

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059403.D
 Acq On : 26 Nov 2019 14:02
 Operator : JC/SP
 Sample : VN1126WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Manual Integrations
 APPROVED

apatel
 11/27/2019 10:47:23 AM

Quant Time: Nov 26 14:32:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	354610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	559974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	503185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228773	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	222887	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	7.57	113	181367	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
50) Toluene-d8	10.08	98	716667	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.40	95	253155	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	80209	17.668	ug/l	99
3) Chloromethane	2.04	50	99377	17.869	ug/l	100
4) Vinyl Chloride	2.17	62	107336	18.745	ug/l	98
5) Bromomethane	2.54	94	59254	18.639	ug/l	99
6) Chloroethane	2.68	64	55428	17.737	ug/l	99
7) Trichlorofluoromethane	3.00	101	113241	18.365	ug/l	99
8) Diethyl Ether	3.39	74	48298	19.160	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	71990	19.093	ug/l	99
10) Methyl Iodide	3.93	142	90514	19.316	ug/l	98
11) Tert butyl alcohol	4.75	59	73856	86.700	ug/l #	84
12) 1,1-Dichloroethene	3.71	96	69768	18.230	ug/l	98
13) Acrolein	3.58	56	47442	61.010	ug/l	98
14) Allyl chloride	4.30	41	128666	17.996	ug/l	99
15) Acrylonitrile	4.95	53	214974	95.446	ug/l	99
16) Acetone	3.79	43	211064	110.635	ug/l	97
17) Carbon Disulfide	4.03	76	209491	17.557	ug/l	99
18) Methyl Acetate	4.29	43	123826	19.558	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	237936	19.248	ug/l	100
20) Methylene Chloride	4.52	84	81469	18.935	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	75464	18.605	ug/l	98
22) Diisopropyl ether	5.92	45	255341	18.968	ug/l	96
23) Vinyl Acetate	5.87	43	992983	93.803	ug/l	100
24) 1,1-Dichloroethane	5.82	63	144934	19.128	ug/l	99
25) 2-Butanone	6.81	43	290685	97.988	ug/l	100
26) 2,2-Dichloropropane	6.80	77	121673	18.545	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	86368	18.872	ug/l	98
28) Bromochloromethane	7.17	49	63926	22.089	ug/l	95
29) Tetrahydrofuran	7.18	42	190641	92.939	ug/l	99
30) Chloroform	7.35	83	138535	18.755	ug/l	97
31) Cyclohexane	7.63	56	134497	17.953	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	118892	18.819	ug/l	99
36) 1,1-Dichloropropene	7.77	75	106746	18.465	ug/l	99
37) Ethyl Acetate	6.90	43	114912	18.496	ug/l	99
38) Carbon Tetrachloride	7.75	117	103742	18.746	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	124935	17.922	ug/l	99
40) Benzene	8.02	78	323337	19.057	ug/l	100
41) Methacrylonitrile	7.16	41	58216m	21.108	ug/l	
42) 1,2-Dichloroethane	8.10	62	104518	18.626	ug/l	98
43) Isopropyl Acetate	8.15	43	178201	18.768	ug/l	99
44) Trichloroethene	8.82	130	83963	19.526	ug/l	99
45) 1,2-Dichloropropane	9.10	63	86324	19.080	ug/l	96
46) Dibromomethane	9.19	93	52483	18.912	ug/l	98
47) Bromodichloromethane	9.39	83	106214	19.111	ug/l	99
48) Methyl methacrylate	9.18	41	78053	18.077	ug/l	97
49) 1,4-Dioxane	9.19	88	22272	343.208	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	559680	100.704	ug/l	100
52) Toluene	10.15	92	196323	19.244	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	123409	19.101	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	132699	18.928	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	78158	19.704	ug/l	96
56) Ethyl methacrylate	10.42	69	116327	18.795	ug/l	97
57) 1,3-Dichloropropane	10.70	76	134834	19.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	189496	92.824	ug/l	100
59) 2-Hexanone	10.74	43	404397	99.371	ug/l	98
60) Dibromochloromethane	10.90	129	80799	19.330	ug/l	100
61) 1,2-Dibromoethane	11.00	107	78482	19.015	ug/l	99
64) Tetrachloroethene	10.63	164	73974	19.008	ug/l	97
65) Chlorobenzene	11.43	112	205899	19.030	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	76186	19.383	ug/l	100
67) Ethyl Benzene	11.51	91	368343	19.067	ug/l	99
68) m/p-Xylenes	11.62	106	275745	38.414	ug/l	100
69) o-Xylene	11.95	106	132683	19.307	ug/l	98
70) Styrene	11.96	104	206307	19.026	ug/l	99
71) Bromoform	12.13	173	57649	19.366	ug/l #	100
73) Isopropylbenzene	12.25	105	353920	18.885	ug/l	99
74) N-amyl acetate	12.07	43	135611	18.005	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	116749	18.832	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	111629m	21.121	ug/l	
77) Bromobenzene	12.53	156	85791	18.873	ug/l	98
78) n-propylbenzene	12.59	91	406359	19.142	ug/l	100
79) 2-Chlorotoluene	12.67	91	241926	18.567	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	299595	19.017	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	40386	19.112	ug/l	98
82) 4-Chlorotoluene	12.77	91	245560	18.211	ug/l	99
83) tert-Butylbenzene	12.99	119	260360	19.568	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	292487	18.953	ug/l	100
85) sec-Butylbenzene	13.17	105	342694	19.163	ug/l	100
86) p-Isopropyltoluene	13.29	119	305584	19.203	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	148015	18.285	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	147212	18.380	ug/l	99
89) n-Butylbenzene	13.62	91	253248	18.141	ug/l	100
90) Hexachloroethane	13.88	117	56311	18.685	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	146769	18.740	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23519	17.844	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	78306	18.069	ug/l	100
94) Hexachlorobutadiene	15.01	225	52713	18.681	ug/l	98
95) Naphthalene	15.13	128	198799	16.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	77412	17.477	ug/l	99

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

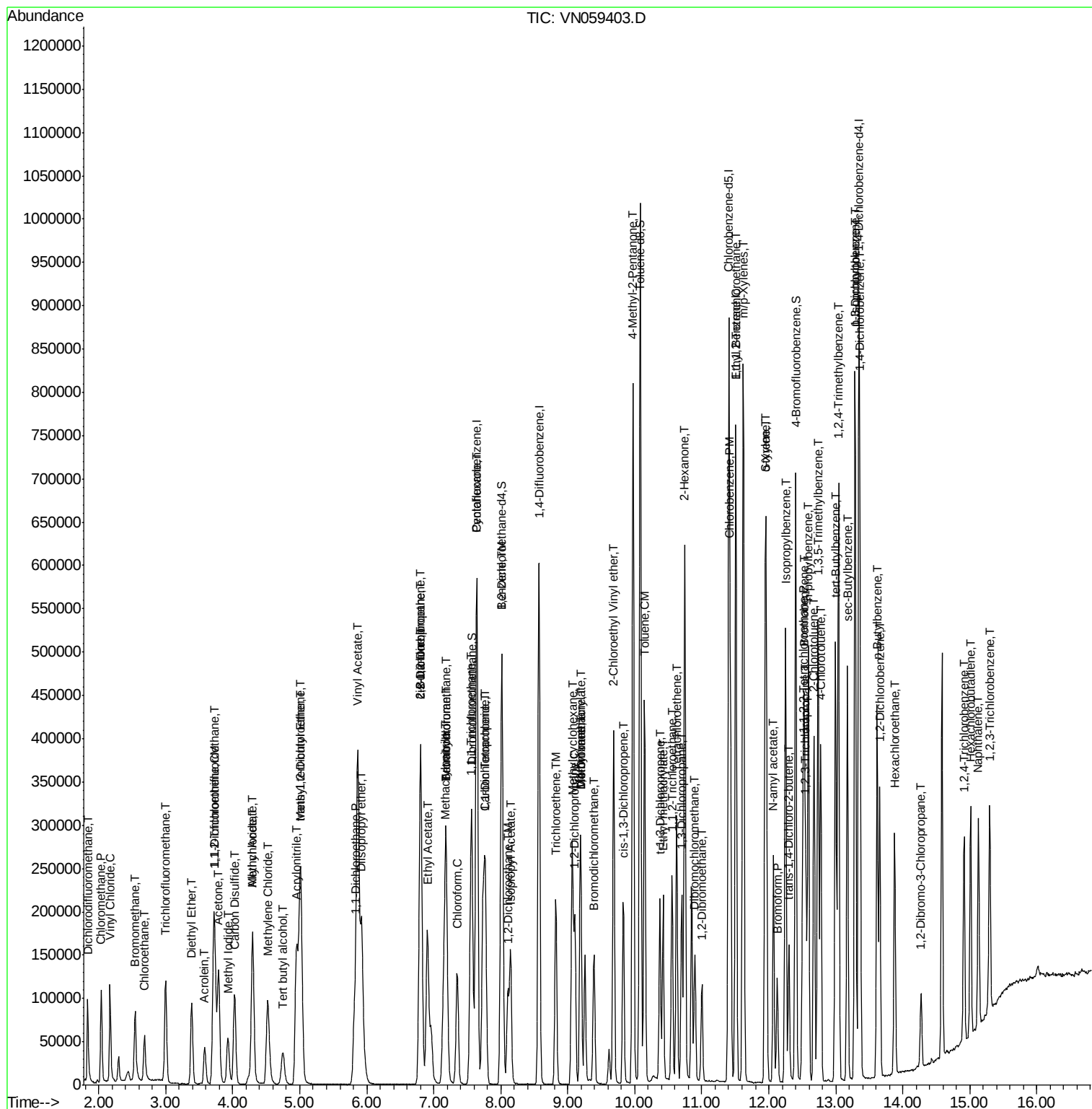
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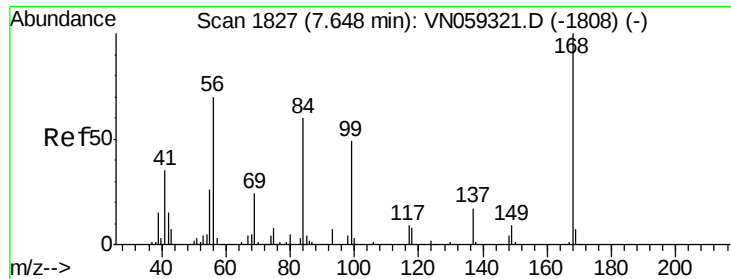
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tot Ion:168 Resp: 354610

Ion Ratio Lower Upper

168 100

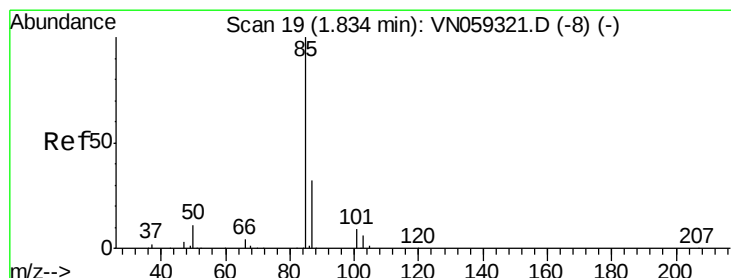
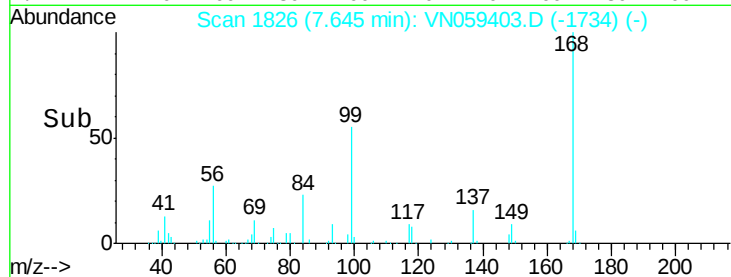
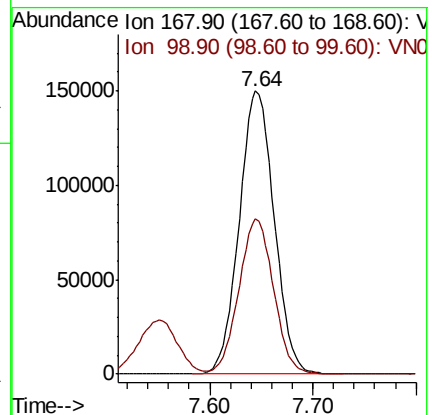
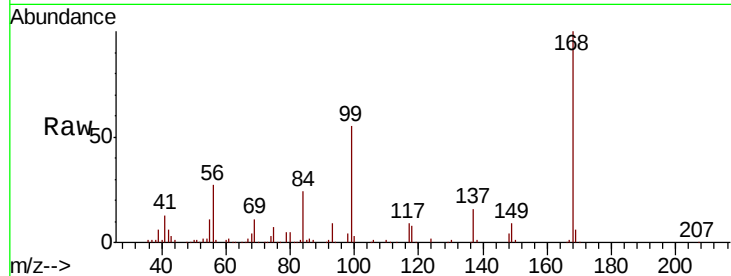
99 54.6 44.6 66.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.668 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059403.D

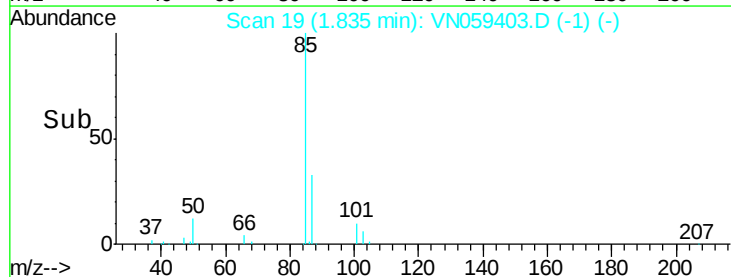
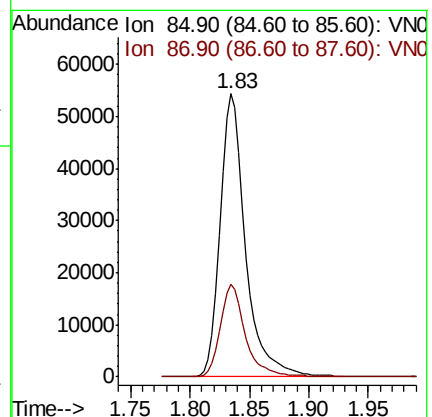
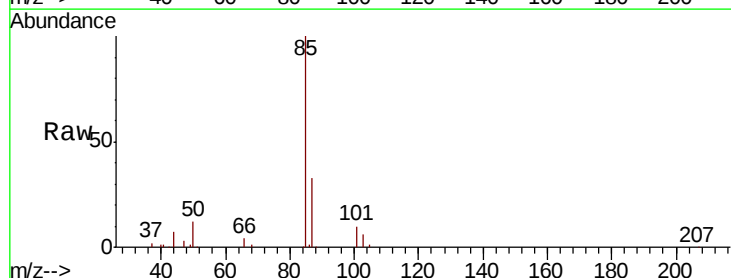
Acq: 26 Nov 2019 14:02

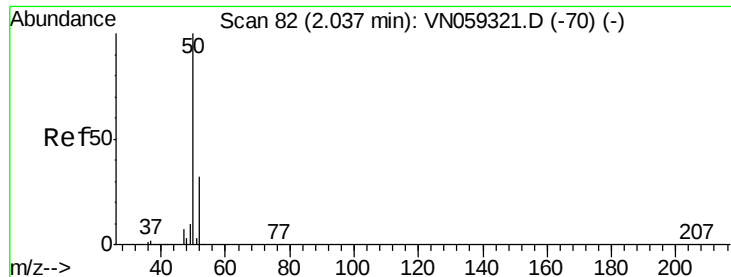
Tgt Ion: 85 Resp: 80209

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0





#3

Chloromethane

Concen: 17.869 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tot Ion: 50 Resp: 99377

Ion Ratio Lower Upper

50 100

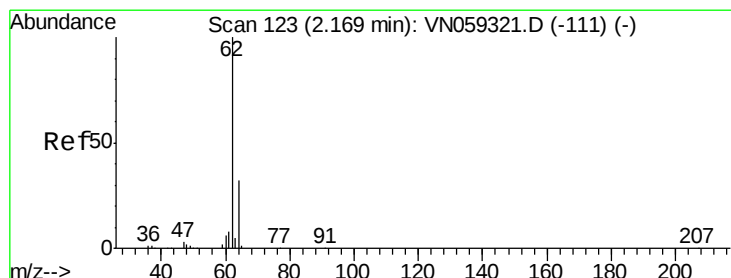
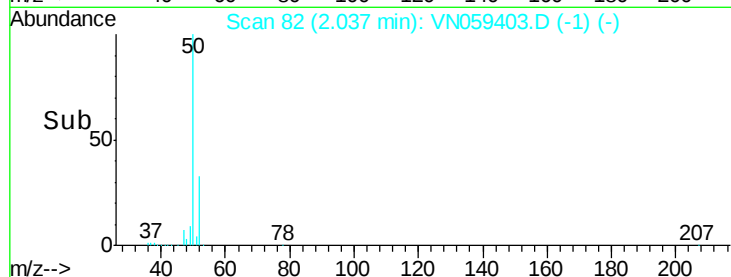
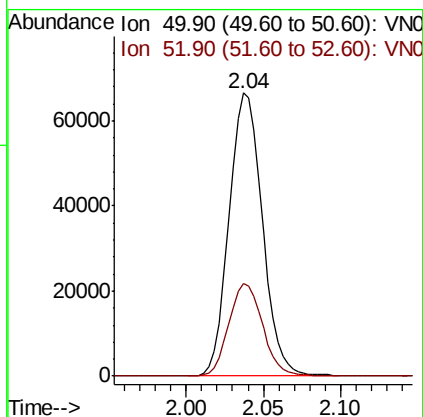
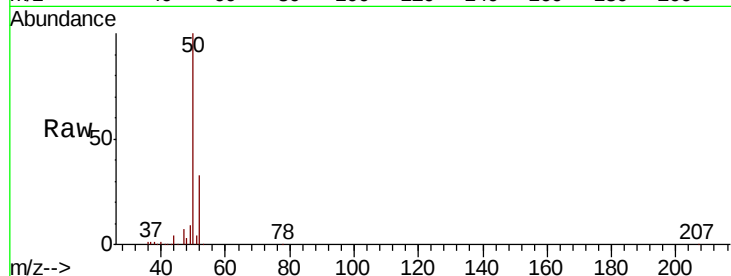
52 32.6 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.745 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059403.D

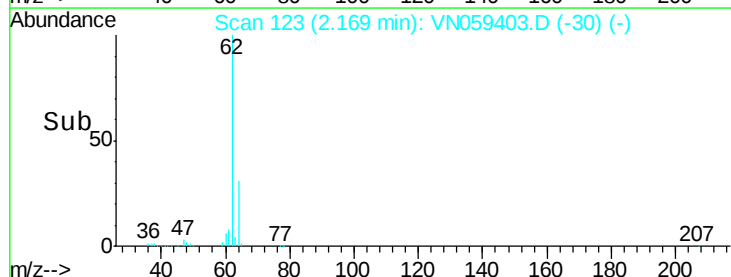
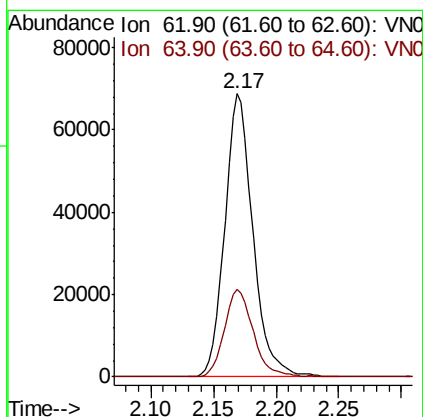
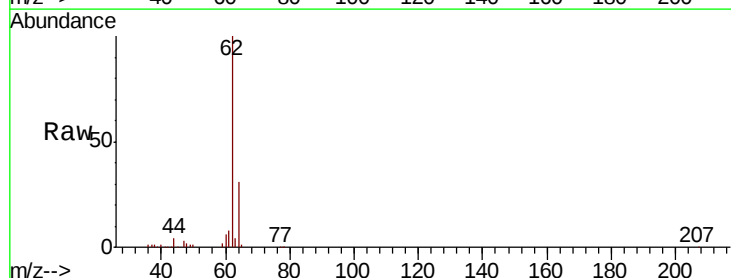
Acq: 26 Nov 2019 14:02

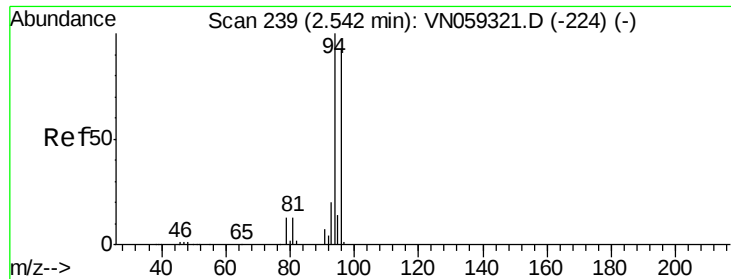
Tgt Ion: 62 Resp: 107336

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.0





#5

Bromomethane

Concen: 18.639 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

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ClientSampleId :

VN1126WBS01

Tot Ion: 94 Resp: 59254

Ion Ratio Lower Upper

94 100

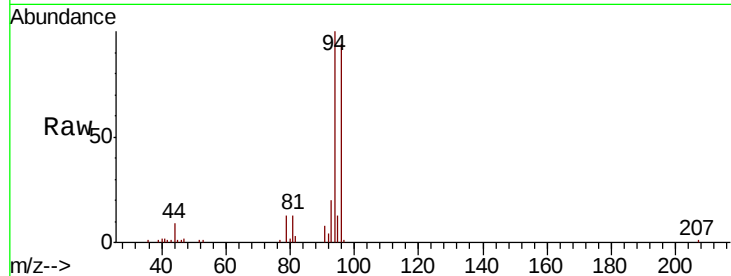
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Manual Integrations

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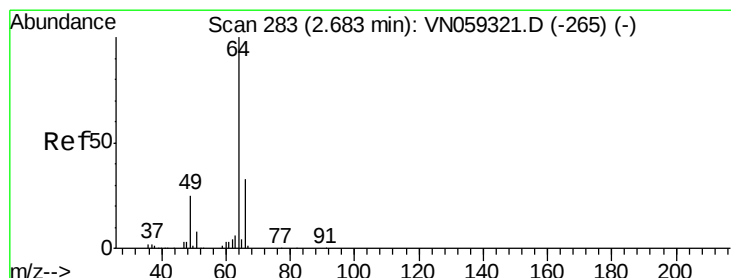
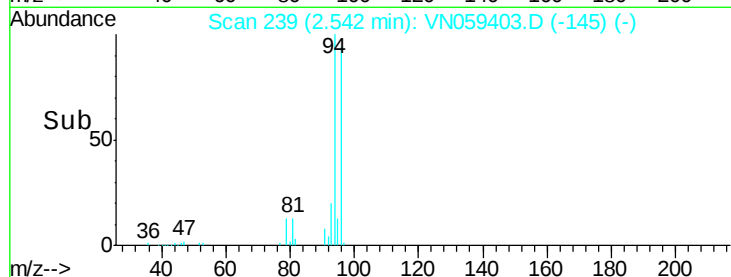
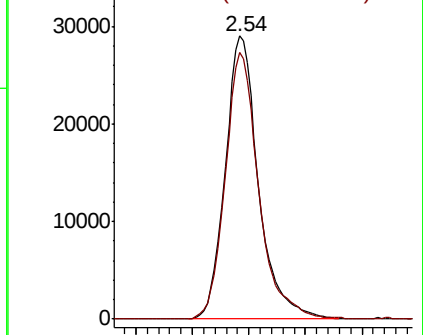
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 17.737 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059403.D

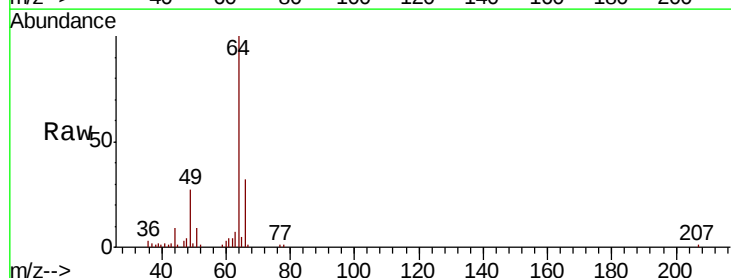
Acq: 26 Nov 2019 14:02

Tgt Ion: 64 Resp: 55428

Ion Ratio Lower Upper

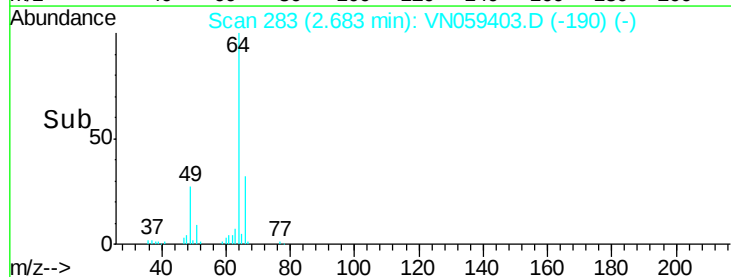
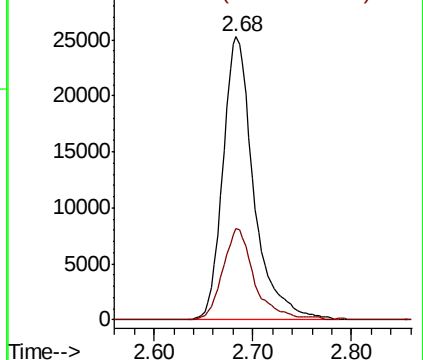
64 100

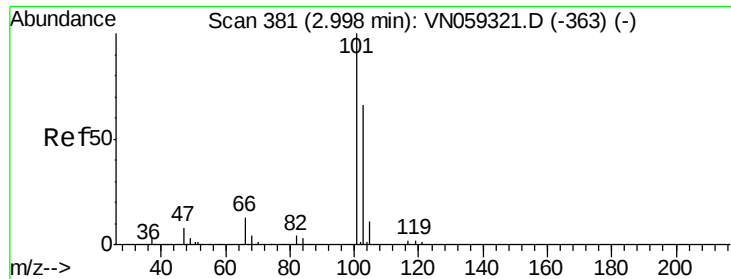
66 32.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

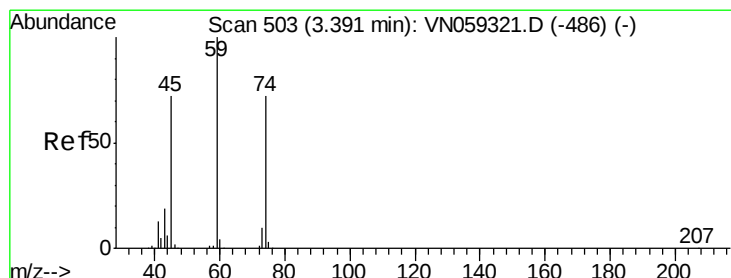
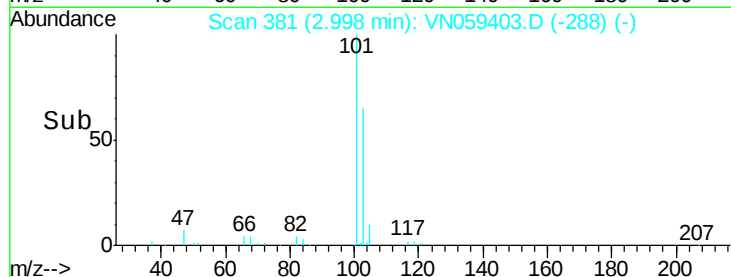
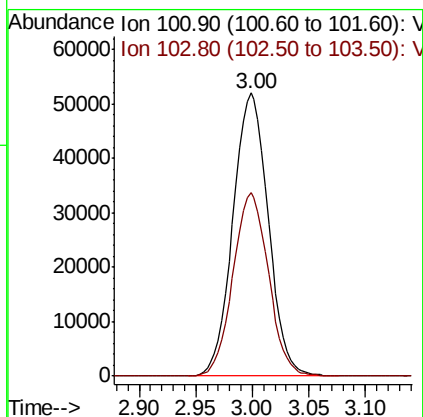
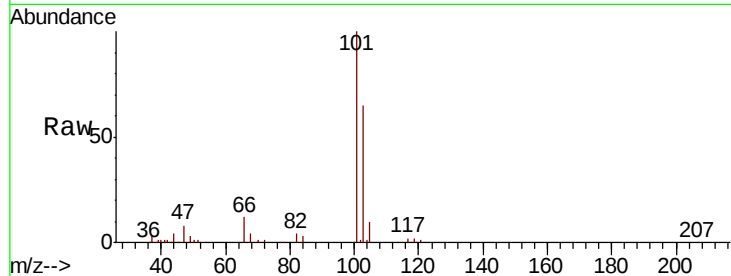
Trichlorofluoromethane
 Concen: 18.365 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		113241		
103	64.9	52.5	78.7		

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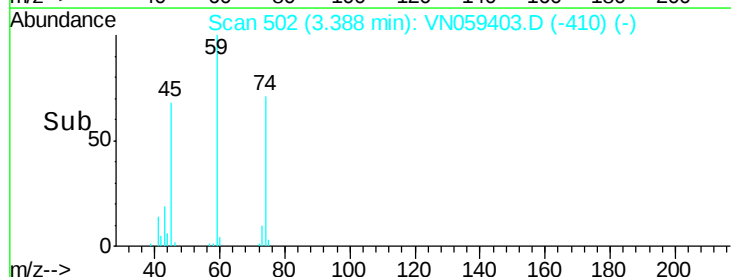
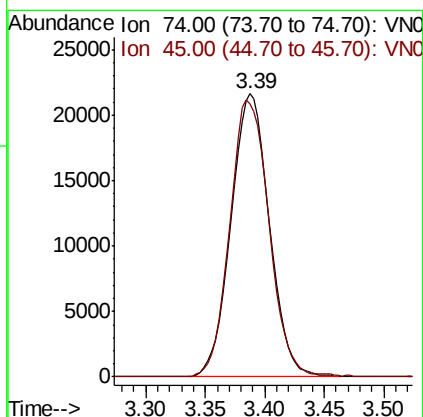
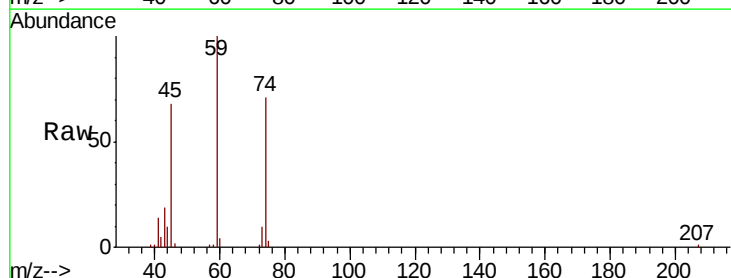
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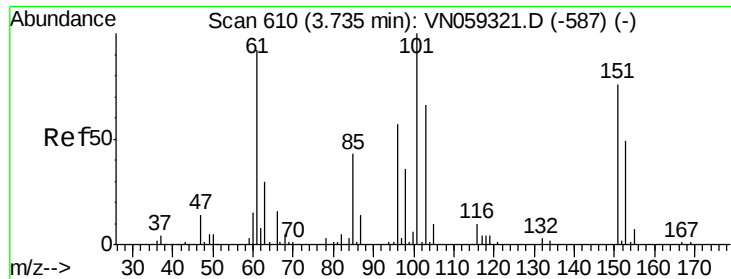


#8

Diethyl Ether
 Concen: 19.160 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		48298		
45	100.2	51.7	155.2		





