

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069619.D
 Acq On : 22 Nov 2021 19:10
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 23 03:54:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.659	128	166621	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	940847	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	852250	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	456767	31.609	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.367%	
60) 4-Bromofluorobenzene	12.731	95	392367	28.769	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.900%	
63) Toluene-d8	10.443	98	1221790	31.049	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	255348	20.739	ug/l	99
3) Chloromethane	2.306	50	276640	21.550	ug/l	95
4) Vinyl Chloride	2.448	62	265686	20.411	ug/l	99
5) Bromomethane	2.867	94	153520	18.415	ug/l	98
6) Chloroethane	3.025	64	159173	19.382	ug/l	99
7) Trichlorofluoromethane	3.379	101	352631	18.483	ug/l	100
8) Diethyl Ether	3.824	74	124074	20.602	ug/l	79
10) 1,1-Dichloroethene	4.181	96	170604	20.489	ug/l	88
11) Methyl Iodide	4.425	142	239761	20.667	ug/l	98
12) Methyl Acetate	4.859	43	499515	20.830	ug/l #	88
13) Acrolein	4.044	56	74155	112.473	ug/l	100
14) Acrylonitrile	5.559	53	680209	103.971	ug/l	100
15) Acetone	4.291	58	179327	82.261	ug/l	77
16) Carbon Disulfide	4.529	76	384412	18.470	ug/l	100
17) Allyl chloride	4.843	41	352788	19.934	ug/l	92
18) Methylene Chloride	5.098	84	214318	20.204	ug/l #	85
19) trans-1,2-Dichloroethene	5.600	96	185437	20.294	ug/l #	83
20) Diisopropyl ether	6.498	45	776100	20.466	ug/l #	94
21) 1,1-Dichloroethane	6.391	63	400316	20.808	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	226341	19.972	ug/l	94
23) tert-Butyl Alcohol	5.380	59	125078	54.933	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	666589	19.975	ug/l	95
25) Chloroform	7.818	83	457231	22.986	ug/l	99
26) Cyclohexane	8.094	56	363185	19.884	ug/l #	86
29) 1,1-Dichloropropene	8.225	75	286920	19.978	ug/l	96
30) 2-Butanone	7.340	43	1013191	97.463	ug/l	91
31) 2,2-Dichloropropane	7.329	77	272094	17.921	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	339494	20.248	ug/l	95
33) Carbon Tetrachloride	8.206	117	275450	19.891	ug/l	99
34) Benzene	8.461	78	903309	20.682	ug/l #	95
35) Methacrylonitrile	7.638	41	188958	19.818	ug/l	88
36) 1,2-Dichloroethane	8.531	62	355990	21.142	ug/l	99
37) Trichloroethene	9.218	130	209672	19.871	ug/l	93
38) Methylcyclohexane	9.462	83	335835	18.900	ug/l	88
39) 1,2-Dichloropropane	9.491	63	242894	20.998	ug/l	99
40) Dibromomethane	9.580	93	155437	20.064	ug/l	96
41) Bromodichloromethane	9.762	83	292253	20.099	ug/l	97
42) Vinyl Acetate	6.439	43	2620072	89.184	ug/l	97
43) Ethyl Acetate	7.415	43	392314	20.364	ug/l	97

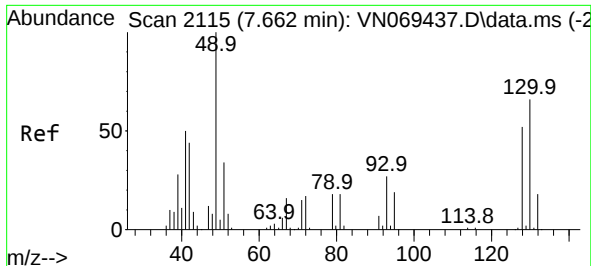
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.563	43	609195	20.283	ug/l	95
45) 1,4-Dioxane	9.569	88	92403	378.994	ug/l	88
46) Methyl methacrylate	9.561	41	273756	19.790	ug/l	85
47) n-amyl Acetate	12.390	43	355827	15.428	ug/l	98
48) t-1,3-Dichloropropene	10.719	75	274186	17.570	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	317910	18.722	ug/l	94
50) 1,1,2-Trichloroethane	10.899	97	217053	19.730	ug/l	95
51) Ethyl methacrylate	10.762	69	337868	18.318	ug/l	91
52) 1,3-Dichloropropane	11.044	76	385199	20.271	ug/l	100
53) Dibromochloromethane	11.240	129	198478	18.880	ug/l	99
54) 1,2-Dibromoethane	11.347	107	222063	19.491	ug/l	99
55) 2-Chloroethyl vinyl ether	10.044	63	417765	99.577	ug/l	97
56) Bromoform	12.460	173	130407	17.299	ug/l #	100
58) 4-Methyl-2-Pentanone	10.331	43	2021321	108.048	ug/l #	94
59) 2-Hexanone	11.087	43	1369611	96.247	ug/l	95
61) Tetrachloroethene	10.980	164	190569	20.834	ug/l	95
62) Toluene	10.505	91	964648	20.598	ug/l	100
64) Chlorobenzene	11.771	112	553794	19.710	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.841	131	202966	20.518	ug/l	99
66) Ethyl Benzene	11.846	91	1025283	19.779	ug/l	100
67) m/p-Xylenes	11.953	106	753064	39.113	ug/l	96
68) o-Xylene	12.280	106	374995	19.452	ug/l	97
69) Styrene	12.294	104	581887	18.618	ug/l	97
70) Isopropylbenzene	12.578	105	974226	19.324	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	339328	20.397	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	396753	24.481	ug/l	57
73) Bromobenzene	12.862	156	223661	19.245	ug/l	93
74) n-propylbenzene	12.921	91	1073093	18.533	ug/l	97
75) 2-Chlorotoluene	13.007	91	669410	18.992	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	797304	19.268	ug/l	99
77) t-1,4-Dichloro-2-butene	12.624	75	67532	15.437	ug/l	77
78) 4-Chlorotoluene	13.106	91	623167	18.462	ug/l	94
79) tert-butylbenzene	13.324	119	683801	18.785	ug/l	99
80) 1,2,4-Trimethylbenzene	13.503	105	920819	22.812	ug/l	100
81) sec-Butylbenzene	13.503	105	920819	18.080	ug/l	100
82) p-Isopropyltoluene	13.616	119	721446	17.753	ug/l	100
83) 1,3-Dichlorobenzene	13.616	146	361792	18.208	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	339657	17.620	ug/l	98
85) n-Butylbenzene	13.943	91	526285	15.517	ug/l	99
86) Hexachloroethane	14.211	117	119808	17.814	ug/l	92
87) 1,2-Dichlorobenzene	13.989	146	359331	18.738	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.606	75	53021	18.206	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	133880	14.560	ug/l	96
90) Hexachlorobutadiene	15.370	225	97962	19.701	ug/l	100
91) Naphthalene	15.507	128	315753	11.921	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	131716	14.572	ug/l	98

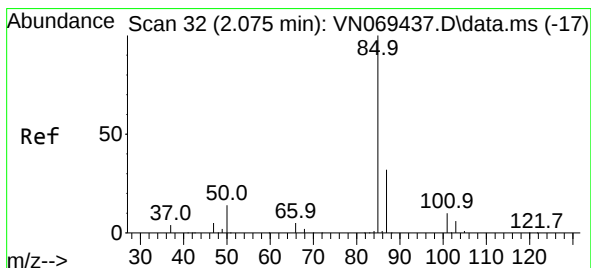
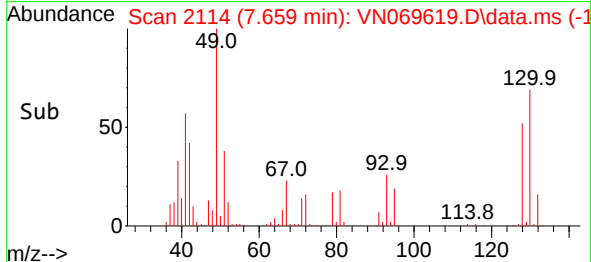
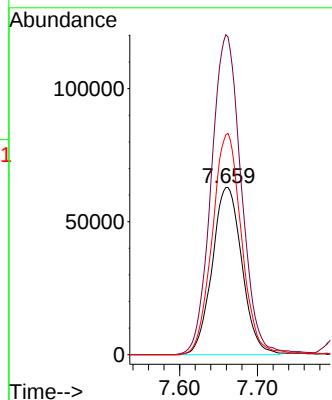
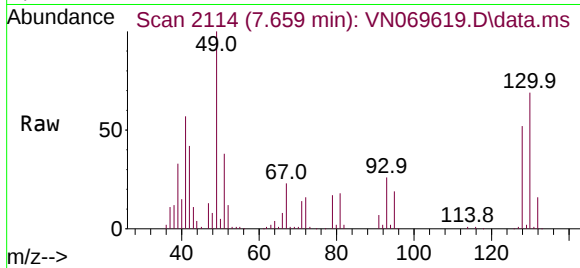
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

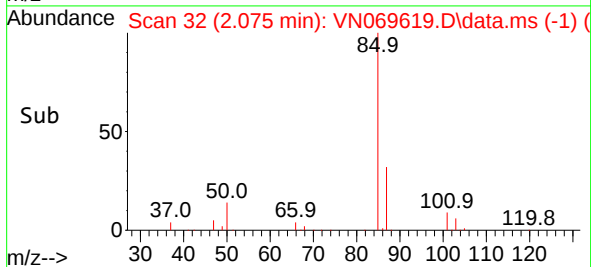
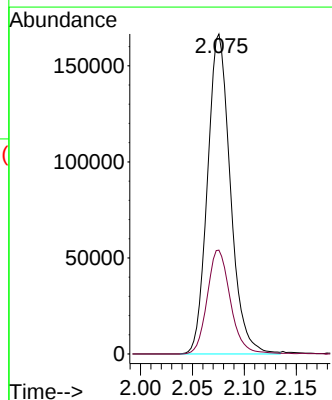
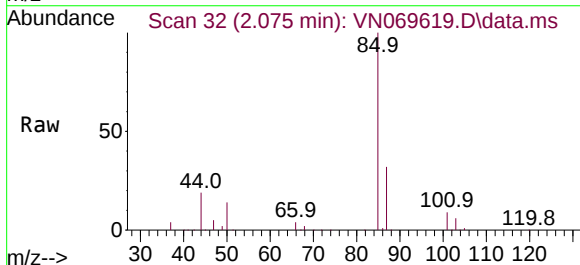
Instrument :
MSVOA_N
ClientSampleId :

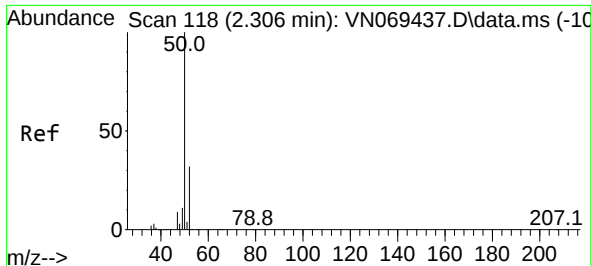
Tgt Ion:128 Resp: 166621
Ion Ratio Lower Upper
128 100
49 192.5 0.0 392.3
130 130.2 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 20.739 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 85 Resp: 255348
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.7

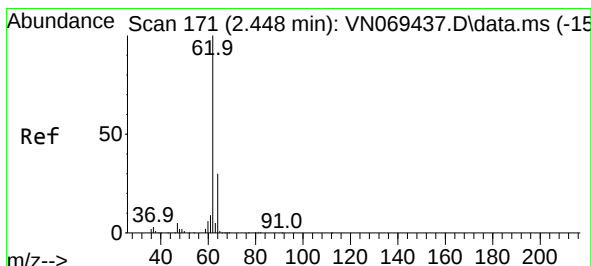
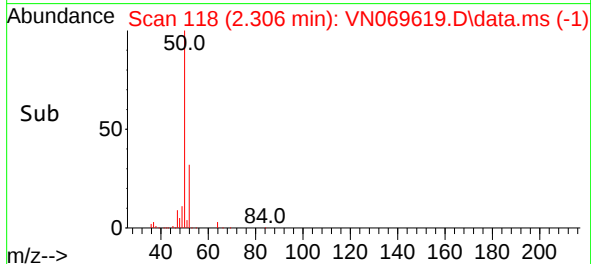
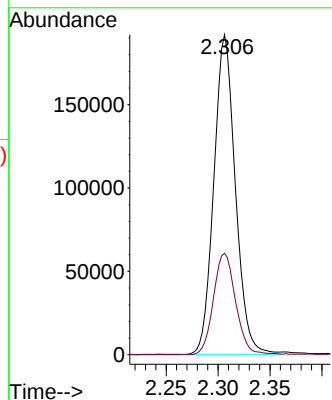
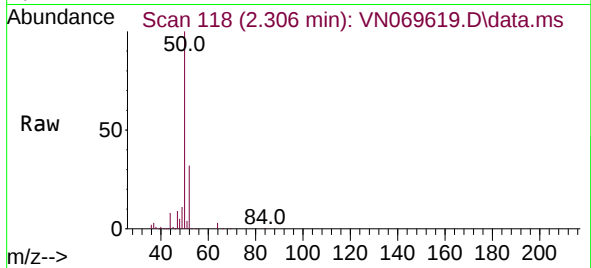




#3
Chloromethane
Concen: 21.550 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

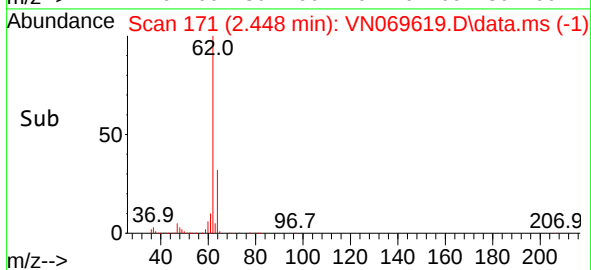
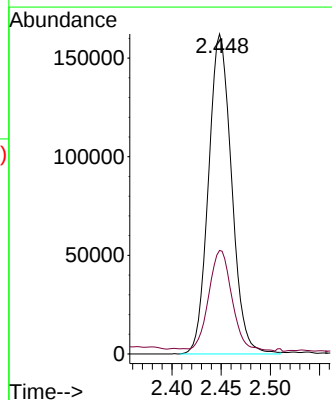
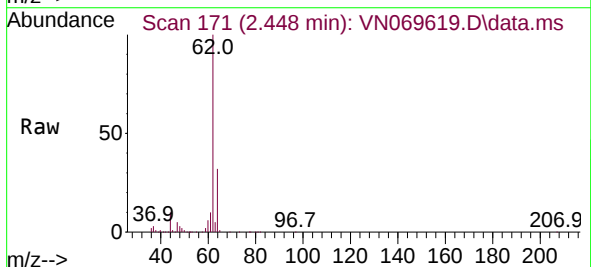
Instrument :
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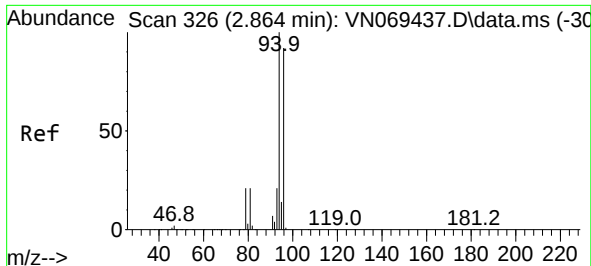
Tgt Ion: 50 Resp: 276640
Ion Ratio Lower Upper
50 100
52 31.7 27.8 41.6



#4
Vinyl Chloride
Concen: 20.411 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 62 Resp: 265686
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7

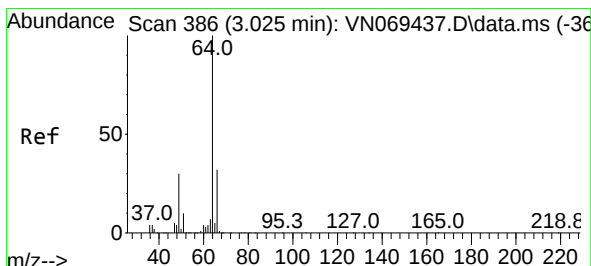
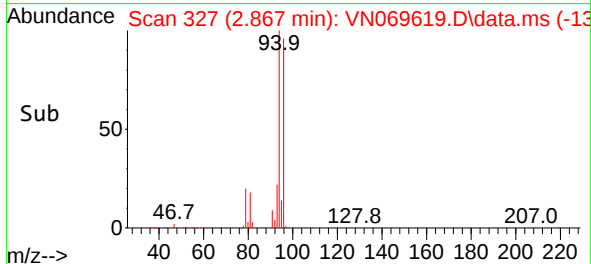
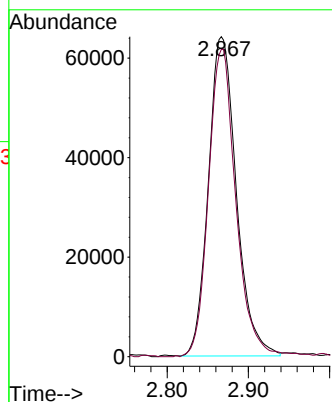
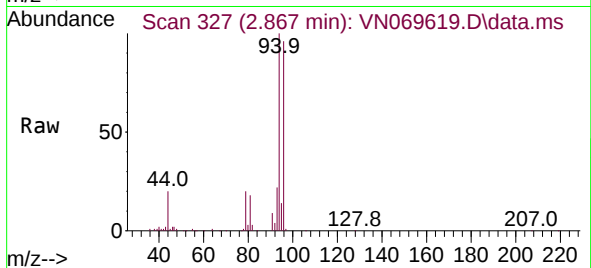




#5
Bromomethane
Concen: 18.415 ug/l
RT: 2.867 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

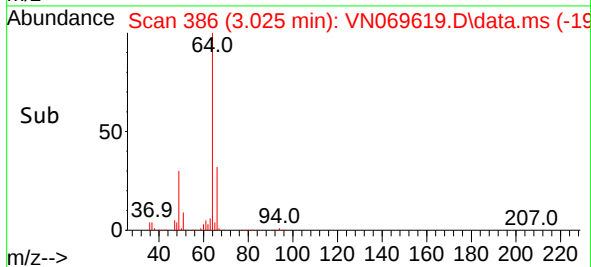
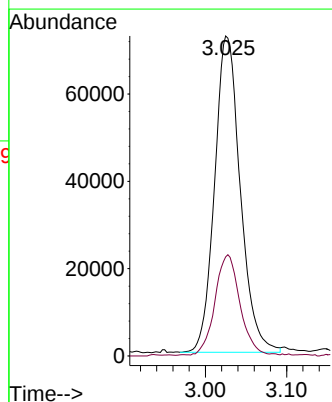
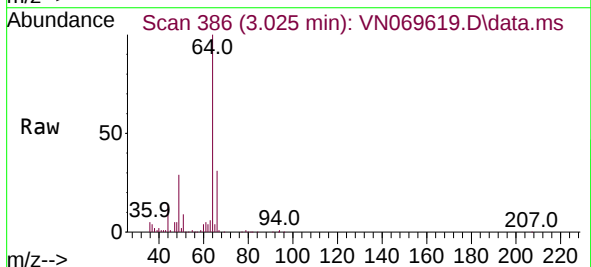
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ClientSampleId :

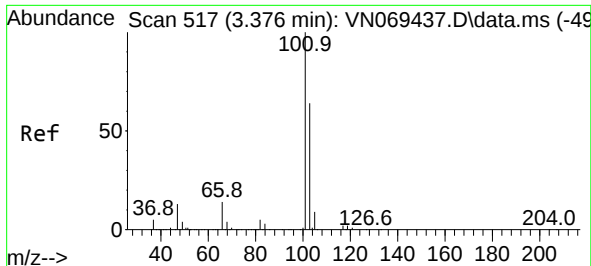
Tgt Ion: 94 Resp: 153520
Ion Ratio Lower Upper
94 100
96 96.3 75.2 112.8



#6
Chloroethane
Concen: 19.382 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 64 Resp: 159173
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8

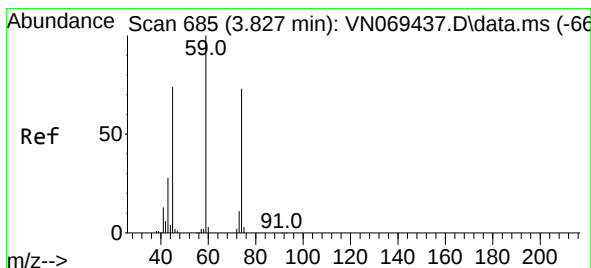
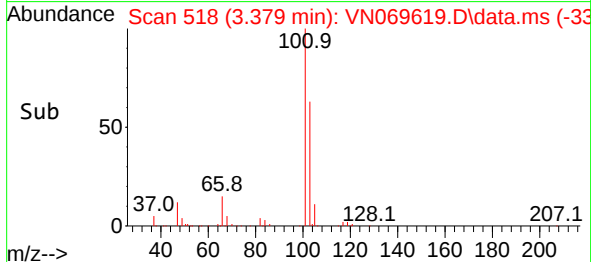
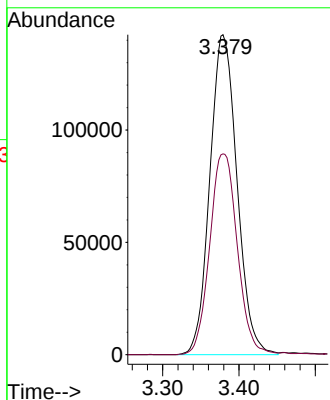
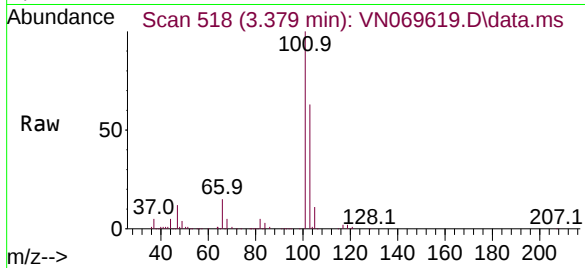




#7
 Trichlorofluoromethane
 Concen: 18.483 ug/l
 RT: 3.379 min Scan# 517
 Delta R.T. 0.000 min
 Lab File: VN069619.D
 Acq: 22 Nov 2021 19:10

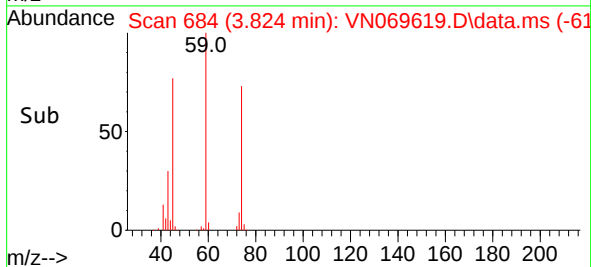
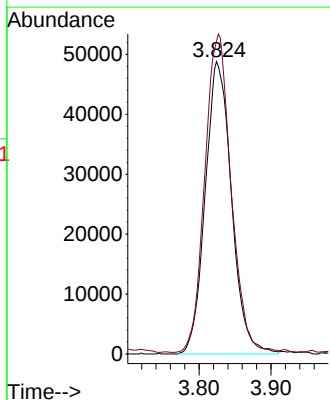
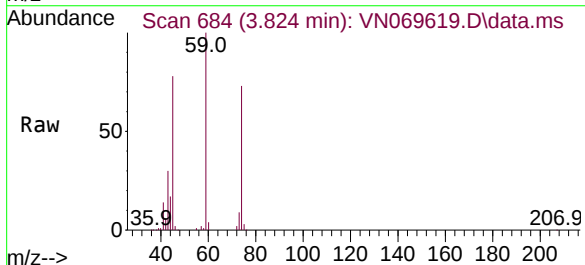
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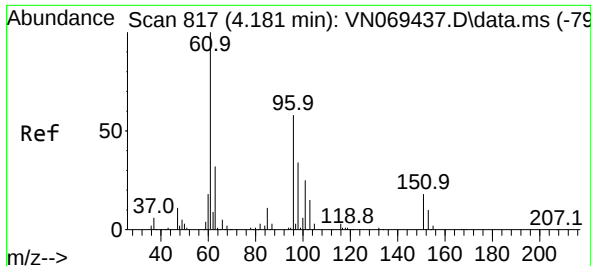
Tgt Ion:101 Resp: 352631
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.602 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. -0.005 min
 Lab File: VN069619.D
 Acq: 22 Nov 2021 19:10

Tgt Ion: 74 Resp: 124074
 Ion Ratio Lower Upper
 74 100
 45 107.9 17.6 158.8

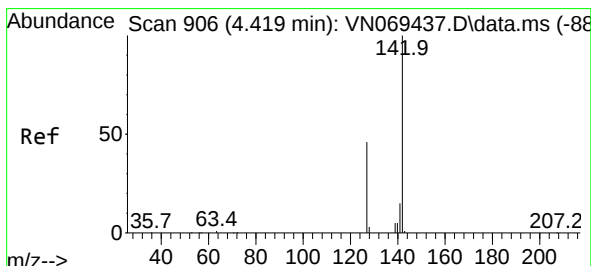
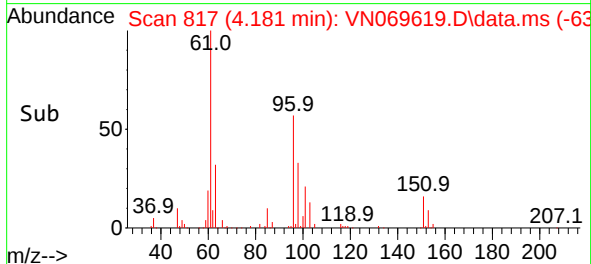
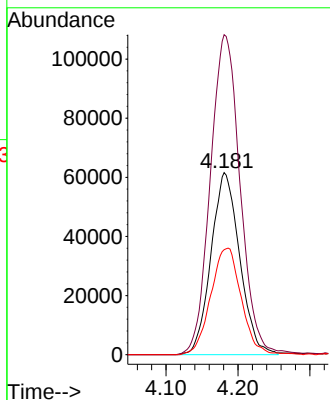
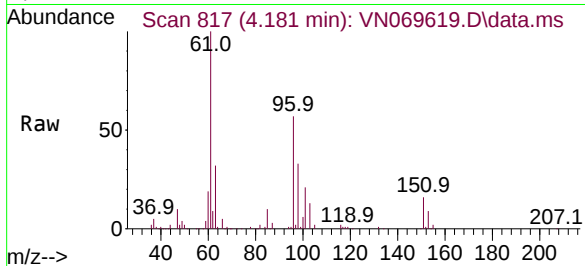




