

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120619\
 Data File : VN059508.D
 Acq On : 6 Dec 2019 12:32
 Operator : JC/SP
 Sample : VN1206WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Manual Integrations
 APPROVED

apatel
 12/9/2019 8:47:46 AM

Quant Time: Dec 06 22:42:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	238642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	366909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	334195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	156889	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	176496	59.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.06%	
35) Dibromofluoromethane	7.57	113	124733	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
50) Toluene-d8	10.08	98	471654	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.40	95	164411	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	51802	19.507	ug/l	100
3) Chloromethane	2.04	50	51833	14.563	ug/l	99
4) Vinyl Chloride	2.17	62	51281	24.010	ug/l	97
5) Bromomethane	2.55	94	35420	27.289	ug/l	96
6) Chloroethane	2.68	64	33196	26.326	ug/l	98
7) Trichlorofluoromethane	3.00	101	66517	25.787	ug/l	98
8) Diethyl Ether	3.39	74	31387	18.676	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	48334	19.088	ug/l	96
10) Methyl Iodide	3.92	142	59859	18.670	ug/l	97
11) Tert butyl alcohol	4.75	59	56811	101.695	ug/l	99
12) 1,1-Dichloroethene	3.71	96	45612	18.427	ug/l	96
13) Acrolein	3.58	56	43298	89.306	ug/l	99
14) Allyl chloride	4.29	41	91579	18.785	ug/l	92
15) Acrylonitrile	4.95	53	145703	96.407	ug/l	99
16) Acetone	3.79	43	164857	96.382	ug/l	97
17) Carbon Disulfide	4.02	76	146135	17.303	ug/l	100
18) Methyl Acetate	4.29	43	79167	19.837	ug/l	97
19) Methyl tert-butyl Ether	5.01	73	173724	20.593	ug/l	97
20) Methylene Chloride	4.52	84	56760	19.598	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	52191	18.845	ug/l	96
22) Diisopropyl ether	5.92	45	189400	20.873	ug/l	92
23) Vinyl Acetate	5.86	43	785905	107.936	ug/l	98
24) 1,1-Dichloroethane	5.82	63	105742	20.514	ug/l	100
25) 2-Butanone	6.81	43	216351	96.015	ug/l	98
26) 2,2-Dichloropropane	6.80	77	92820	20.819	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	61631	20.037	ug/l	99
28) Bromochloromethane	7.17	49	42843	21.683	ug/l	97
29) Tetrahydrofuran	7.19	42	138810	97.970	ug/l	97
30) Chloroform	7.35	83	105934	21.285	ug/l	97
31) Cyclohexane	7.63	56	93778	18.776	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	91536	21.160	ug/l	96
36) 1,1-Dichloropropene	7.77	75	78131	20.463	ug/l	99
37) Ethyl Acetate	6.90	43	87702	20.564	ug/l	98
38) Carbon Tetrachloride	7.75	117	78475	21.369	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	85795	18.672	ug/l	97
40) Benzene	8.02	78	227421	20.340	ug/l	98
41) Methacrylonitrile	7.15	41	32469m	18.785	ug/l	
42) 1,2-Dichloroethane	8.10	62	91327	24.046	ug/l	97
43) Isopropyl Acetate	8.14	43	139378	21.972	ug/l	98
44) Trichloroethene	8.82	130	57956	19.835	ug/l	99
45) 1,2-Dichloropropane	9.10	63	61402	20.555	ug/l	99
46) Dibromomethane	9.19	93	40951	22.019	ug/l	95
47) Bromodichloromethane	9.39	83	82764	22.195	ug/l	99
48) Methyl methacrylate	9.18	41	61371	21.445	ug/l	90
49) 1,4-Dioxane	9.19	88	18669	431.116	ug/l	94
51) 4-Methyl-2-Pentanone	9.97	43	419963	111.535	ug/l	95
52) Toluene	10.14	92	139494	20.629	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	92623	21.109	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	96795	20.812	ug/l #	89
55) 1,1,2-Trichloroethane	10.55	97	56369	21.146	ug/l	98
56) Ethyl methacrylate	10.42	69	78051	19.012	ug/l #	88
57) 1,3-Dichloropropane	10.70	76	96431	20.919	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	126685	96.434	ug/l	99
59) 2-Hexanone	10.74	43	305830	107.928	ug/l	94
60) Dibromochloromethane	10.90	129	60368	21.209	ug/l	99
61) 1,2-Dibromoethane	11.00	107	57778	20.976	ug/l	99
64) Tetrachloroethene	10.62	164	55459	19.509	ug/l	97
65) Chlorobenzene	11.43	112	141200	19.327	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	54416	20.729	ug/l	100
67) Ethyl Benzene	11.51	91	255440	19.956	ug/l	99
68) m/p-Xylenes	11.62	106	186853	39.204	ug/l	97
69) o-Xylene	11.95	106	87516	19.287	ug/l	96
70) Styrene	11.96	104	138324	19.096	ug/l	99
71) Bromoform	12.13	173	40668	19.875	ug/l #	98
73) Isopropylbenzene	12.25	105	246731	19.610	ug/l	98
74) N-amyl acetate	12.07	43	98300	19.396	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	82108	20.344	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	73369m	18.808	ug/l	
77) Bromobenzene	12.53	156	59373	18.884	ug/l	96
78) n-propylbenzene	12.59	91	290087	19.812	ug/l	99
79) 2-Chlorotoluene	12.67	91	171882	19.473	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	208143	19.795	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	27496	18.498	ug/l	87
82) 4-Chlorotoluene	12.77	91	176775	19.412	ug/l	100
83) tert-Butylbenzene	12.99	119	175609	19.237	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	204629	19.914	ug/l	100
85) sec-Butylbenzene	13.17	105	236148	19.518	ug/l	99
86) p-Isopropyltoluene	13.29	119	210357	19.402	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	105402	19.013	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	103828	18.571	ug/l	98
89) n-Butylbenzene	13.62	91	178766	18.404	ug/l	99
90) Hexachloroethane	13.88	117	40949	19.583	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	103186	19.417	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18239	21.840	ug/l	84

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QLast Update : Tue Dec 03 16:37:42 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	56731	17.486	ug/l	97
94) Hexachlorobutadiene	15.01	225	35616	18.533	ug/l	99
95) Naphthalene	15.13	128	152016	18.609	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	58486	19.205	ug/l	98

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

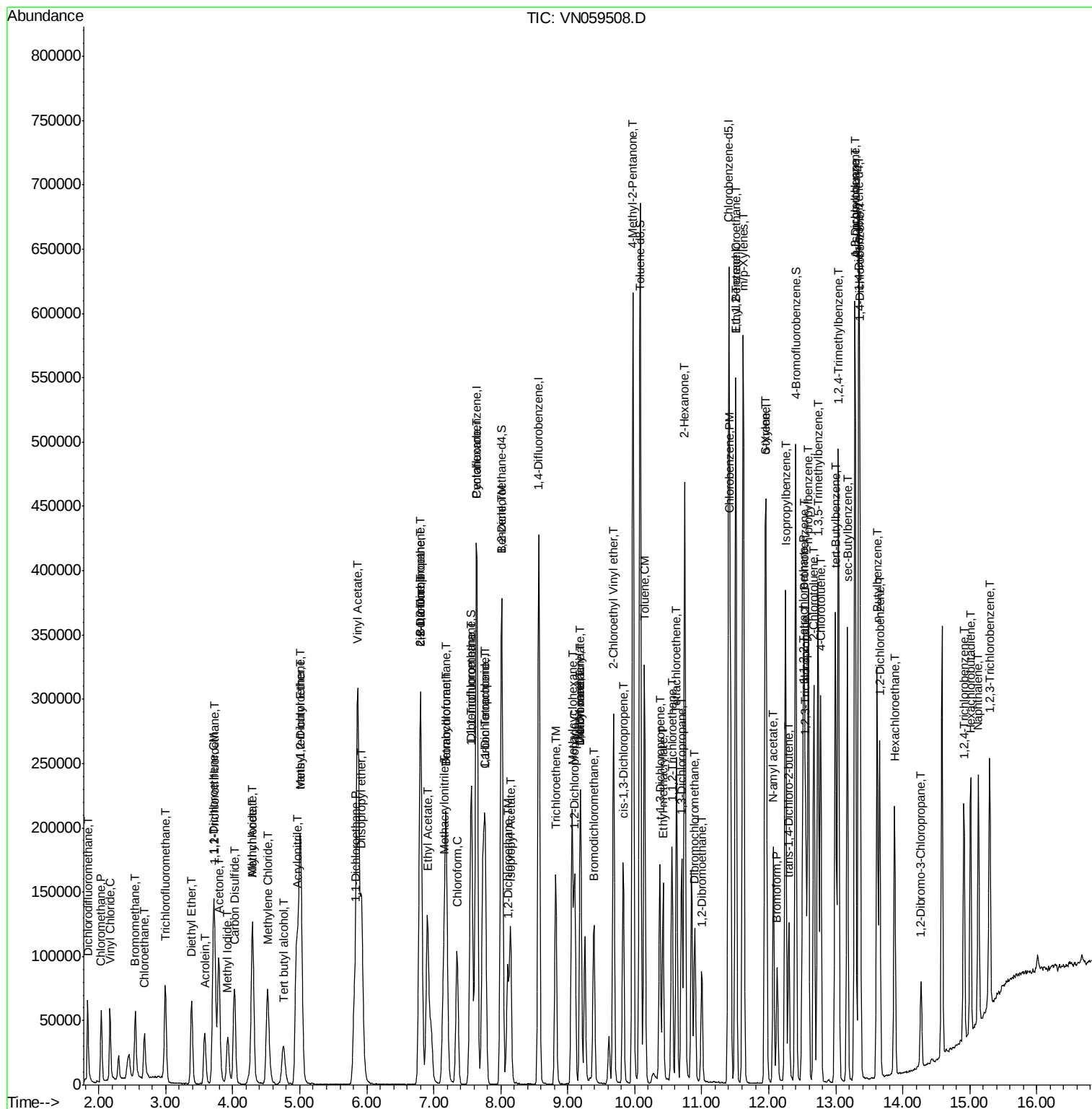
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Data File : VN059508.D
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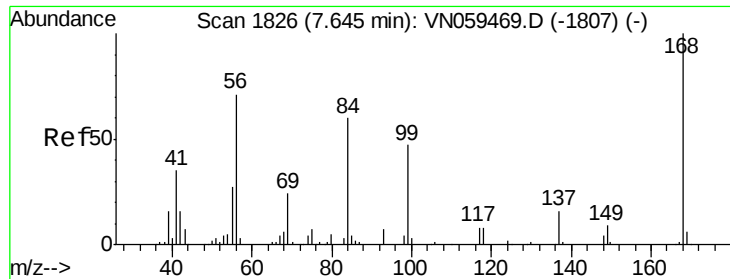
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MSVOA_N
Client Sample ID :
VN1206WBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01

Tot Ion:168 Resp: 238642

Ion Ratio Lower Upper

168 100

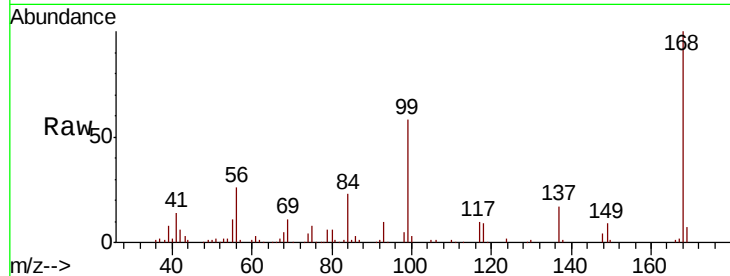
99 57.8 43.4 65.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

100000

80000

60000

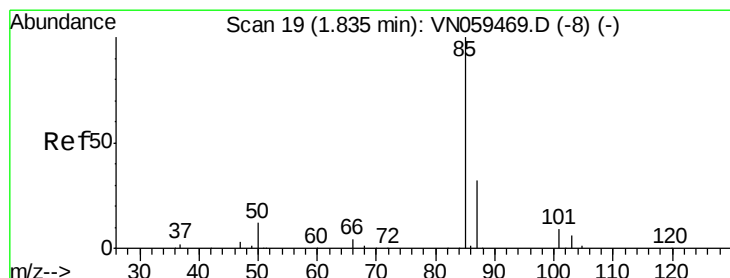
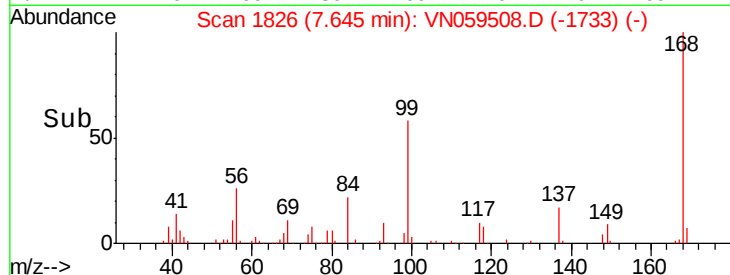
40000

20000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.507 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059508.D

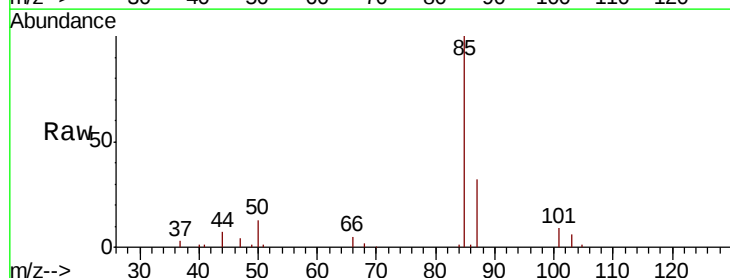
Acq: 6 Dec 2019 12:32

Tgt Ion: 85 Resp: 51802

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

30000

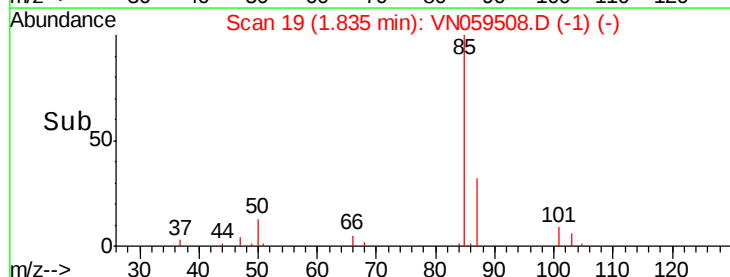
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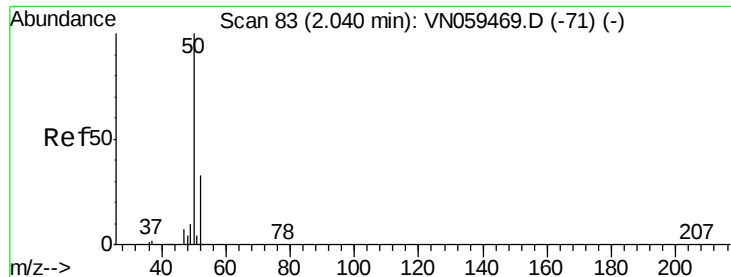
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0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 14.563 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

VN1206WBSD01

Tot Ion: 50 Resp: 51833

Ion Ratio Lower Upper

50 100

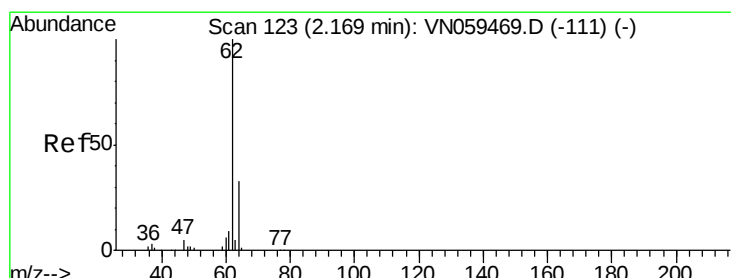
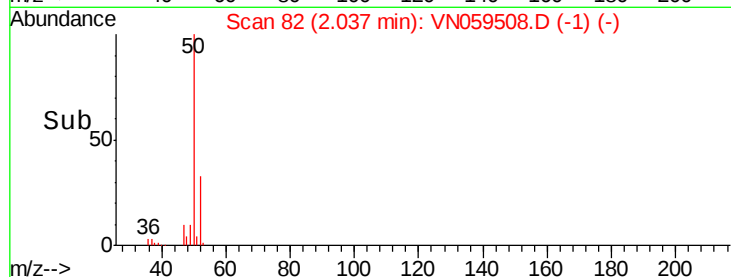
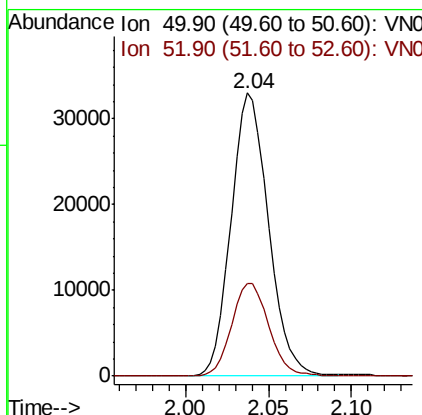
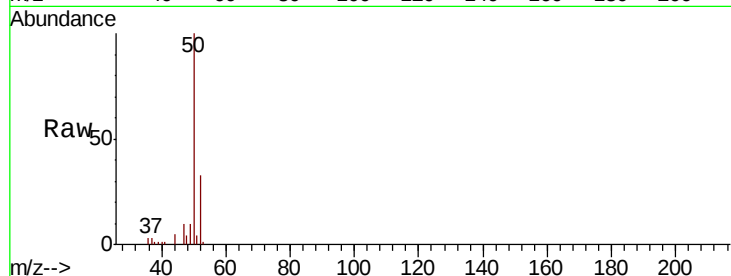
52 32.8 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 24.010 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059508.D

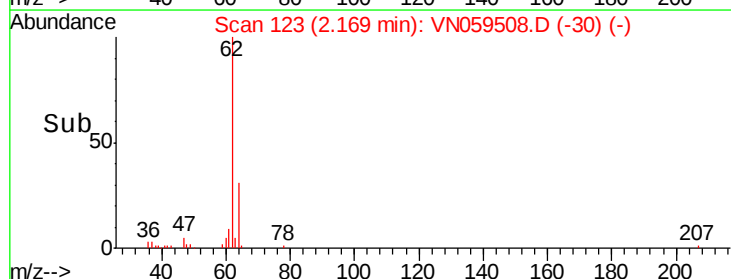
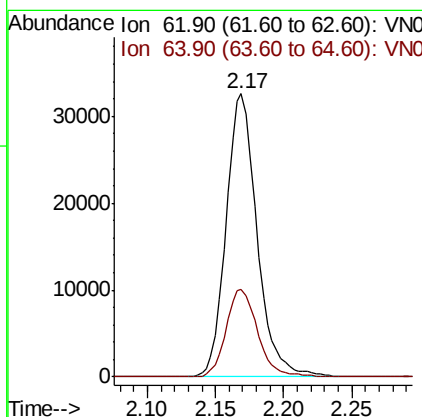
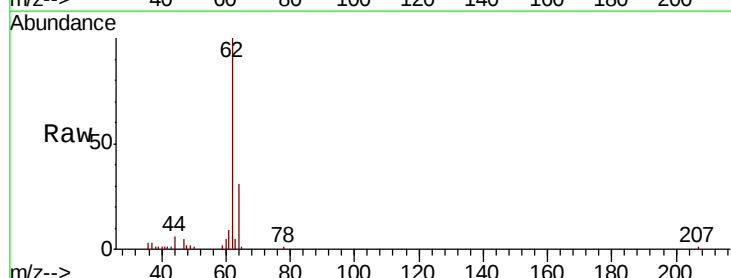
Acq: 6 Dec 2019 12:32

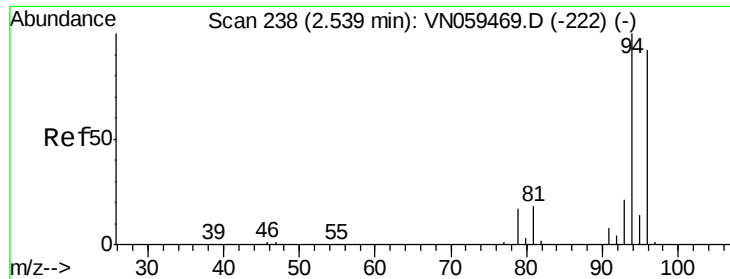
Tgt Ion: 62 Resp: 51281

Ion Ratio Lower Upper

62 100

64 30.8 26.0 39.0





#5

Bromomethane

Concen: 27.289 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01

Tot Ion: 94 Resp: 35420

Ion Ratio Lower Upper

94 100

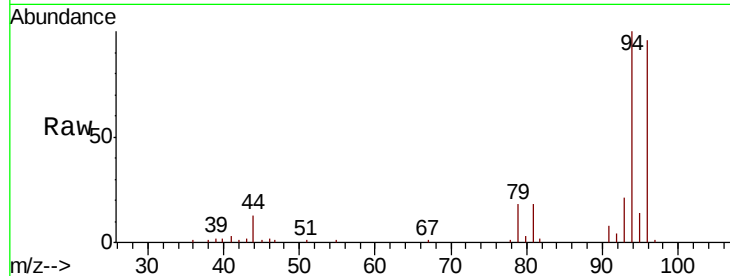
96 96.1 73.5 110.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN059469.D (-222) (-)

Ion 95.90 (95.60 to 96.60): VN059469.D (-222) (-)

2.55

20000

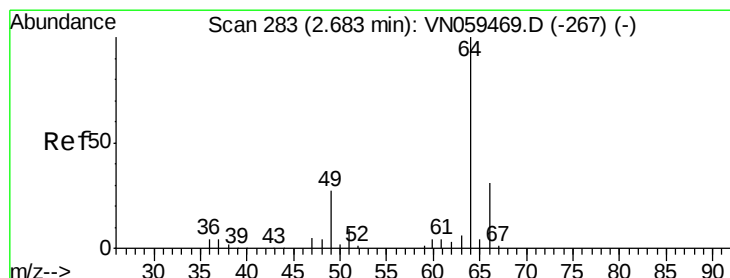
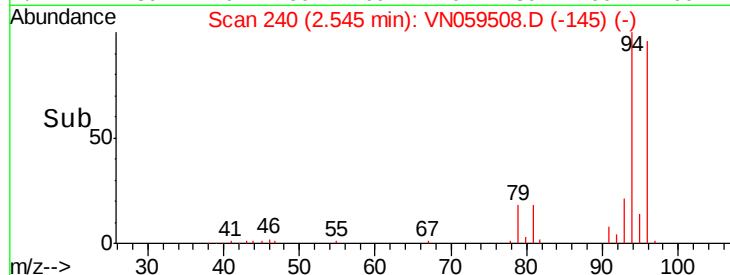
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Time-->



#6

Chloroethane

Concen: 26.326 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059508.D

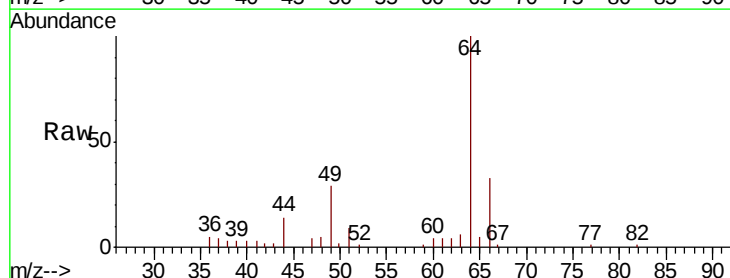
Acq: 6 Dec 2019 12:32

Tgt Ion: 64 Resp: 33196

Ion Ratio Lower Upper

64 100

66 32.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN059469.D (-267) (-)

Ion 65.90 (65.60 to 66.60): VN059469.D (-267) (-)

2.68

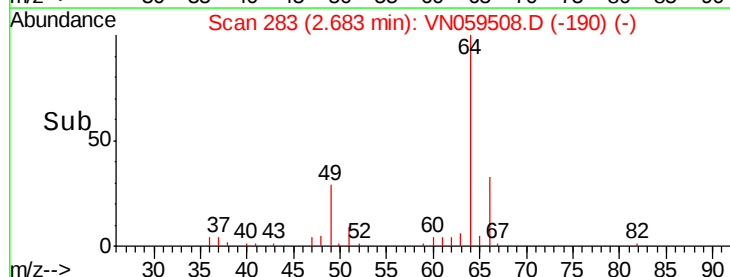
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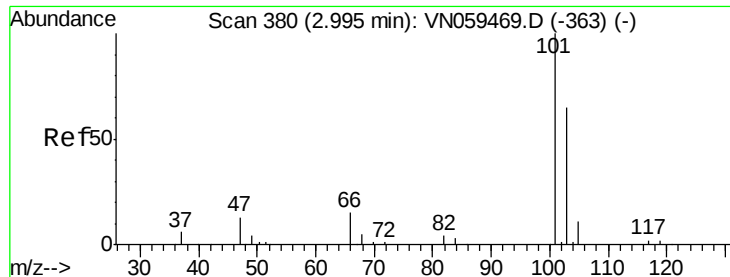
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5000

0

Time-->





#7

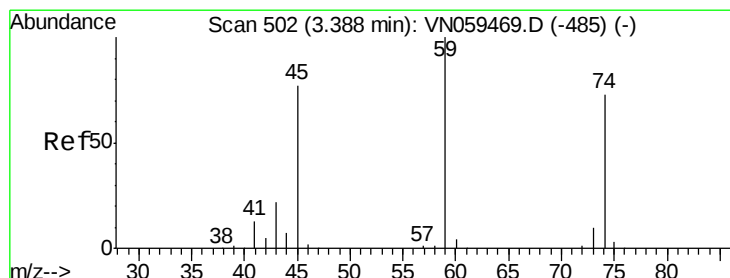
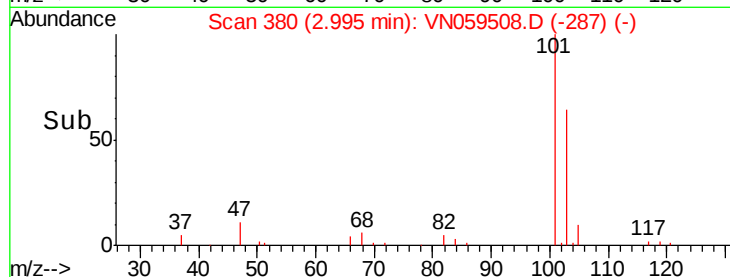
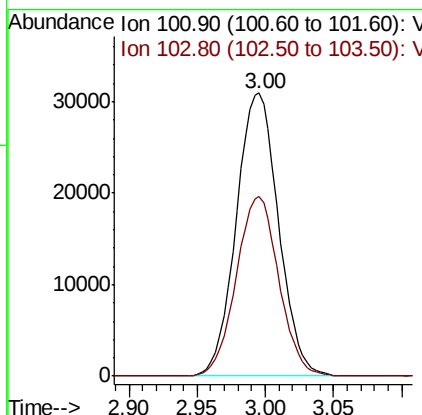
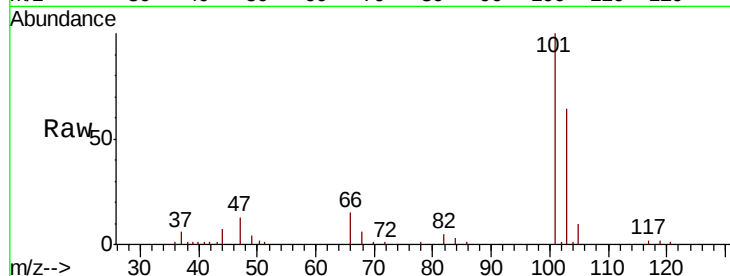
Trichlorofluoromethane
 Concen: 25.787 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Instrument :
 MSVOA_N
 ClientSampled :
 VN1206WBSD01

Tot Ion:101 Resp: 66517
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.4 78.6

Manual Integrations
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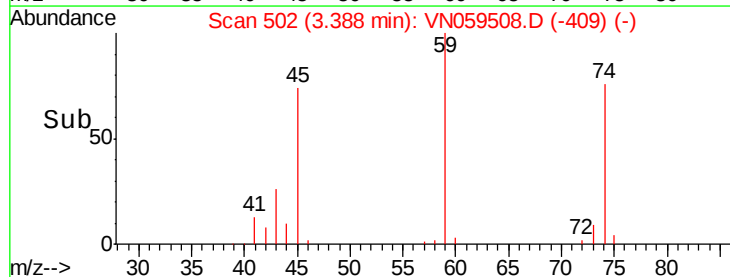
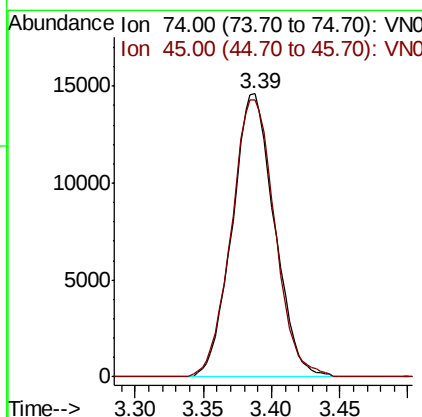
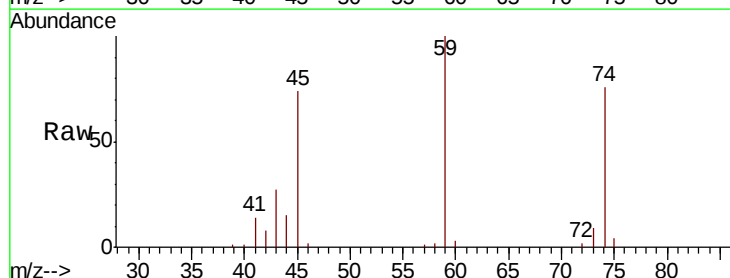
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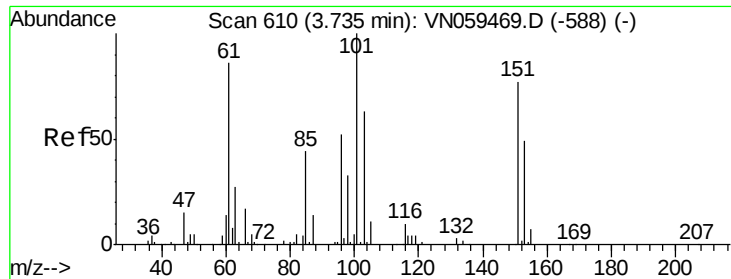


#8

Diethyl Ether
 Concen: 18.676 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Tgt Ion: 74 Resp: 31387
 Ion Ratio Lower Upper
 74 100
 45 100.9 52.3 157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.088 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

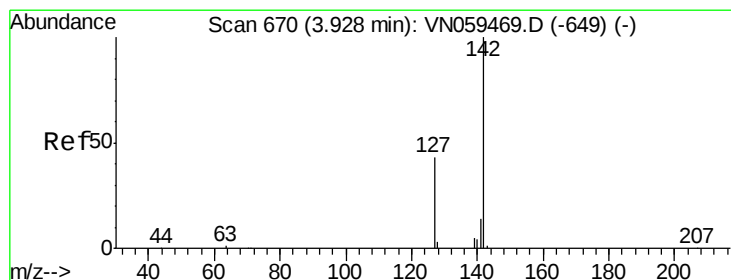
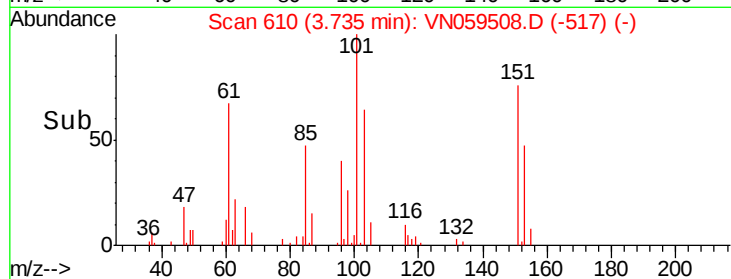
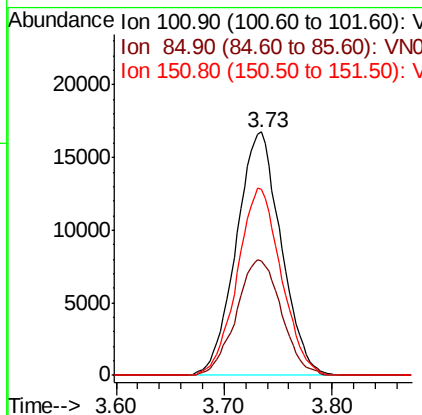
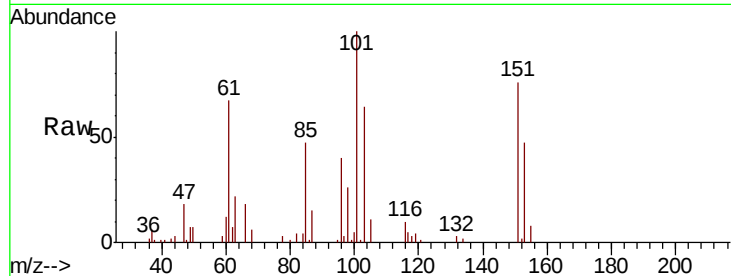
ClientSampleId :

