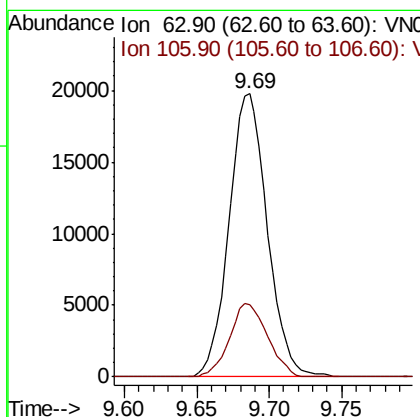
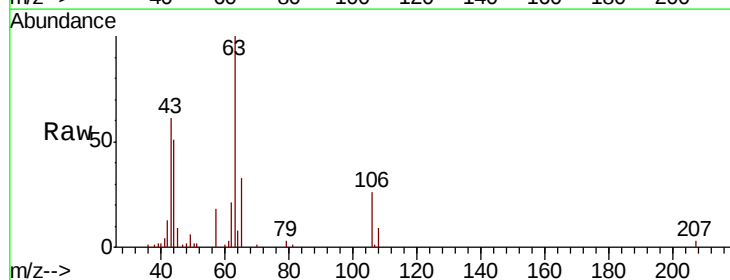
Manual Integrations
 APPROVED

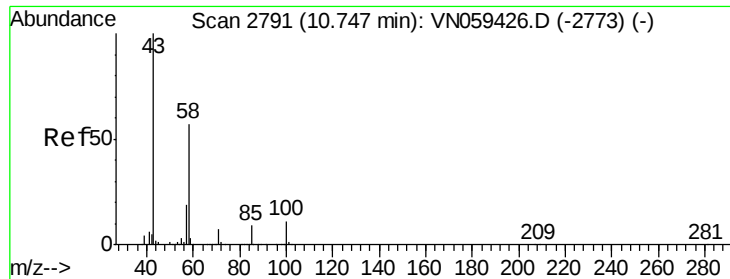
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 21.921 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.8	20.9	31.3





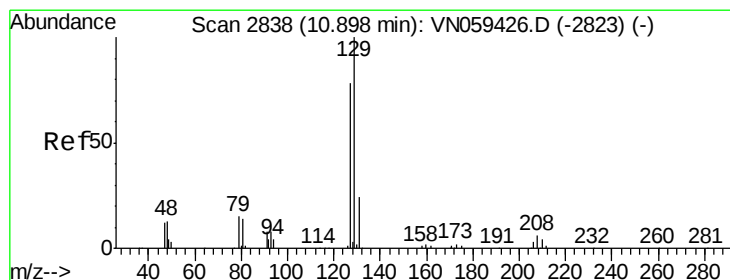
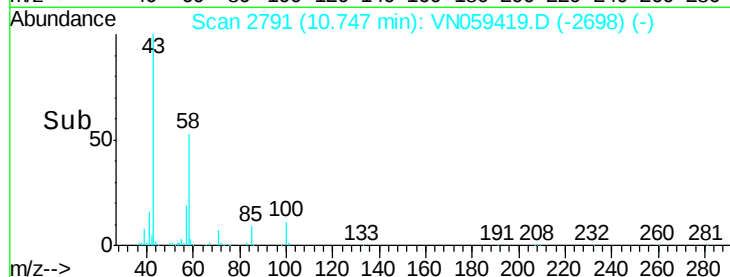
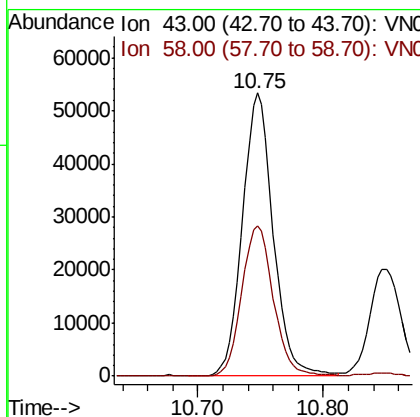
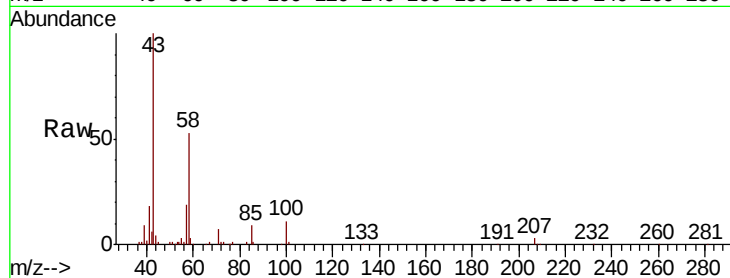
#59
2-Hexanone
Concen: 23.865 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	43	Resp	91281
Ion Ratio	43	100	
Lower	58	54.5	28.3
Upper			85.0

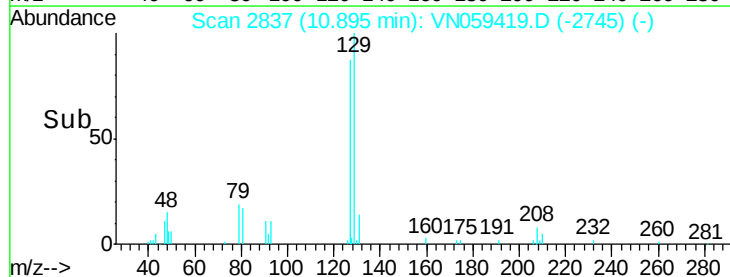
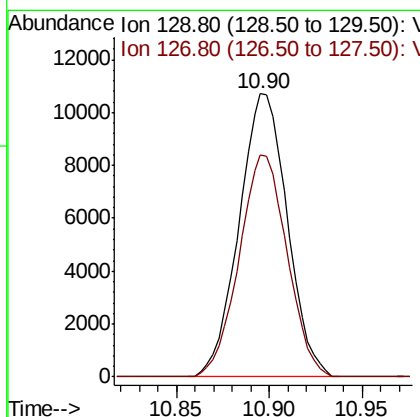
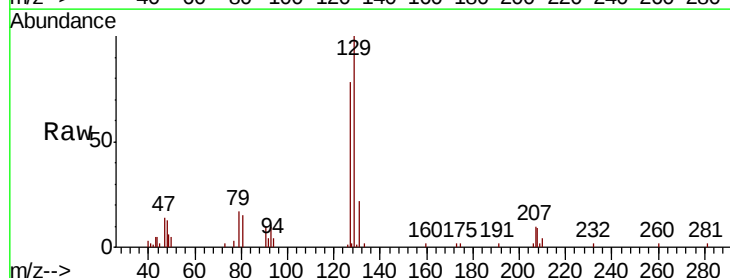
Manual Integrations
APPROVED

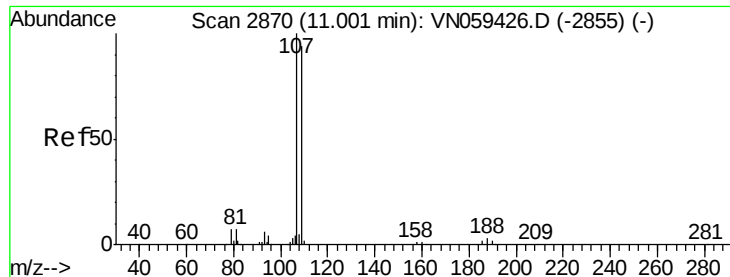
apatel
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#60
Dibromochloromethane
Concen: 4.839 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	129	Resp	19406
Ion Ratio	129	100	
Lower	127	77.9	38.6
Upper			116.0





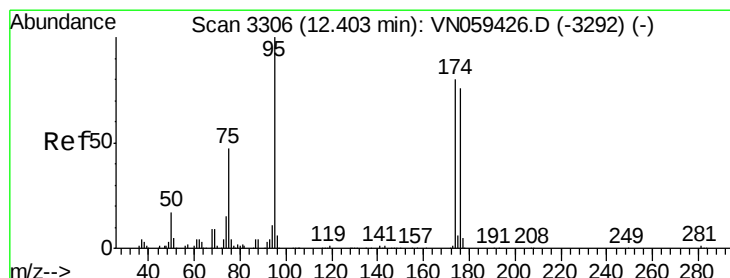
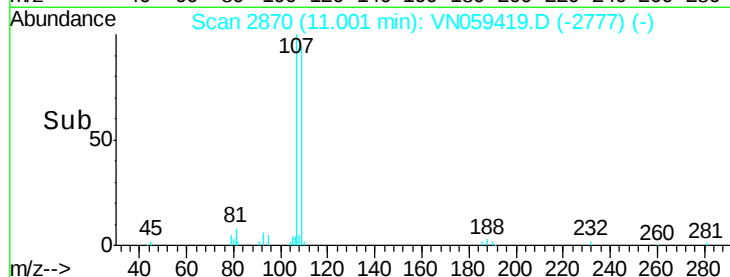
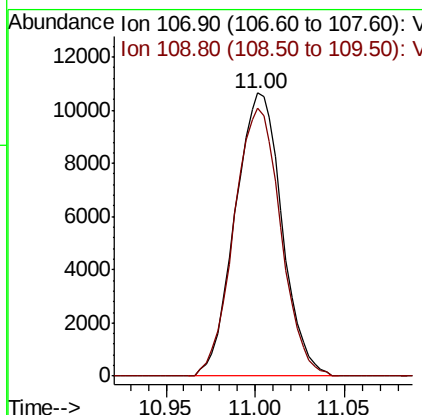
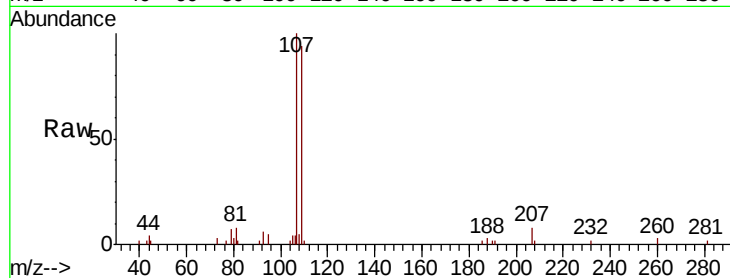
#61
 1,2-Dibromoethane
 Concen: 4.940 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.8	113.8

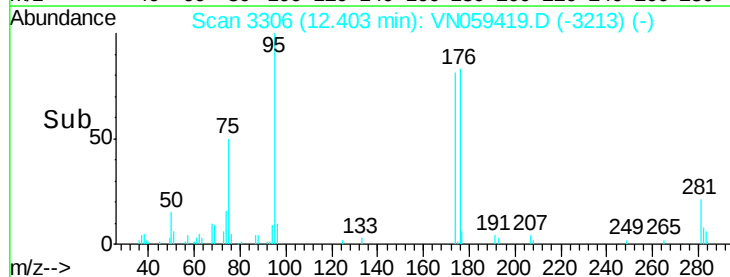
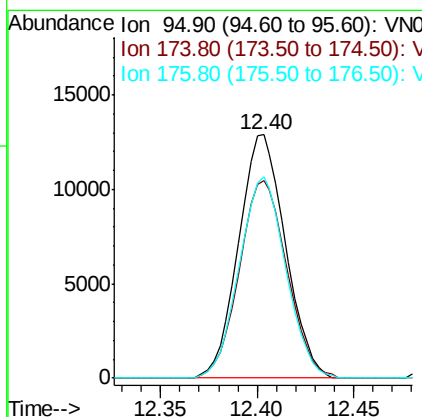
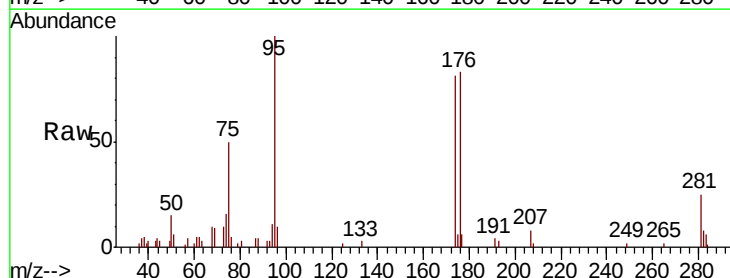
Manual Integrations
 APPROVED

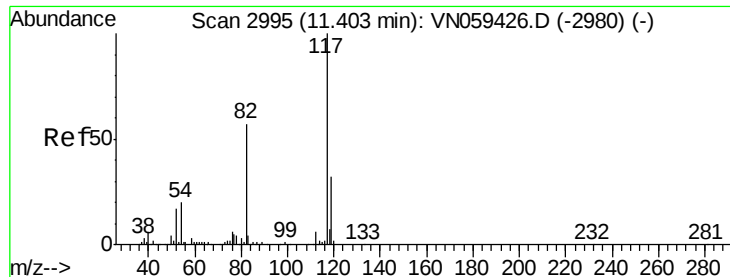
apatel
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#62
 4-Bromofluorobenzene
 Concen: 4.462 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	158.0
176	82.0	0.0	153.0