#10
1,1-Dichloroethene
Concen: 20.489 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.010 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

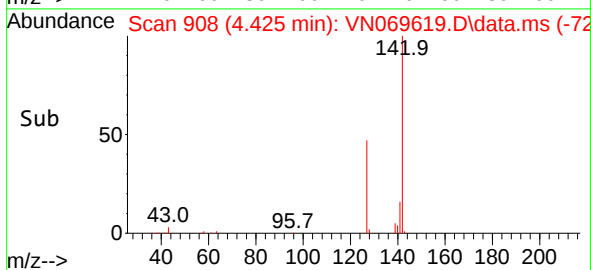
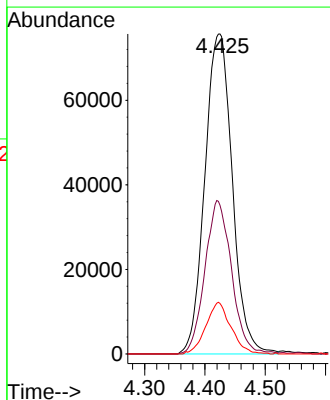
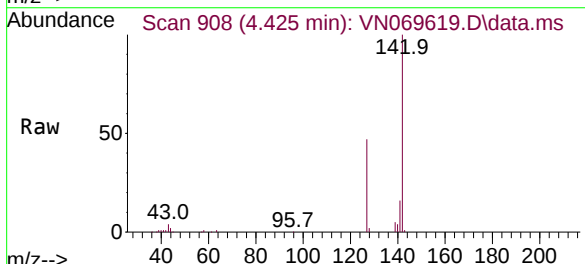
Instrument :
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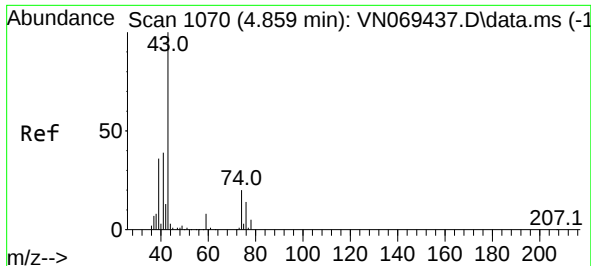
Tgt Ion: 96 Resp: 170604
Ion Ratio Lower Upper
96 100
61 175.4 126.2 189.4
98 57.7 50.9 76.3



#11
Methyl Iodide
Concen: 20.667 ug/l
RT: 4.425 min Scan# 908
Delta R.T. -0.005 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 142 Resp: 239761
Ion Ratio Lower Upper
142 100
127 46.5 24.0 72.0
141 15.9 8.4 25.2

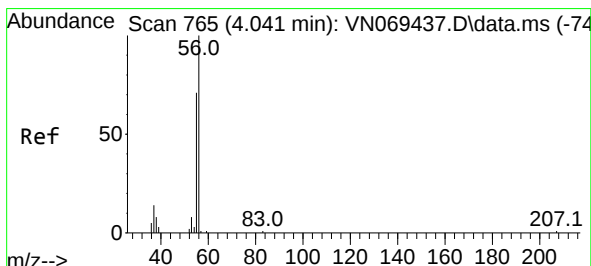
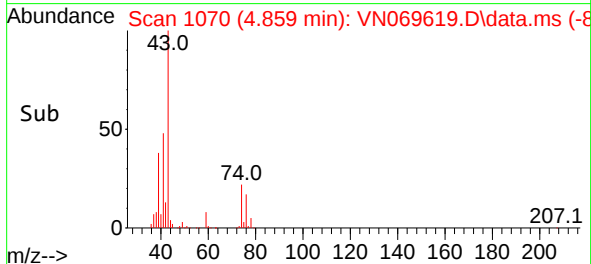
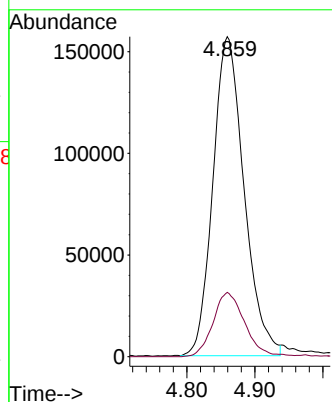
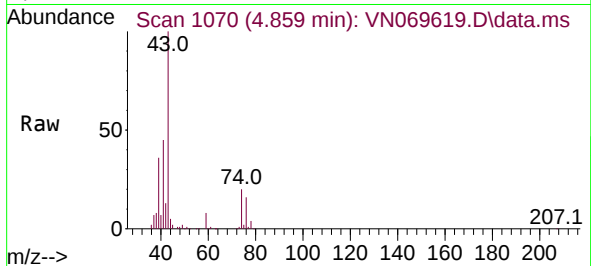




#12
Methyl Acetate
Concen: 20.830 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

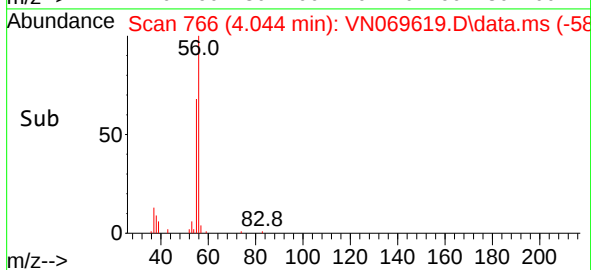
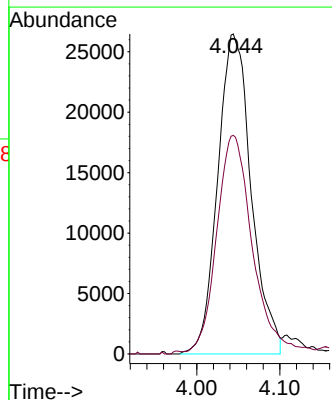
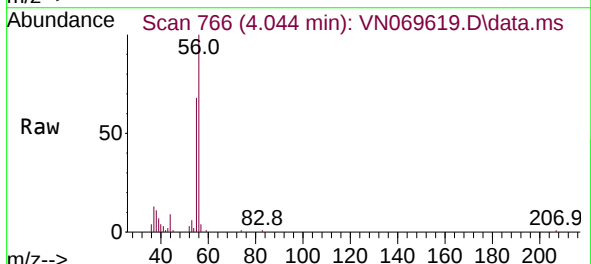
Instrument :
MSVOA_N
ClientSampleId :

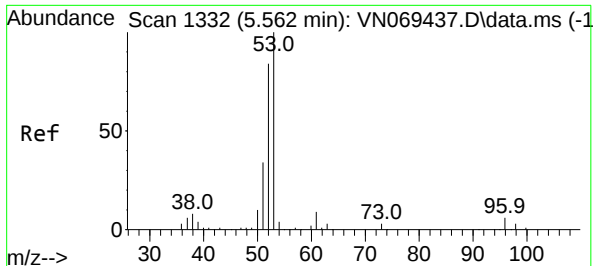
Tgt Ion: 43 Resp: 499515
Ion Ratio Lower Upper
43 100
74 20.0 20.8 31.2#



#13
Acrolein
Concen: 112.473 ug/l
RT: 4.044 min Scan# 766
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 56 Resp: 74155
Ion Ratio Lower Upper
56 100
55 72.2 57.6 86.4

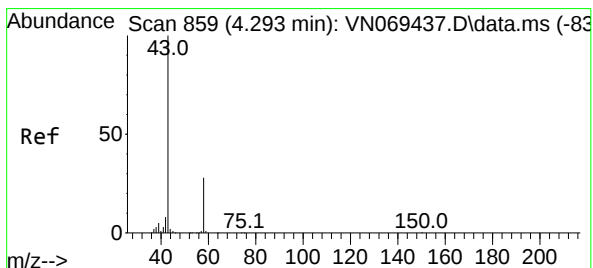
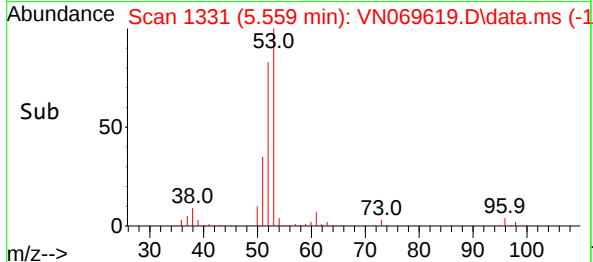
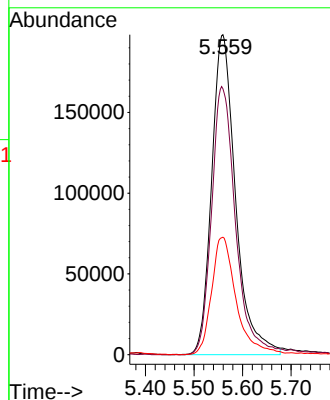
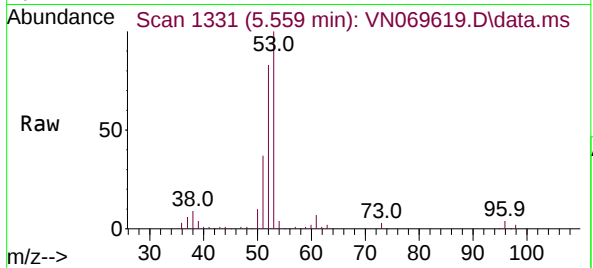




#14
Acrylonitrile
Concen: 103.971 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

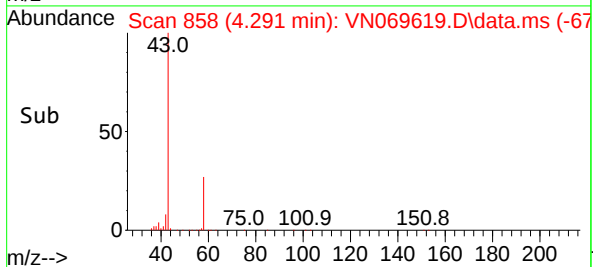
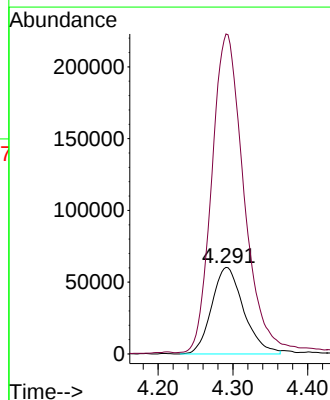
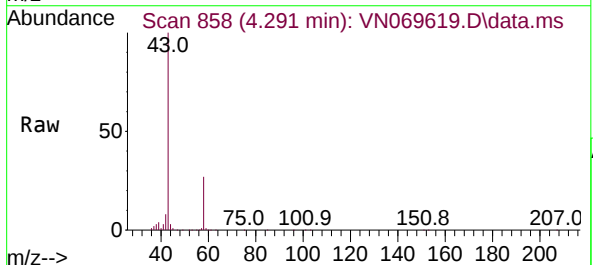
Instrument :
MSVOA_N
ClientSampleId :

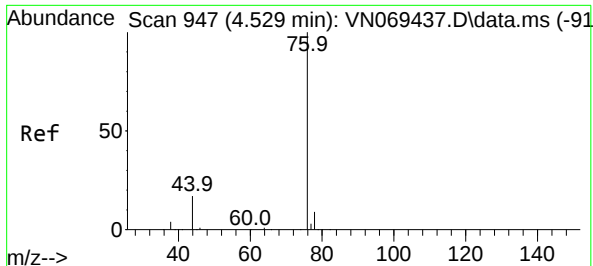
Tgt Ion: 53 Resp: 680209
Ion Ratio Lower Upper
53 100
52 83.4 41.8 125.4
51 37.8 19.0 57.0



#15
Acetone
Concen: 82.261 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 58 Resp: 179327
Ion Ratio Lower Upper
58 100
43 368.0 256.6 384.8

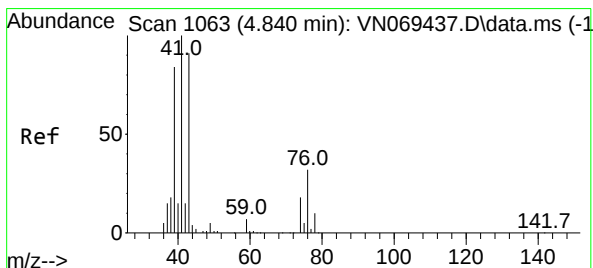
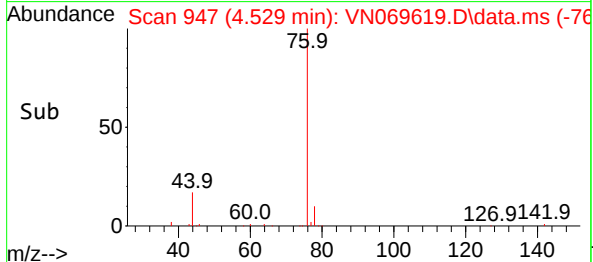
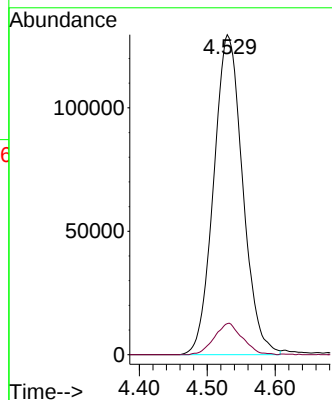
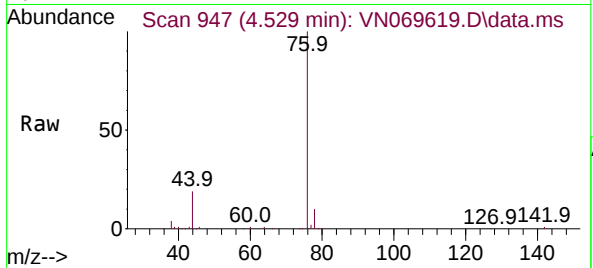




#16
Carbon Disulfide
Concen: 18.470 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.008 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

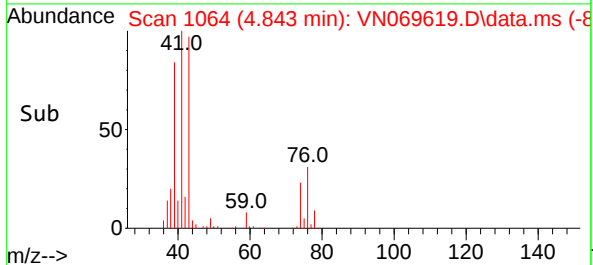
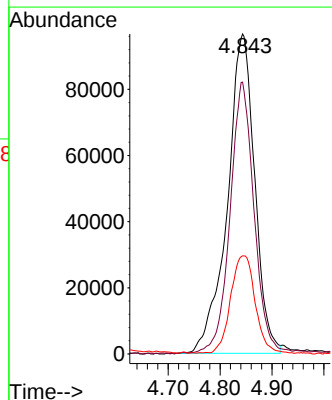
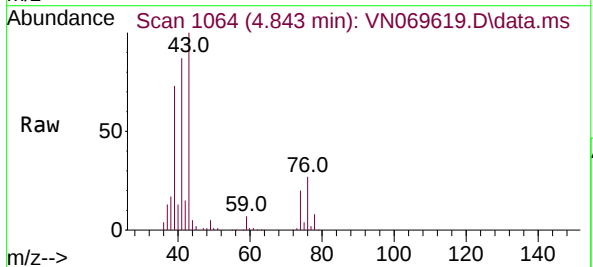
Instrument :
MSVOA_N
ClientSampleId :

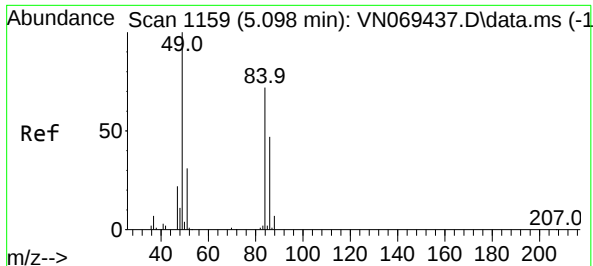
Tgt Ion: 76 Resp: 384412
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8



#17
Allyl chloride
Concen: 19.934 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 41 Resp: 352788
Ion Ratio Lower Upper
41 100
39 84.8 44.6 134.0
76 30.3 19.6 58.7





#18

Methylene Chloride

Concen: 20.204 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. -0.002 min

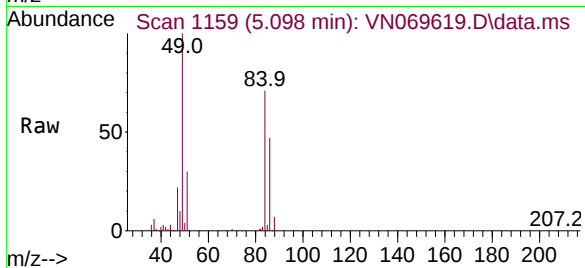
Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 214318

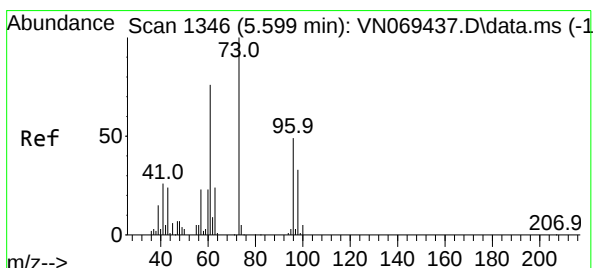
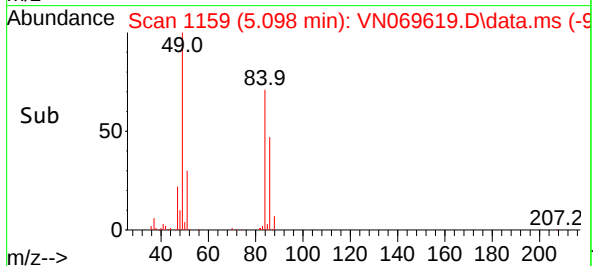
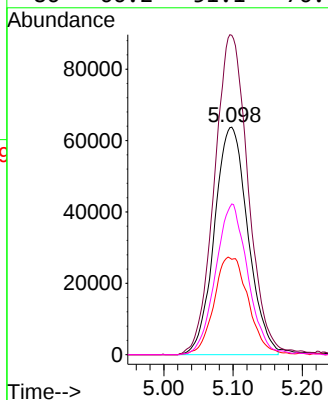
Ion Ratio Lower Upper

84 100

49 140.4 91.4 137.0#

51 41.9 29.4 44.0

86 66.2 51.1 76.7



#19

trans-1,2-Dichloroethene

Concen: 20.294 ug/l

RT: 5.600 min Scan# 1346

Delta R.T. -0.005 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

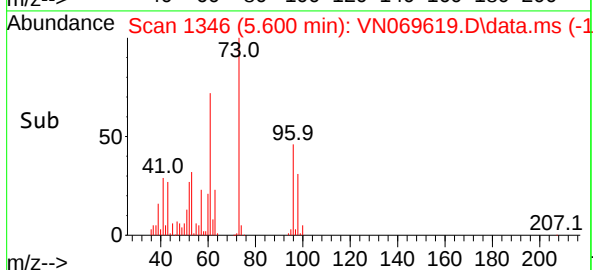
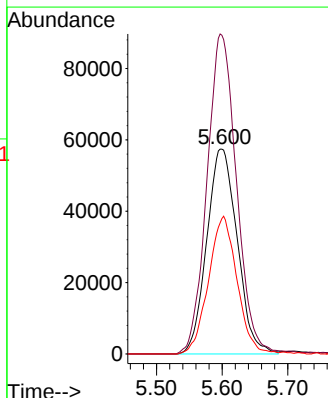
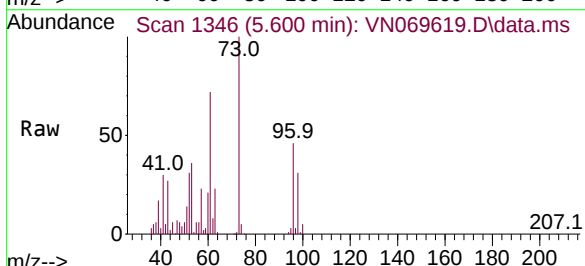
Tgt Ion: 96 Resp: 185437

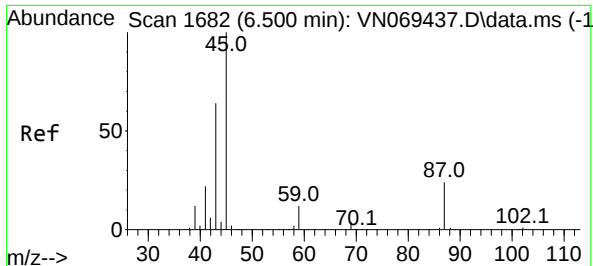
Ion Ratio Lower Upper

96 100

61 155.1 102.8 154.2#

98 66.1 49.3 73.9





#20

Diisopropyl ether

Concen: 20.466 ug/l

RT: 6.498 min Scan# 1

Delta R.T. 0.000 min

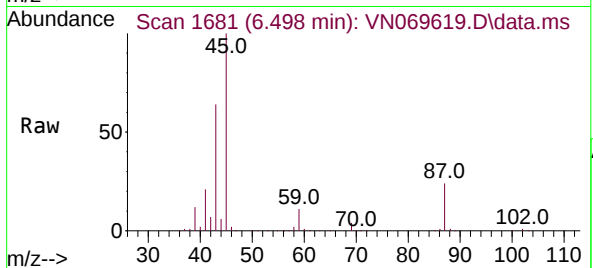
Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 45 Resp: 776100

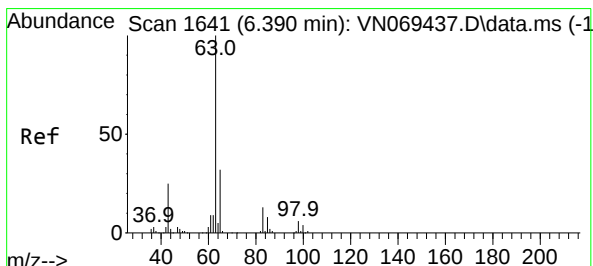
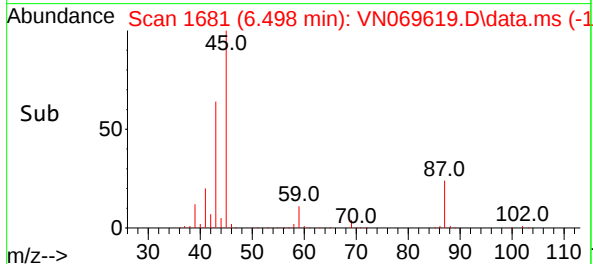
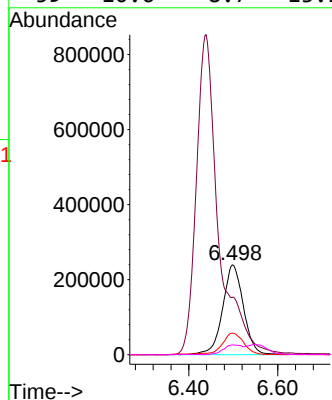
Ion Ratio Lower Upper

45 100

43 61.5 51.0 76.4

87 23.9 25.0 37.4#

59 10.6 8.7 13.1



#21

1,1-Dichloroethane

Concen: 20.808 ug/l

RT: 6.391 min Scan# 1641

Delta R.T. -0.002 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

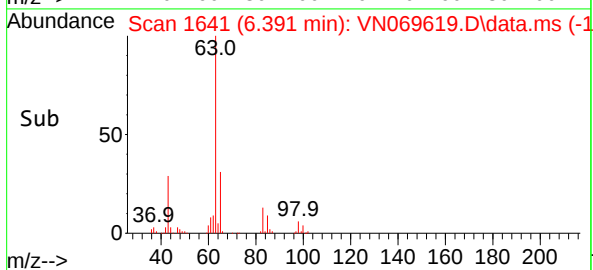
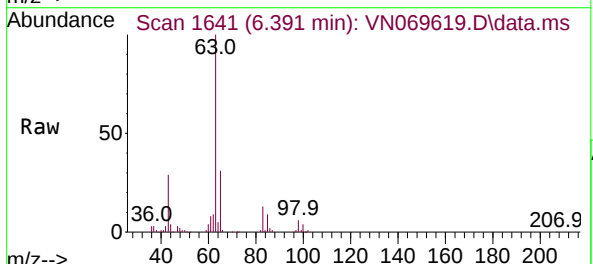
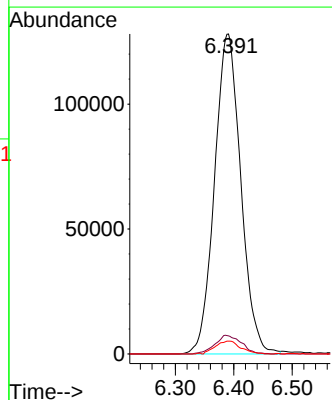
Tgt Ion: 63 Resp: 400316

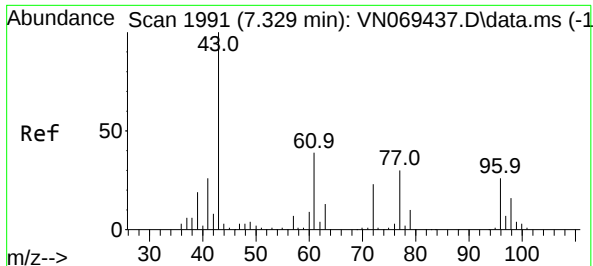
Ion Ratio Lower Upper

63 100

98 5.7 3.2 9.6

100 4.0 2.1 6.2





#22

cis-1,2-Dichloroethene

Concen: 19.972 ug/l

RT: 7.327 min Scan# 1991

Delta R.T. -0.002 min MSVOA_N

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

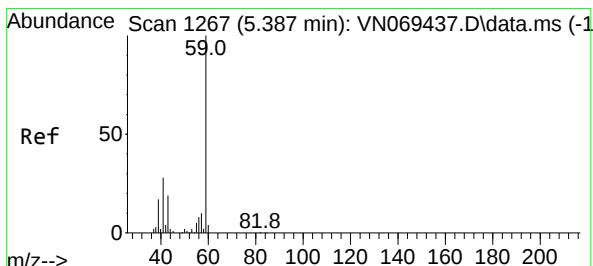
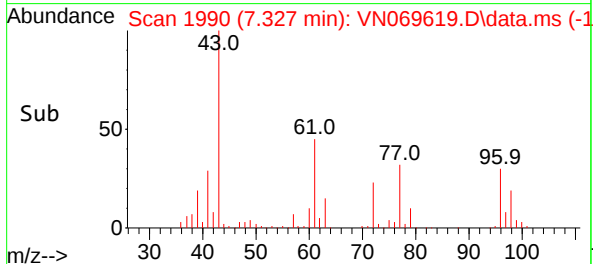
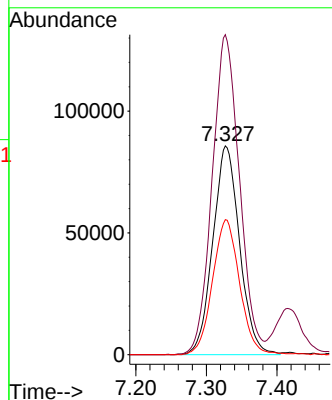
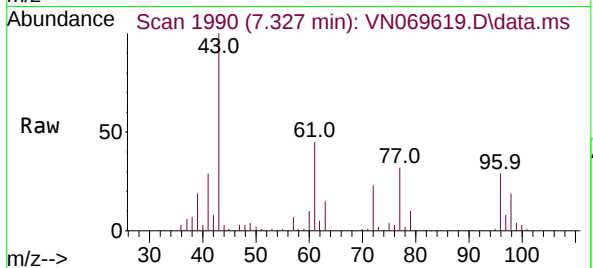
Tgt Ion: 96 Resp: 226341