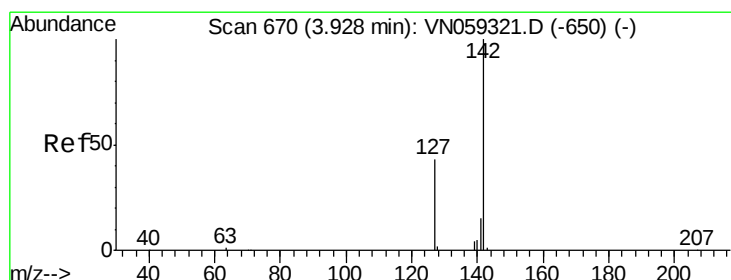
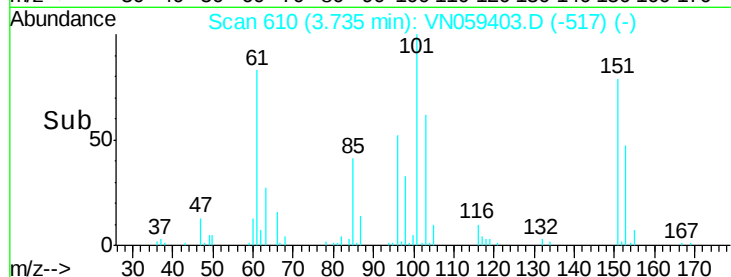
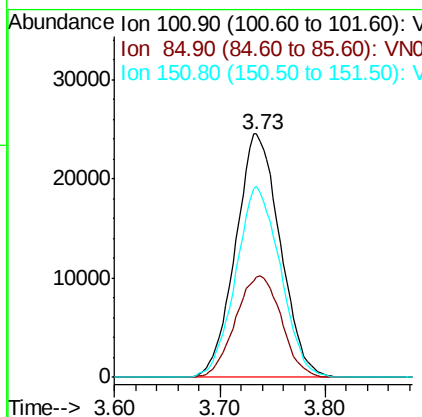
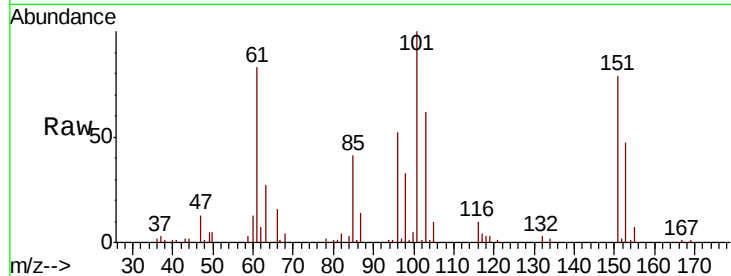
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.093 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.6	34.8	52.2
151	78.4	62.2	93.4

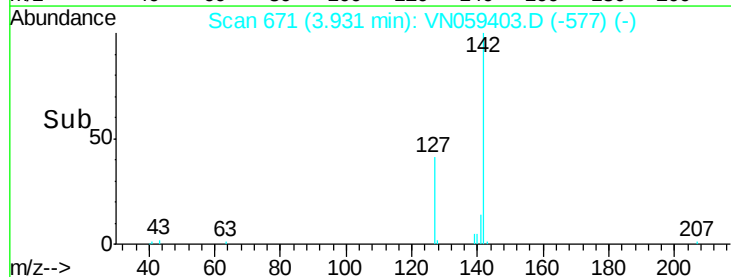
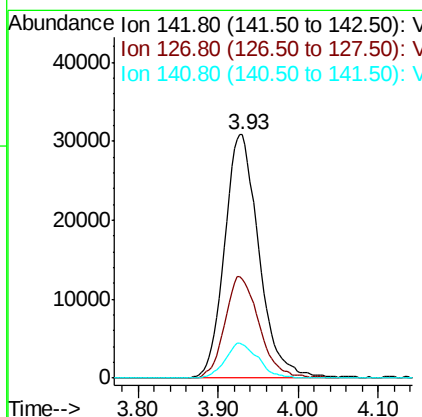
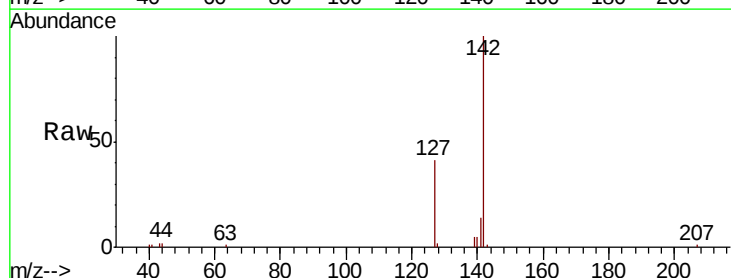
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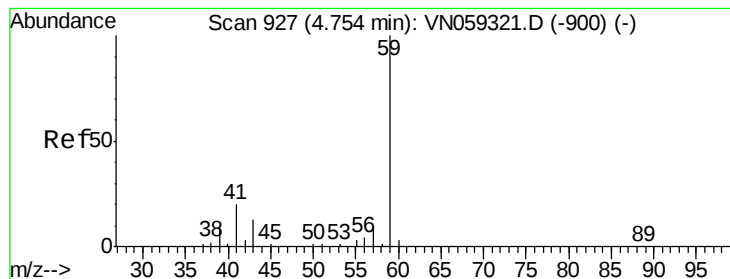
apatel
11/27/2019 10:47:23 AM



#10
Methyl Iodide
Concen: 19.316 ug/l
RT: 3.93 min Scan# 671
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.9	33.8	50.6
141	13.7	11.2	16.8





#11

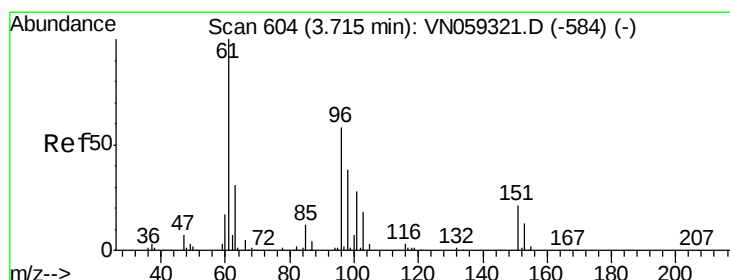
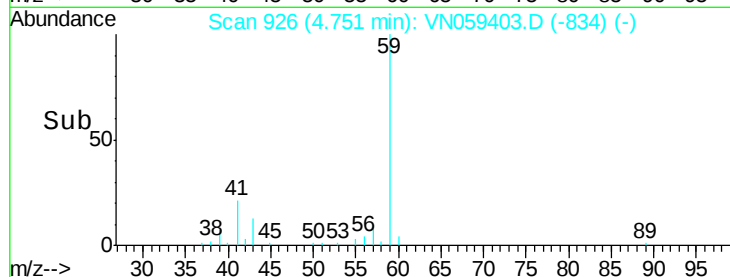
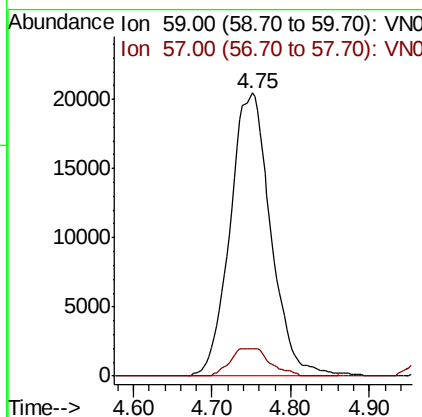
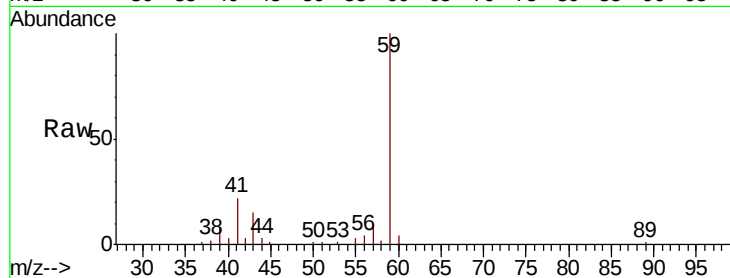
Tert butyl alcohol
 Concen: 86.700 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.3	8.2	12.2#

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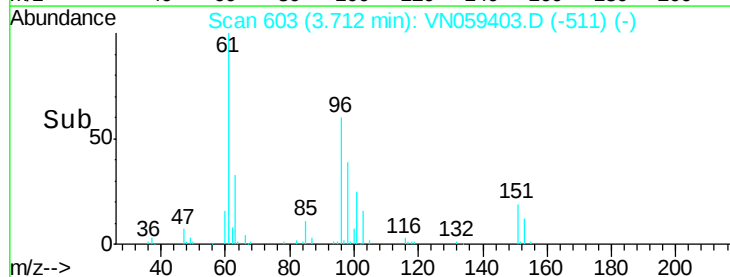
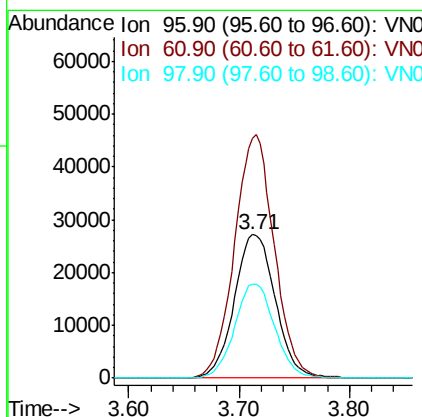
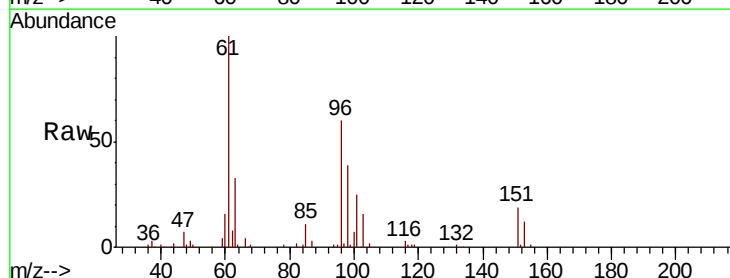
apatel
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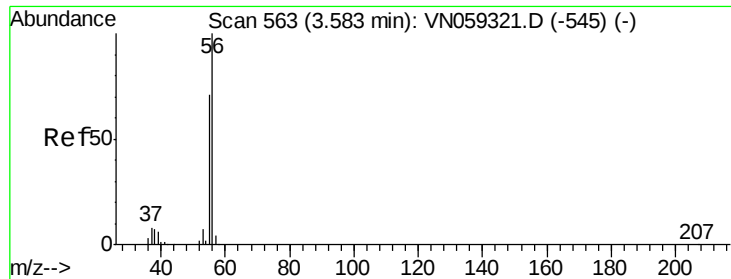


#12

1,1-Dichloroethene
 Concen: 18.230 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.1	136.8	205.2
98	65.5	51.6	77.4





#13

Acrolein

Concen: 61.010 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tot Ion: 56 Resp: 47442

Ion Ratio Lower Upper

56 100

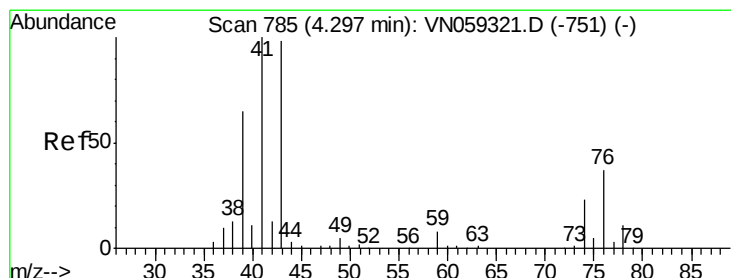
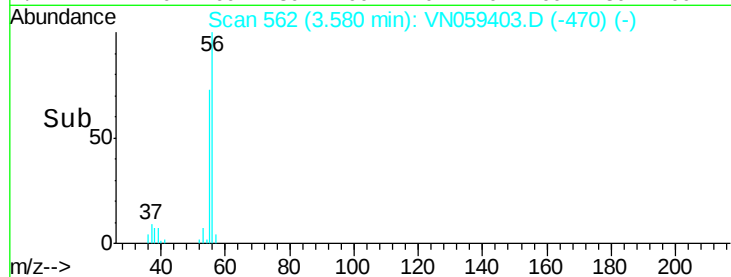
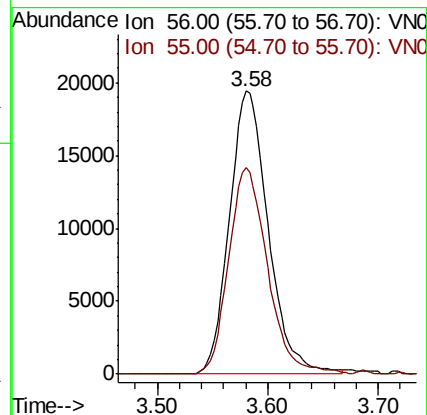
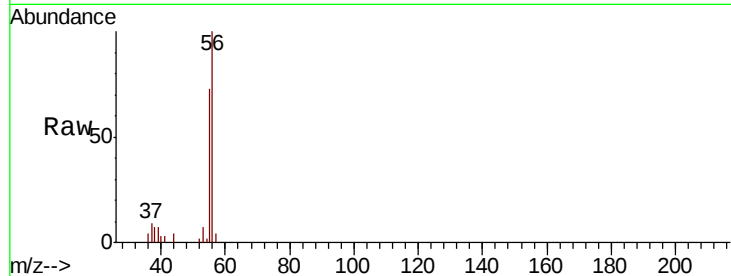
55 73.0 57.4 86.0

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#14

Allyl chloride

Concen: 17.996 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

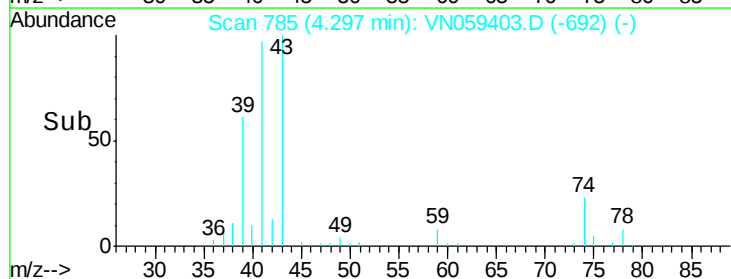
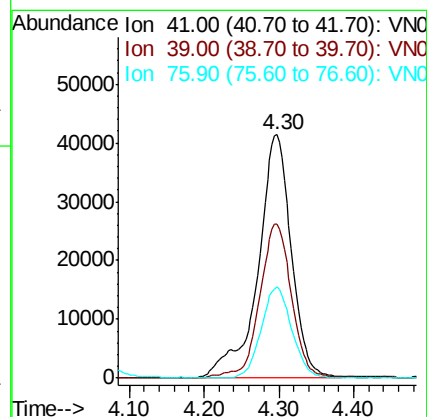
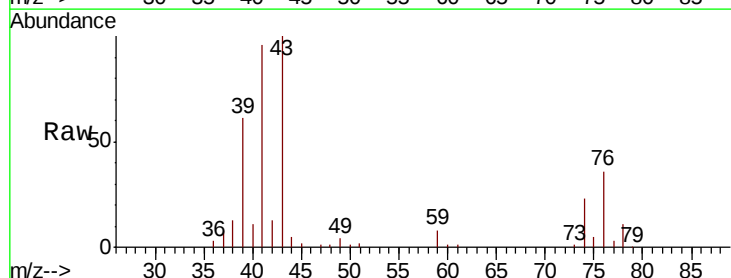
Tgt Ion: 41 Resp: 128666

Ion Ratio Lower Upper

41 100

39 60.5 48.4 72.6

76 34.3 26.2 39.4





#15

Acrylonitrile

Concen: 95.446 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.01 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

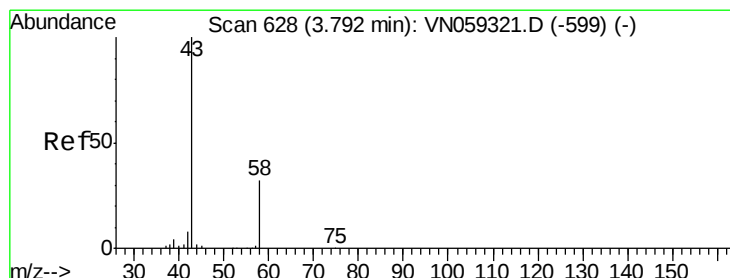
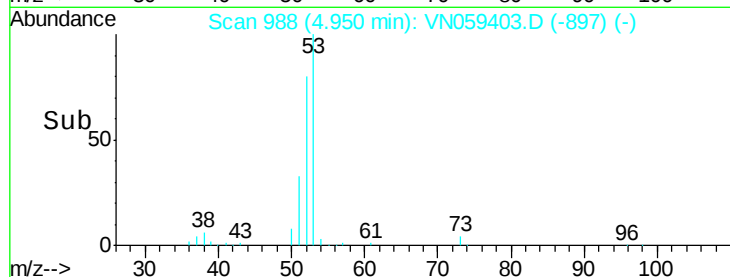
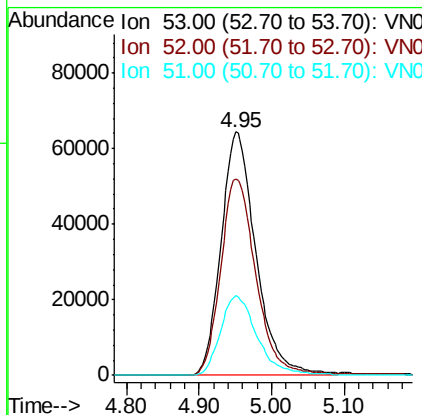
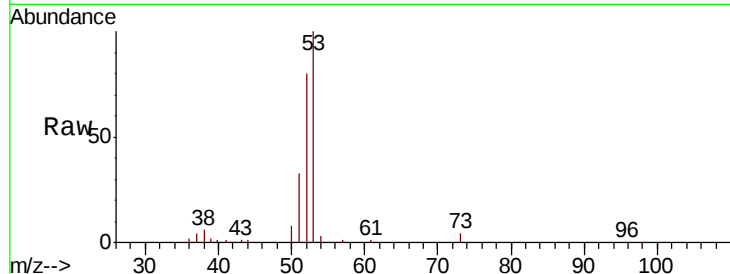
ClientSampleId :

VN1126WBS01

Tot Ion:	53	Resp:	214974
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.8	98.8
51	34.4	28.2	42.2

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#16

Acetone

Concen: 110.635 ug/l

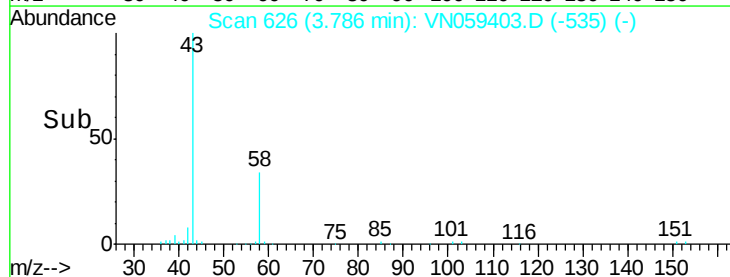
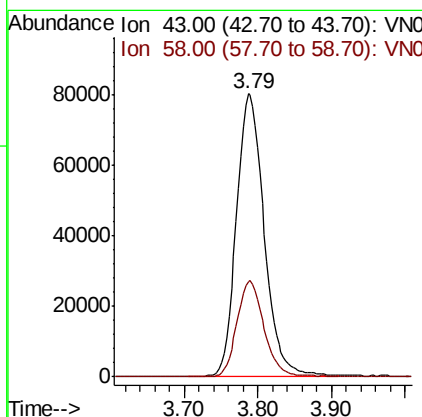
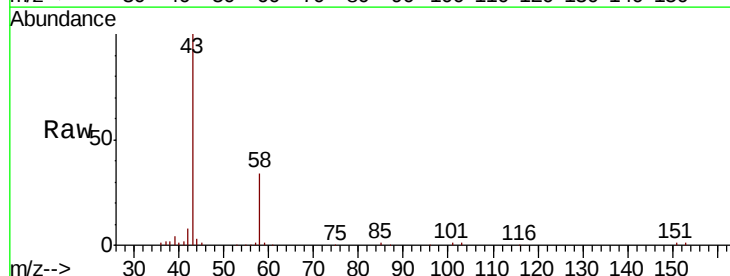
RT: 3.79 min Scan# 626

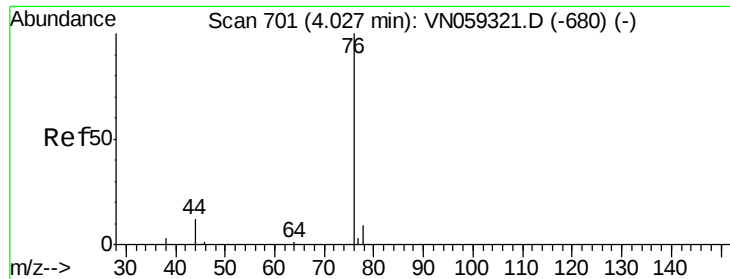
Delta R.T. -0.01 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Tgt Ion:	43	Resp:	211064
Ion	Ratio	Lower	Upper
43	100		
58	33.8	25.8	38.6





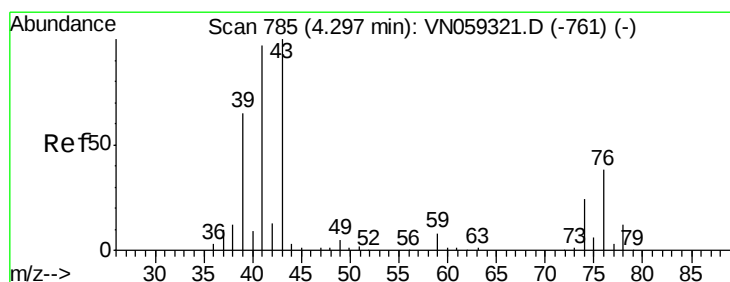
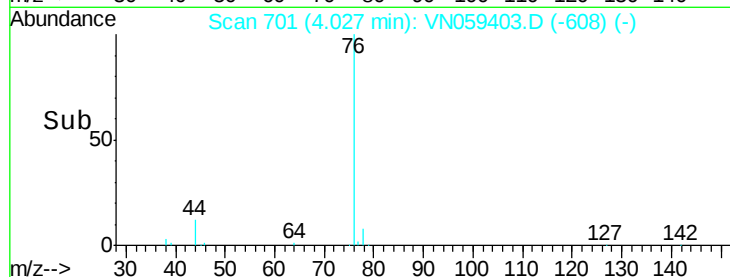
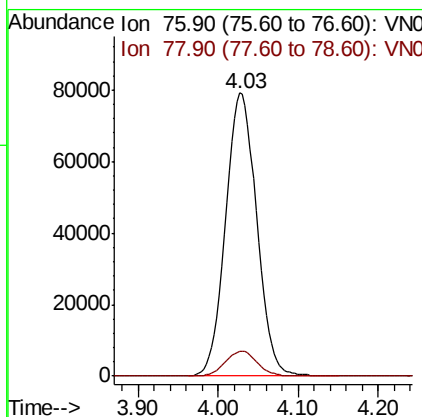
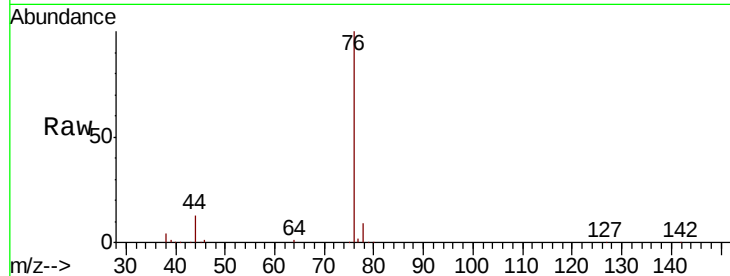
#17
Carbon Disulfide
Concen: 17.557 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

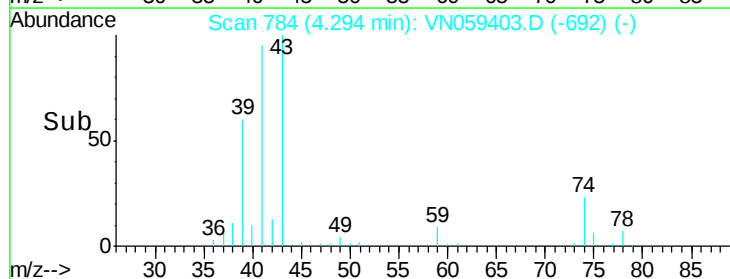
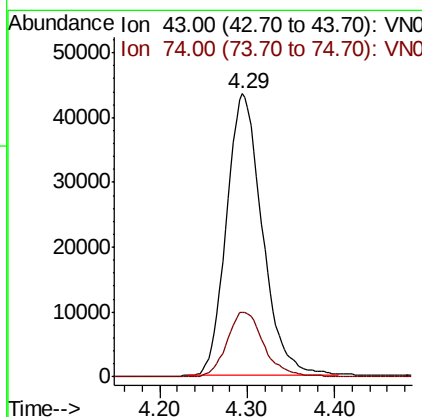
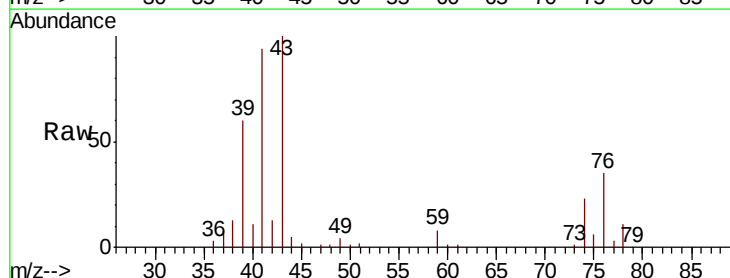
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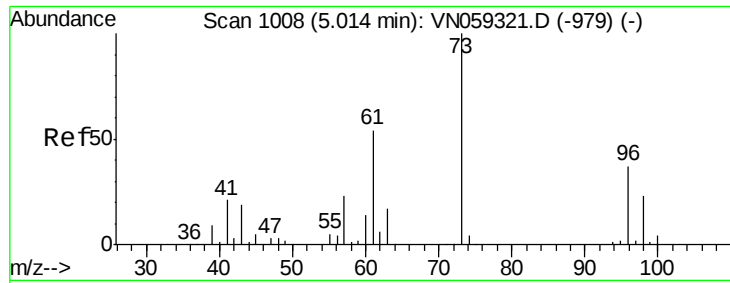
apatel
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#18
Methyl Acetate
Concen: 19.558 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.1	27.1





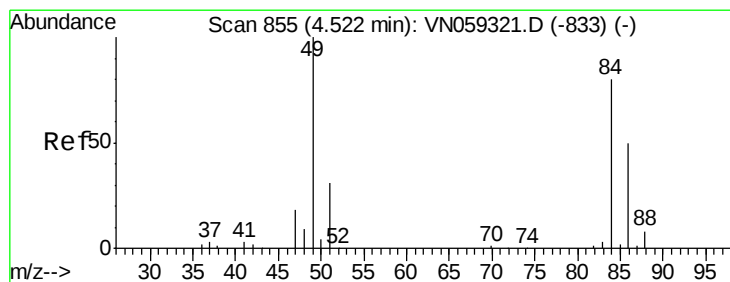
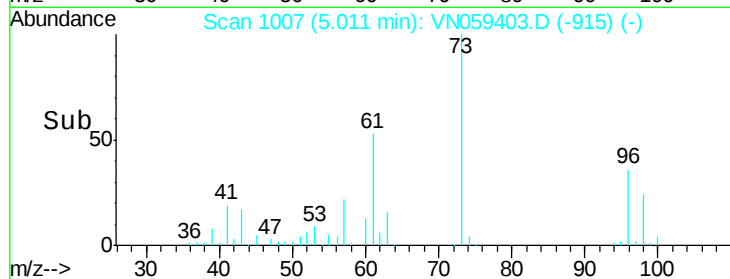
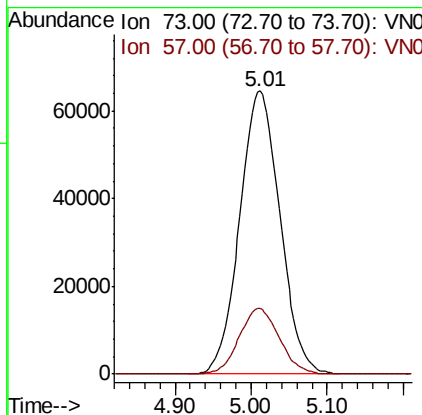
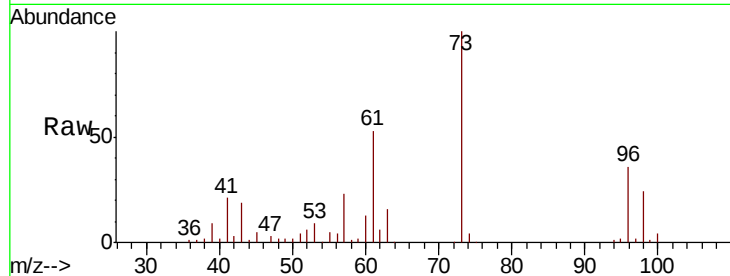
#19
Methvl tert-butvl Ether
Concen: 19.248 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion: 73 Resp: 237936
Ion Ratio Lower Upper
73 100
57 23.1 18.4 27.6

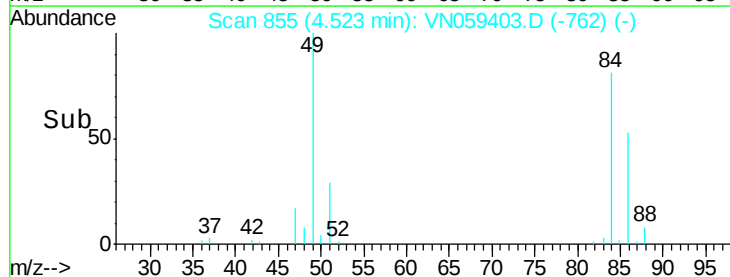
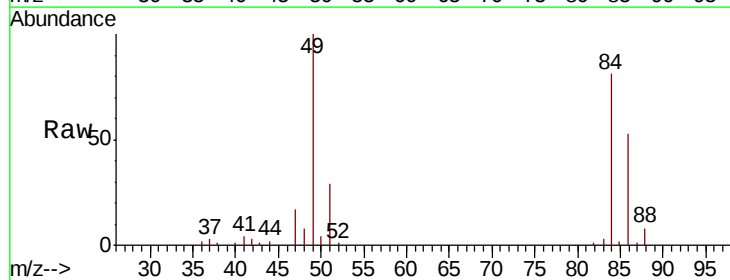
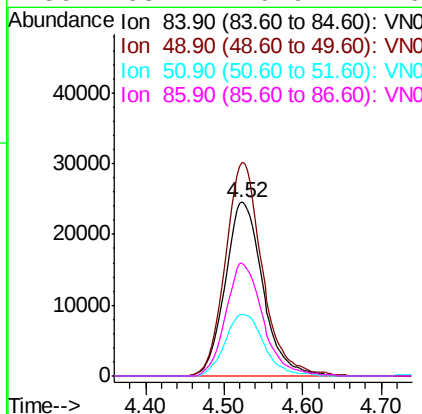
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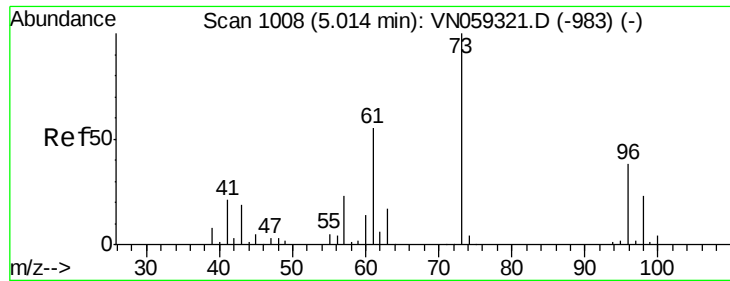
apatel
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#20
Methylene Chloride
Concen: 18.935 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion: 84 Resp: 81469
Ion Ratio Lower Upper
84 100
49 123.0 99.5 149.3
51 35.7 31.1 46.7
86 65.2 49.9 74.9





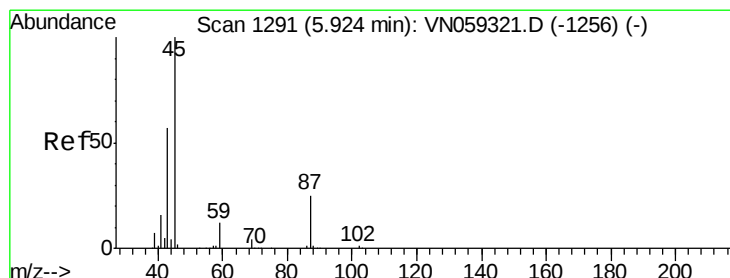
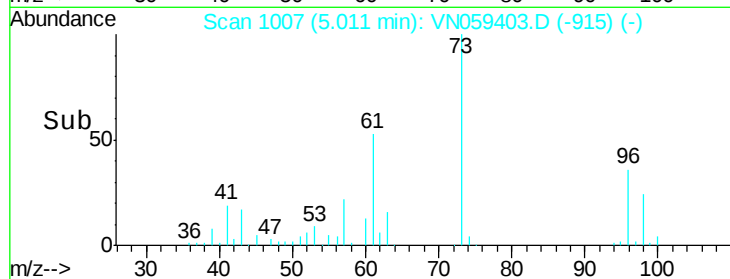
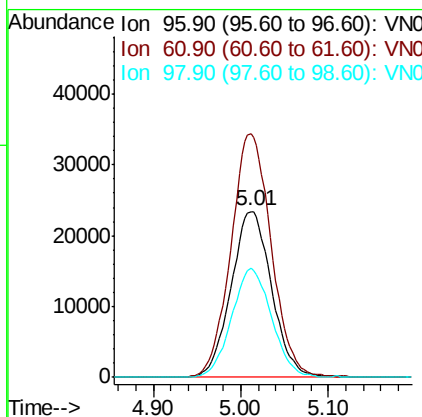
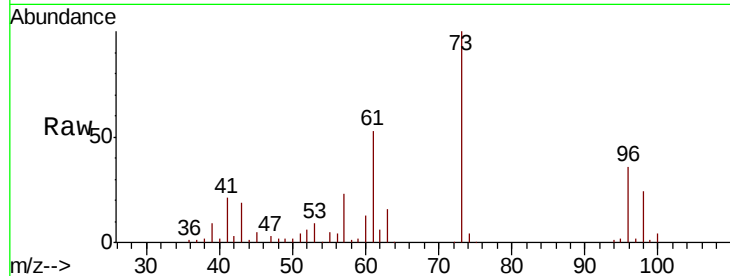
#21
trans-1,2-Dichloroethene
Concen: 18.605 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.7	116.4	174.6
98	65.5	49.6	74.4