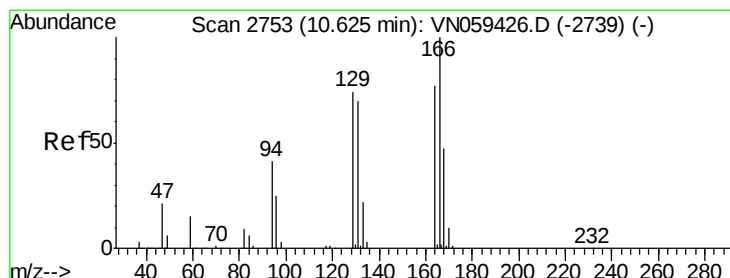
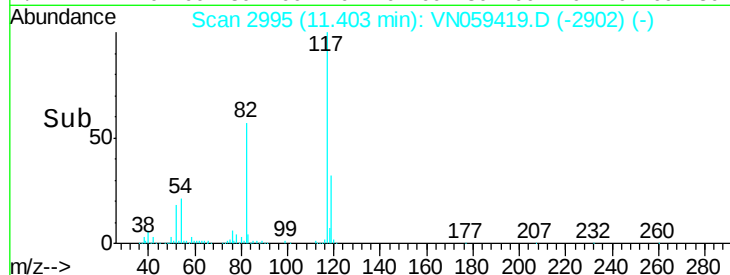
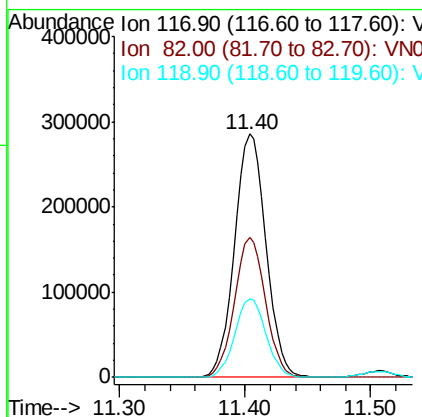
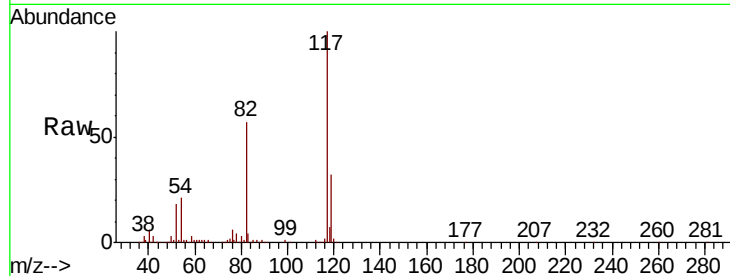
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	498480		
82	57.4		45.4	68.0
119	32.2		25.6	38.4

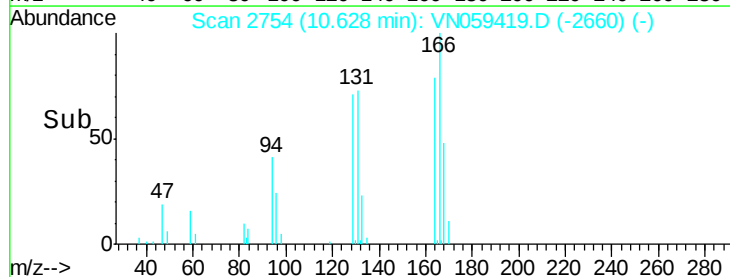
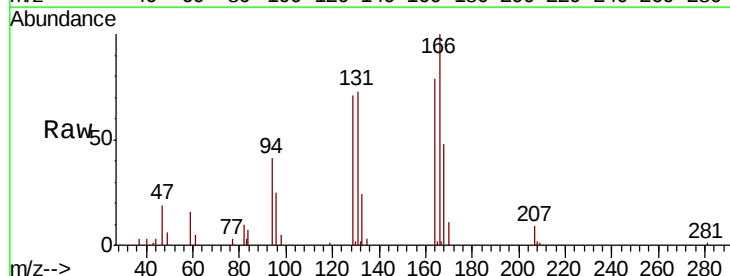
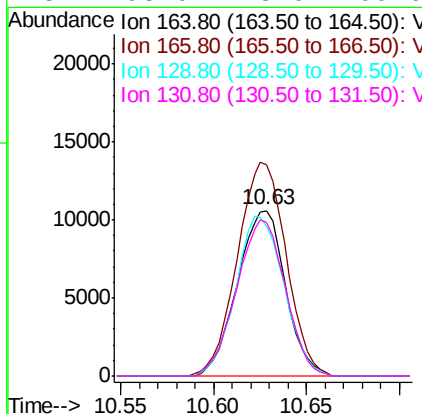
Manual Integrations
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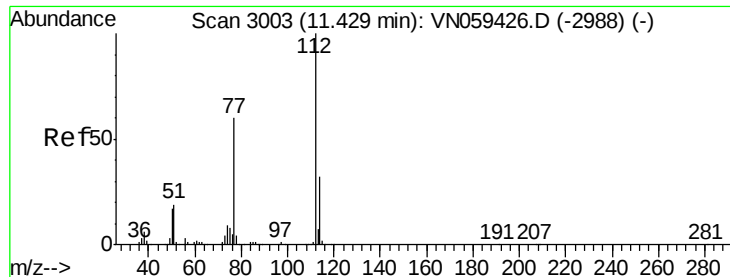
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#64
Tetrachloroethene
Concen: 5.182 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	19105		
166	127.3		104.2	156.4
129	90.3		76.8	115.2
131	93.0		73.0	109.6





#65

Chlorobenzene

Concen: 5.093 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 51401

Ion Ratio Lower Upper

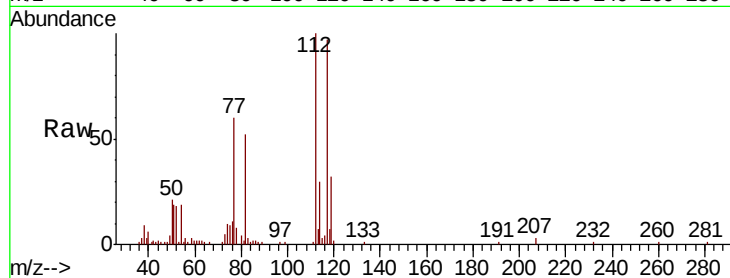
112 100

114 30.4 25.4 38.2

Manual Integrations
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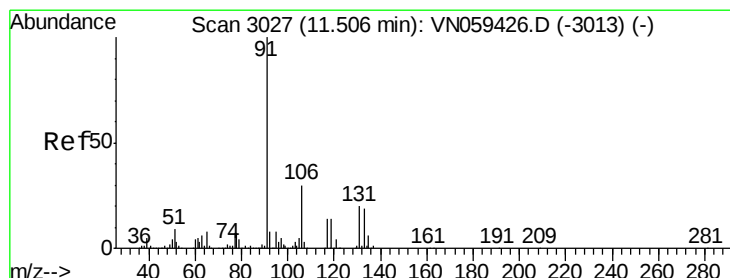
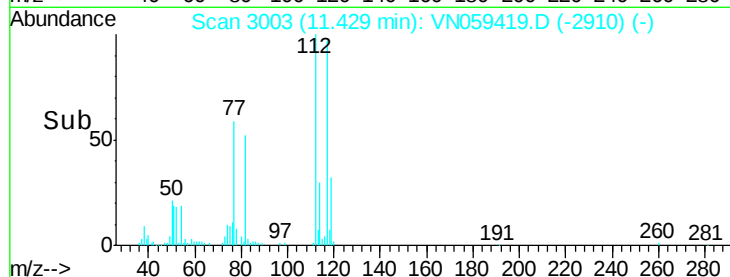
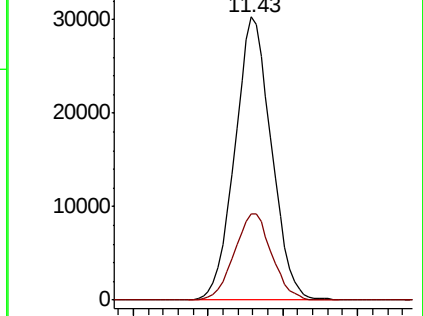
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.141 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

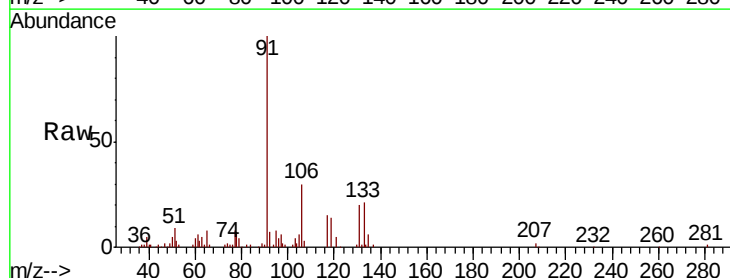
Tgt Ion:131 Resp: 18815

Ion Ratio Lower Upper

131 100

133 102.2 48.2 144.6

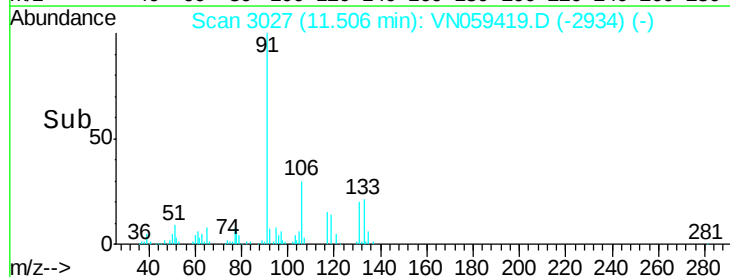
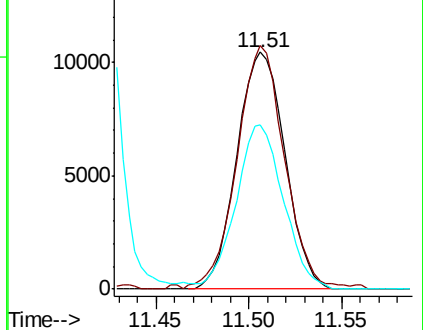
119 68.3 33.8 101.3

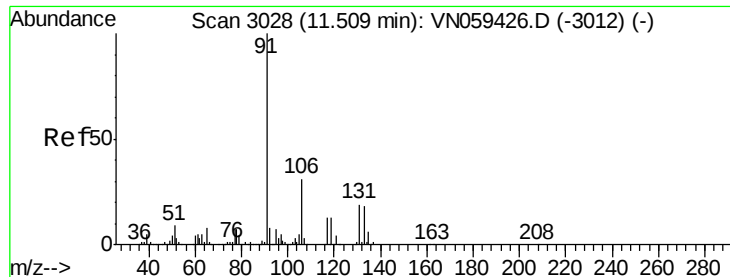


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





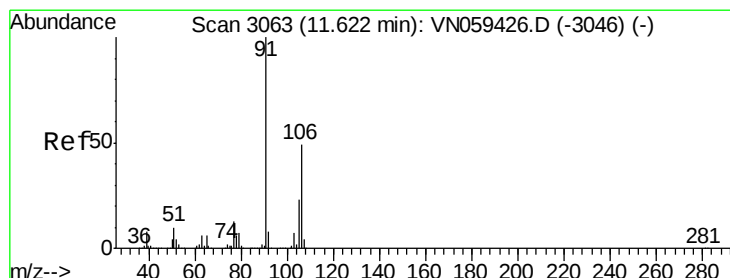
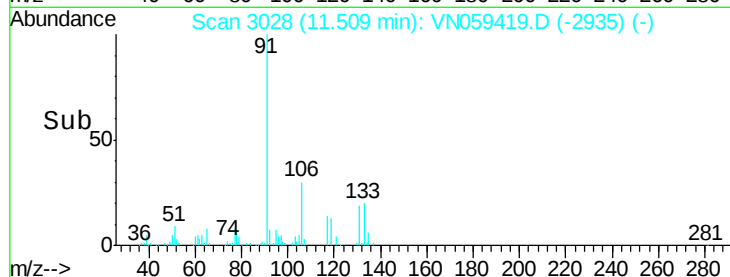
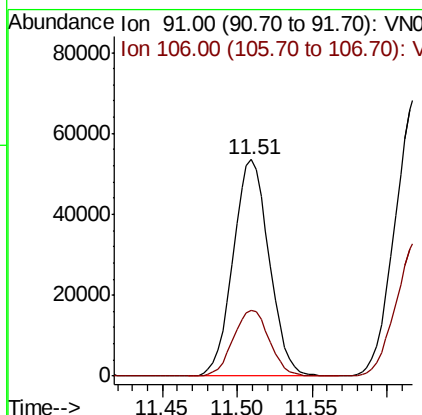
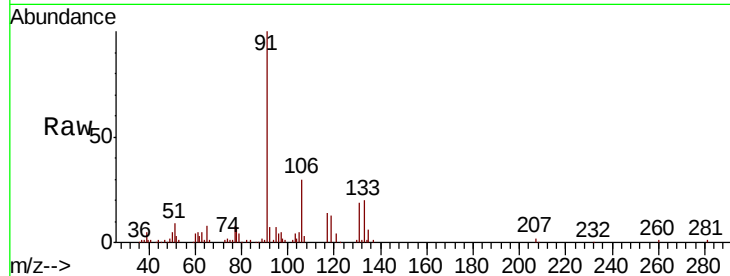
#67
Ethyl Benzene
Concen: 5.067 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 89806
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1