Ion Ratio Lower Upper

96 100

61 155.6 115.7 173.5

98 65.2 51.6 77.4



#23

tert-Butyl Alcohol

Concen: 54.933 ug/l

RT: 5.380 min Scan# 1264

Delta R.T. 0.014 min

Lab File: VN069619.D

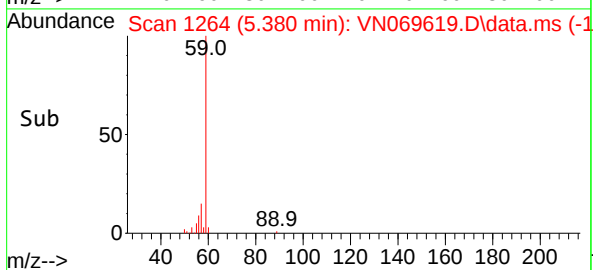
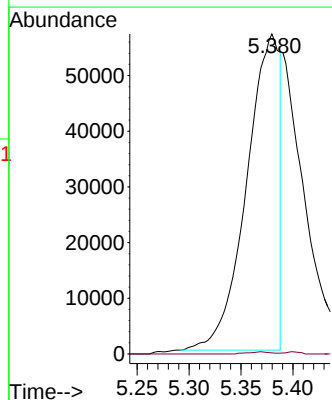
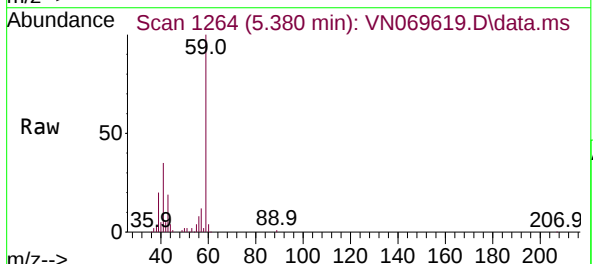
Acq: 22 Nov 2021 19:10

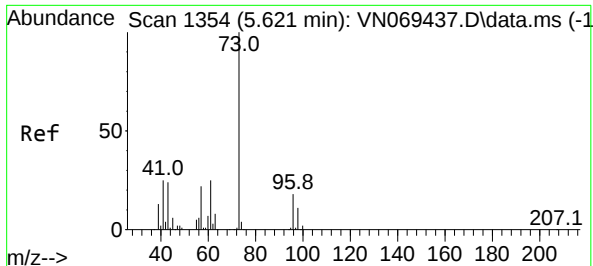
Tgt Ion: 59 Resp: 125078

Ion Ratio Lower Upper

59 100

52 0.2 0.0 0.0#

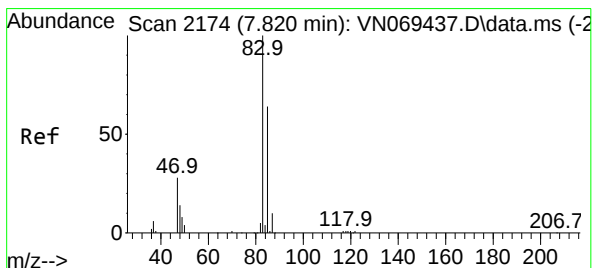
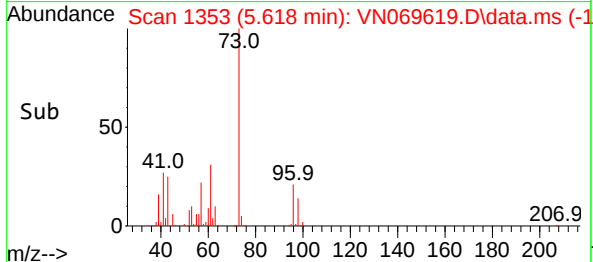
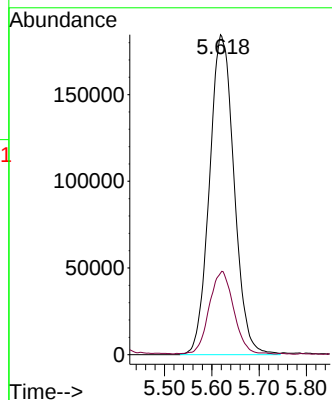
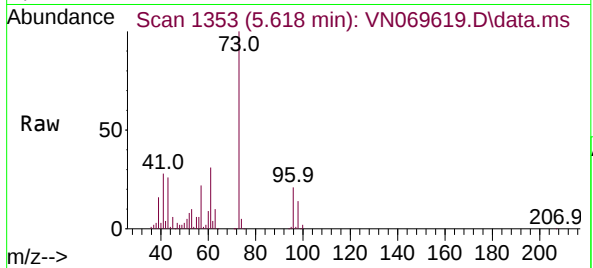




#24
Methyl tert-Butyl Ether
Concen: 19.975 ug/l
RT: 5.618 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

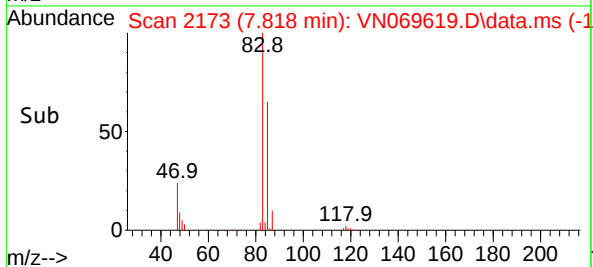
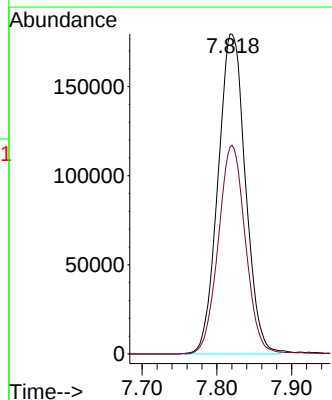
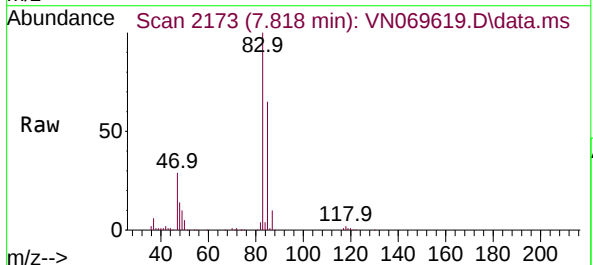
Instrument :
MSVOA_N
ClientSampleId :

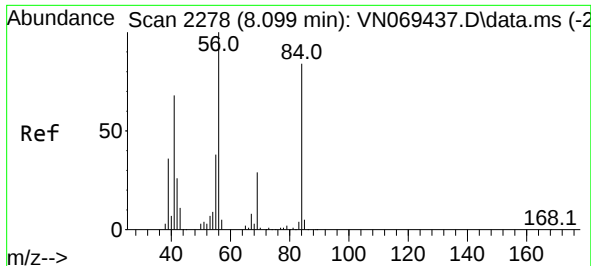
Tgt Ion: 73 Resp: 666589
Ion Ratio Lower Upper
73 100
43 25.0 18.1 27.1



#25
Chloroform
Concen: 22.986 ug/l
RT: 7.818 min Scan# 2173
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 83 Resp: 457231
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9

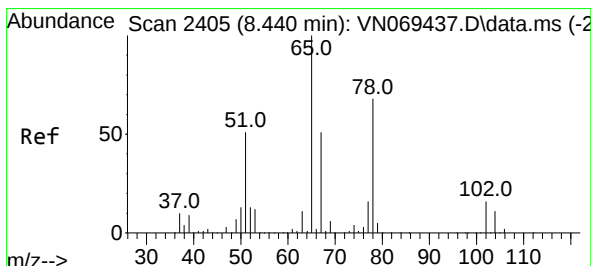
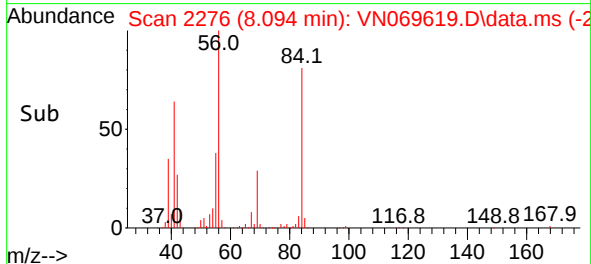
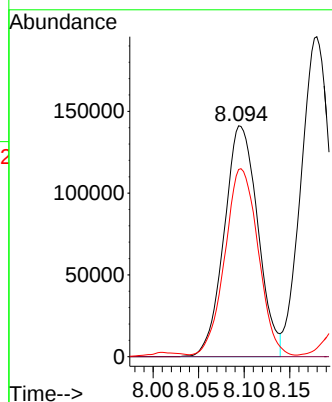
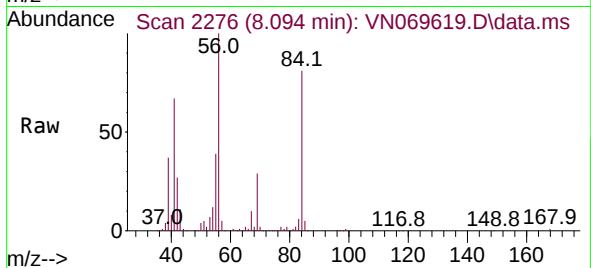




#26
Cyclohexane
Concen: 19.884 ug/l
RT: 8.094 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

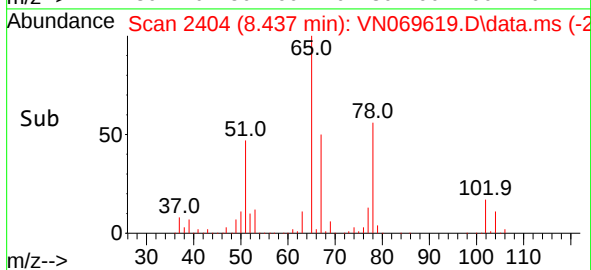
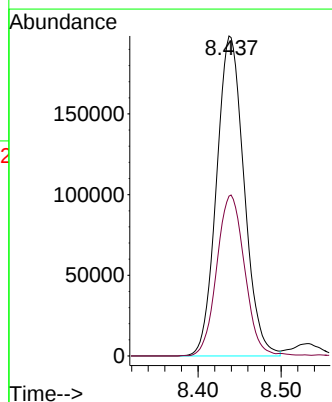
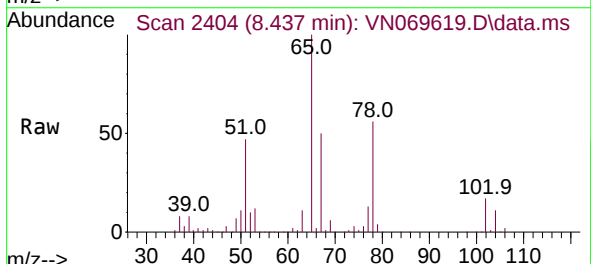
Instrument :
MSVOA_N
ClientSampleId :

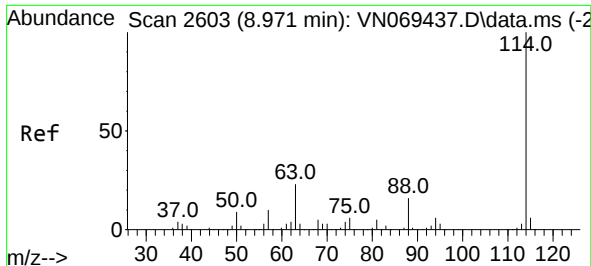
Tgt Ion: 56 Resp: 363185
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 79.4 74.6 111.8



#27
1,2-Dichloroethane-d4
Concen: 31.609 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 65 Resp: 456767
Ion Ratio Lower Upper
65 100
67 50.3 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.002 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

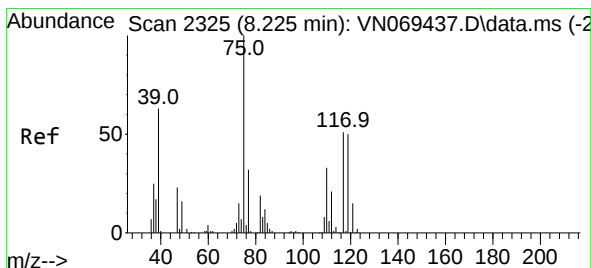
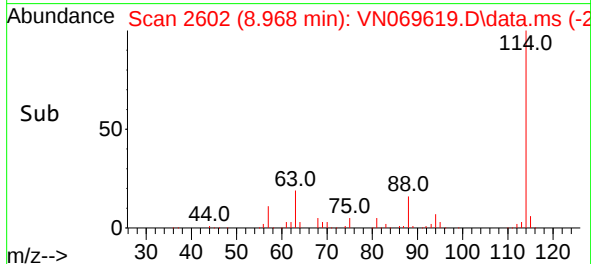
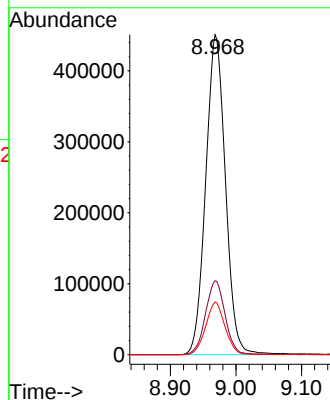
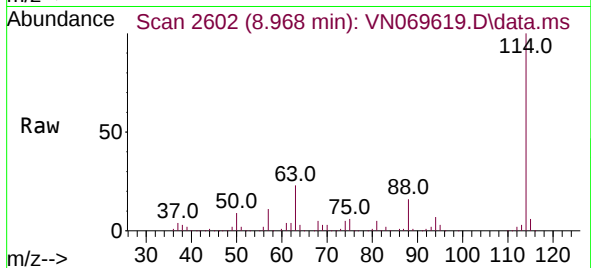
Tgt Ion:114 Resp: 940847

Ion Ratio Lower Upper

114 100

63 23.0 15.8 23.6

88 16.1 11.6 17.4



#29

1,1-Dichloropropene

Concen: 19.978 ug/l

RT: 8.225 min Scan# 2325

Delta R.T. 0.000 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

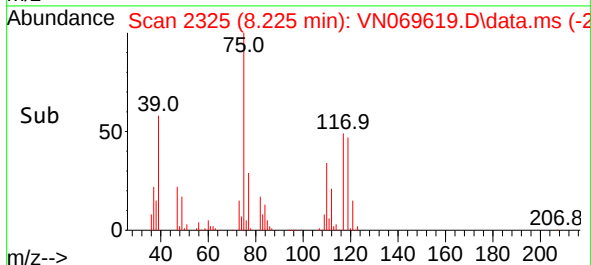
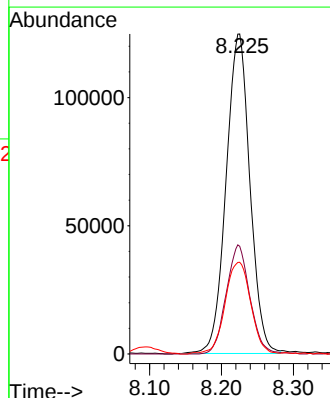
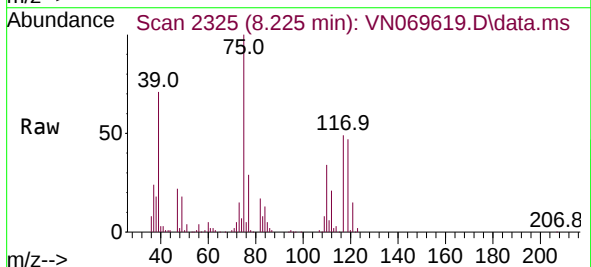
Tgt Ion: 75 Resp: 286920

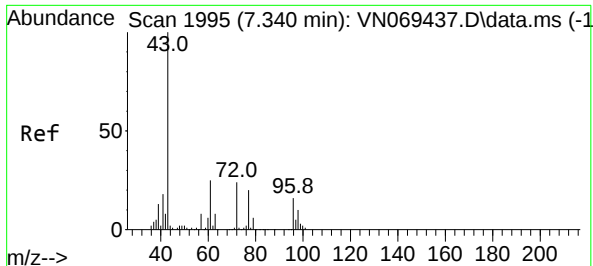
Ion Ratio Lower Upper

75 100

110 33.8 0.0 74.2

77 30.9 0.0 63.2





#30

2-Butanone

Concen: 97.463 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.003 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

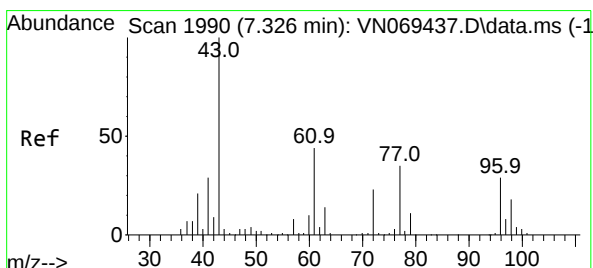
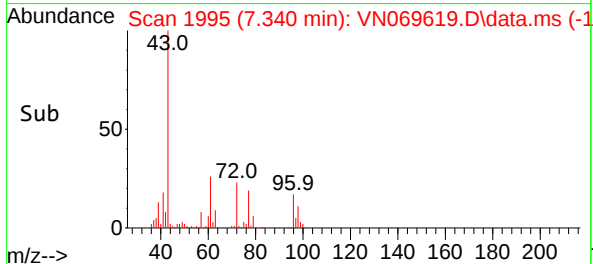
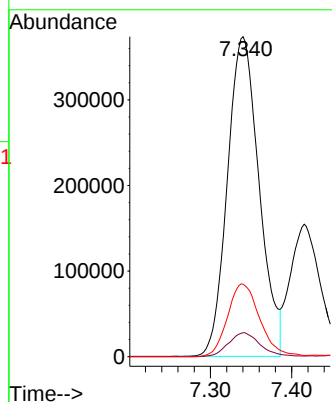
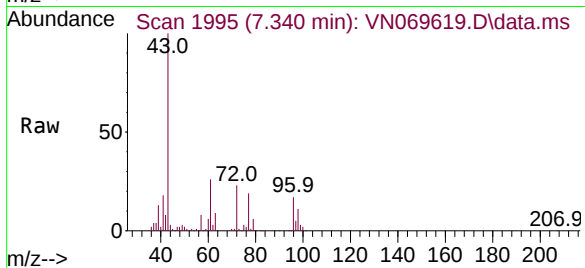
Tgt Ion: 43 Resp: 1013191

Ion Ratio Lower Upper

43 100

57 7.6 6.7 10.1

72 23.2 23.2 34.8



#31

2,2-Dichloropropane

Concen: 17.921 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VN069619.D

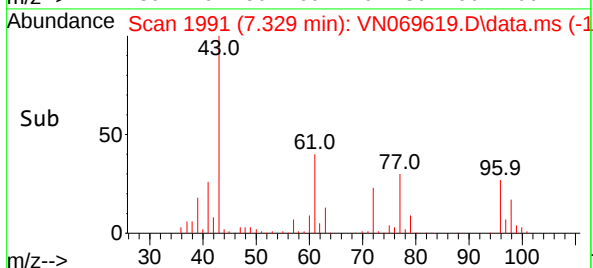
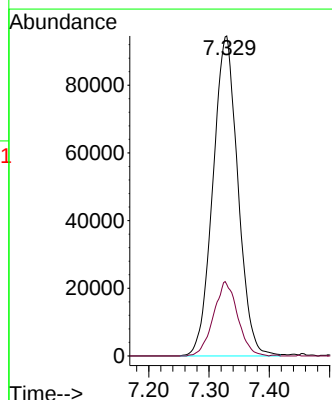
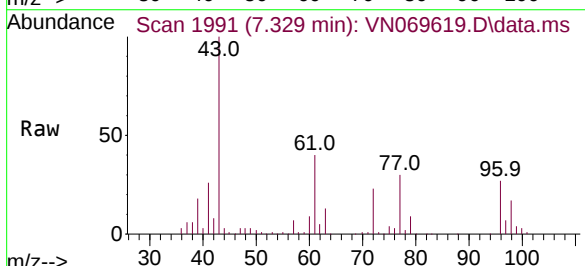
Acq: 22 Nov 2021 19:10

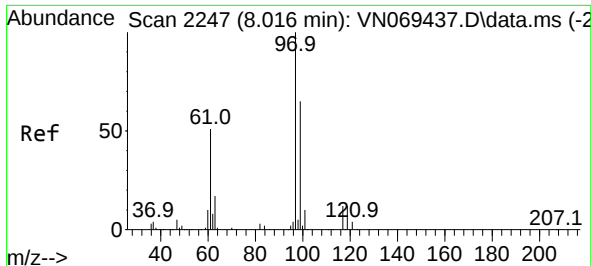
Tgt Ion: 77 Resp: 272094

Ion Ratio Lower Upper

77 100

97 22.5 18.3 27.5

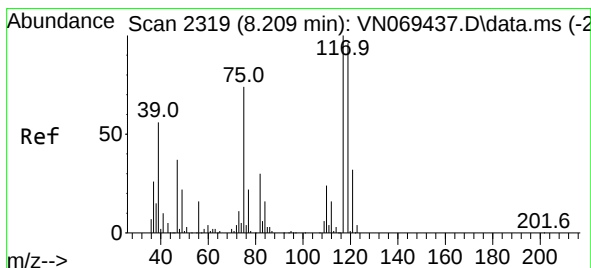
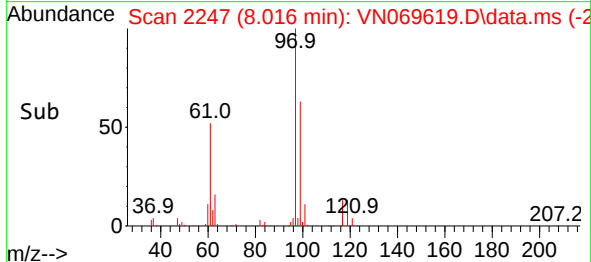
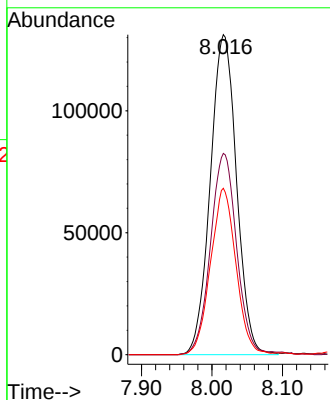
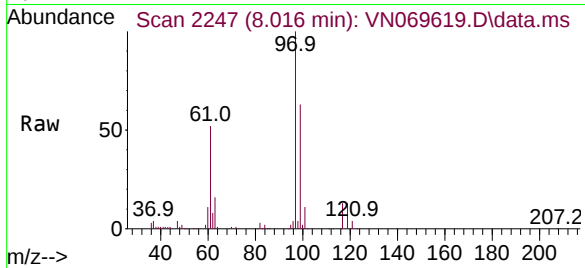




#32
1,1,1-Trichloroethane
Concen: 20.248 ug/l
RT: 8.016 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

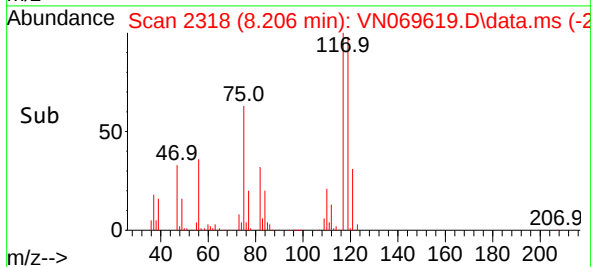
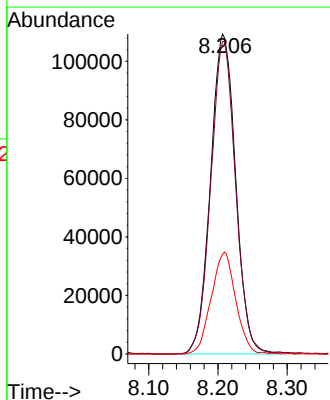
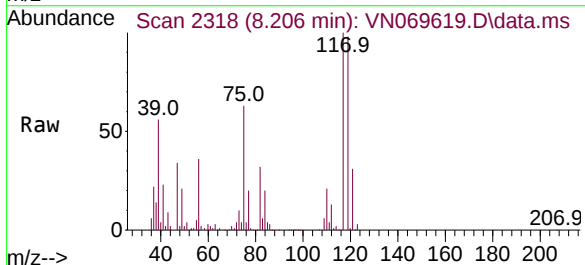
Instrument :
MSVOA_N
ClientSampleId :

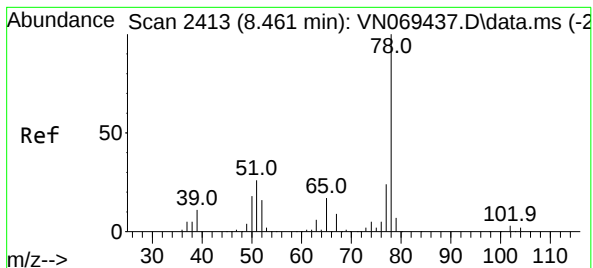
Tgt Ion: 97 Resp: 339494
Ion Ratio Lower Upper
97 100
99 62.6 50.4 75.6
61 50.4 34.6 51.8



#33
Carbon Tetrachloride
Concen: 19.891 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 117 Resp: 275450
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3
121 31.1 23.5 35.3