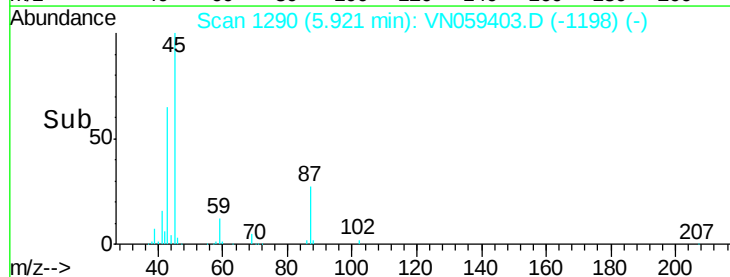
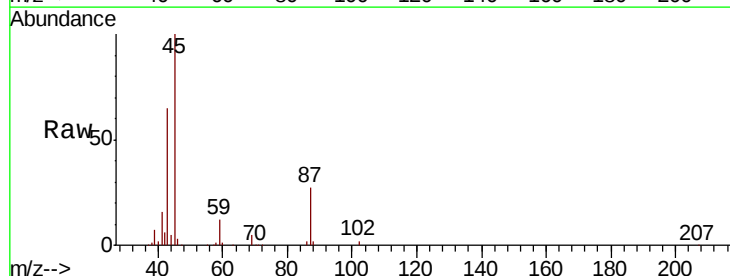
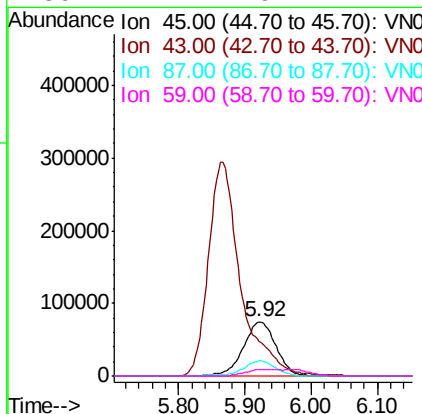
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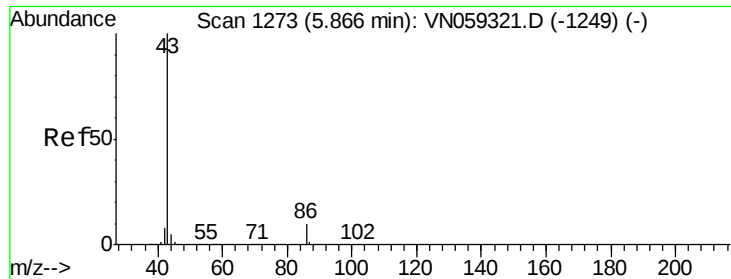
apatel
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#22
Diisopropyl ether
Concen: 18.968 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.3	47.6	71.4
87	27.2	20.7	31.1
59	12.1	9.4	14.2





#23

Vinyl Acetate

Concen: 93.803 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tot Ion: 43 Resp: 992983

Ion Ratio Lower Upper

43 100

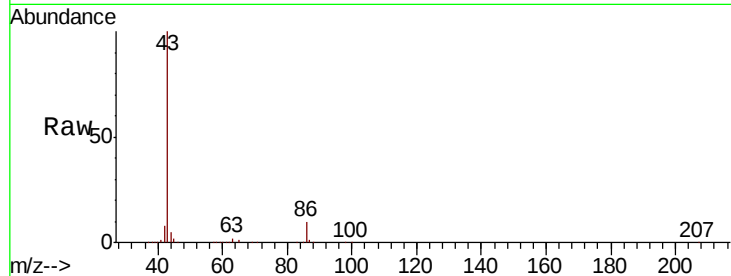
86 10.1 8.0 12.0

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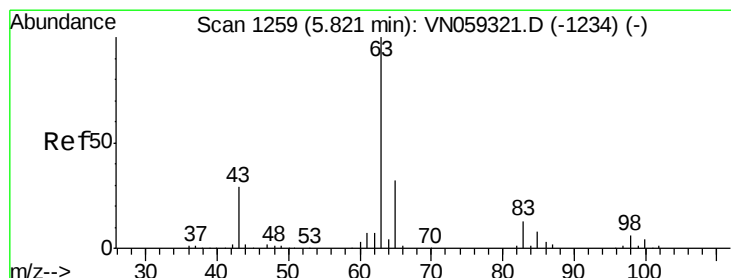
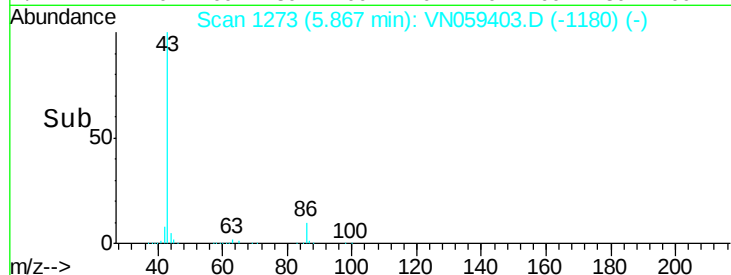
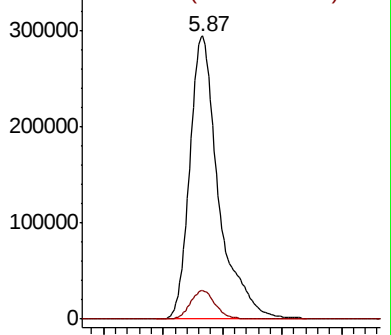
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.128 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

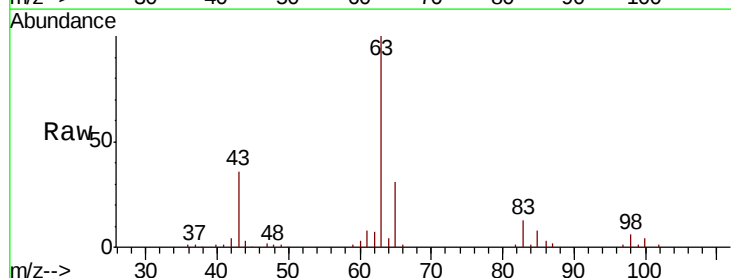
Tgt Ion: 63 Resp: 144934

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

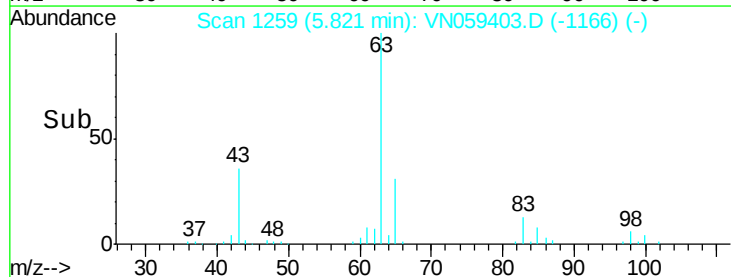
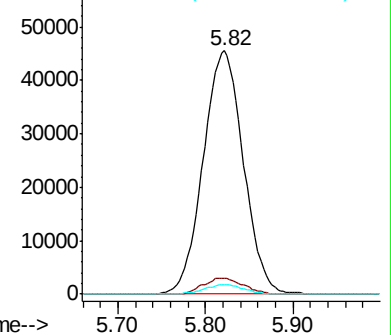
100 3.9 1.9 5.7

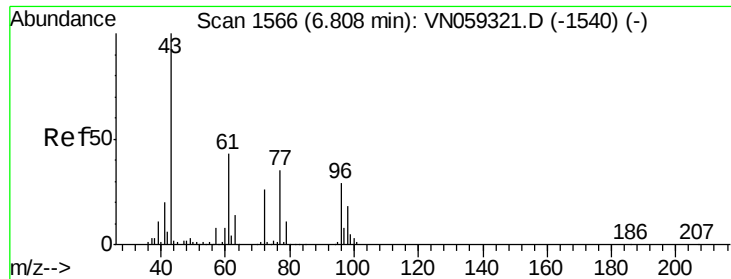


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 97.988 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tot Ion: 43 Resp: 290685

Ion Ratio Lower Upper

43 100

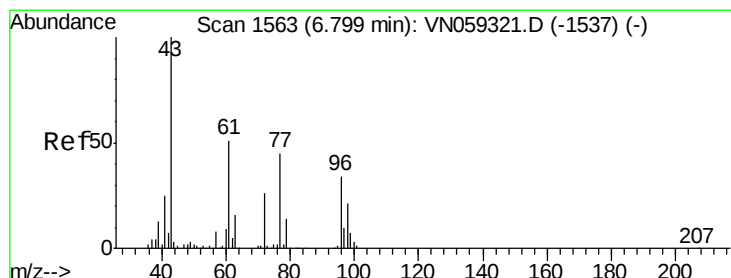
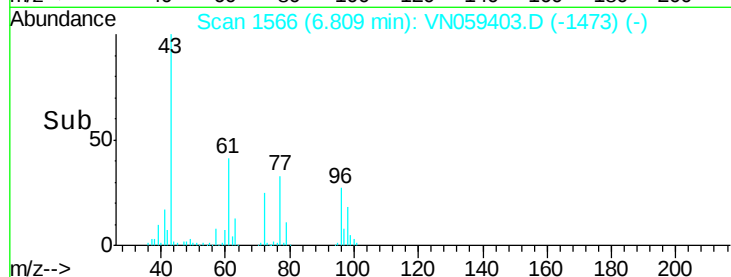
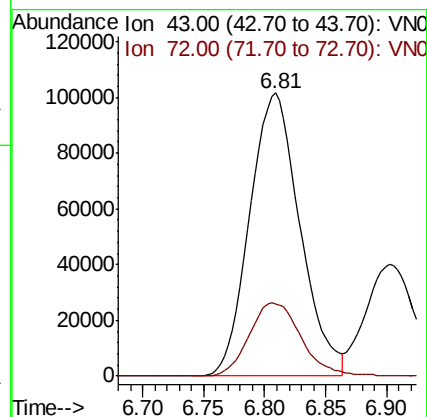
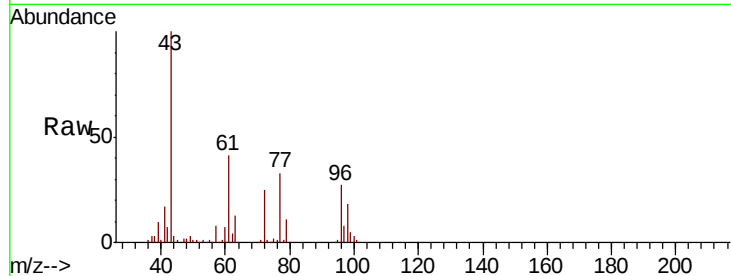
72 25.5 20.5 30.7

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#26

2,2-Dichloropropane

Concen: 18.545 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059403.D

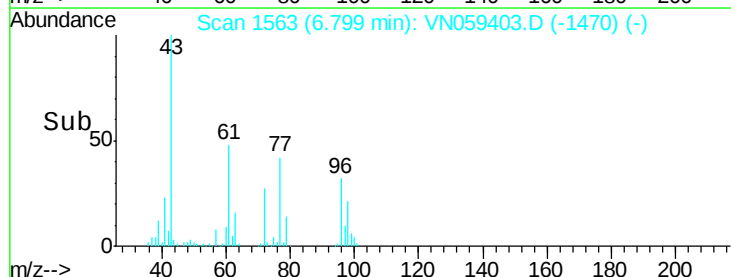
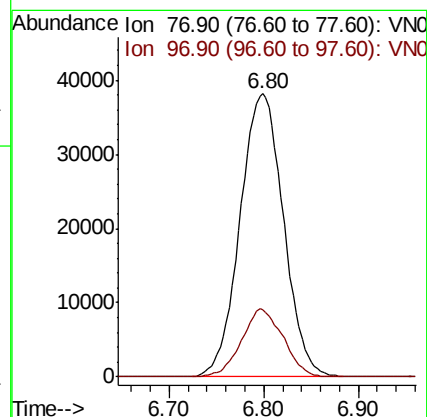
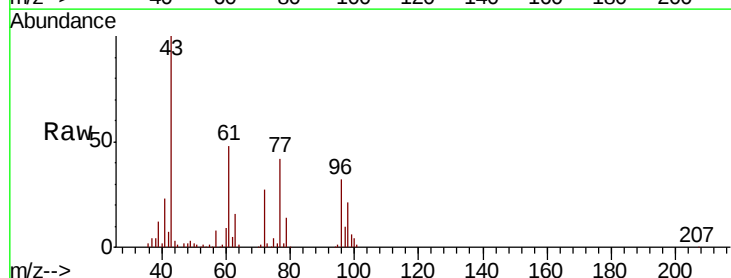
Acq: 26 Nov 2019 14:02

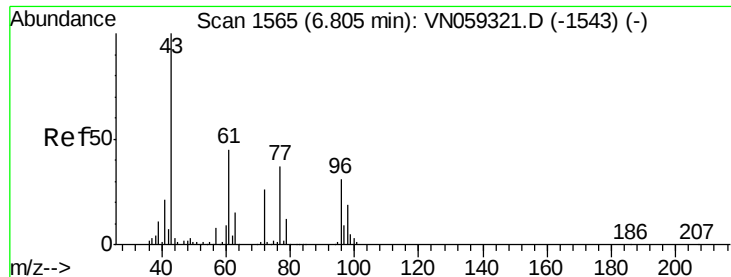
Tgt Ion: 77 Resp: 121673

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4





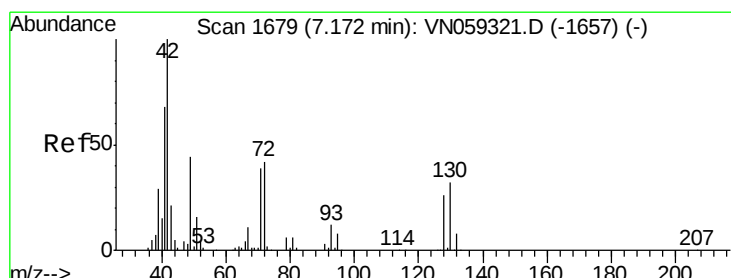
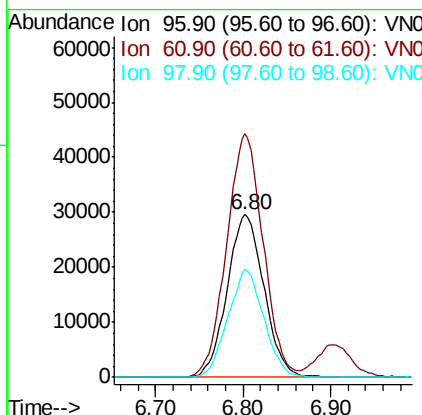
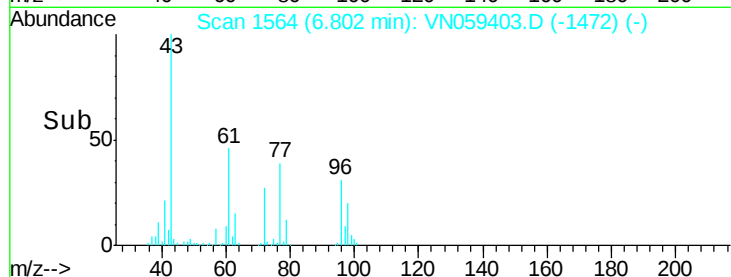
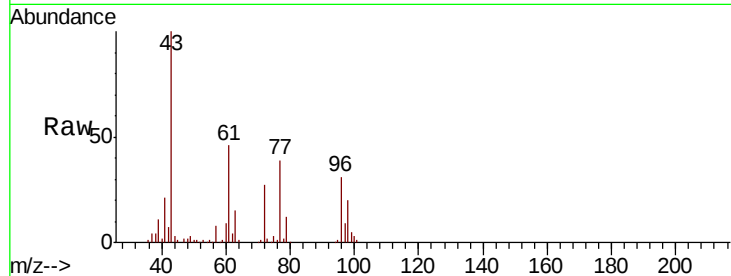
#27
 cis-1,2-Dichloroethene
 Concen: 18.872 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	304.0
98	64.8	0.0	128.4

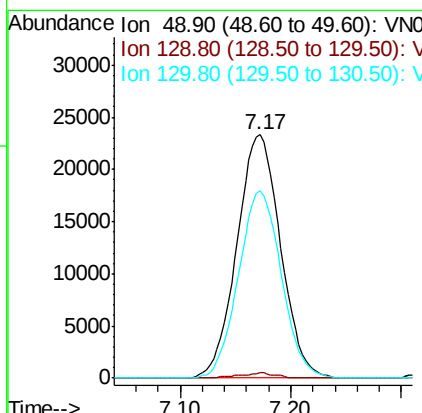
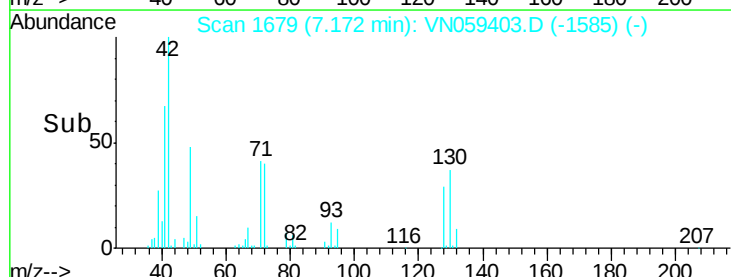
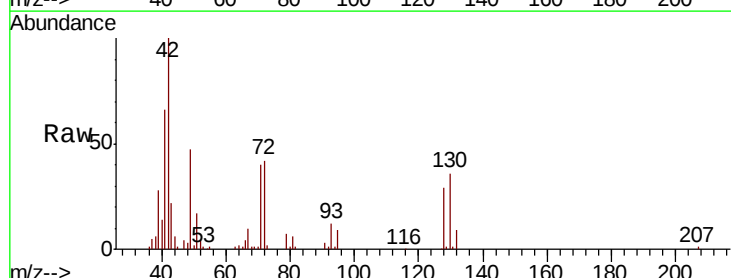
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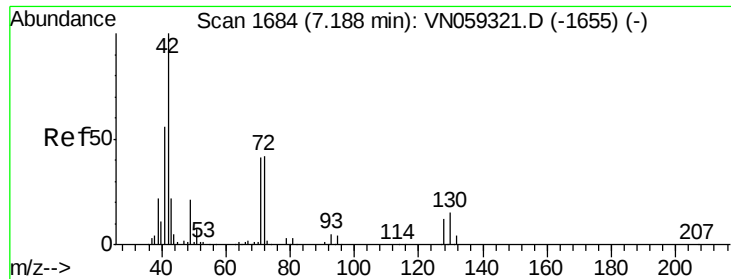
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#28
 Bromochloromethane
 Concen: 22.089 ug/l
 RT: 7.17 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.8
130	75.5	57.0	85.6





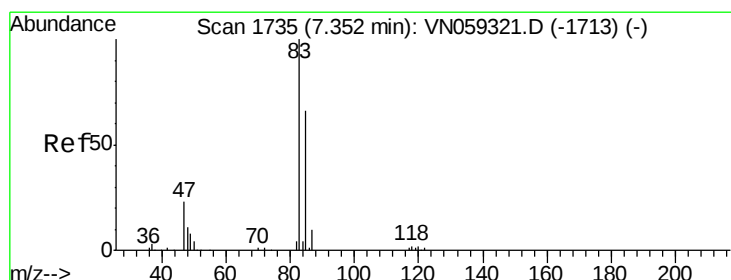
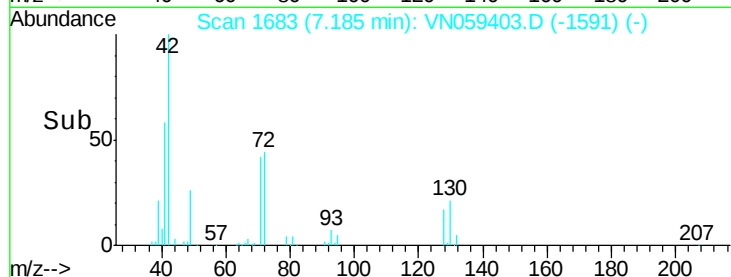
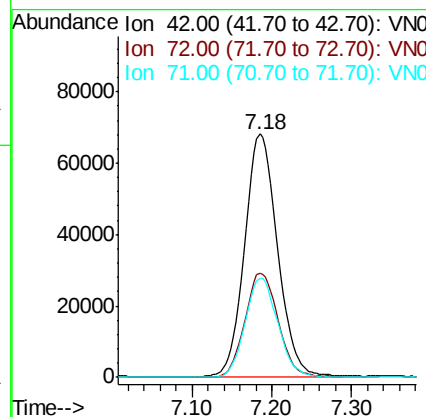
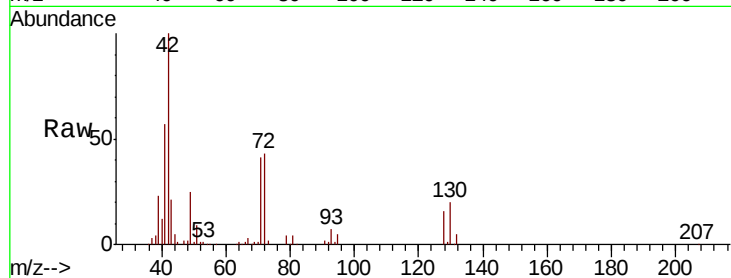
#29
Tetrahydrofuran
Concen: 92.939 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.2	51.2
71	40.3	32.6	48.8

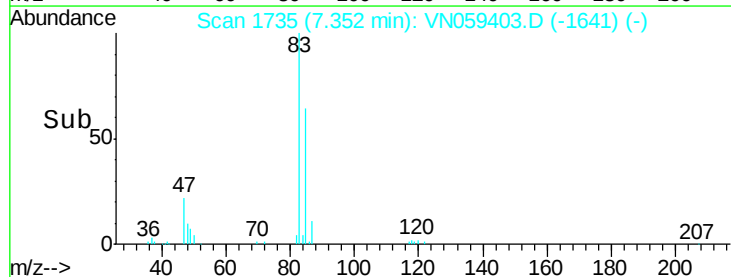
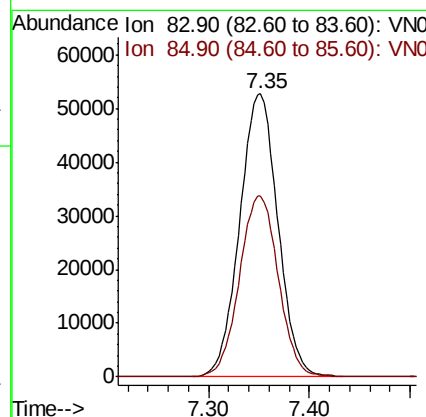
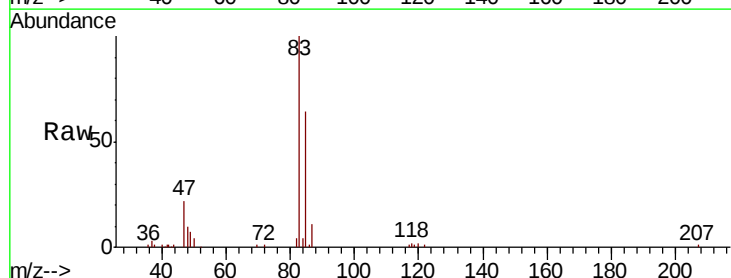
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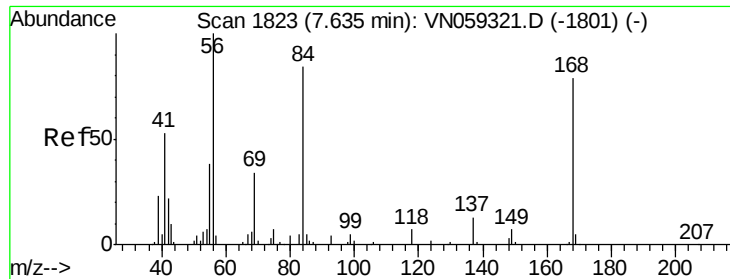
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#30
Chloroform
Concen: 18.755 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.7	79.1





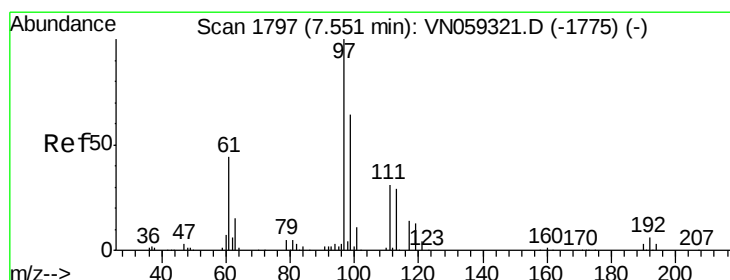
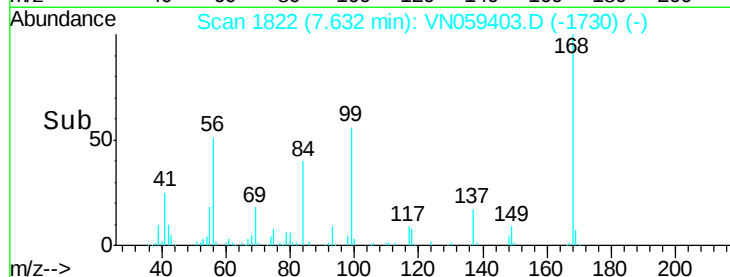
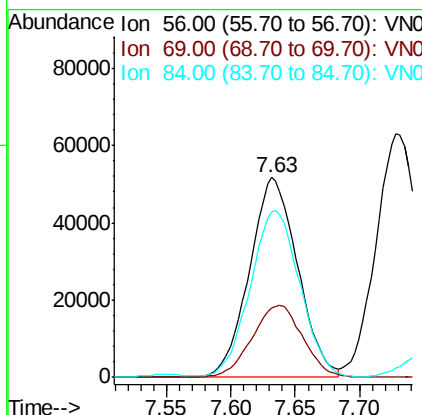
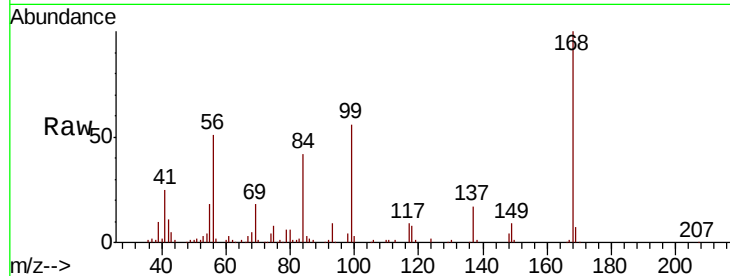
#31
Cyclohexane
Concen: 17.953 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.5	26.6	40.0
84	82.0	67.0	100.4

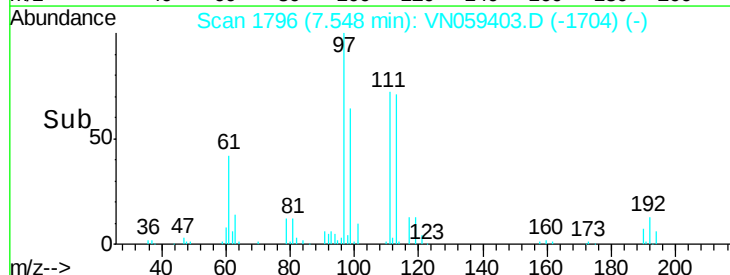
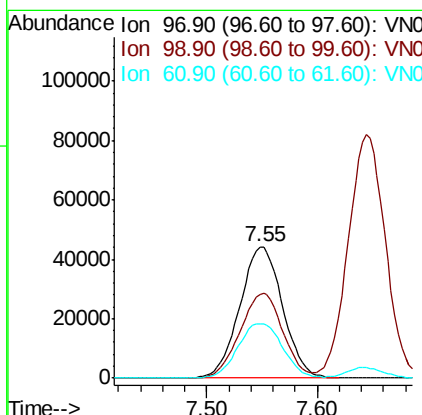
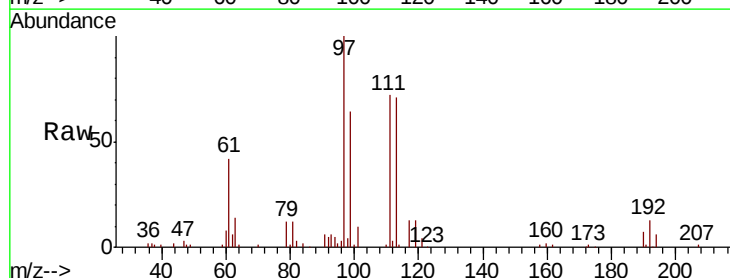
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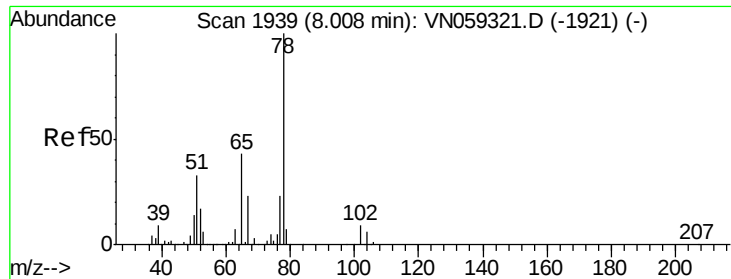
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#32
1,1,1-Trichloroethane
Concen: 18.819 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.3	76.9
61	43.5	35.3	52.9





#33

1,2-Dichloroethane-d4

Concen: 52.386 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tot Ion: 65 Resp: 222887

Ion Ratio Lower Upper

65 100

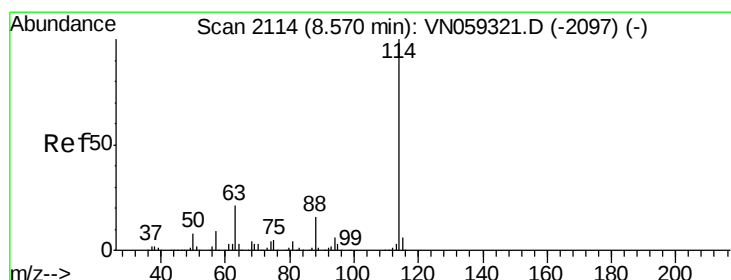
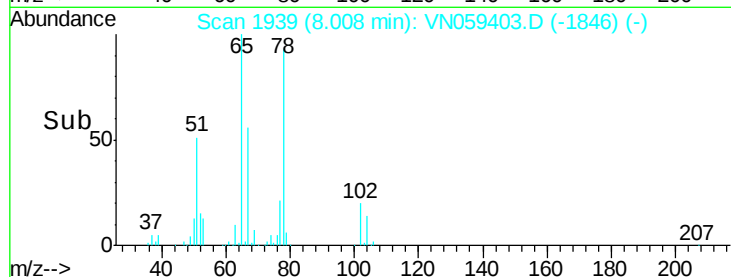
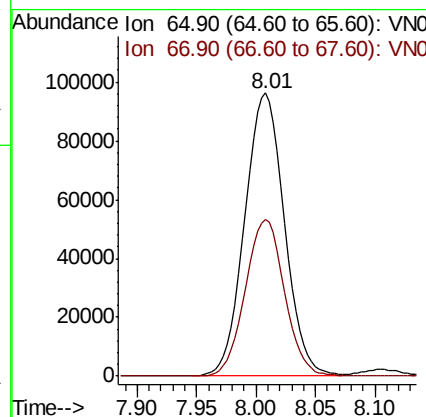
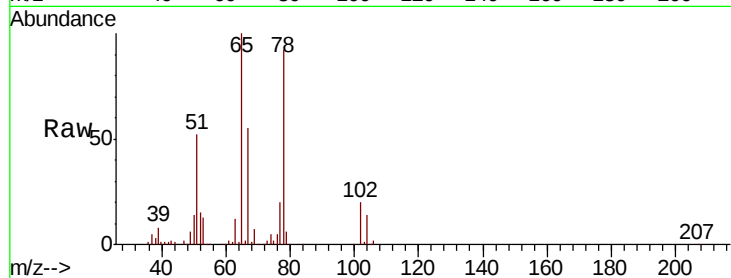
67 54.7 0.0 109.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

