

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071392.D
 Acq On : 19 Mar 2022 12:53
 Operator : JC\MD
 Sample : N2009-05DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31405DL

Quant Time: Mar 21 05:50:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	695115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1183698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1116468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	429643	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	456970	47.967	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.940%
35) Dibromofluoromethane	8.022	113	350027	46.861	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.720%
50) Toluene-d8	10.439	98	1461455	48.594	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.727	95	569709	55.942	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.880%

Target Compounds			Qvalue			
3) Chloromethane	2.305	50	5444	0.498 ug/l	#	82
5) Bromomethane	2.840	94	1254	Below Cal	#	75
11) Tert butyl alcohol	5.322	59	3102	1.657 ug/l	#	71
13) Acrolein	4.057	56	1704	0.860 ug/l	#	77
15) Acrylonitrile	5.551	53	2457	0.442 ug/l	#	89
16) Acetone	4.304	43	11152	2.406 ug/l	#	90
18) Methyl Acetate	4.863	43	11309	1.370 ug/l	#	86
20) Methylene Chloride	5.087	84	2524	0.677 ug/l	#	81
25) 2-Butanone	7.357	43	5458	0.731 ug/l	#	92
29) Tetrahydrofuran	7.698	42	2731	0.528 ug/l	#	55
31) Cyclohexane	8.092	56	31693	2.083 ug/l	#	59
36) 1,1-Dichloropropene	8.087	75	55935	4.674 ug/l	#	49
38) Carbon Tetrachloride	8.081	117	70948	6.129 ug/l	#	16
39) Methylcyclohexane	9.457	83	14300	1.016 ug/l	#	92
40) Benzene	8.457	78	303255	8.410 ug/l	#	99
43) Isopropyl Acetate	8.622	43	18744	0.761 ug/l	#	55
49) 1,4-Dioxane	9.575	88	61	0.307 ug/l	#	1
51) 4-Methyl-2-Pentanone	10.322	43	7309	0.478 ug/l	#	89
52) Toluene	10.504	92	1718293	77.387 ug/l	#	96
53) t-1,3-Dichloropropene	10.498	75	19961	1.504 ug/l	#	1
55) 1,1,2-Trichloroethane	10.875	97	2768	0.311 ug/l	#	22
58) 2-Chloroethyl Vinyl ether	9.969	63	148	27.908 ug/l	#	45
59) 2-Hexanone	11.080	43	8899	0.853 ug/l	#	91
67) Ethyl Benzene	11.839	91	584265	13.782 ug/l	#	97
68) m/p-Xylenes	11.945	106	948210	61.140 ug/l	#	98
69) o-Xylene	12.275	106	681677	43.849 ug/l	#	95
70) Styrene	12.280	104	37455	1.556 ug/l	#	1
71) Bromoform	12.451	173	1464	0.219 ug/l	#	29
73) Isopropylbenzene	12.575	105	51241	1.237 ug/l	#	100
74) N-amyl acetate	12.380	43	5489	0.352 ug/l	#	96
75) 1,1,2,2-Tetrachloroethane	12.822	83	1391	Below Cal	#	76
76) 1,2,3-Trichloropropane	12.727	75	295665	27.101 ug/l	#	1
78) n-propylbenzene	12.916	91	137735	3.099 ug/l	#	96
79) 2-Chlorotoluene	12.980	91	115869	4.061 ug/l	#	39
80) 1,3,5-Trimethylbenzene	13.057	105	338762	10.513 ug/l	#	99
81) trans-1,4-Dichloro-2-b...	12.727	75	295665	74.390 ug/l	#	5

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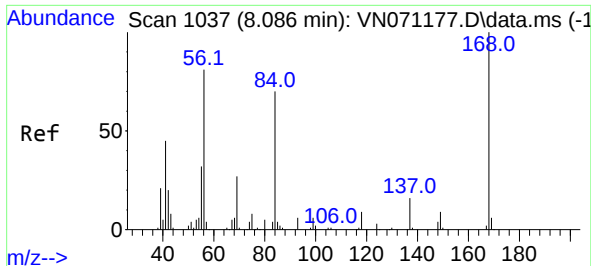
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