#34

Benzene

Concen: 20.682 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

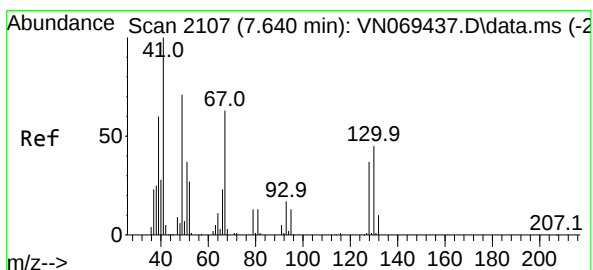
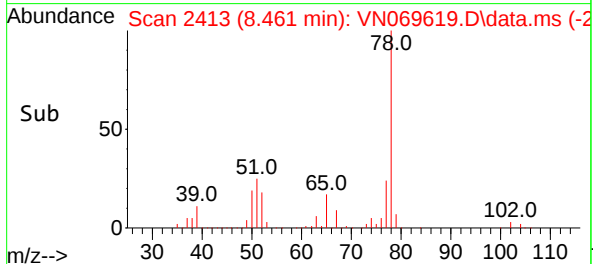
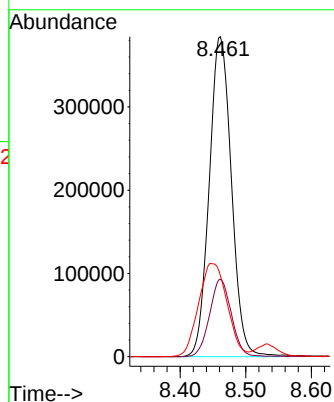
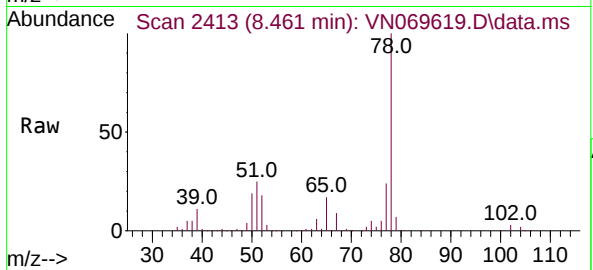
Tgt Ion: 78 Resp: 903309

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7

51 24.8 16.0 24.0#



#35

Methacrylonitrile

Concen: 19.818 ug/l

RT: 7.638 min Scan# 2106

Delta R.T. 0.003 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Tgt Ion: 41 Resp: 188958

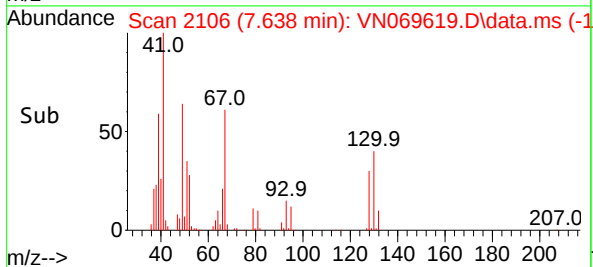
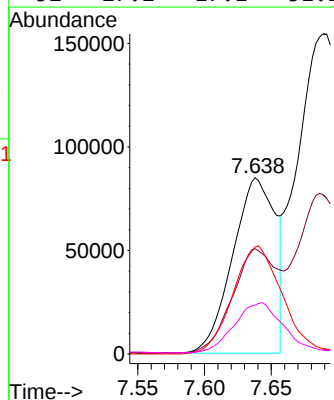
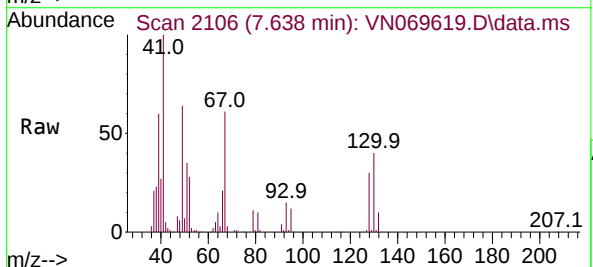
Ion Ratio Lower Upper

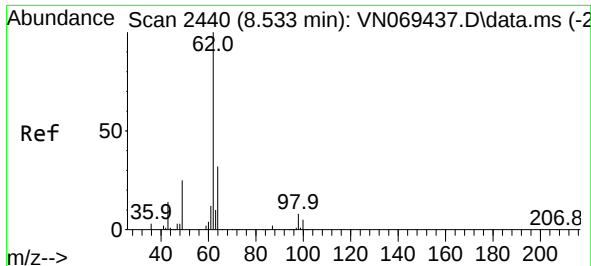
41 100

39 59.1 28.0 83.9

67 61.1 37.7 113.1

52 27.2 17.1 51.2

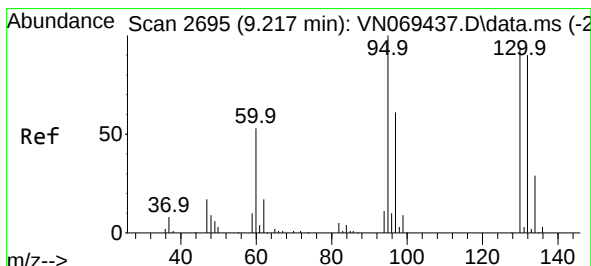
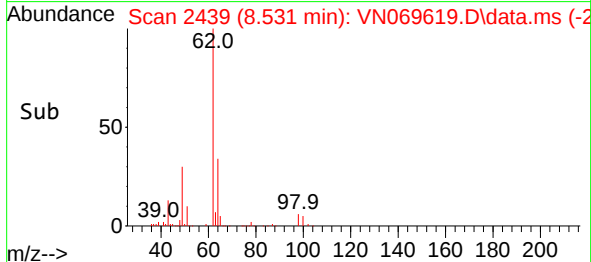
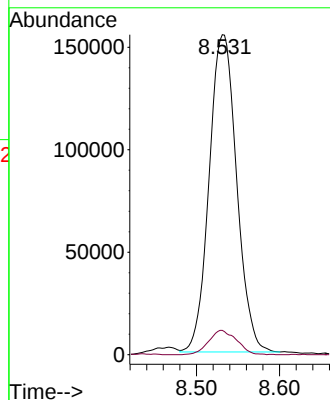
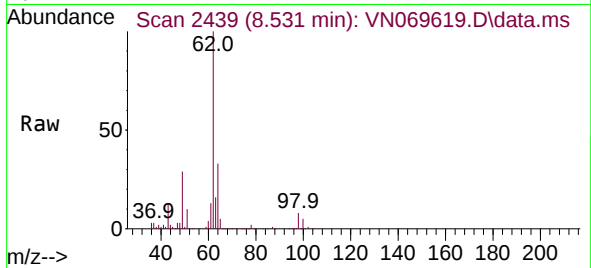




#36
1,2-Dichloroethane
Concen: 21.142 ug/l
RT: 8.531 min Scan# 24
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

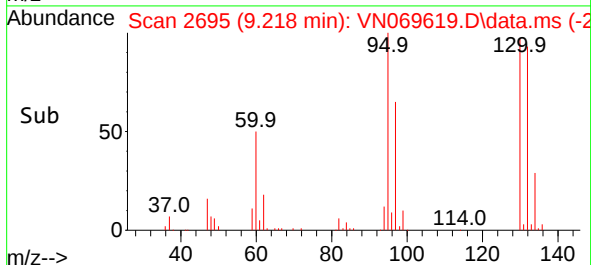
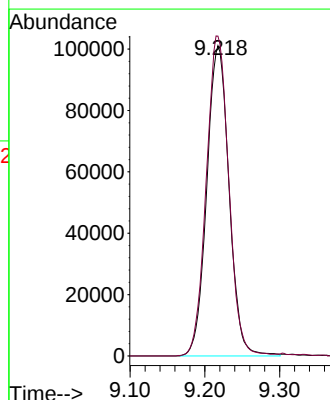
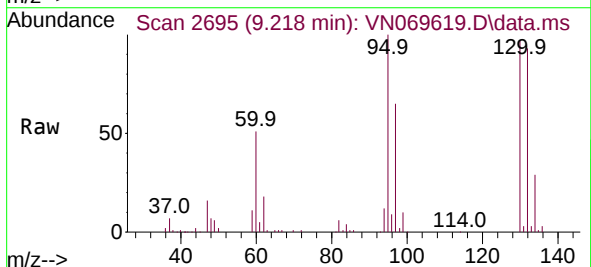
Instrument :
MSVOA_N
ClientSampleId :

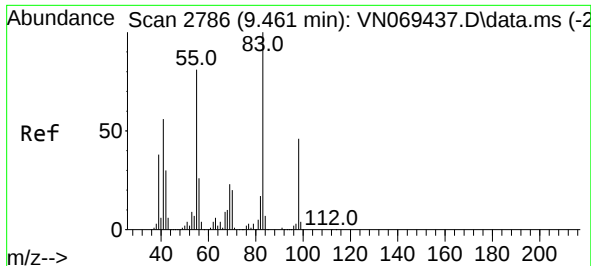
Tgt Ion: 62 Resp: 355990
Ion Ratio Lower Upper
62 100
98 7.8 6.6 10.0



#37
Trichloroethene
Concen: 19.871 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 130 Resp: 209672
Ion Ratio Lower Upper
130 100
95 102.9 76.6 115.0

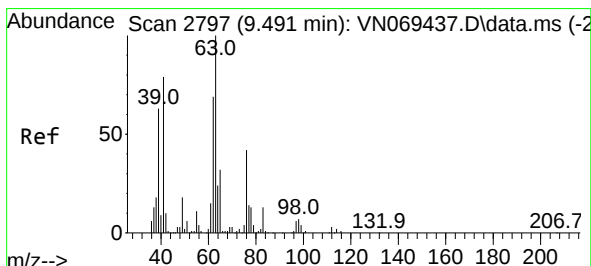
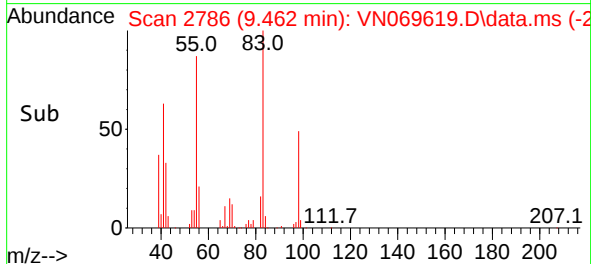
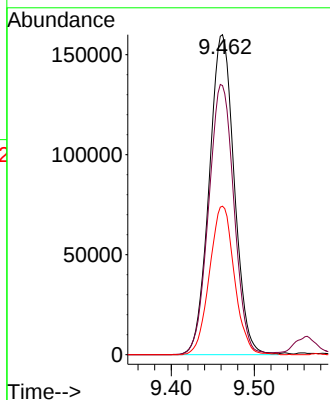
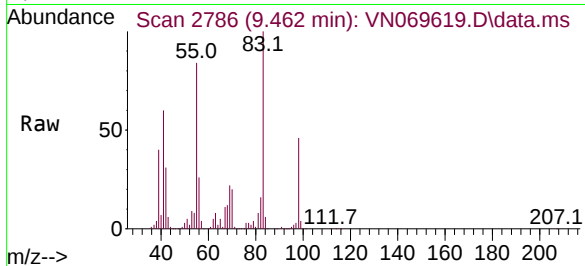




#38
Methylcyclohexane
Concen: 18.900 ug/l
RT: 9.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

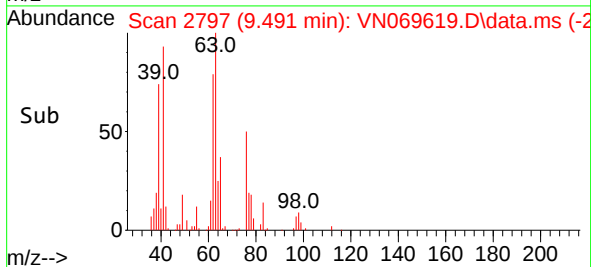
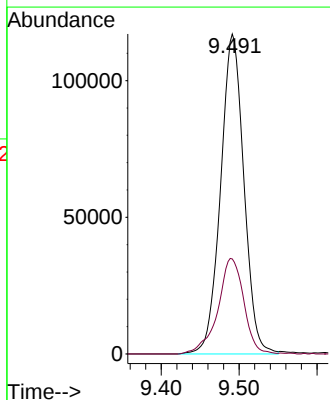
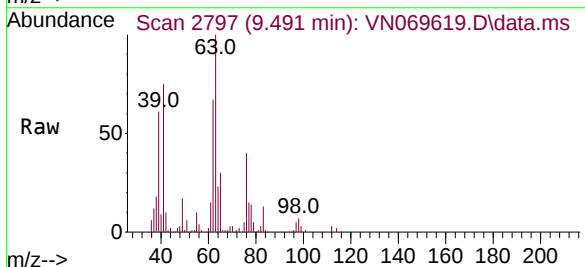
Instrument :
MSVOA_N
ClientSampleId :

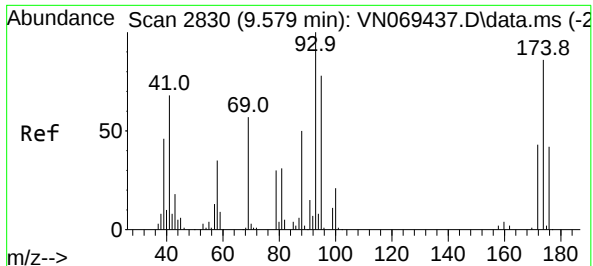
Tgt Ion: 83 Resp: 335835
Ion Ratio Lower Upper
83 100
55 85.3 35.1 105.3
98 45.8 23.4 70.2



#39
1,2-Dichloropropane
Concen: 20.998 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 63 Resp: 242894
Ion Ratio Lower Upper
63 100
65 29.7 24.2 36.4

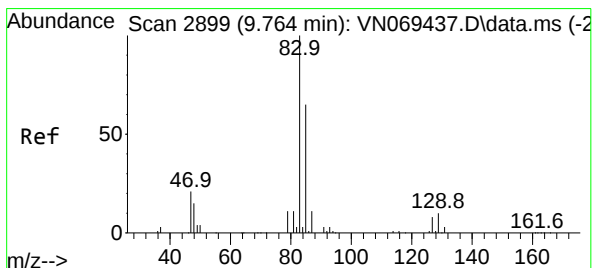
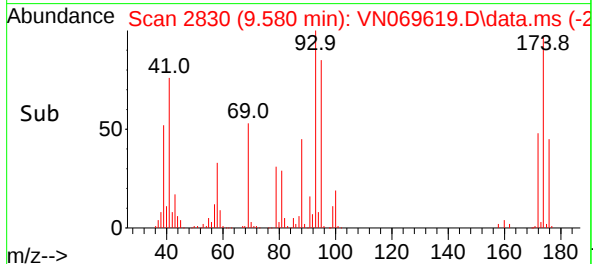
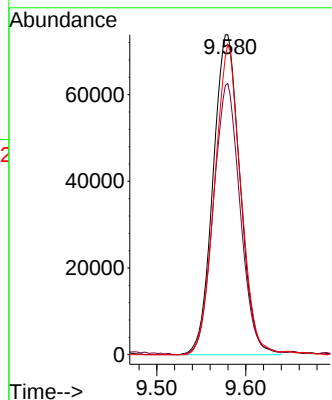
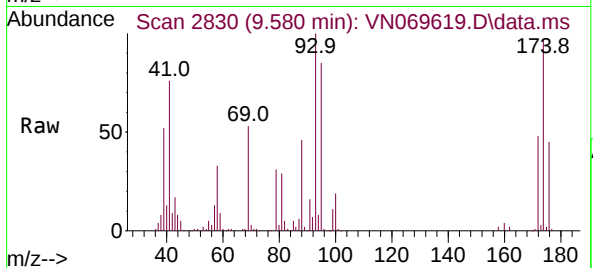




#40
Dibromomethane
Concen: 20.064 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

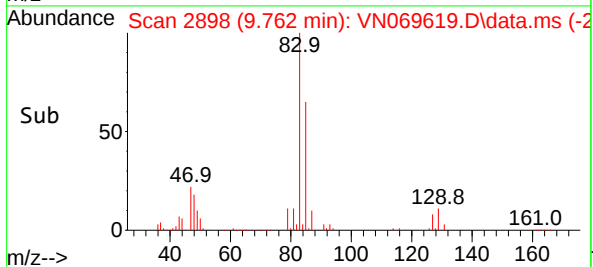
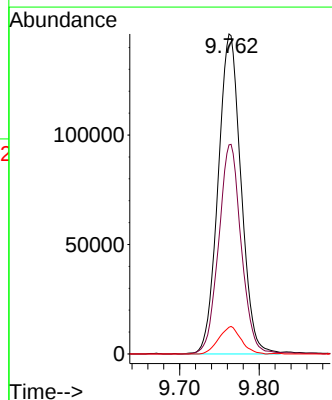
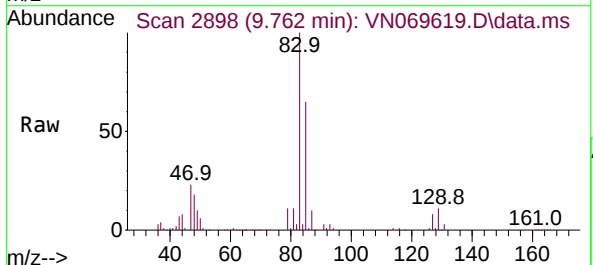
Instrument :
MSVOA_N
ClientSampleId :

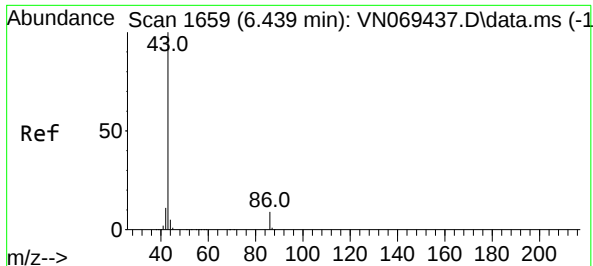
Tgt Ion: 93 Resp: 155437
Ion Ratio Lower Upper
93 100
95 84.3 0.0 168.8
174 93.9 0.0 173.6



#41
Bromodichloromethane
Concen: 20.099 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 83 Resp: 292253
Ion Ratio Lower Upper
83 100
85 65.4 54.1 81.1
127 8.3 7.6 11.4





#42

Vinyl Acetate

Concen: 89.184 ug/l

RT: 6.439 min Scan# 1

Delta R.T. 0.003 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

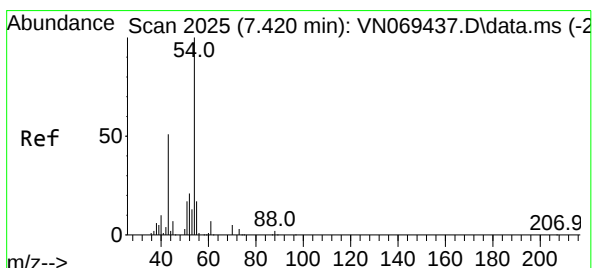
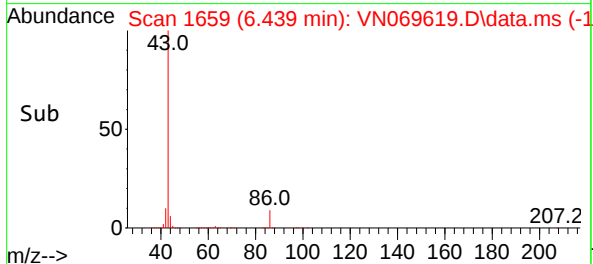
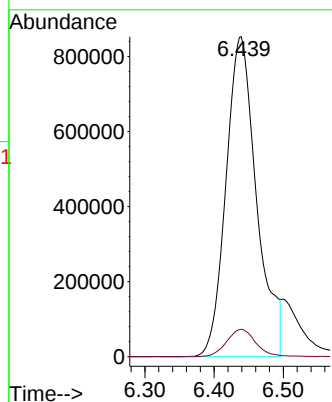
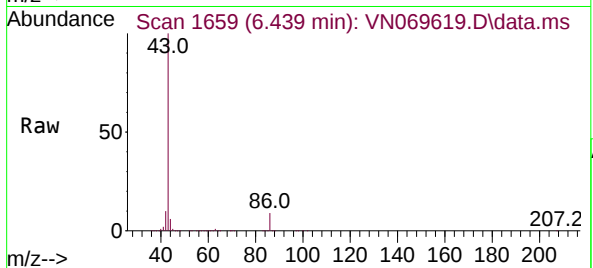
ClientSampleId :

Tgt Ion: 43 Resp: 2620072

Ion Ratio Lower Upper

43 100

86 8.1 7.5 11.3



#43

Ethyl Acetate

Concen: 20.364 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.003 min

Lab File: VN069619.D

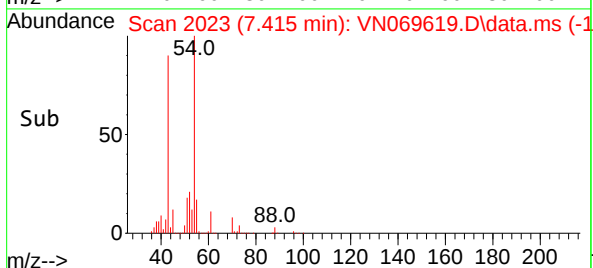
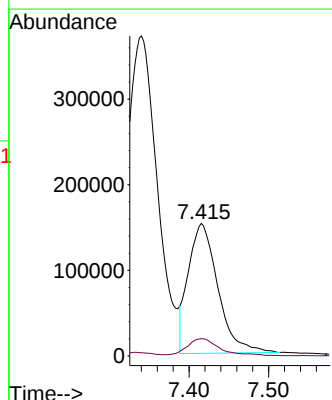
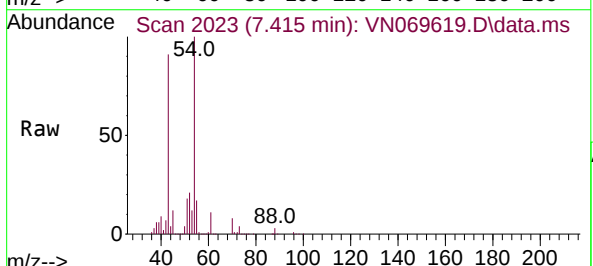
Acq: 22 Nov 2021 19:10

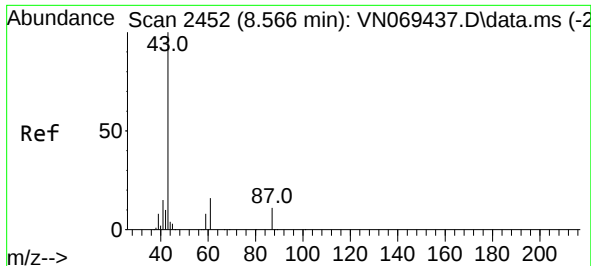
Tgt Ion: 43 Resp: 392314

Ion Ratio Lower Upper

43 100

45 12.0 10.6 16.0

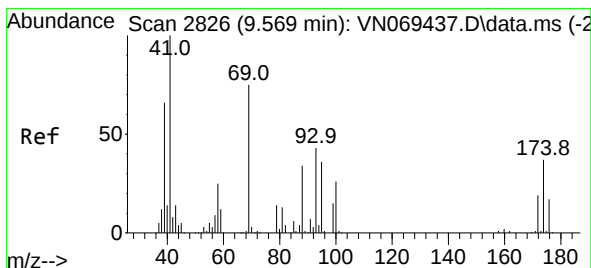
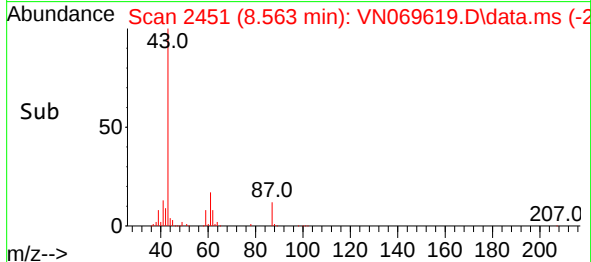
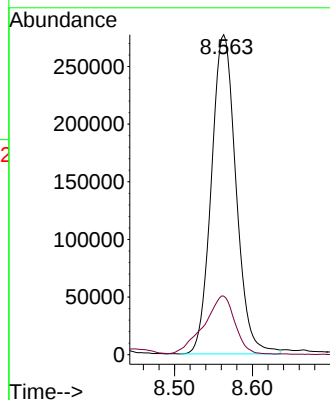
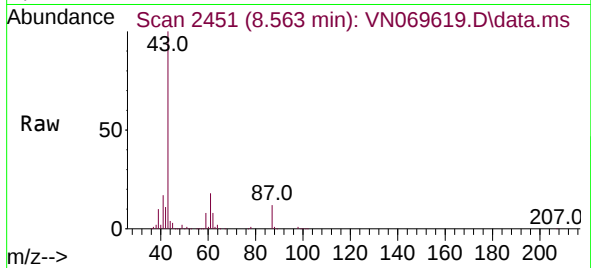




#44
Isopropyl Acetate
Concen: 20.283 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

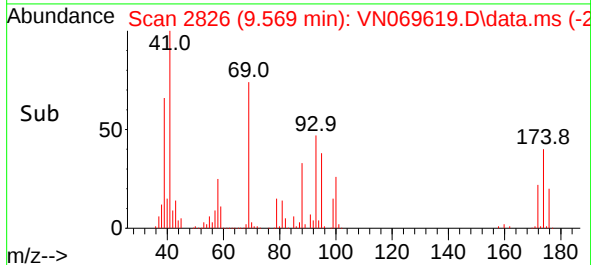
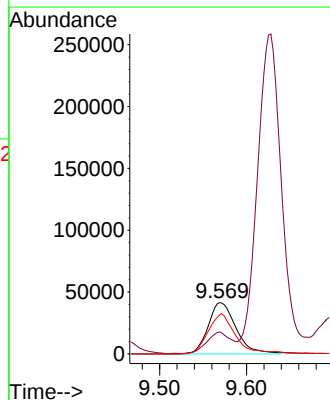
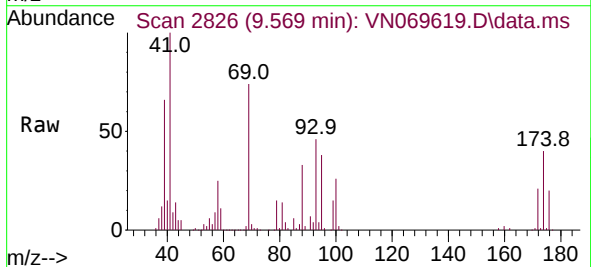
Instrument :
MSVOA_N
ClientSampleId :