VN1206WBSD01

Tot Ion:	101	Resp:	48334
Ion Ratio	Lower	Upper	
101	100		
85	47.6	35.2	52.8
151	75.3	62.4	93.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.670 ug/l

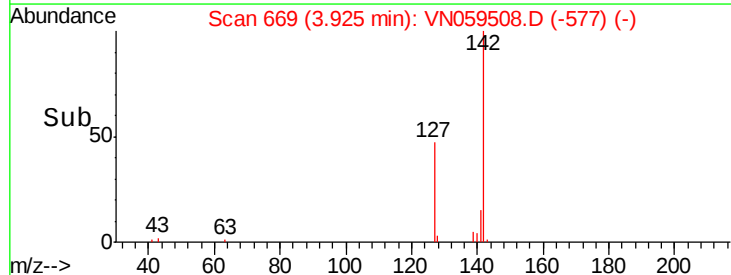
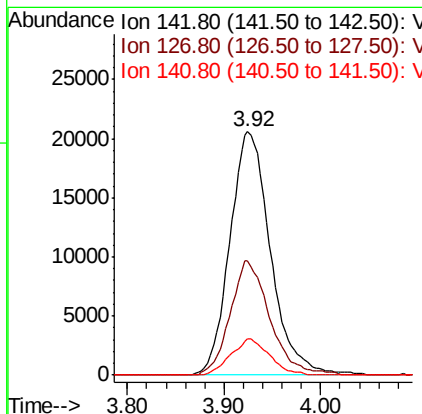
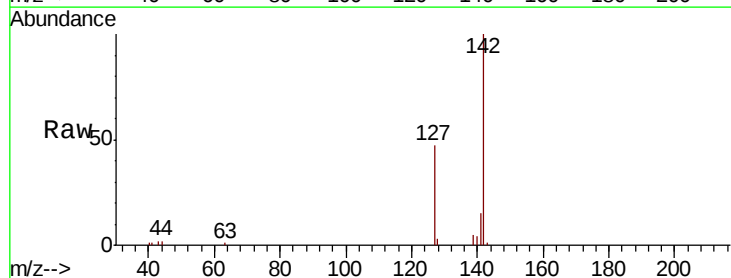
RT: 3.92 min Scan# 669

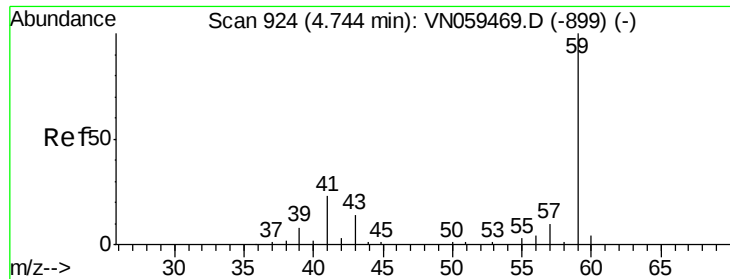
Delta R.T. -0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Tgt Ion:	142	Resp:	59859
Ion Ratio	Lower	Upper	
142	100		
127	45.8	34.6	52.0
141	14.1	11.4	17.0





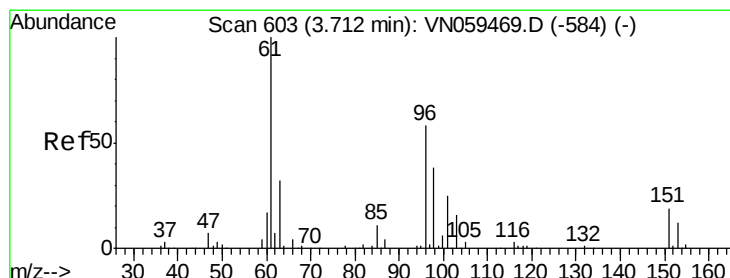
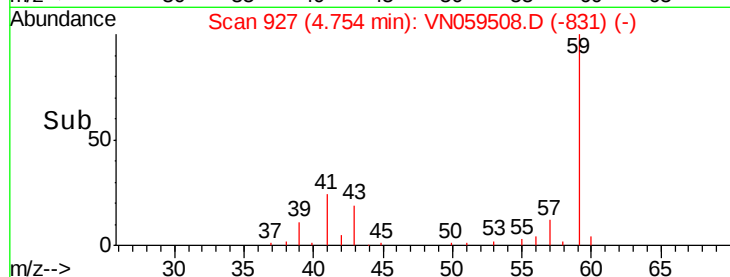
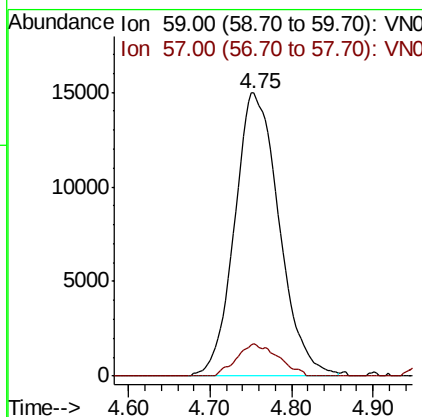
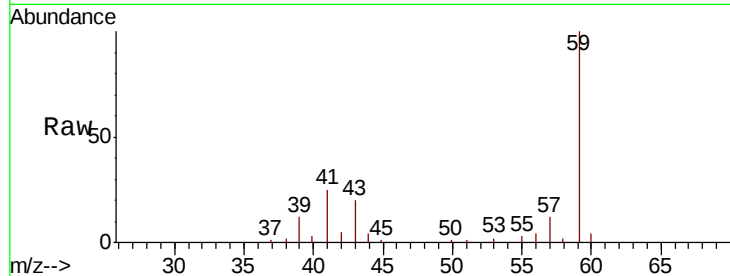
#11
Tert butyl alcohol
Concen: 101.695 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.01 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

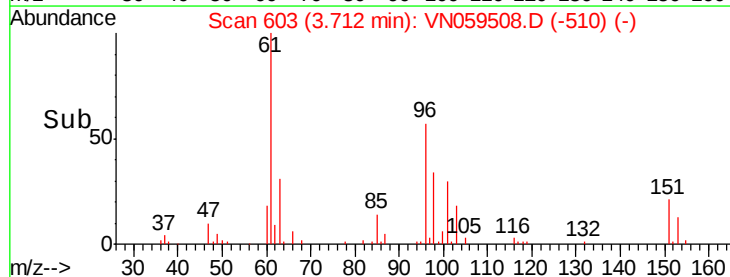
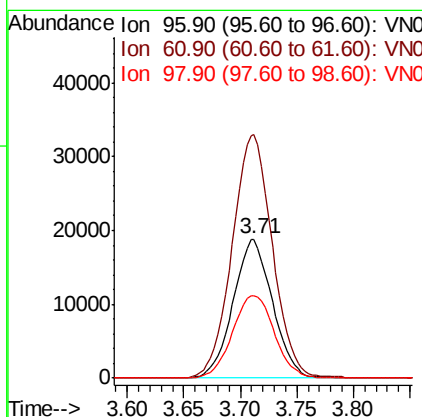
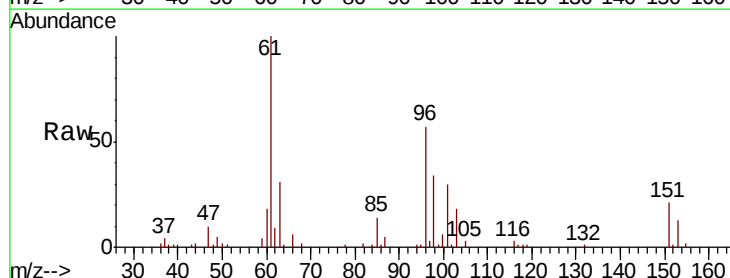
Manual Integrations
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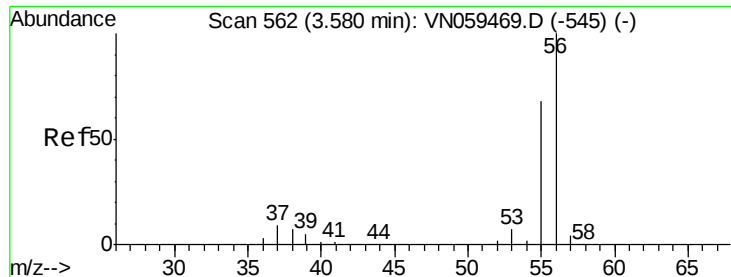
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#12
1,1-Dichloroethene
Concen: 18.427 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.2	137.1	205.7
98	59.5	52.4	78.6





#13

Acrolein

Concen: 89.306 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01

Tot Ion: 56 Resp: 43298

Ion Ratio Lower Upper

56 100

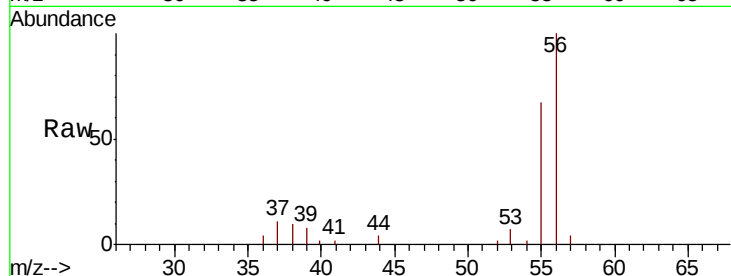
55 69.5 56.5 84.7

Manual Integrations

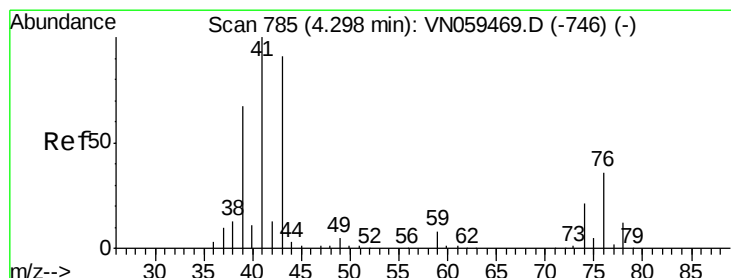
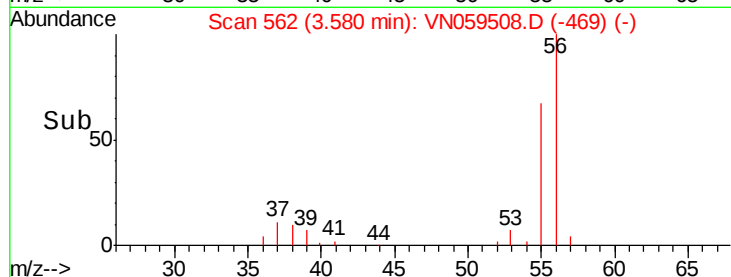
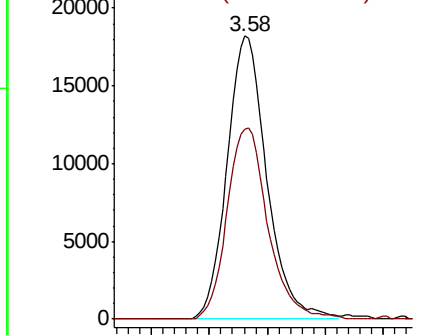
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Abundance Ion 56.00 (55.70 to 56.70): VN059508.D (-469) (-)



#14

Allyl chloride

Concen: 18.785 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

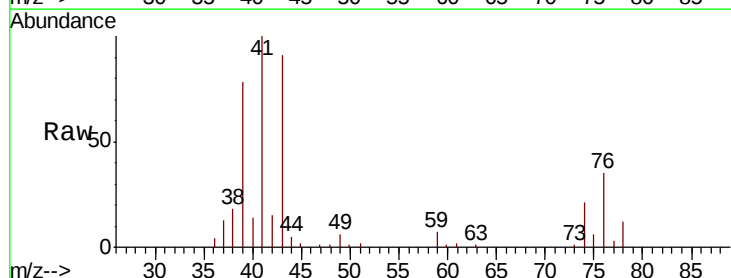
Tgt Ion: 41 Resp: 91579

Ion Ratio Lower Upper

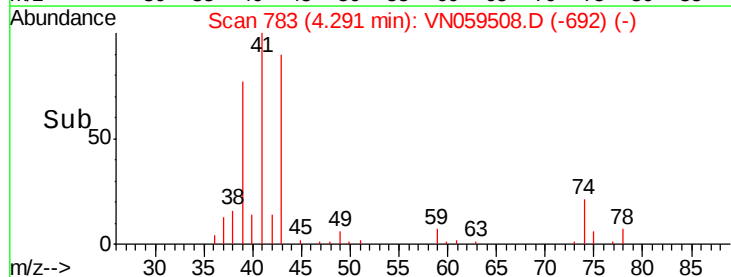
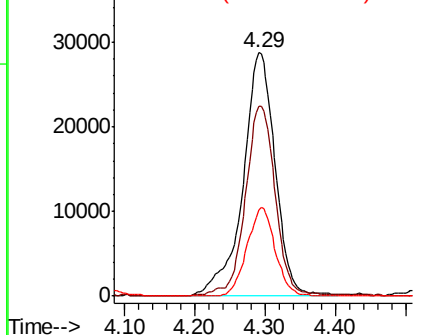
41 100

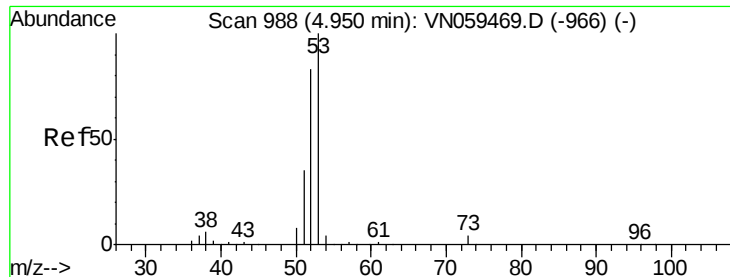
39 70.3 49.3 73.9

76 31.7 25.6 38.4



Abundance Ion 41.00 (40.70 to 41.70): VN059508.D (-692) (-)





#15

Acrylonitrile

Concen: 96.407 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

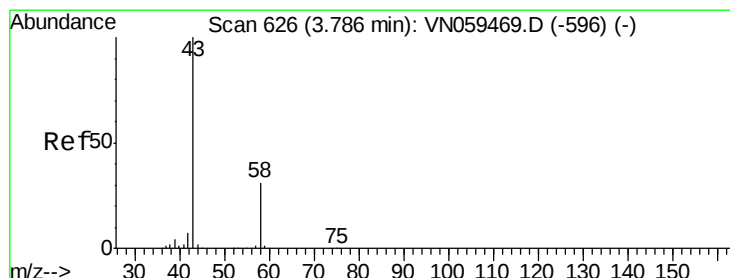
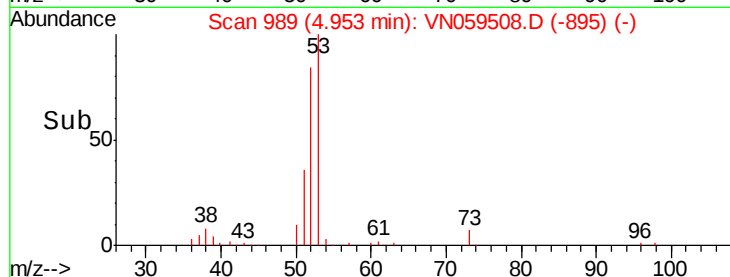
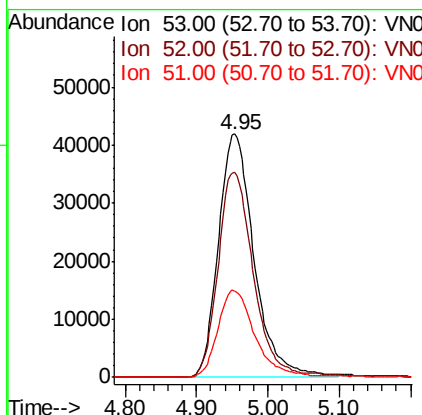
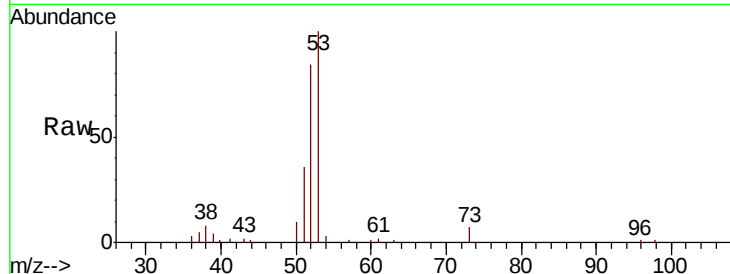
ClientSampleId :

VN1206WBSD01

Tot Ion:	53	Resp:	145703
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.5	98.3
51	37.3	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 96.382 ug/l

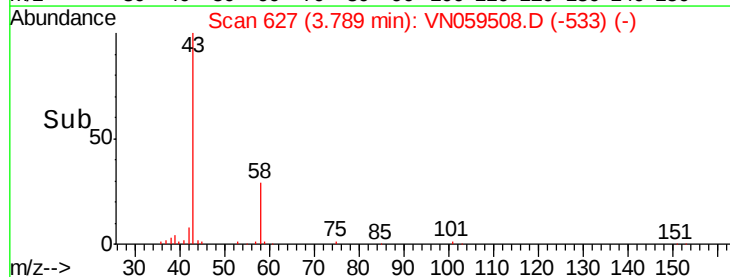
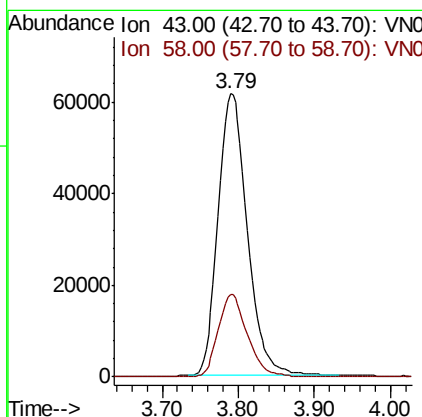
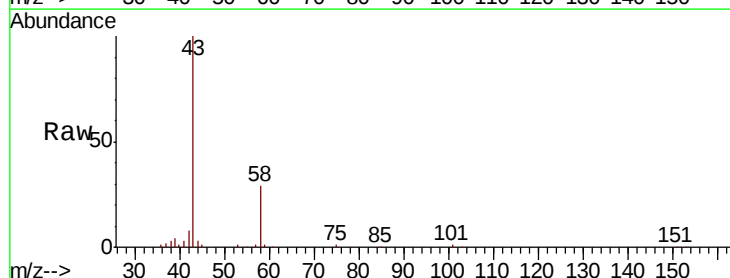
RT: 3.79 min Scan# 627

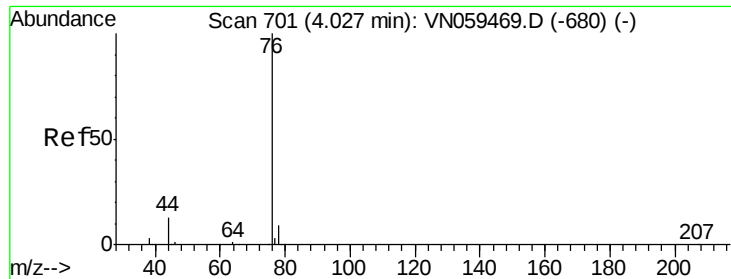
Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Tgt Ion:	43	Resp:	164857
Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.9	37.3





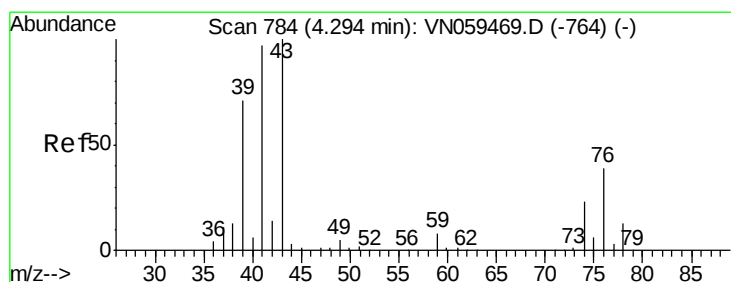
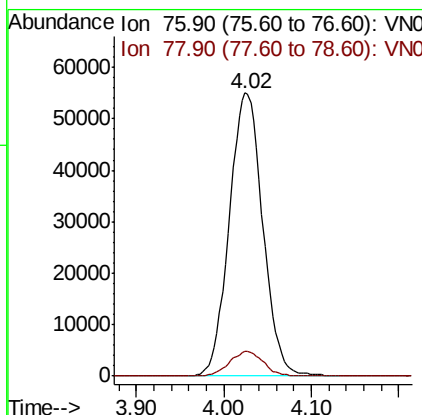
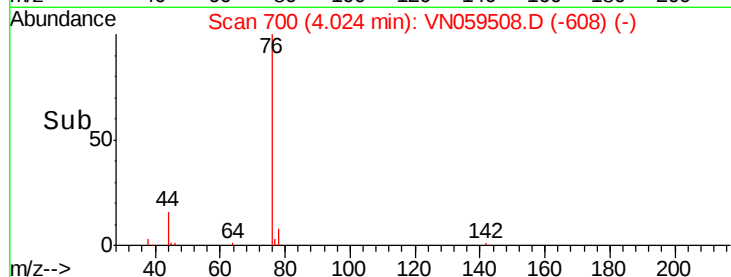
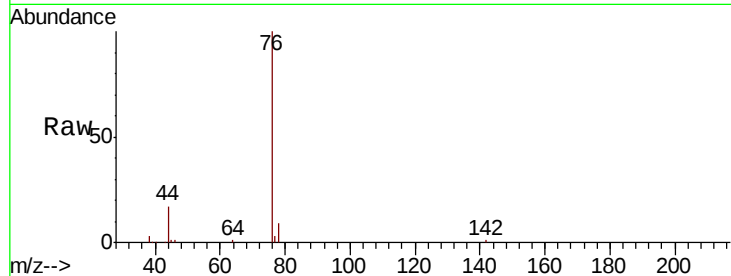
#17
Carbon Disulfide
Concen: 17.303 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion: 76 Resp: 146135
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

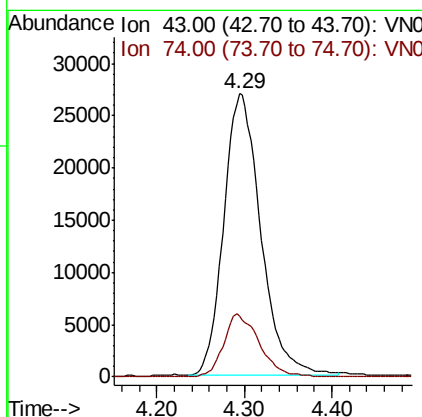
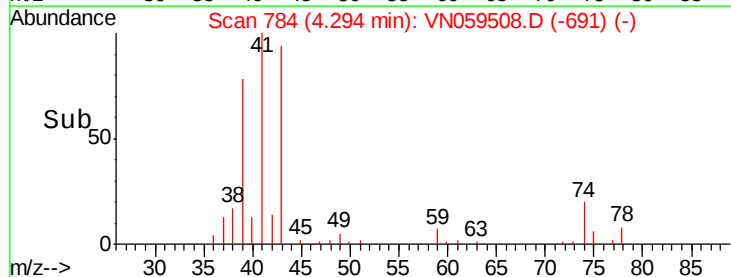
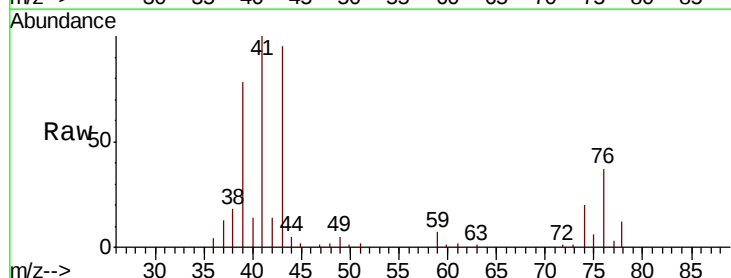
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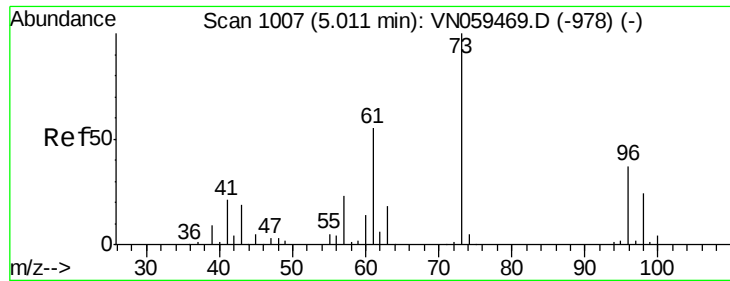
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#18
Methyl Acetate
Concen: 19.837 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion: 43 Resp: 79167
Ion Ratio Lower Upper
43 100
74 21.5 18.3 27.5





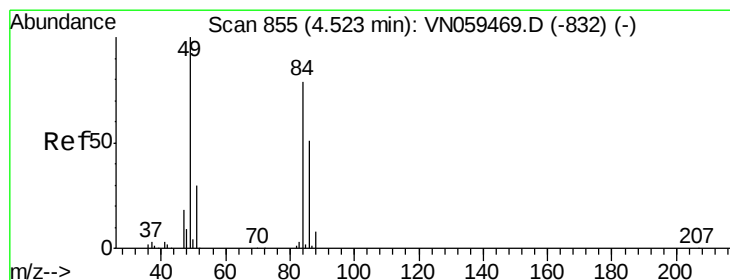
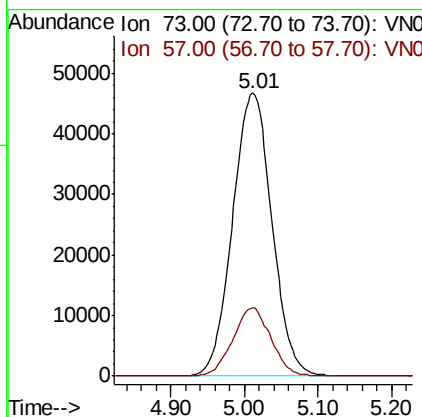
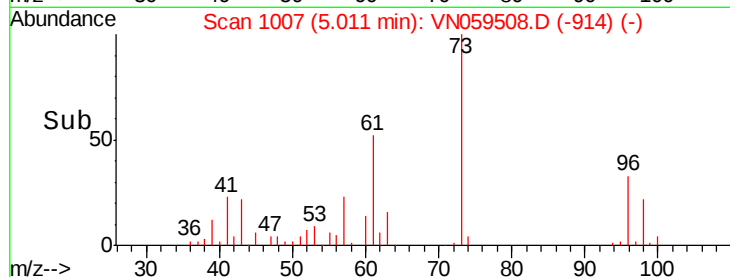
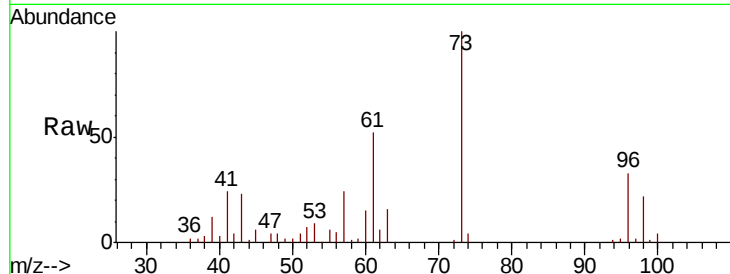
#19
Methvl tert-butvl Ether
Concen: 20.593 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion: 73 Resp: 173724
Ion Ratio Lower Upper
73 100
57 24.1 18.0 27.0

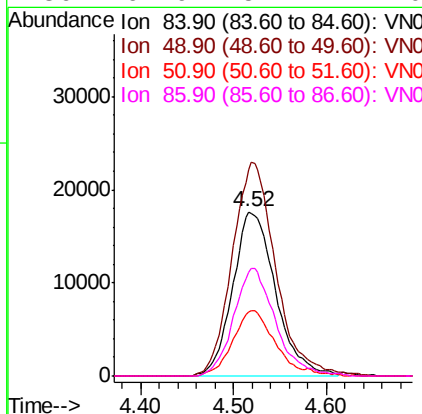
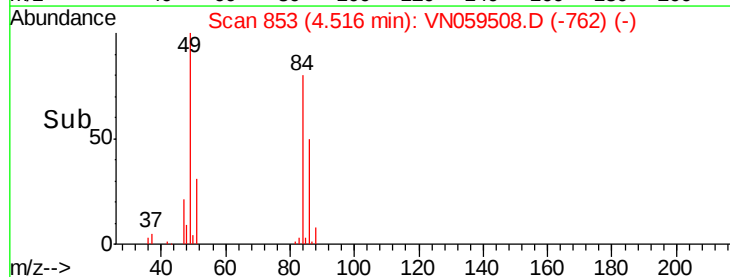
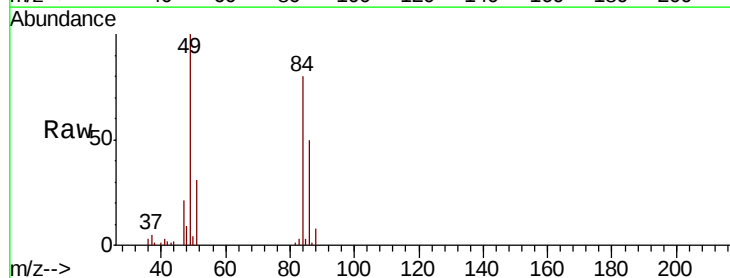
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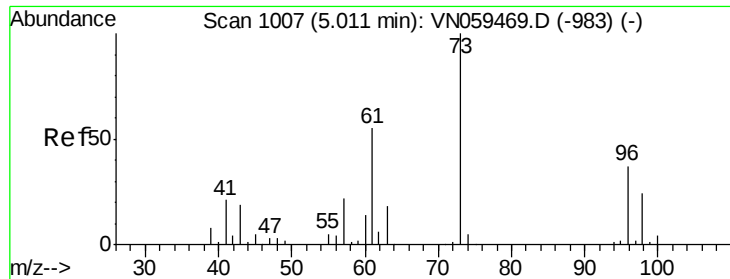
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#20
Methylene Chloride
Concen: 19.598 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion: 84 Resp: 56760
Ion Ratio Lower Upper
84 100
49 125.7 101.1 151.7
51 38.9 30.7 46.1
86 62.9 51.4 77.0





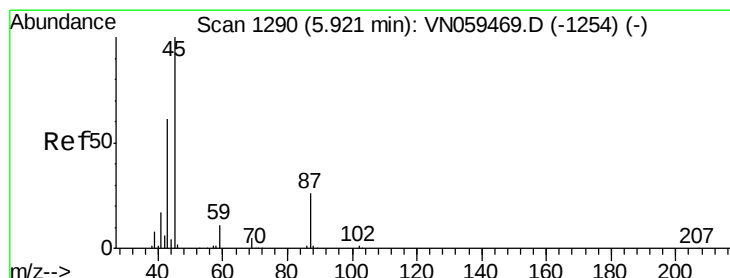
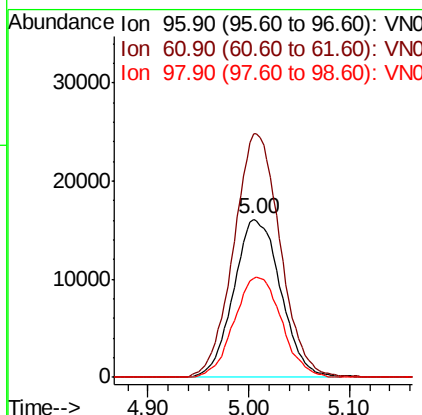
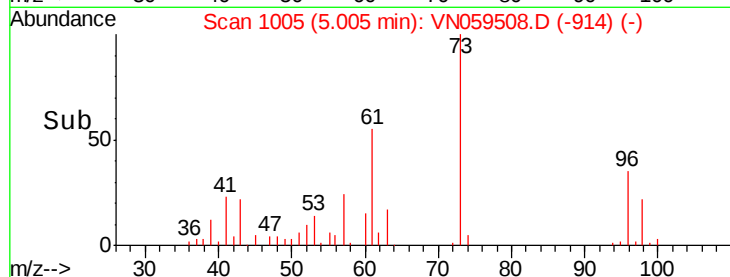
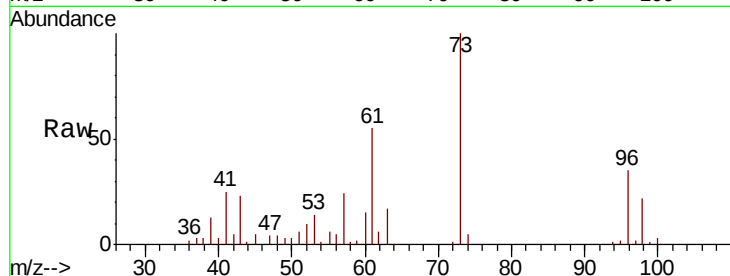
#21
trans-1,2-Dichloroethene
Concen: 18.845 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.7	118.9	178.3
98	62.7	51.6	77.4