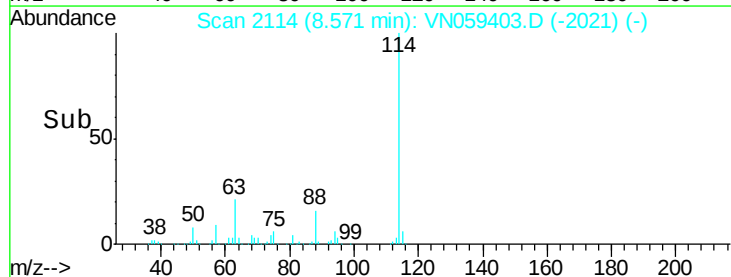
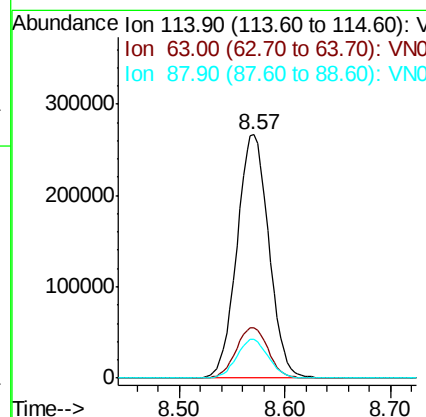
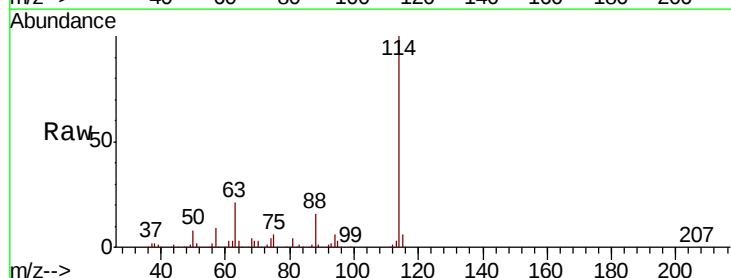
Tgt Ion: 114 Resp: 559974

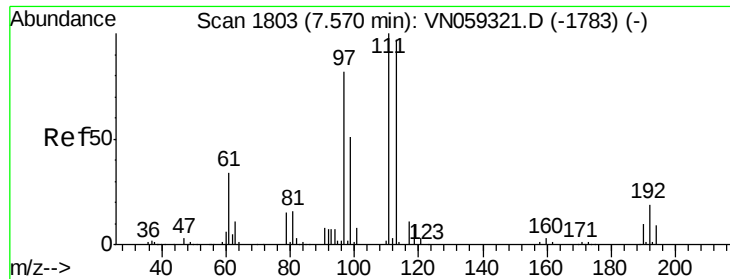
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.2

88 16.2 0.0 32.2





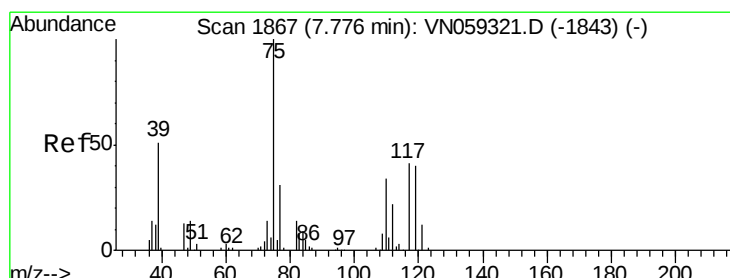
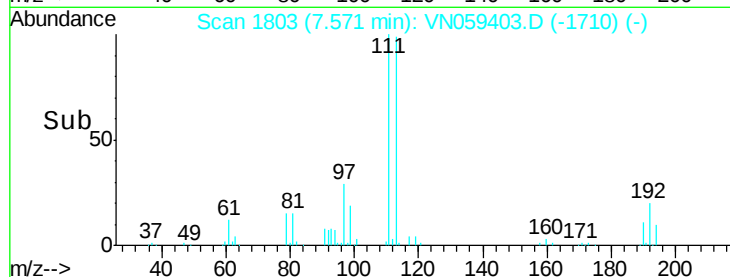
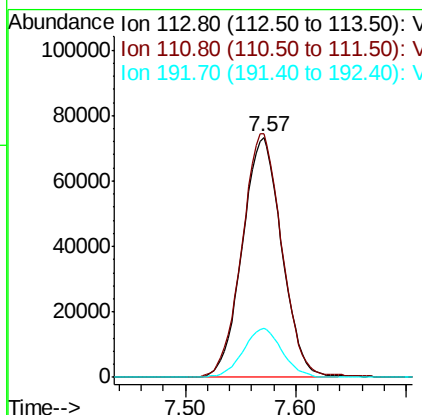
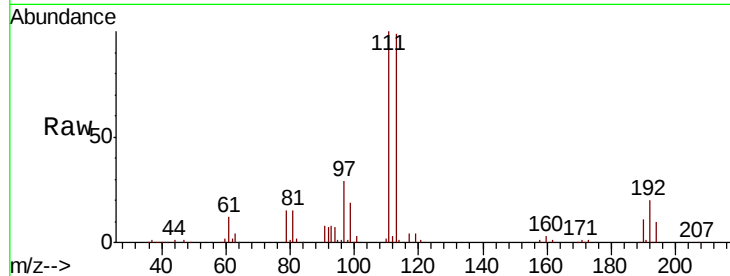
#35
 Dibromofluoromethane
 Concen: 53.986 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	20.3	16.3	24.5

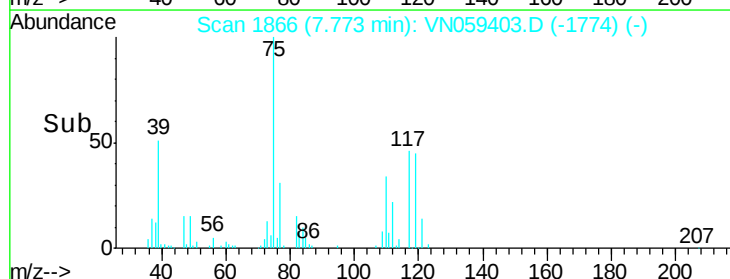
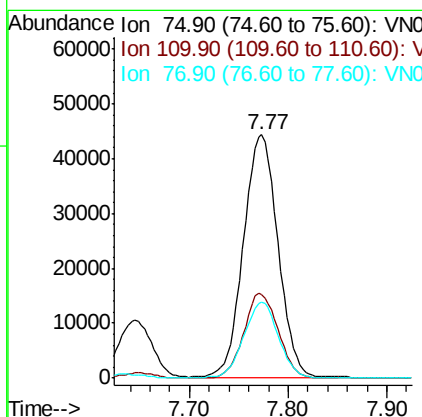
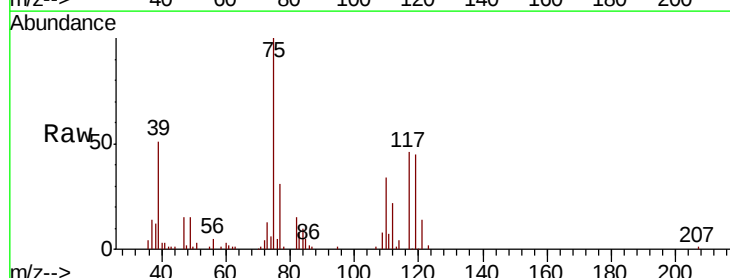
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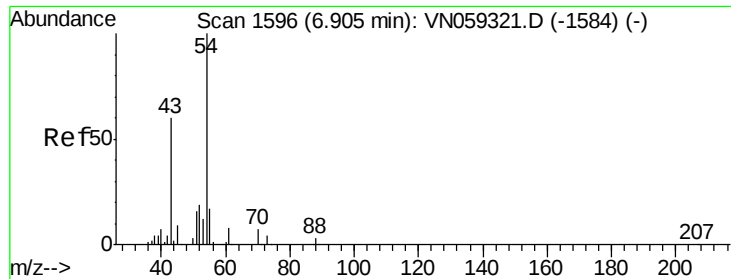
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#36
 1,1-Dichloropropene
 Concen: 18.465 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.0	51.0
77	31.6	24.8	37.2





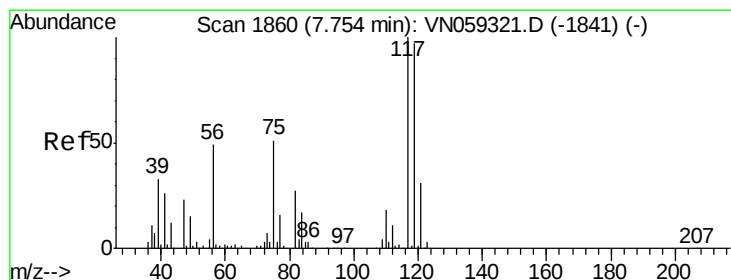
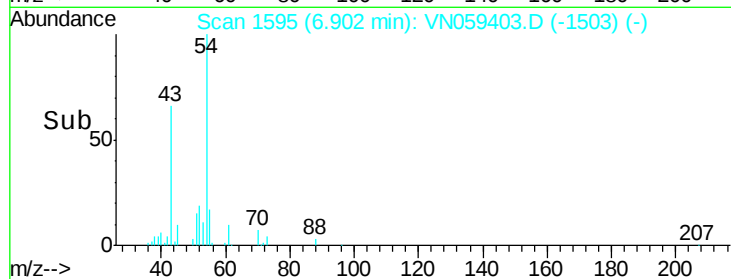
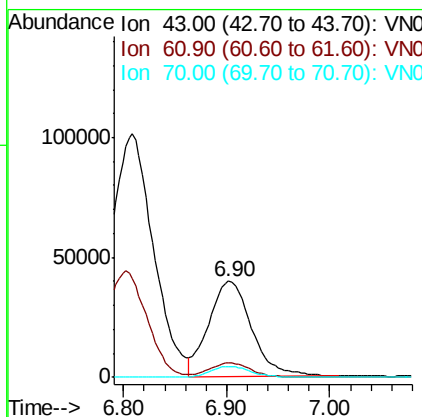
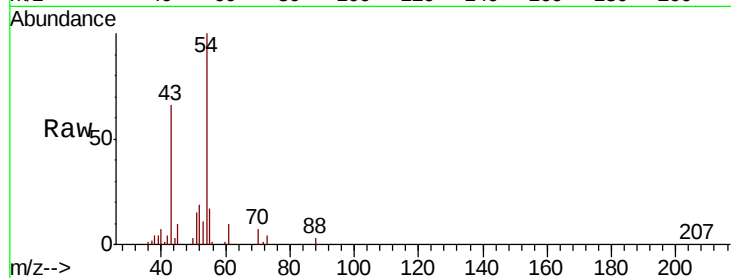
#37
Ethyl Acetate
Concen: 18.496 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.6
70	10.6	8.8	13.2

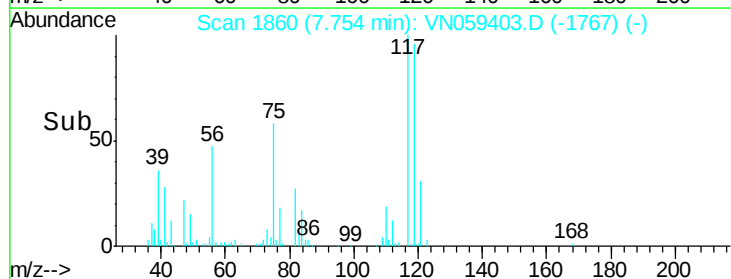
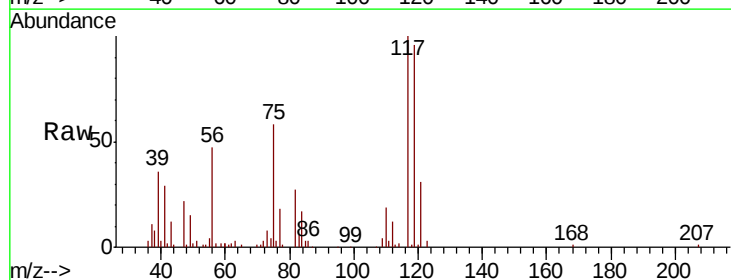
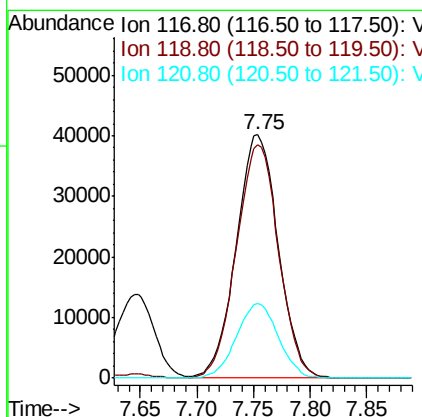
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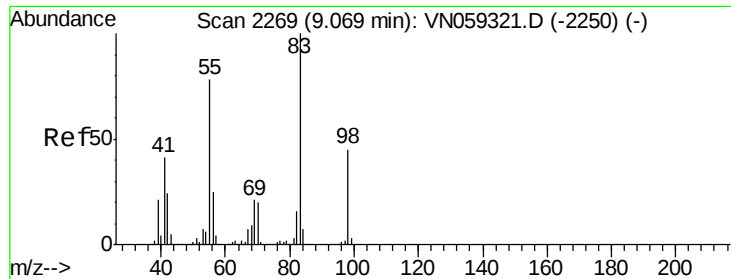
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#38
Carbon Tetrachloride
Concen: 18.746 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.0	115.4
121	30.7	24.4	36.6





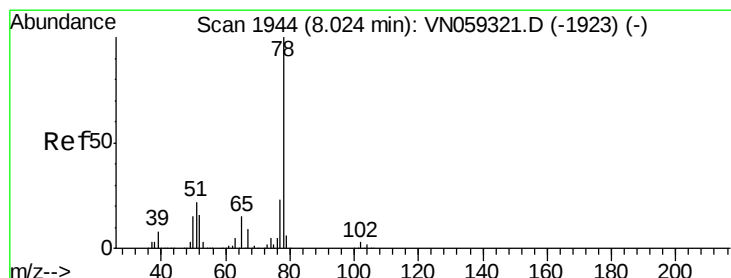
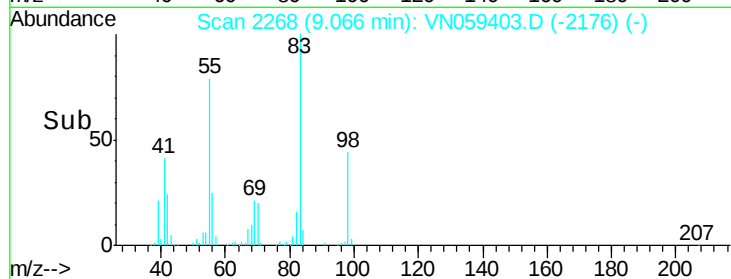
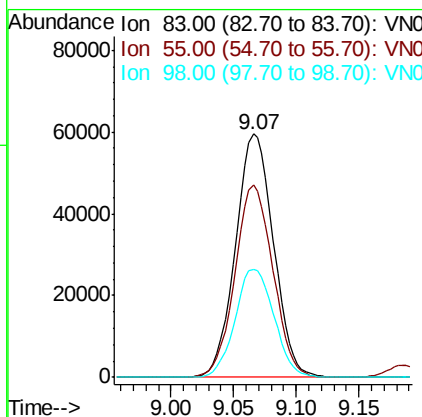
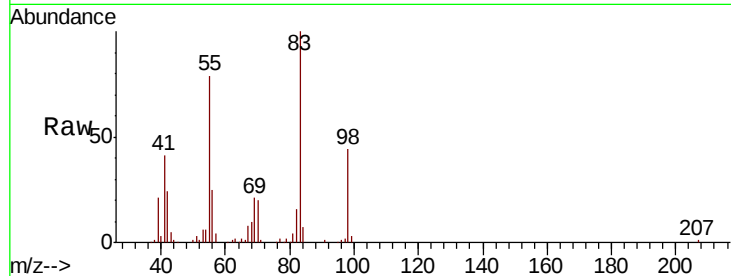
#39
Methvlcvclohexane
Concen: 17.922 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.1	62.3	93.5
98	44.4	36.0	54.0

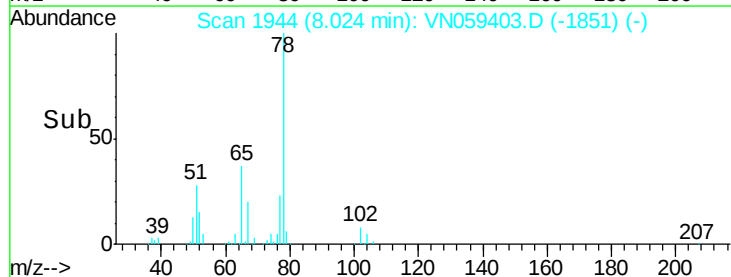
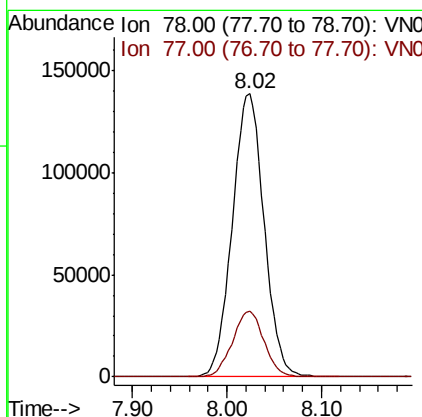
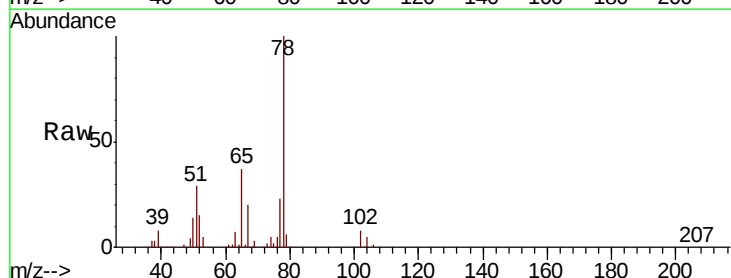
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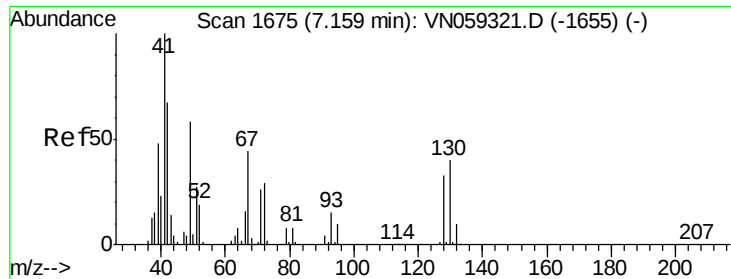
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#40
Benzene
Concen: 19.057 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.4	27.6





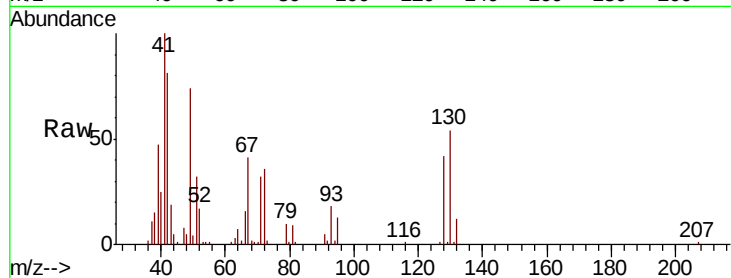
#41
Methacrylonitrile
Concen: 21.108 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

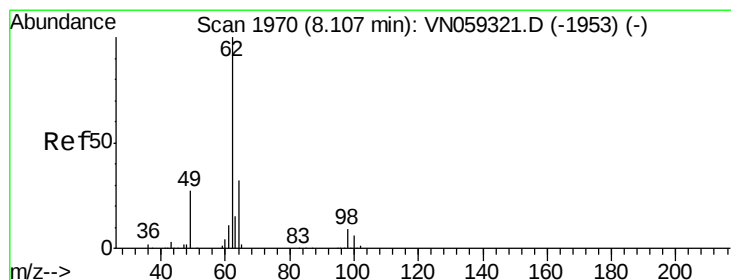
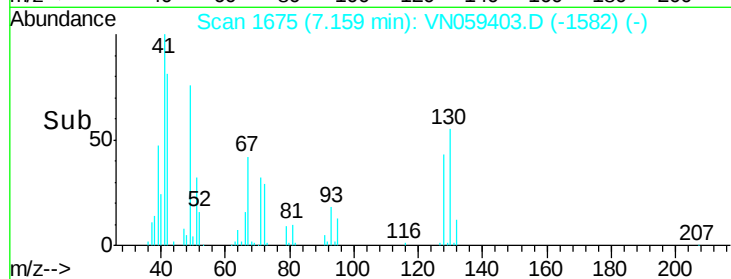
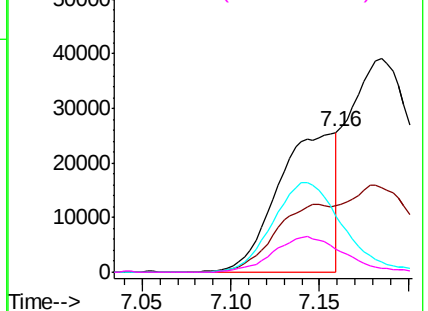
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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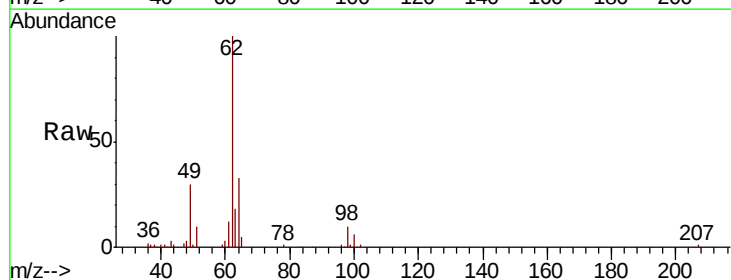


Abundance Ion 41.00 (40.70 to 41.70): VN059321.D (-1655) (-)
Ion 39.00 (38.70 to 39.70): VN059321.D (-1655) (-)
Ion 67.00 (66.70 to 67.70): VN059321.D (-1655) (-)
Ion 52.00 (51.70 to 52.70): VN059321.D (-1655) (-)

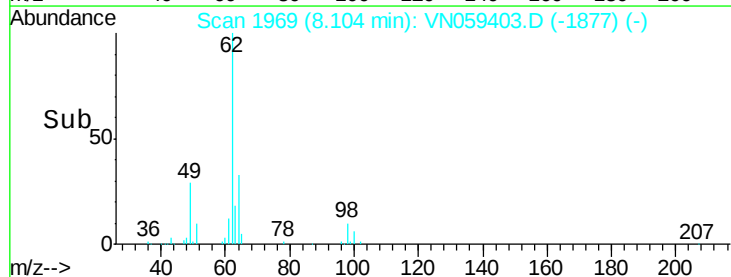
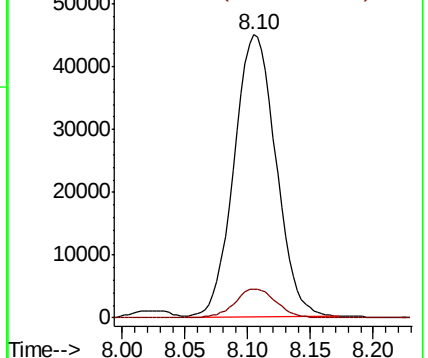


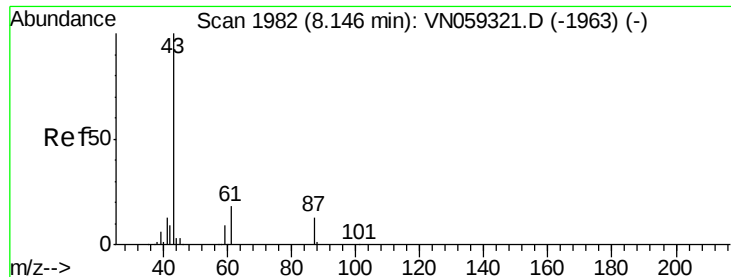
#42
1,2-Dichloroethane
Concen: 18.626 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VN059321.D (-1953) (-)
Ion 97.90 (97.60 to 98.60): VN059321.D (-1953) (-)





#43

Isopropyl Acetate

Concen: 18.768 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

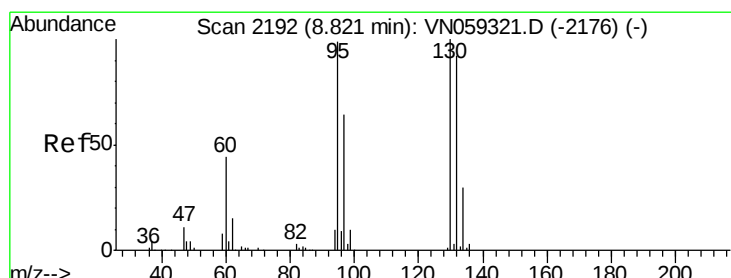
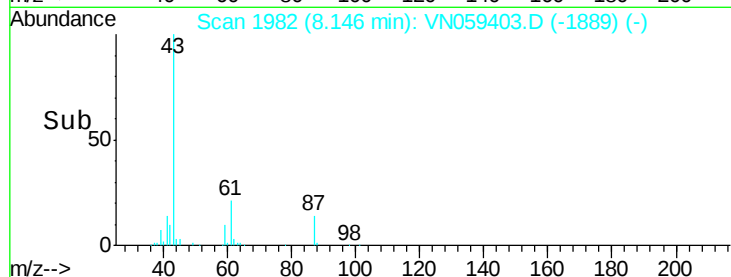
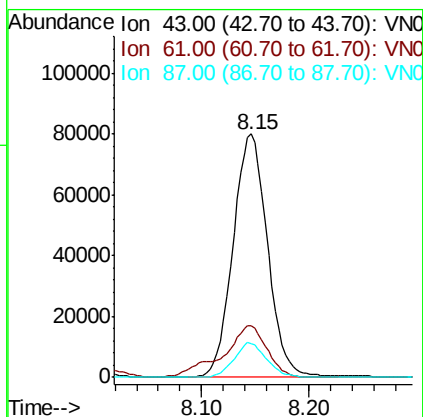
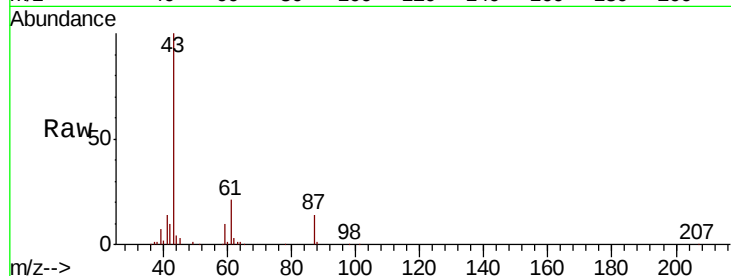
ClientSampleId :

VN1126WBS01

Tot Ion:	43	Resp:	178201
Ion	Ratio	Lower	Upper
43	100		
61	27.3	21.7	32.5
87	13.3	10.2	15.4

Manual Integrations
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#44

Trichloroethene

Concen: 19.526 ug/l

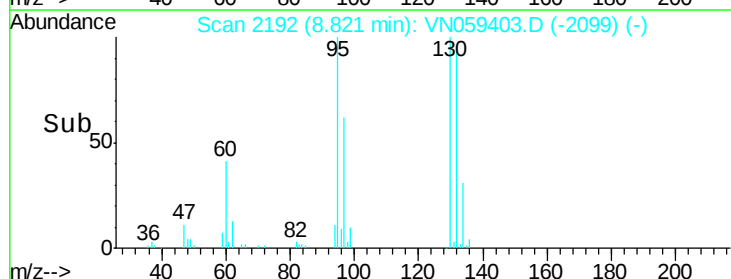
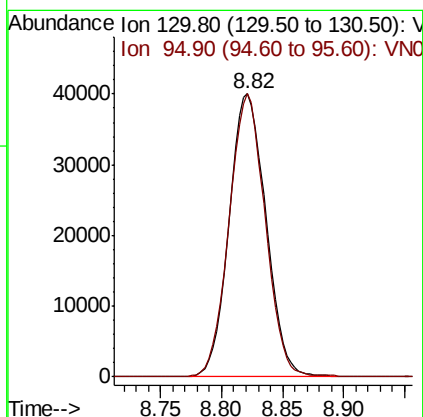
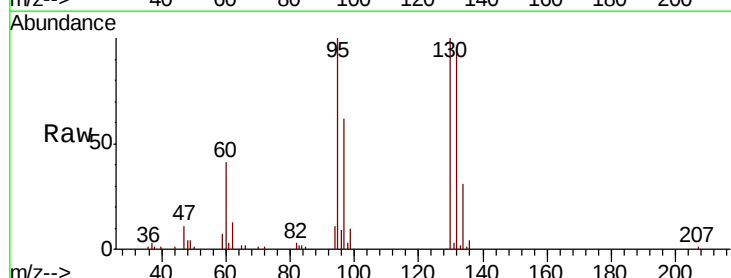
RT: 8.82 min Scan# 2192

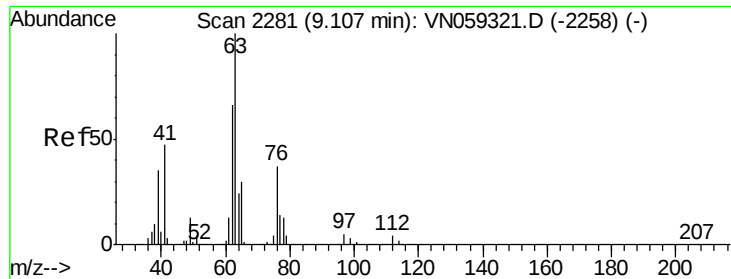
Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Tgt Ion:	130	Resp:	83963
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	198.4





#45

1,2-Dichloropropane

Concen: 19.080 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tot Ion: 63 Resp: 86324

Ion Ratio Lower Upper

63 100

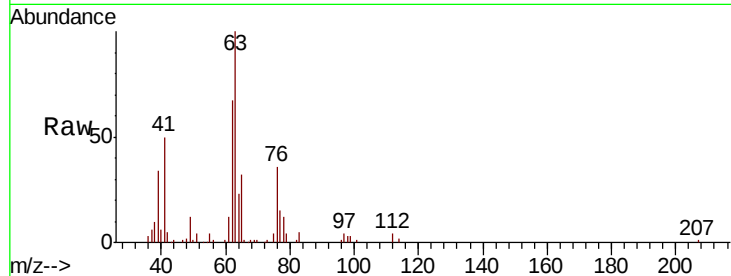
65 31.9 23.9 35.9

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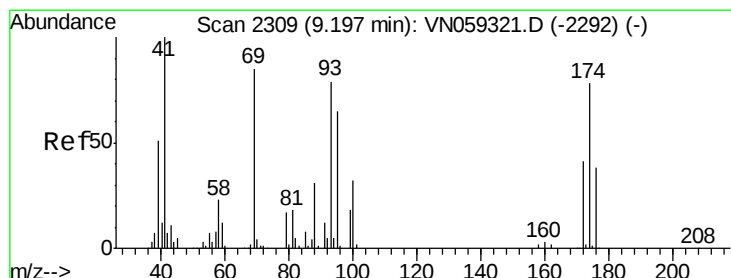
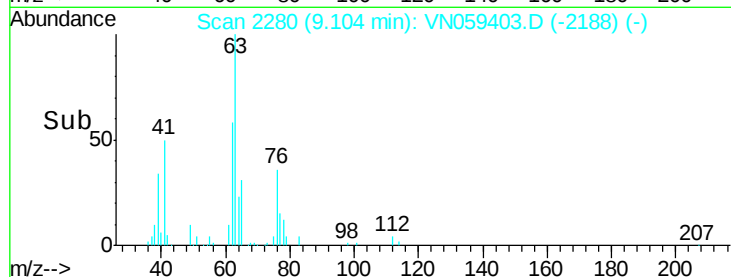
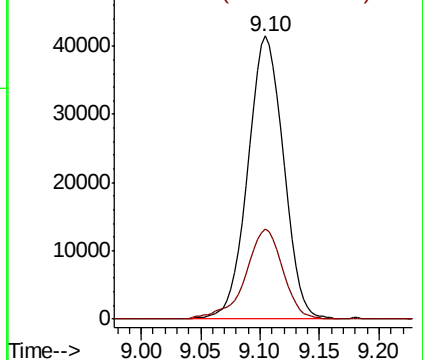
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.912 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