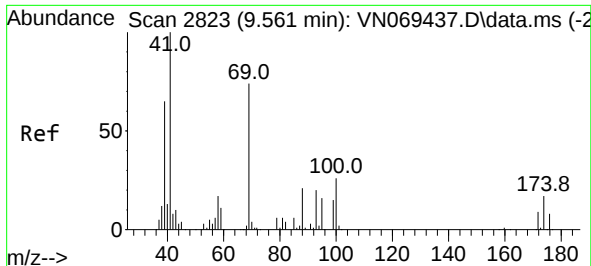
Tgt Ion: 43 Resp: 609195
Ion Ratio Lower Upper
43 100
61 22.4 20.1 30.1



#45
1,4-Dioxane
Concen: 378.994 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 88 Resp: 92403
Ion Ratio Lower Upper
88 100
43 36.1 25.0 37.6
58 72.6 49.4 74.2

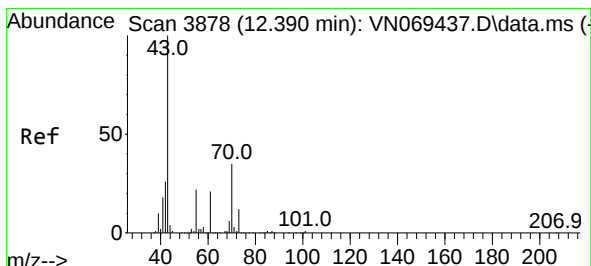
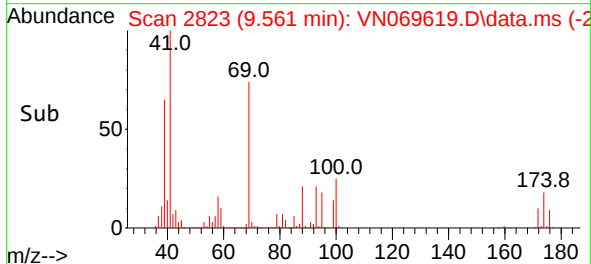
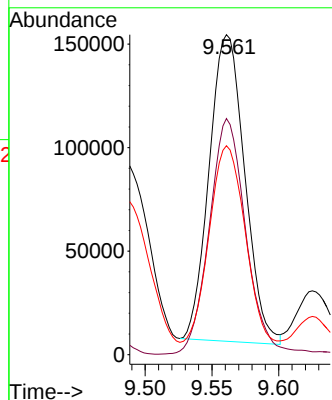
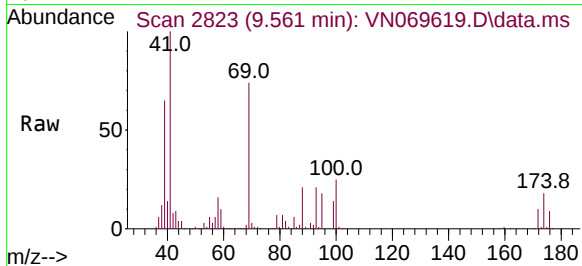




#46
Methyl methacrylate
Concen: 19.790 ug/l
RT: 9.561 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

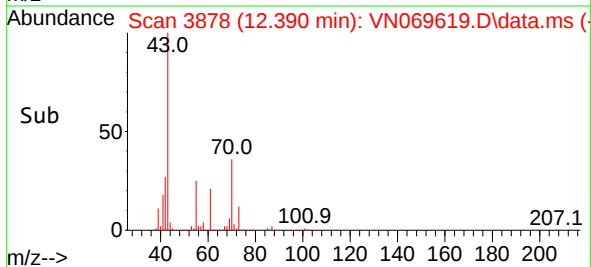
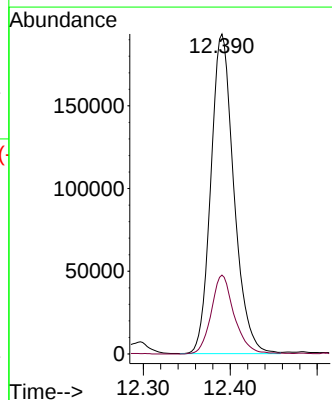
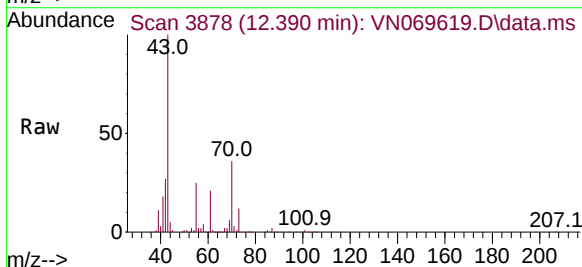
Instrument :
MSVOA_N
ClientSampleId :

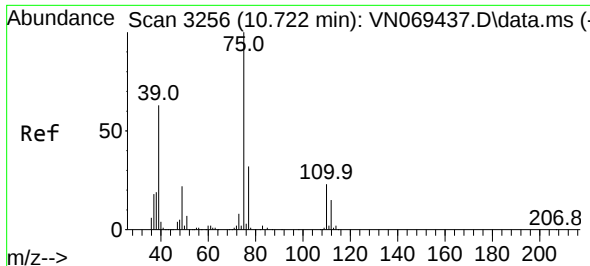
Tgt Ion: 41 Resp: 273756
Ion Ratio Lower Upper
41 100
69 76.5 44.4 133.2
39 64.7 39.9 119.6



#47
n-amy1 Acetate
Concen: 15.428 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 43 Resp: 355827
Ion Ratio Lower Upper
43 100
55 24.8 19.0 28.6

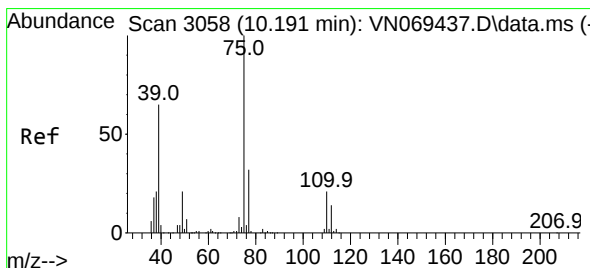
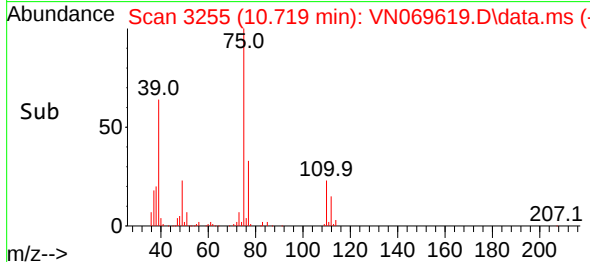
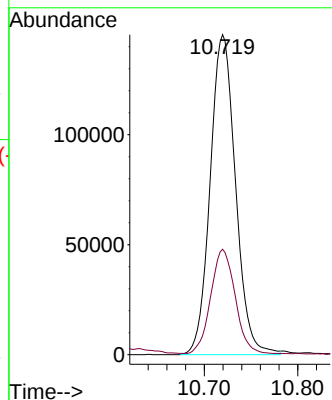
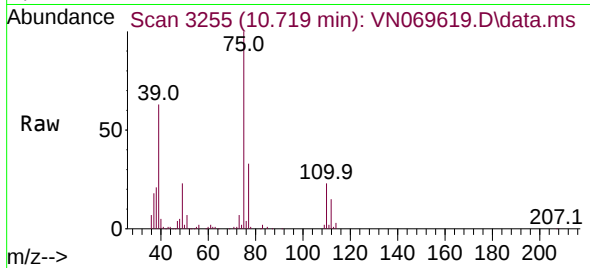




#48
 t-1,3-Dichloropropene
 Concen: 17.570 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN069619.D
 Acq: 22 Nov 2021 19:10

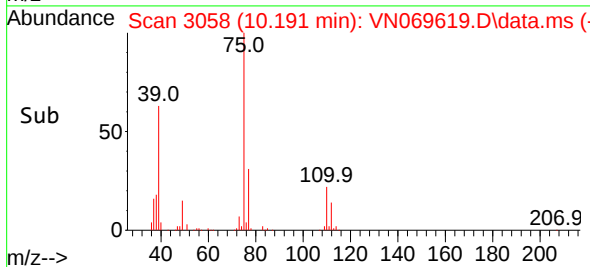
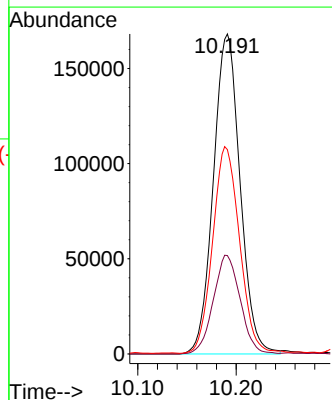
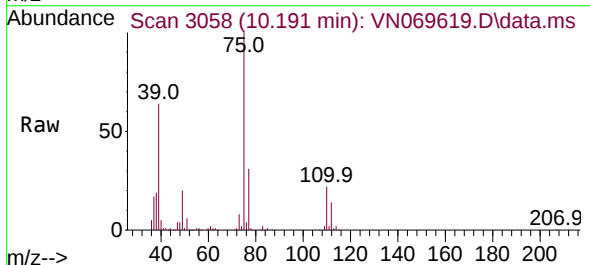
Instrument :
 MSVOA_N
 ClientSampleId :

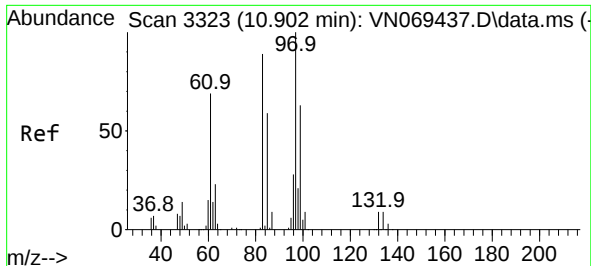
Tgt Ion: 75 Resp: 274186
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9



#49
 cis-1,3-Dichloropropene
 Concen: 18.722 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN069619.D
 Acq: 22 Nov 2021 19:10

Tgt Ion: 75 Resp: 317910
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.3 37.9
 39 63.6 46.2 69.4





#50

1,1,2-Trichloroethane

Concen: 19.730 ug/l

RT: 10.899 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 217053

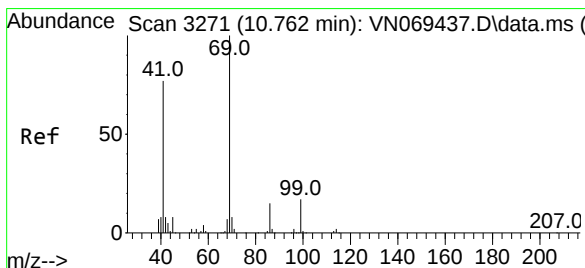
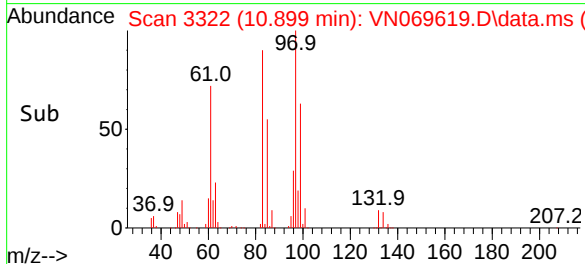
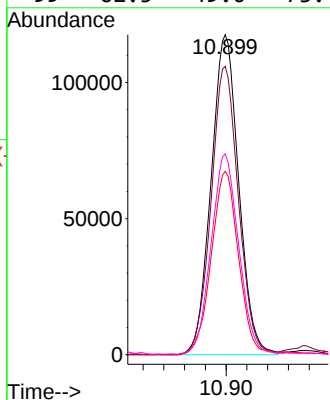
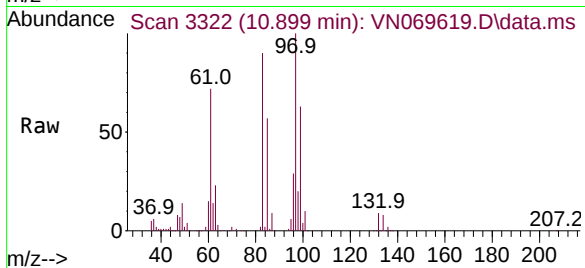
Ion Ratio Lower Upper

97 100

83 90.1 67.2 100.8

85 57.3 43.0 64.4

99 62.5 49.0 73.4



#51

Ethyl methacrylate

Concen: 18.318 ug/l

RT: 10.762 min Scan# 3271

Delta R.T. 0.000 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

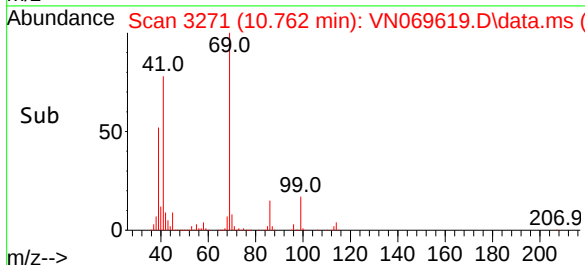
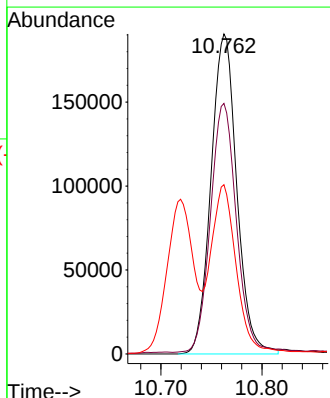
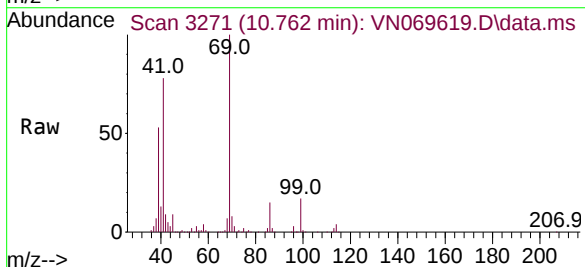
Tgt Ion: 69 Resp: 337868

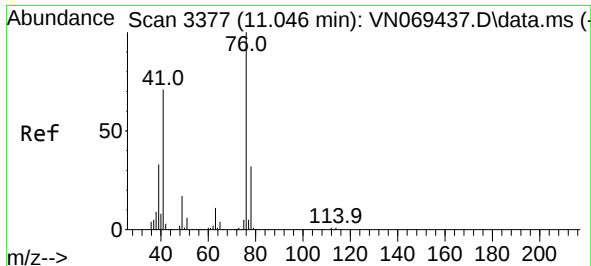
Ion Ratio Lower Upper

69 100

41 77.7 33.0 98.9

39 51.7 25.4 76.4

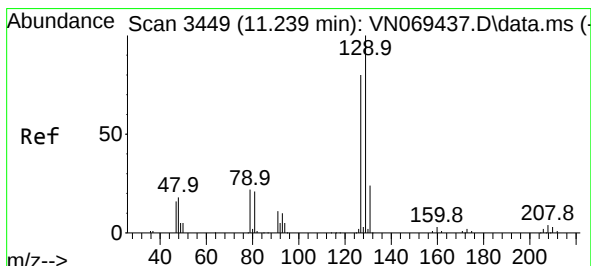
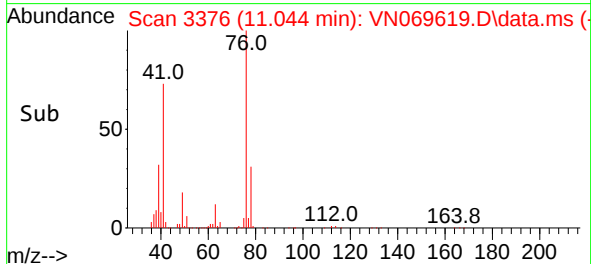
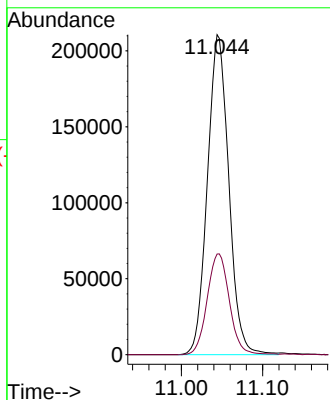
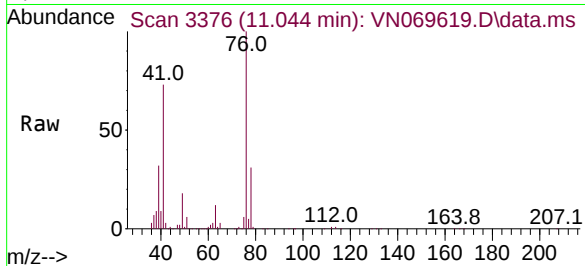




#52
1,3-Dichloropropane
Concen: 20.271 ug/l
RT: 11.044 min Scan# 3377
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

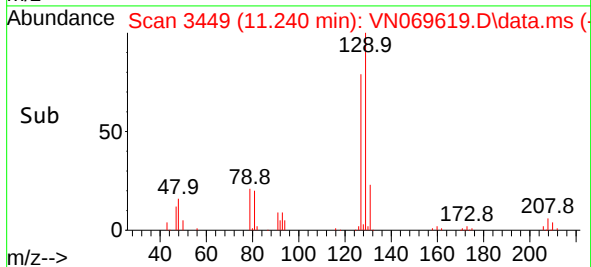
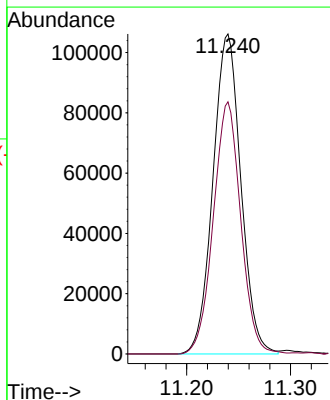
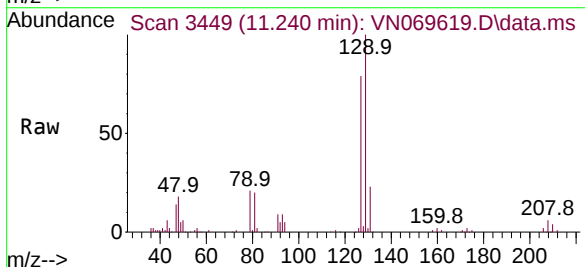
Instrument :
MSVOA_N
ClientSampleId :

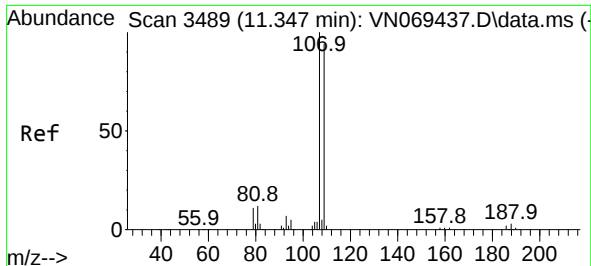
Tgt Ion: 76 Resp: 385199
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4



#53
Dibromochloromethane
Concen: 18.880 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 129 Resp: 198478
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

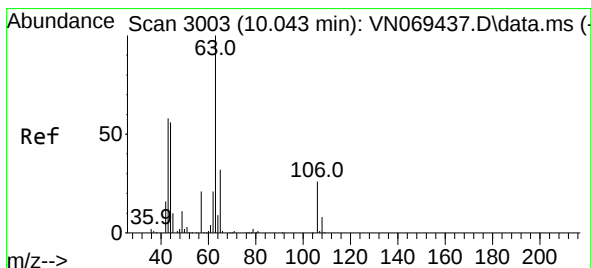
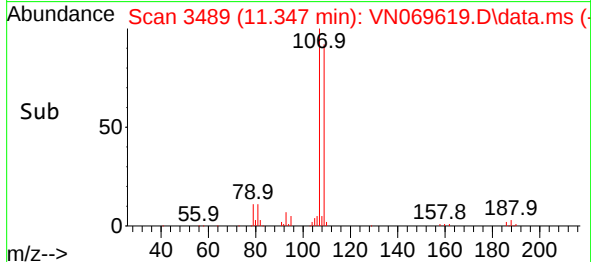
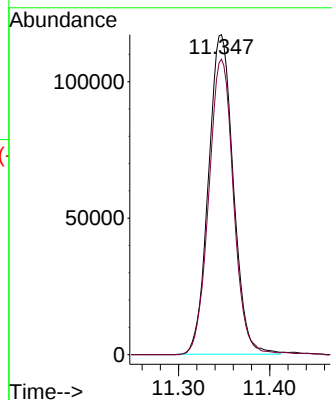
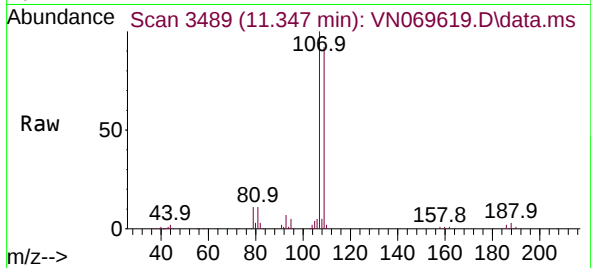




#54
1,2-Dibromoethane
Concen: 19.491 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

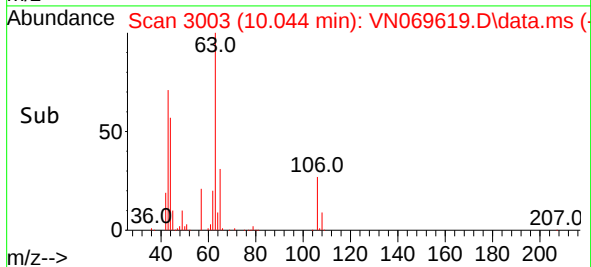
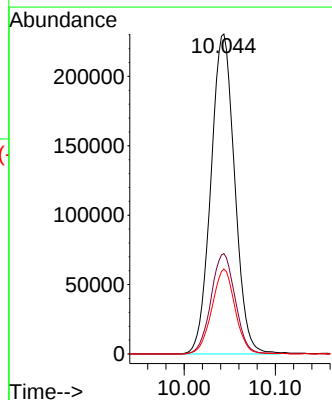
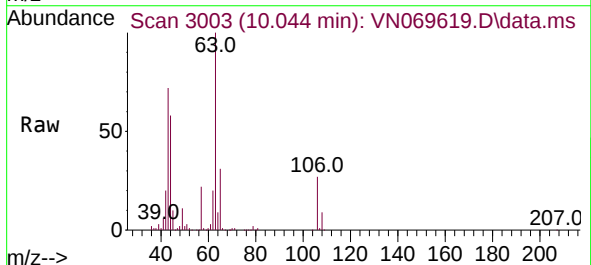
Instrument :
MSVOA_N
ClientSampleId :

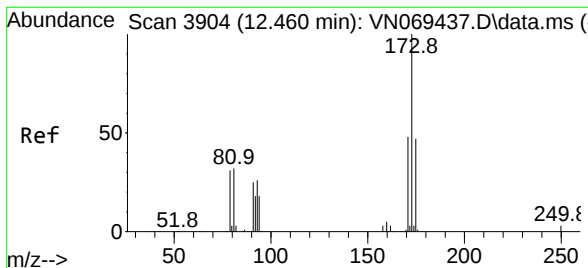
Tgt Ion:107 Resp: 222063
Ion Ratio Lower Upper
107 100
109 91.9 72.8 109.2



#55
2-Chloroethyl vinyl ether
Concen: 99.577 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 63 Resp: 417765
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.0
106 25.9 23.2 34.8

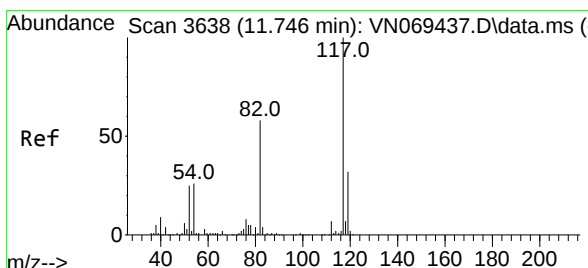
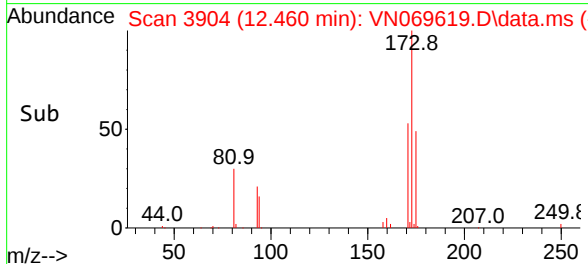
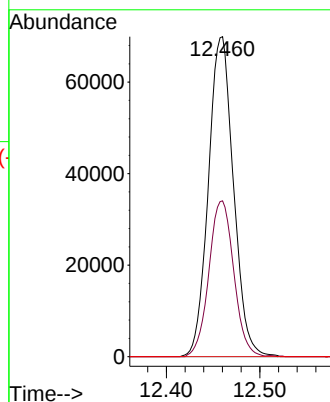
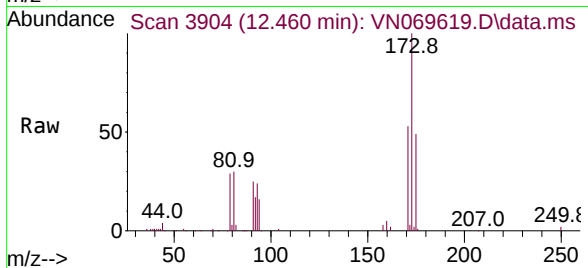




#56
Bromoform
Concen: 17.299 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

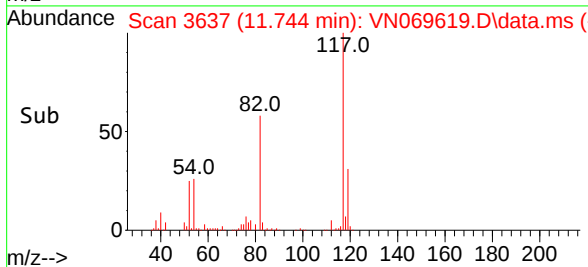
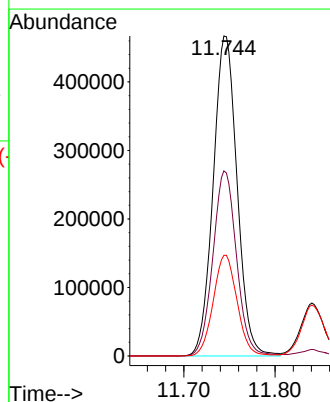
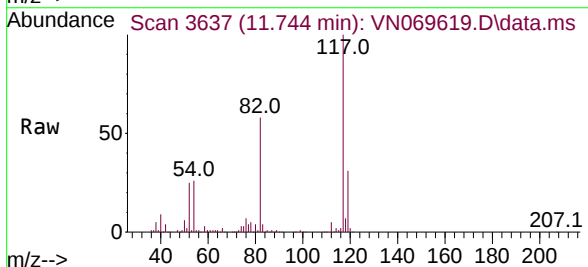
Instrument :
MSVOA_N
ClientSampleId :