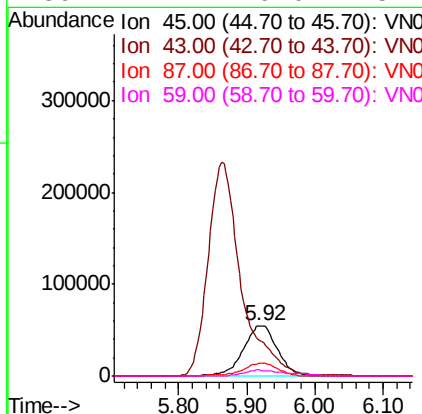
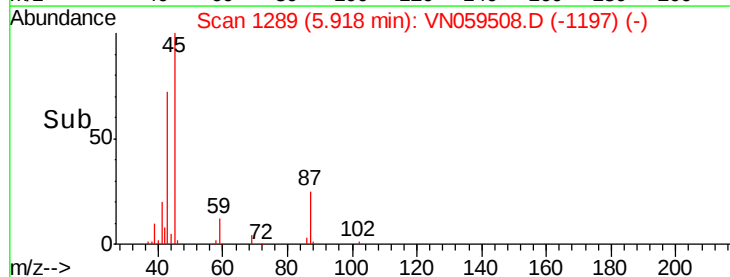
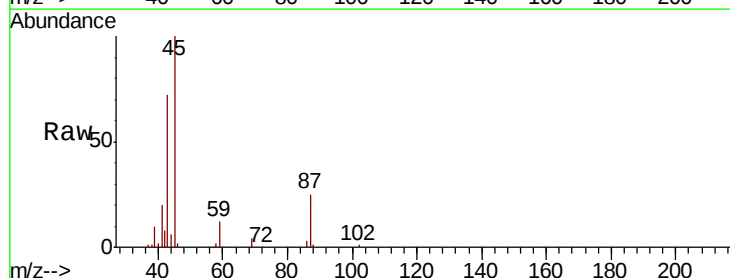
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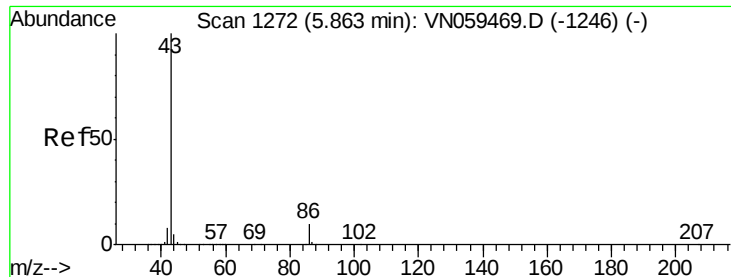
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#22
Diisopropyl ether
Concen: 20.873 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.2	49.1	73.7
87	25.0	21.6	32.4
59	11.4	9.0	13.4





#23

Vinyl Acetate

Concen: 107.936 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

ClientSampleID :

VN1206WBSD01

Tot Ion: 43 Resp: 785905

Ion Ratio Lower Upper

43 100

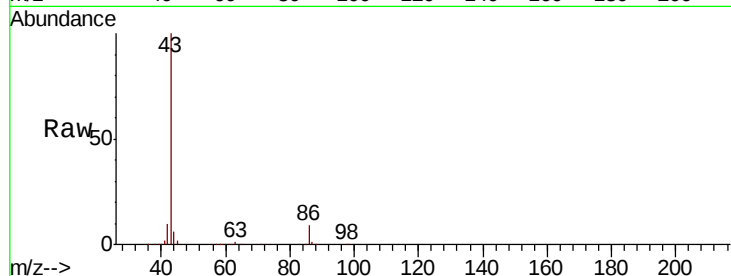
86 9.3 8.0 12.0

Manual Integrations

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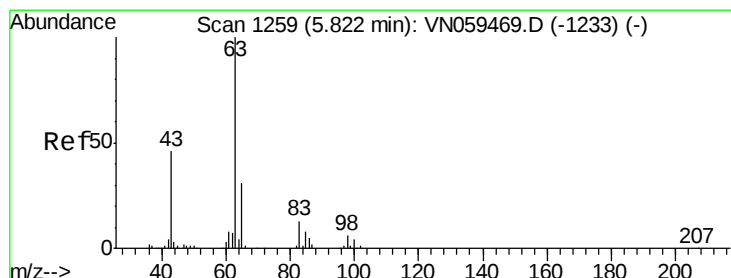
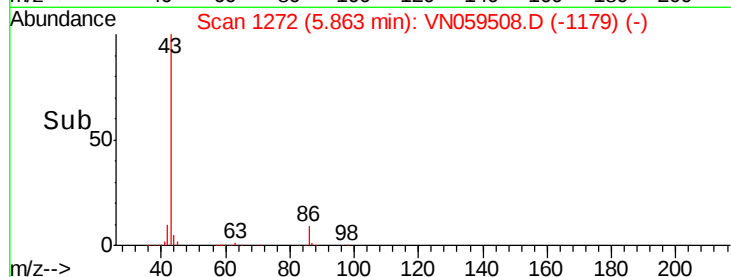
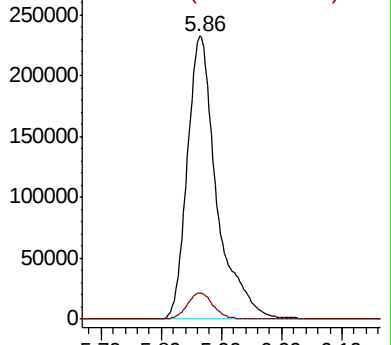
apatel

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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: 20.514 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

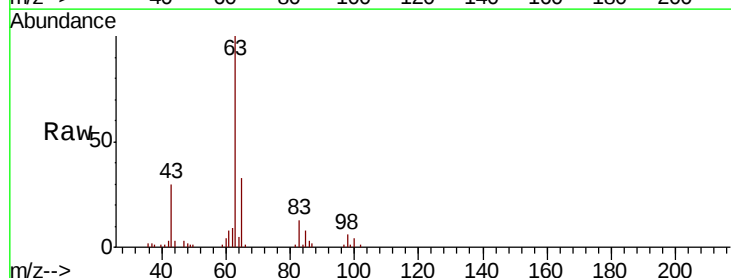
Tgt Ion: 63 Resp: 105742

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

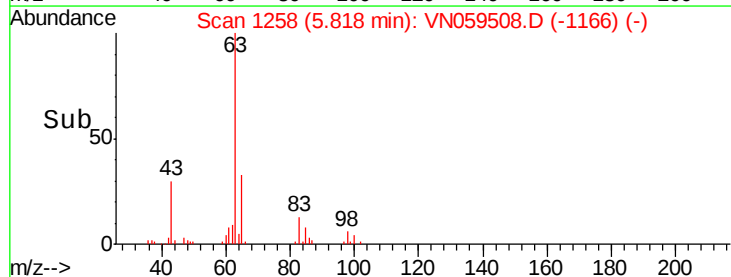
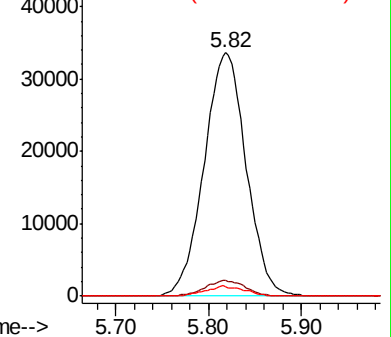
100 3.9 2.0 6.0

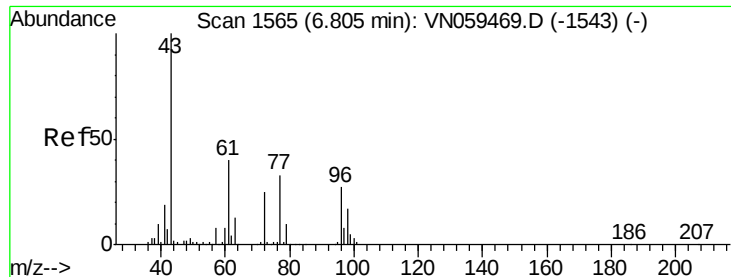


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 96.015 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01

Tot Ion: 43 Resp: 216351

Ion Ratio Lower Upper

43 100

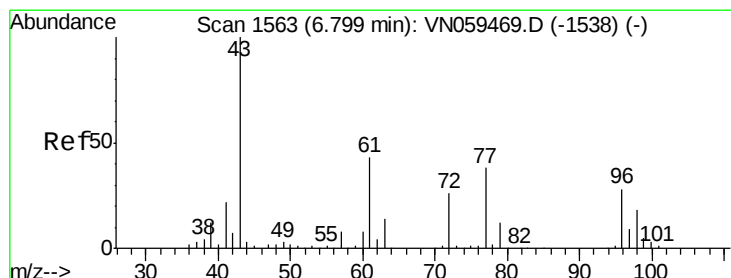
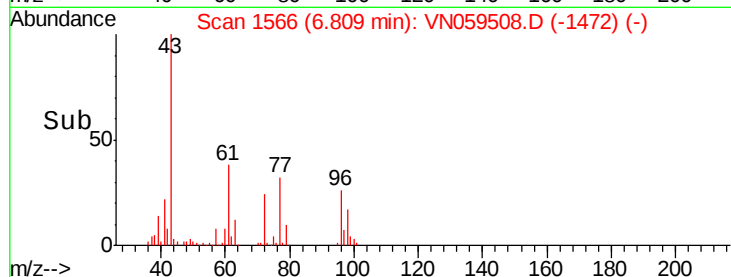
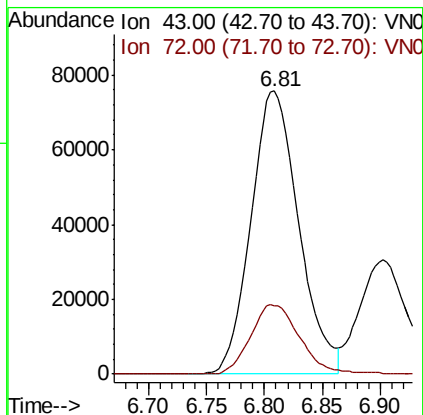
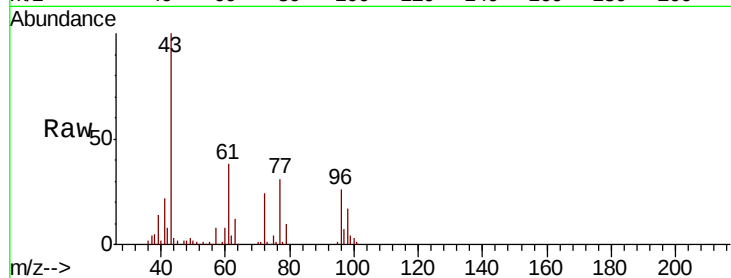
72 24.3 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 20.819 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059508.D

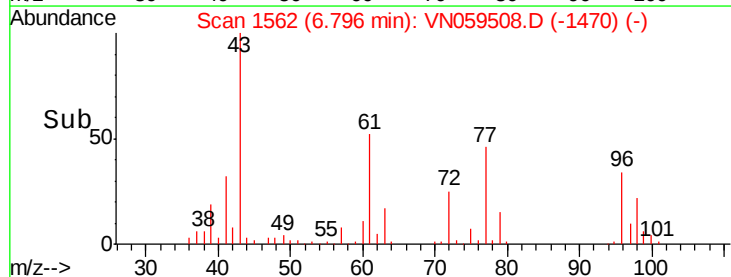
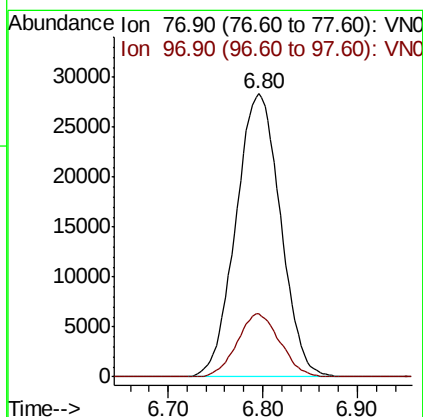
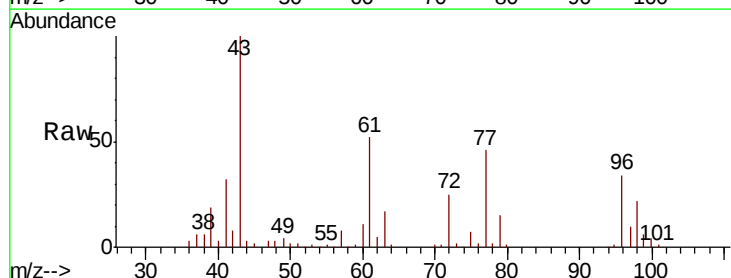
Acq: 6 Dec 2019 12:32

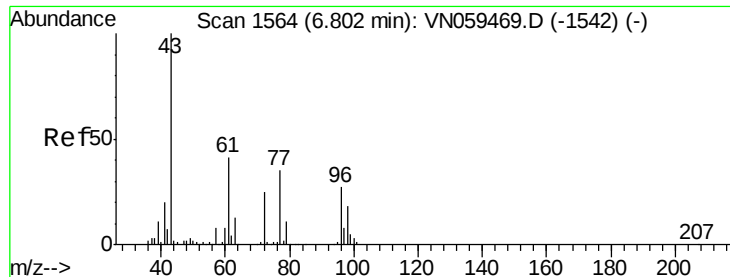
Tgt Ion: 77 Resp: 92820

Ion Ratio Lower Upper

77 100

97 21.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.037 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

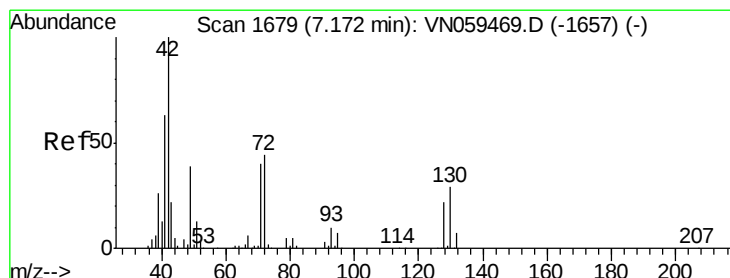
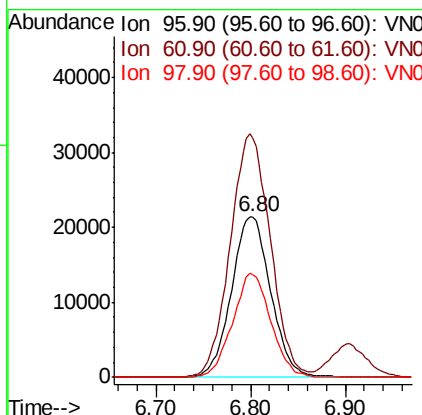
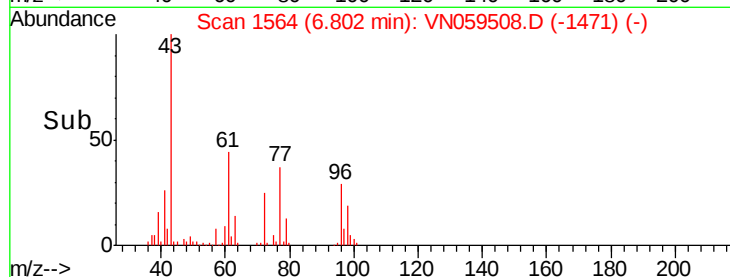
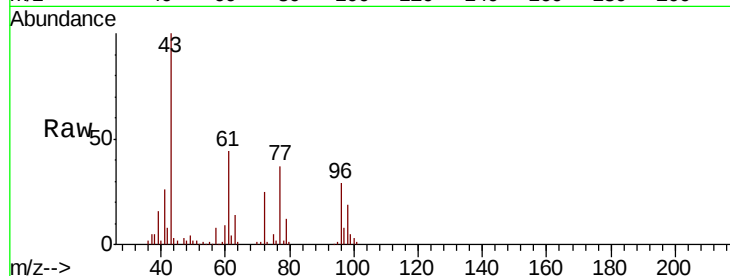
ClientSampleId :

VN1206WBSD01

Tot Ion:	96	Resp:	61631
Ion	Ratio	Lower	Upper
96	100		
61	155.2	0.0	307.4
98	62.9	0.0	129.2

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#28

Bromochloromethane

Concen: 21.683 ug/l

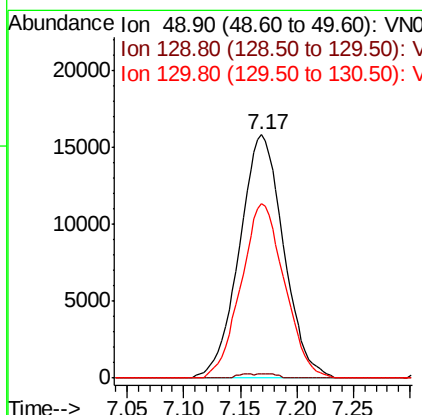
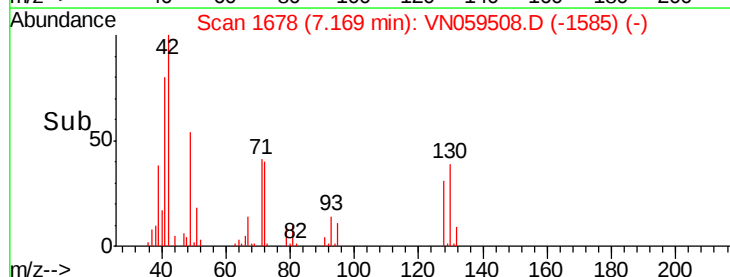
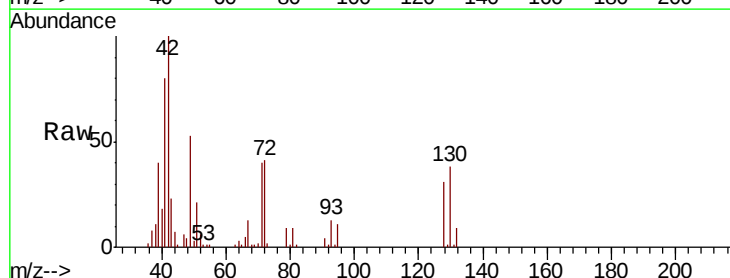
RT: 7.17 min Scan# 1678

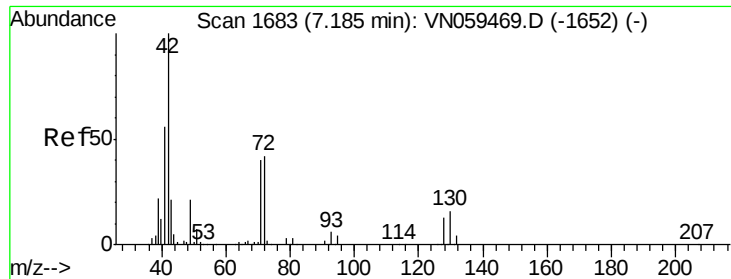
Delta R.T. -0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Tgt Ion:	49	Resp:	42843
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.2
130	70.6	58.4	87.6





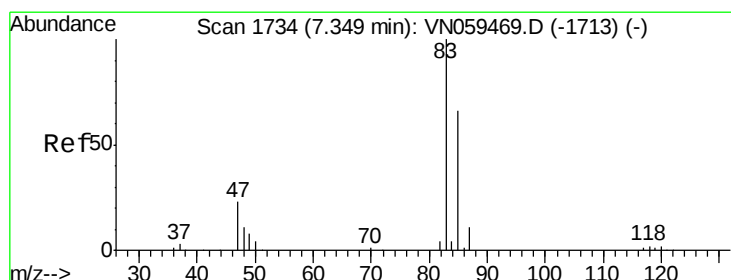
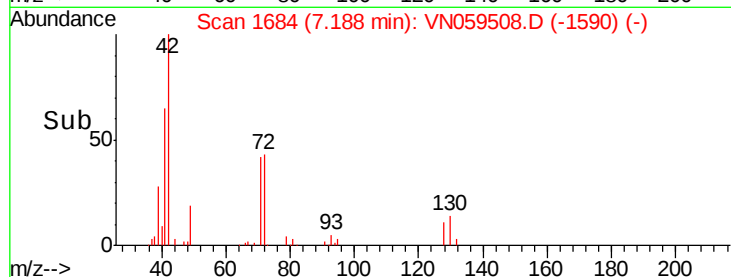
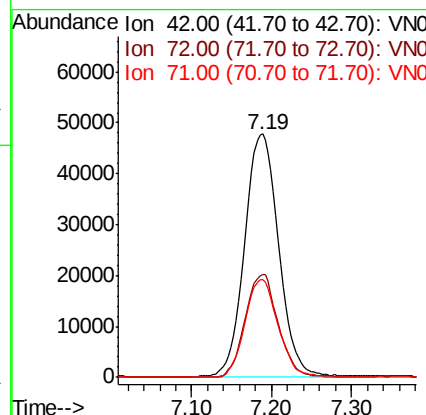
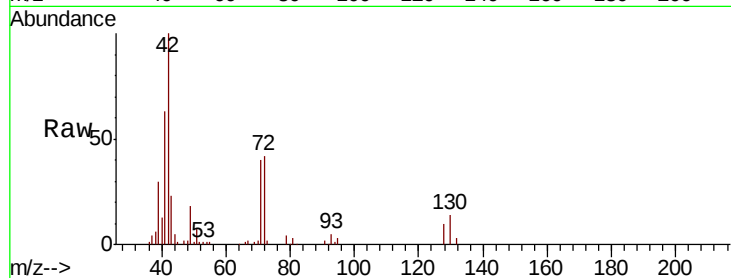
#29
Tetrahydrofuran
Concen: 97.970 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	34.2	51.2
71	38.8	32.0	48.0

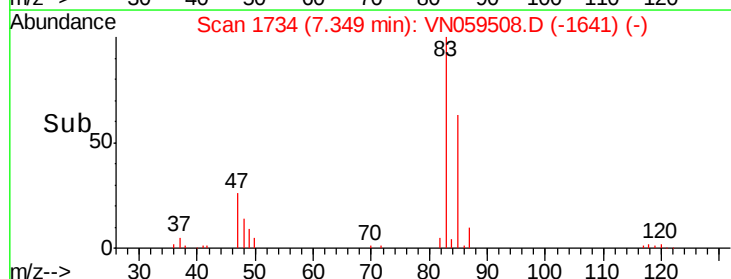
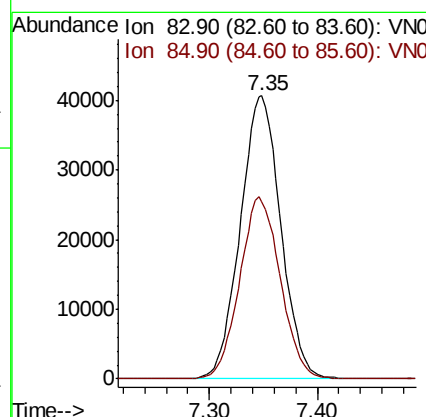
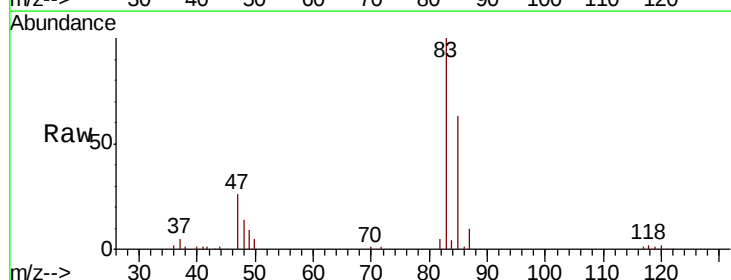
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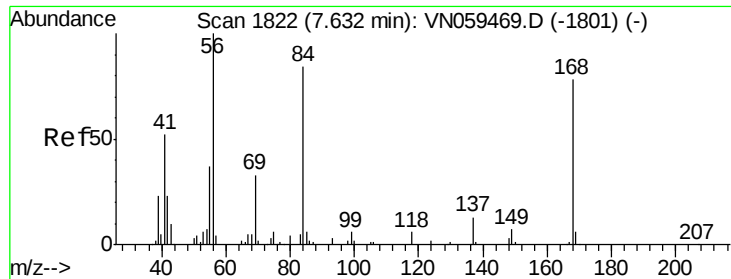
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#30
Chloroform
Concen: 21.285 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.4	78.6





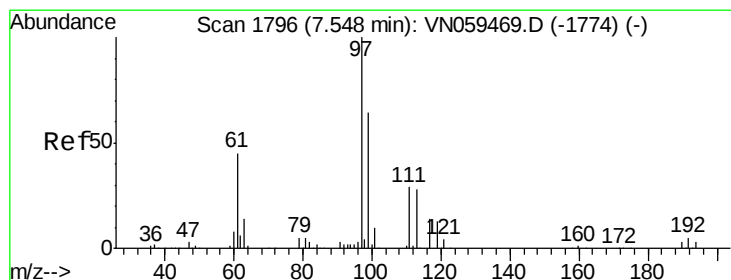
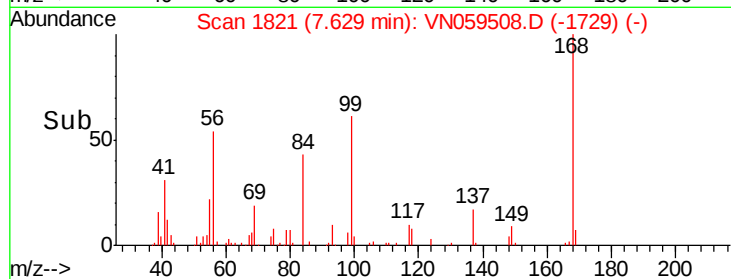
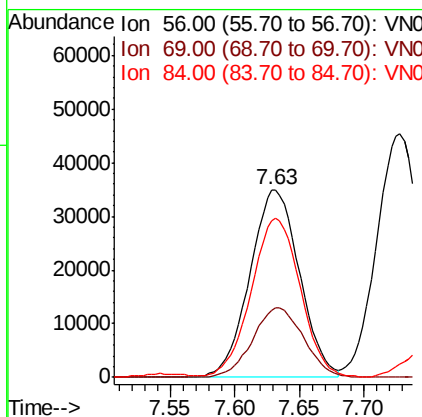
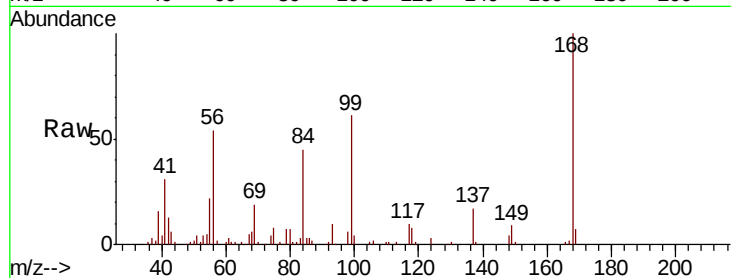
#31
Cyclohexane
Concen: 18.776 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.8	26.2	39.4
84	82.6	66.8	100.2

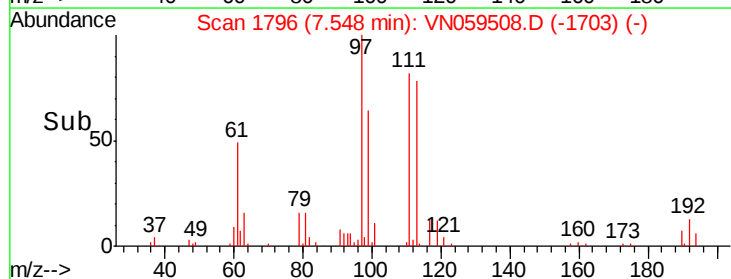
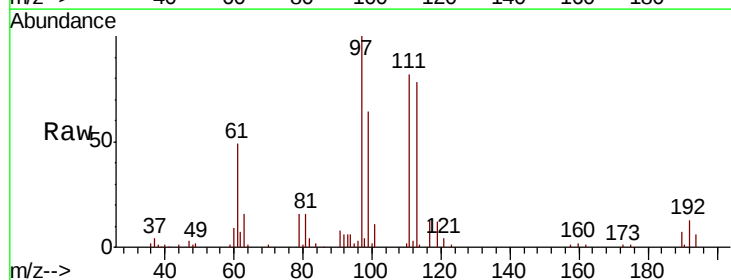
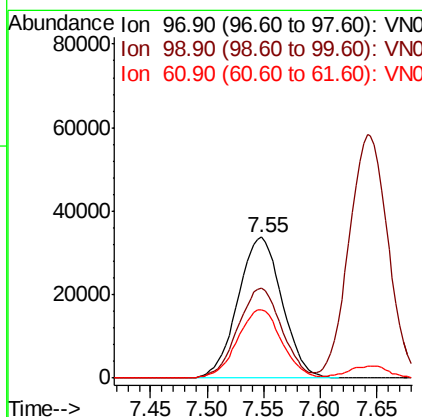
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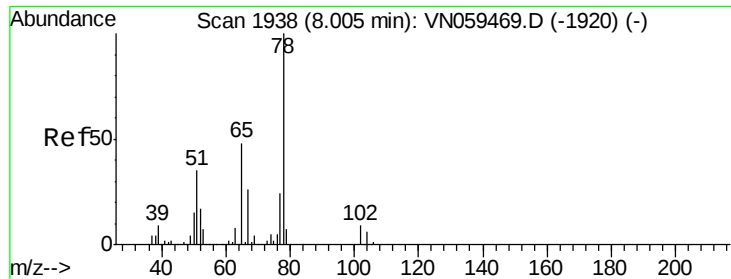
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#32
1,1,1-Trichloroethane
Concen: 21.160 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.7	77.5
61	48.9	35.4	53.0





#33

1,2-Dichloroethane-d4

Concen: 59.535 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01

Tot Ion: 65 Resp: 176496

Ion Ratio Lower Upper

65 100

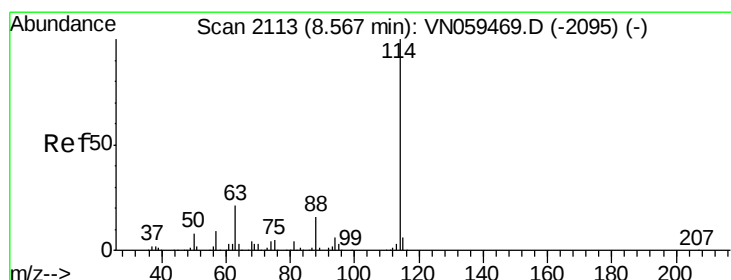
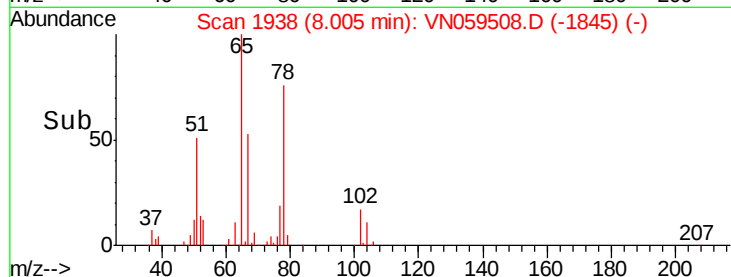
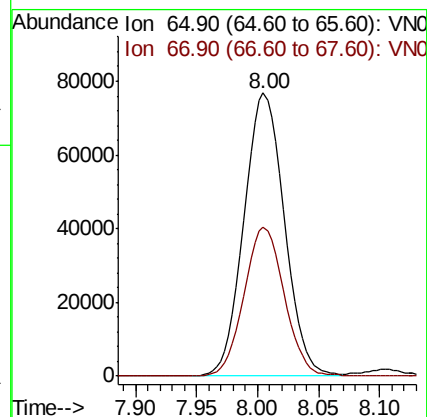
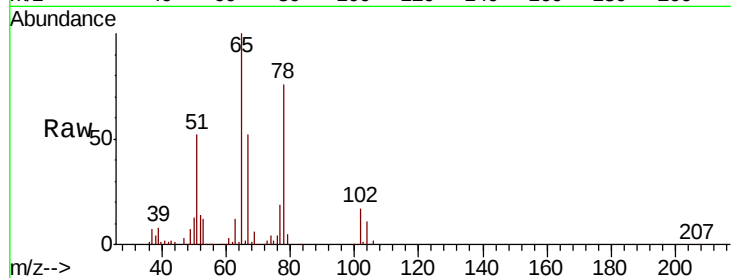
67 52.2 0.0 107.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