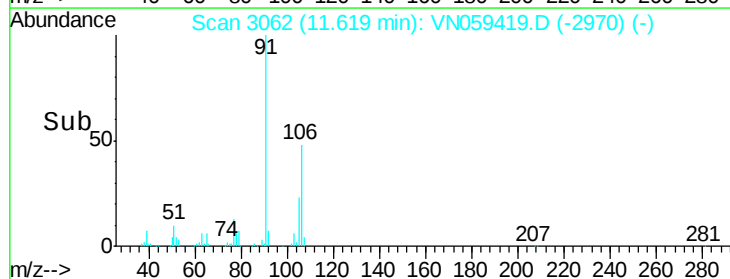
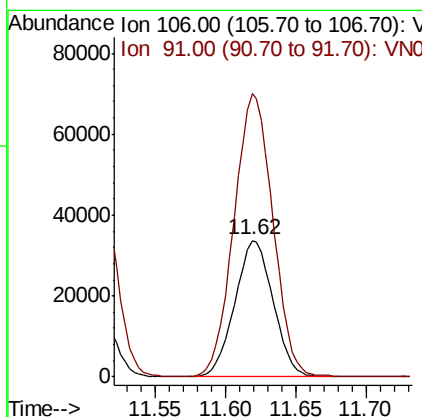
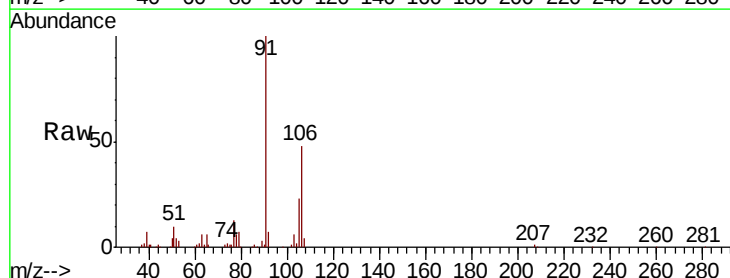
Manual Integrations
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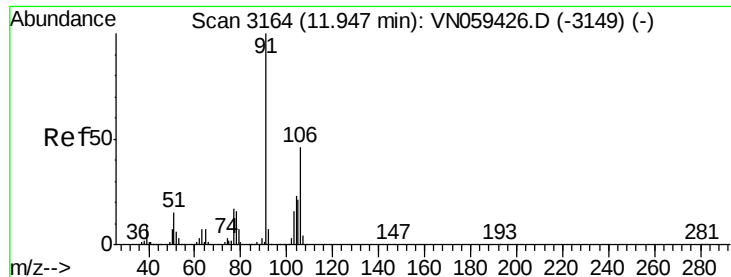
apatel
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#68
m/p-Xylenes
Concen: 9.734 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion: 106 Resp: 64418
Ion Ratio Lower Upper
106 100
91 210.3 163.7 245.5





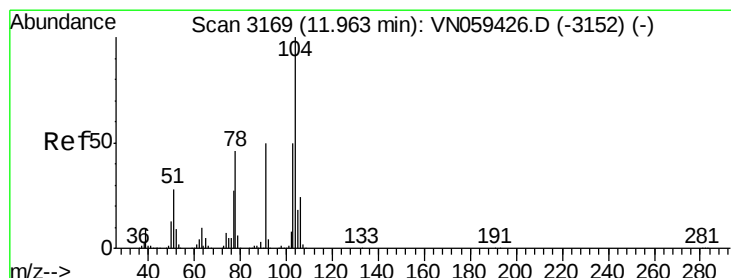
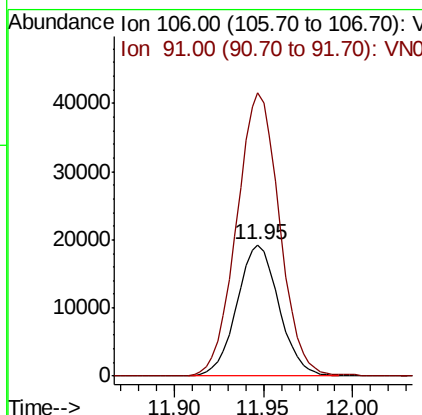
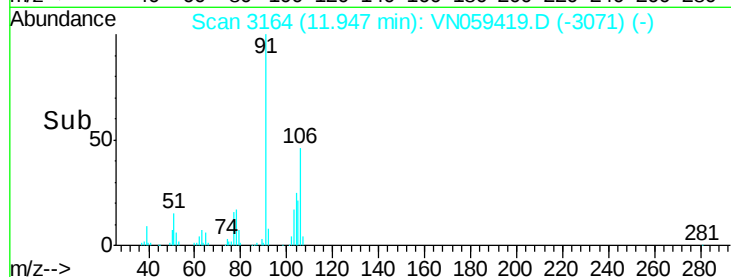
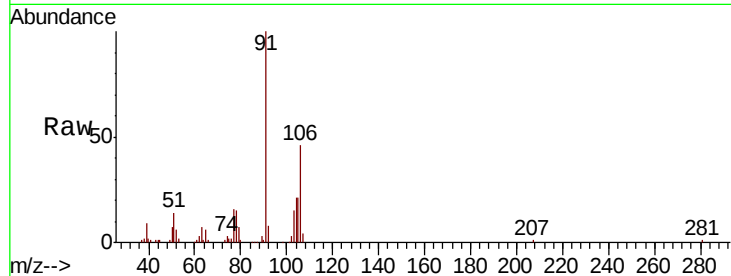
#69
o-Xylene
Concen: 4.972 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.9	107.5	322.4

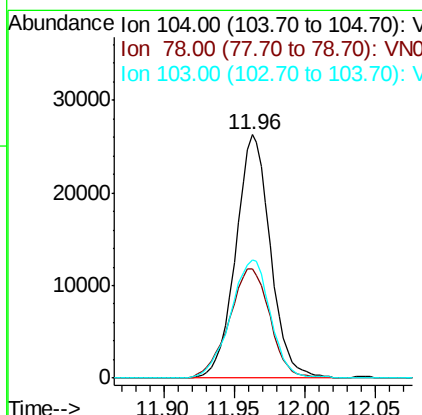
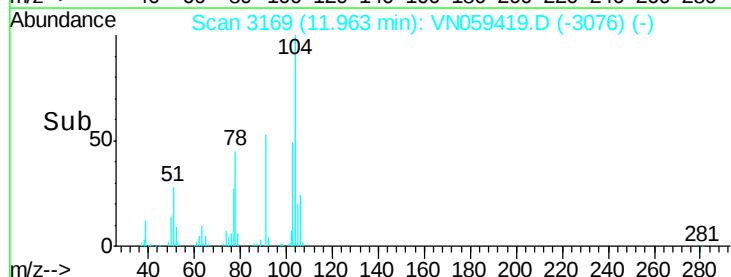
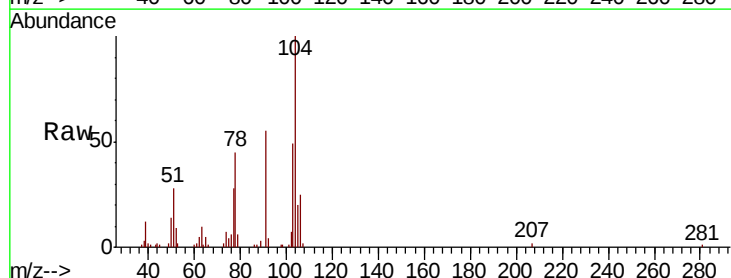
Manual Integrations
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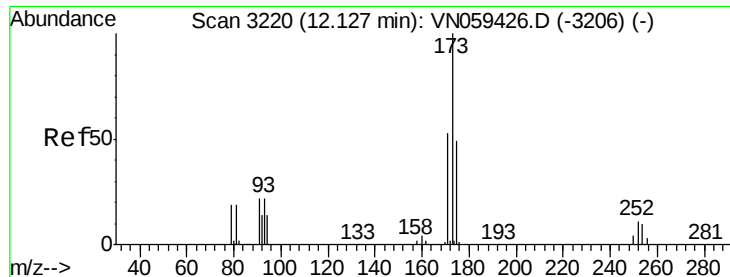
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#70
Styrene
Concen: 4.554 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.0	40.4	60.6
103	55.5	43.8	65.6





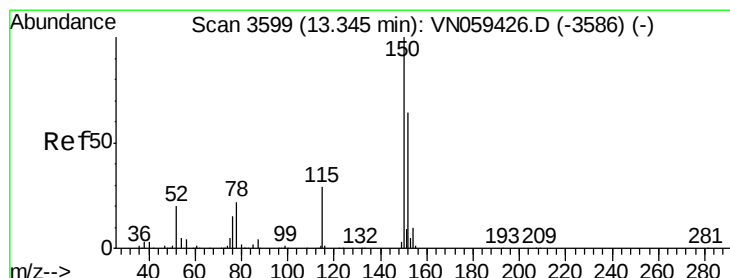
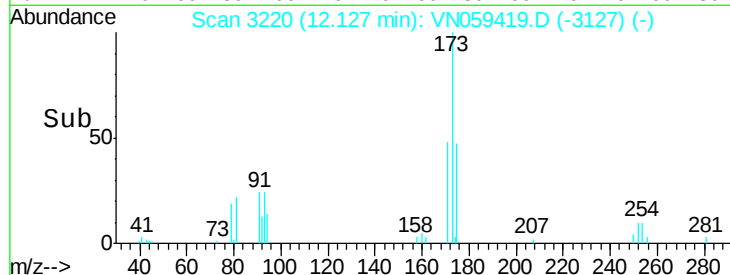
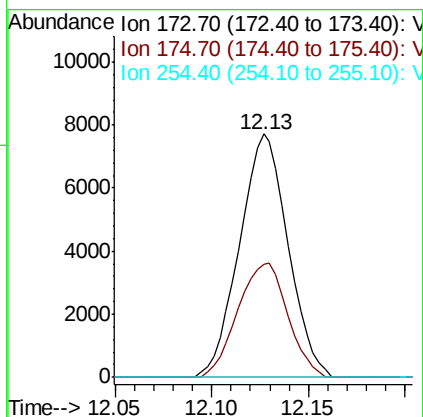
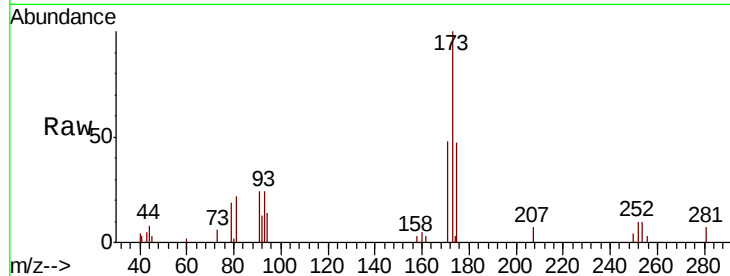
#71
Bromoform
Concen: 4.820 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.3
254	0.0	0.0	0.0

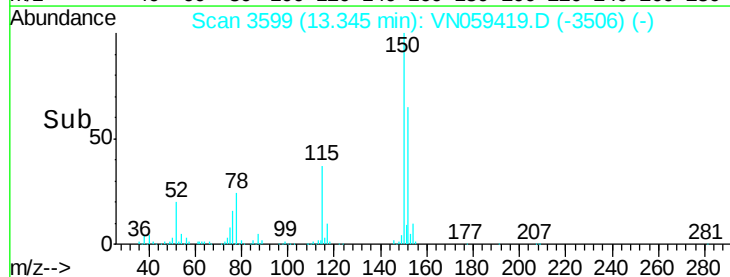
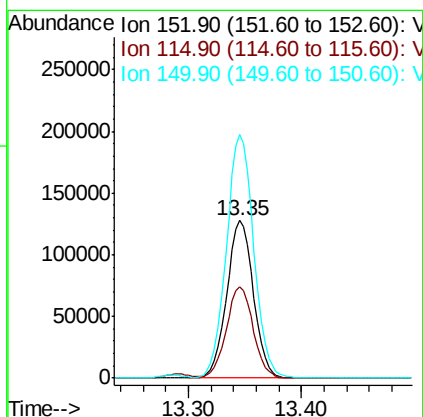
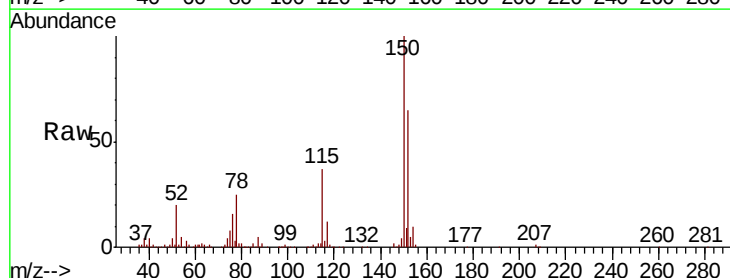
Manual Integrations
APPROVED