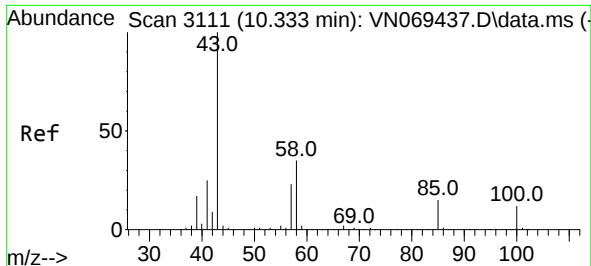
Tgt Ion:173 Resp: 130407
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion:117 Resp: 852250
Ion Ratio Lower Upper
117 100
82 57.4 43.6 65.4
119 31.4 25.8 38.6

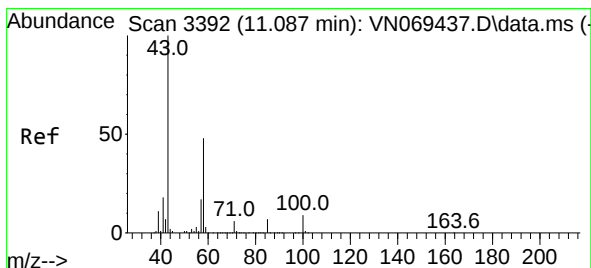
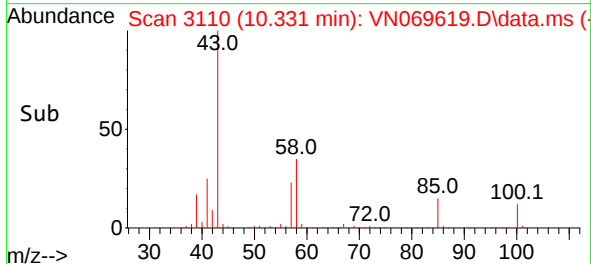
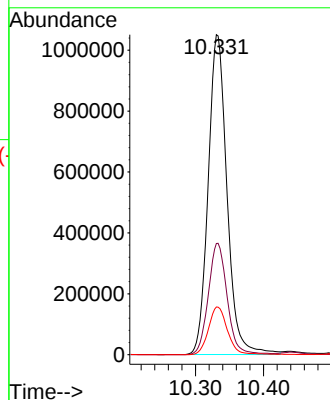
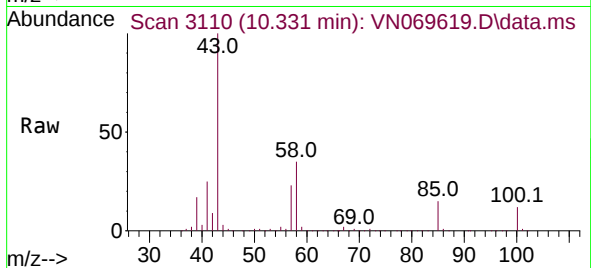




#58
4-Methyl-2-Pentanone
Concen: 108.048 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

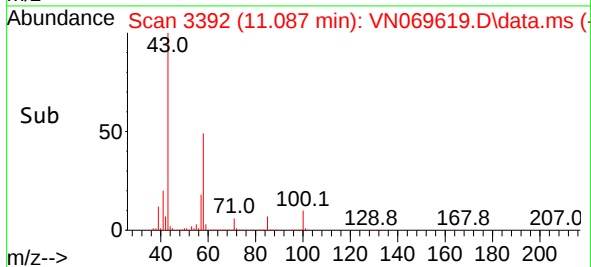
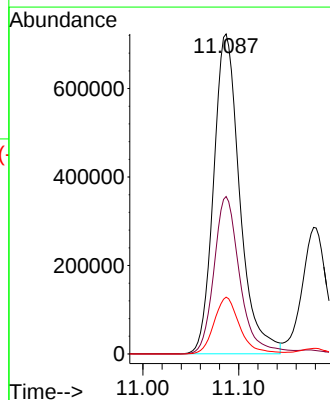
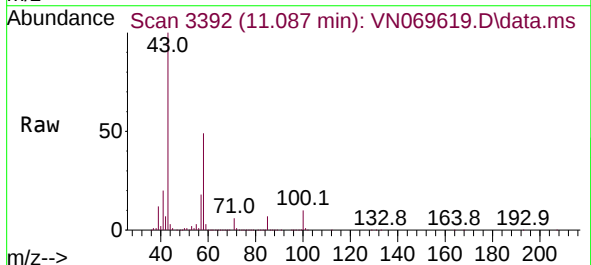
Instrument :
MSVOA_N
ClientSampleId :

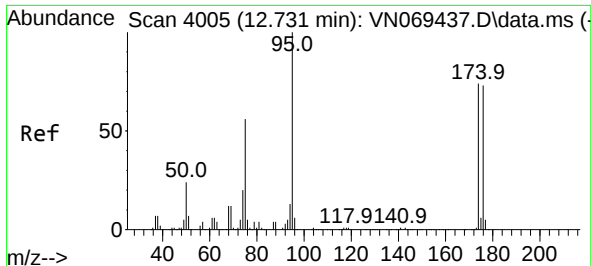
Tgt Ion: 43 Resp: 2021321
Ion Ratio Lower Upper
43 100
58 34.7 30.0 45.0
85 14.8 15.0 22.6#



#59
2-Hexanone
Concen: 96.247 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 43 Resp: 1369611
Ion Ratio Lower Upper
43 100
58 49.0 42.2 63.2
57 17.5 15.0 22.4

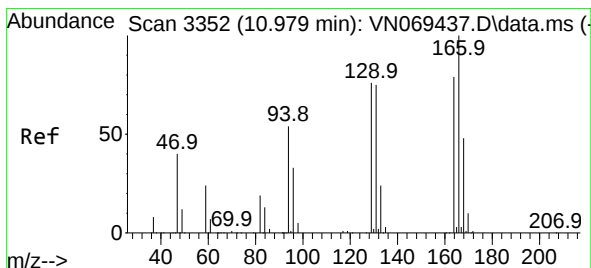
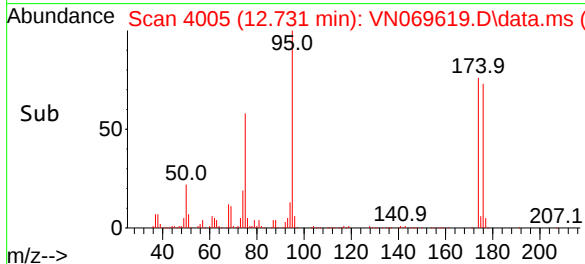
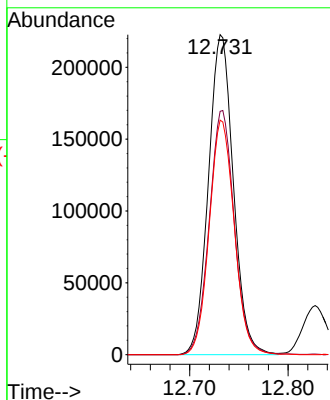
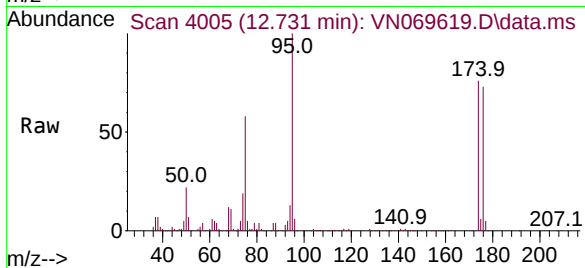




#60
4-Bromofluorobenzene
Concen: 28.769 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

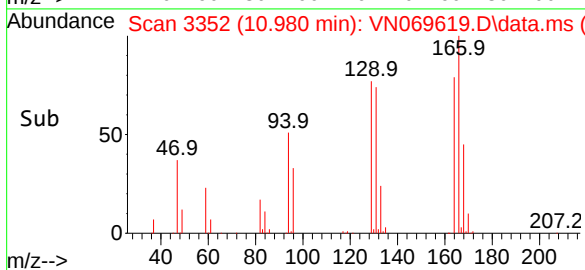
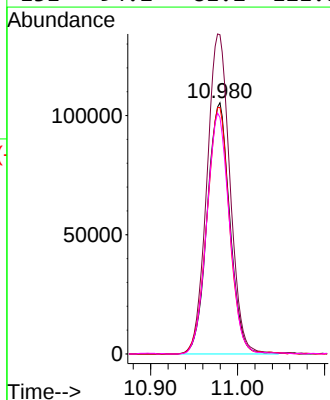
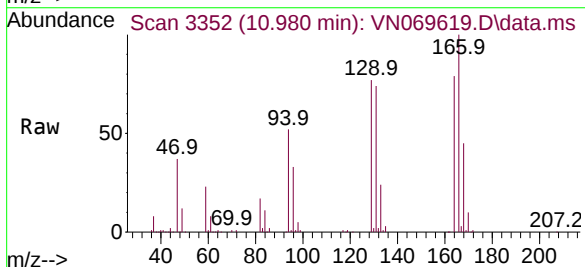
Instrument :
MSVOA_N
ClientSampleId :

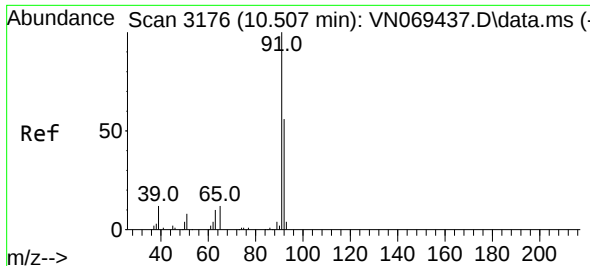
Tgt Ion: 95 Resp: 392367
Ion Ratio Lower Upper
95 100
174 77.0 62.9 94.3
176 73.5 61.0 91.4



#61
Tetrachloroethene
Concen: 20.834 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion:164 Resp: 190569
Ion Ratio Lower Upper
164 100
166 127.1 105.8 158.8
129 98.2 82.5 123.7
131 94.2 81.2 121.8

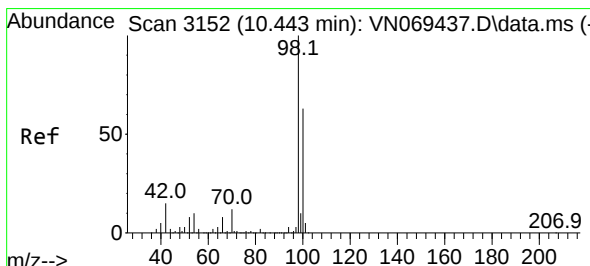
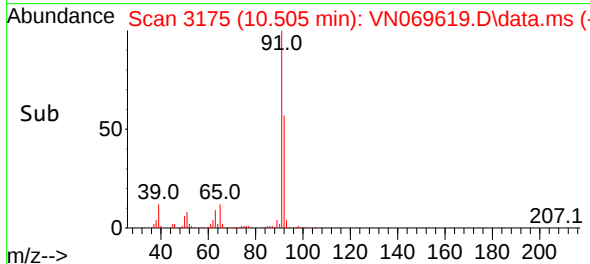
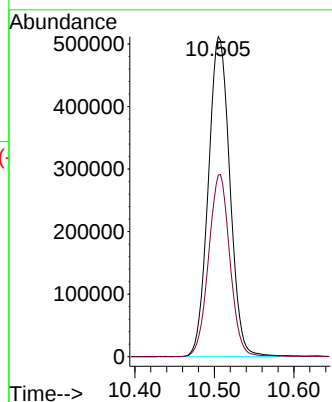
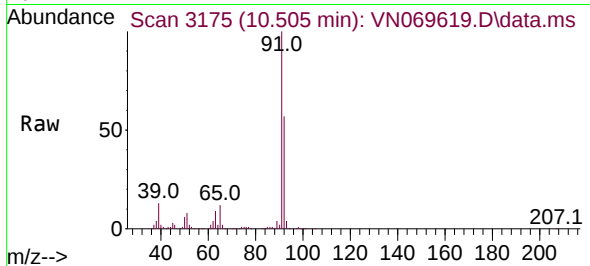




#62
Toluene
Concen: 20.598 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

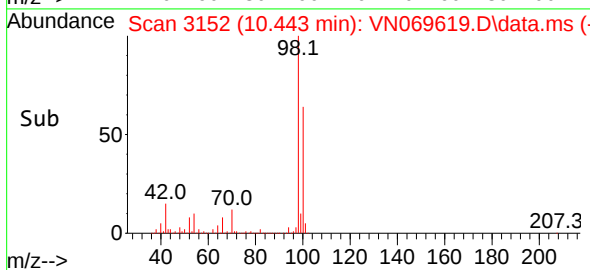
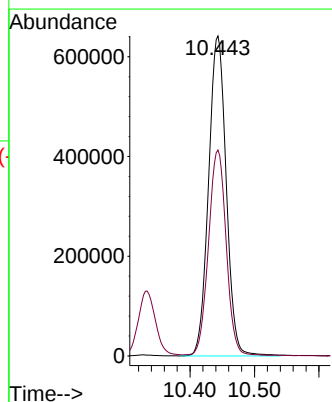
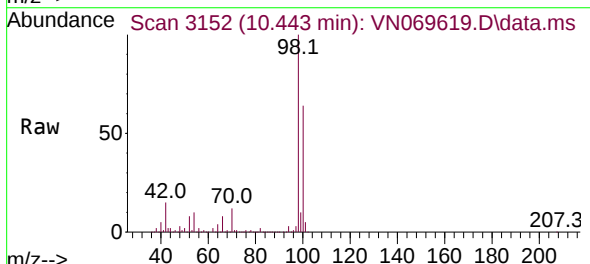
Instrument :
MSVOA_N
ClientSampleId :

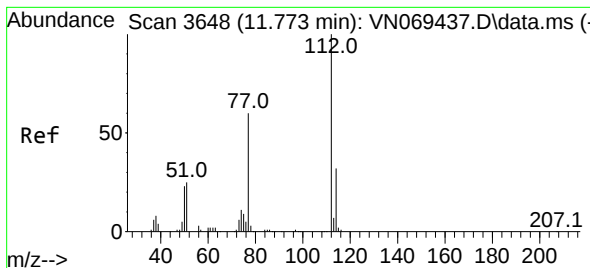
Tgt Ion: 91 Resp: 964648
Ion Ratio Lower Upper
91 100
92 55.9 44.6 67.0



#63
Toluene-d8
Concen: 31.049 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 98 Resp: 1221790
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0





#64

Chlorobenzene

Concen: 19.710 ug/l

RT: 11.771 min Scan# 3647

Delta R.T. -0.002 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

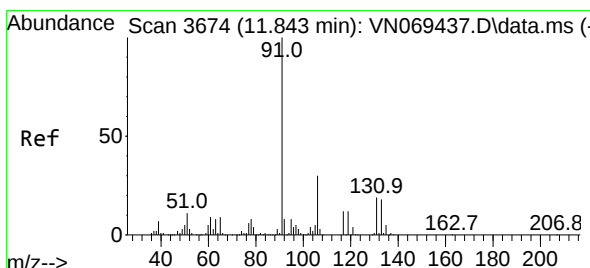
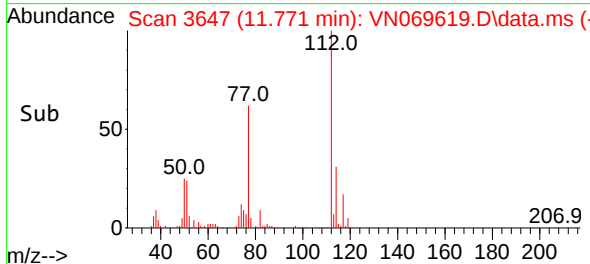
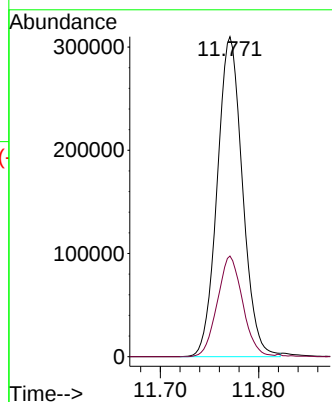
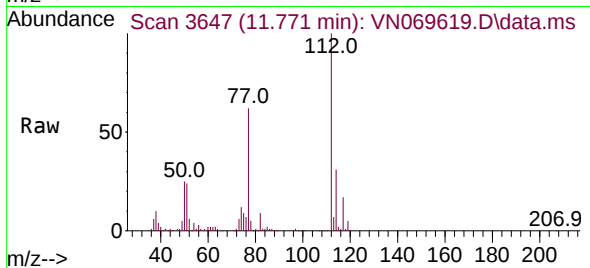
ClientSampleId :

Tgt Ion:112 Resp: 553794

Ion Ratio Lower Upper

112 100

114 31.4 25.8 38.6



#65

1,1,1,2-Tetrachloroethane

Concen: 20.518 ug/l

RT: 11.841 min Scan# 3673

Delta R.T. -0.002 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

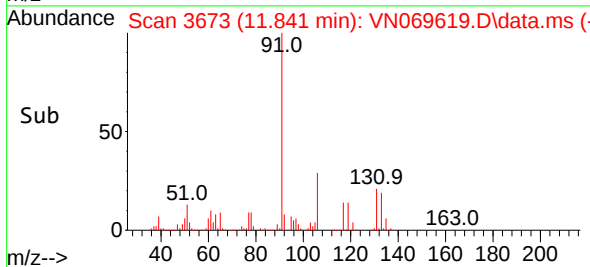
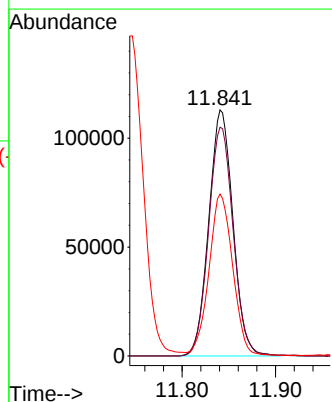
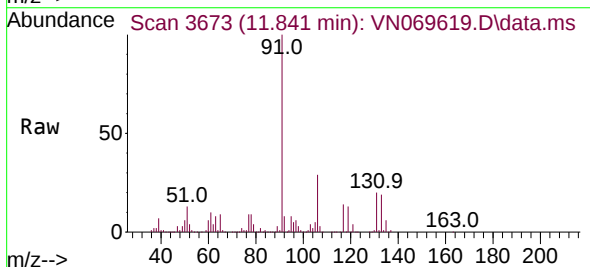
Tgt Ion:131 Resp: 202966

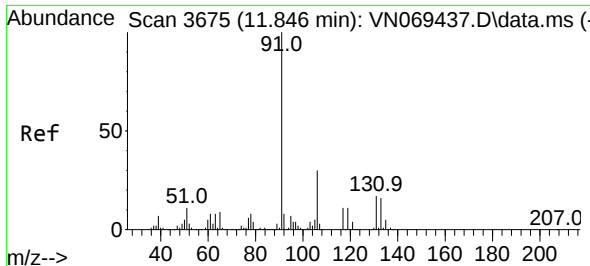
Ion Ratio Lower Upper

131 100

133 94.8 0.0 191.2

119 63.8 0.0 128.8

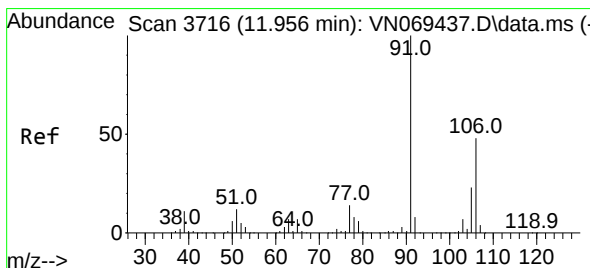
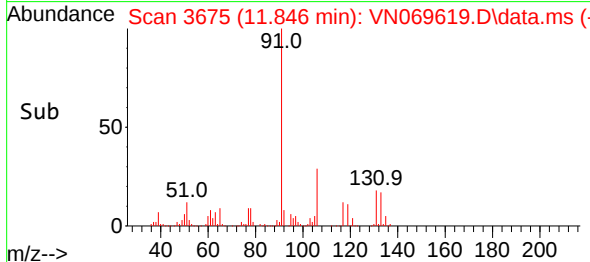
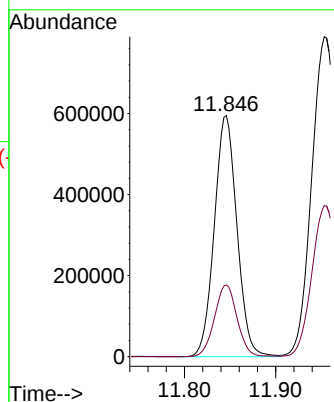
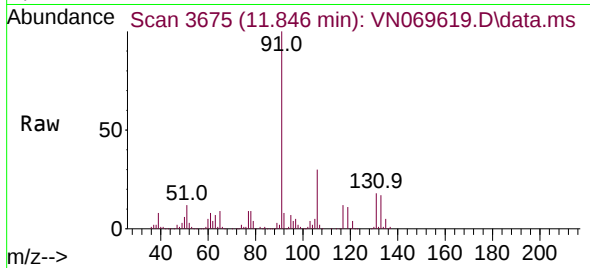




#66
Ethyl Benzene
Concen: 19.779 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

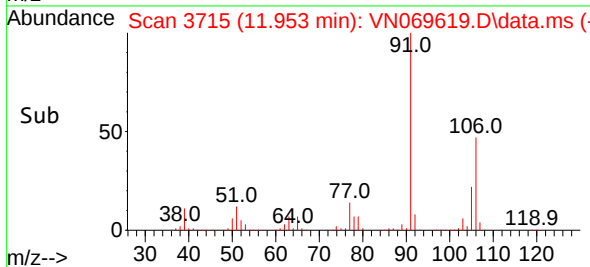
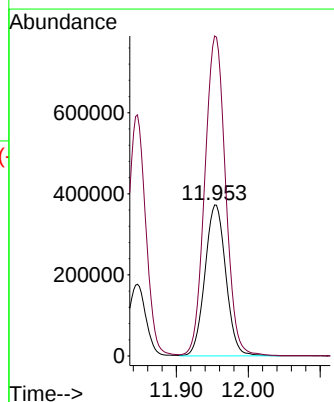
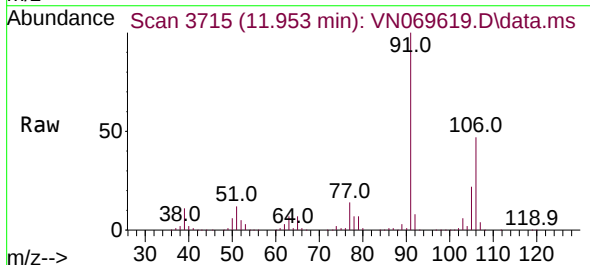
Instrument :
MSVOA_N
ClientSampleId :

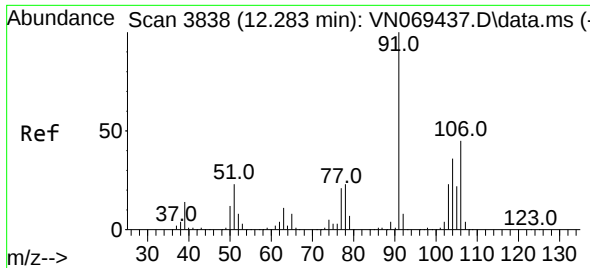
Tgt Ion: 91 Resp: 1025283
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0



#67
m/p-Xylenes
Concen: 39.113 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion:106 Resp: 753064
Ion Ratio Lower Upper
106 100
91 210.2 162.9 244.3

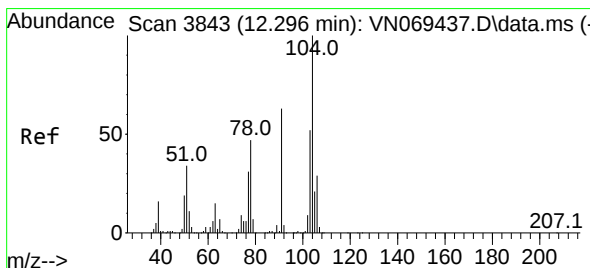
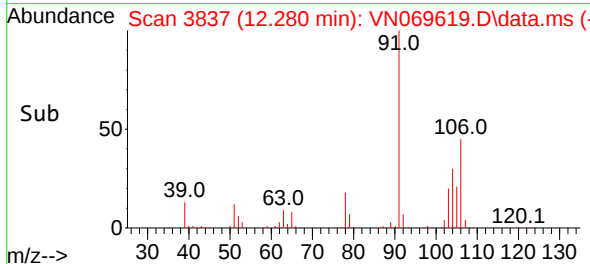
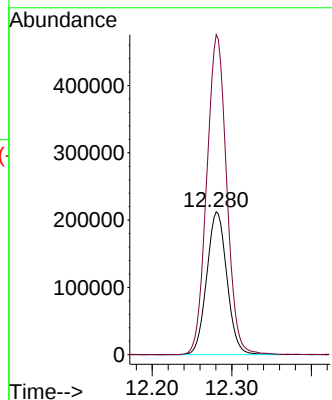
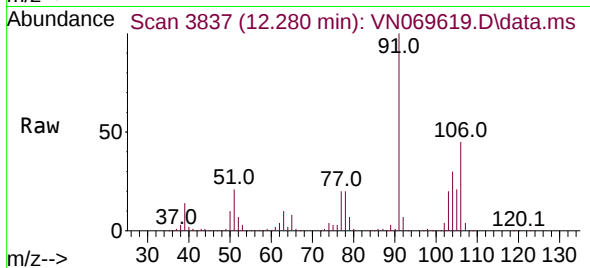




#68
o-Xylene
Concen: 19.452 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