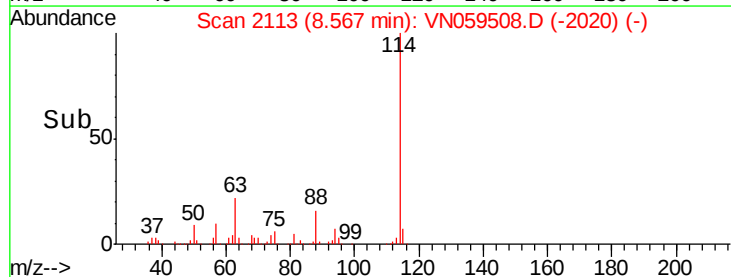
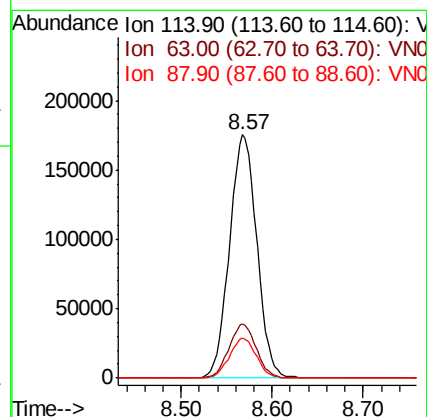
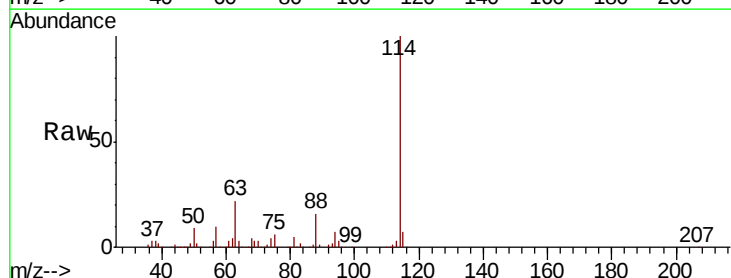
Tgt Ion: 114 Resp: 366909

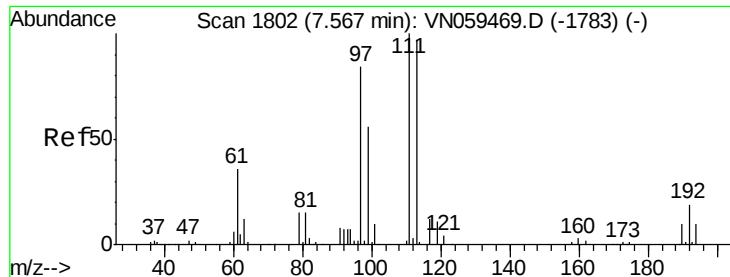
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.4

88 16.4 0.0 32.8





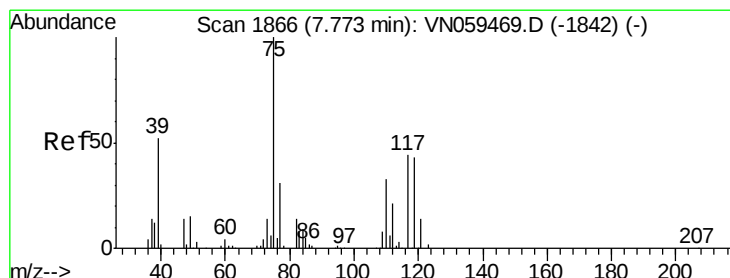
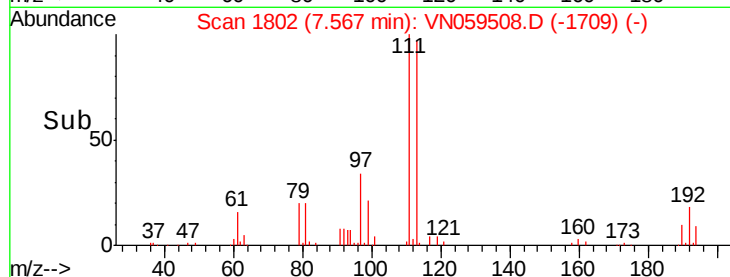
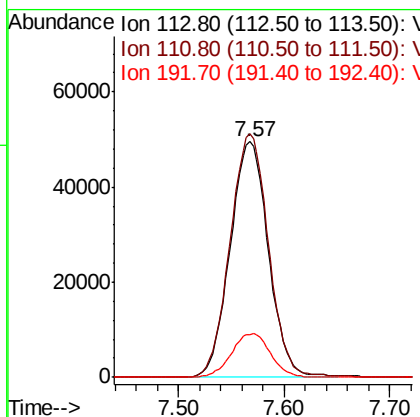
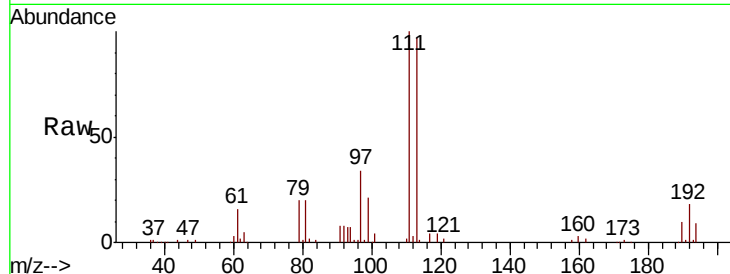
#35
 Dibromofluoromethane
 Concen: 54.583 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124733		
111	103.9	82.5	123.7	
192	18.9	16.1	24.1	

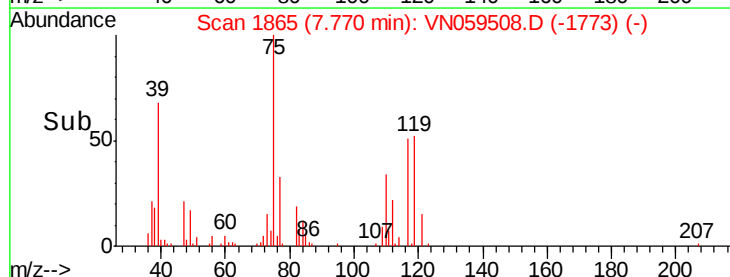
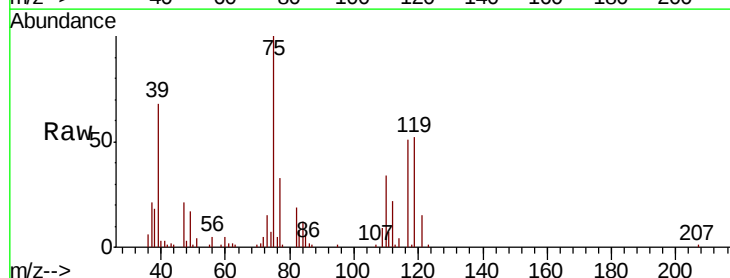
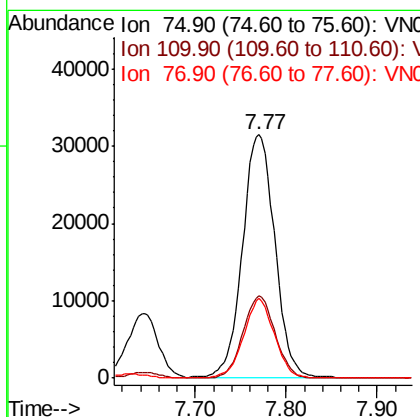
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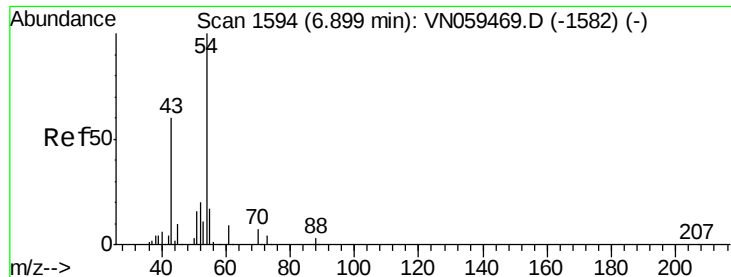
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#36
 1,1-Dichloropropene
 Concen: 20.463 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	78131		
110	33.2	16.9	50.7	
77	30.8	25.1	37.7	





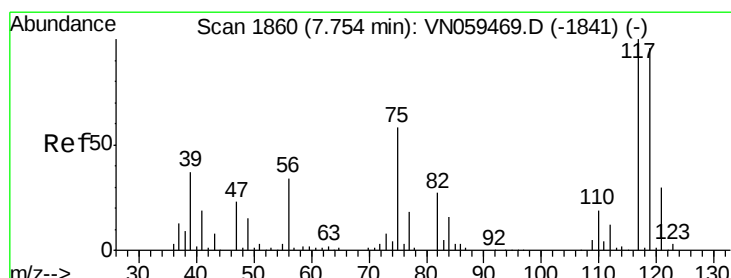
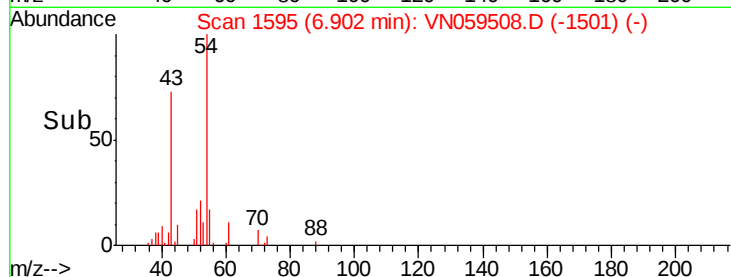
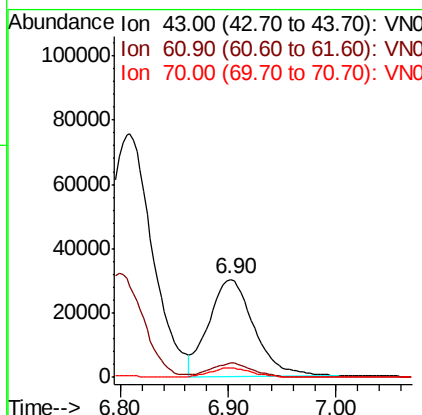
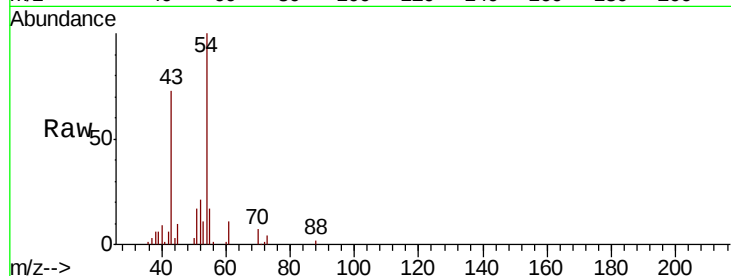
#37
Ethyl Acetate
Concen: 20.564 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampled :
VN1206WBSD01

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	13.8	11.3	16.9	
70	9.2	8.3	12.5	

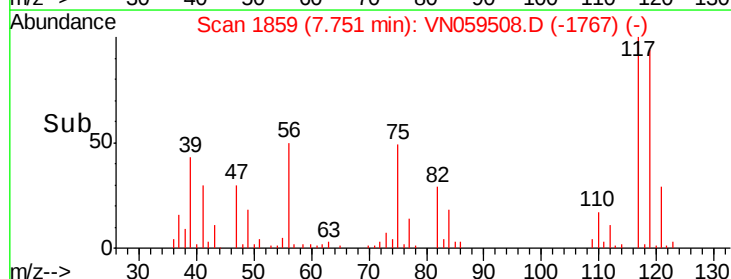
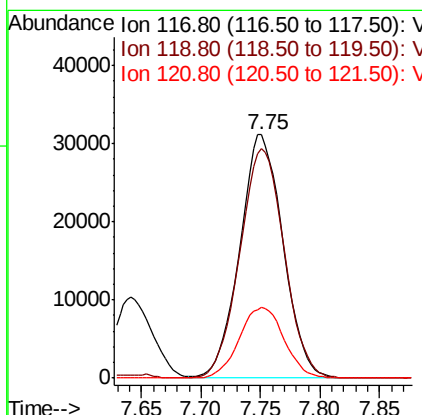
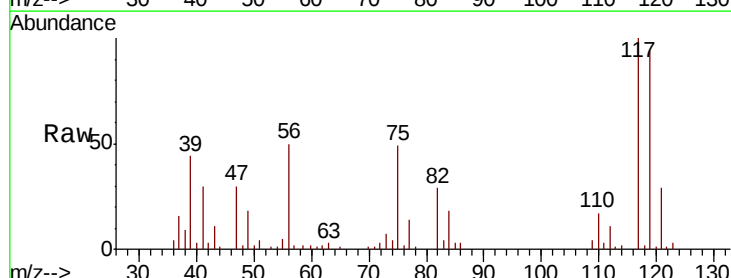
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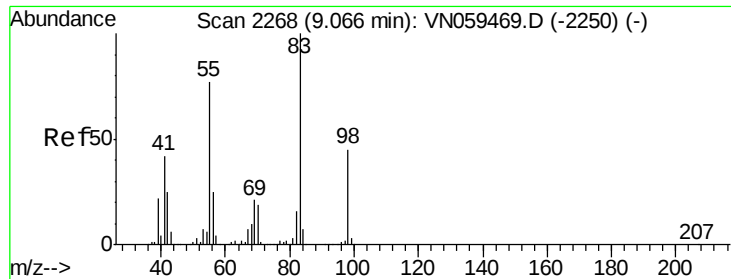
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#38
Carbon Tetrachloride
Concen: 21.369 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	94.1	76.6	114.8	
121	28.9	24.0	36.0	





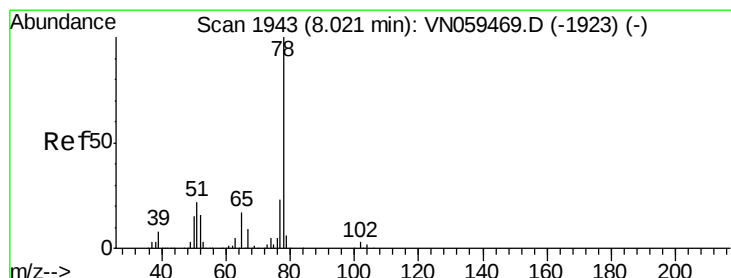
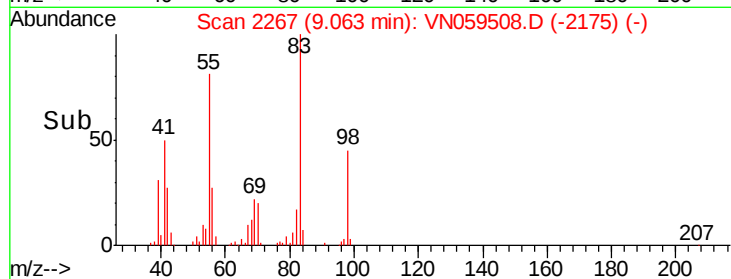
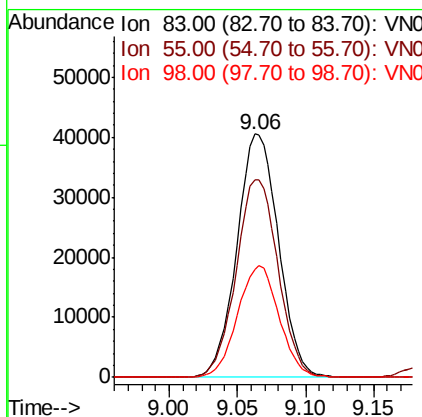
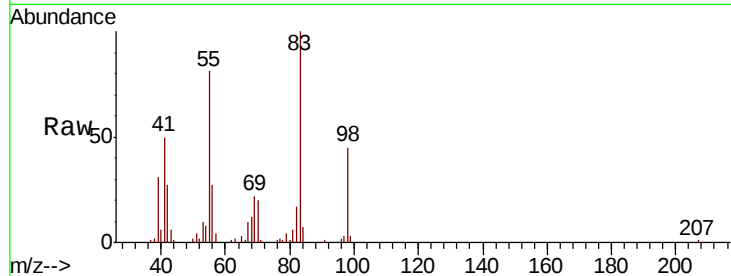
#39
Methvlcvclohexane
Concen: 18.672 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.2	61.8	92.6	
98	44.5	36.2	54.2	

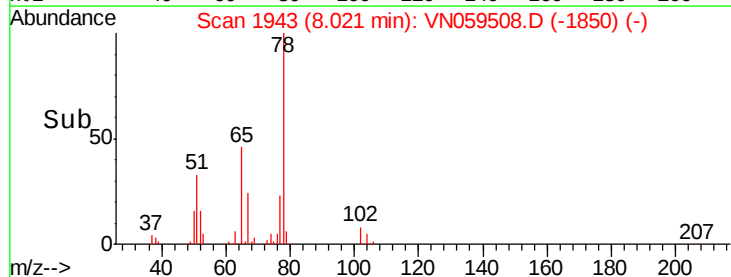
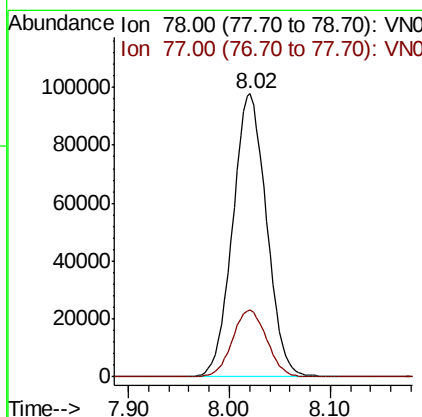
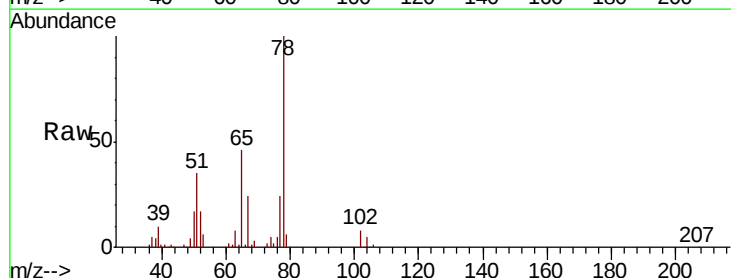
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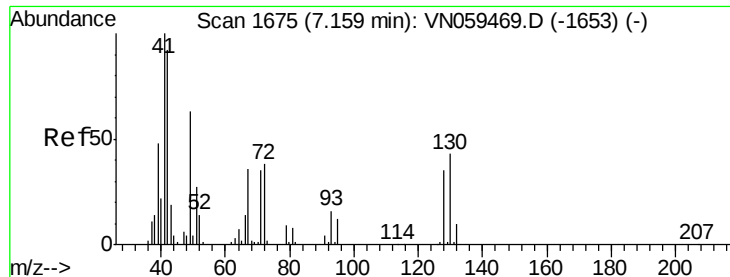
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#40
Benzene
Concen: 20.340 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	18.2	27.2	





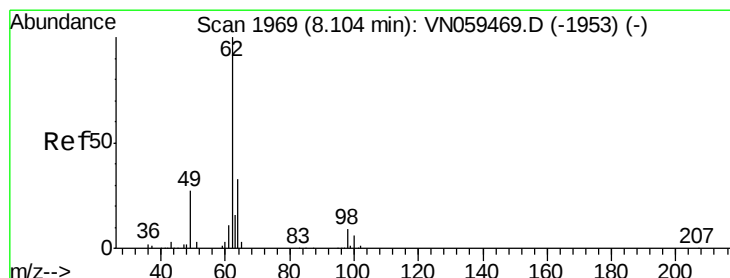
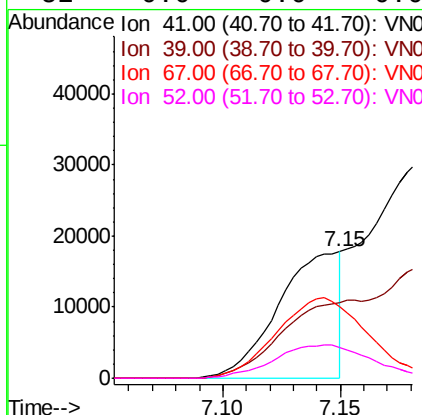
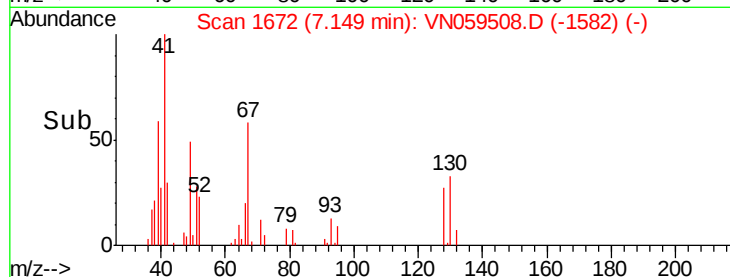
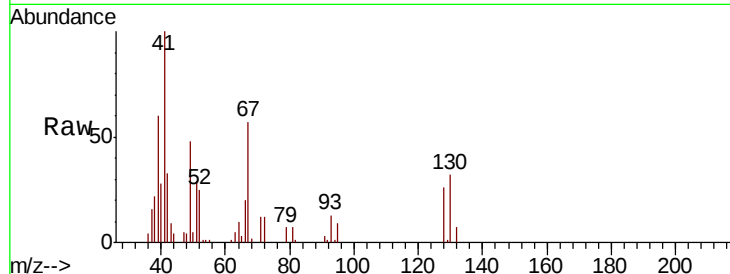
#41
Methacrylonitrile
Concen: 18.785 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	207.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

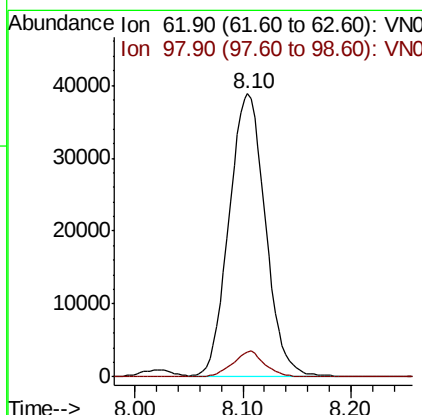
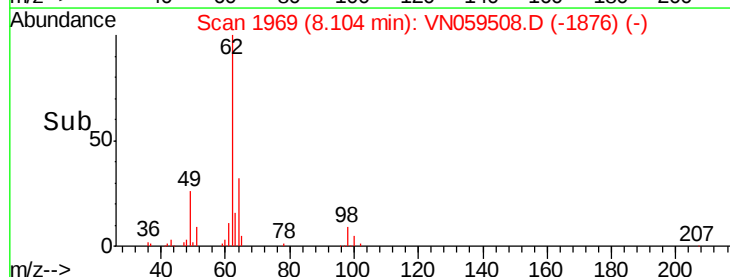
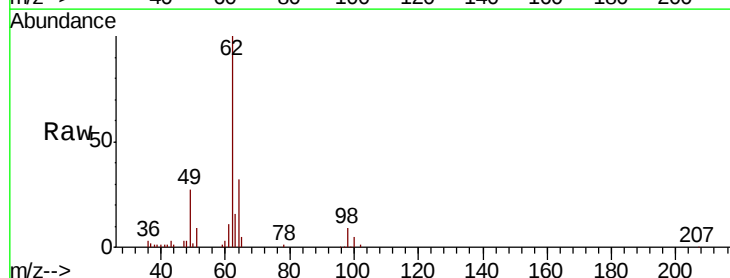
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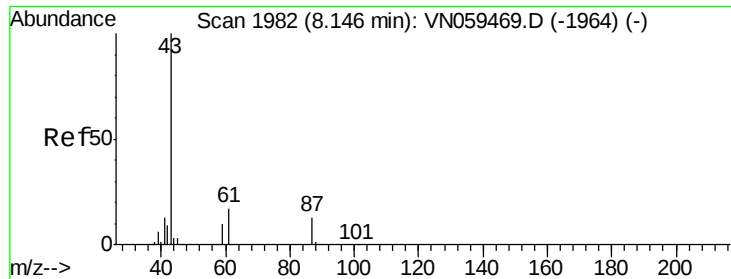
apatel
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#42
1,2-Dichloroethane
Concen: 24.046 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	17.8





#43

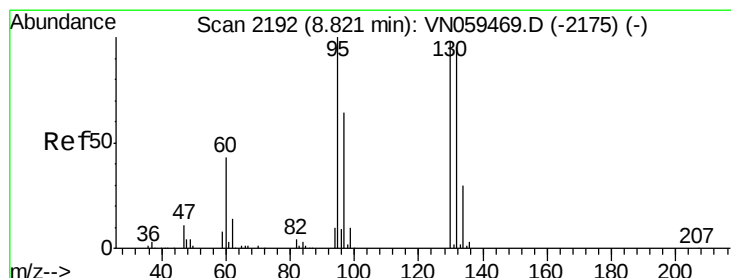
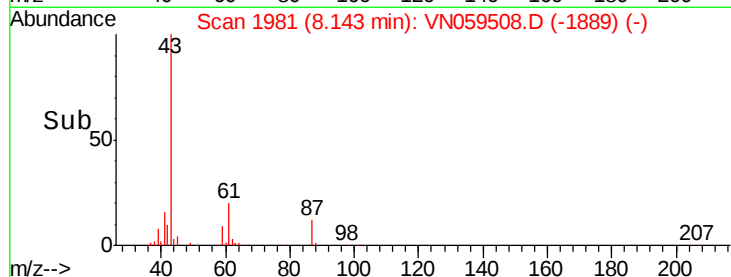
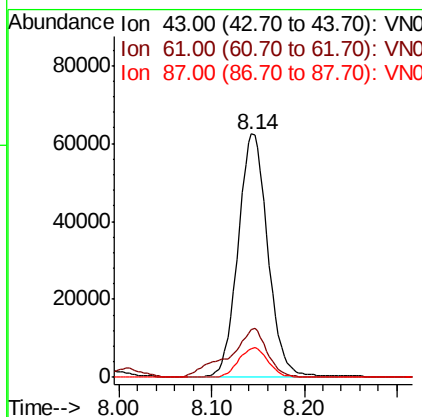
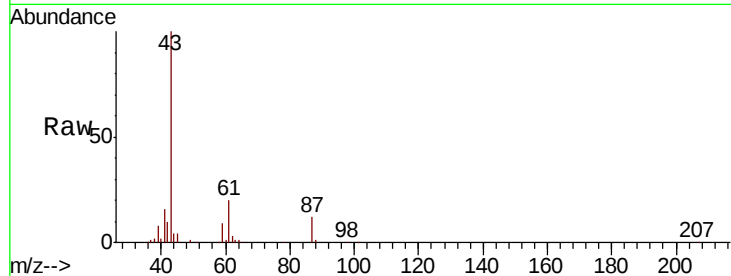
Isopropyl Acetate
 Concen: 21.972 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.5	21.0	31.6
87	12.0	10.4	15.6

Manual Integrations
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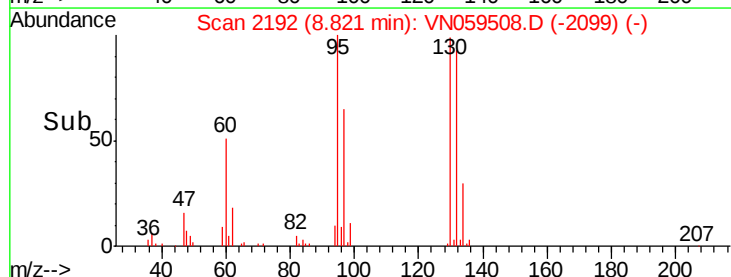
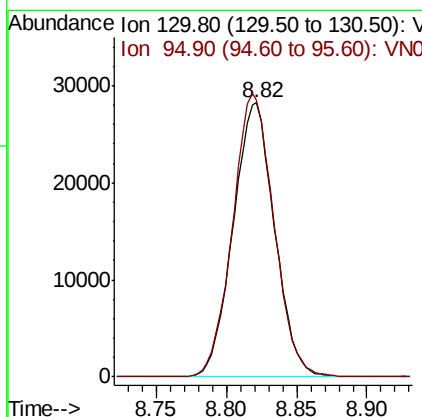
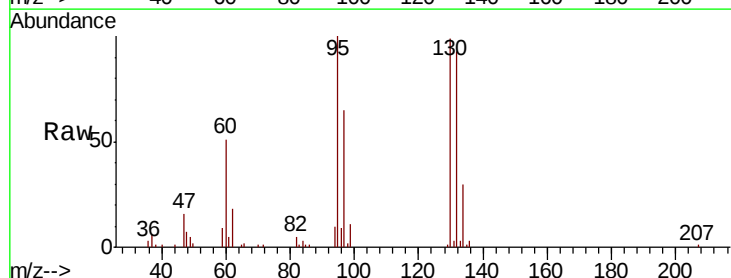
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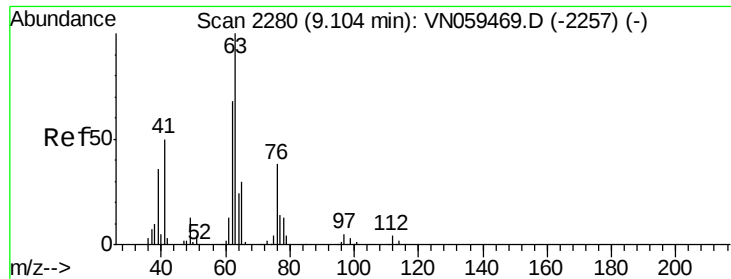


#44

Trichloroethene
 Concen: 19.835 ug/l
 RT: 8.82 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	203.6





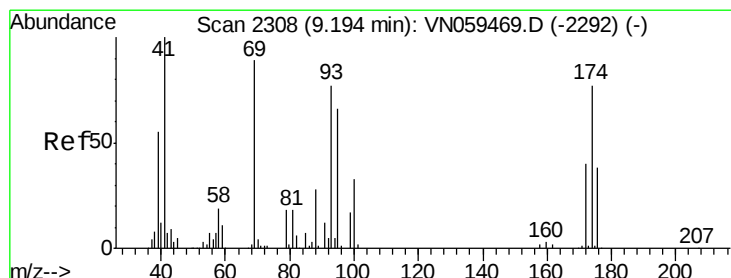
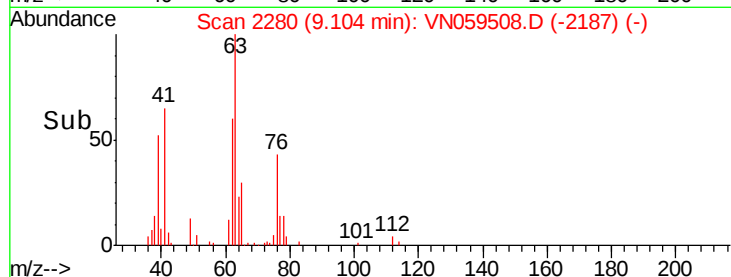
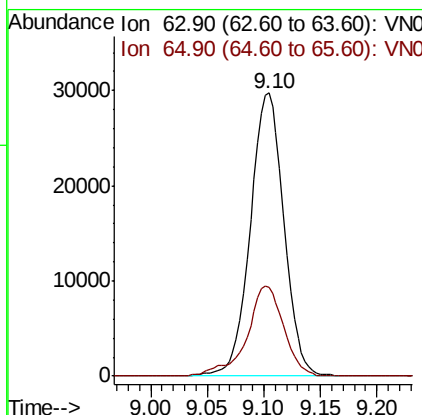
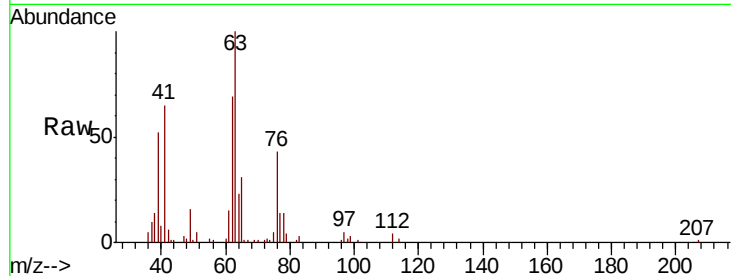
#45
 1,2-Dichloropropane
 Concen: 20.555 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Tot Ion: 63 Resp: 61402
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.4 36.6

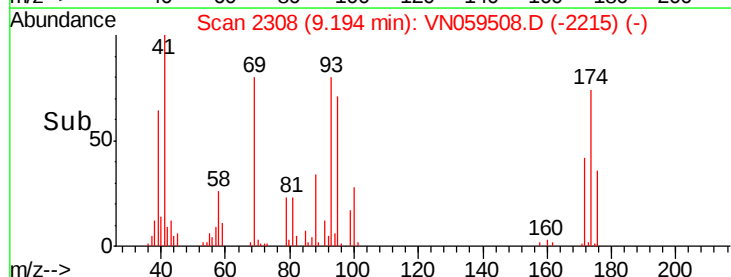
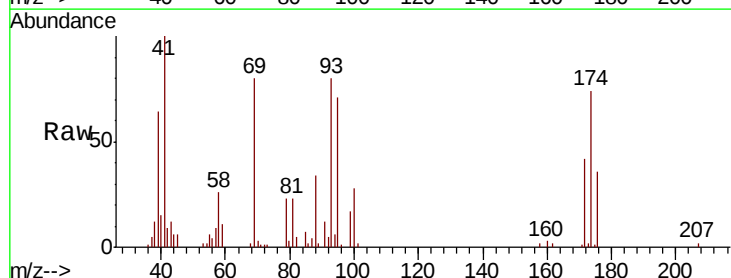
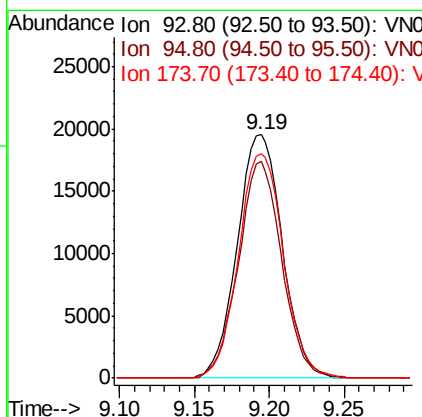
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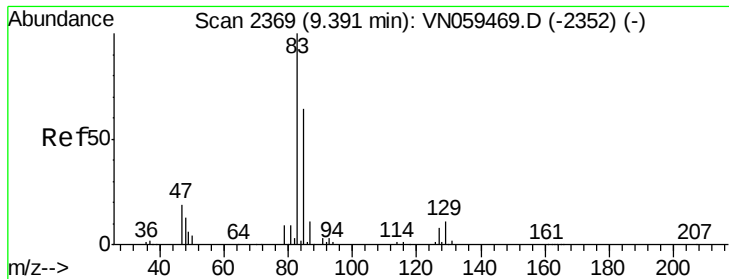
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#46
 Dibromomethane
 Concen: 22.019 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Tgt Ion: 93 Resp: 40951
 Ion Ratio Lower Upper
 93 100
 95 85.7 67.0 100.6
 174 92.1 79.6 119.4