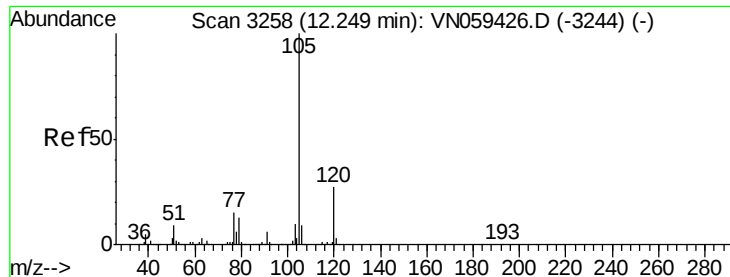
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.5	88.6
150	157.3	0.0	347.2





#73

Isopropylbenzene

Concen: 5.324 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 82493

Ion Ratio Lower Upper

105 100

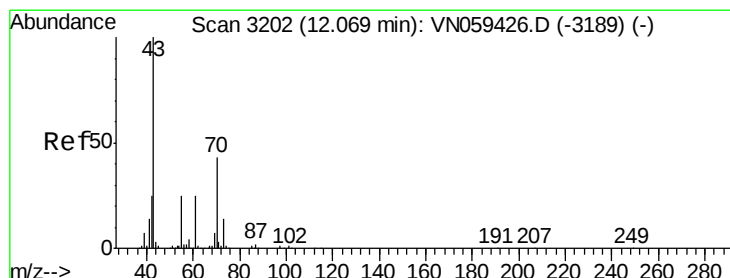
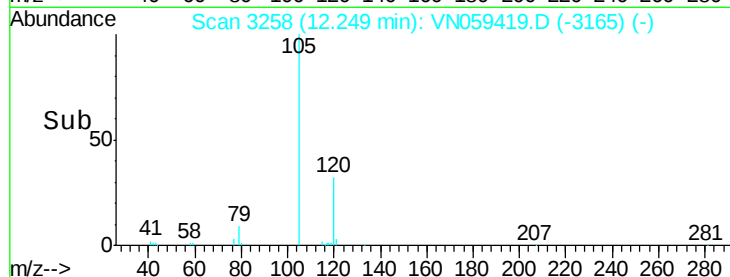
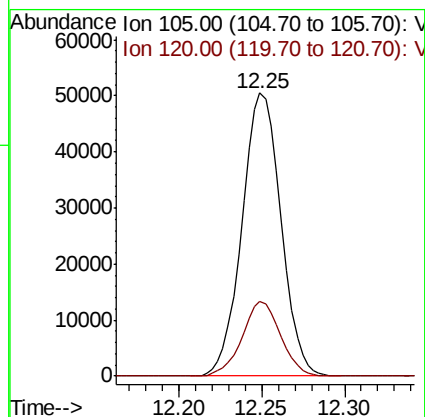
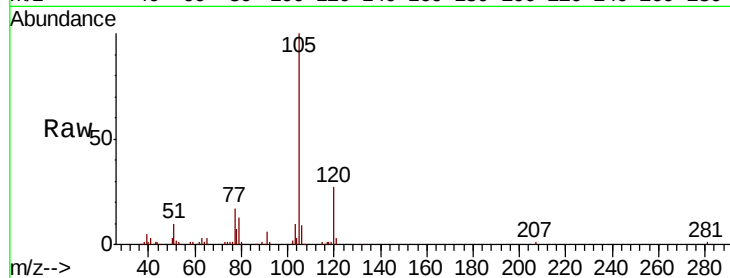
120 26.1 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 4.674 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Tgt Ion: 43 Resp: 27234

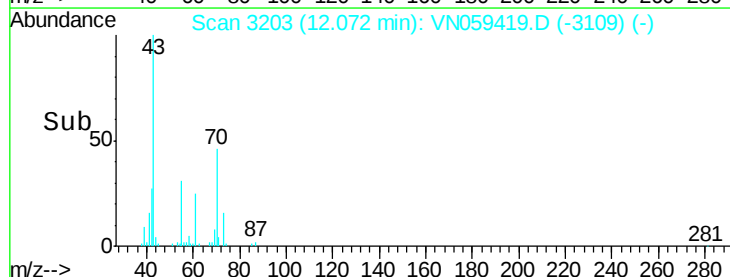
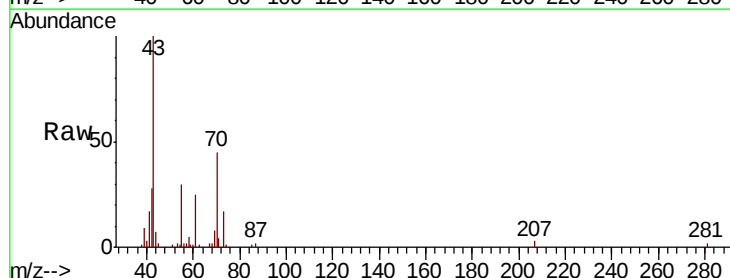
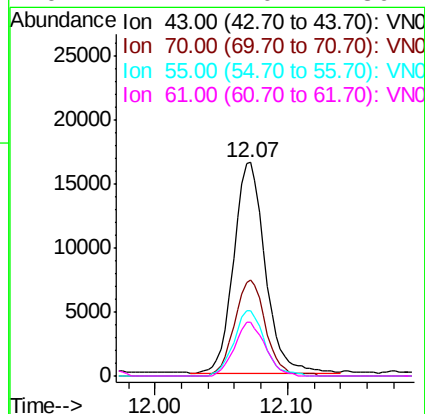
Ion Ratio Lower Upper

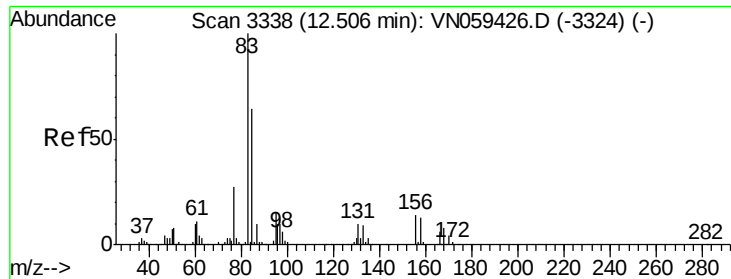
43 100

70 44.3 34.6 52.0

55 30.2 20.5 30.7

61 24.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.445 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

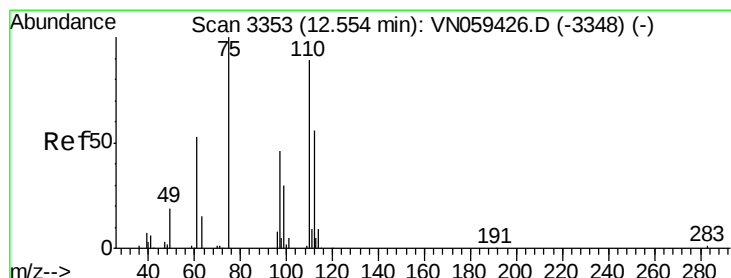
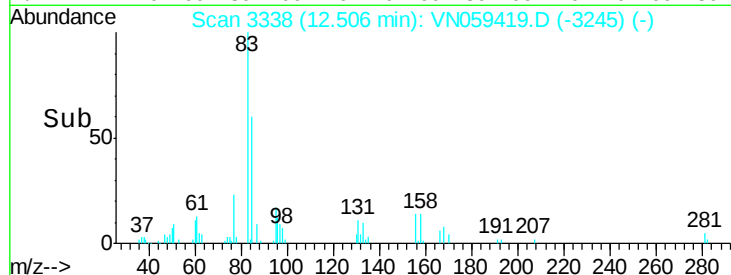
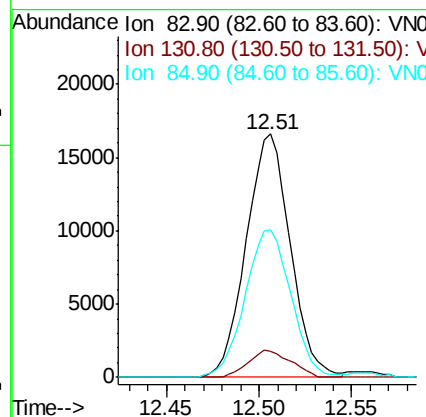
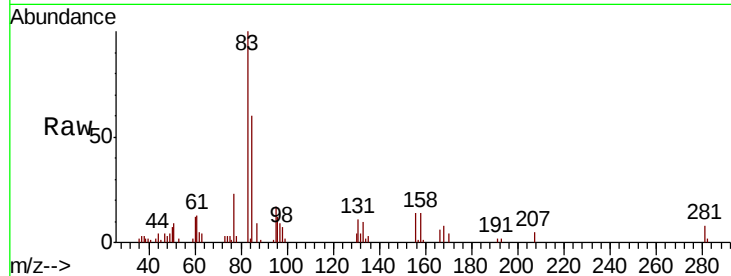
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	27510
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.0	15.0
85	62.6	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 5.301 ug/l m

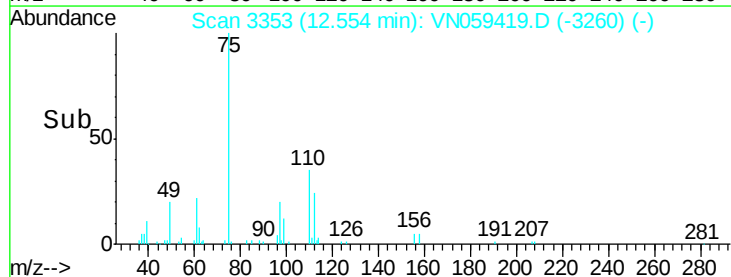
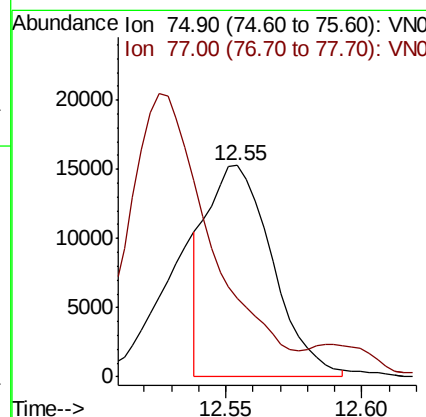
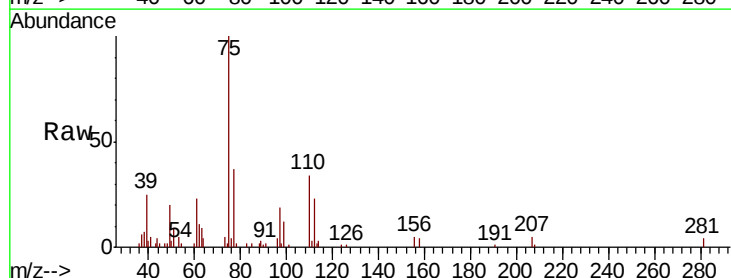
RT: 12.55 min Scan# 3353

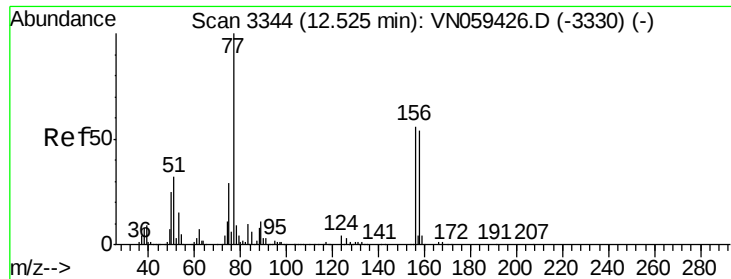
Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Tgt Ion:	75	Resp:	25611
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.349 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion:156 Resp: 20292