82) 4-Chlorotoluene	13.057	91	32526	1.280	ug/l #	38
83) tert-Butylbenzene	13.363	119	126012	4.382	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.363	105	1020491	33.064	ug/l	100
85) sec-Butylbenzene	13.363	105	1020491	26.699	ug/l #	56
86) p-Isopropyltoluene	13.610	119	24757	0.824	ug/l	97
88) 1,4-Dichlorobenzene	13.698	146	3847	0.251	ug/l #	45
89) n-Butylbenzene	13.939	91	26809	1.140	ug/l #	69
90) Hexachloroethane	14.216	117	16785	2.808	ug/l #	6
91) 1,2-Dichlorobenzene	13.986	146	3168	0.210	ug/l #	64
92) 1,2-Dibromo-3-Chloropr...	14.580	75	2827	1.173	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.263	180	5775	3.760	ug/l #	12
95) Naphthalene	15.498	128	72410	8.371	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	7848	3.832	ug/l #	67

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

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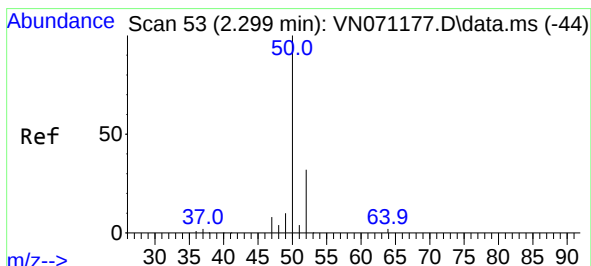
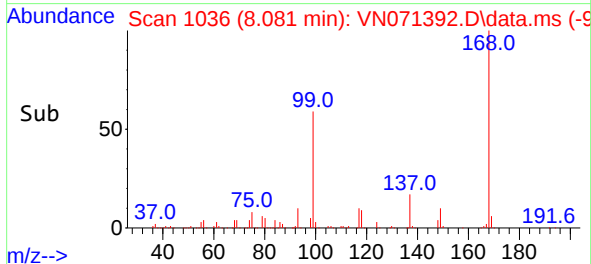
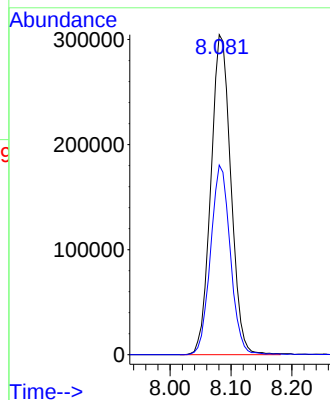
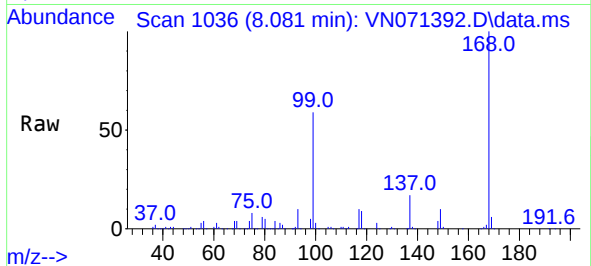




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

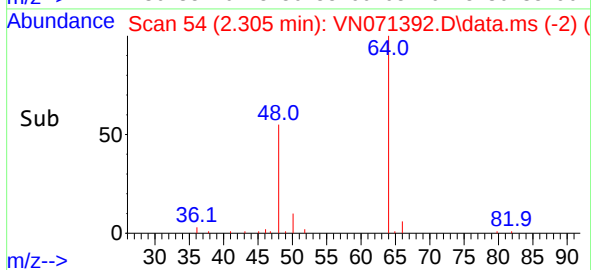
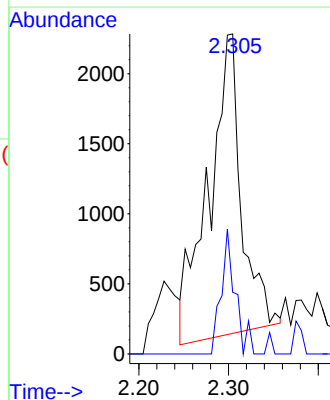
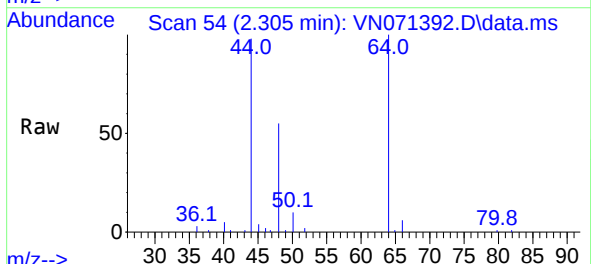
Instrument :
MSVOA_N
ClientSampleId :
31405DL