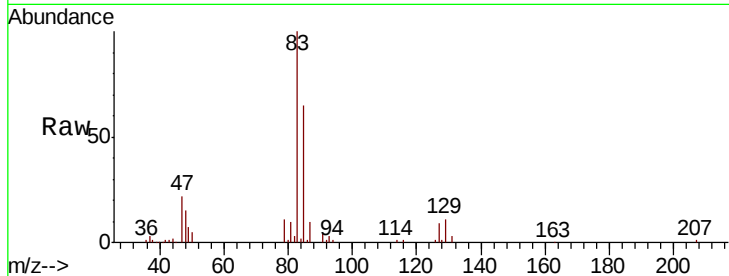
#47
Bromodichloromethane
Concen: 22.195 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

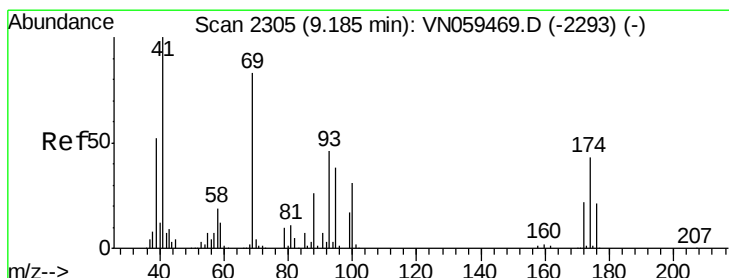
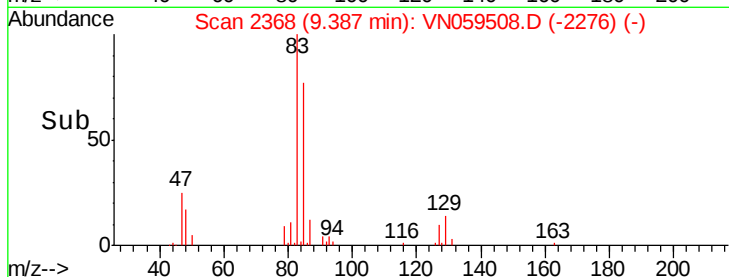
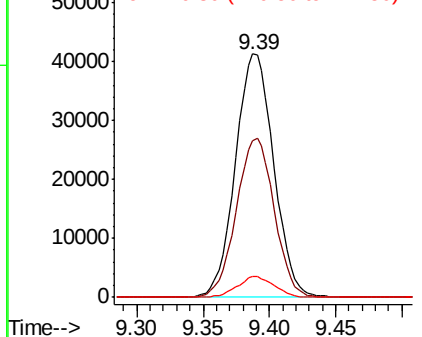
Tot Ion	83	Resp	82764
Ion Ratio	100	Lower	Upper
83	100		
85	64.5	51.0	76.6
127	8.7	6.6	9.8

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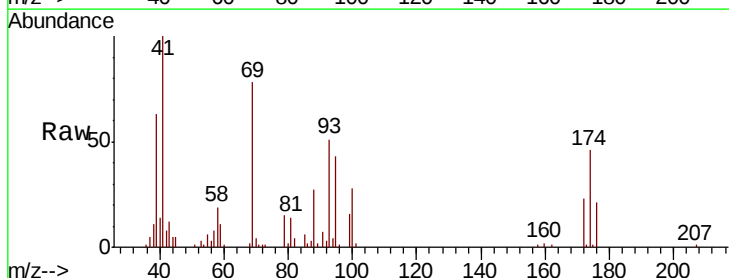


Abundance Ion 82.90 (82.60 to 83.60): VN059469.D (-2352) (-)

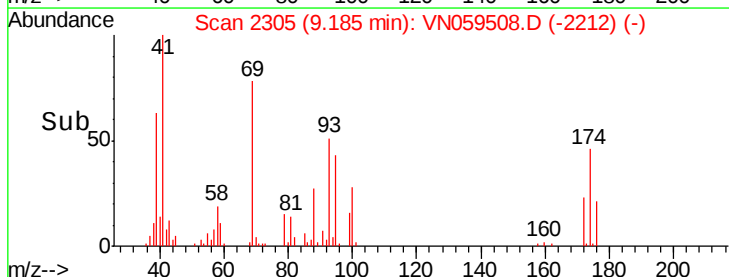
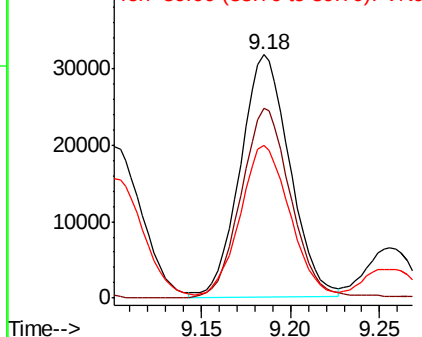


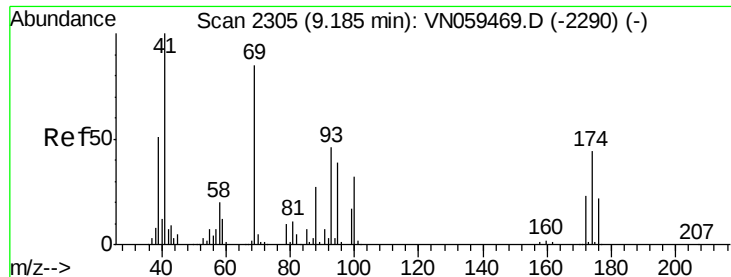
#48
Methyl methacrylate
Concen: 21.445 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion	41	Resp	61371
Ion Ratio	100	Lower	Upper
41	100		
69	78.4	68.6	103.0
39	63.2	43.2	64.8



Abundance Ion 41.00 (40.70 to 41.70): VN059469.D (-2293) (-)





#49

1,4-Dioxane

Concen: 431.116 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

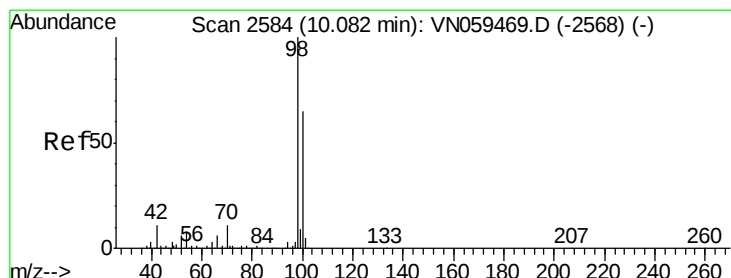
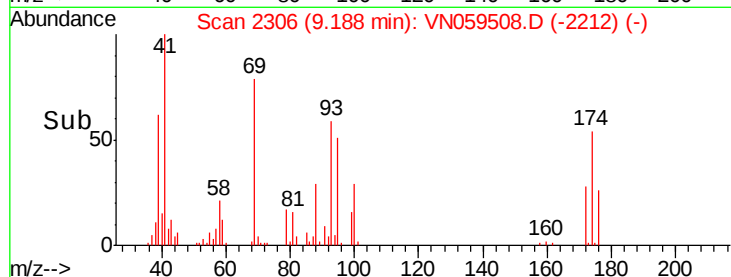
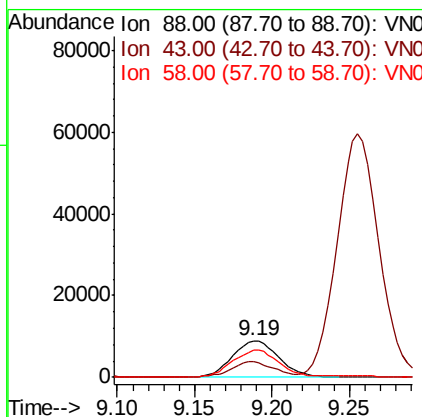
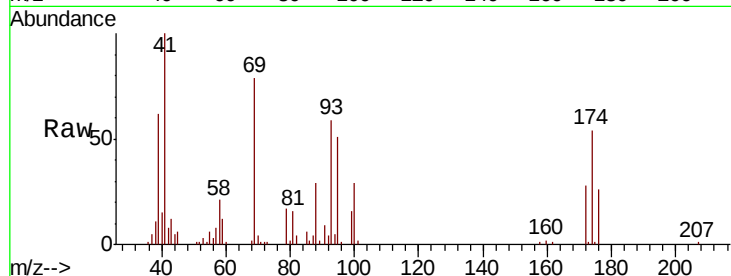
ClientSampleId :

VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.2	27.1	40.7
58	74.7	57.8	86.6

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#50

Toluene-d8

Concen: 52.347 ug/l

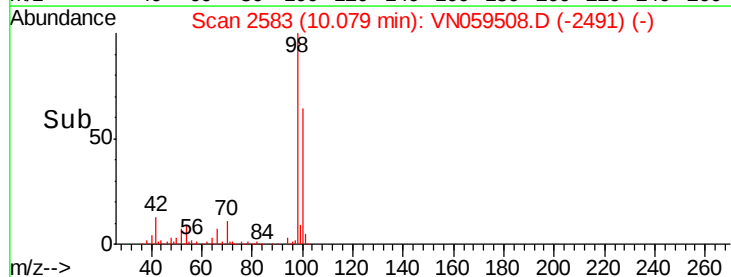
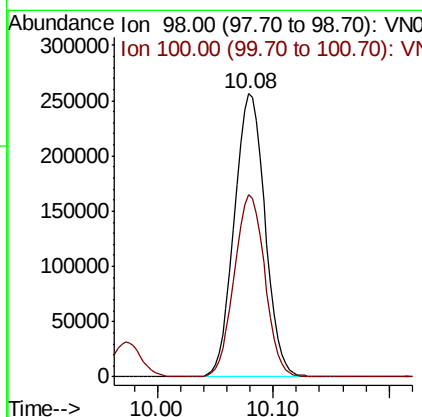
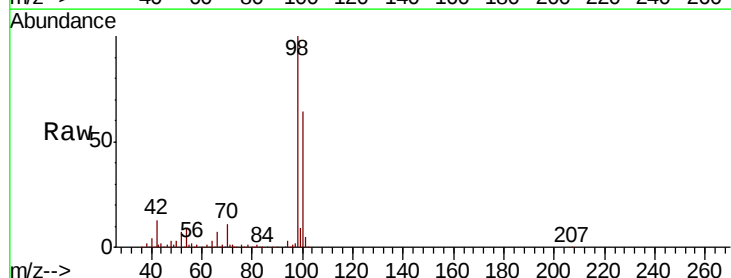
RT: 10.08 min Scan# 2583

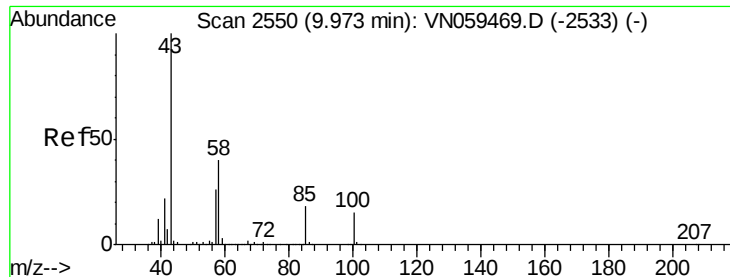
Delta R.T. -0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 111.535 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01

Tot Ion: 43 Resp: 419963

Ion Ratio Lower Upper

43 100

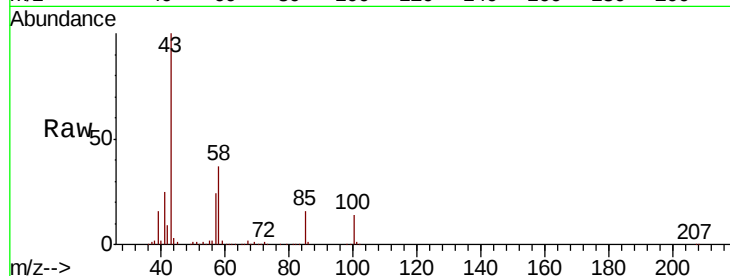
58 37.0 32.1 48.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN059469.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN059469.D (-2533) (-)

9.97

250000

200000

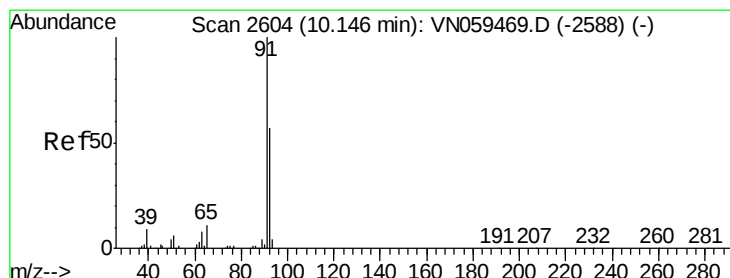
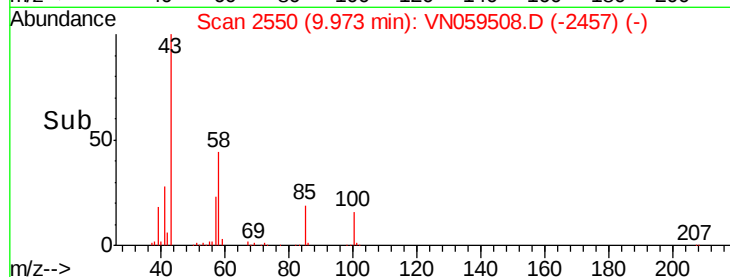
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.629 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059508.D

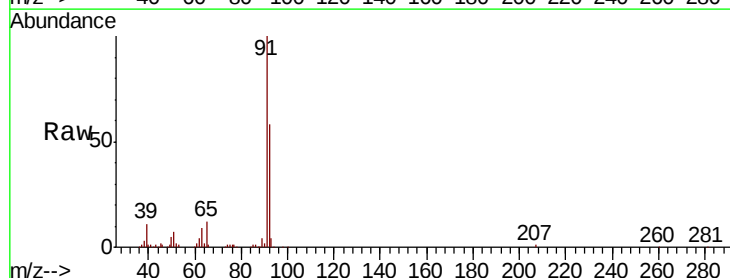
Acq: 6 Dec 2019 12:32

Tgt Ion: 92 Resp: 139494

Ion Ratio Lower Upper

92 100

91 175.1 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN059469.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN059469.D (-2588) (-)

10.14

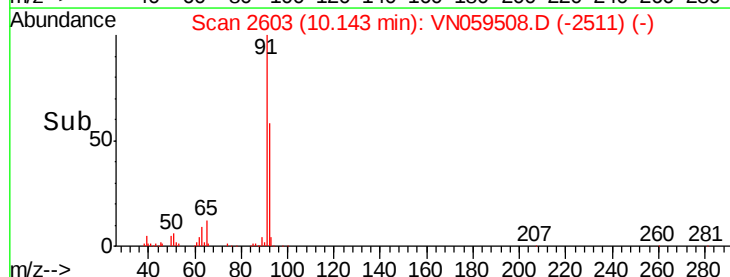
150000

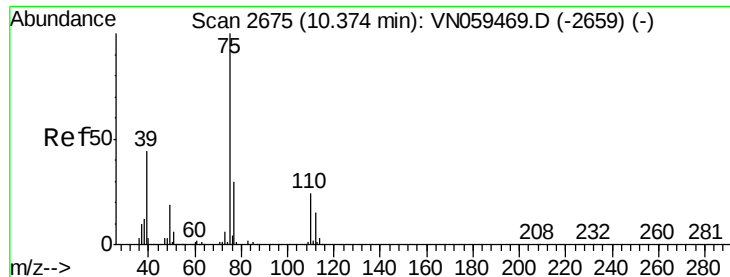
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.109 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01

Tot Ion: 75 Resp: 92623

Ion Ratio Lower Upper

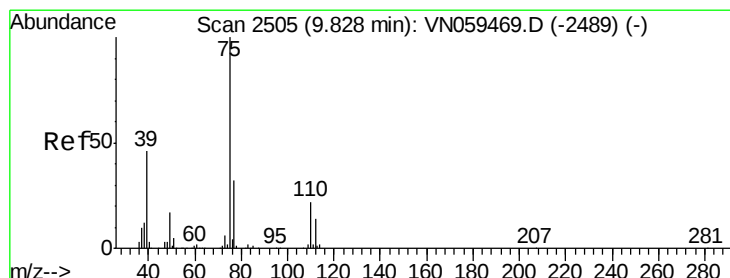
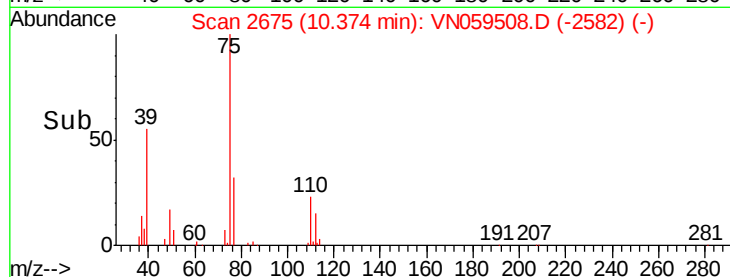
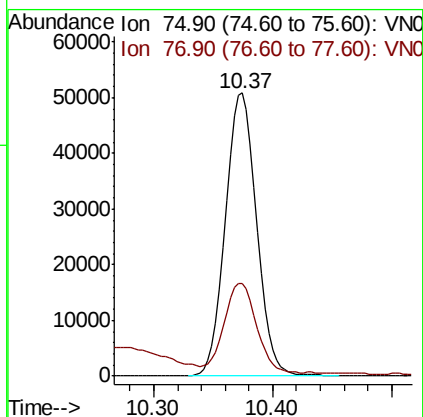
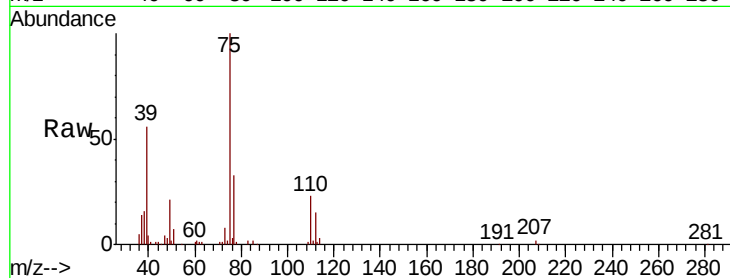
75 100

77 31.7 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 20.812 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

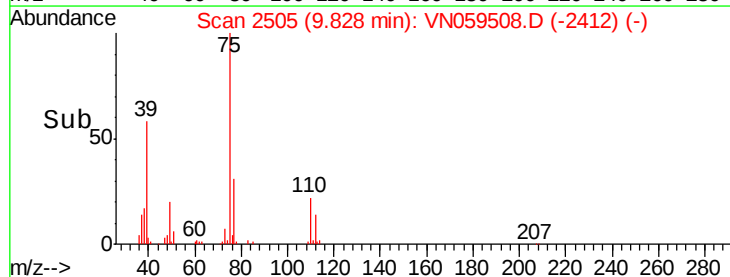
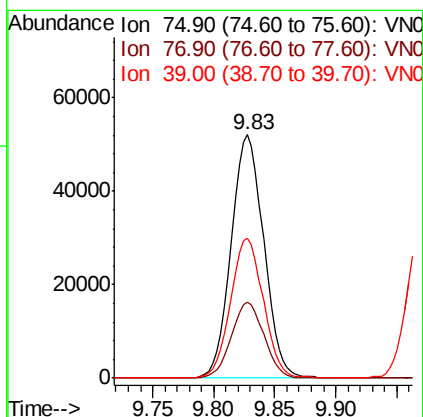
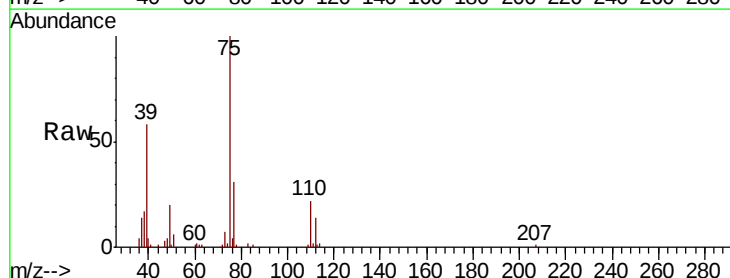
Tgt Ion: 75 Resp: 96795

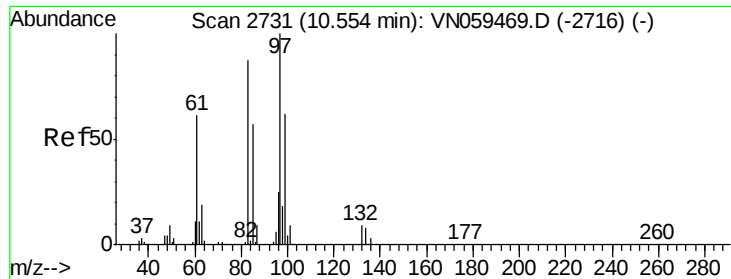
Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5

39 57.5 36.6 54.8#





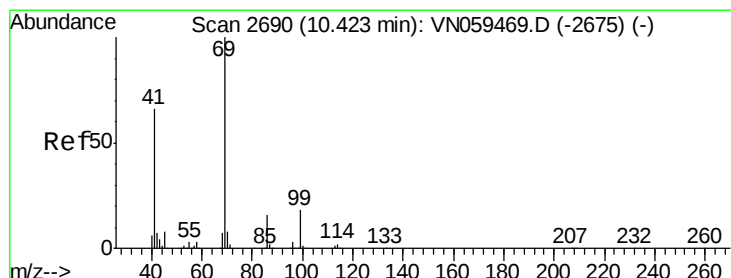
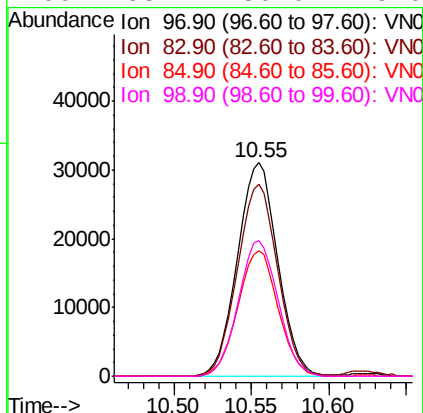
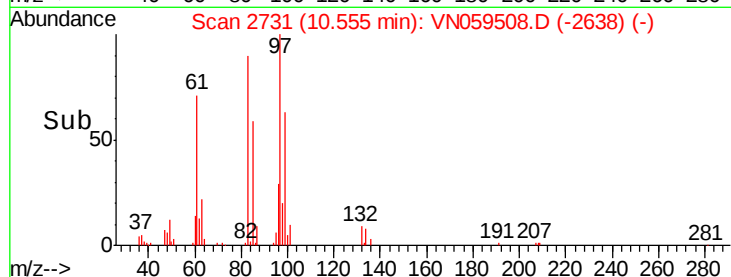
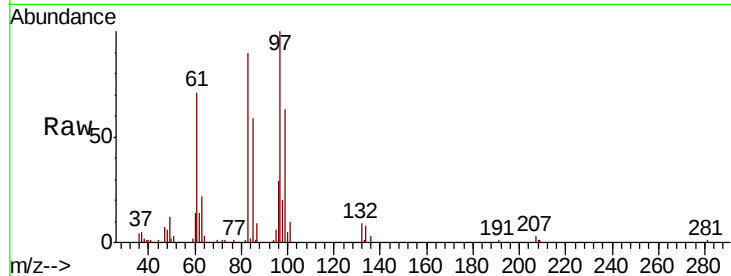
#55
 1,1,2-Trichloroethane
 Concen: 21.146 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Tot Ion:	97	Resp:	56369
Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.8	104.8
85	58.7	45.5	68.3
99	63.4	50.0	75.0

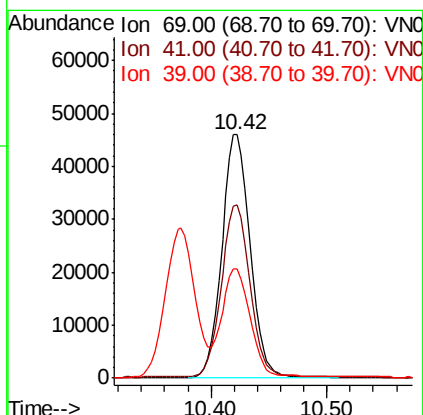
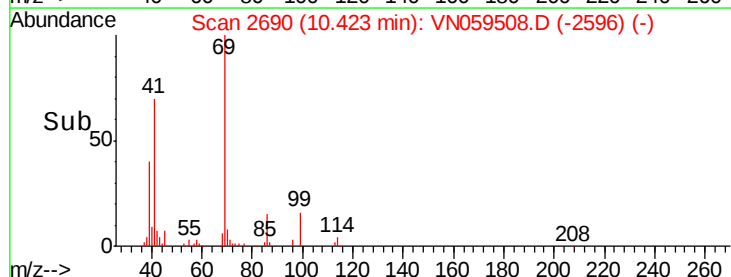
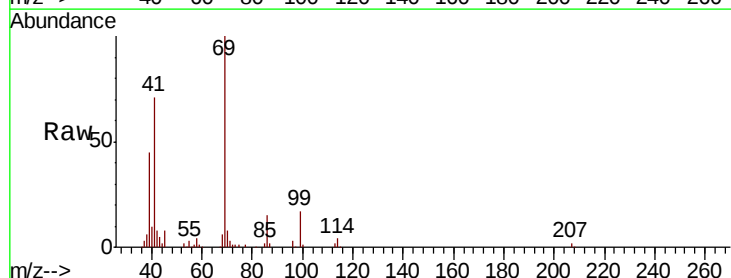
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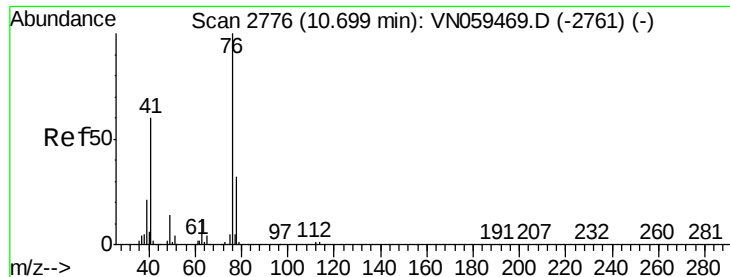
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#56
 Ethyl methacrylate
 Concen: 19.012 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Tgt Ion:	69	Resp:	78051
Ion	Ratio	Lower	Upper
69	100		
41	71.3	52.7	79.1
39	44.6	25.0	37.6#





#57

1,3-Dichloropropane

Concen: 20.919 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01

Tot Ion: 76 Resp: 96431

Ion Ratio Lower Upper

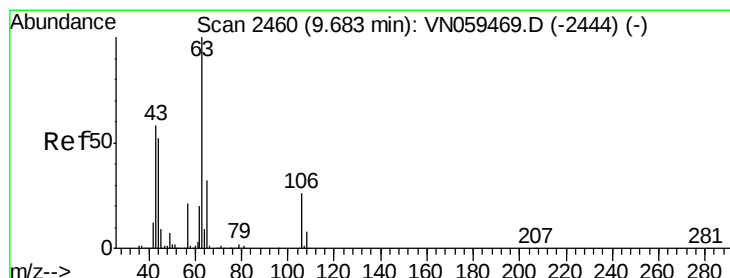
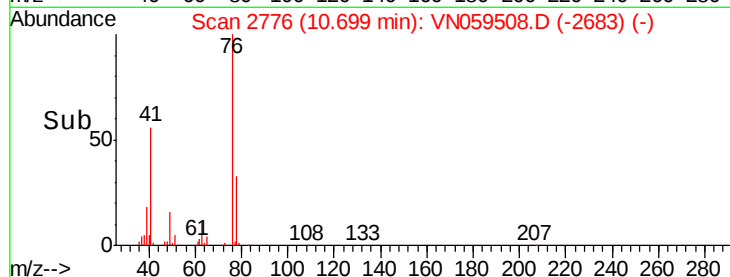
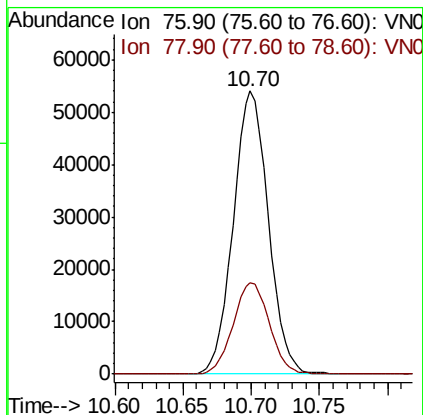
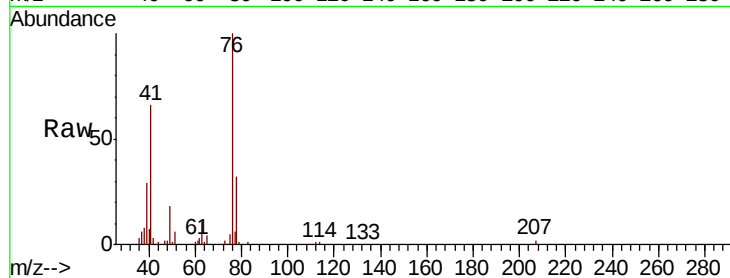
76 100

78 33.4 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 96.434 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059508.D

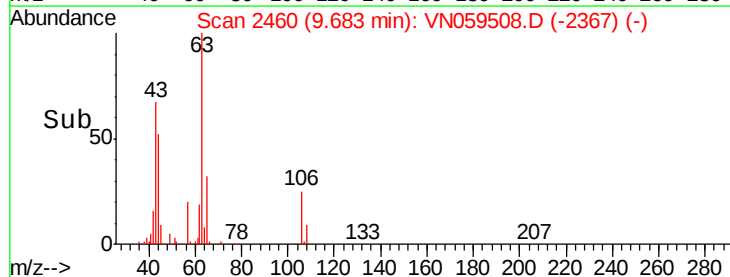
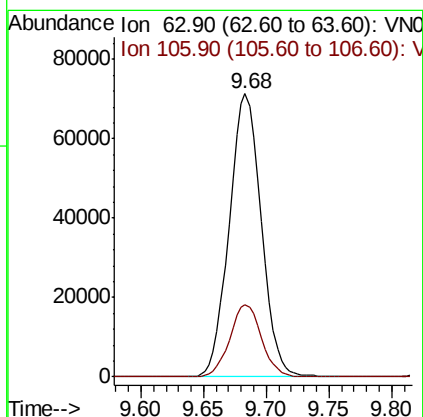
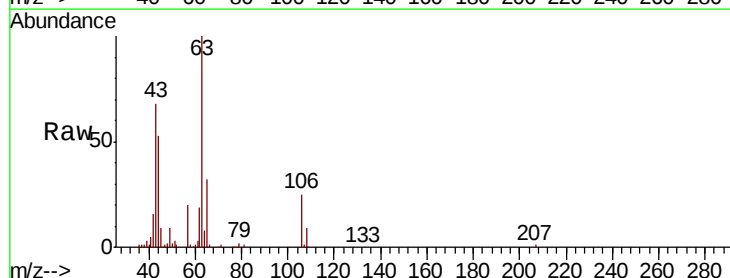
Acq: 6 Dec 2019 12:32