Ion Ratio Lower Upper

156 100

77 214.4 108.7 326.3

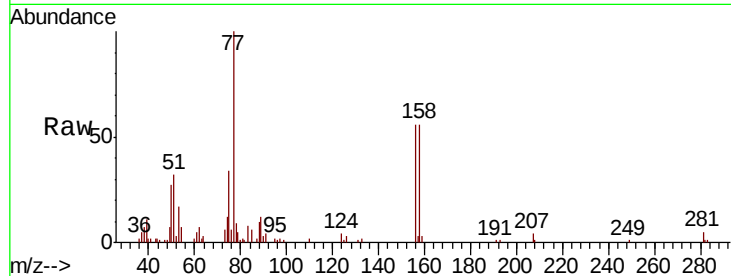
158 97.8 48.3 144.9

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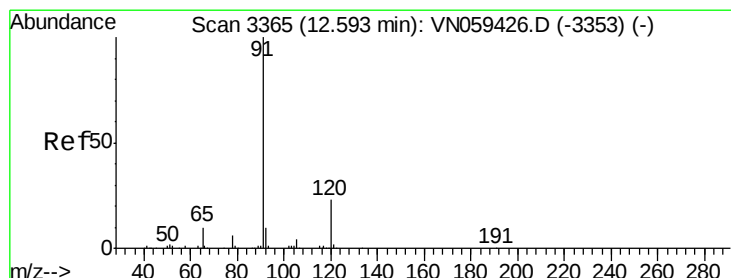
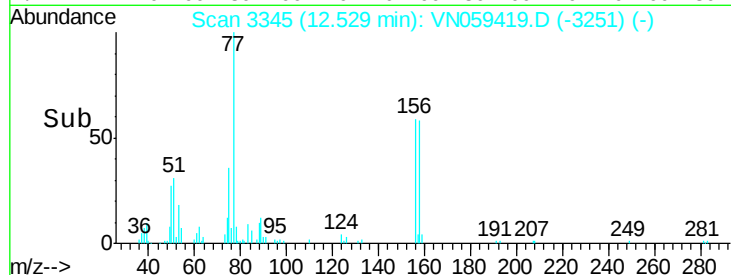
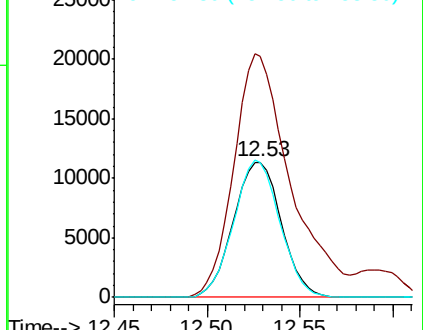
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.117 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059419.D

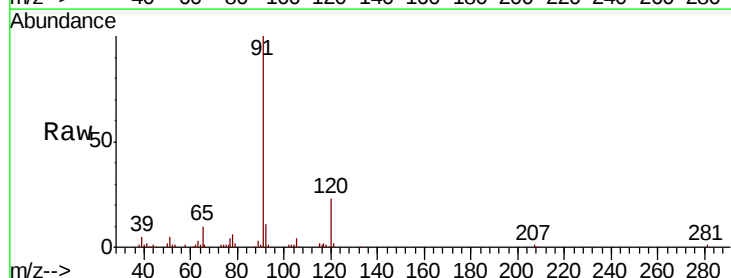
Acq: 27 Nov 2019 13:01

Tgt Ion: 91 Resp: 91366

Ion Ratio Lower Upper

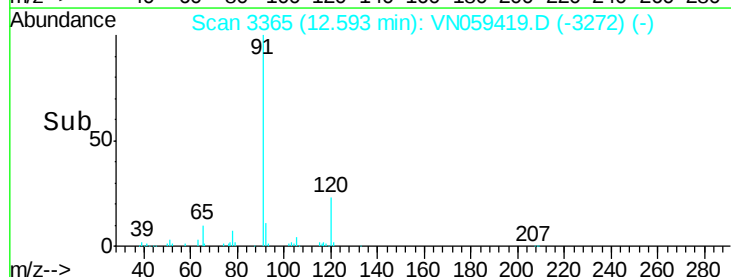
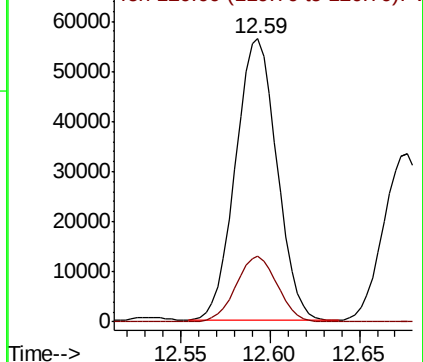
91 100

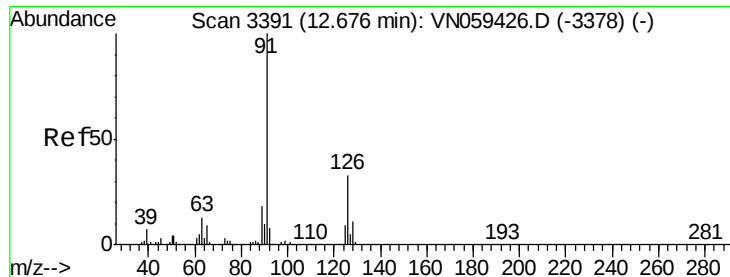
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





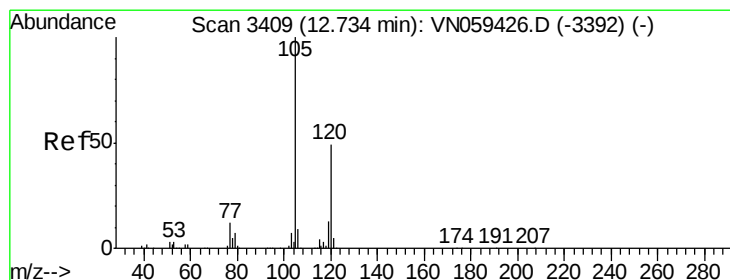
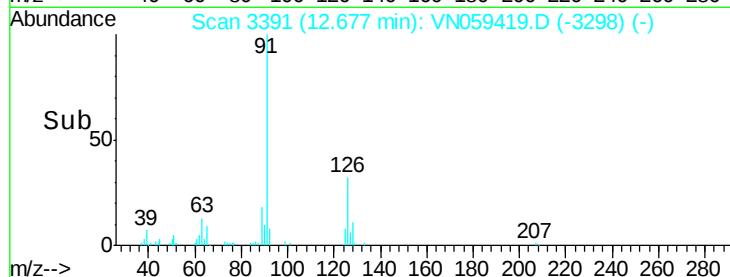
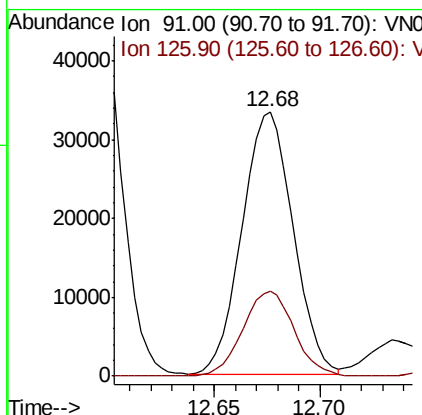
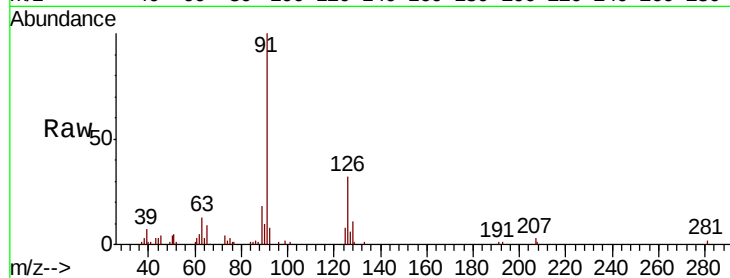
#79
 2-Chlorotoluene
 Concen: 5.251 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 56049
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.7 50.1

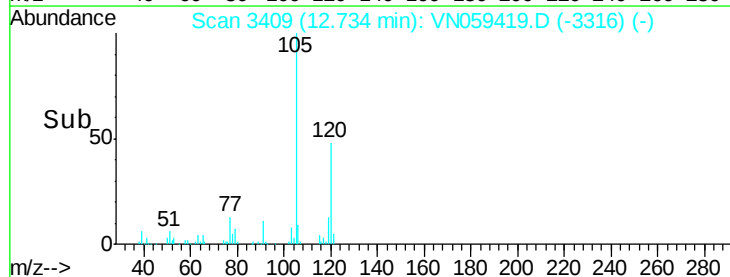
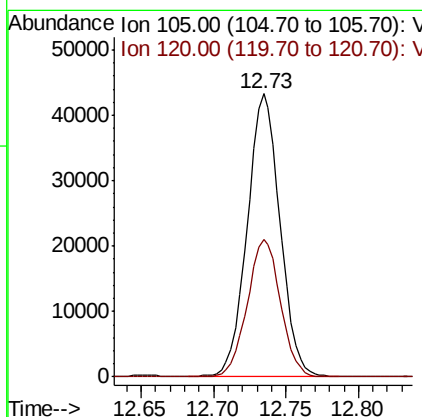
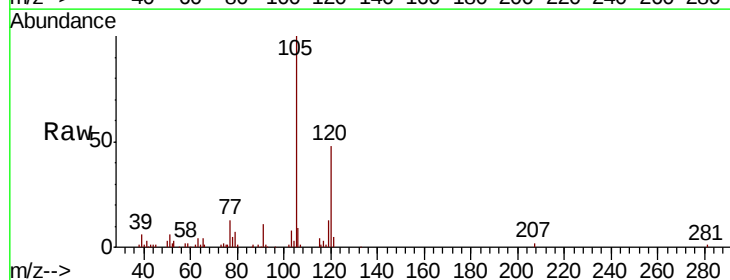
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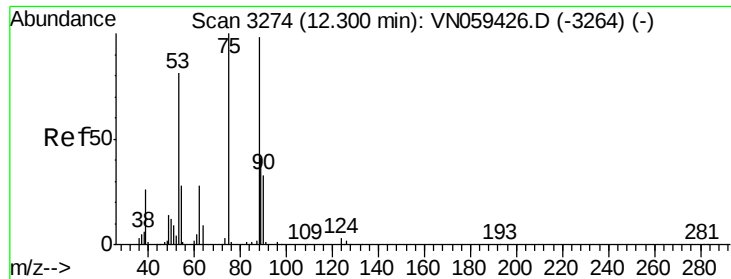
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#80
 1,3,5-Trimethylbenzene
 Concen: 5.238 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Tgt Ion: 105 Resp: 68213
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.766 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

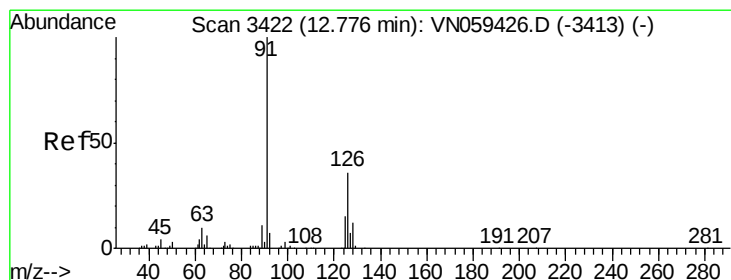
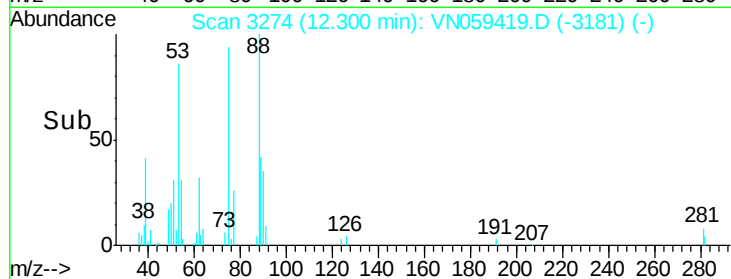
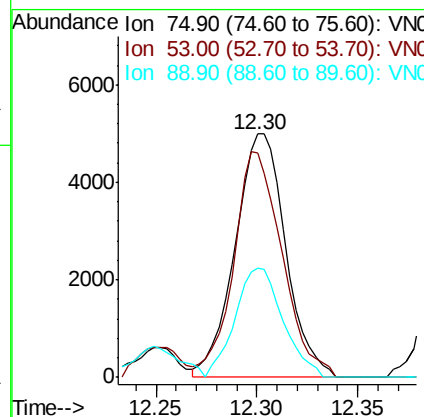
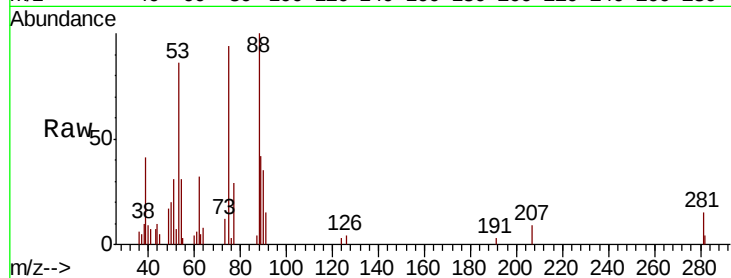
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	8776
Ion Ratio	Lower	Upper	
75	100		
53	88.9	66.2	99.4
89	42.4	33.9	50.9