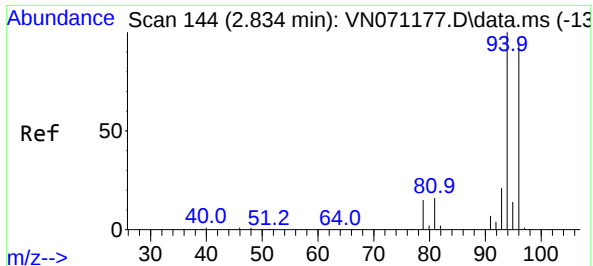
Tgt Ion:168 Resp: 695115
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9



#3
Chloromethane
Concen: 0.498 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 50 Resp: 5444
Ion Ratio Lower Upper
50 100
52 21.7 25.4 38.0#

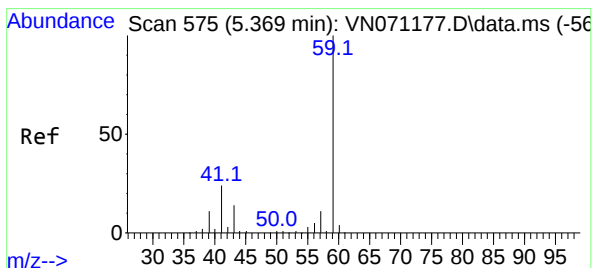
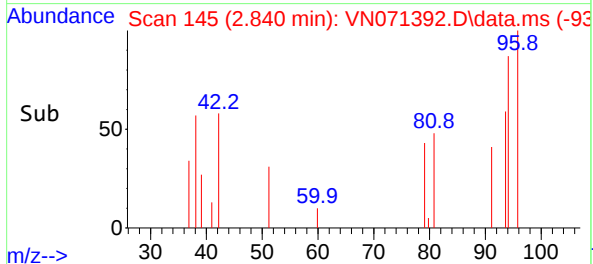
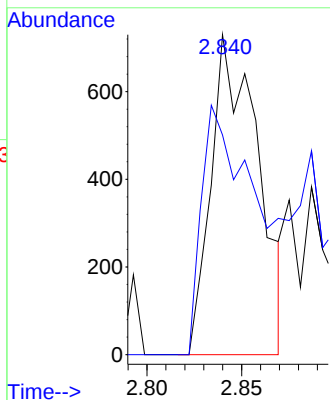
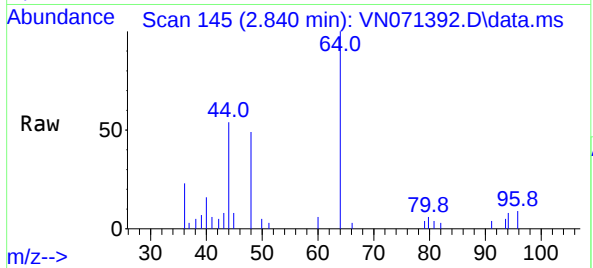




#5
Bromomethane
Concen: Below Cal
RT: 2.840 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