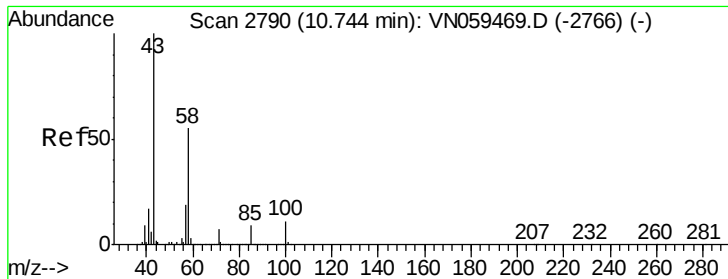
Tgt Ion: 63 Resp: 126685

Ion Ratio Lower Upper

63 100

106 25.1 20.4 30.6





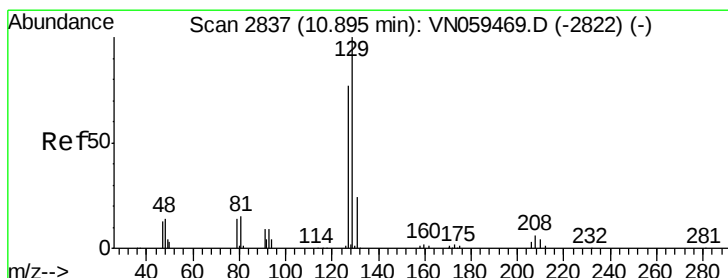
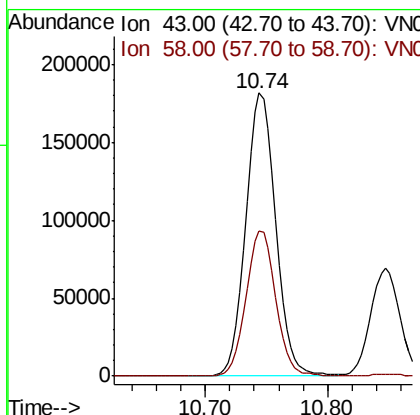
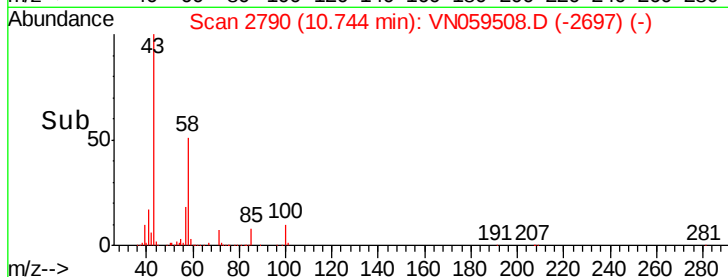
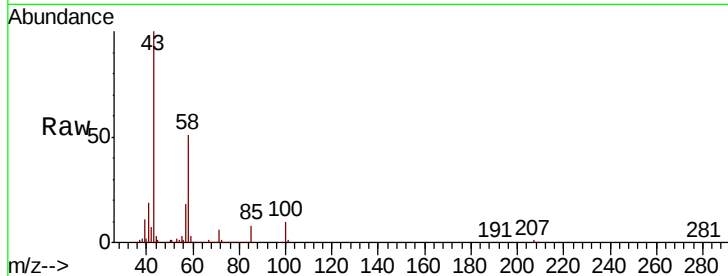
#59
2-Hexanone
Concen: 107.928 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion: 43 Resp: 305830
Ion Ratio Lower Upper
43 100
58 50.8 27.7 83.0

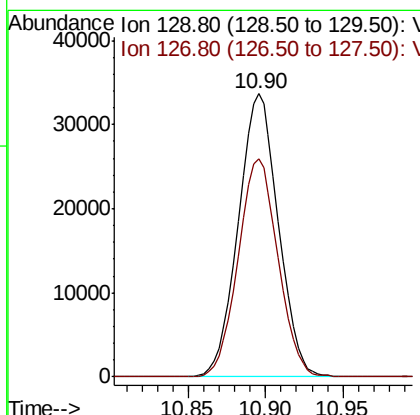
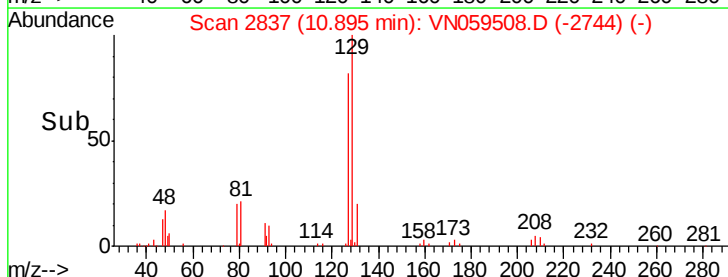
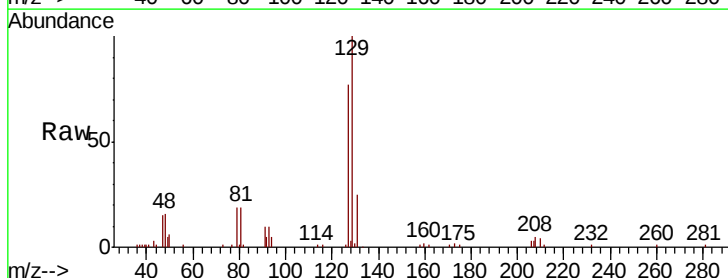
Manual Integrations
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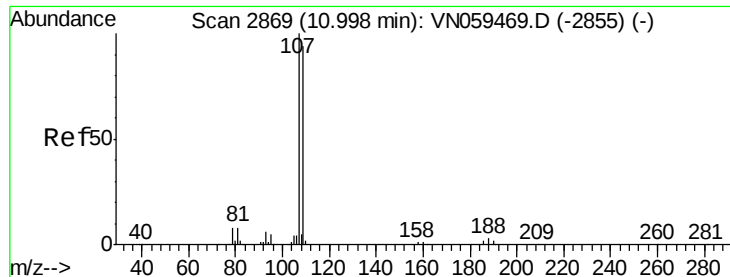
apatel
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#60
Dibromochloromethane
Concen: 21.209 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion: 129 Resp: 60368
Ion Ratio Lower Upper
129 100
127 76.8 39.0 116.9





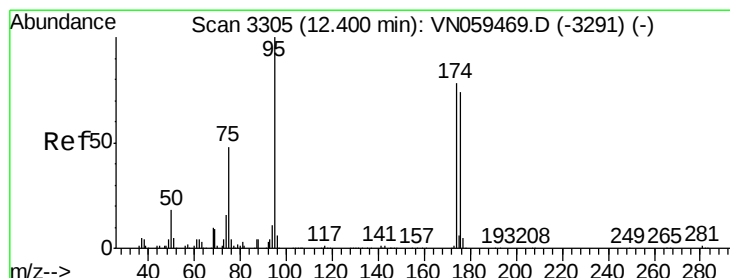
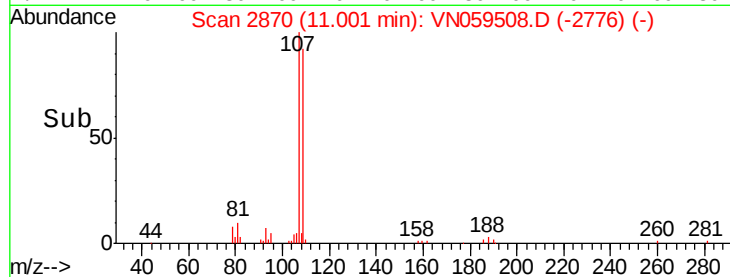
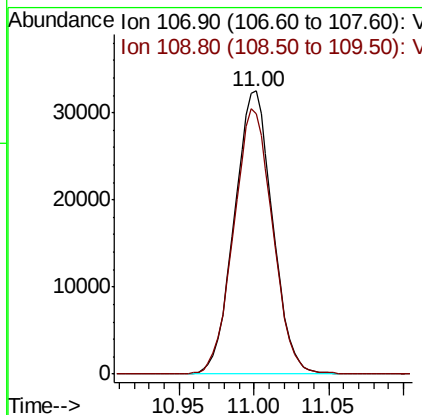
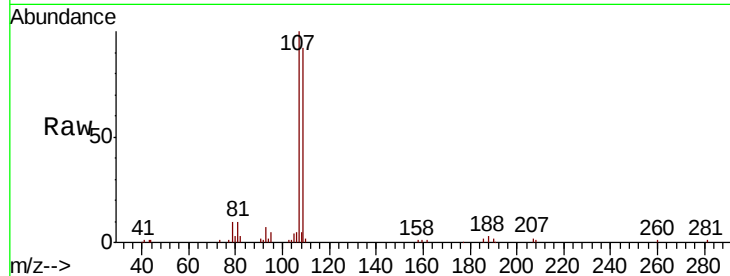
#61
 1,2-Dibromoethane
 Concen: 20.976 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.4	113.0

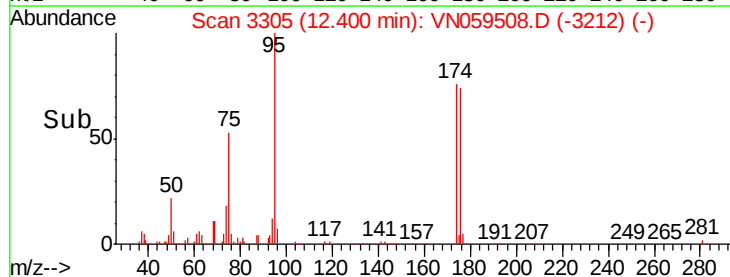
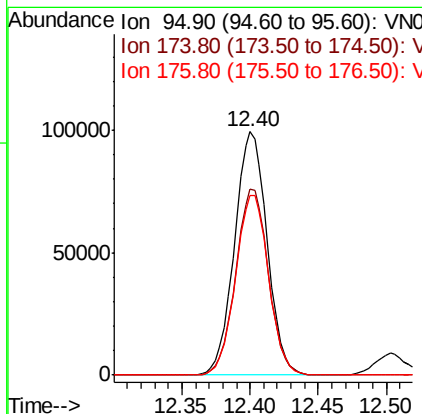
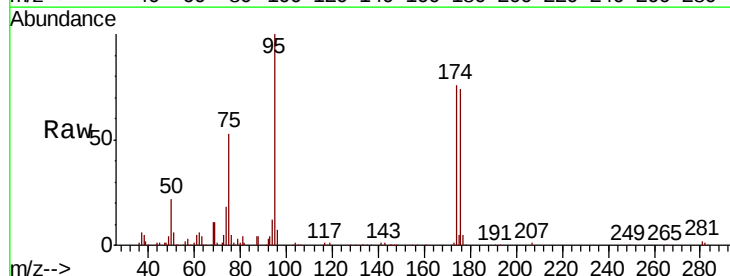
Manual Integrations
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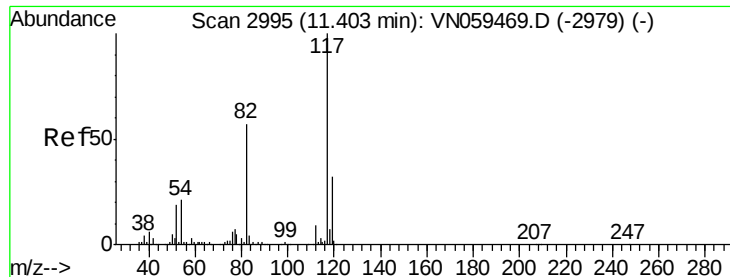
apatel
 12/9/2019 8:47:46 AM



#62
 4-Bromofluorobenzene
 Concen: 52.251 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	157.0
176	75.0	0.0	152.4





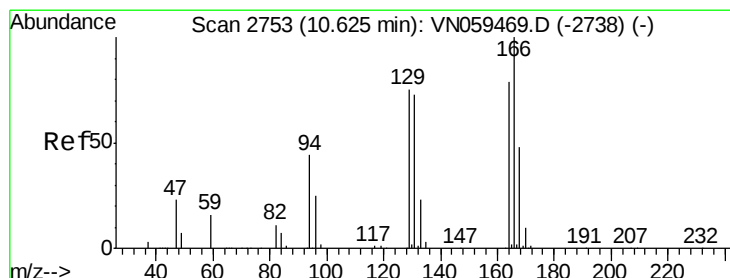
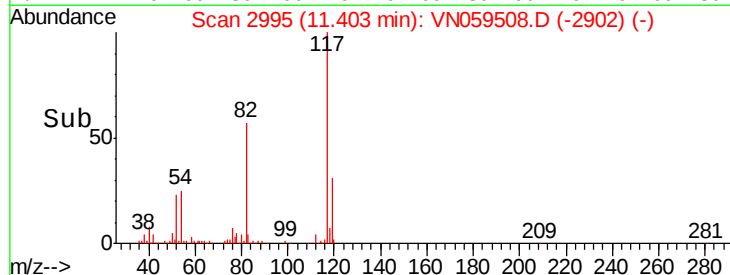
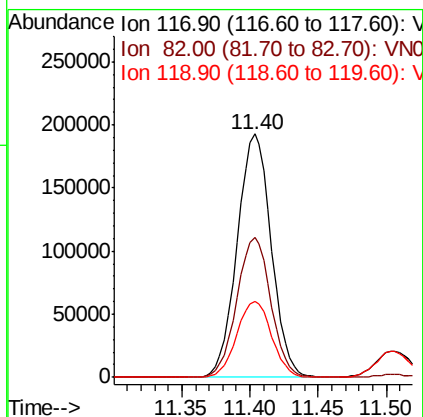
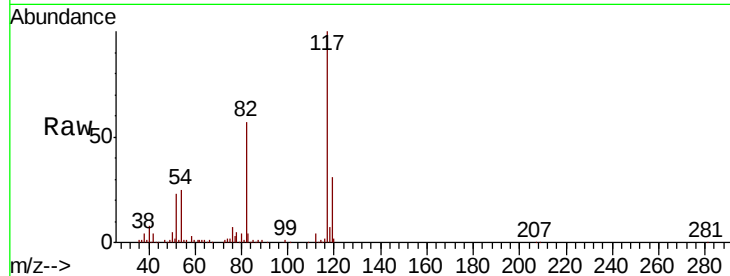
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.8	68.8
119	31.4	25.4	38.0

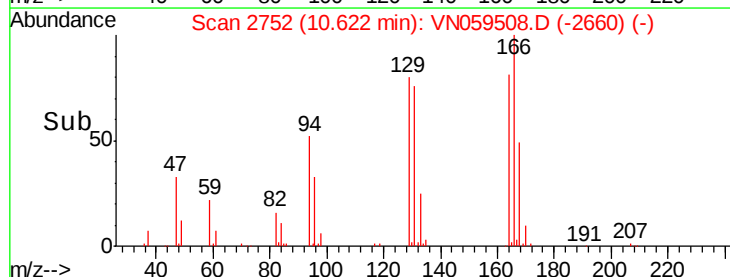
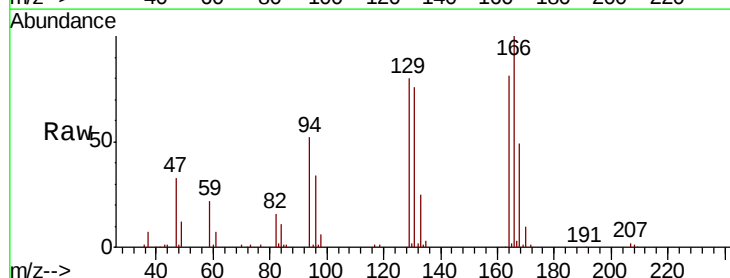
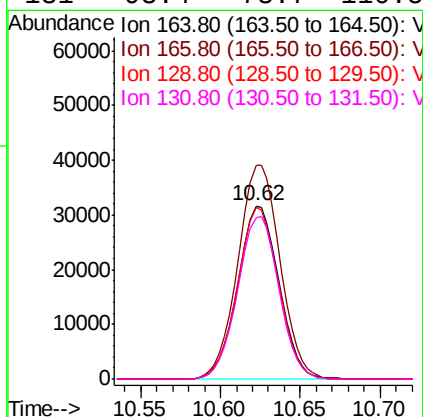
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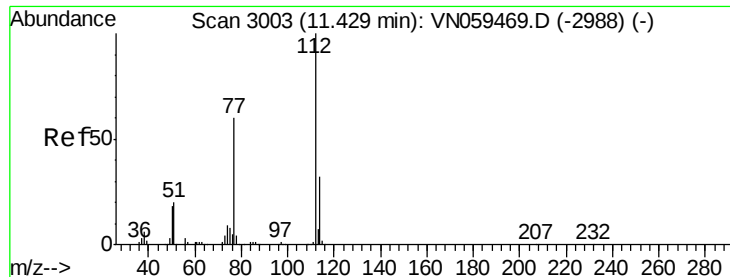
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#64
Tetrachloroethene
Concen: 19.509 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.0	101.2	151.8
129	98.7	76.1	114.1
131	93.4	73.7	110.5





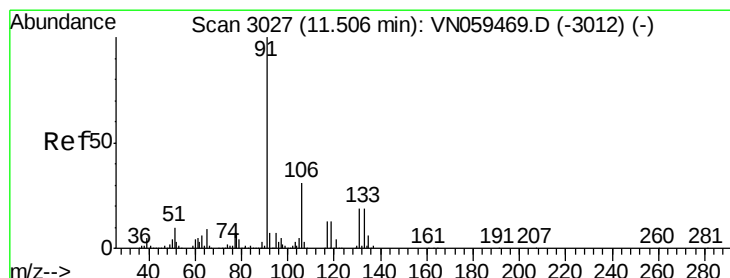
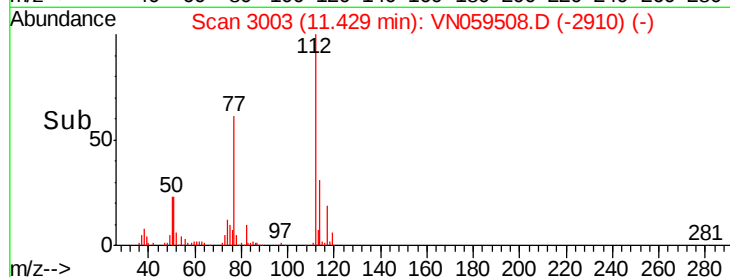
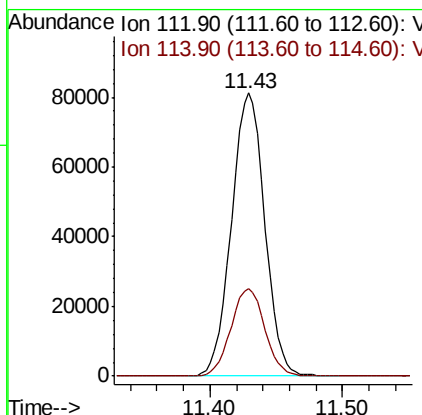
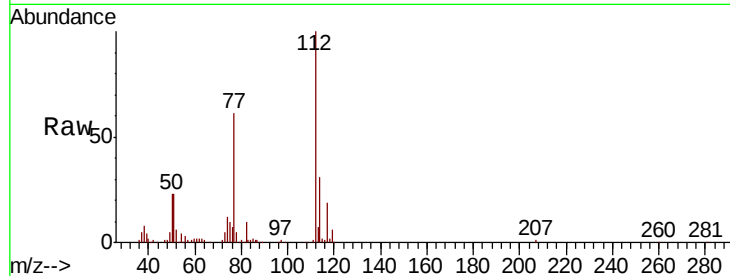
#65
Chlorobenzene
Concen: 19.327 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion:112 Resp: 141200
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5

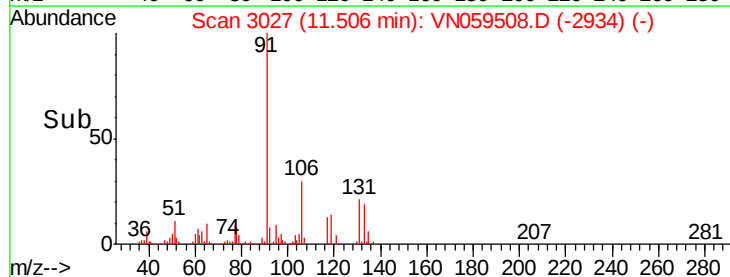
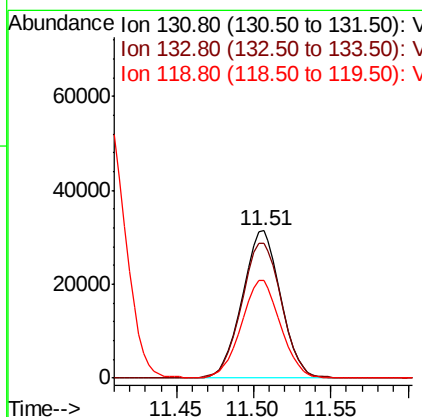
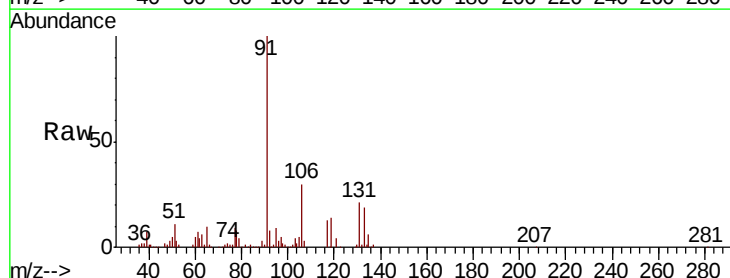
Manual Integrations
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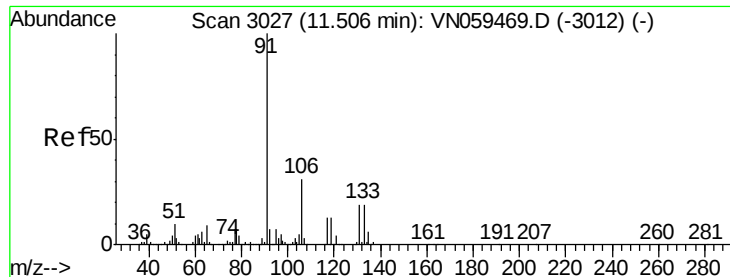
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.729 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion:131 Resp: 54416
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 67.3 33.9 101.6





#67

Ethyl Benzene

Concen: 19.956 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01

Tot Ion: 91 Resp: 255440

Ion Ratio Lower Upper

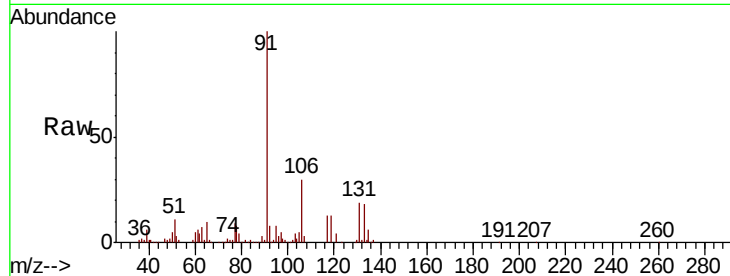
91 100

106 30.2 24.7 37.1

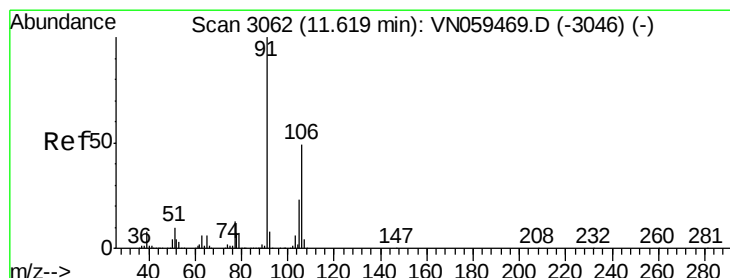
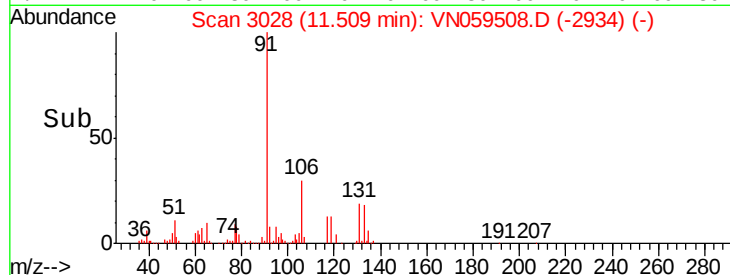
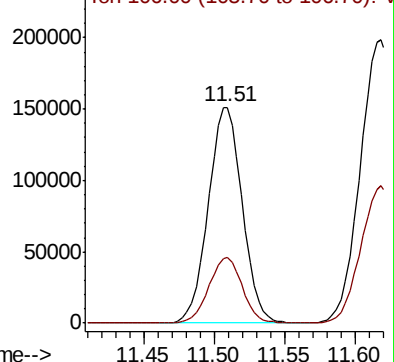
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN059469.D (-3012) (-)



#68

m/p-Xylenes

Concen: 39.204 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059508.D

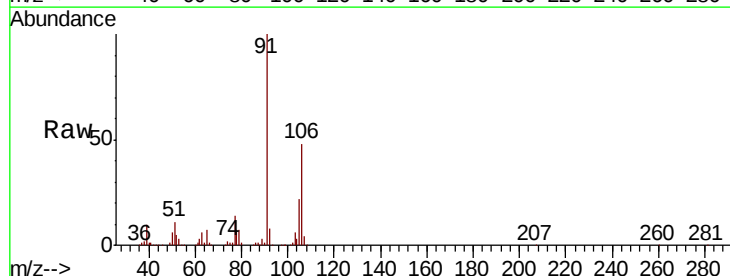
Acq: 6 Dec 2019 12:32

Tgt Ion: 106 Resp: 186853

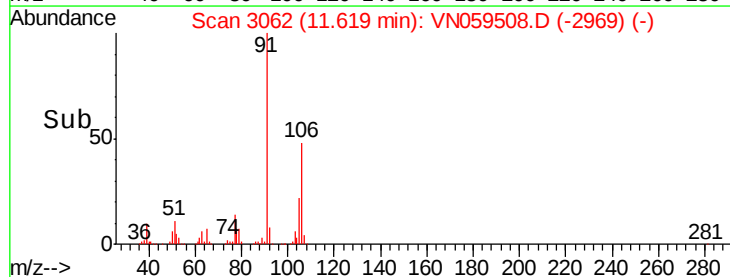
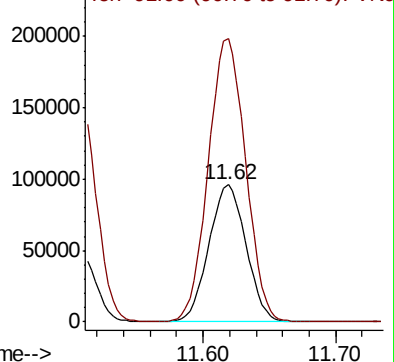
Ion Ratio Lower Upper

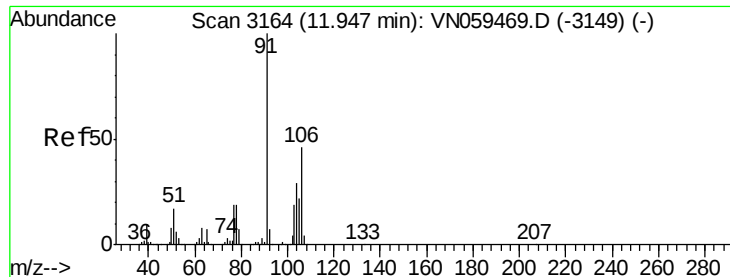
106 100

91 207.3 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): VN059469.D (-3046) (-)





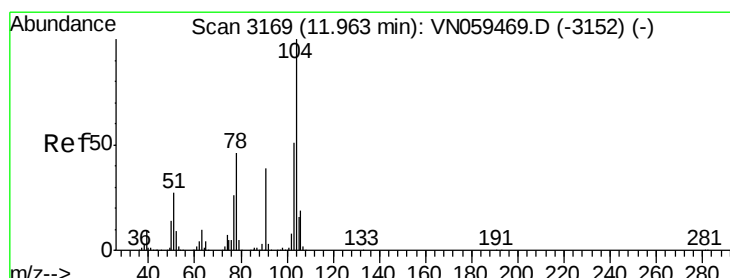
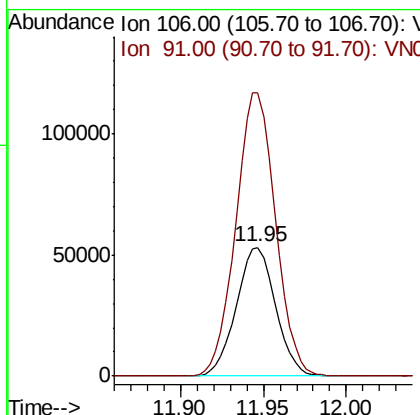
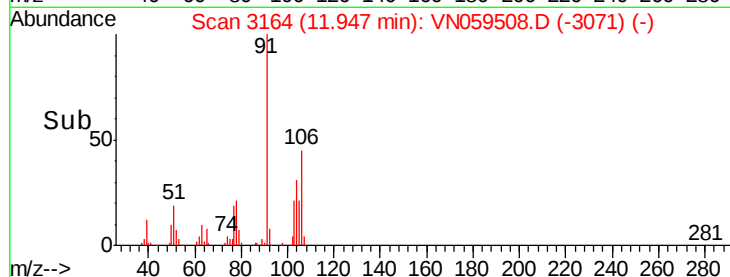
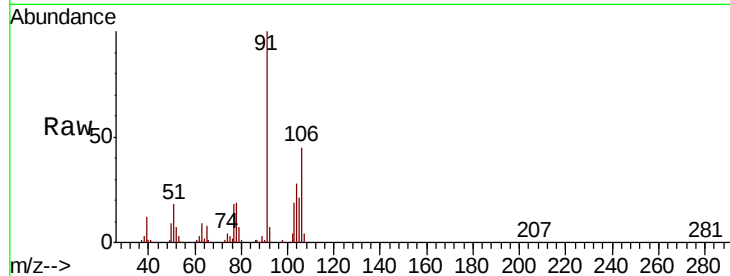
#69
o-Xylene
Concen: 19.287 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	222.5	108.5	325.3

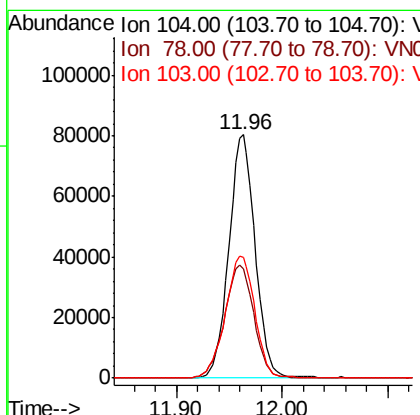
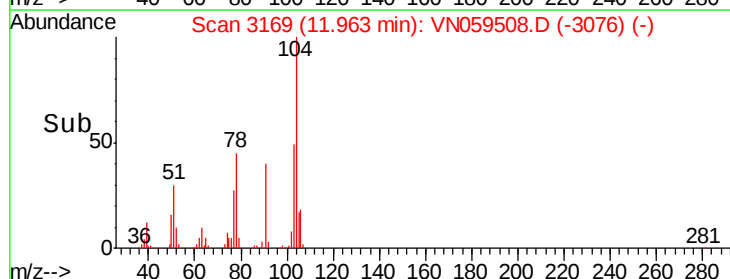
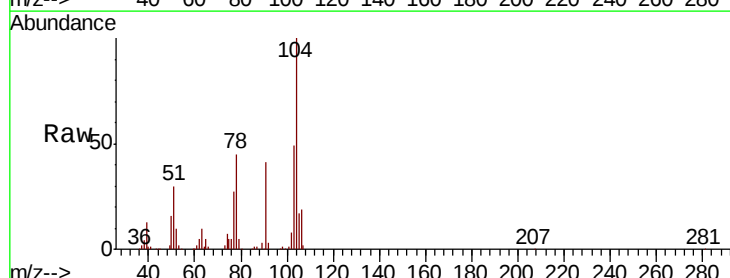
Manual Integrations
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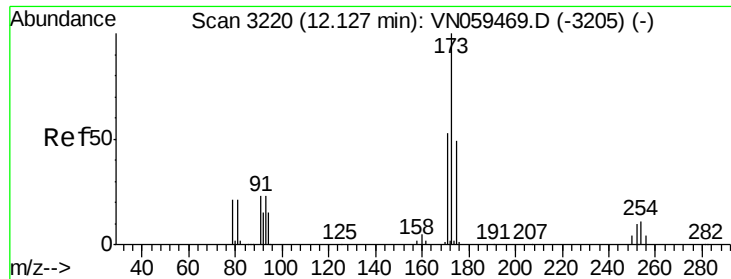
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#70
Styrene
Concen: 19.096 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.9	41.0	61.4
103	56.0	44.7	67.1





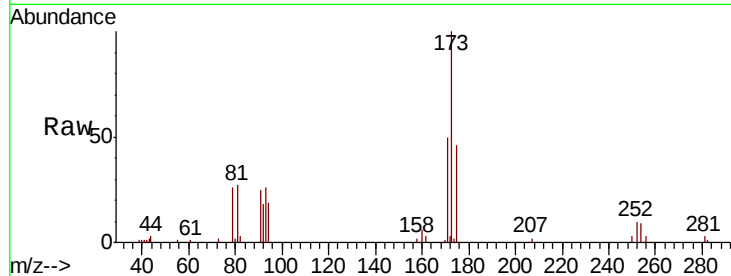
#71
Bromoform
Concen: 19.875 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	24.3	73.0
254	0.0	0.0	0.0