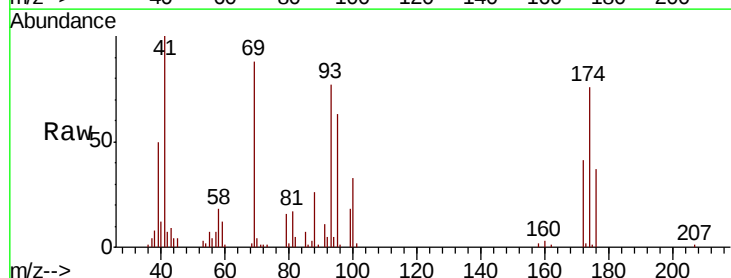
Tgt Ion: 93 Resp: 52483

Ion Ratio Lower Upper

93 100

95 84.7 66.9 100.3

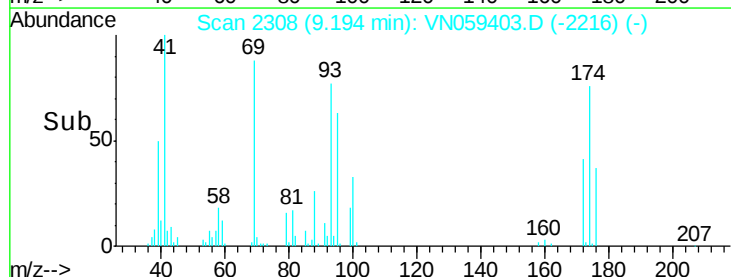
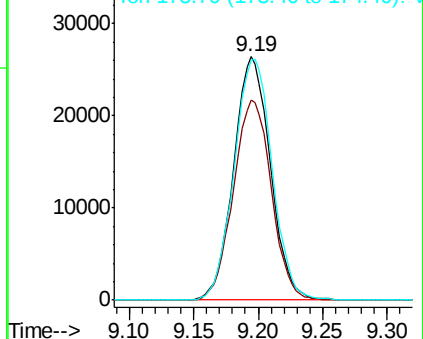
174 102.5 80.6 120.8

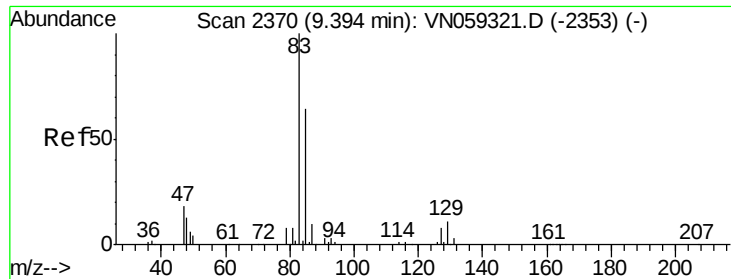


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.111 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

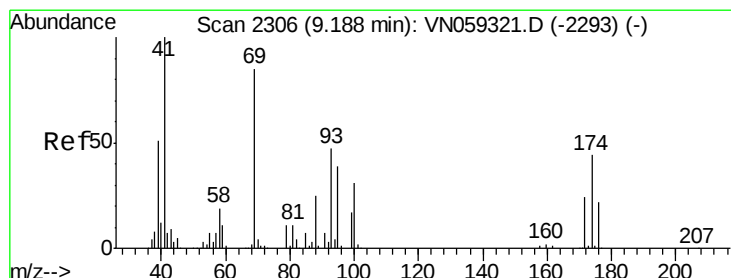
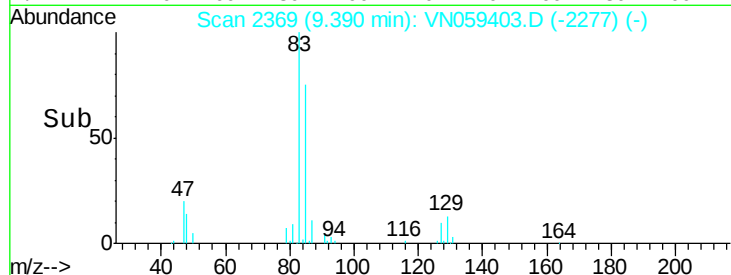
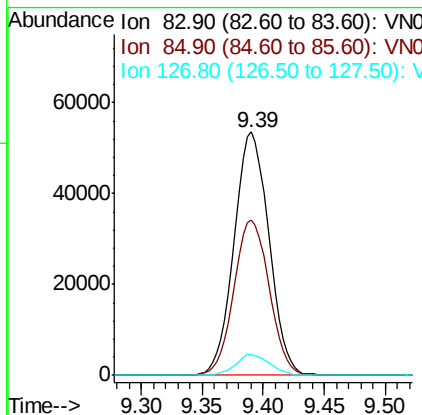
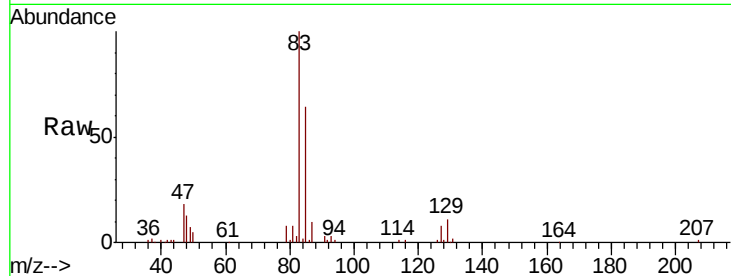
ClientSampleId :

VN1126WBS01

Tot Ion:	83	Resp:	106214
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.5	77.3
127	8.4	6.6	10.0

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#48

Methyl methacrylate

Concen: 18.077 ug/l

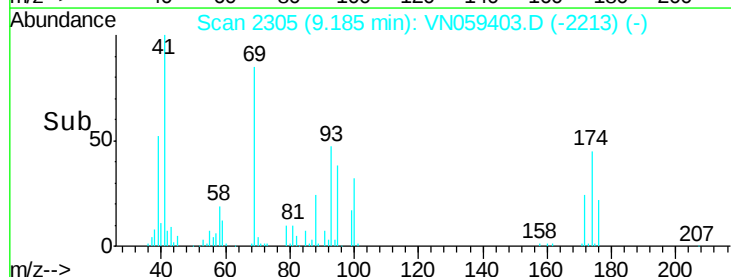
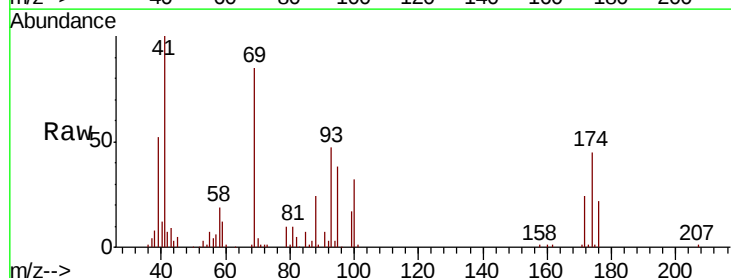
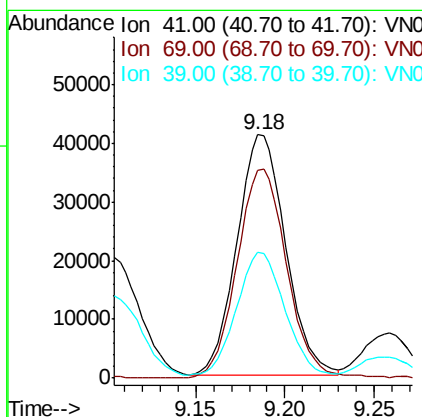
RT: 9.18 min Scan# 2305

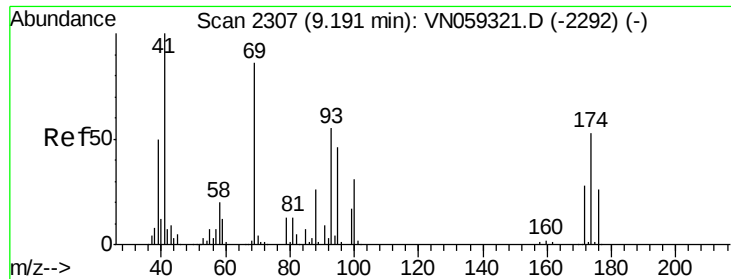
Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Tgt Ion:	41	Resp:	78053
Ion Ratio	Lower	Upper	
41	100		
69	89.0	68.8	103.2
39	50.2	42.1	63.1





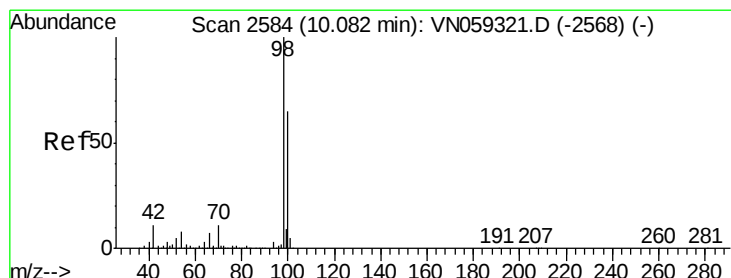
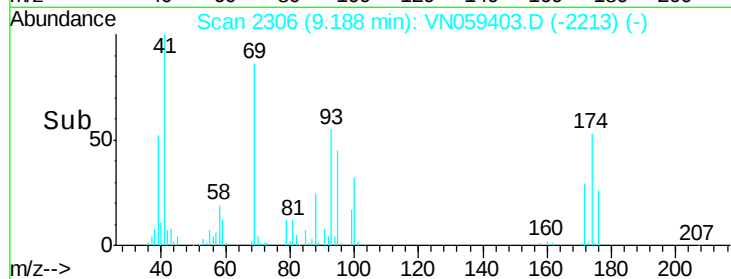
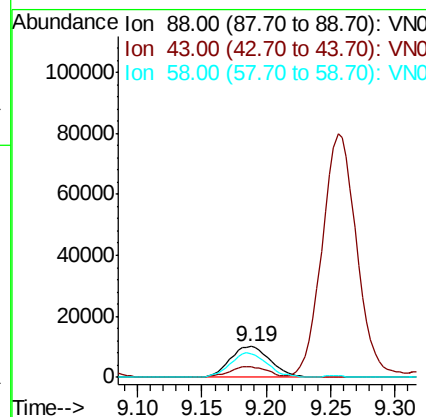
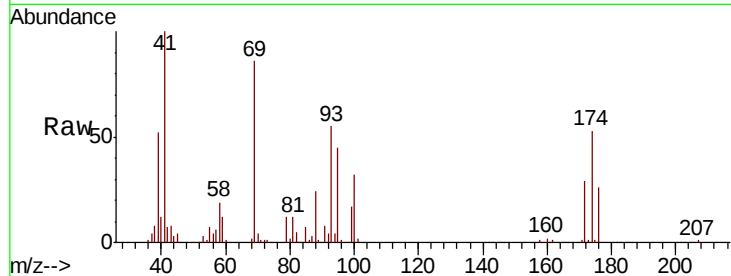
#49
1,4-Dioxane
Concen: 343.208 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	26.9	40.3
58	72.2	59.2	88.8

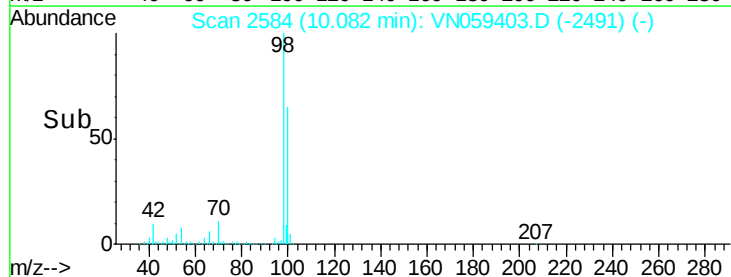
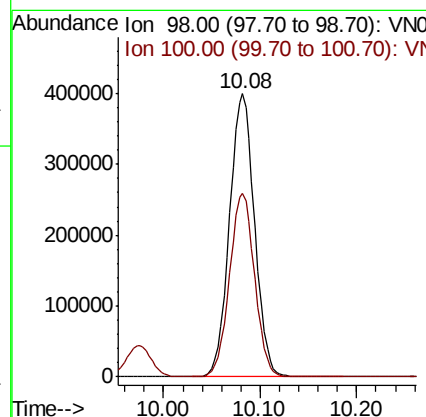
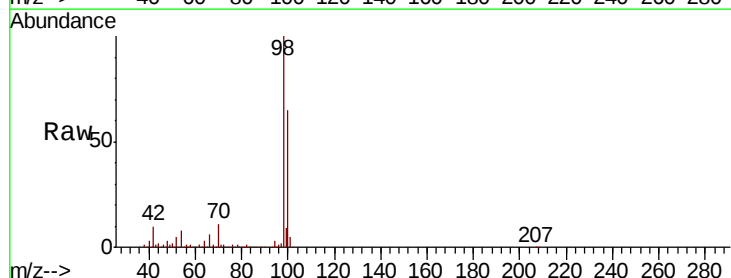
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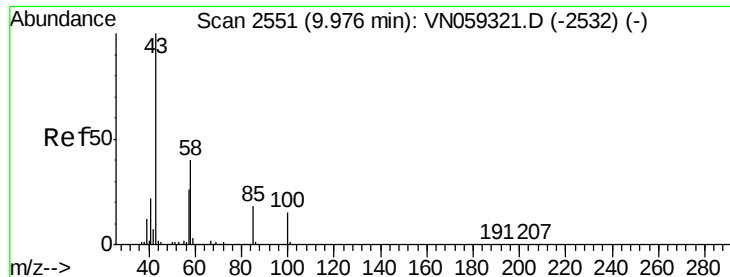
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#50
Toluene-d8
Concen: 53.660 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5





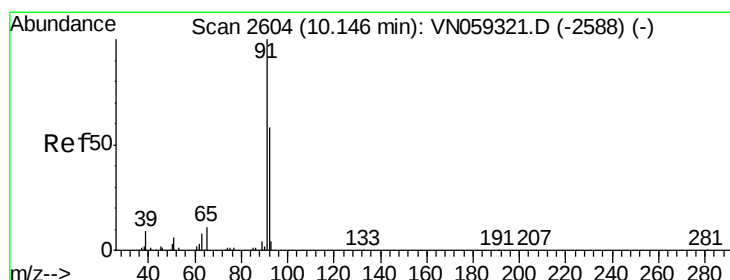
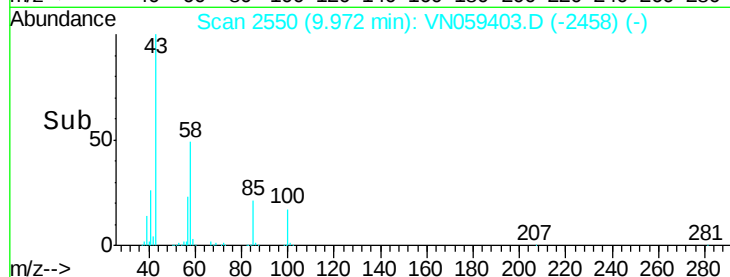
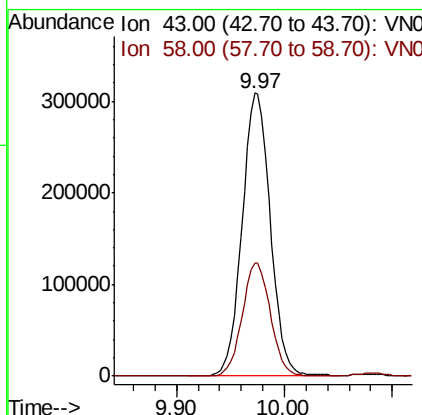
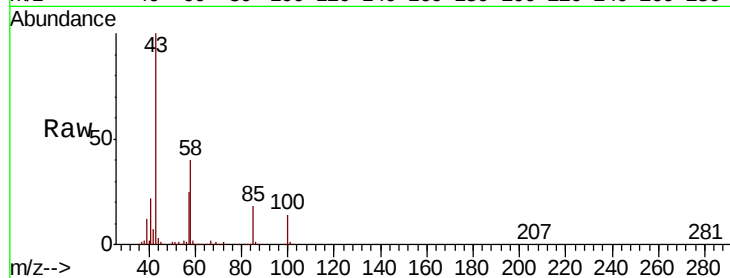
#51
4-Methyl-2-Pentanone
Concen: 100.704 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.8	47.8

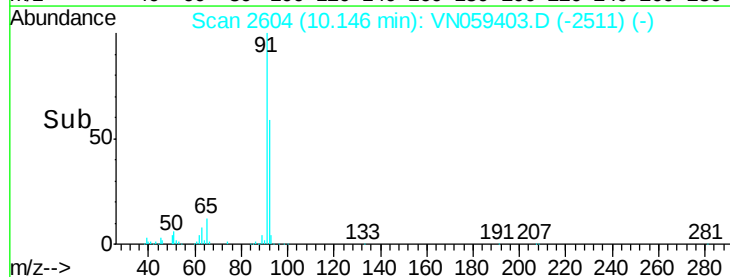
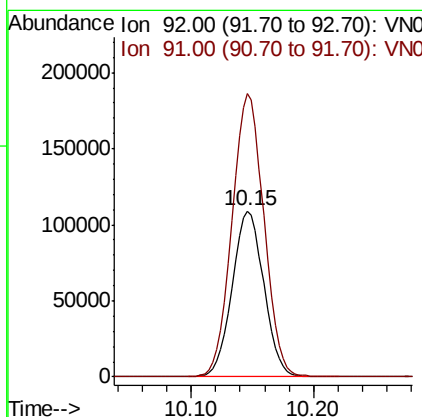
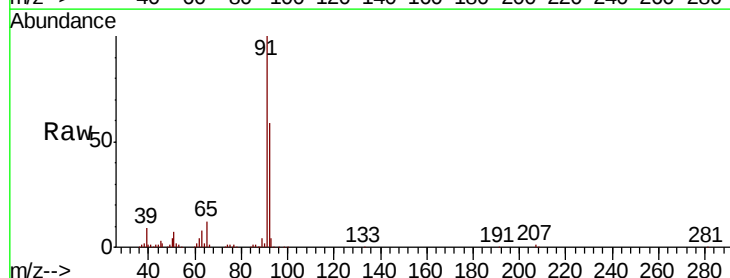
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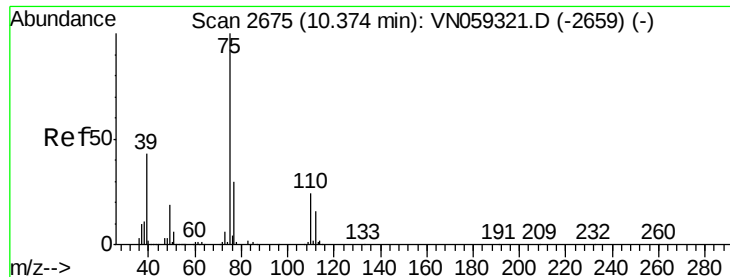
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#52
Toluene
Concen: 19.244 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.0	137.9	206.9





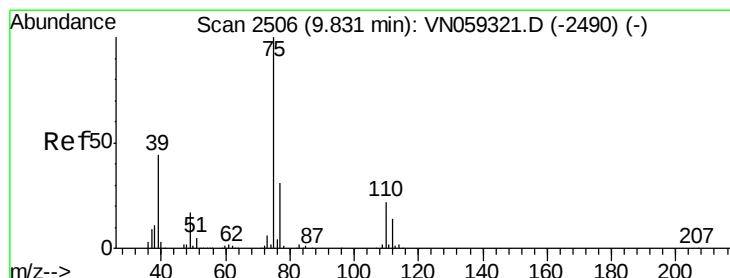
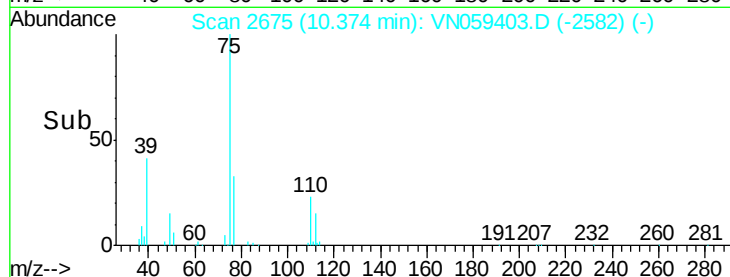
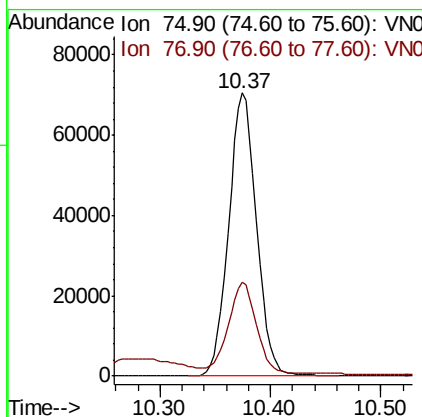
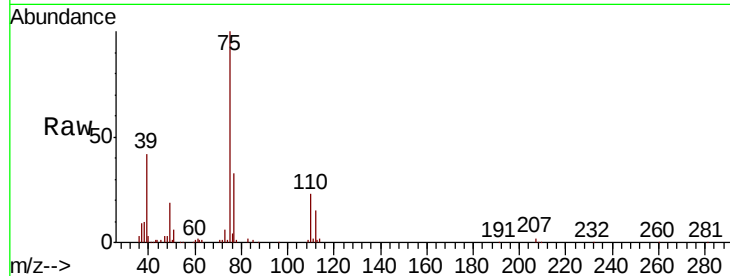
#53
t-1,3-Dichloropropene
Concen: 19.101 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.5	38.3

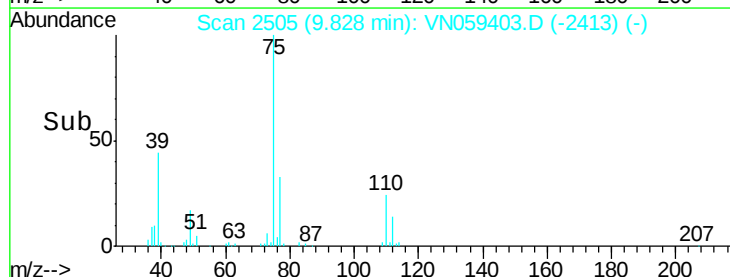
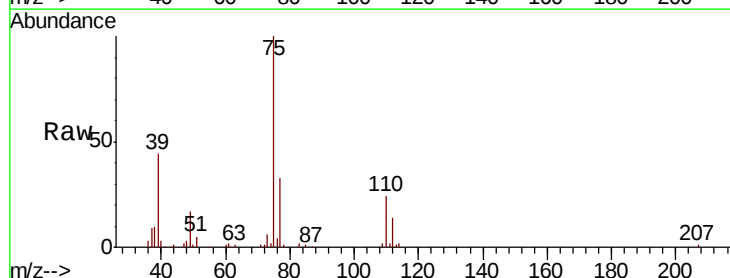
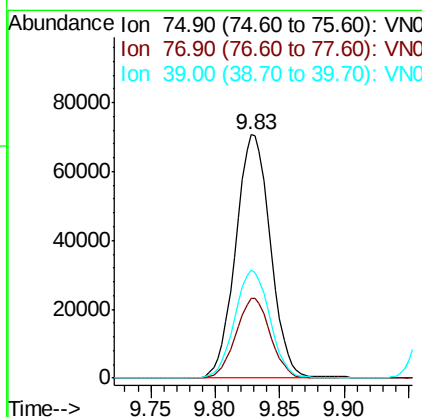
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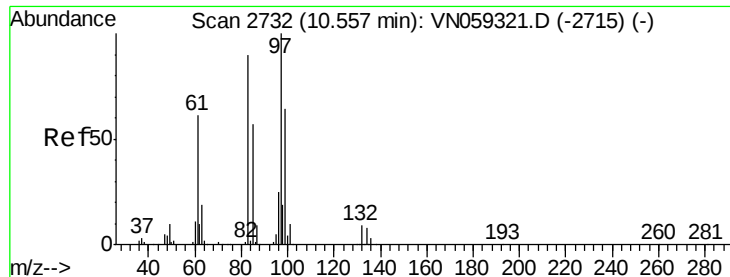
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#54
cis-1,3-Dichloropropene
Concen: 18.928 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.0	37.4
39	44.2	35.5	53.3





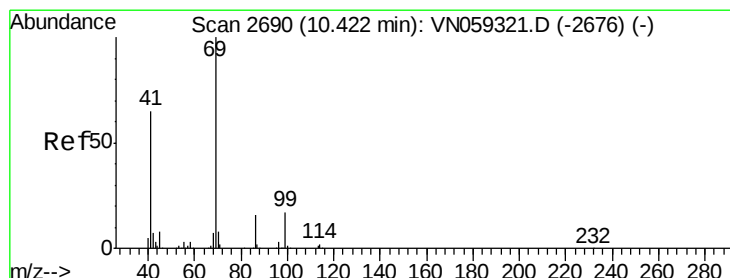
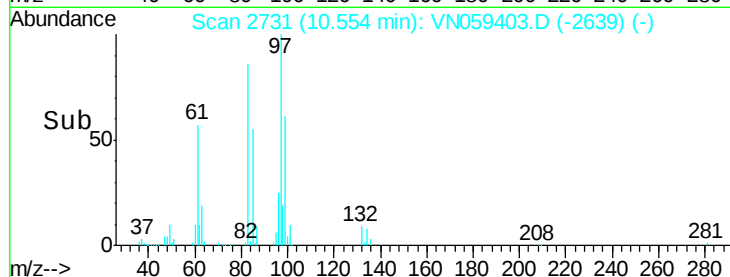
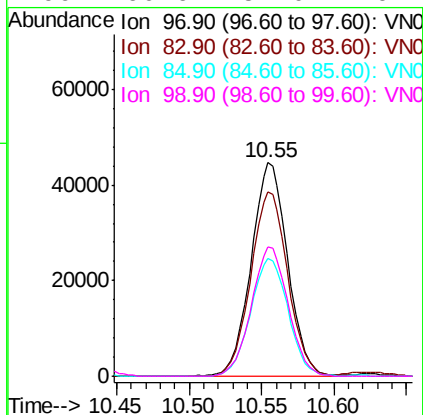
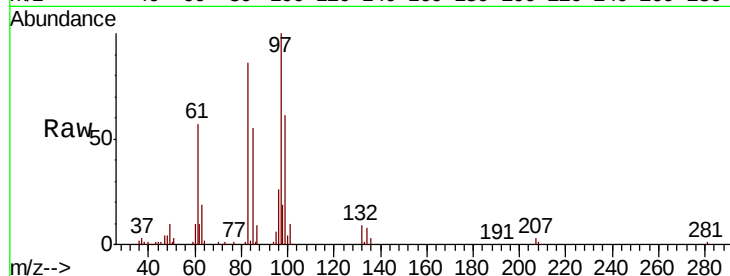
#55
 1,1,2-Trichloroethane
 Concen: 19.704 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Tot Ion:	97	Resp:	78158
Ion	Ratio	Lower	Upper
97	100		
83	86.4	72.0	108.0
85	55.2	45.8	68.6
99	60.6	51.0	76.4

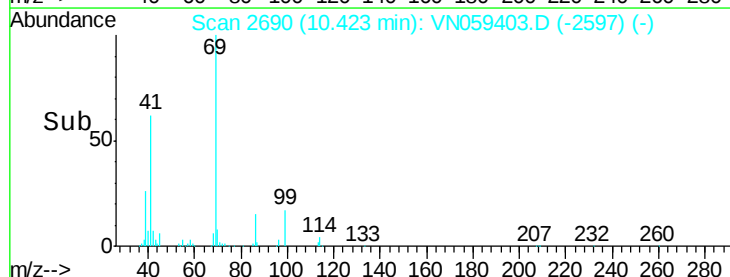
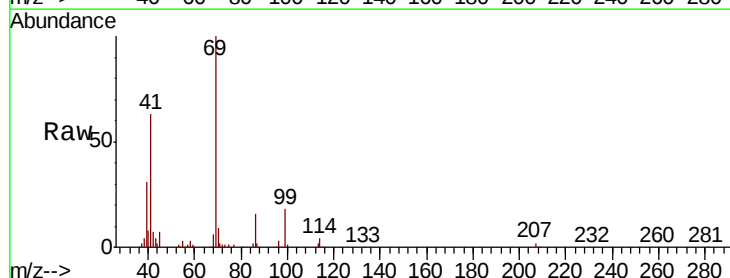
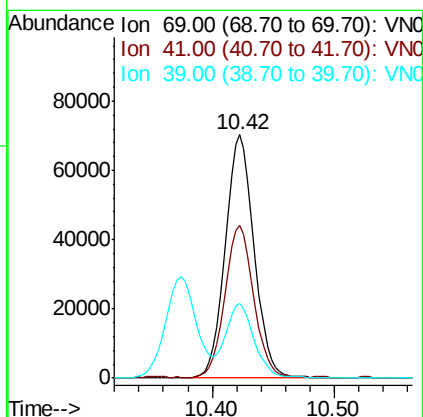
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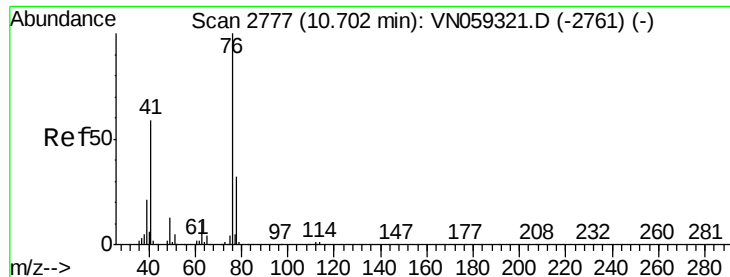
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#56
 Ethyl methacrylate
 Concen: 18.795 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion:	69	Resp:	116327
Ion	Ratio	Lower	Upper
69	100		
41	62.1	51.7	77.5
39	30.3	25.2	37.8





#57

1,3-Dichloropropane

Concen: 19.503 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tot Ion: 76 Resp: 134834

Ion Ratio Lower Upper

76 100

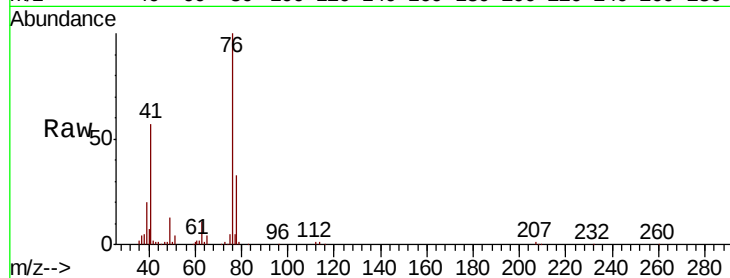
78 32.6 26.0 39.0

Manual Integrations

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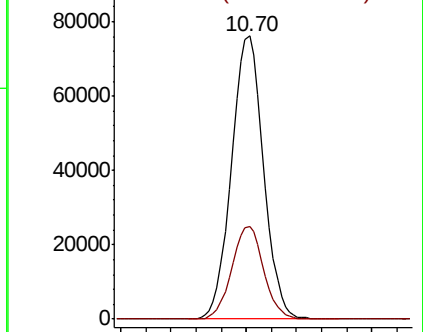
apatel

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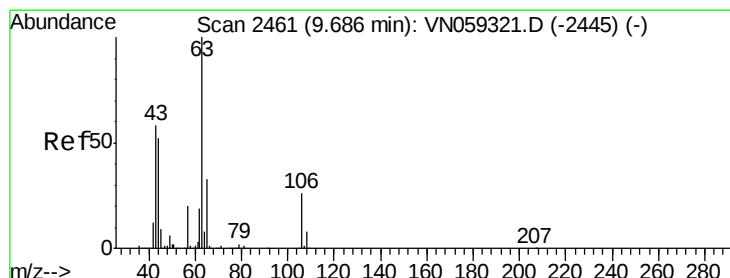
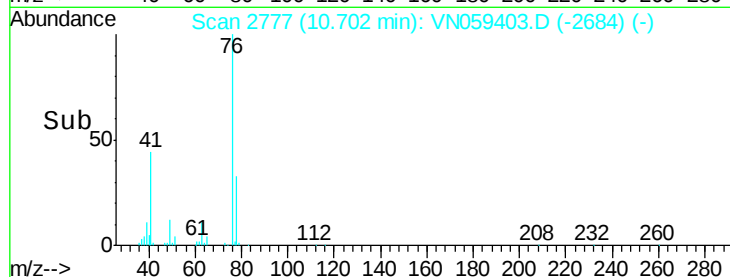


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 92.824 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059403.D