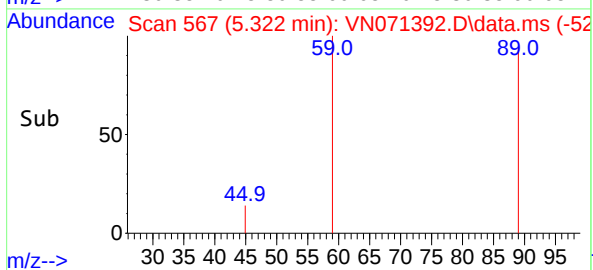
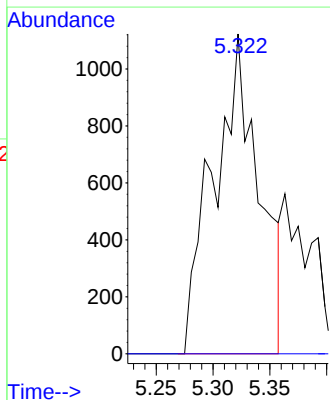
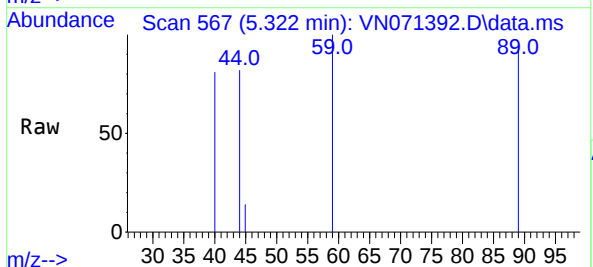
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MSVOA_N
ClientSampleId :
31405DL

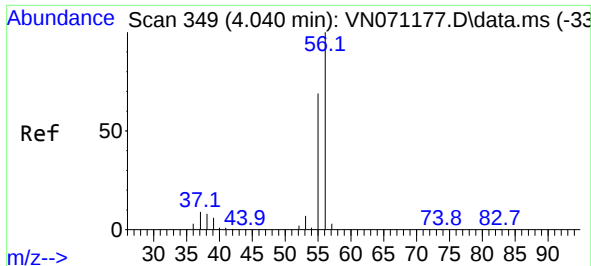
Tgt Ion: 94 Resp: 1254
Ion Ratio Lower Upper
94 100
96 68.6 73.8 110.8#



#11
Tert butyl alcohol
Concen: 1.657 ug/l
RT: 5.322 min Scan# 567
Delta R.T. -0.047 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 59 Resp: 3102
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

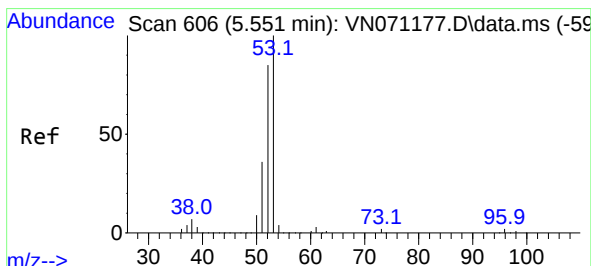
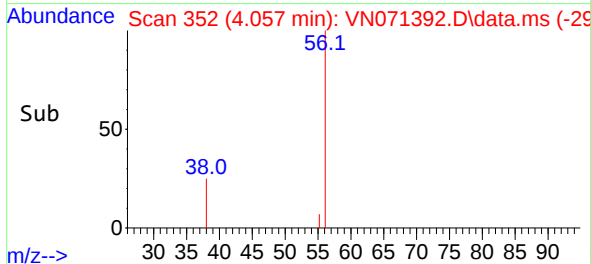
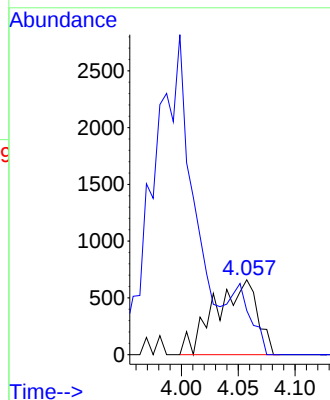
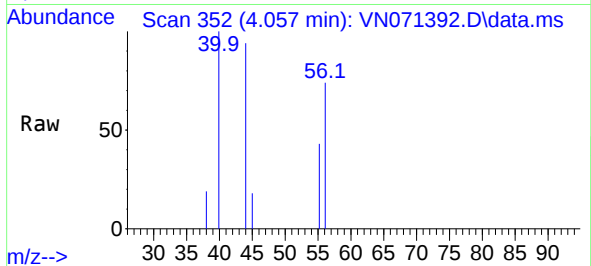