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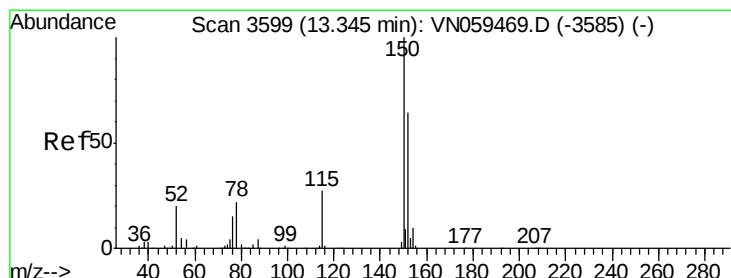
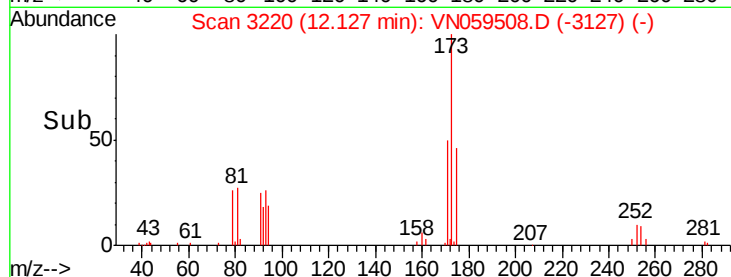
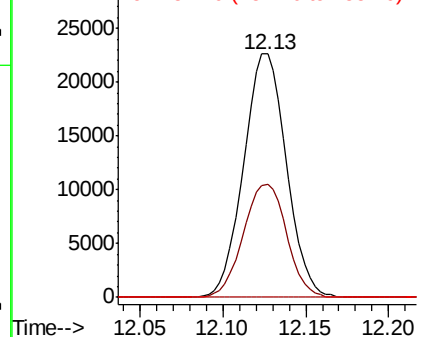


Abundance

Ion 172.70 (172.40 to 173.40): V

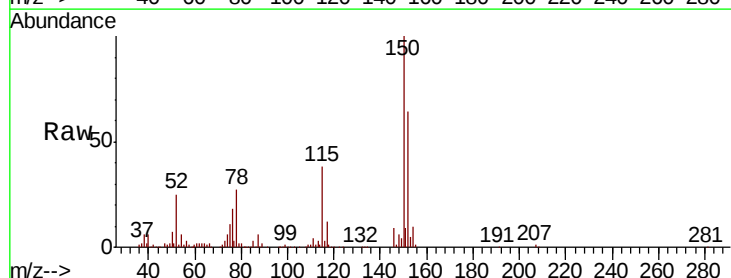
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.2	87.6
150	162.8	0.0	352.8

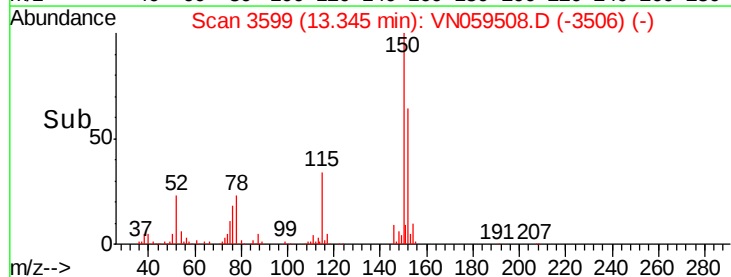
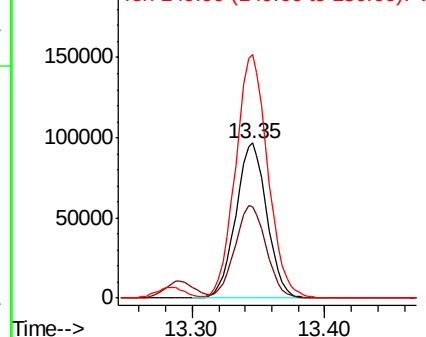


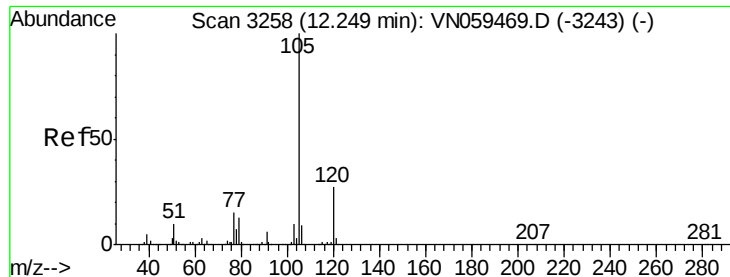
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.610 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

VN1206WBSD01

Tot Ion: 105 Resp: 246731

Ion Ratio Lower Upper

105 100

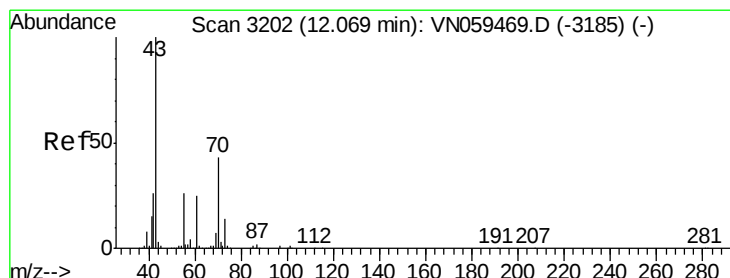
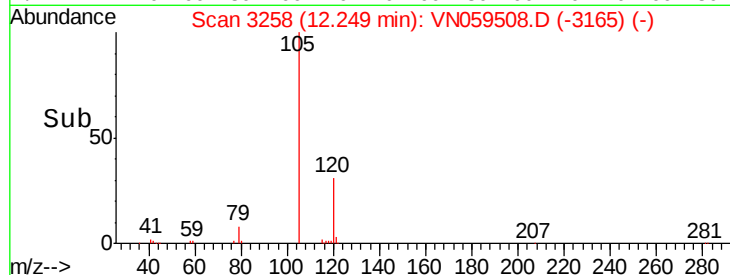
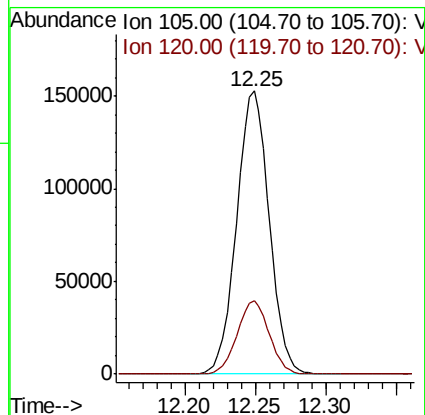
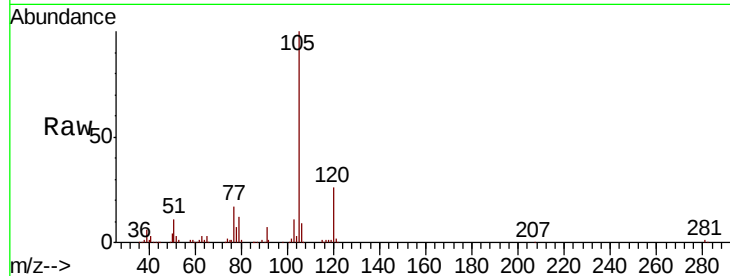
120 25.6 13.2 39.6

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#74

N-ethyl acetate

Concen: 19.396 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Tgt Ion: 43 Resp: 98300

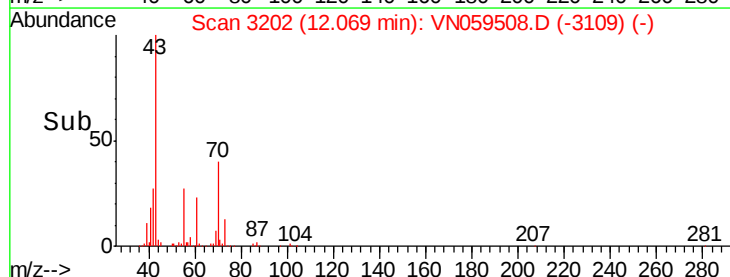
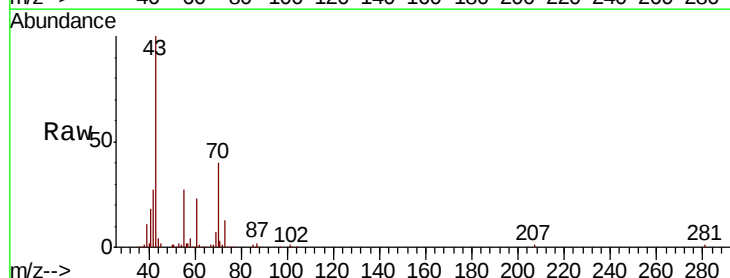
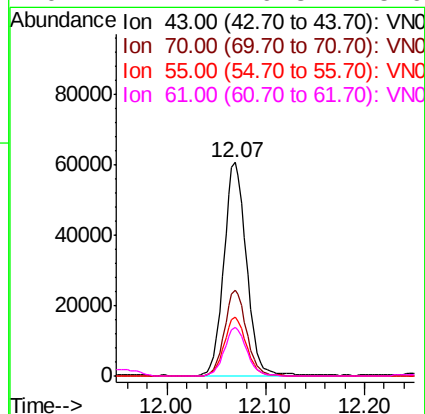
Ion Ratio Lower Upper

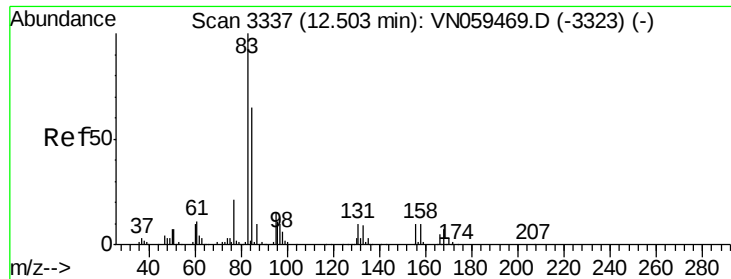
43 100

70 38.7 34.2 51.2

55 26.8 20.6 31.0

61 22.2 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.344 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

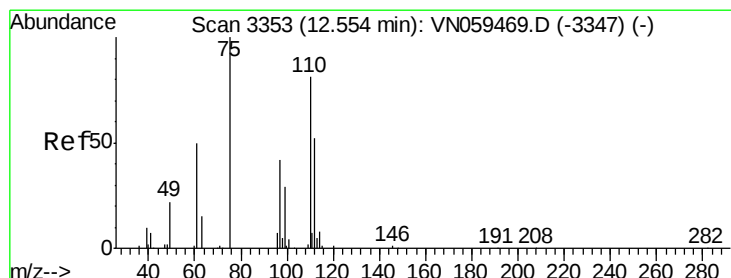
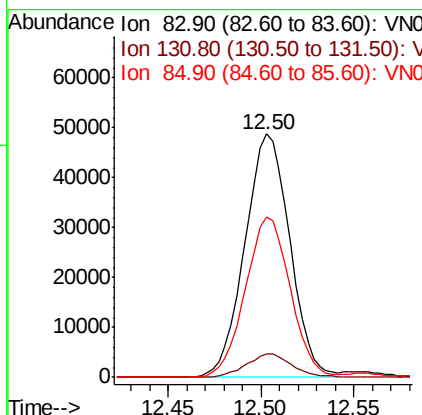
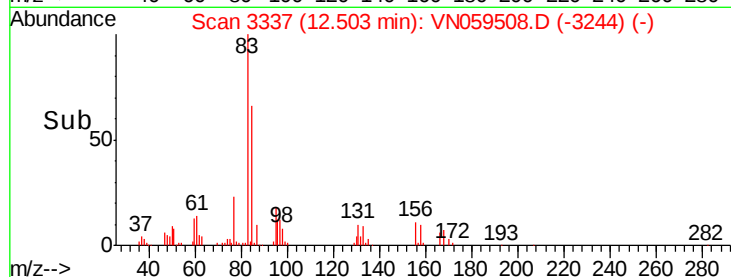
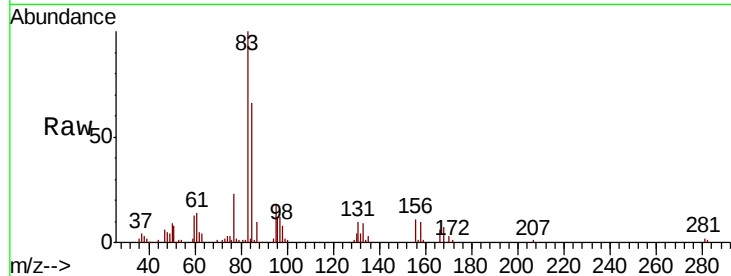
ClientSampleId :

VN1206WBSD01

Tot Ion:	83	Resp:	82108
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	65.7	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 18.808 ug/l m

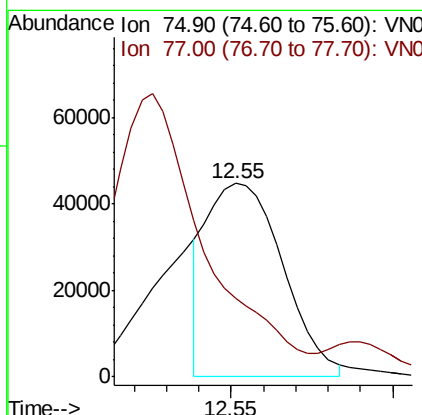
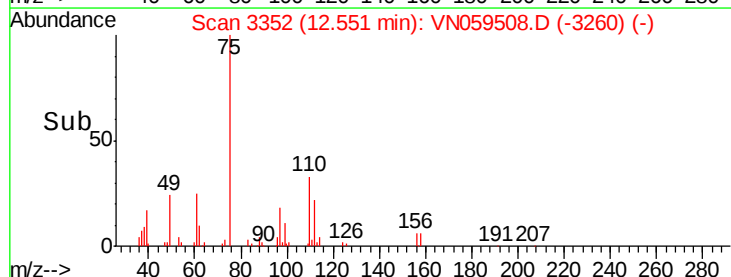
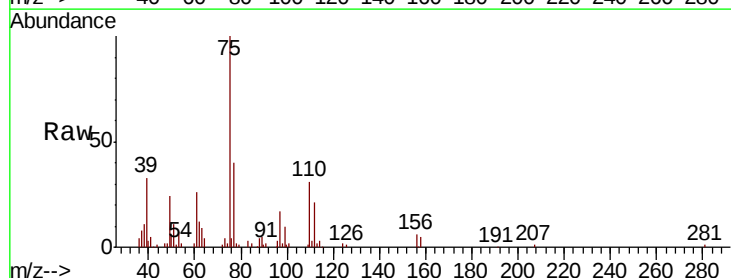
RT: 12.55 min Scan# 3352

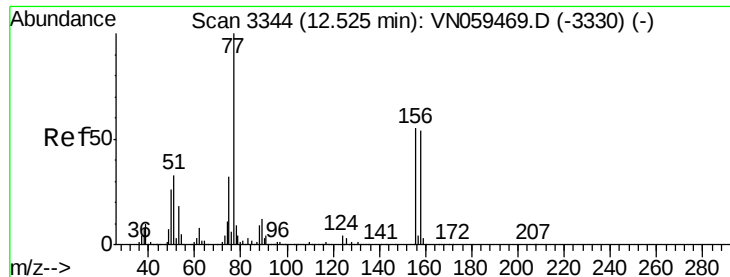
Delta R.T. -0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Tgt Ion:	75	Resp:	73369
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.884 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

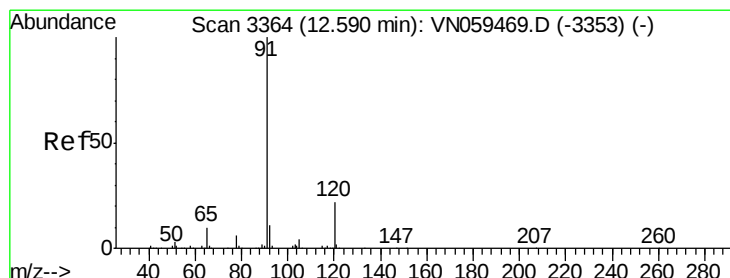
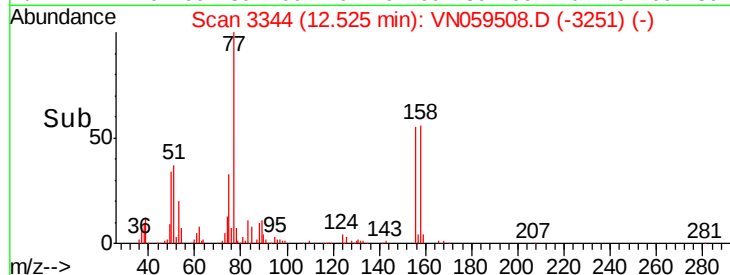
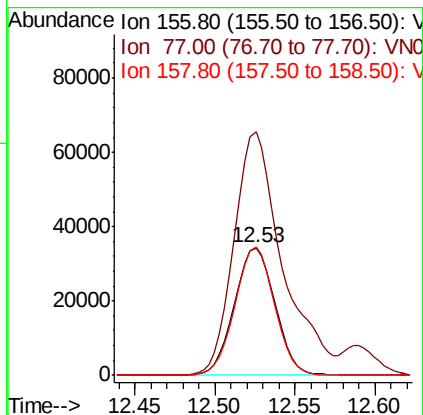
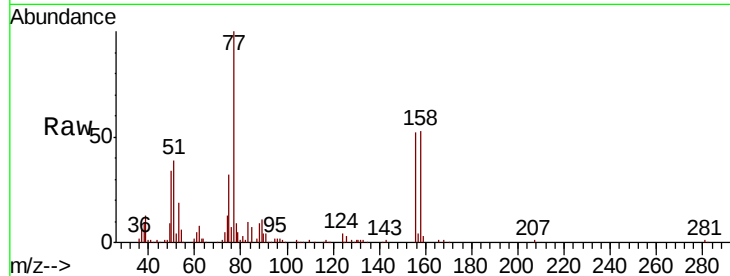
ClientSampleId :

VN1206WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	228.8	110.3	331.0	
158	97.7	48.5	145.5	

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#78

n-propylbenzene

Concen: 19.812 ug/l

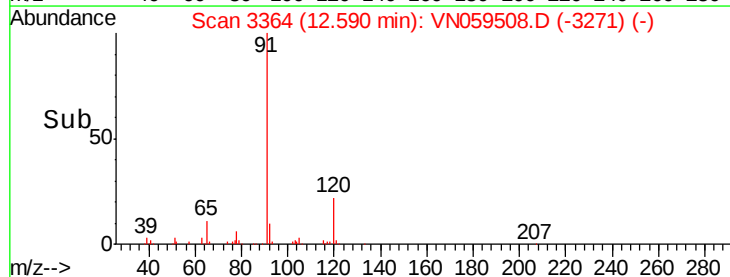
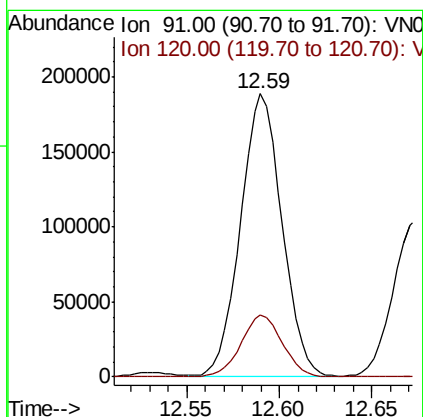
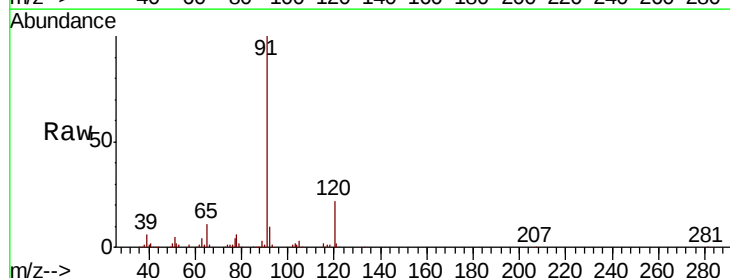
RT: 12.59 min Scan# 3364

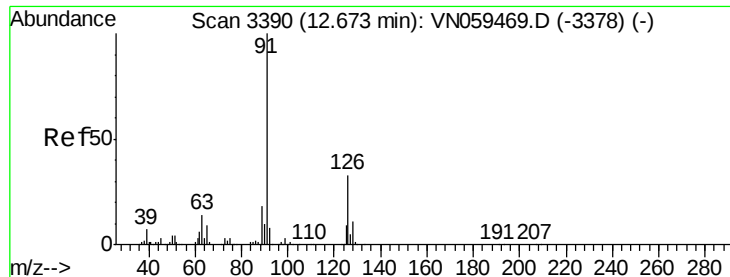
Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.1	11.3	33.9	





#79

2-Chlorotoluene

Concen: 19.473 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01

Tot Ion: 91 Resp: 171882

Ion Ratio Lower Upper

91 100

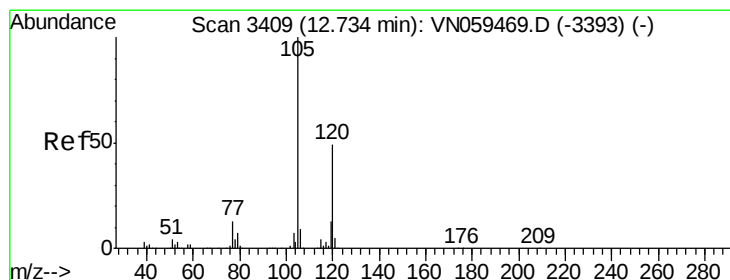
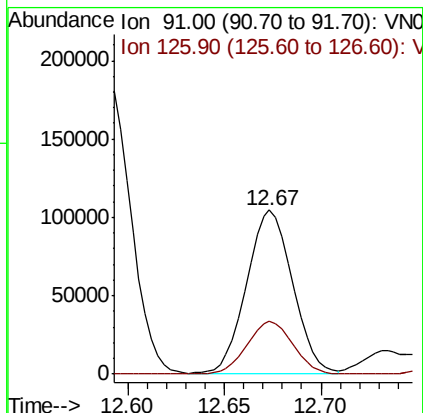
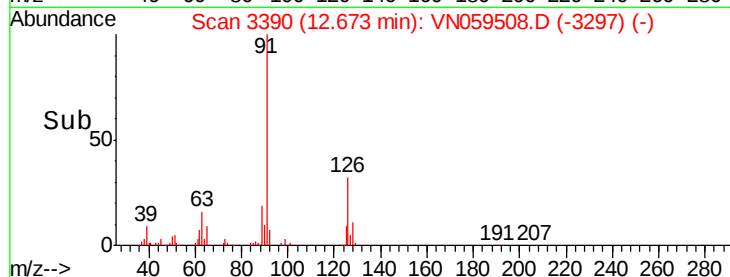
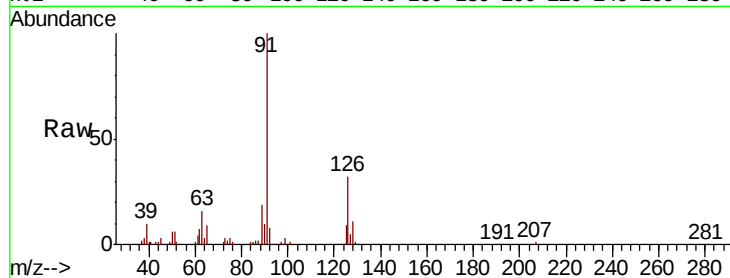
126 32.6 16.6 49.8

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#80

1,3,5-Trimethylbenzene

Concen: 19.795 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059508.D

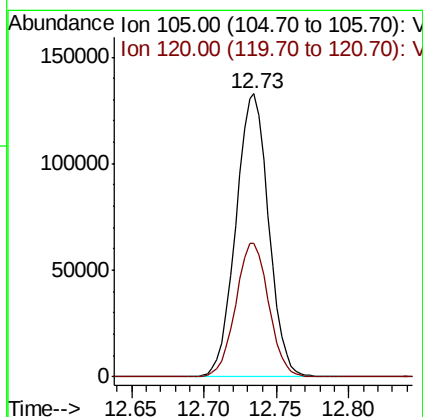
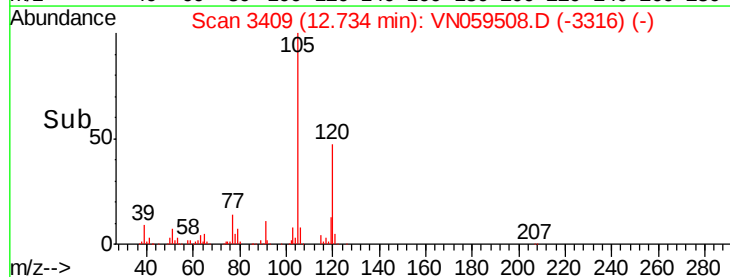
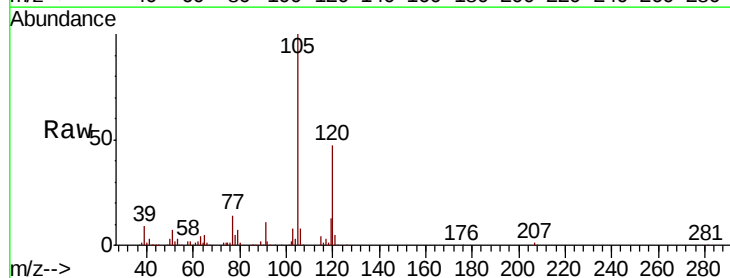
Acq: 6 Dec 2019 12:32

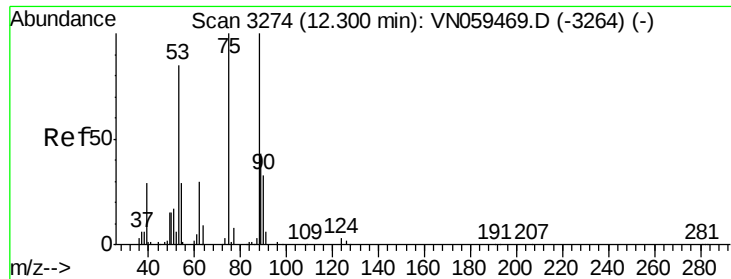
Tgt Ion: 105 Resp: 208143

Ion Ratio Lower Upper

105 100

120 47.5 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.498 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Instrument :

MSVOA_N

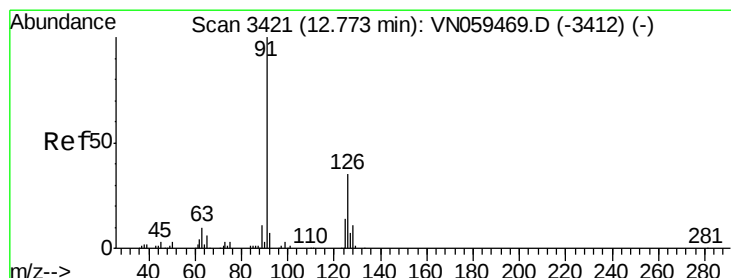
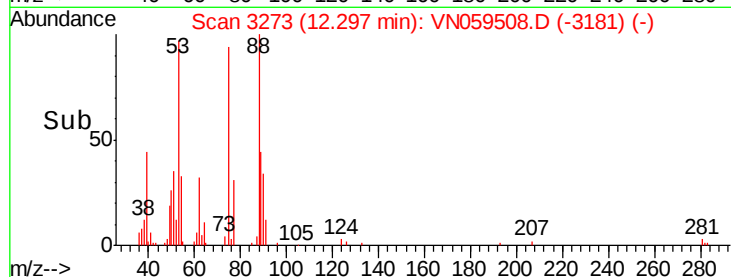
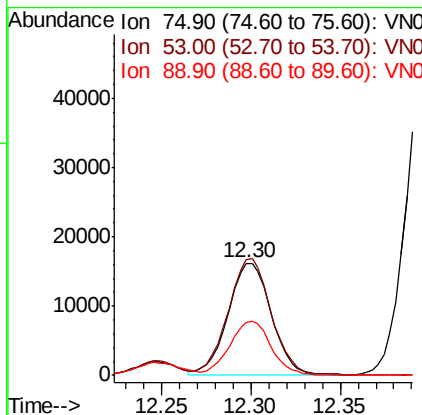
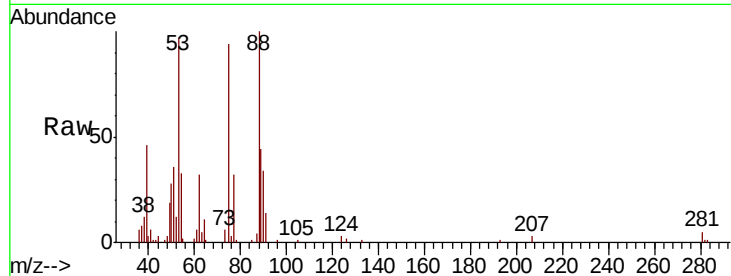
ClientSampleId :

VN1206WBSD01

Tot Ion:	75	Resp:	27496
Ion Ratio	Lower	Upper	
75	100		
53	103.4	69.8	104.6
89	46.1	35.2	52.8

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#82

4-Chlorotoluene

Concen: 19.412 ug/l

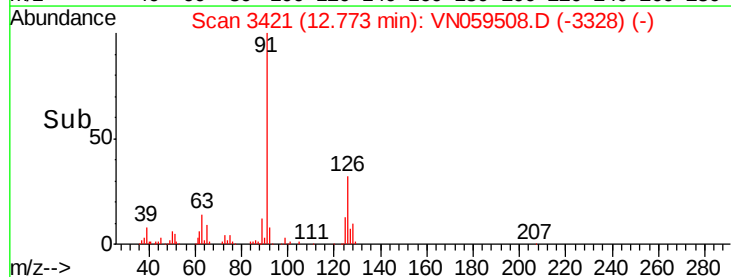
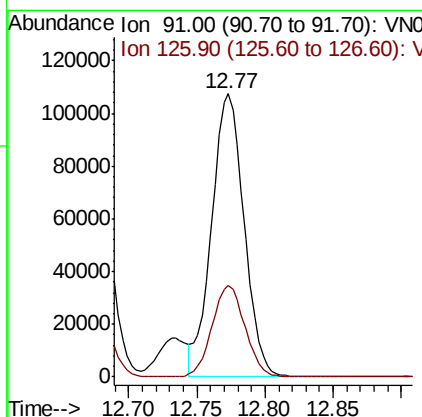
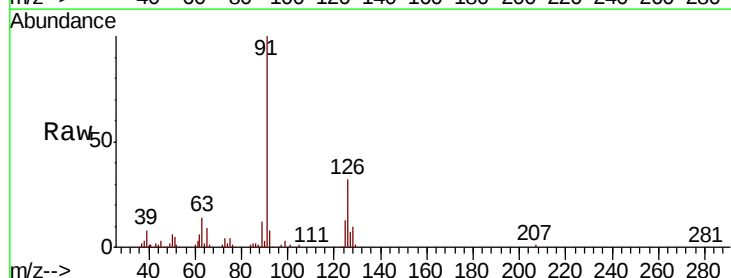
RT: 12.77 min Scan# 3421

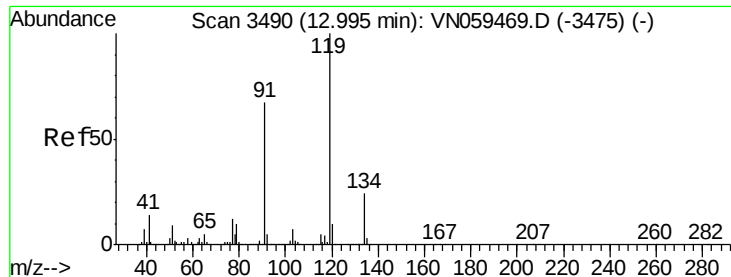
Delta R.T. 0.00 min

Lab File: VN059508.D

Acq: 6 Dec 2019 12:32

Tgt Ion:	91	Resp:	176775
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.4	49.2