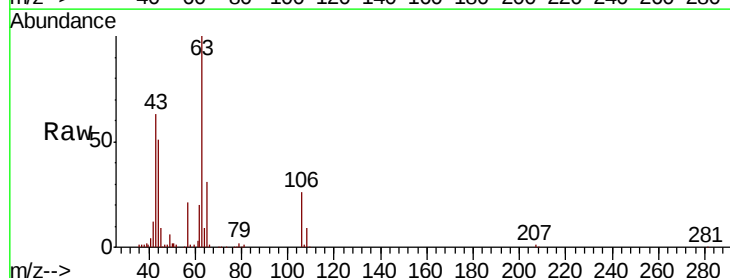
Acq: 26 Nov 2019 14:02

Tgt Ion: 63 Resp: 189496

Ion Ratio Lower Upper

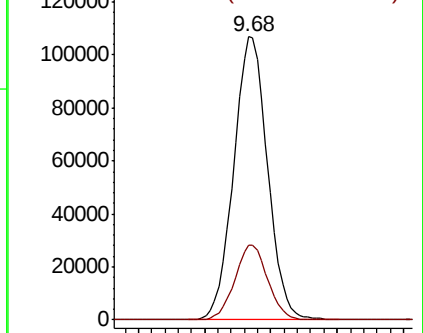
63 100

106 25.7 20.5 30.7

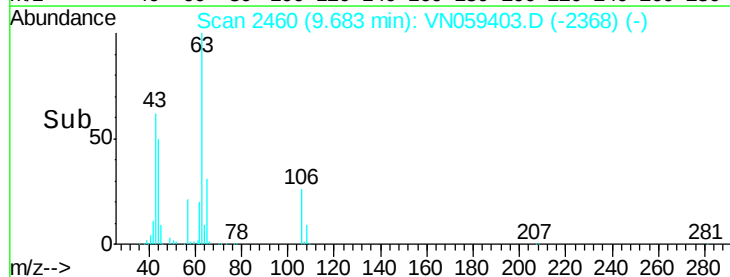


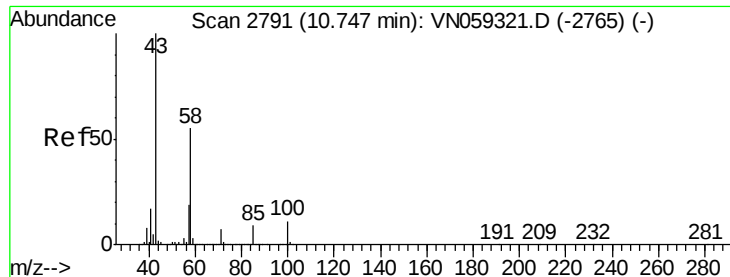
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time--> 9.60 9.65 9.70 9.75





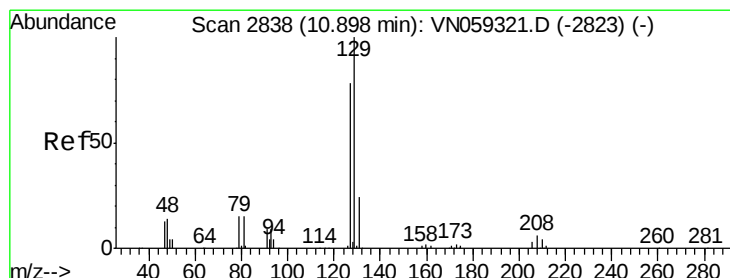
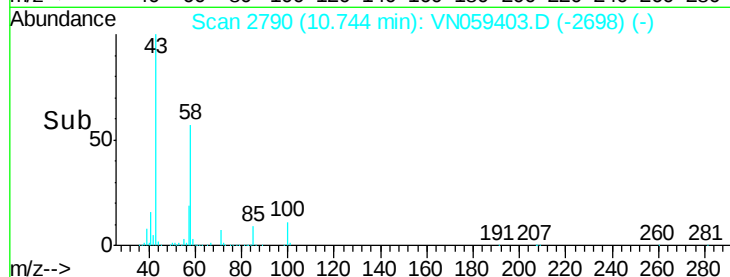
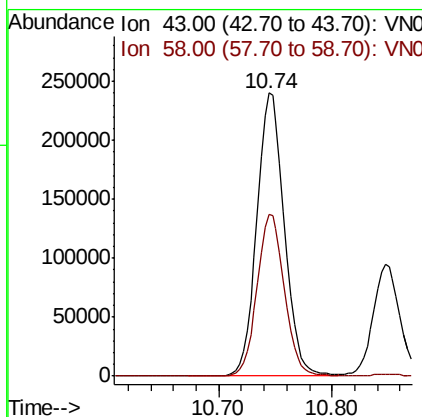
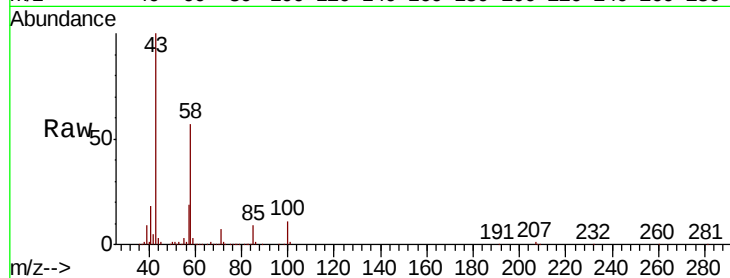
#59
2-Hexanone
Concen: 99.371 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.8	27.7	83.0

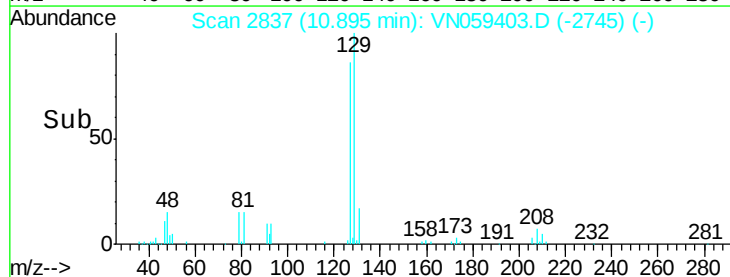
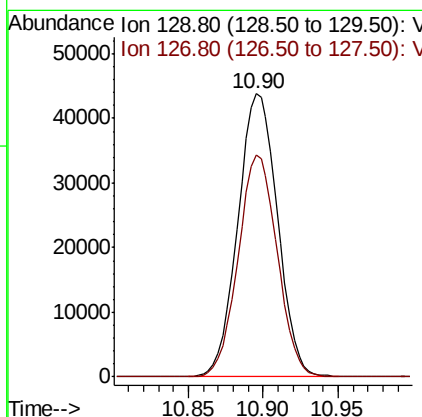
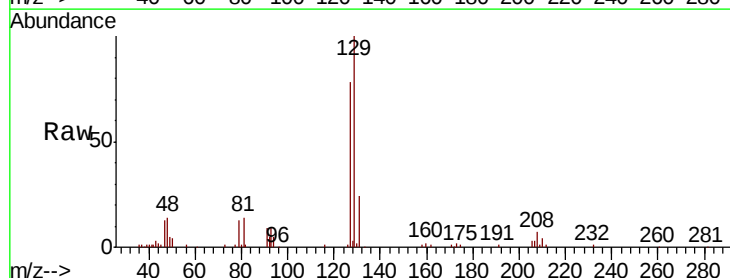
Manual Integrations
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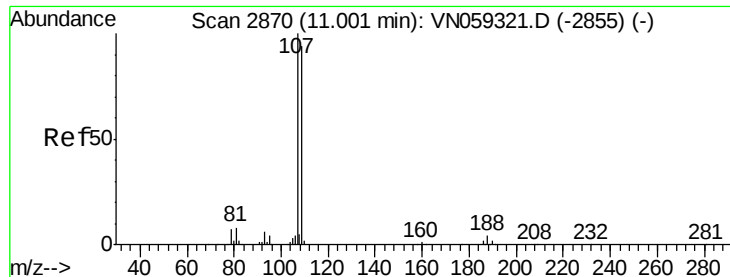
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#60
Dibromochloromethane
Concen: 19.330 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.5	115.5





#61

1,2-Dibromoethane

Concen: 19.015 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tot Ion: 107 Resp: 78482

Ion Ratio Lower Upper

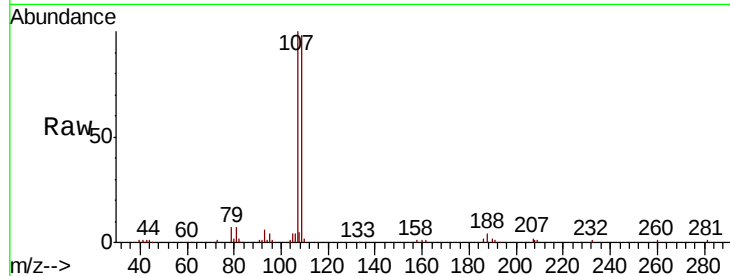
107 100

109 95.7 75.4 113.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

40000

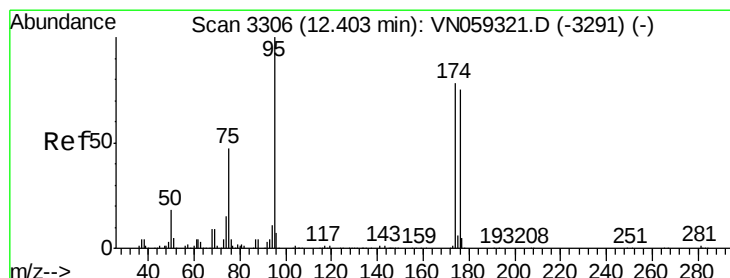
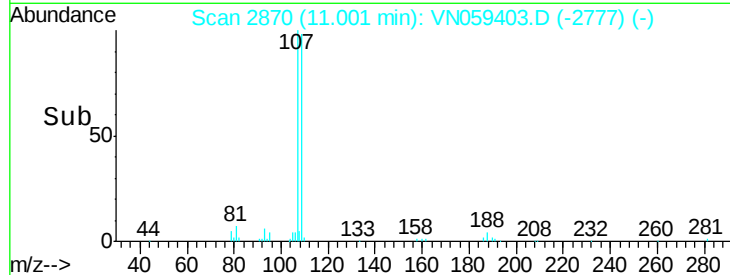
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.210 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

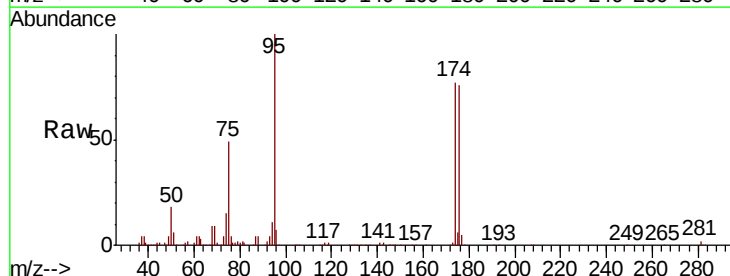
Tgt Ion: 95 Resp: 253155

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.4

176 77.2 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

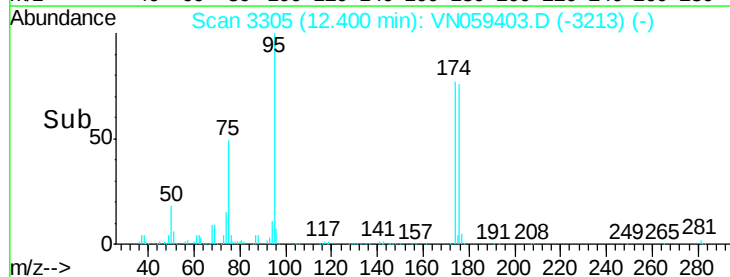
150000

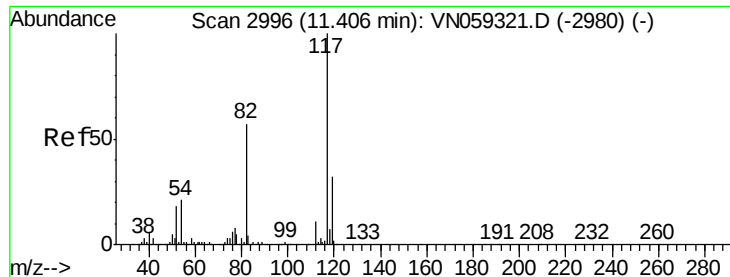
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

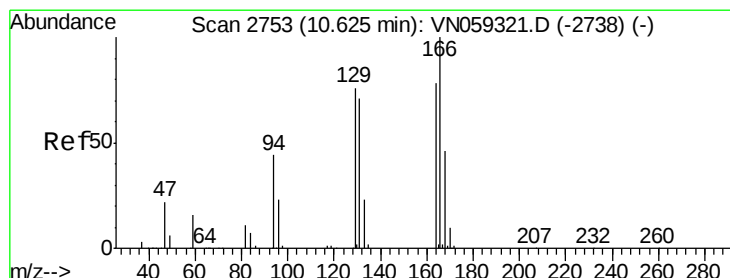
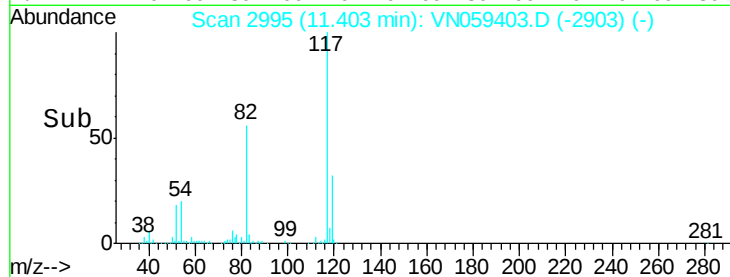
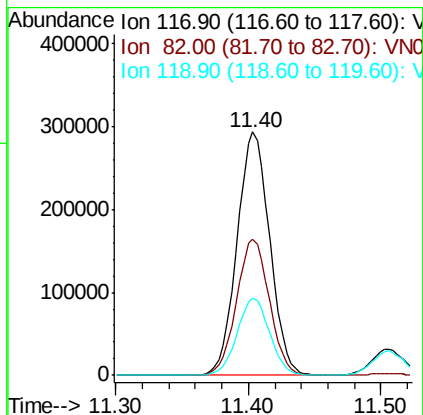
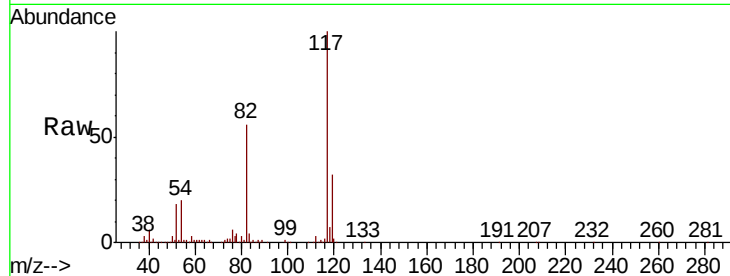
ClientSampleId :

VN1126WBS01

Tot Ion:	117	Resp:	503185
Ion Ratio	Lower	Upper	
117	100		
82	56.1	45.7	68.5
119	31.9	25.8	38.6

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#64

Tetrachloroethene

Concen: 19.008 ug/l

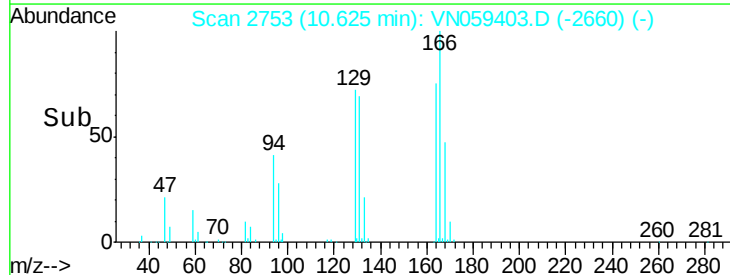
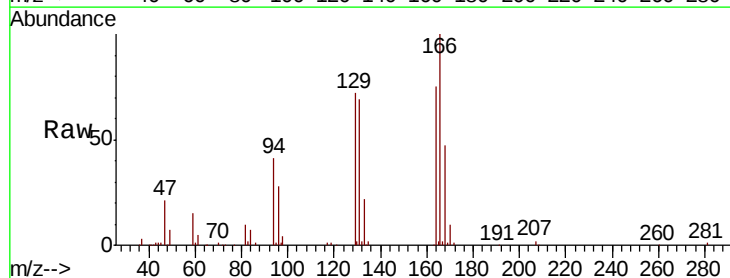
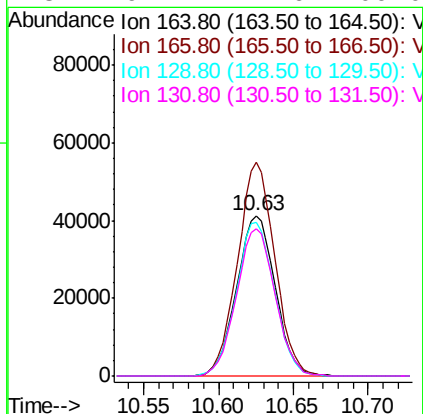
RT: 10.63 min Scan# 2753

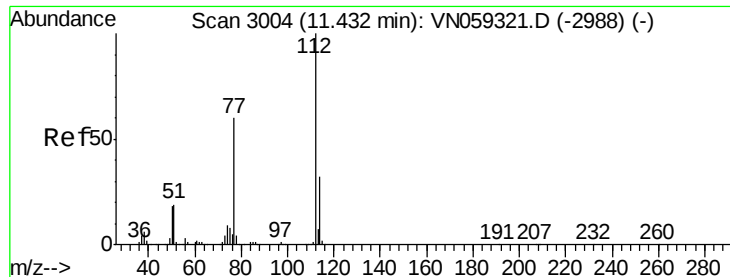
Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Tgt Ion:	164	Resp:	73974
Ion Ratio	Lower	Upper	
164	100		
166	133.1	102.9	154.3
129	95.9	78.2	117.2
131	92.1	72.6	109.0





#65

Chlorobenzene

Concen: 19.030 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tot Ion:112 Resp: 205899

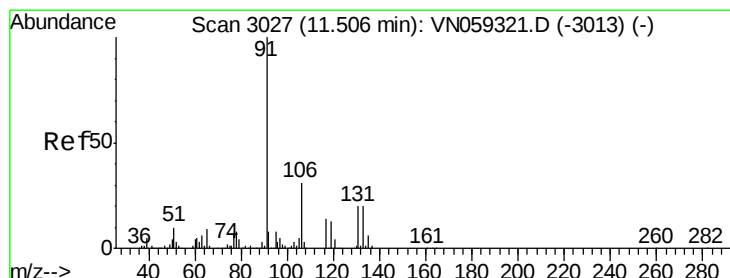
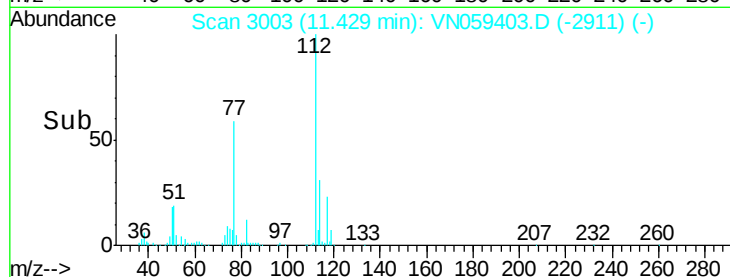
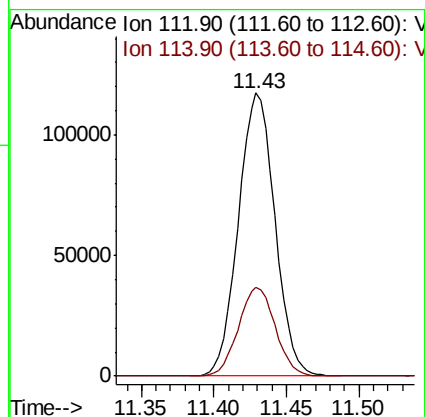
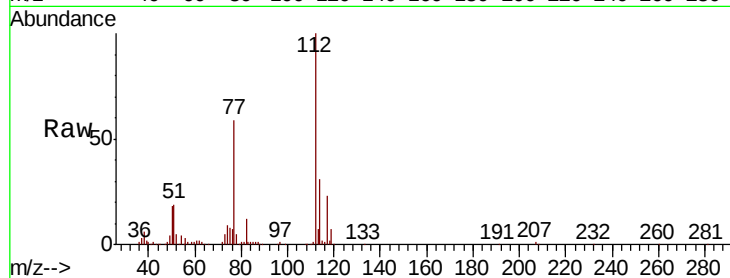
Ion Ratio Lower Upper

112 100

114 31.4 25.8 38.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.383 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

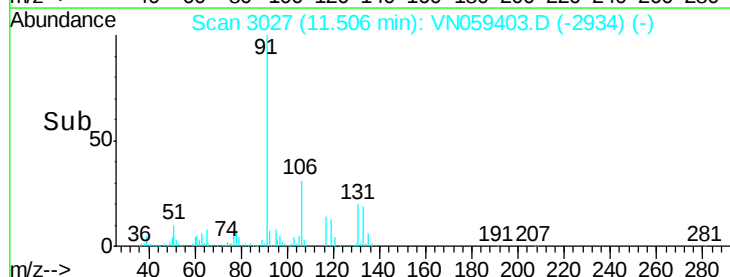
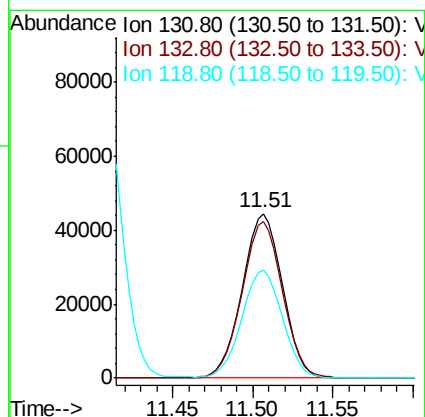
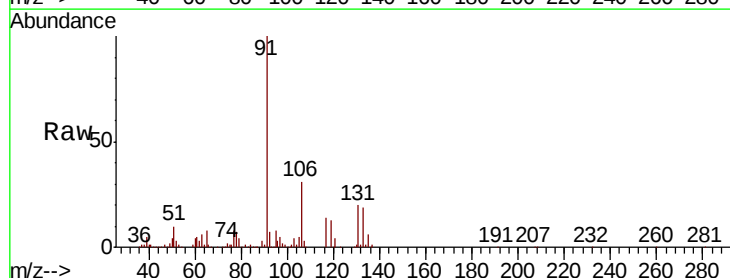
Tgt Ion:131 Resp: 76186

Ion Ratio Lower Upper

131 100

133 96.1 48.2 144.6

119 66.5 33.6 100.6





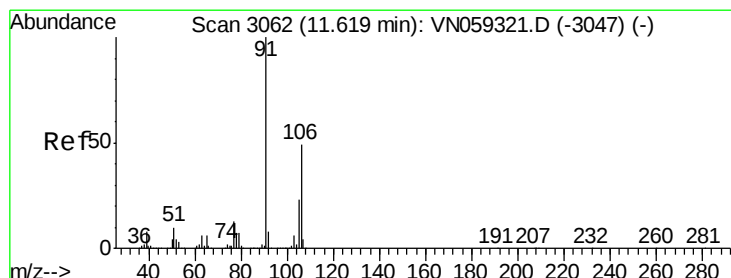
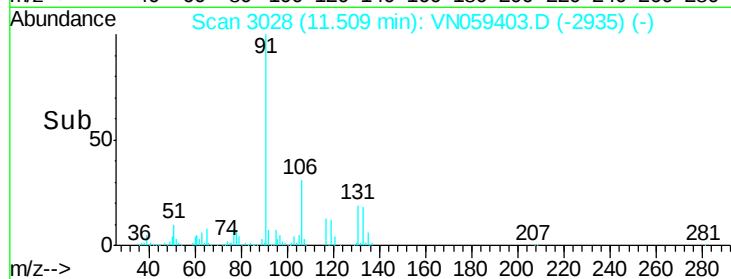
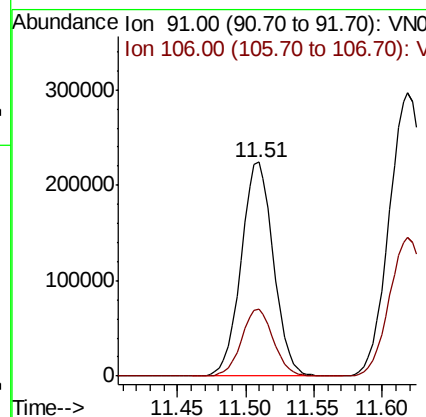
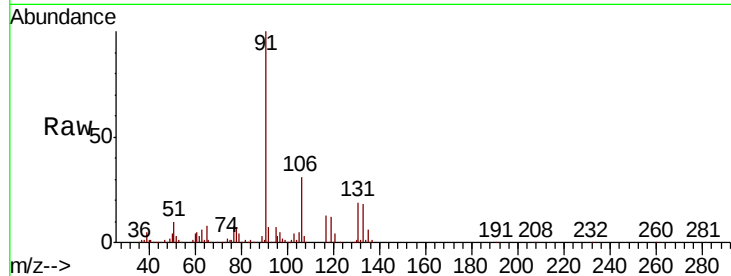
#67
Ethyl Benzene
Concen: 19.067 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion: 91 Resp: 368343
Ion Ratio Lower Upper
91 100
106 31.4 24.6 37.0

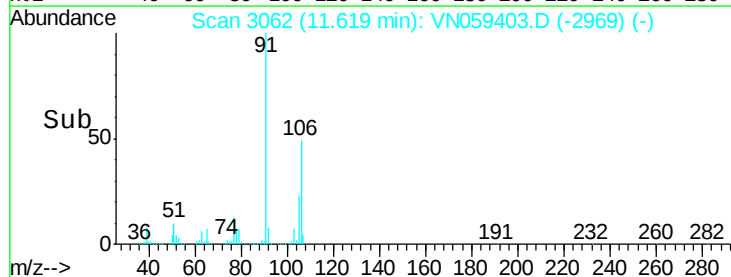
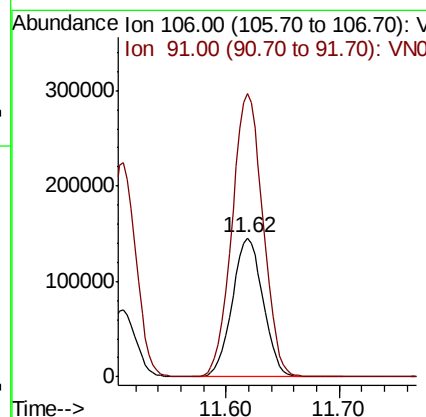
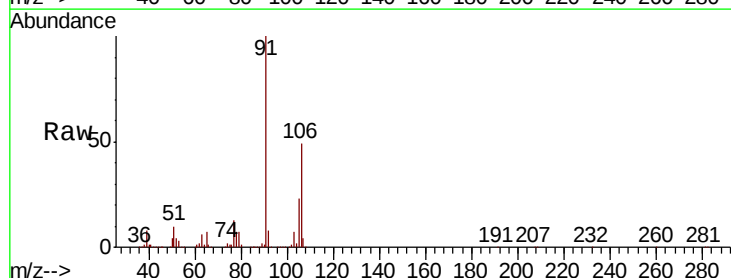
Manual Integrations
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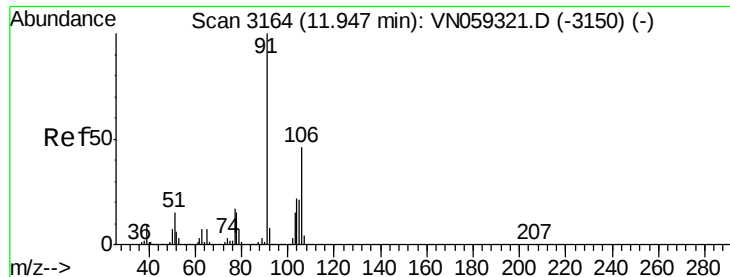
apatel
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#68
m/p-Xylenes
Concen: 38.414 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion: 106 Resp: 275745
Ion Ratio Lower Upper
106 100
91 204.6 163.2 244.8





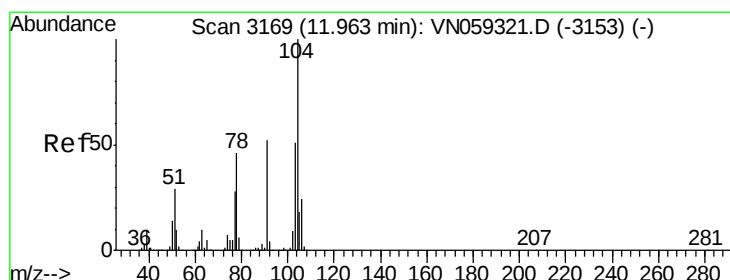
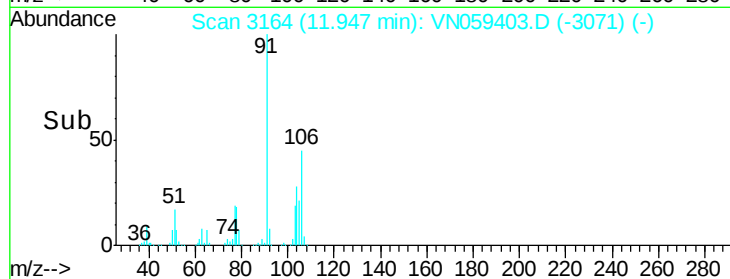
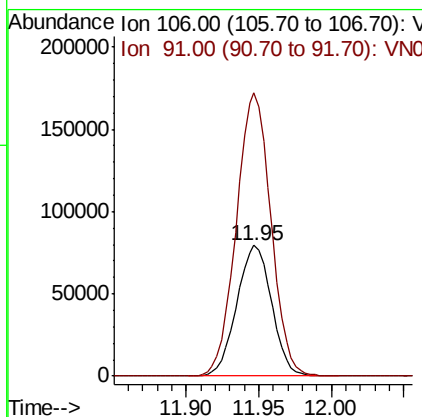
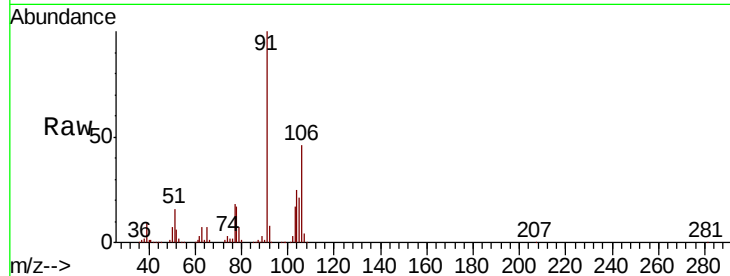
#69
o-Xylene
Concen: 19.307 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.6	109.3	327.9

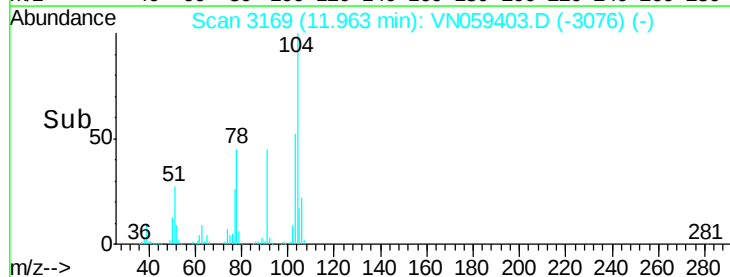
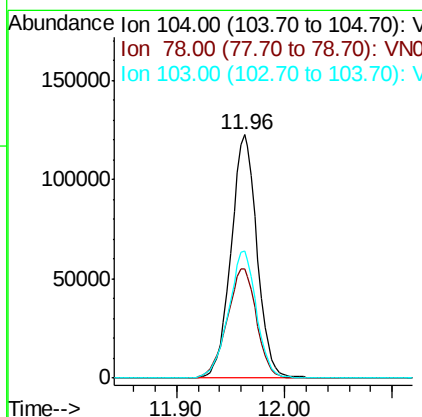
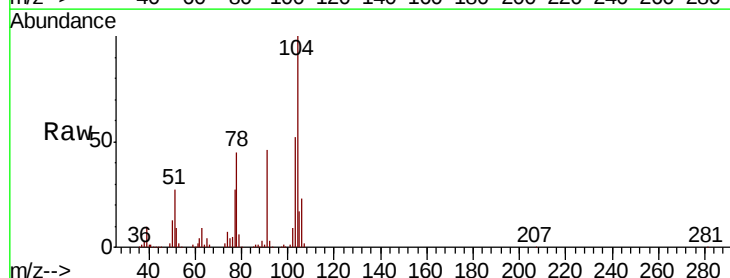
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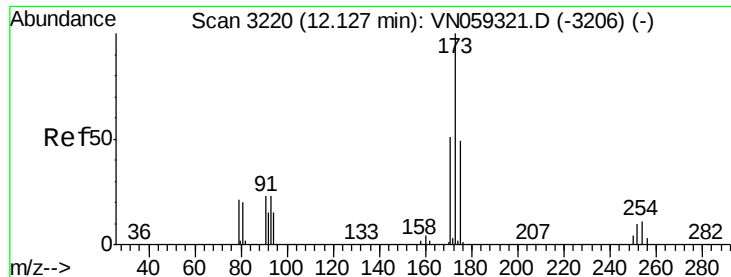
apatel
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#70
Styrene
Concen: 19.026 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.6	40.3	60.5
103	56.1	43.6	65.4





#71

Bromoform

Concen: 19.366 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tot Ion:173 Resp: 57649