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#82

4-Chlorotoluene

Concen: 5.244 ug/l

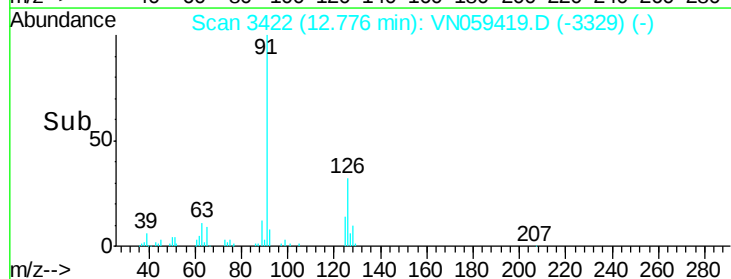
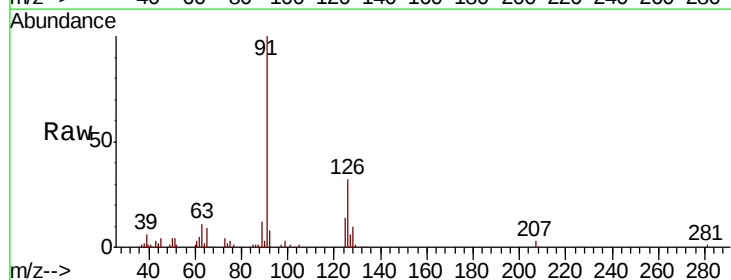
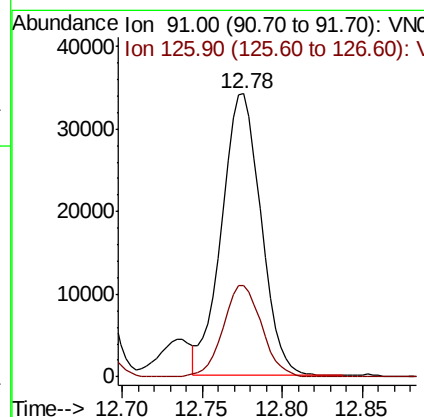
RT: 12.78 min Scan# 3422

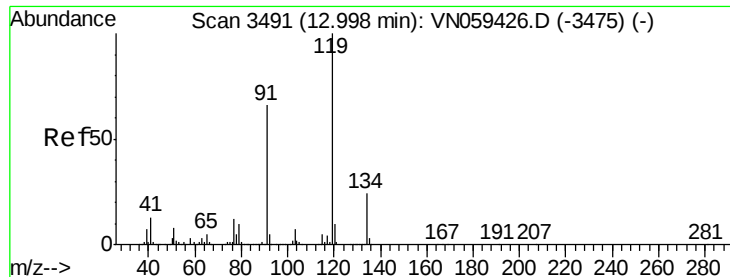
Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Tgt Ion:	91	Resp:	57647
Ion Ratio	Lower	Upper	
91	100		
126	31.6	16.7	50.0





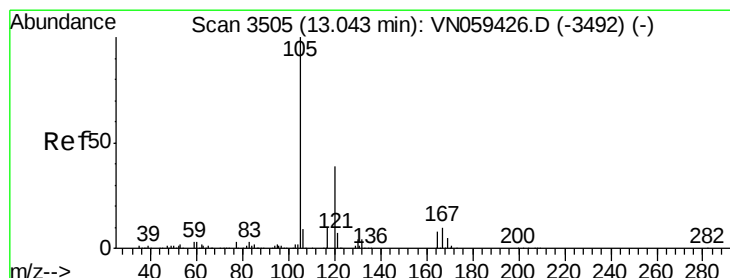
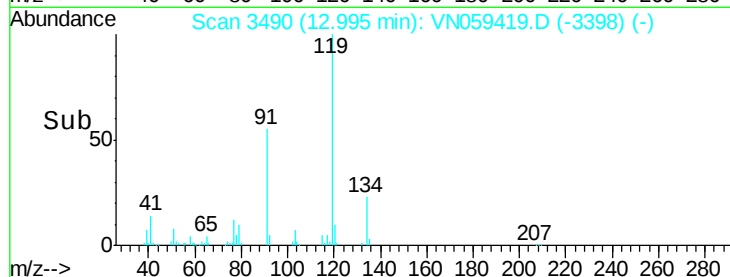
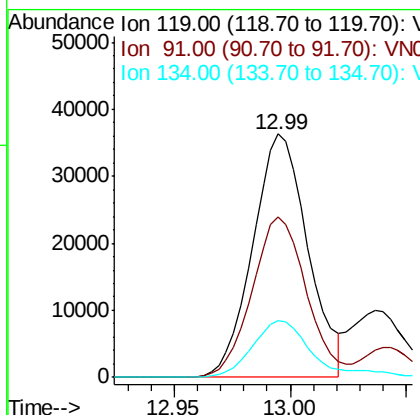
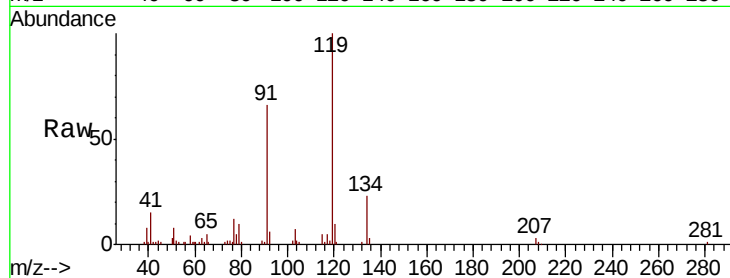
#83
tert-Butylbenzene
Concen: 5.363 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.2	32.8	98.4
134	25.3	12.9	38.6

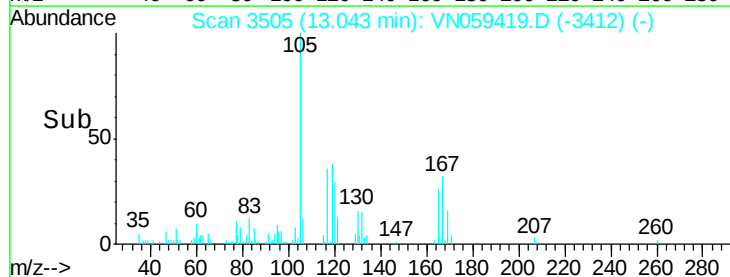
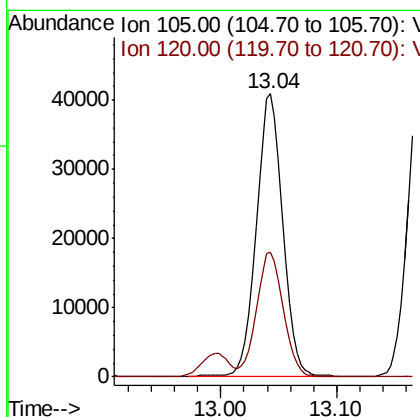
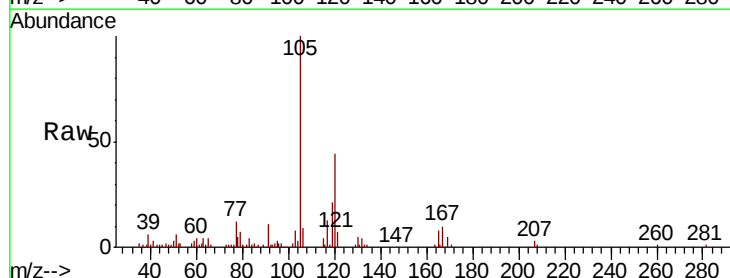
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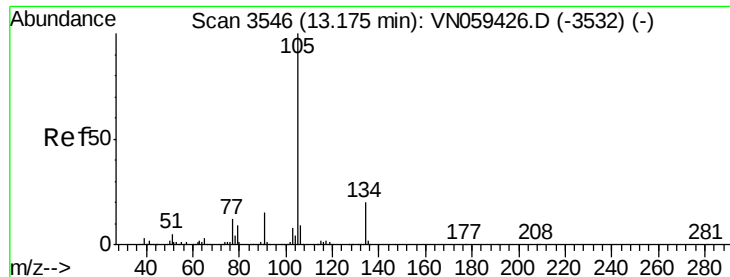
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 5.139 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.9	68.7





#85

sec-Butylbenzene

Concen: 5.254 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Instrument :

MSVOA_N

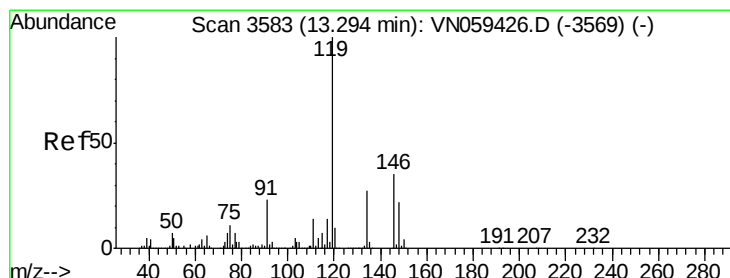
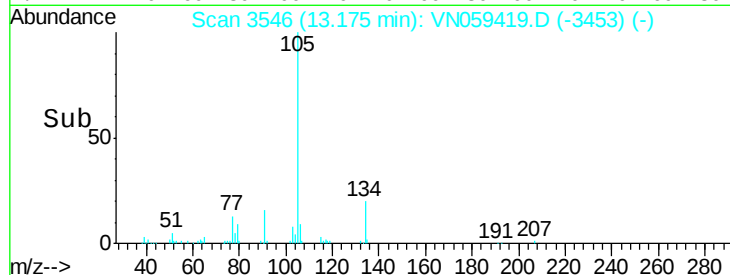
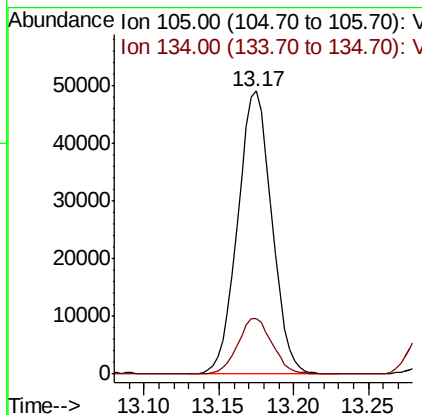
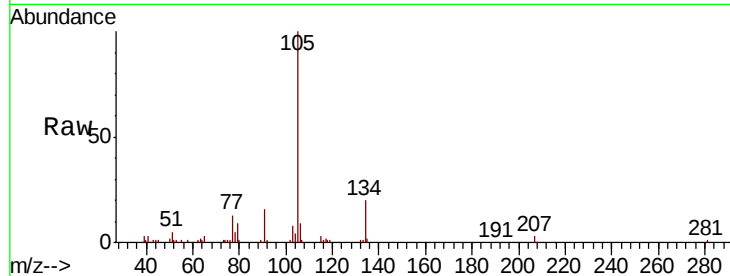
ClientSampled :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.9	29.7

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#86

p-Isopropyltoluene

Concen: 4.990 ug/l

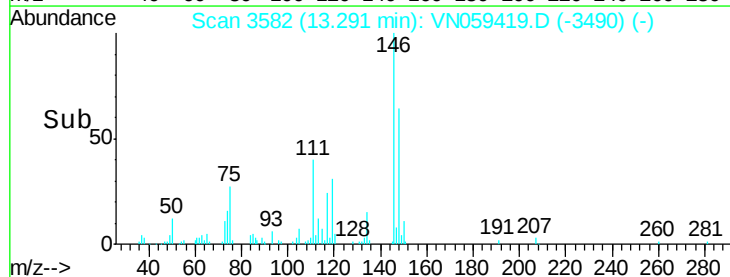
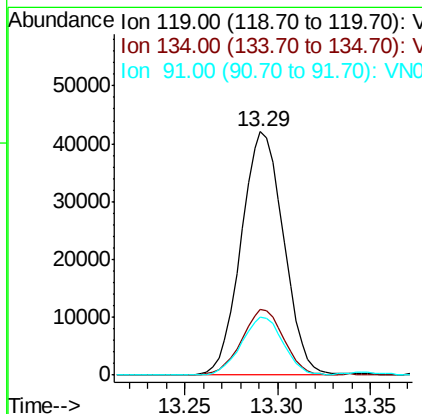
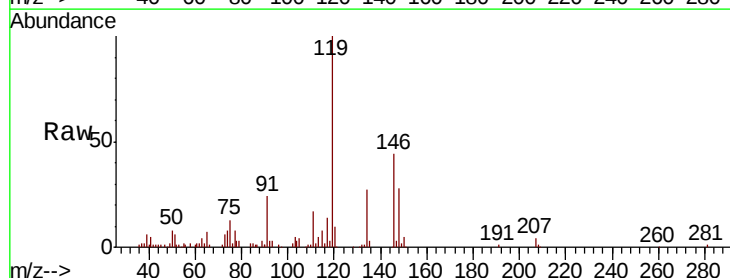
RT: 13.29 min Scan# 3582