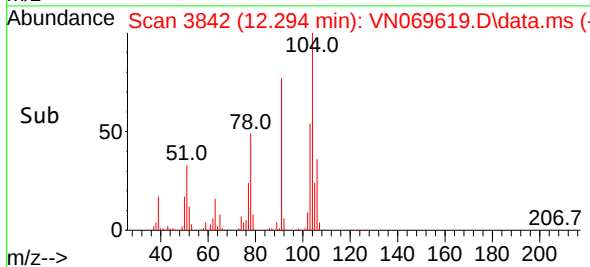
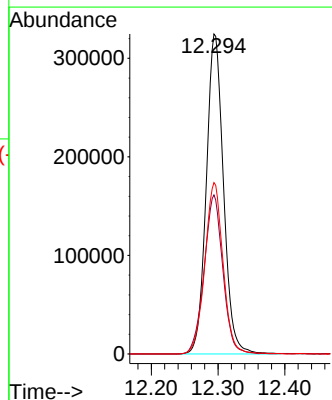
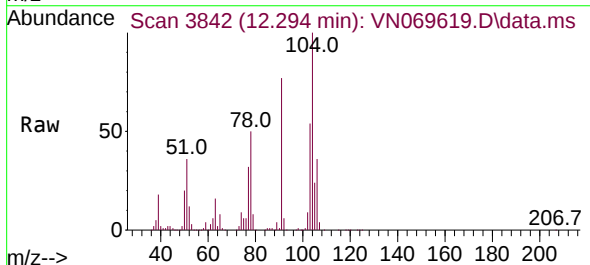
Instrument :
MSVOA_N
ClientSampleId :

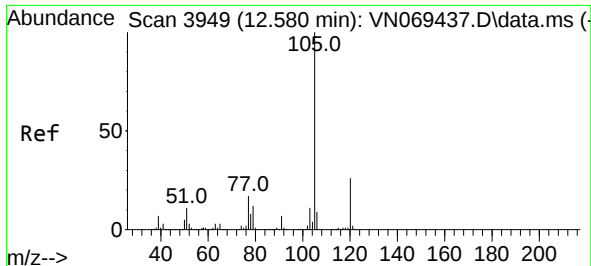
Tgt Ion:106 Resp: 374995
Ion Ratio Lower Upper
106 100
91 220.3 107.7 323.1



#69
Styrene
Concen: 18.618 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion:104 Resp: 581887
Ion Ratio Lower Upper
104 100
78 54.0 40.7 61.1
103 56.7 45.8 68.8

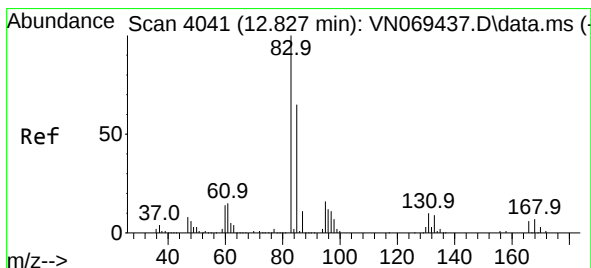
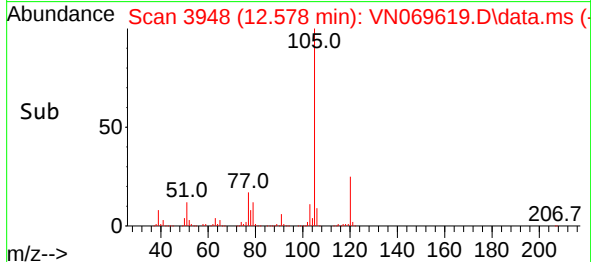
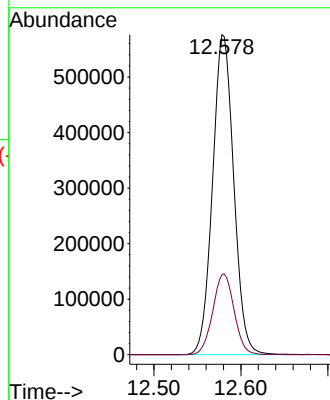
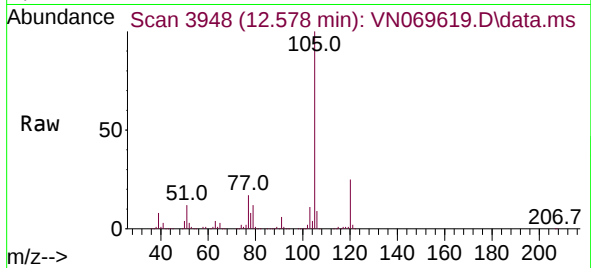




#70
Isopropylbenzene
Concen: 19.324 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

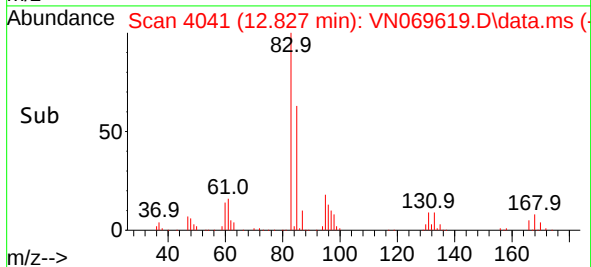
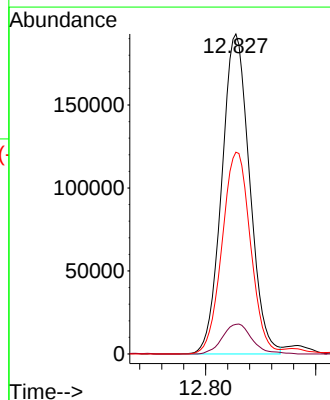
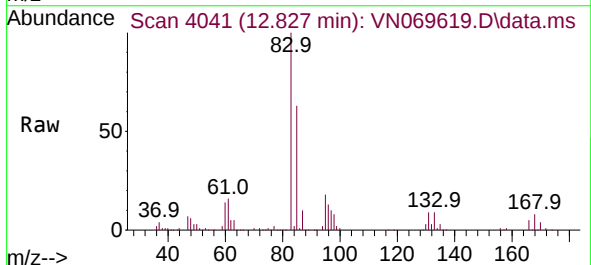
Instrument :
MSVOA_N
ClientSampleId :

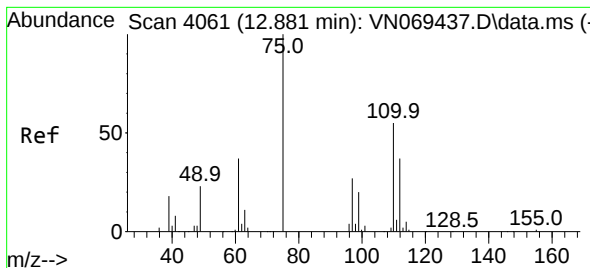
Tgt Ion:105 Resp: 974226
Ion Ratio Lower Upper
105 100
120 25.5 18.3 34.1



#71
1,1,2,2-Tetrachloroethane
Concen: 20.397 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 83 Resp: 339328
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.4 33.1 99.2





#72

1,2,3-Trichloropropane

Concen: 24.481 ug/l

RT: 12.881 min Scan# 4061

Delta R.T. 0.000 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

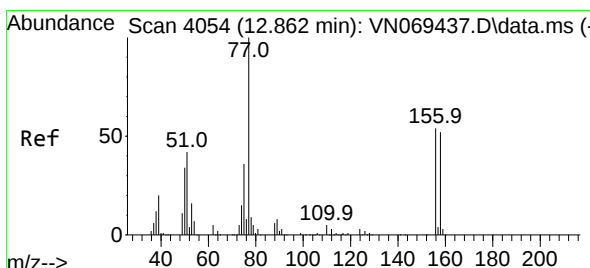
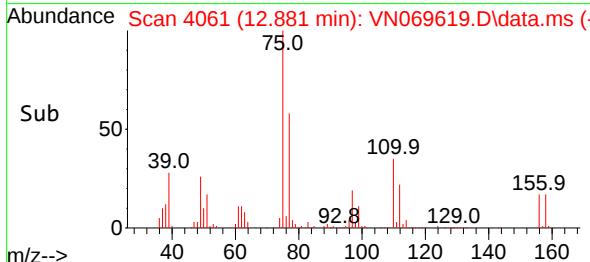
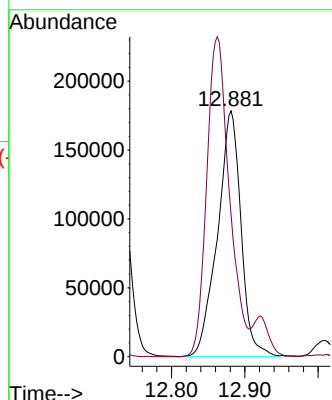
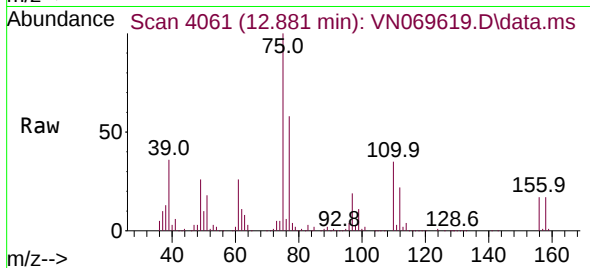
ClientSampleId :

Tgt Ion: 75 Resp: 396753

Ion Ratio Lower Upper

75 100

77 125.8 0.0 378.0



#73

Bromobenzene

Concen: 19.245 ug/l

RT: 12.862 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

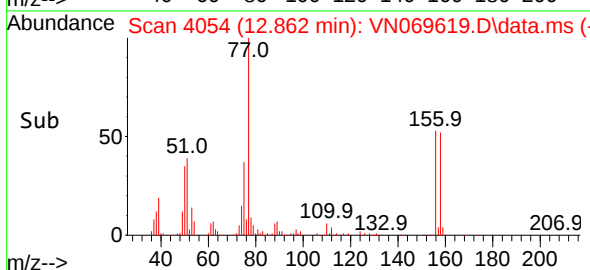
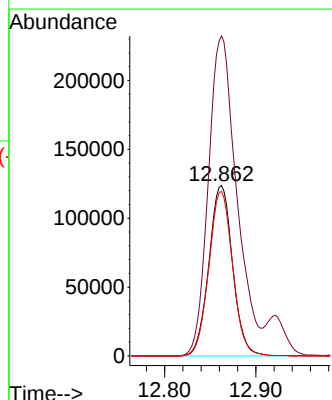
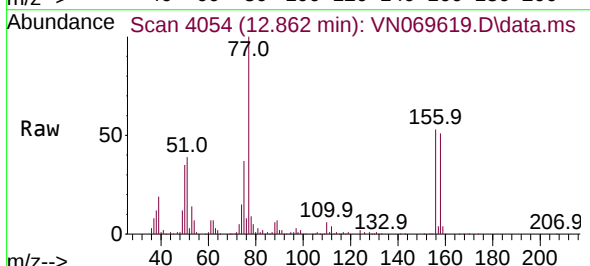
Tgt Ion:156 Resp: 223661

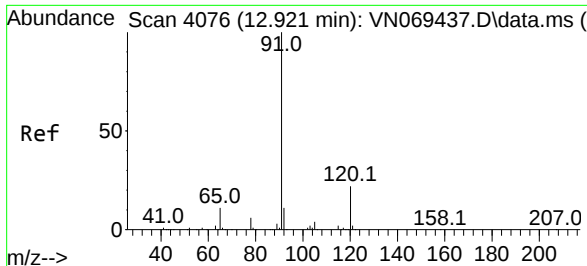
Ion Ratio Lower Upper

156 100

77 223.1 0.0 416.0

158 96.5 0.0 195.4

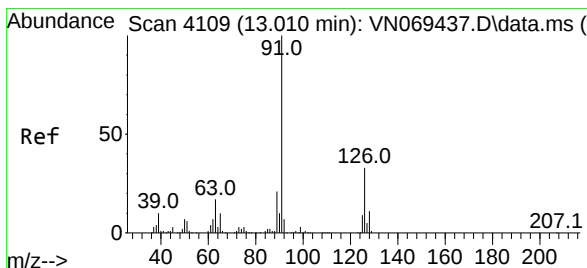
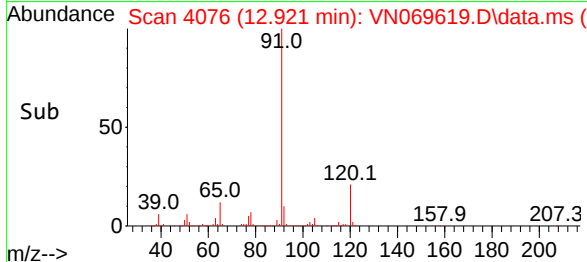
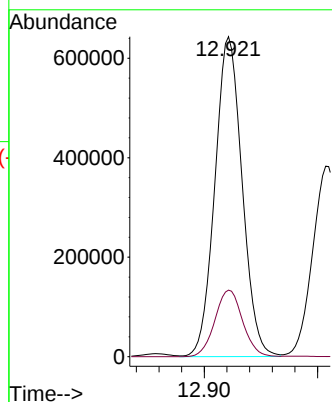
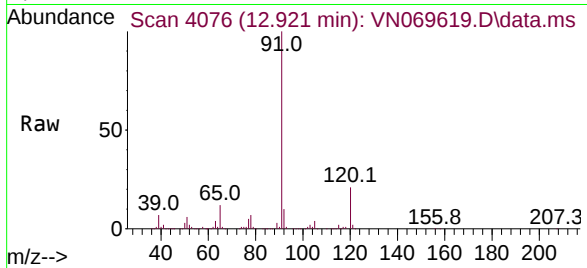




#74
n-propylbenzene
Concen: 18.533 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

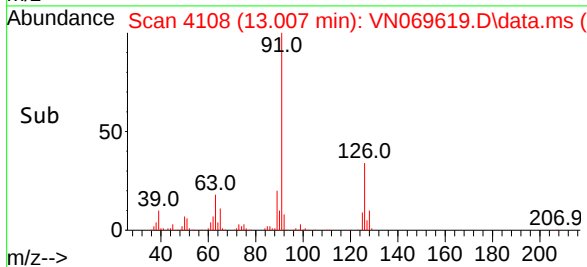
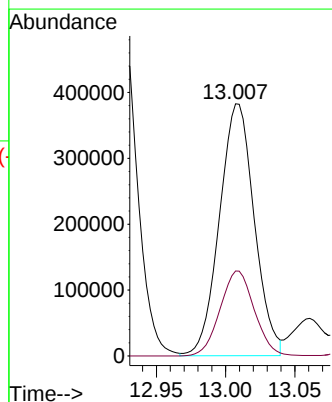
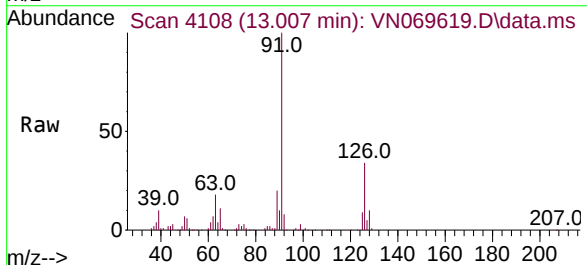
Instrument :
MSVOA_N
ClientSampleId :

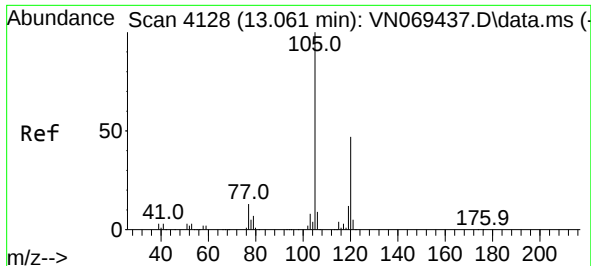
Tgt Ion: 91 Resp: 1073093
Ion Ratio Lower Upper
91 100
120 21.2 0.0 45.0



#75
2-Chlorotoluene
Concen: 18.992 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 91 Resp: 669410
Ion Ratio Lower Upper
91 100
126 33.1 0.0 69.8

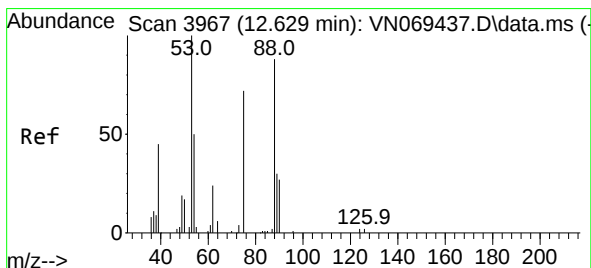
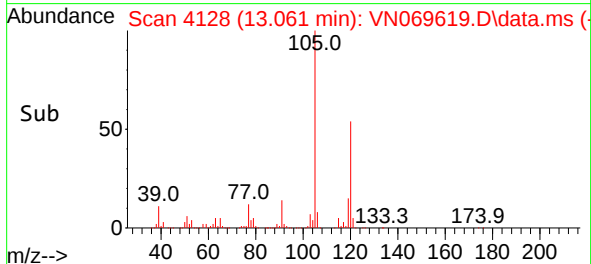
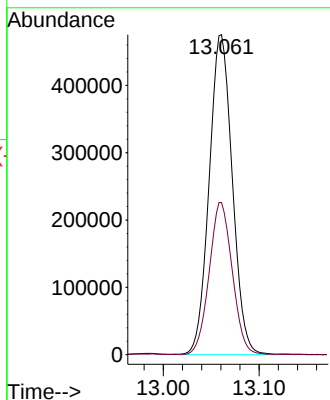
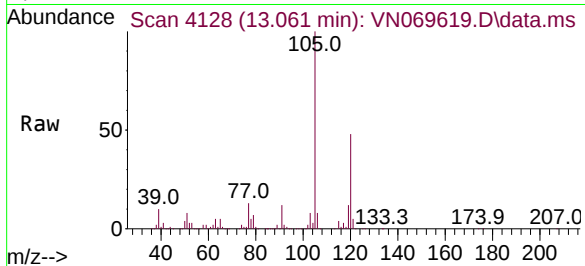




#76
1,3,5-Trimethylbenzene
Concen: 19.268 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

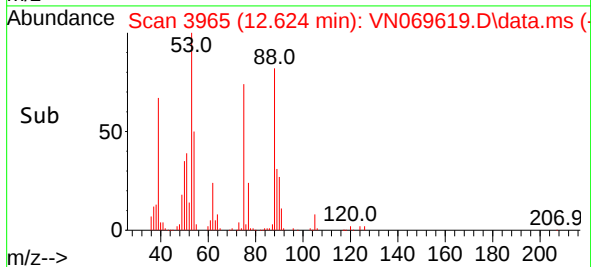
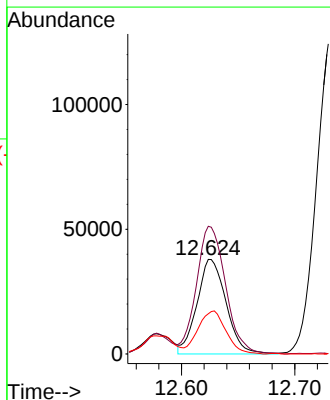
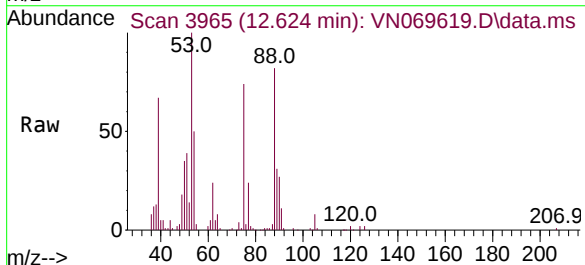
Instrument :
MSVOA_N
ClientSampleId :

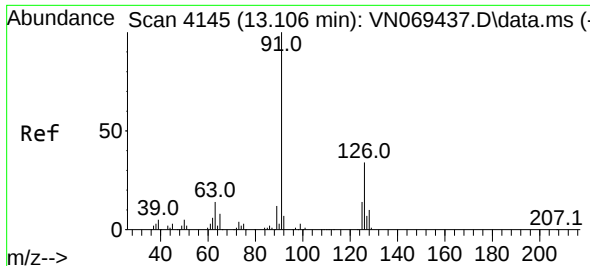
Tgt Ion:105 Resp: 797304
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.8



#77
t-1,4-Dichloro-2-butene
Concen: 15.437 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.005 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 75 Resp: 67532
Ion Ratio Lower Upper
75 100
53 135.1 51.8 155.5
89 42.3 22.9 68.7

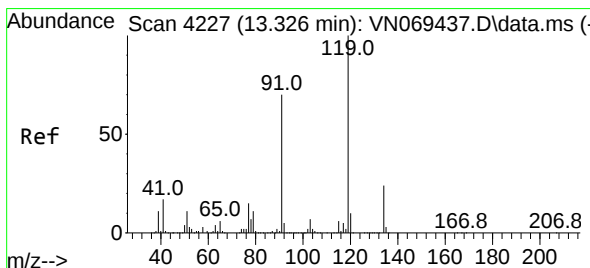
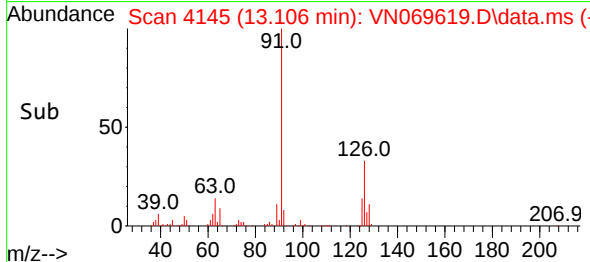
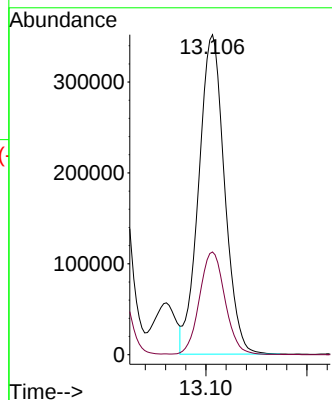
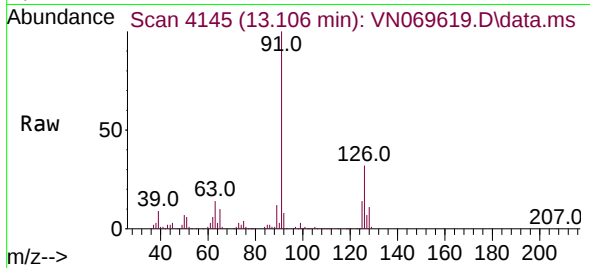




#78
4-Chlorotoluene
Concen: 18.462 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

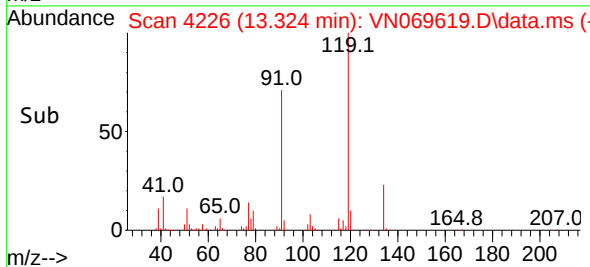
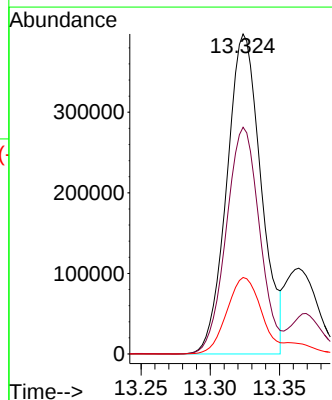
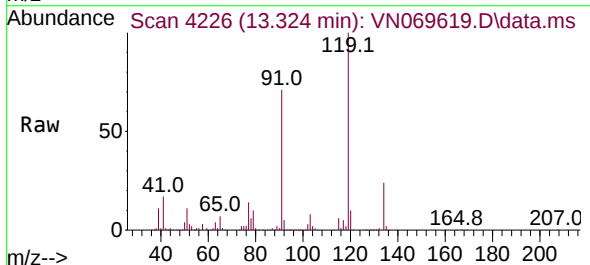
Instrument :
MSVOA_N
ClientSampleId :

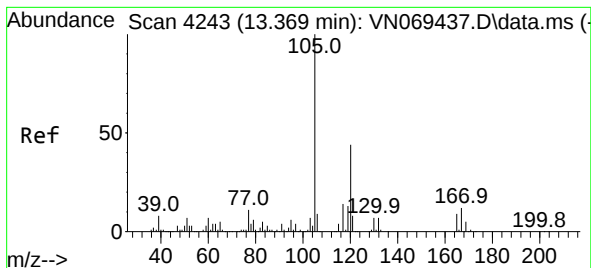
Tgt Ion: 91 Resp: 623167
Ion Ratio Lower Upper
91 100
126 31.7 0.0 70.6



#79
tert-butylbenzene
Concen: 18.785 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 119 Resp: 683801
Ion Ratio Lower Upper
119 100
91 69.7 0.0 137.0
134 24.3 0.0 47.6





#80

1,2,4-Trimethylbenzene

Concen: 22.812 ug/l

RT: 13.503 min Scan# 4293

Delta R.T. 0.134 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

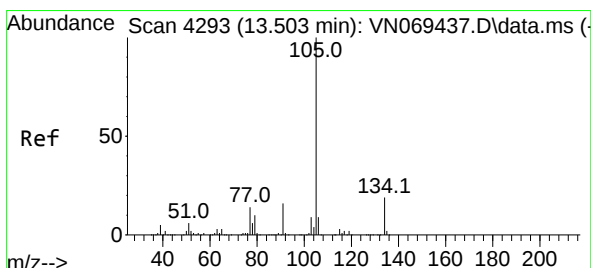
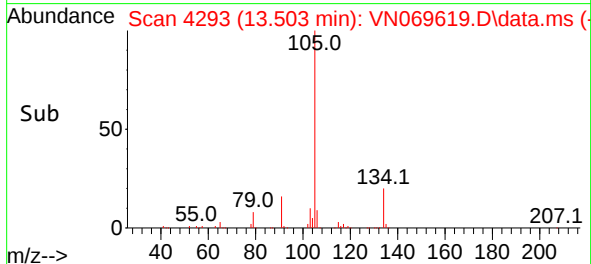
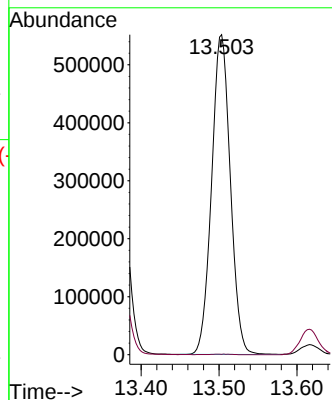
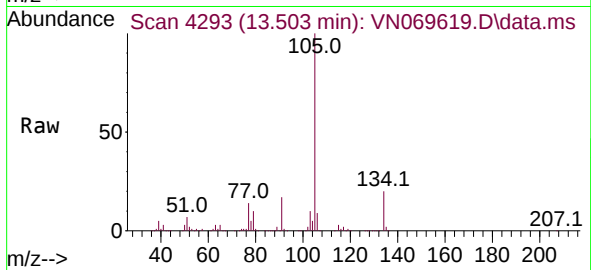
ClientSampleId :