#13
Acrolein
Concen: 0.860 ug/l
RT: 4.057 min Scan# 314
Delta R.T. 0.018 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

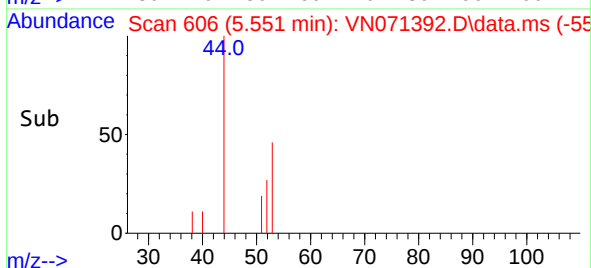
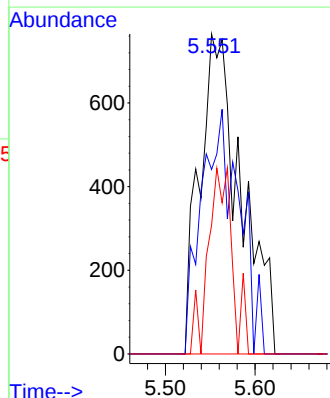
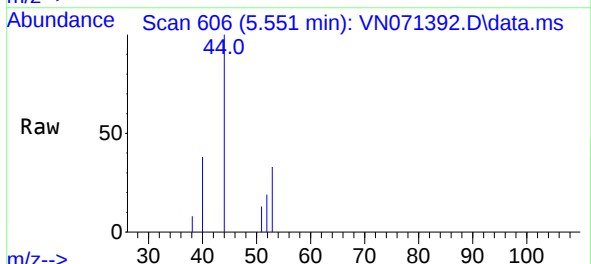
Instrument :
MSVOA_N
ClientSampleId :
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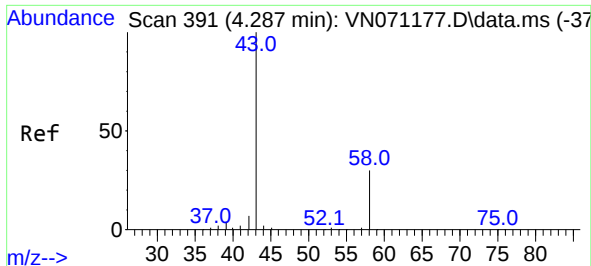
Tgt Ion: 56 Resp: 1704
Ion Ratio Lower Upper
56 100
55 51.7 56.6 85.0#



#15
Acrylonitrile
Concen: 0.442 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 53 Resp: 2457
Ion Ratio Lower Upper
53 100
52 70.1 66.2 99.2
51 33.7 29.6 44.4

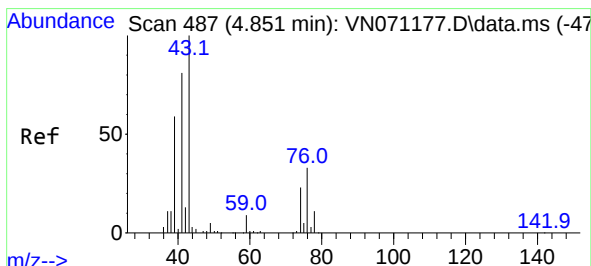
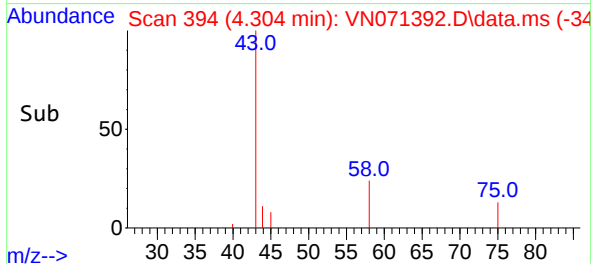
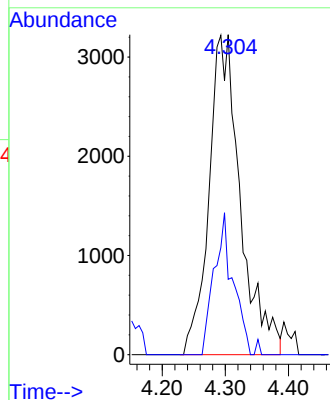
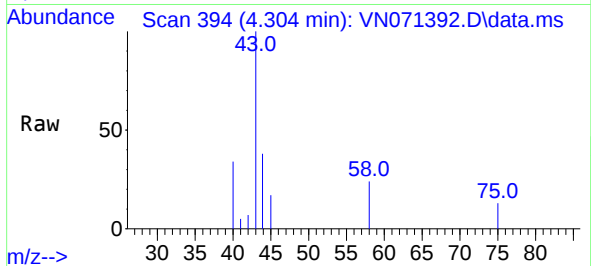