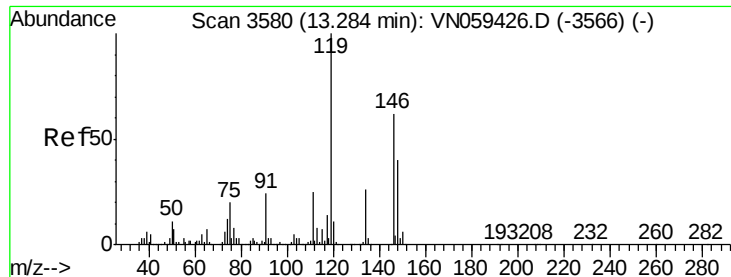
Delta R.T. -0.00 min

Lab File: VN059419.D

Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.3	39.8
91	23.6	11.5	34.4





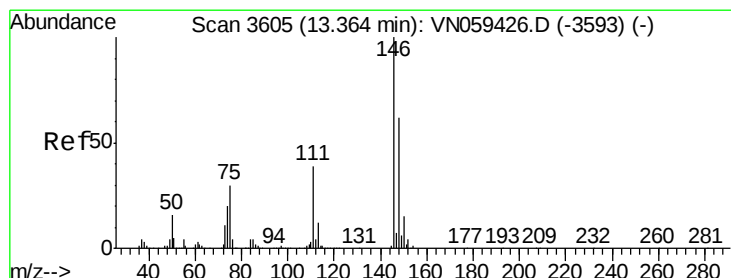
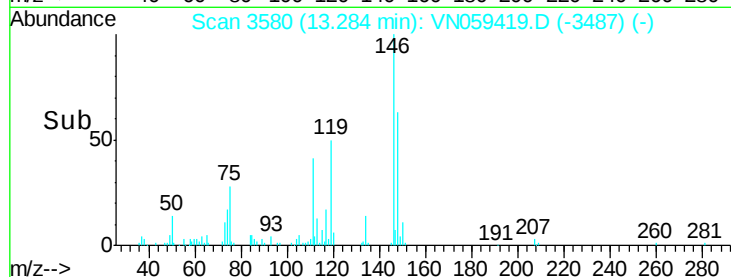
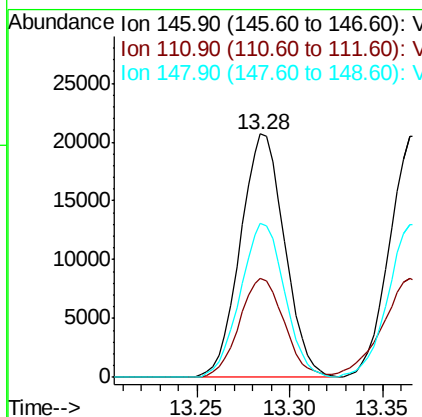
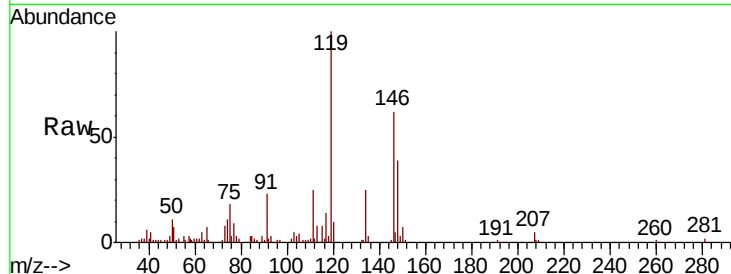
#87
1,3-Dichlorobenzene
Concen: 5.097 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.2
148	63.2	32.1	96.3

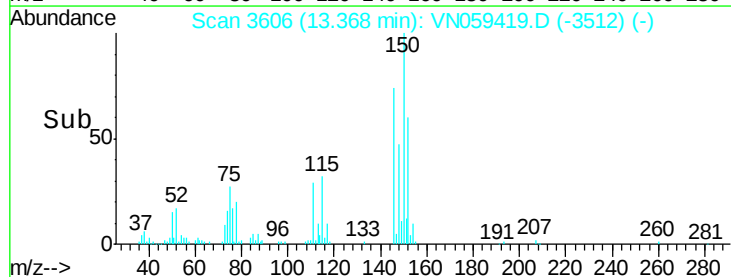
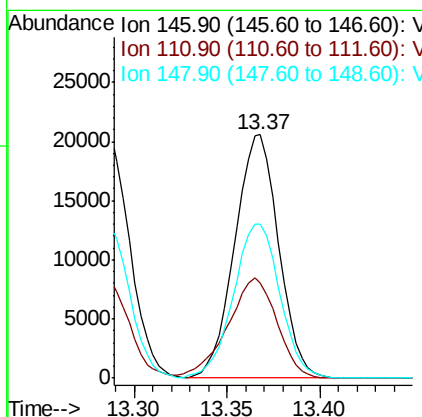
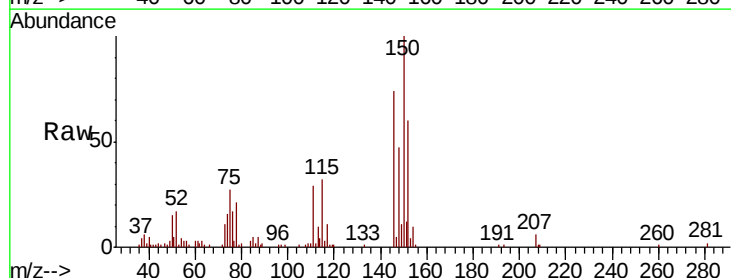
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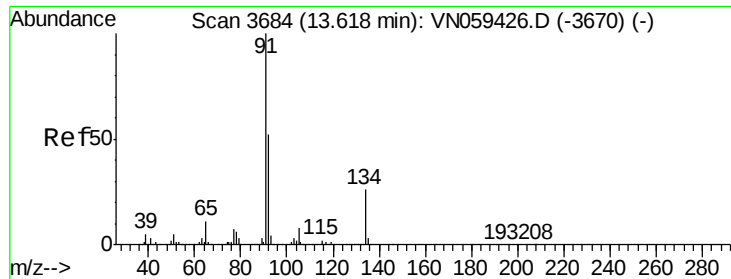
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#88
1,4-Dichlorobenzene
Concen: 5.022 ug/l
RT: 13.37 min Scan# 3606
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.3	19.9	59.7
148	67.0	31.6	95.0





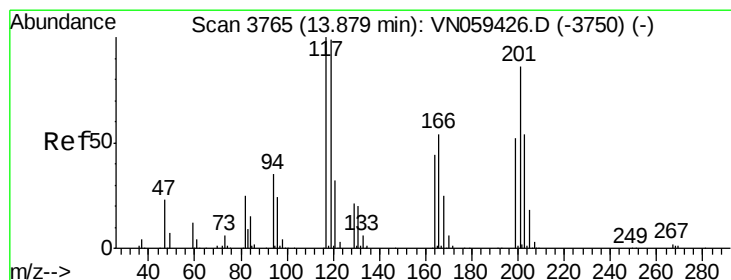
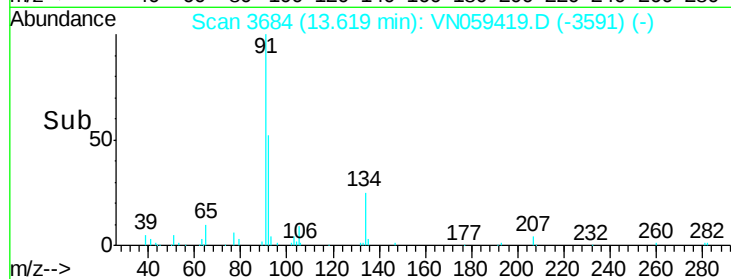
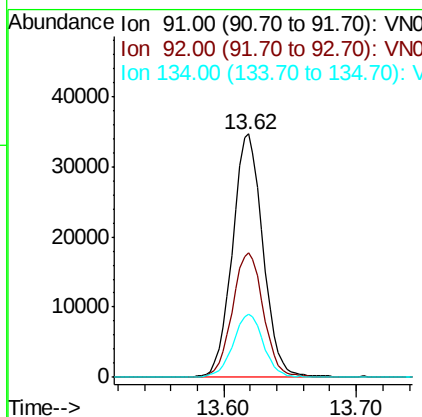
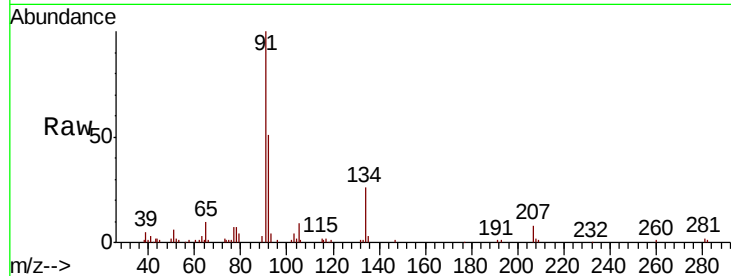
#89
n-Butylbenzene
Concen: 4.720 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:	91	Resp:	55395
Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.9	77.8
134	25.6	12.8	38.4

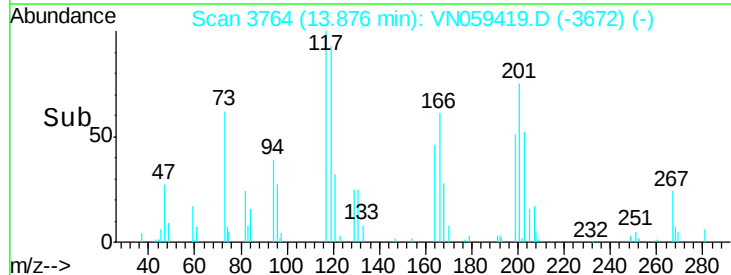
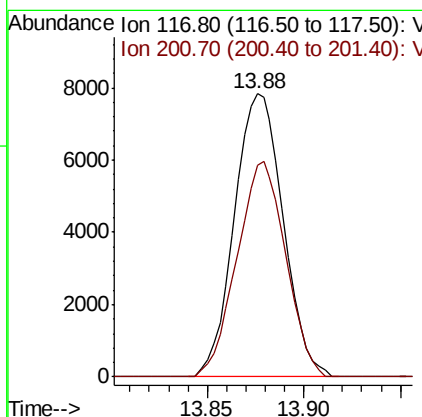
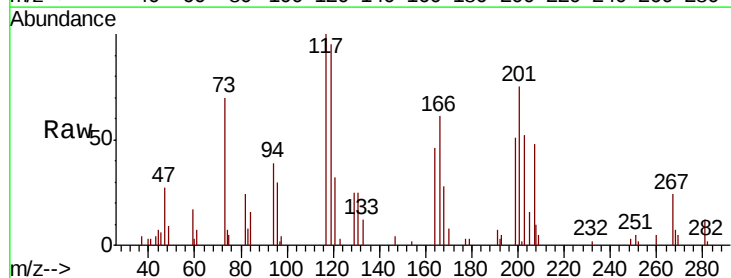
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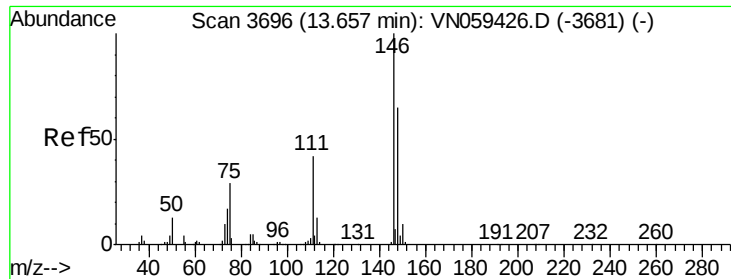
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#90
Hexachloroethane
Concen: 5.349 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion:	117	Resp:	13725
Ion	Ratio	Lower	Upper
117	100		
201	76.0	42.1	126.4