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.6

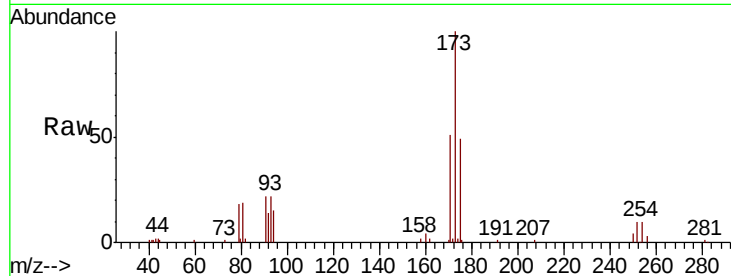
254 0.0 0.1 0.1#

Manual Integrations

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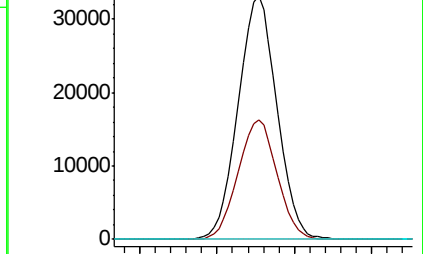
11/27/2019 10:47:23 AM



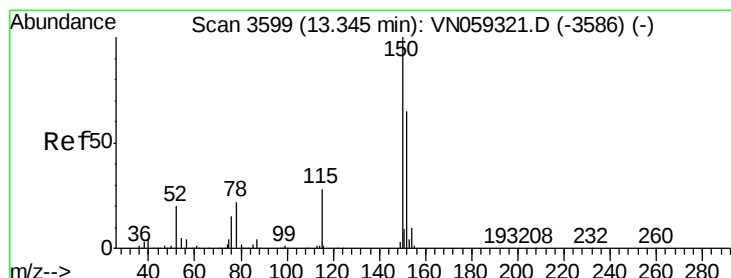
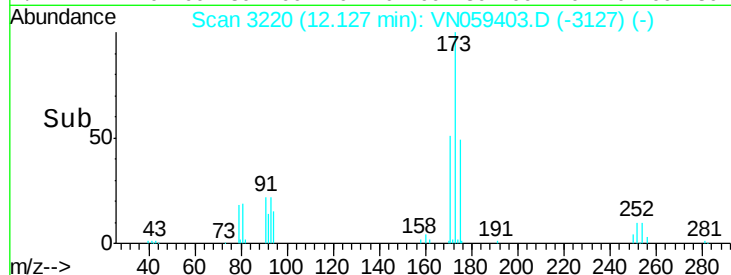
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

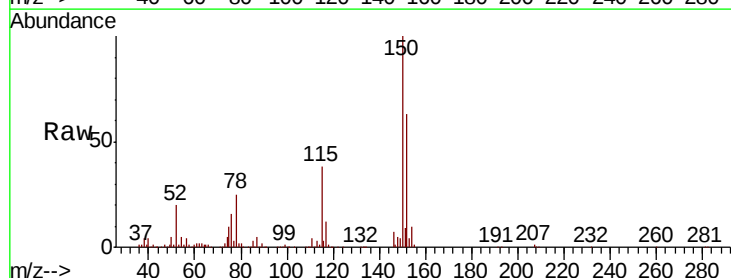
Tgt Ion:152 Resp: 228773

Ion Ratio Lower Upper

152 100

115 59.0 29.3 88.0

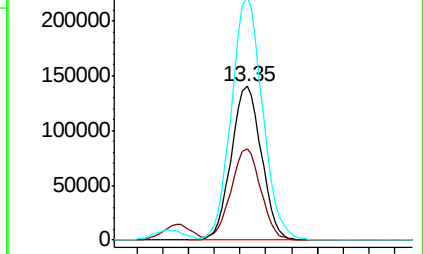
150 162.6 0.0 346.0



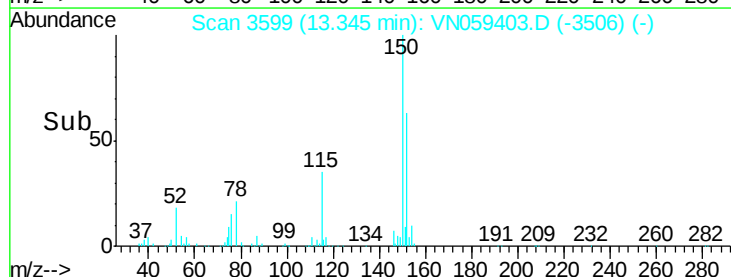
Abundance Ion 151.90 (151.60 to 152.60): V

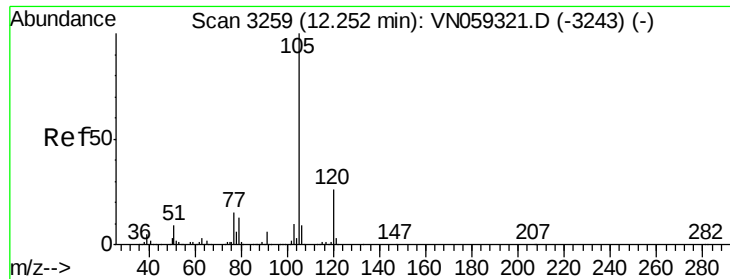
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





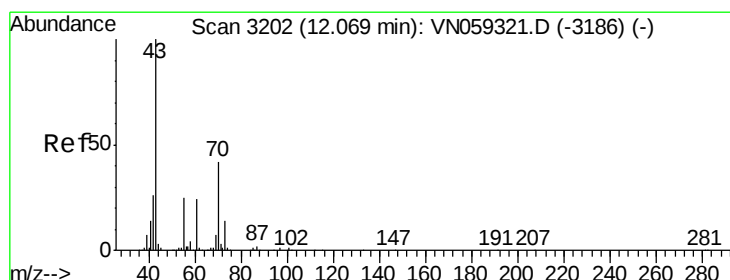
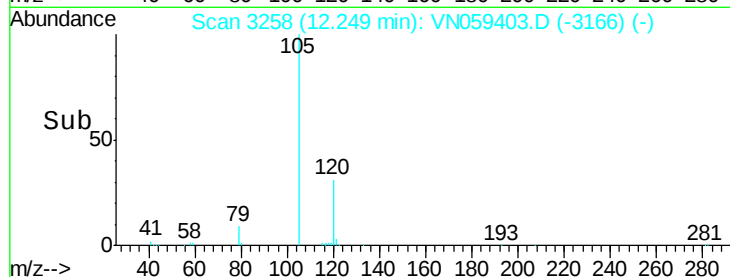
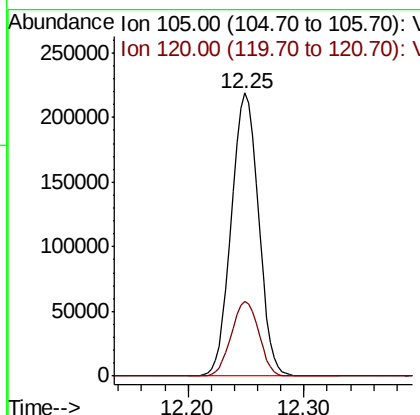
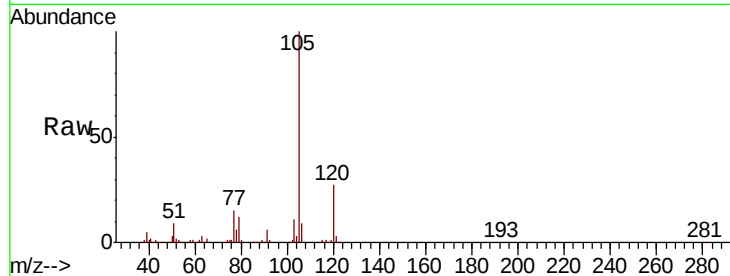
#73
Isopropylbenzene
Concen: 18.885 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.1	39.3

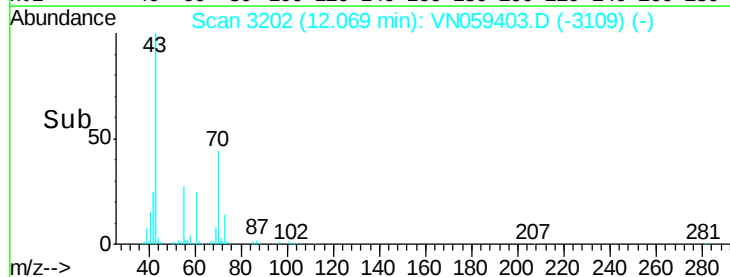
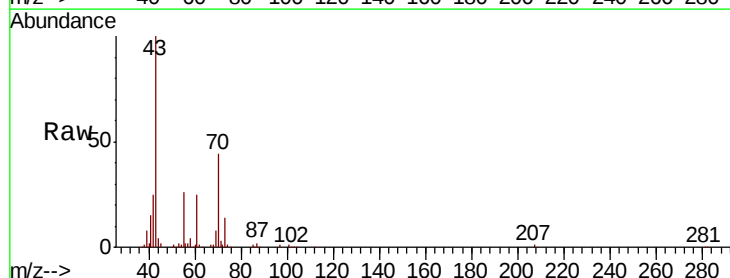
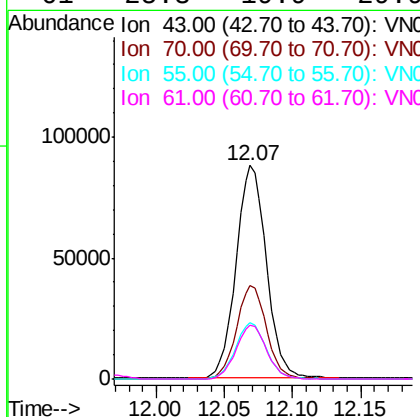
Manual Integrations
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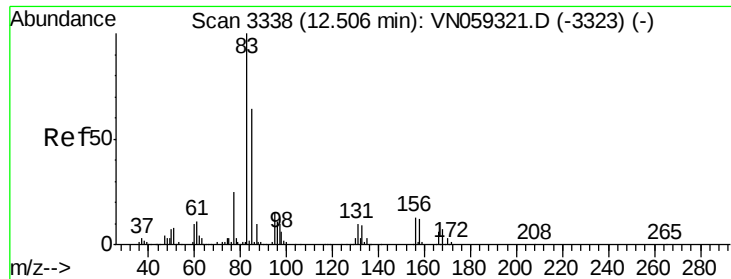
apatel
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#74
N-ethyl acetate
Concen: 18.005 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.7	33.8	50.6
55	27.0	20.3	30.5
61	25.3	19.9	29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.832 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

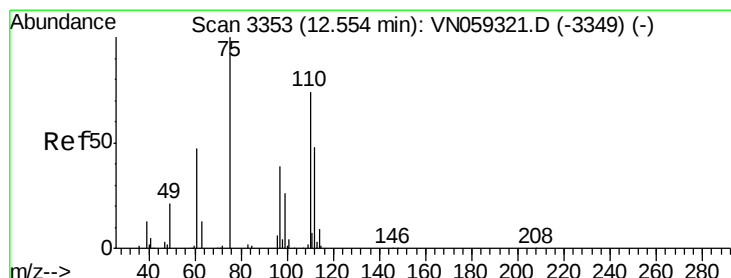
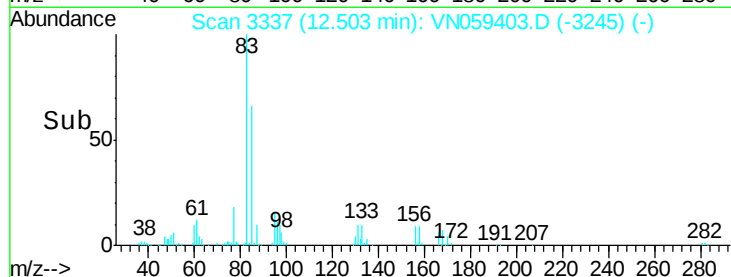
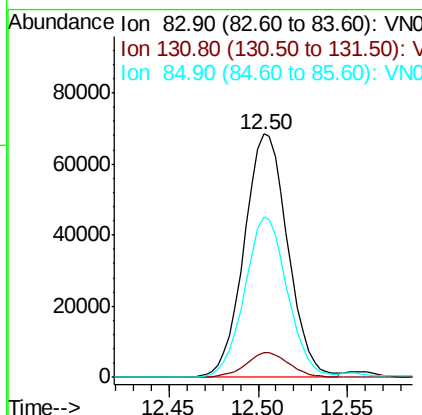
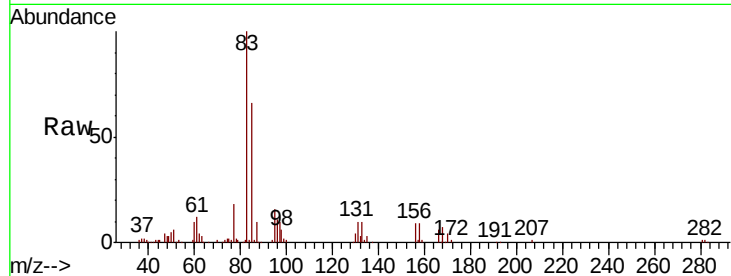
ClientSampleId :

VN1126WBS01

Tot Ion:	83	Resp:	116749
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	14.9
85	64.4	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 21.121 ug/l m

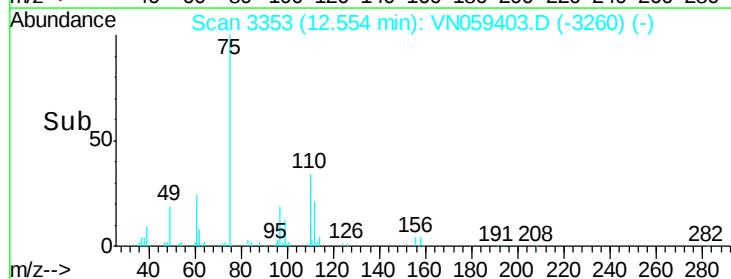
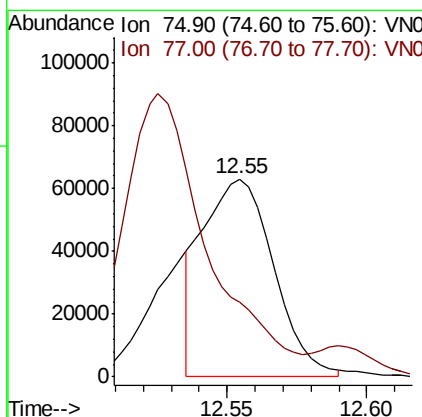
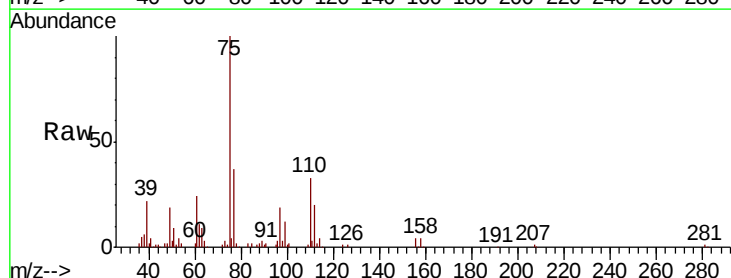
RT: 12.55 min Scan# 3353

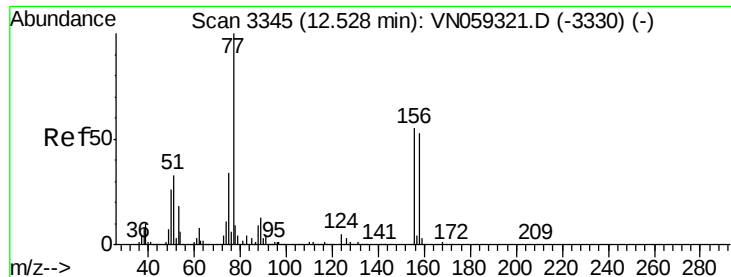
Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Tgt Ion:	75	Resp:	111629
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.873 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

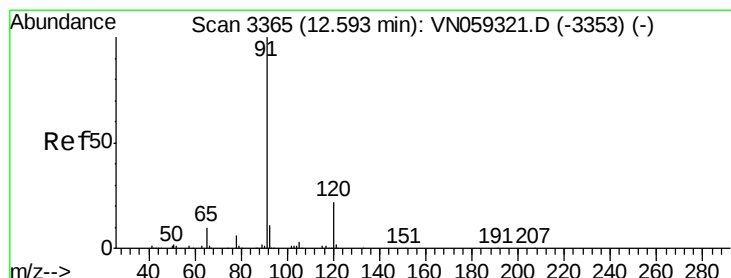
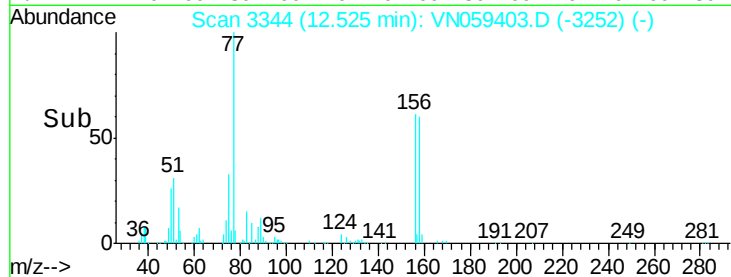
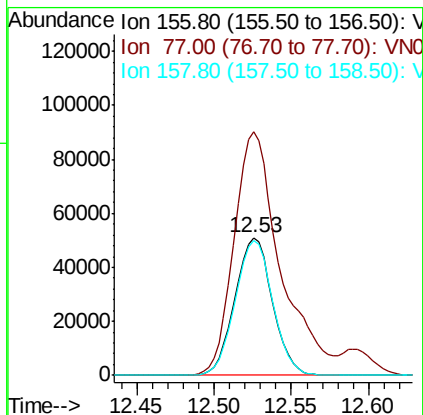
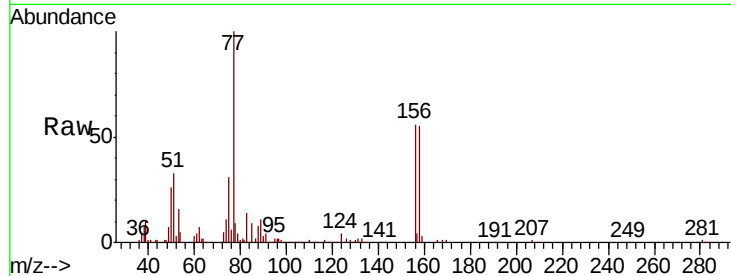
ClientSampleId :

VN1126WBS01

Tot Ion:	156	Resp:	85791
Ion Ratio	Lower	Upper	
156	100		
77	219.1	111.1	333.4
158	98.2	47.8	143.4

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#78

n-propylbenzene

Concen: 19.142 ug/l

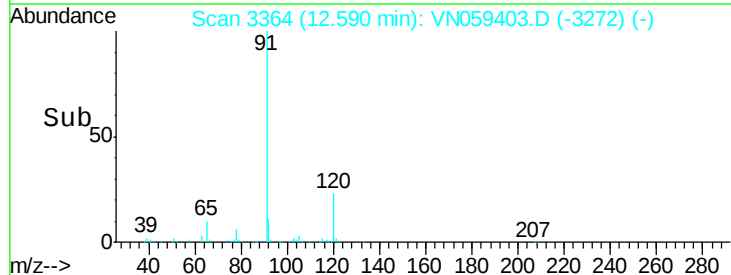
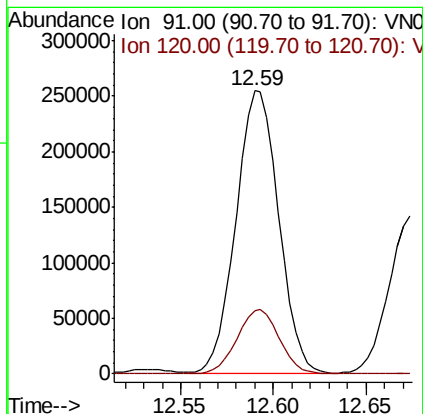
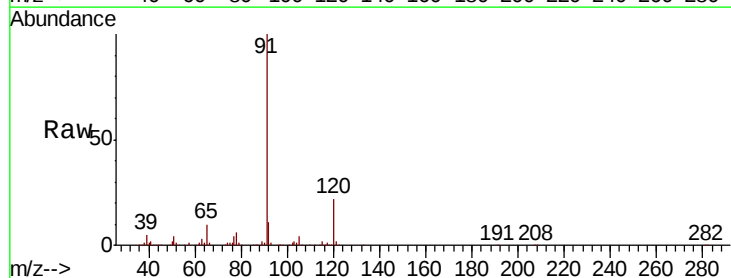
RT: 12.59 min Scan# 3364

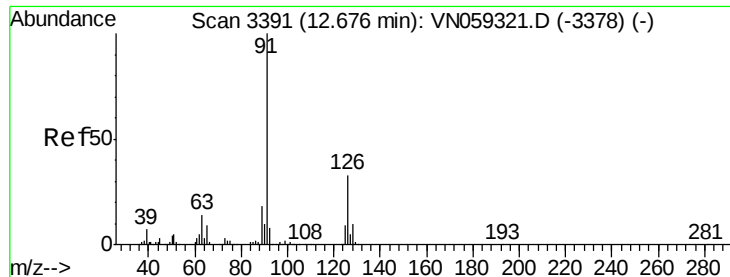
Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Tgt Ion:	91	Resp:	406359
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.3	33.9





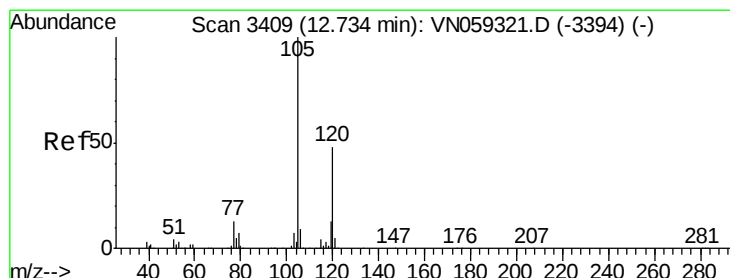
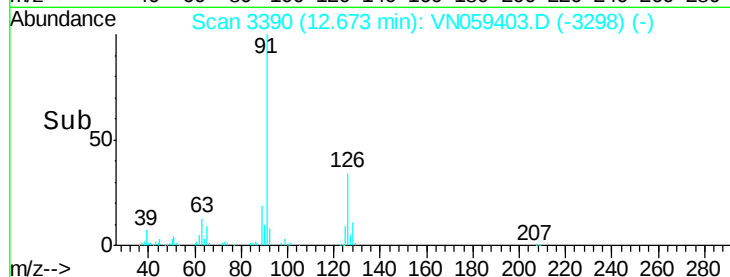
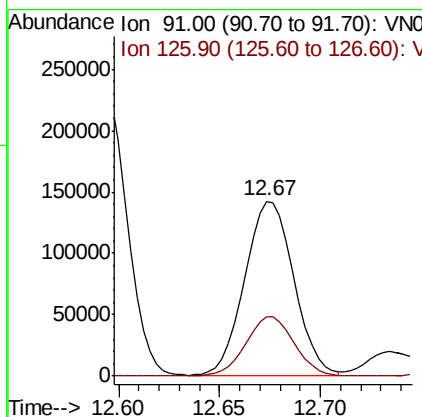
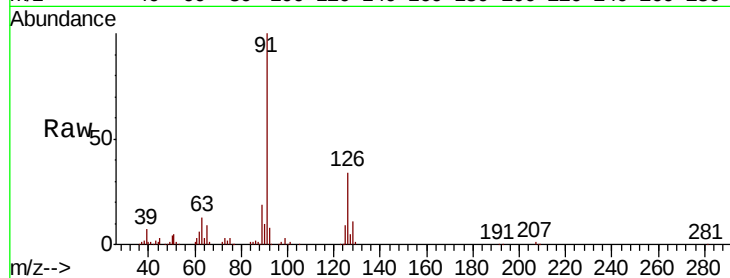
#79
 2-Chlorotoluene
 Concen: 18.567 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Tot Ion: 91 Resp: 241926
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.7 50.1

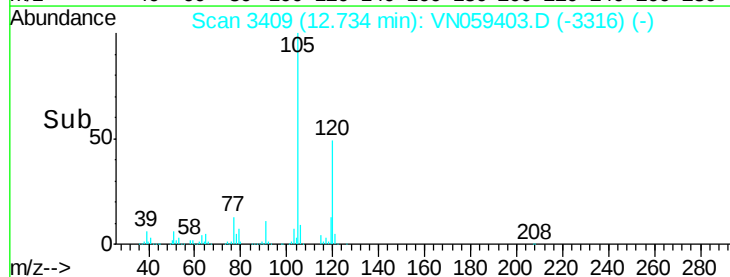
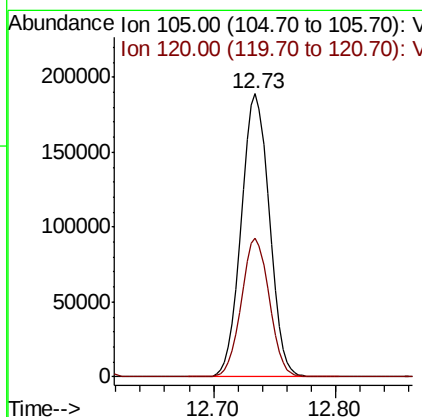
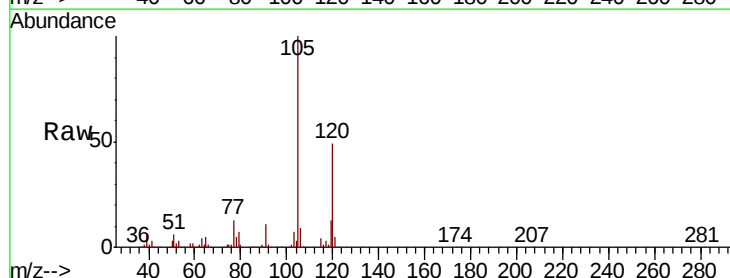
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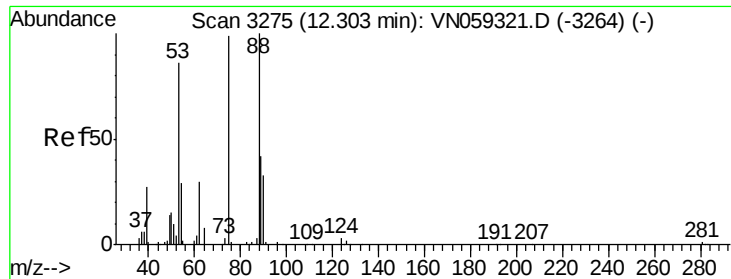
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.017 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion: 105 Resp: 299595
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.4





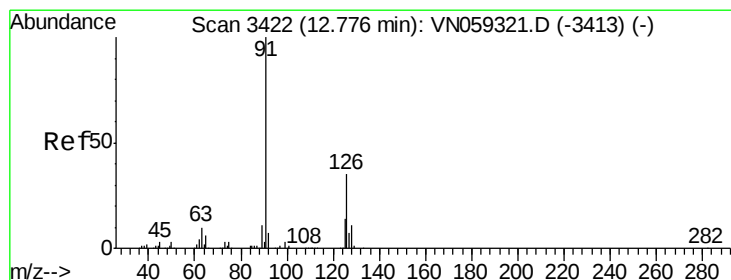
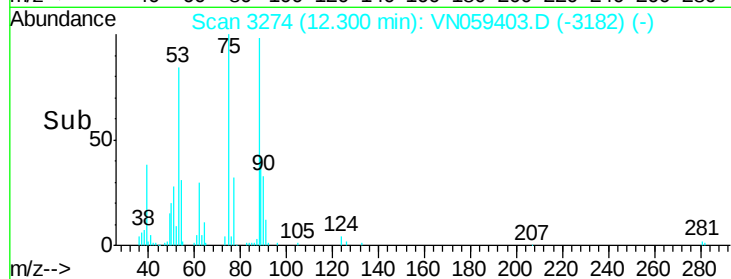
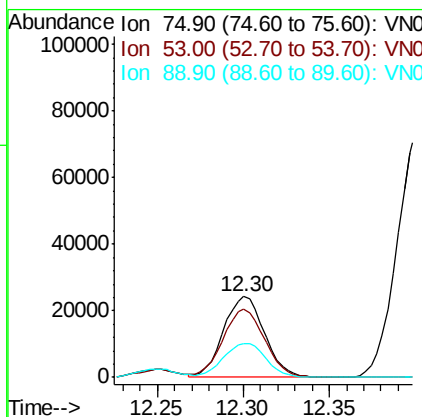
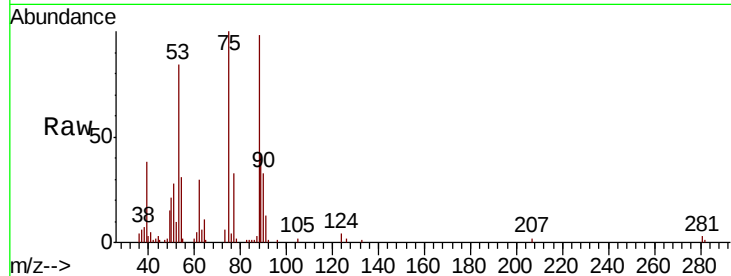
#81
trans-1,4-Dichloro-2-butene
Concen: 19.112 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.0	70.7	106.1
89	43.5	35.4	53.0

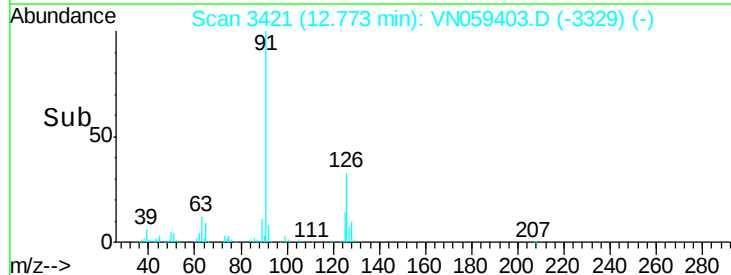
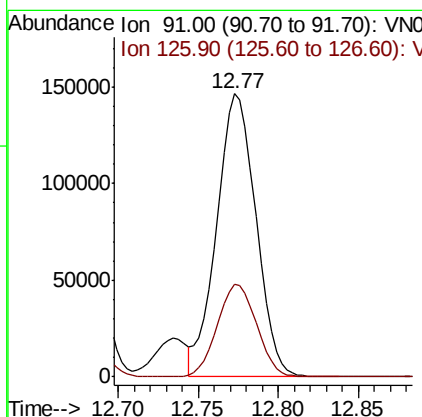
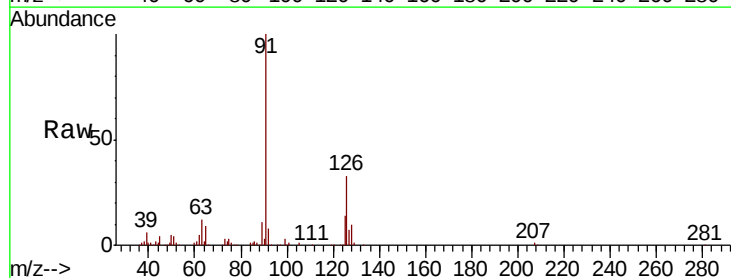
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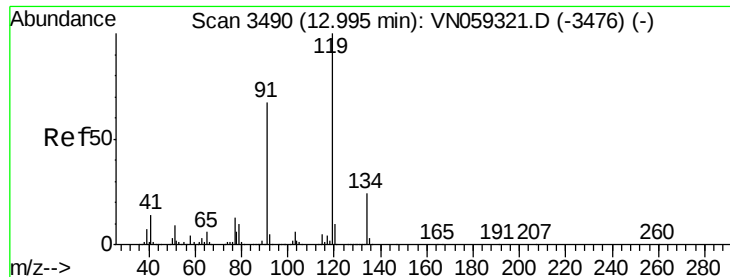
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#82
4-Chlorotoluene
Concen: 18.211 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.2	48.6





#83

tert-Butylbenzene

Concen: 19.568 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

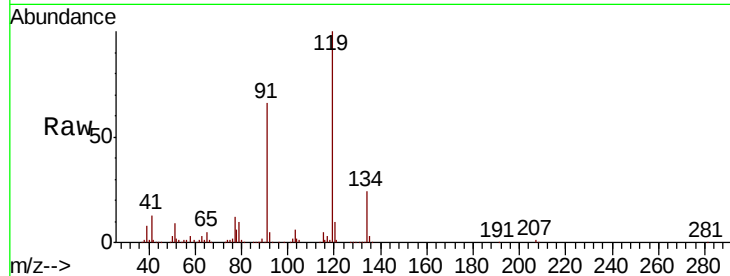
ClientSampleId :