Tgt Ion:105 Resp: 920819

Ion Ratio Lower Upper

105 100

120 0.0 0.0 0.2



#81

sec-Butylbenzene

Concen: 18.080 ug/l

RT: 13.503 min Scan# 4293

Delta R.T. 0.000 min

Lab File: VN069619.D

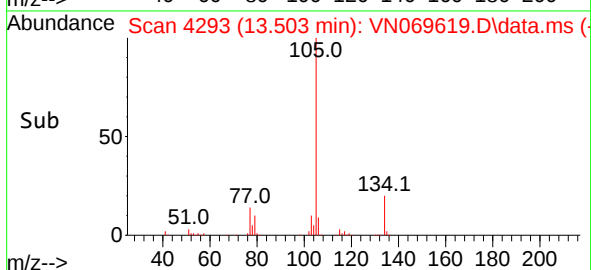
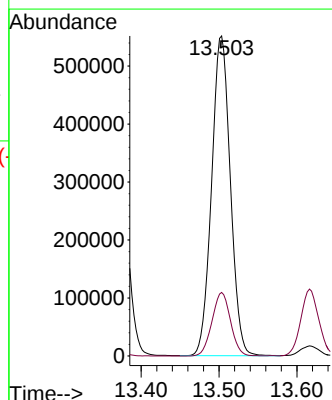
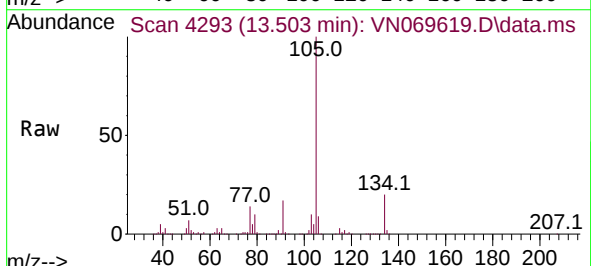
Acq: 22 Nov 2021 19:10

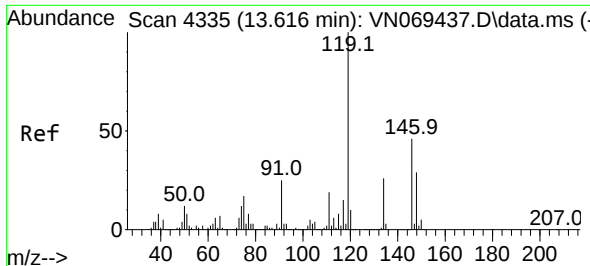
Tgt Ion:105 Resp: 920819

Ion Ratio Lower Upper

105 100

134 19.7 0.0 39.4

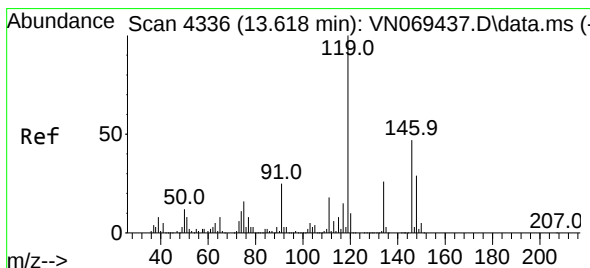
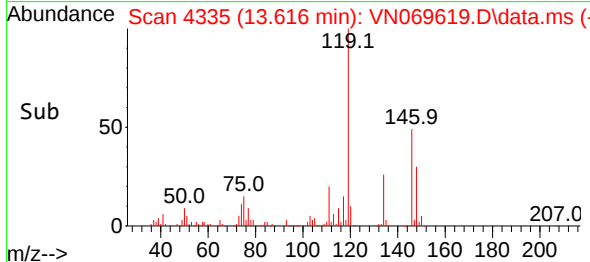
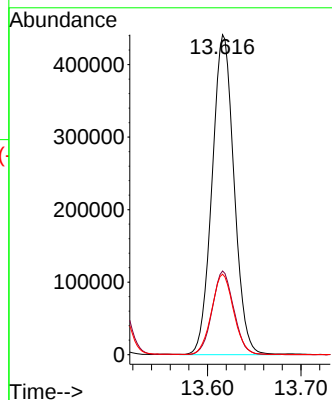
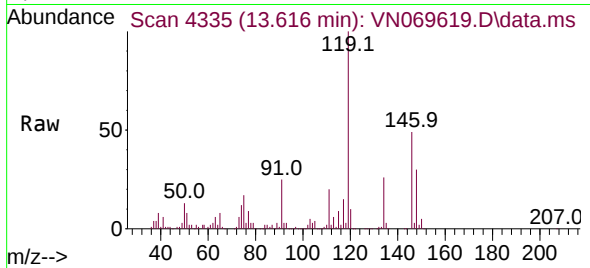




#82
 p-Isopropyltoluene
 Concen: 17.753 ug/l
 RT: 13.616 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069619.D
 Acq: 22 Nov 2021 19:10

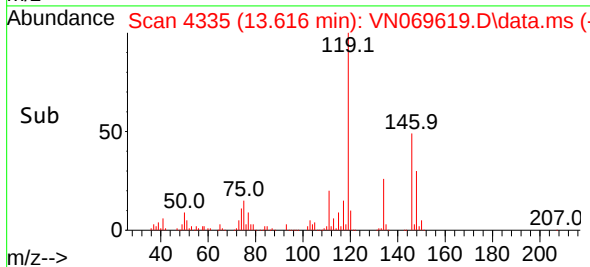
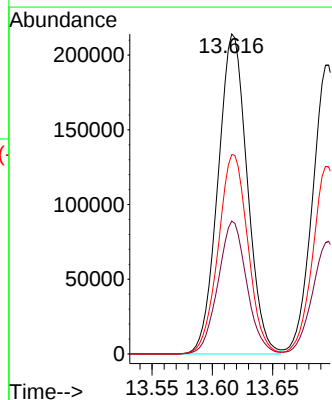
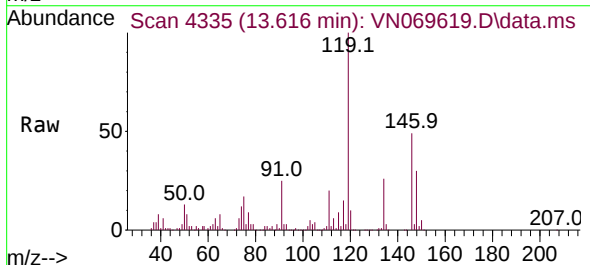
Instrument :
 MSVOA_N
 ClientSampleId :

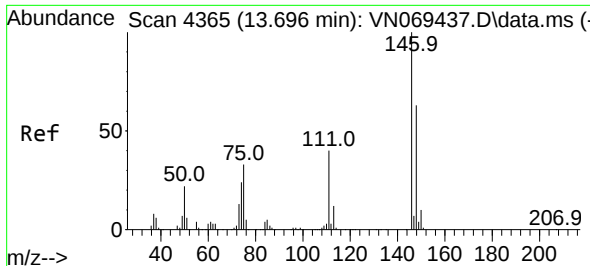
Tgt Ion:119 Resp: 721446
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.8
 91 25.1 0.0 50.4



#83
 1,3-Dichlorobenzene
 Concen: 18.208 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.002 min
 Lab File: VN069619.D
 Acq: 22 Nov 2021 19:10

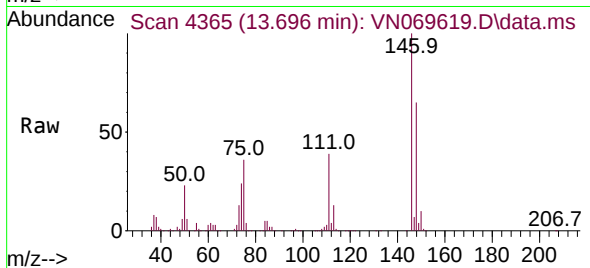
Tgt Ion:146 Resp: 361792
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.8 62.2
 148 63.0 31.4 94.3



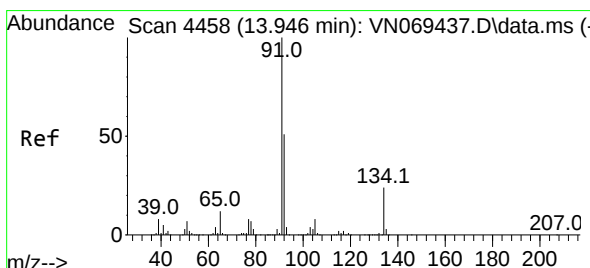
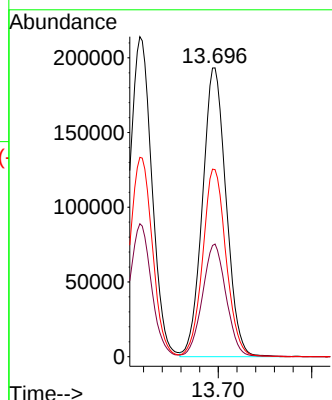
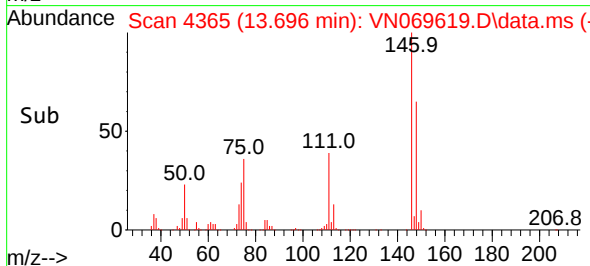


#84
1,4-Dichlorobenzene
Concen: 17.620 ug/l
RT: 13.696 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :

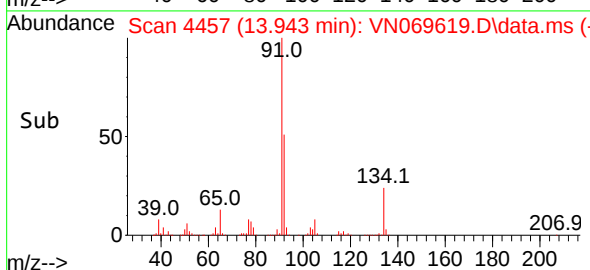
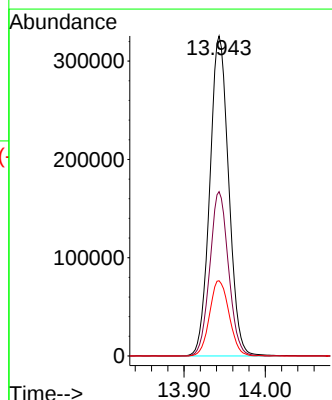
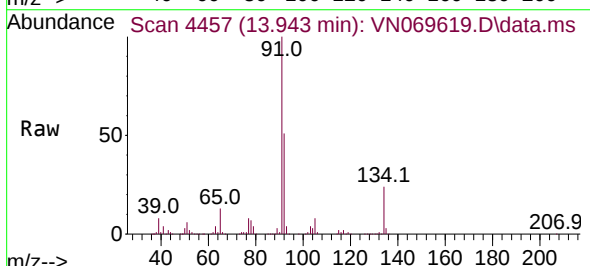


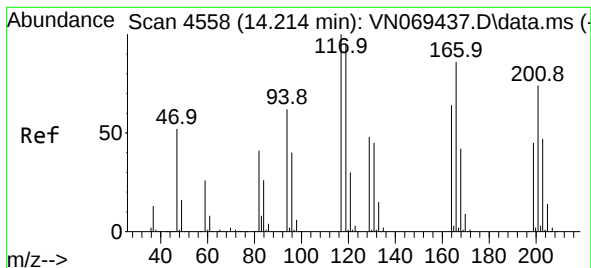
Tgt Ion:146 Resp: 339657
Ion Ratio Lower Upper
146 100
111 38.7 19.5 58.5
148 64.3 31.1 93.5



#85
n-Butylbenzene
Concen: 15.517 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 91 Resp: 526285
Ion Ratio Lower Upper
91 100
92 50.8 0.0 100.6
134 24.3 0.0 50.2





#86

Hexachloroethane

Concen: 17.814 ug/l

RT: 14.211 min Scan# 4

Delta R.T. -0.002 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

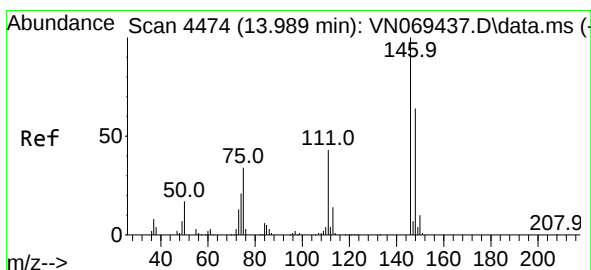
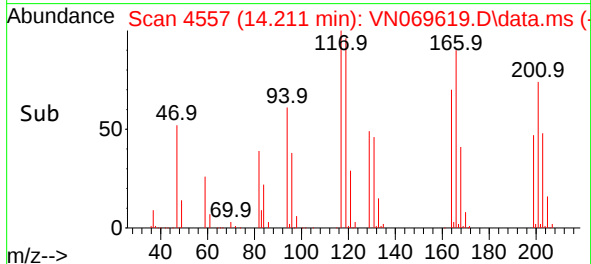
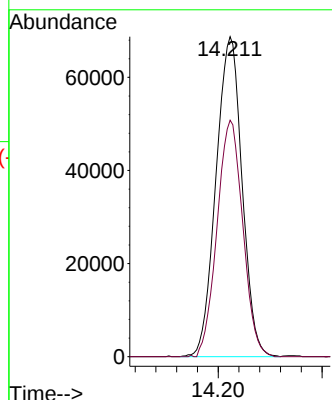
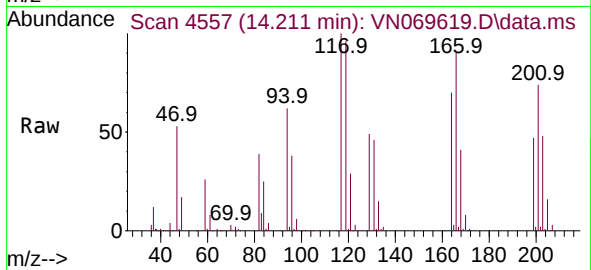
ClientSampleId :

Tgt Ion:117 Resp: 119808

Ion Ratio Lower Upper

117 100

201 72.9 33.3 99.8



#87

1,2-Dichlorobenzene

Concen: 18.738 ug/l

RT: 13.989 min Scan# 4474

Delta R.T. -0.002 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

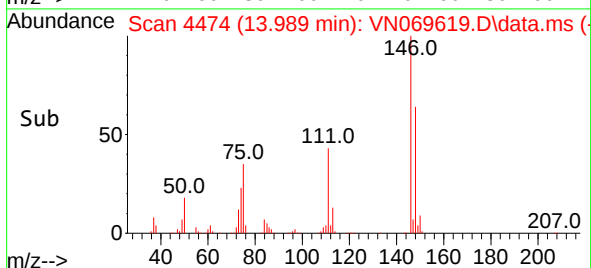
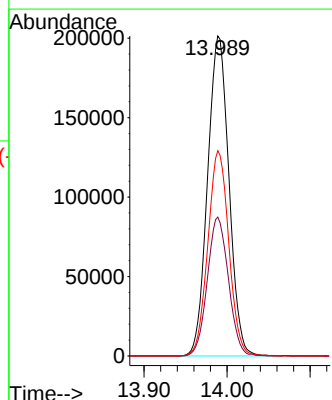
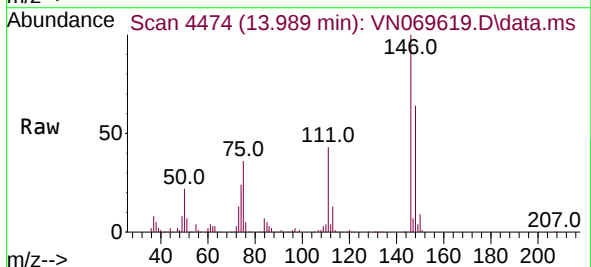
Tgt Ion:146 Resp: 359331

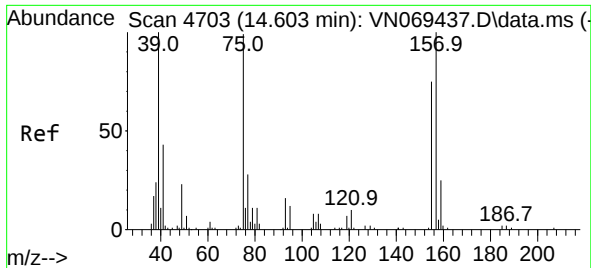
Ion Ratio Lower Upper

146 100

111 42.7 21.4 64.2

148 63.0 32.5 97.4

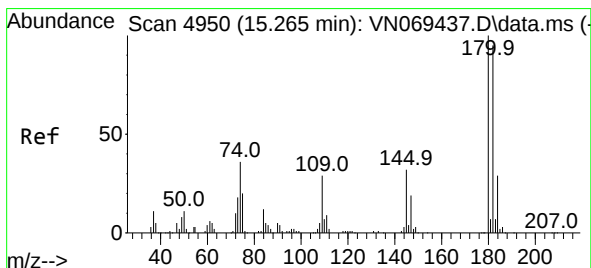
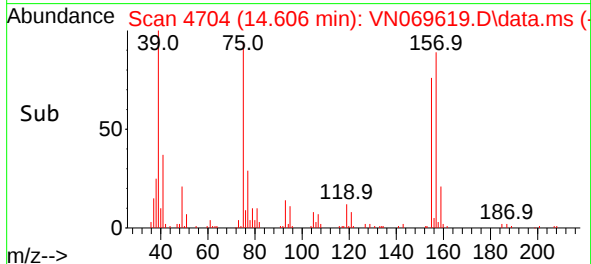
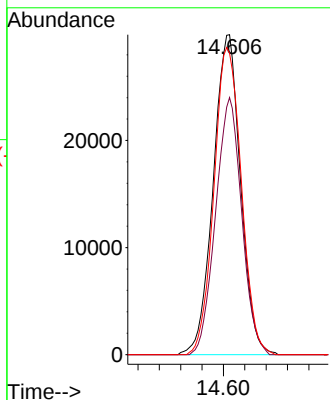
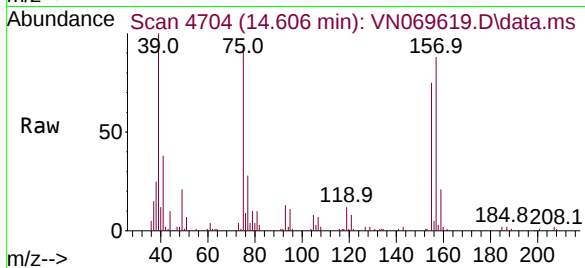




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.206 ug/l
 RT: 14.606 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069619.D
 Acq: 22 Nov 2021 19:10

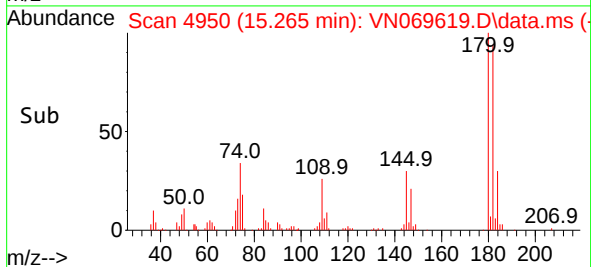
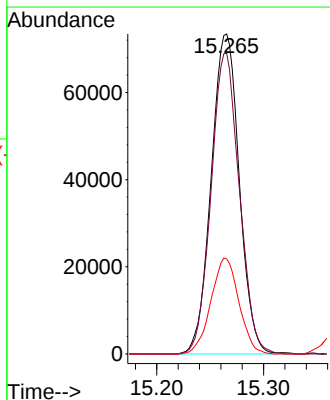
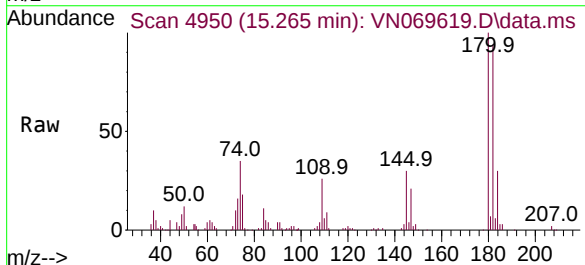
Instrument :
 MSVOA_N
 ClientSampleId :

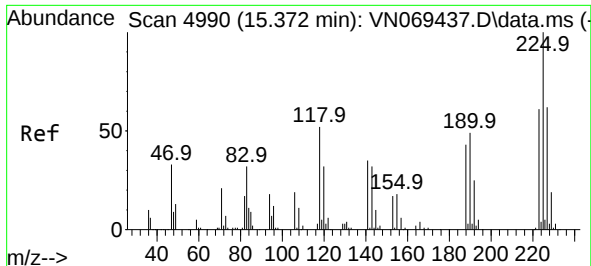
Tgt Ion: 75 Resp: 53021
 Ion Ratio Lower Upper
 75 100
 155 76.9 63.8 95.8
 157 96.2 77.9 116.9



#89
 1,2,4-Trichlorobenzene
 Concen: 14.560 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.000 min
 Lab File: VN069619.D
 Acq: 22 Nov 2021 19:10

Tgt Ion: 180 Resp: 133880
 Ion Ratio Lower Upper
 180 100
 182 94.4 77.7 116.5
 145 29.9 26.6 39.8

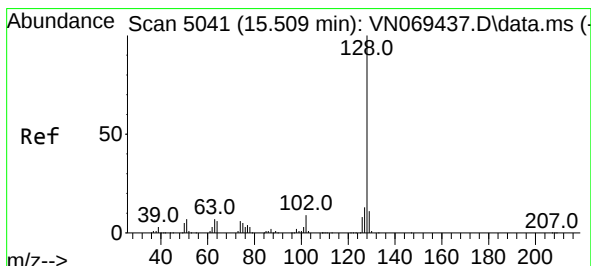
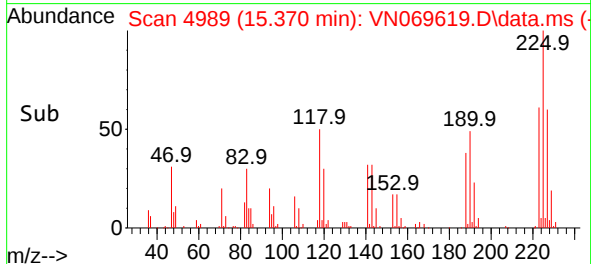
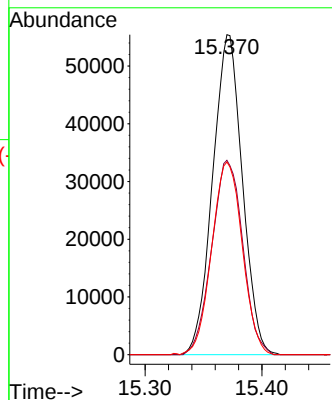
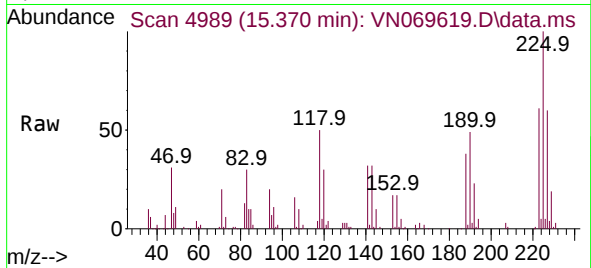




#90
Hexachlorobutadiene
Concen: 19.701 ug/l
RT: 15.370 min Scan# 4990
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

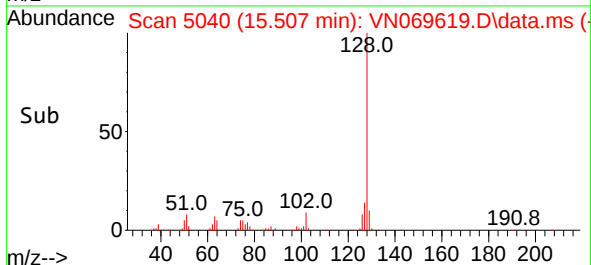
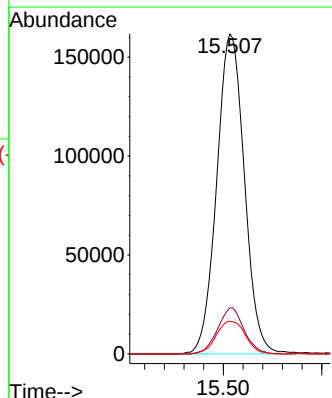
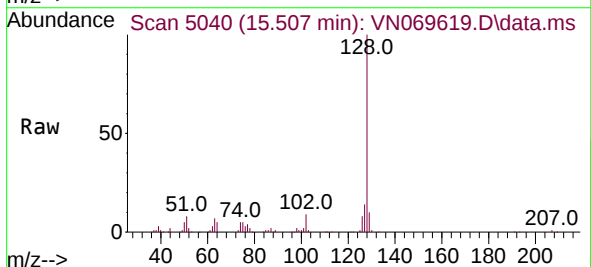
Instrument :
MSVOA_N
ClientSampleId :

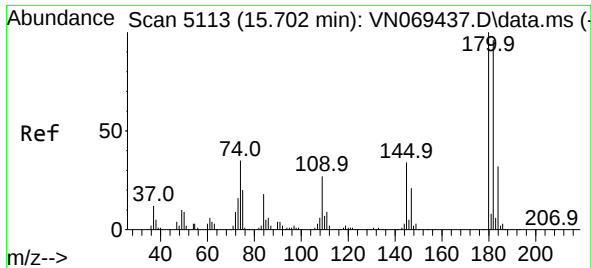
Tgt Ion:225 Resp: 97962
Ion Ratio Lower Upper
225 100
223 63.4 0.0 126.8
227 61.9 0.0 123.0



#91
Naphthalene
Concen: 11.921 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion:128 Resp: 315753
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 10.8 9.0 13.6





#92

1,2,3-Trichlorobenzene

Concen: 14.572 ug/l

RT: 15.700 min Scan# 51

Delta R.T. -0.002 min

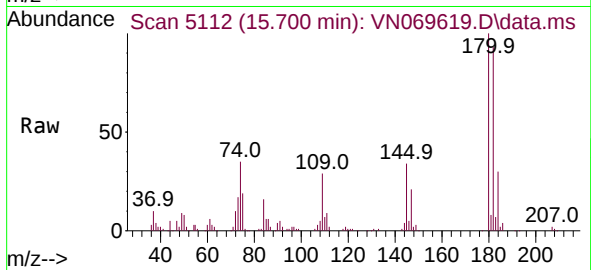
Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 131716

Ion Ratio Lower Upper

180 100

182 93.2 0.0 190.0

145 33.6 0.0 67.8