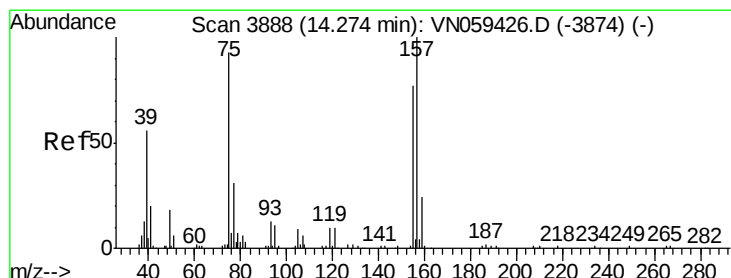
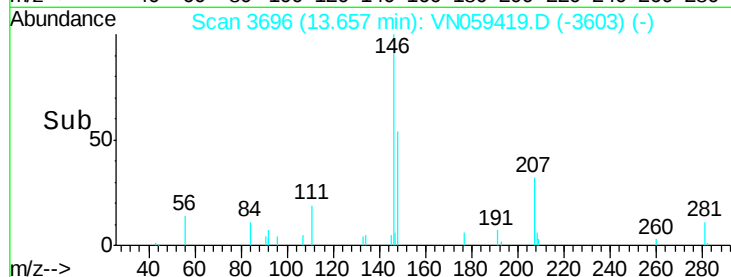
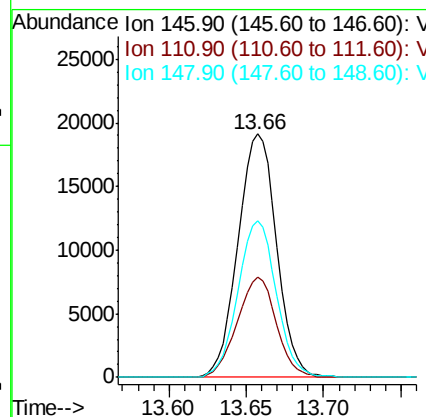
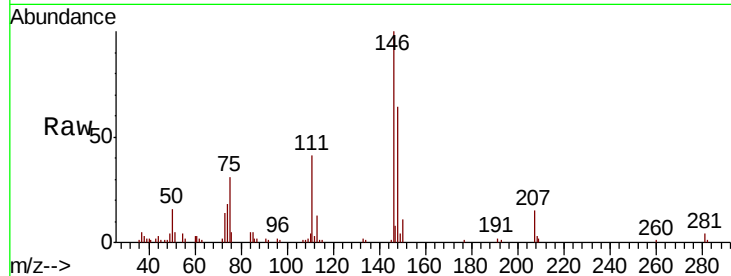
#91
 1,2-Dichlorobenzene
 Concen: 5.036 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.3	63.7
148	63.9	32.0	96.2

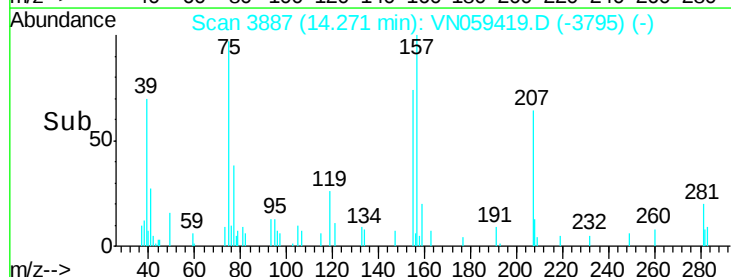
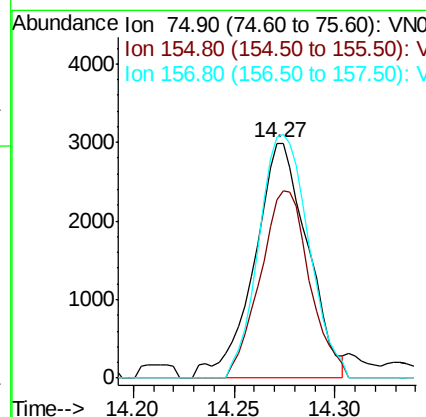
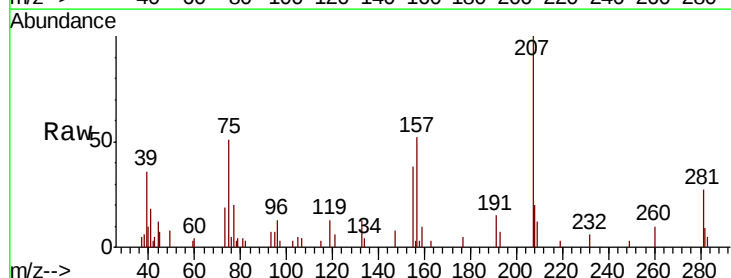
Manual Integrations
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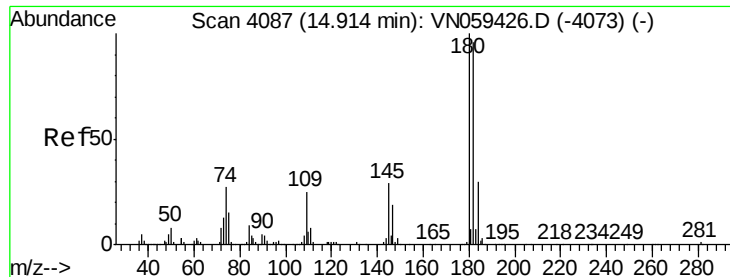
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.787 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.9	41.9	125.8
157	97.3	54.1	162.3





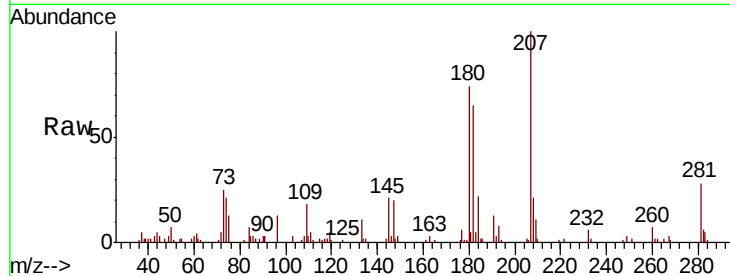
#93
 1,2,4-Trichlorobenzene
 Concen: 4.166 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

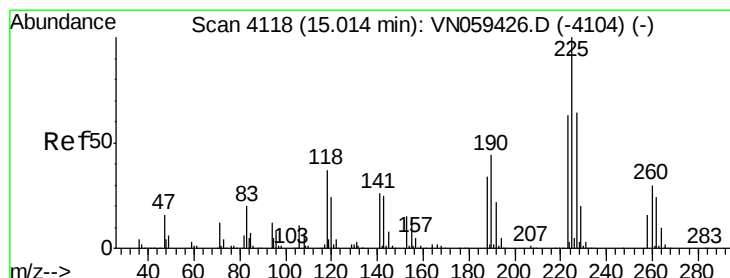
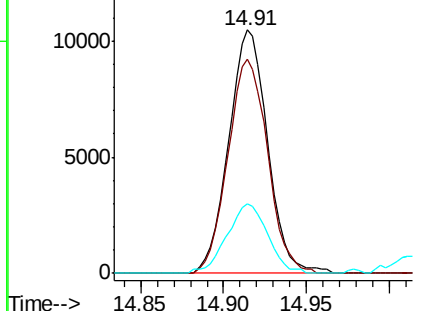
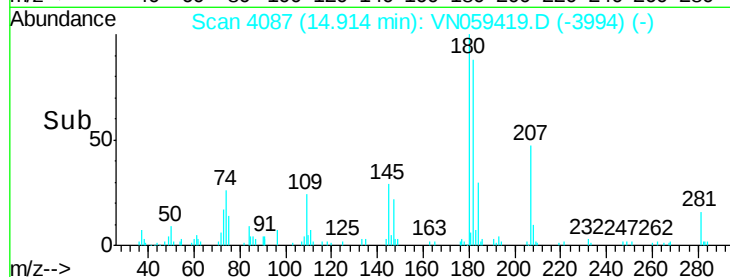
Tot Ion	Ratio	Lower	Upper
180	100		
182	89.8	47.3	142.0
145	29.8	14.8	44.4

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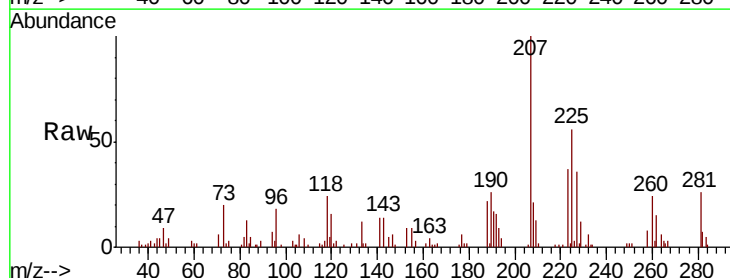


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

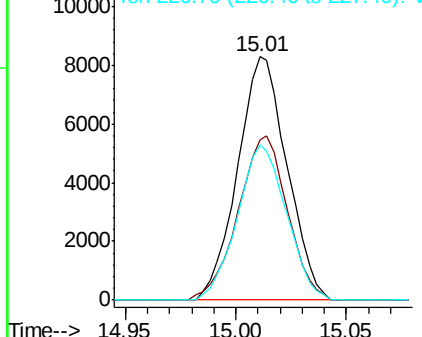
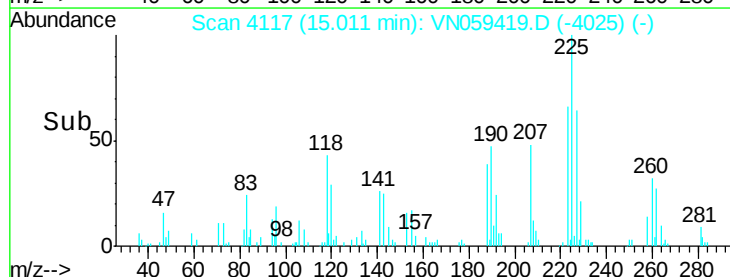


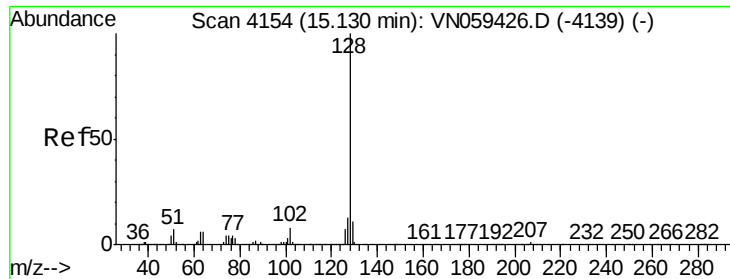
#94
 Hexachlorobutadiene
 Concen: 5.134 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059419.D
 Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.2	31.5	94.5
227	63.3	31.9	95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





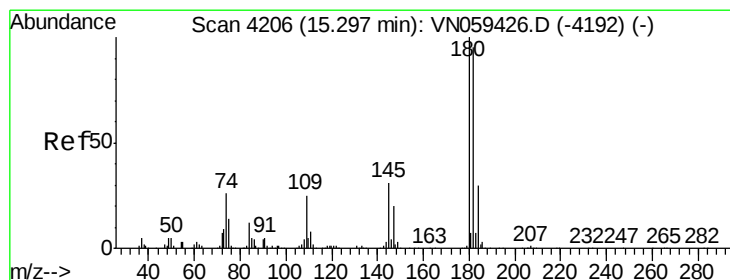
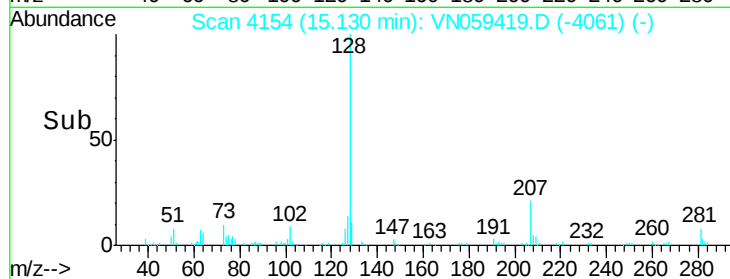
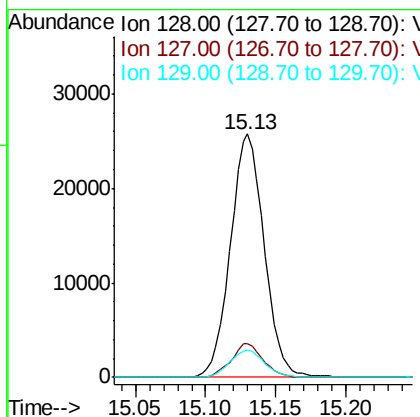
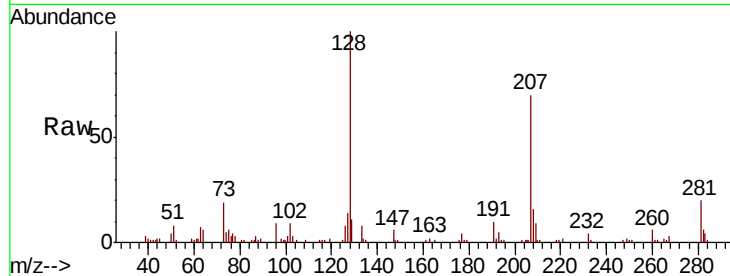
#95
Naphthalene
Concen: 3.727 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.5	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 4.227 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059419.D
Acq: 27 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.5	142.6
145	32.9	15.7	47.1