VN1126WBS01

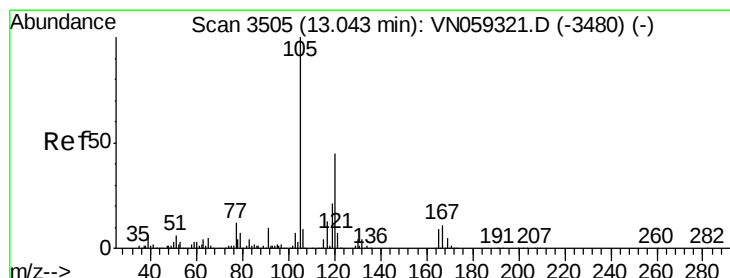
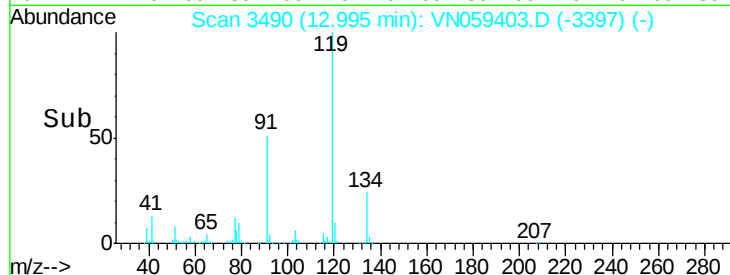
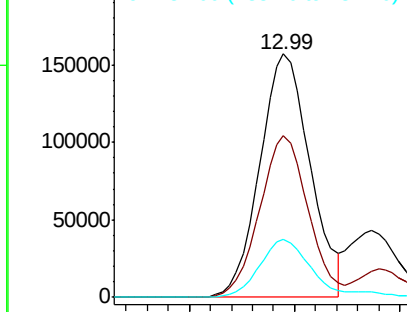
Tot Ion:	119	Resp:	260360
Ion Ratio		Lower	Upper
119	100		
91	64.2	32.8	98.4
134	25.2	13.0	38.9

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.953 ug/l

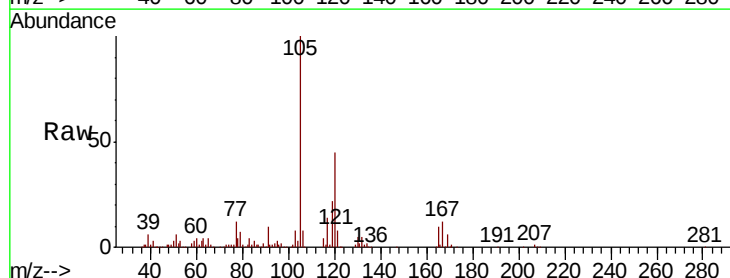
RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

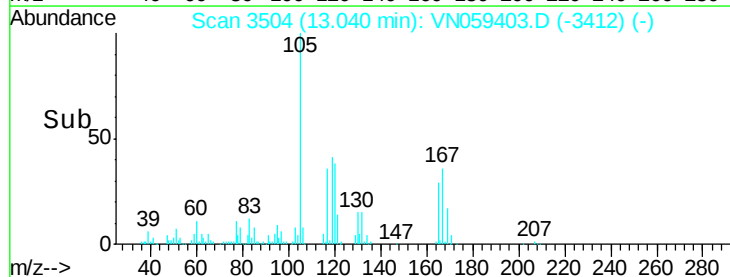
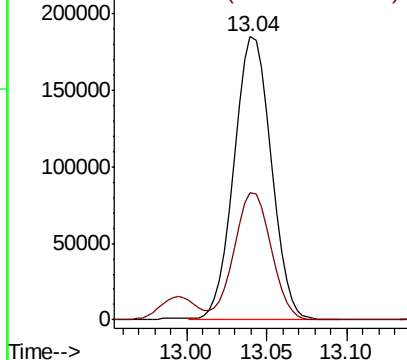
Lab File: VN059403.D

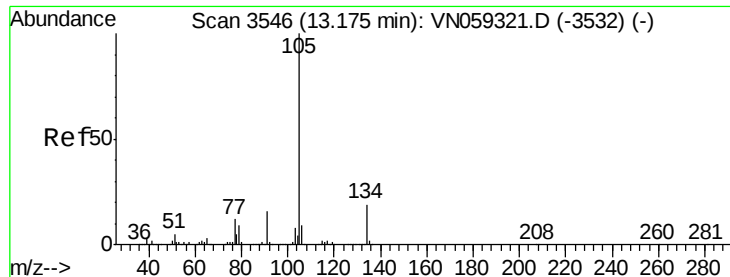
Acq: 26 Nov 2019 14:02

Tgt Ion:	105	Resp:	292487
Ion Ratio		Lower	Upper
105	100		
120	44.9	22.6	67.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.163 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

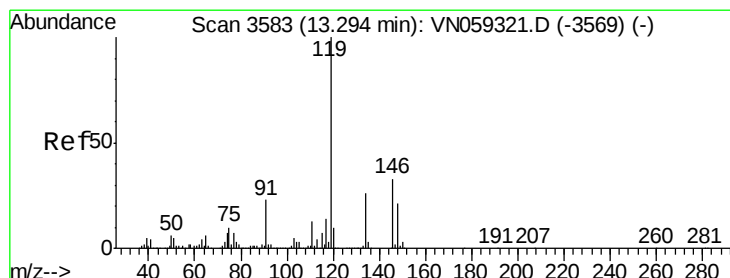
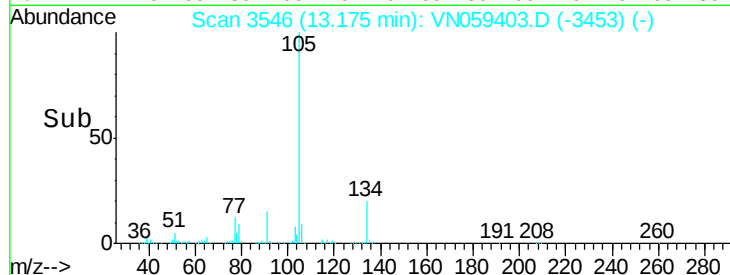
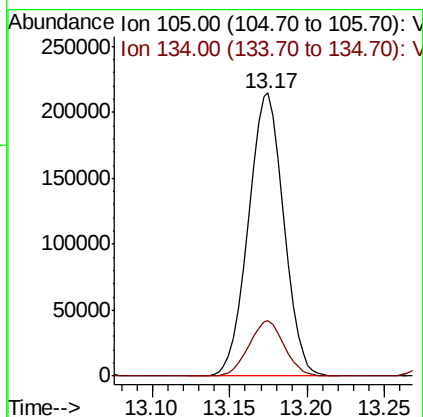
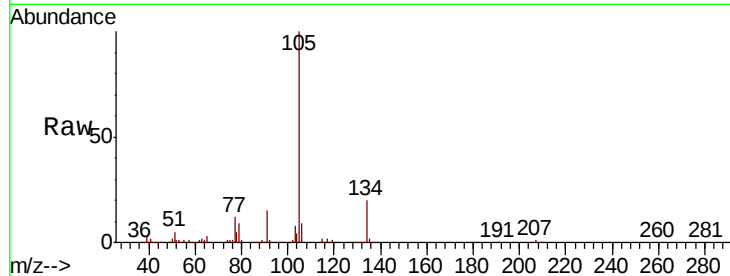
ClientSampleId :

VN1126WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.3

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#86

p-Isopropyltoluene

Concen: 19.203 ug/l

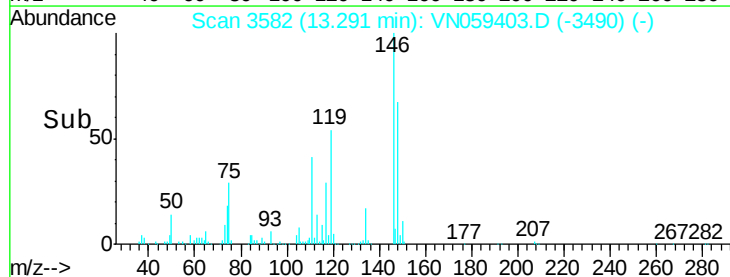
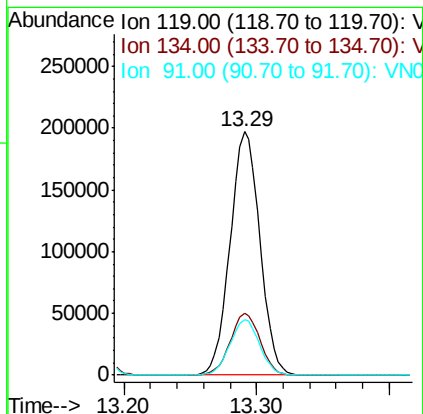
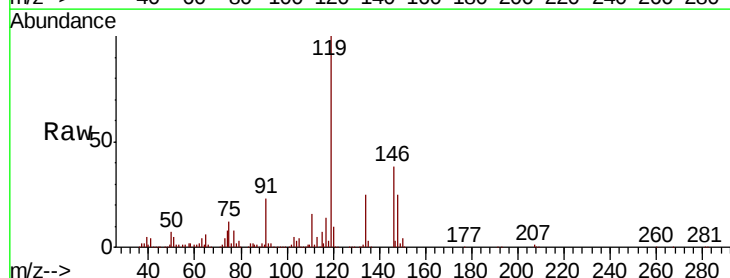
RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.0	38.9
91	23.0	11.6	34.7





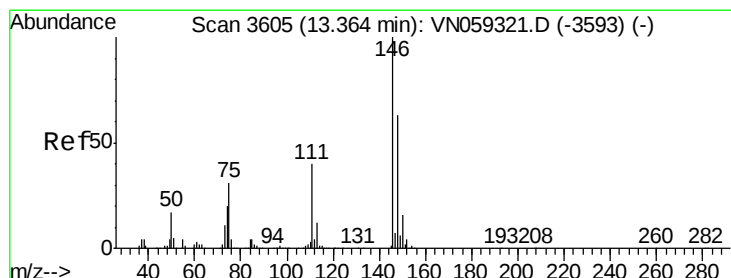
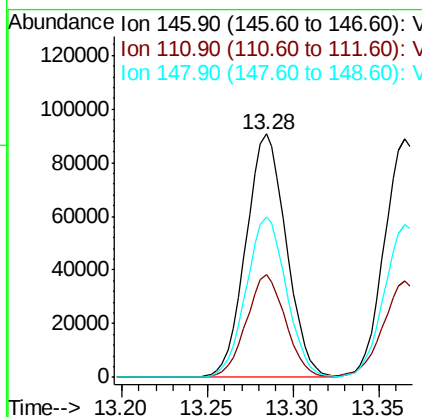
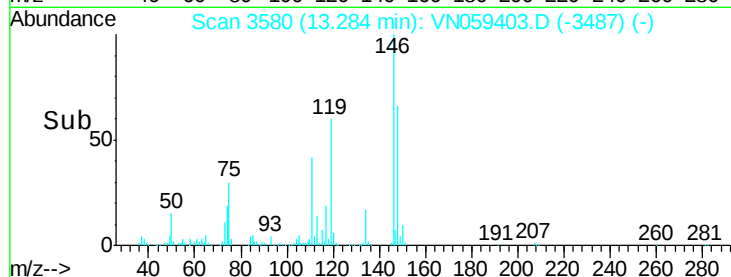
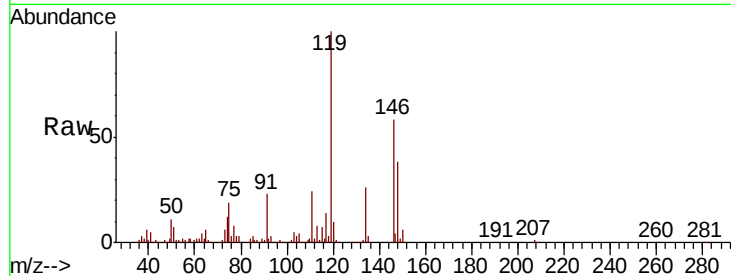
#87
 1,3-Dichlorobenzene
 Concen: 18.285 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.8
148	65.6	31.9	95.5

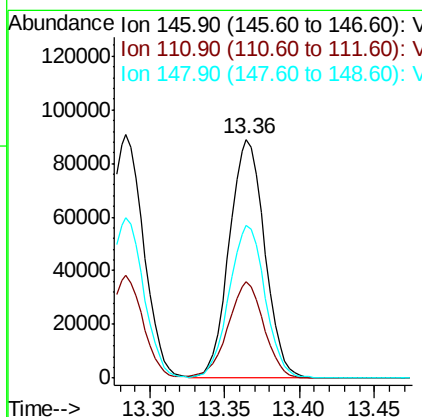
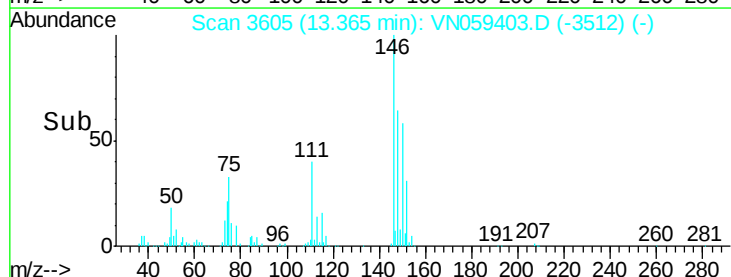
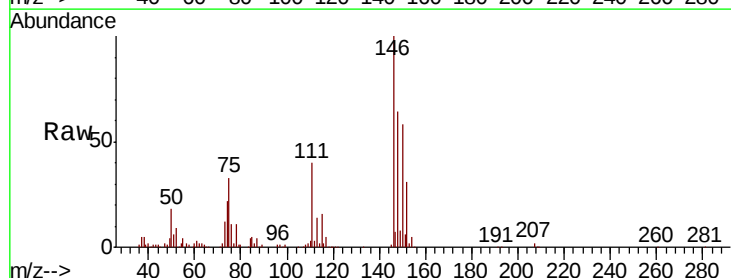
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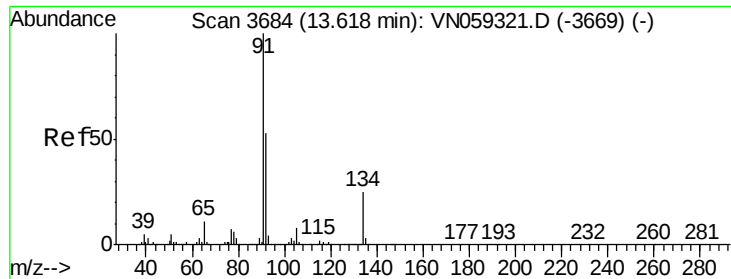
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#88
 1,4-Dichlorobenzene
 Concen: 18.380 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.1	60.3
148	64.2	31.7	95.1





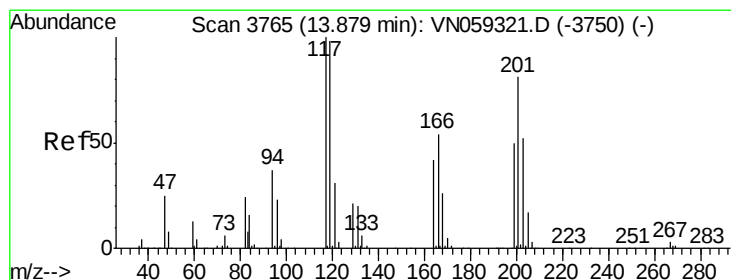
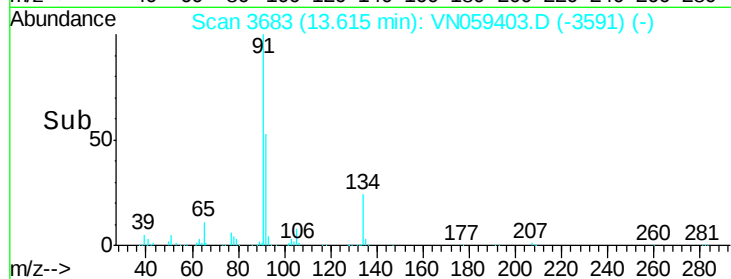
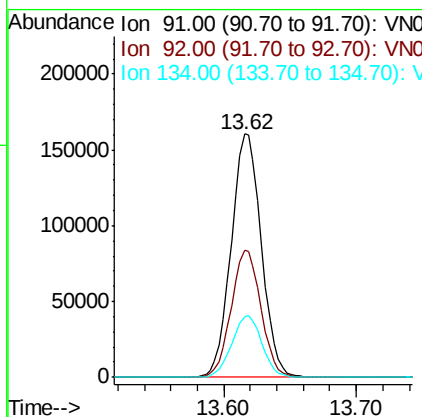
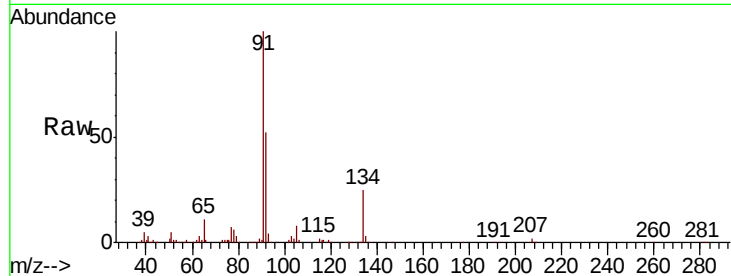
#89
n-Butylbenzene
Concen: 18.141 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.0	78.0
134	25.4	12.7	38.1

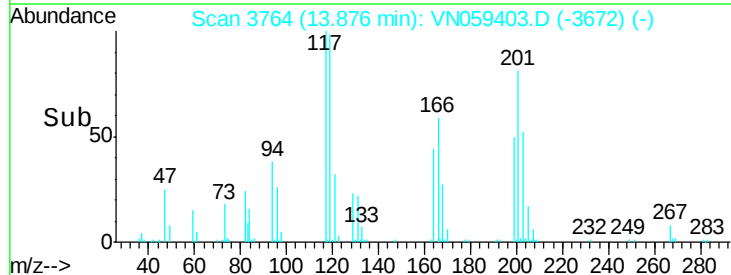
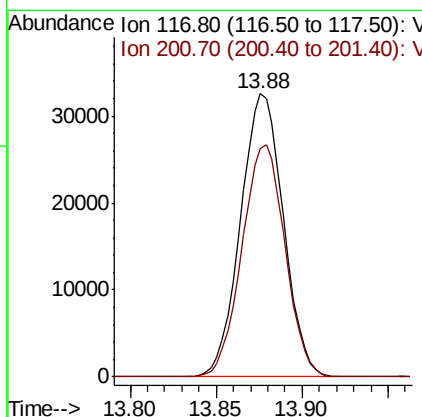
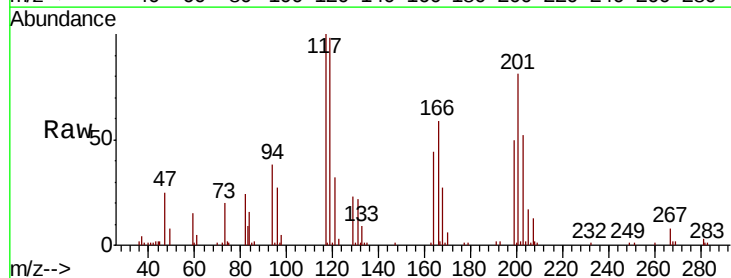
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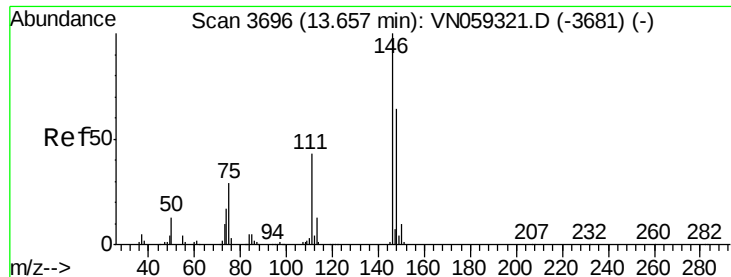
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#90
Hexachloroethane
Concen: 18.685 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.3	40.4	121.2





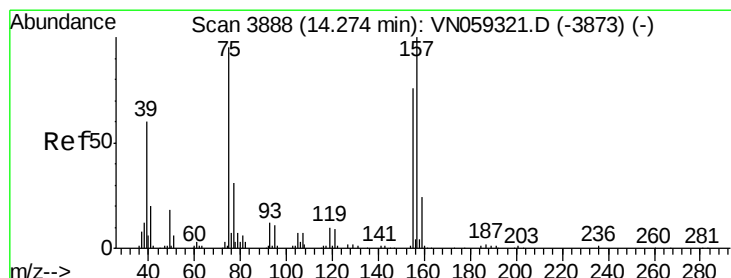
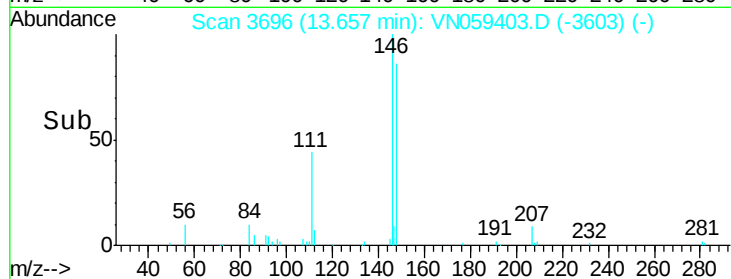
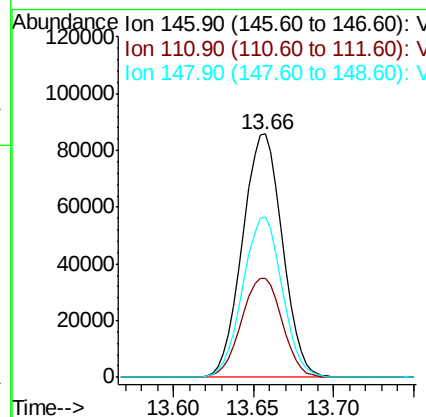
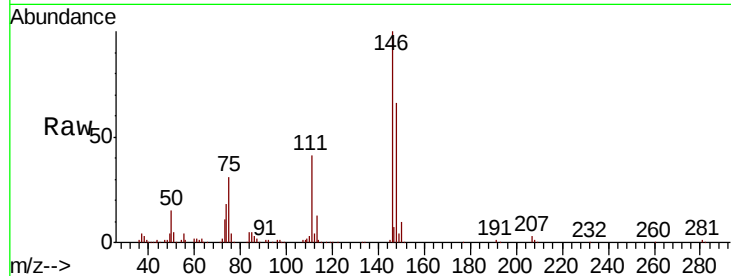
#91
 1,2-Dichlorobenzene
 Concen: 18.740 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	64.0
148	64.9	31.9	95.5

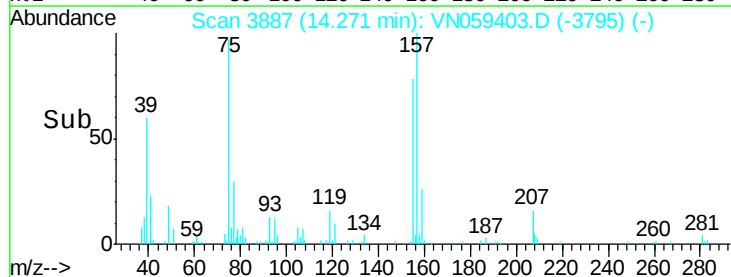
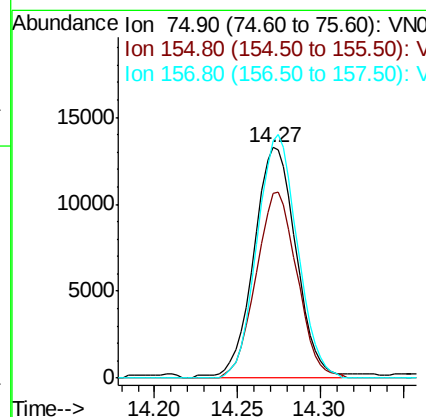
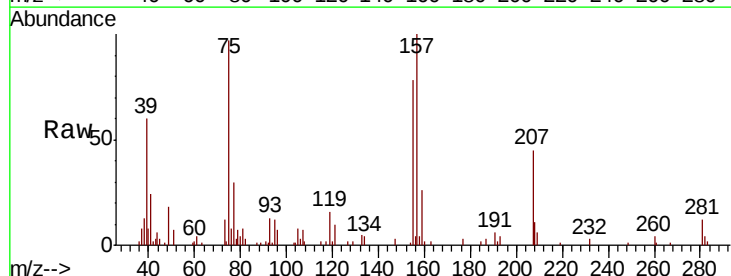
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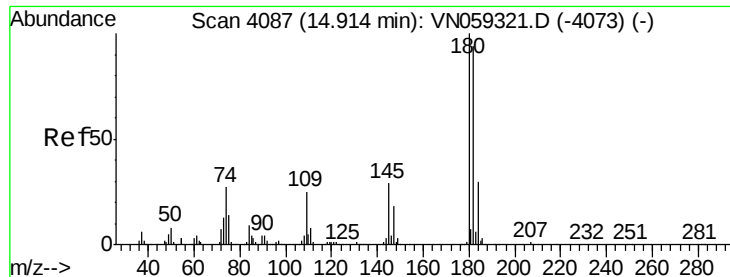
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.844 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	40.5	121.5
157	100.4	52.7	158.1





#93

1,2,4-Trichlorobenzene

Concen: 18.069 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

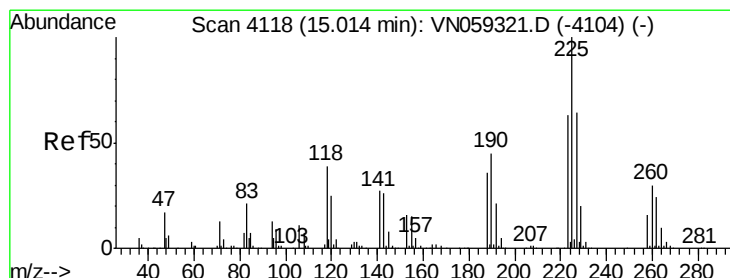
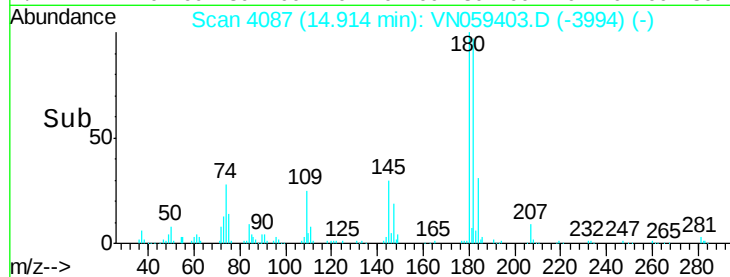
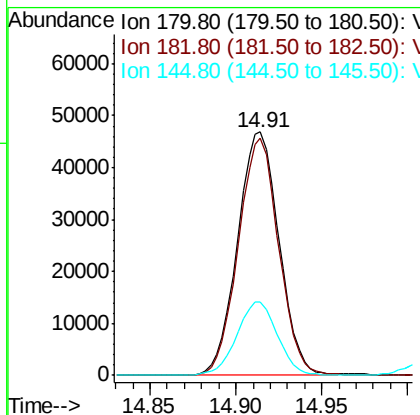
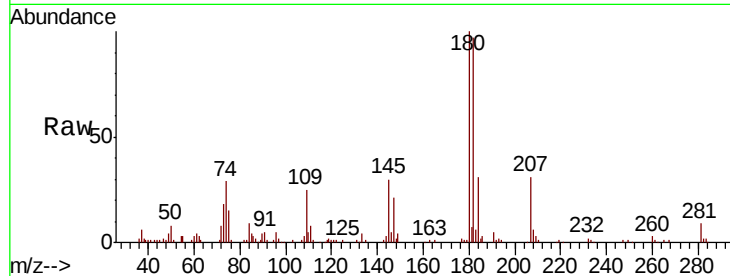
ClientSampleId :

VN1126WBS01

Tot Ion:	180	Resp:	78306
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.2	141.6
145	29.6	14.9	44.5

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 18.681 ug/l

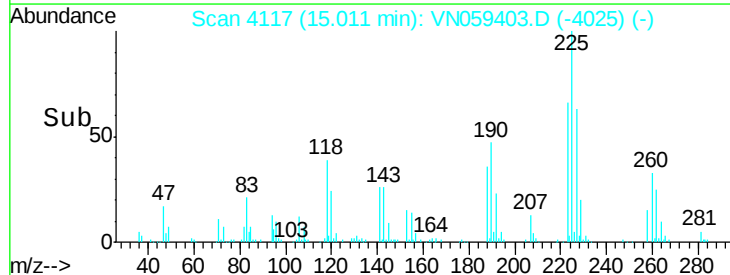
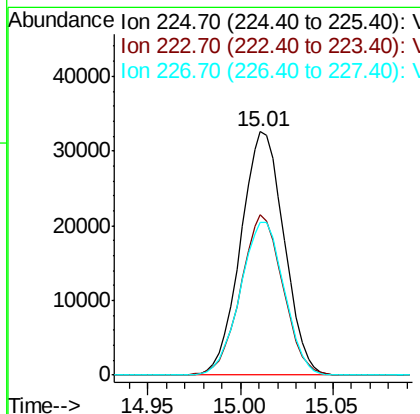
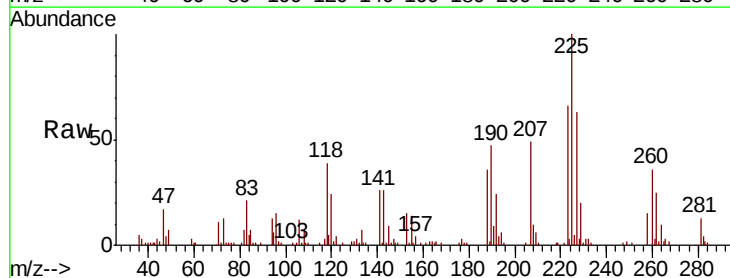
RT: 15.01 min Scan# 4117

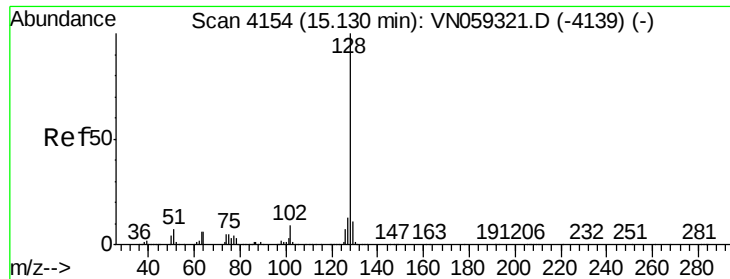
Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Tgt Ion:	225	Resp:	52713
Ion Ratio	Lower	Upper	
225	100		
223	64.2	31.6	94.8
227	63.7	32.6	97.7





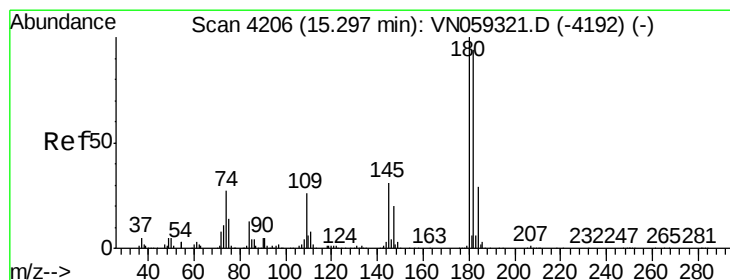
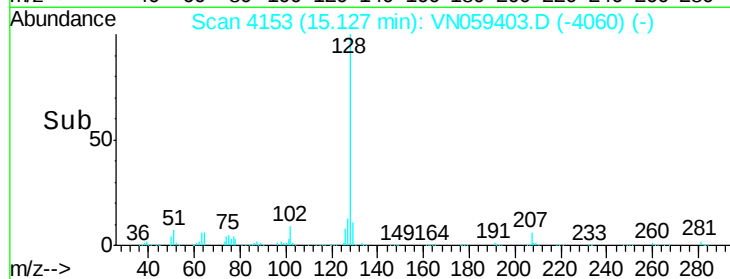
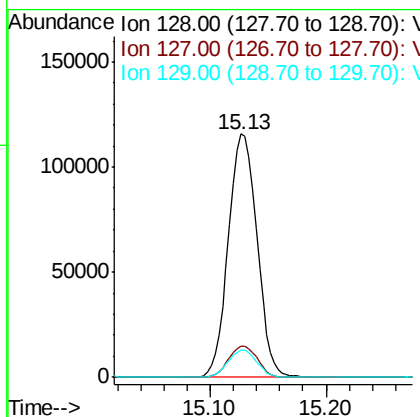
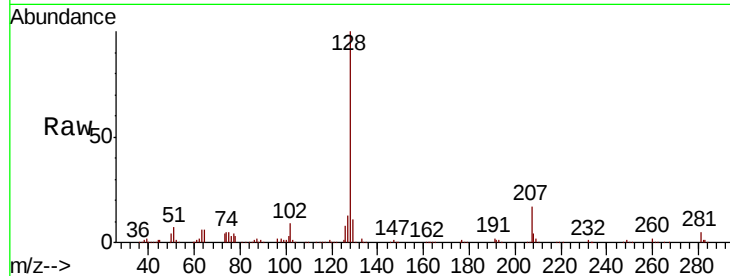
#95
Naphthalene
Concen: 16.973 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.2	8.6	13.0

Manual Integrations
APPROVED

apatel
11/27/2019 10:47:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.477 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.1	141.4
145	31.2	15.6	46.8