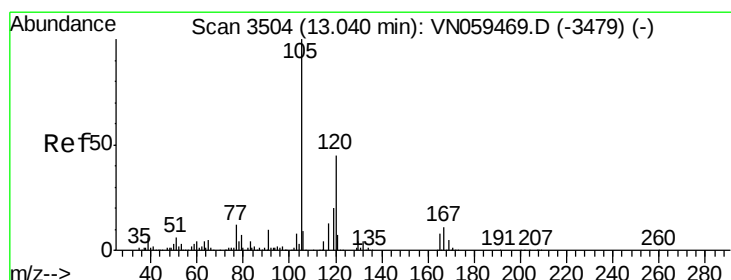
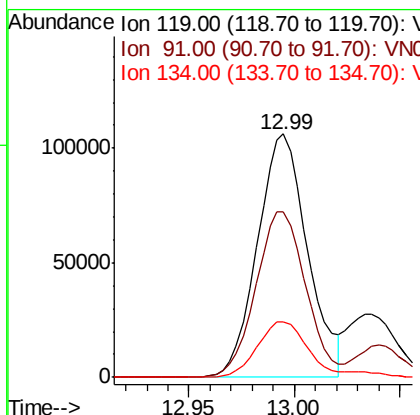
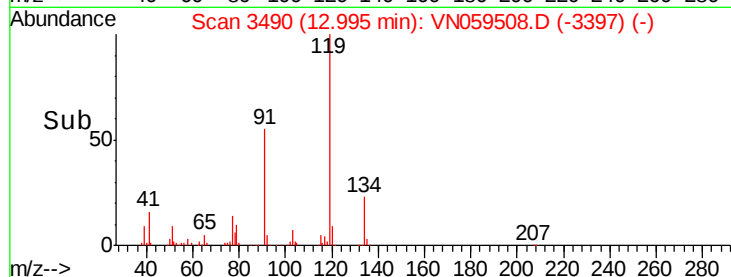
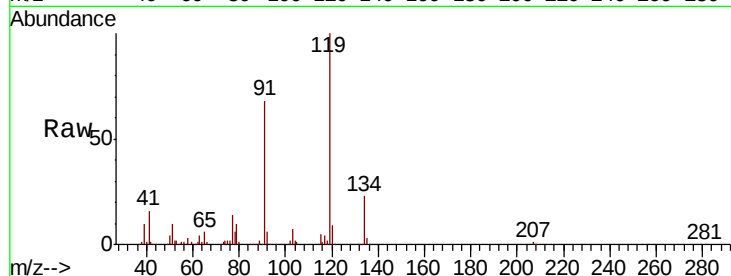
#83
 tert-Butylbenzene
 Concen: 19.237 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.6	32.6	97.7
134	24.4	12.6	37.6

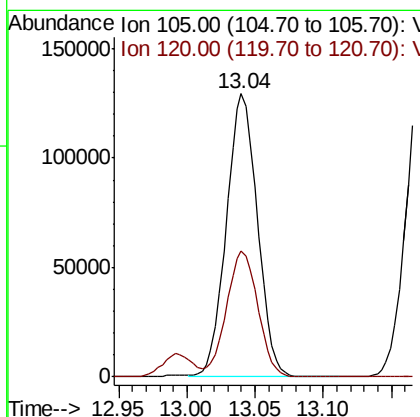
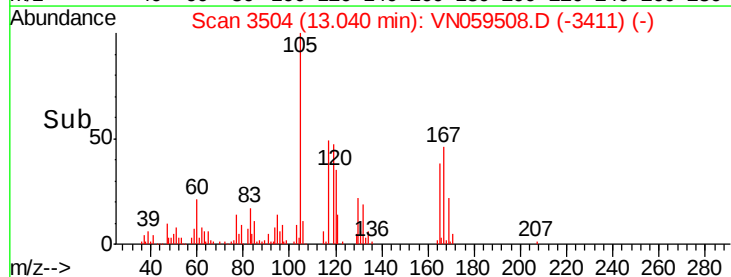
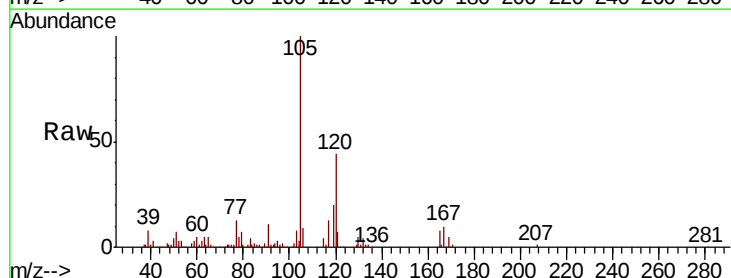
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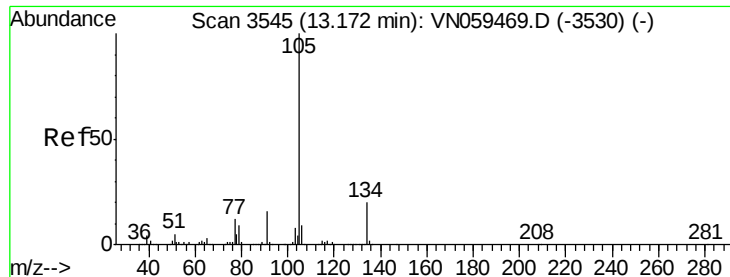
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.914 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.8





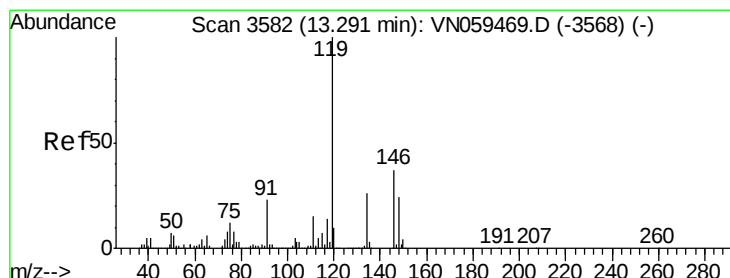
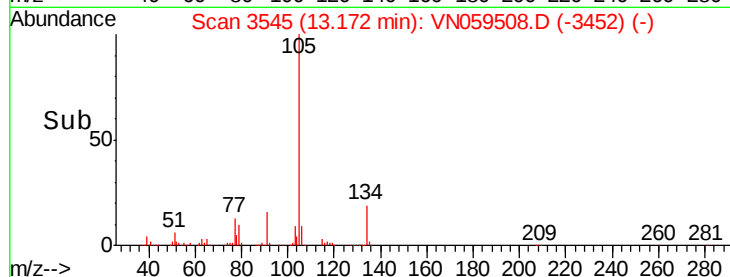
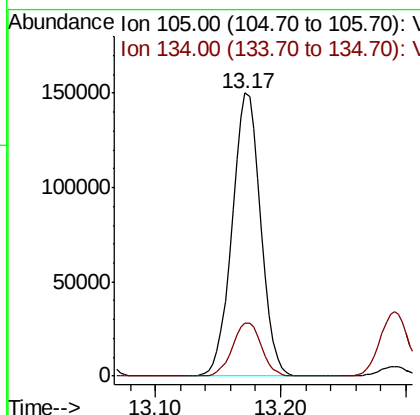
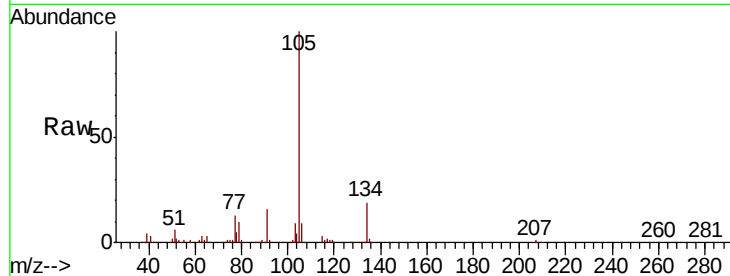
#85
 sec-Butylbenzene
 Concen: 19.518 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	236148		
134	19.2	9.8	29.5	

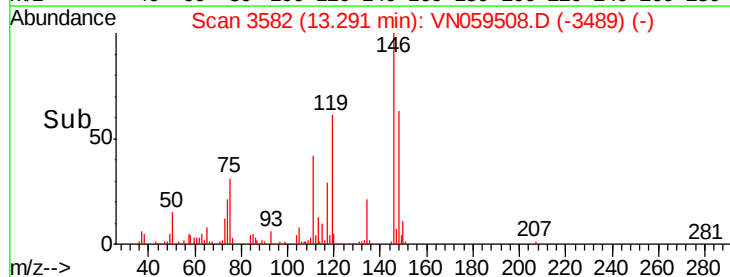
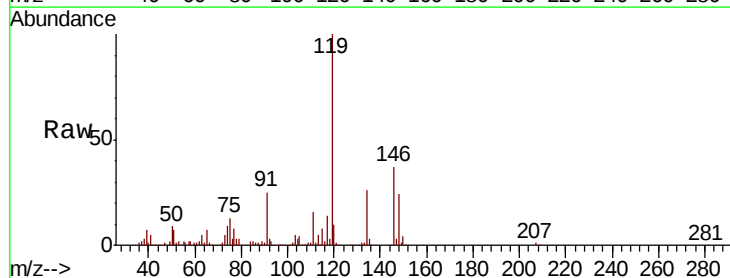
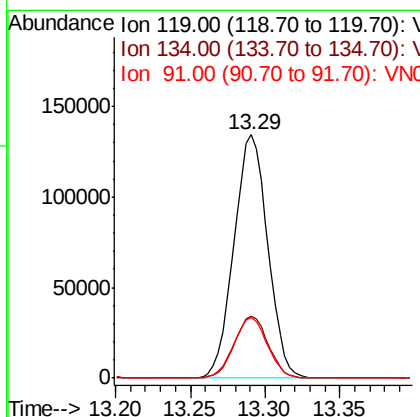
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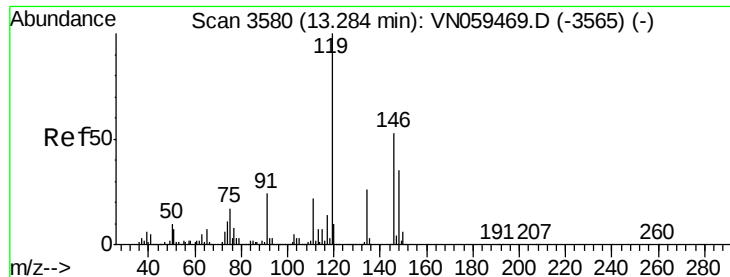
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#86
 p-Isopropyltoluene
 Concen: 19.402 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	210357		
134	25.7	13.1	39.3	
91	25.1	11.7	35.1	





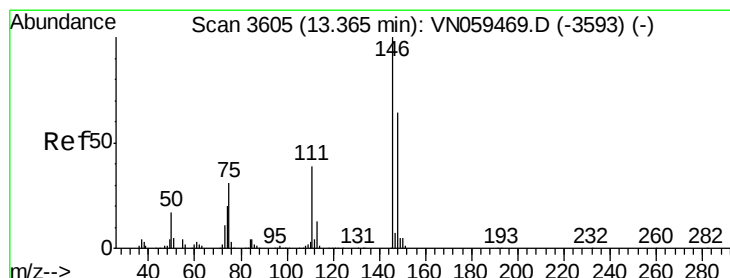
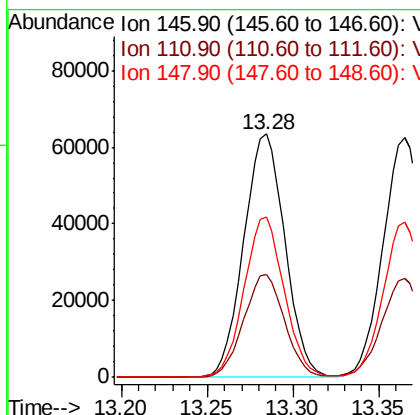
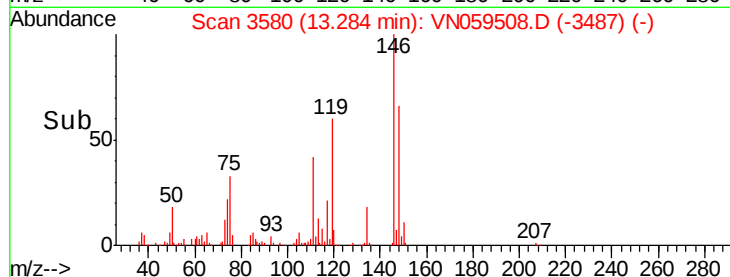
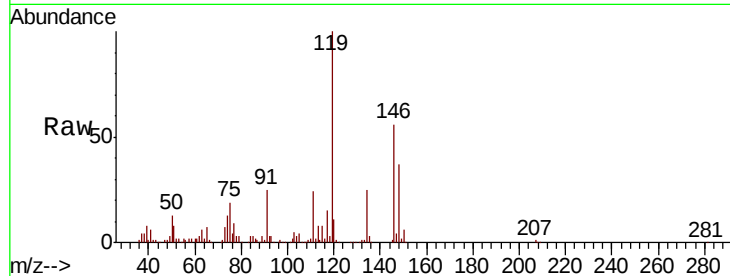
#87
 1,3-Dichlorobenzene
 Concen: 19.013 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.4	61.3
148	64.0	32.1	96.5

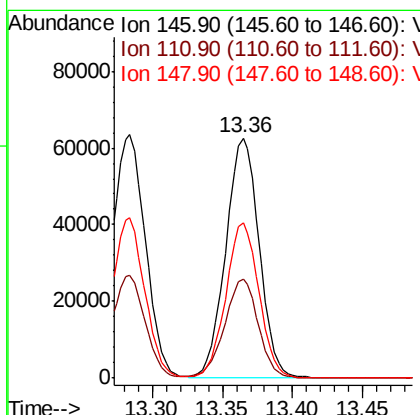
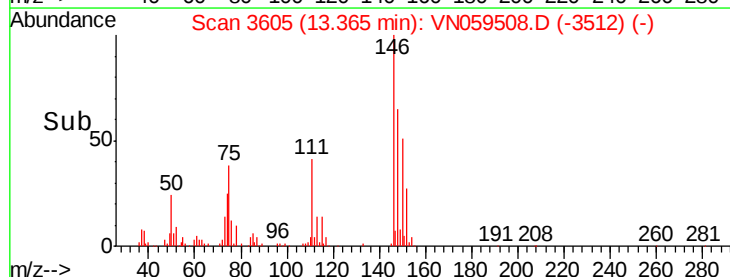
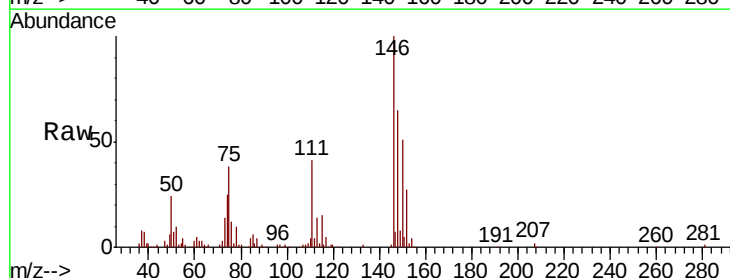
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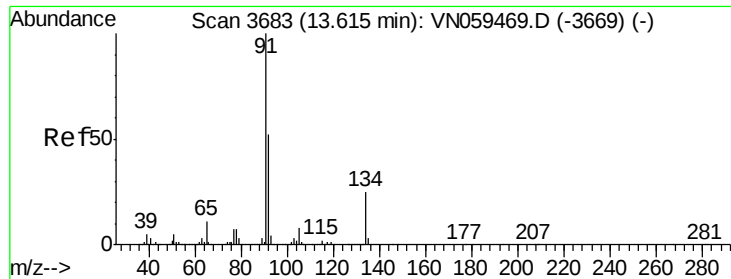
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#88
 1,4-Dichlorobenzene
 Concen: 18.571 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.8	59.3
148	63.5	32.0	96.0





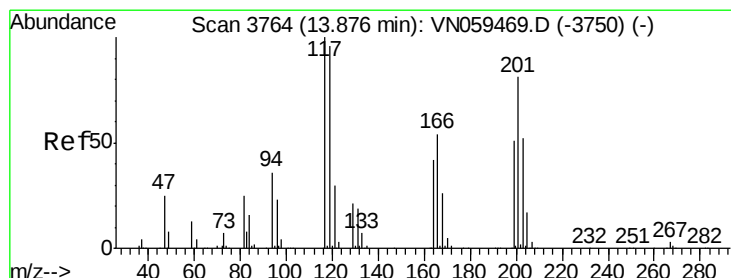
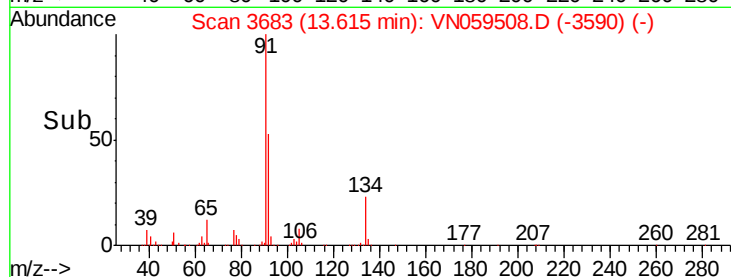
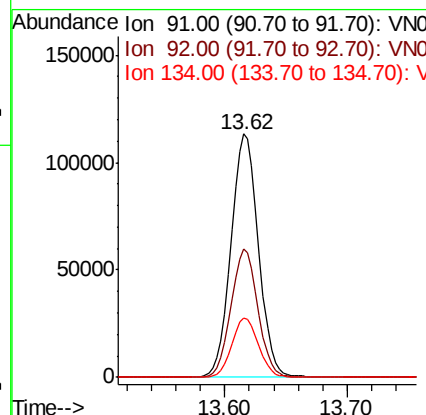
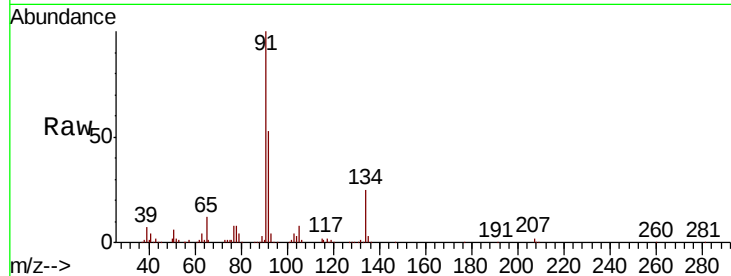
#89
n-Butylbenzene
Concen: 18.404 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.9	77.8
134	23.8	12.6	37.6

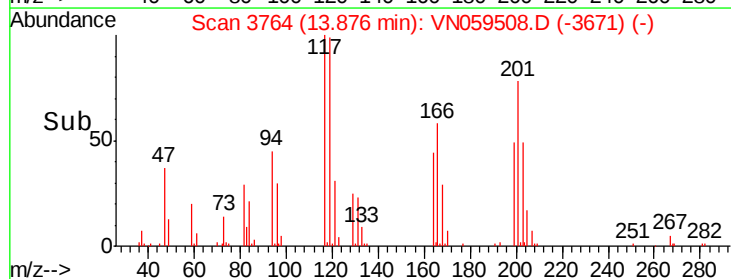
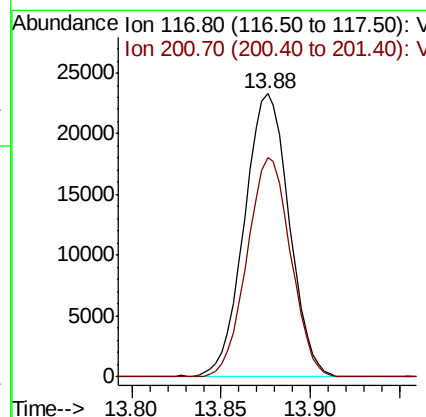
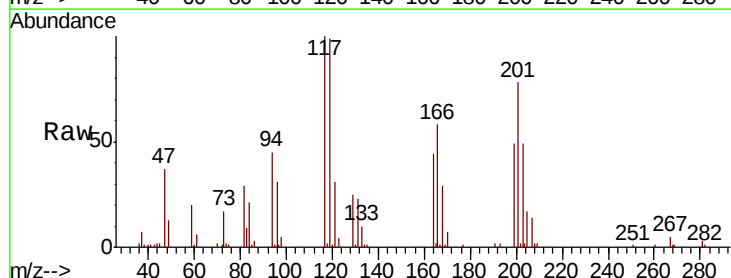
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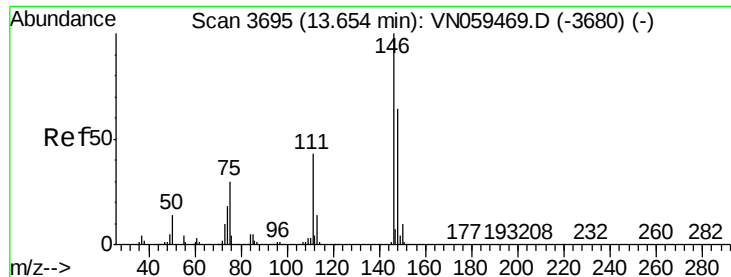
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#90
Hexachloroethane
Concen: 19.583 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.3	40.6	122.0





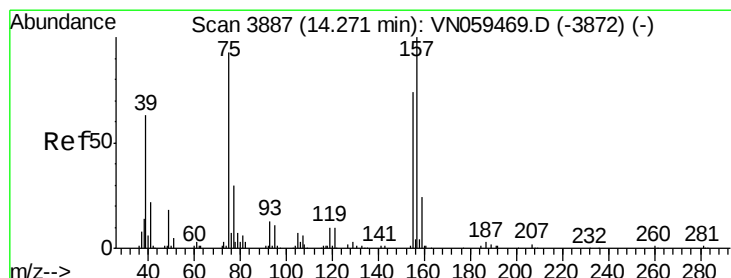
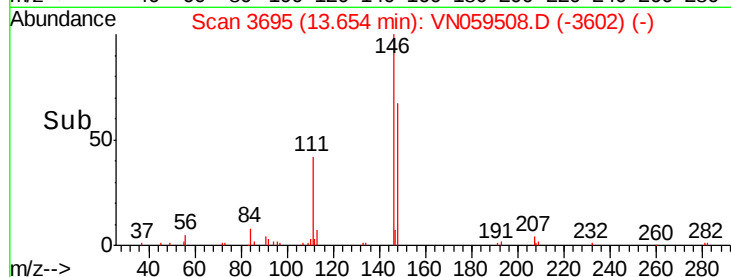
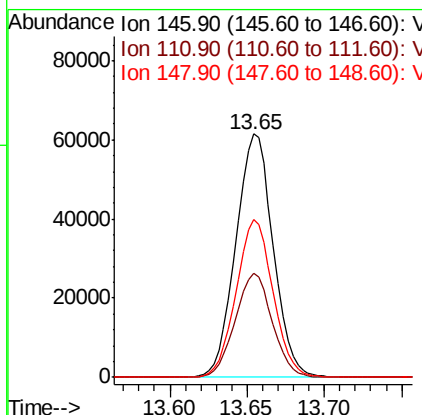
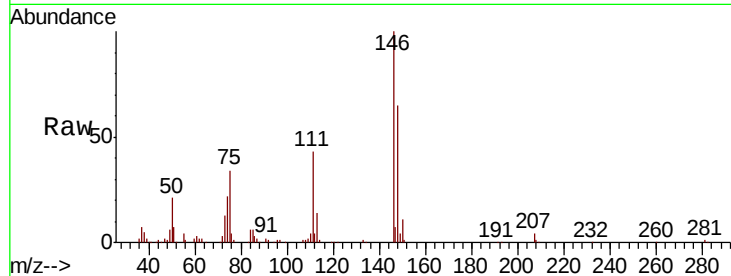
#91
 1,2-Dichlorobenzene
 Concen: 19.417 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	63.7
148	64.0	32.2	96.6

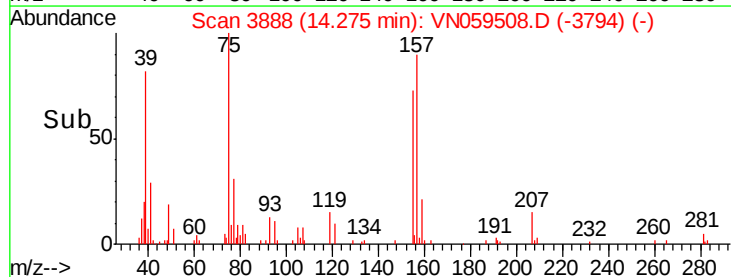
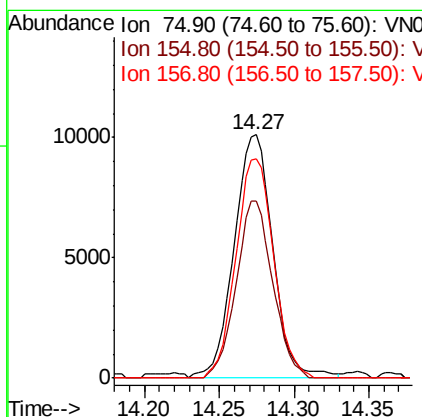
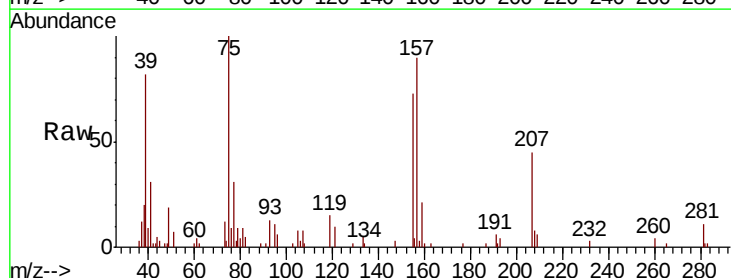
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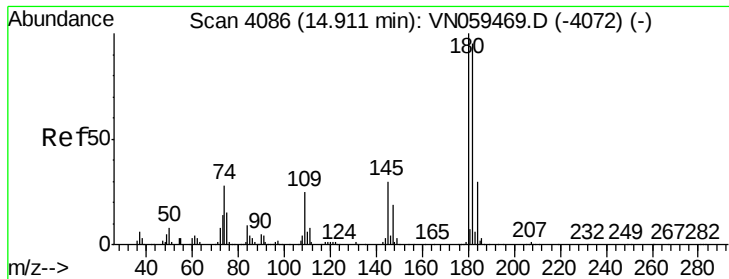
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.840 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.6	40.6	122.0
157	87.9	52.9	158.7





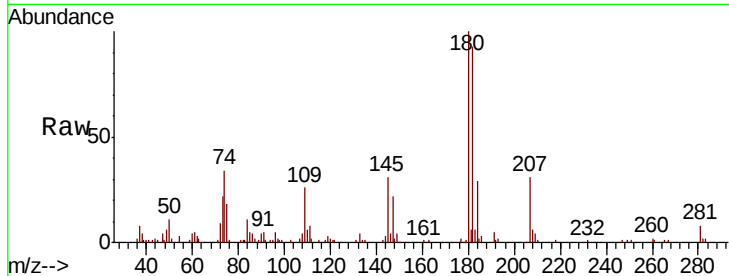
#93
 1,2,4-Trichlorobenzene
 Concen: 17.486 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

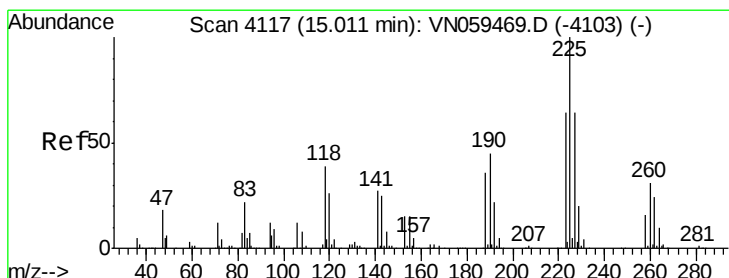
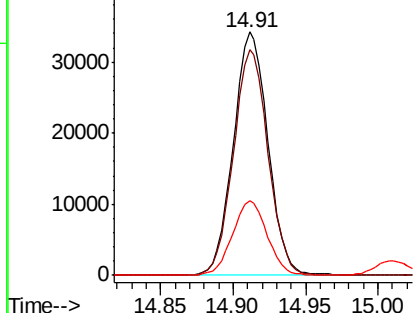
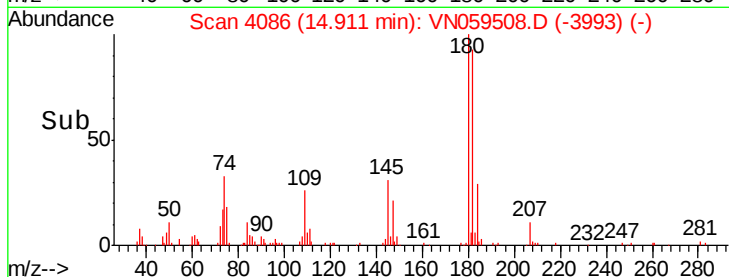
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	48.0	144.2
145	30.6	15.2	45.6

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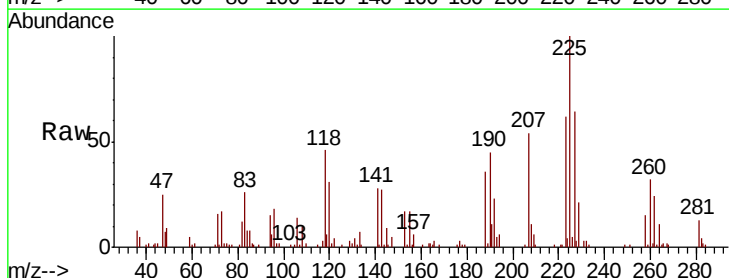


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

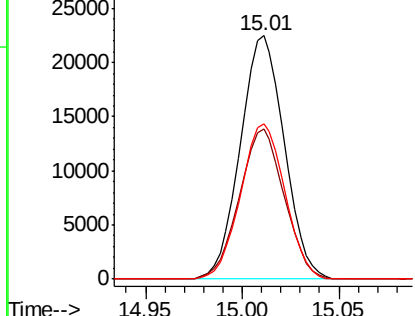
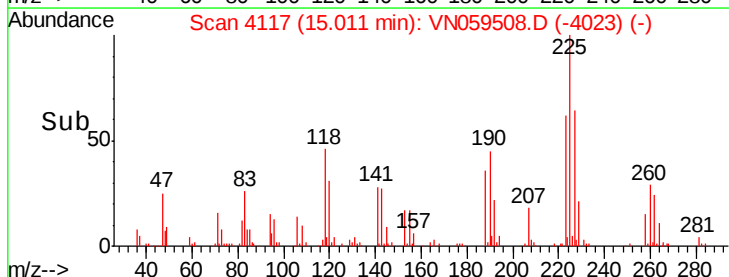


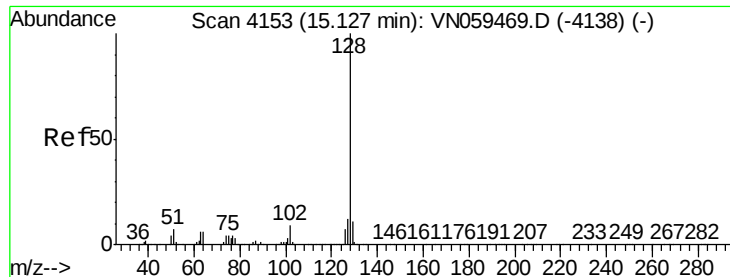
#94
 Hexachlorobutadiene
 Concen: 18.533 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059508.D
 Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.9	95.5
227	64.2	32.0	96.2



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





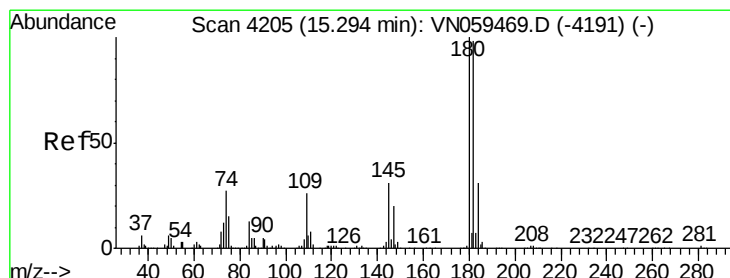
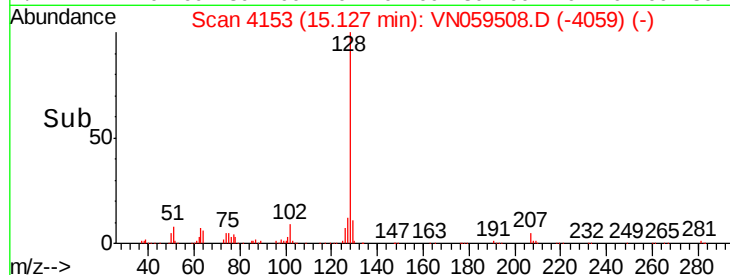
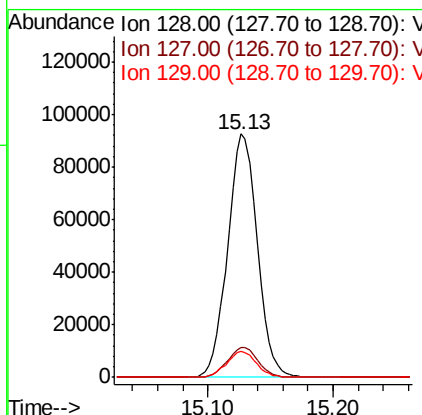
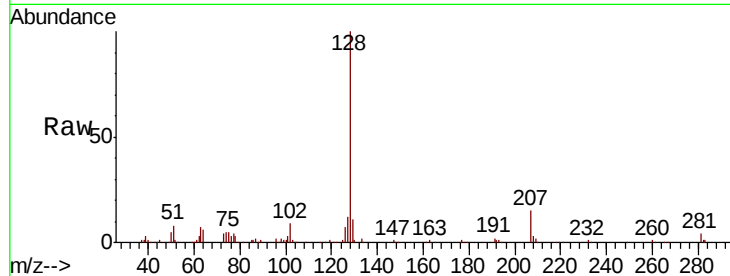
#95
Naphthalene
Concen: 18.609 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.7	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 19.205 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059508.D
Acq: 6 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.5	145.5
145	32.5	16.1	48.2