#16
Acetone
Concen: 2.406 ug/l
RT: 4.304 min Scan# 391
Delta R.T. 0.018 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

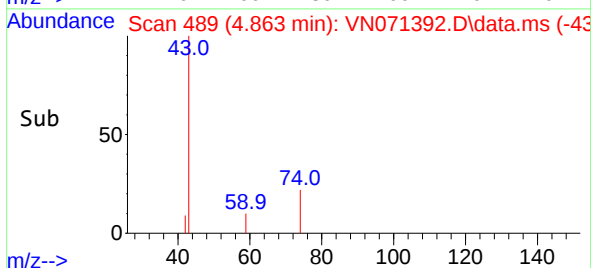
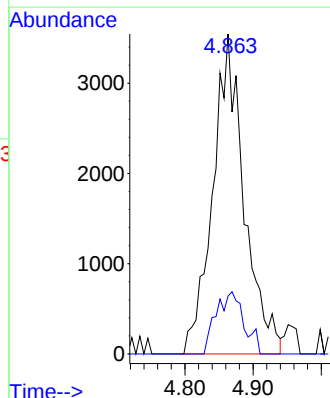
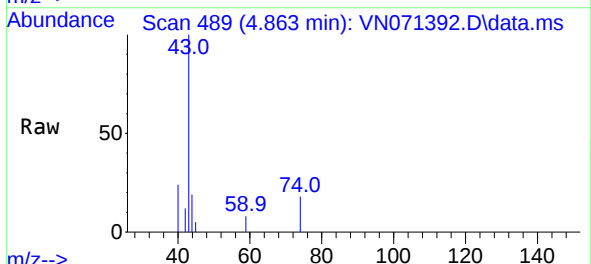
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ClientSampleId :
31405DL

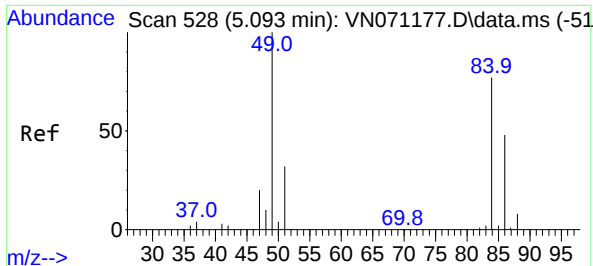
Tgt Ion: 43 Resp: 11152
Ion Ratio Lower Upper
43 100
58 23.5 23.1 34.7



#18
Methyl Acetate
Concen: 1.370 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 43 Resp: 11309
Ion Ratio Lower Upper
43 100
74 17.4 19.4 29.2#

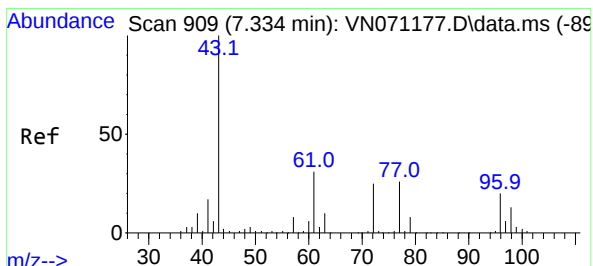
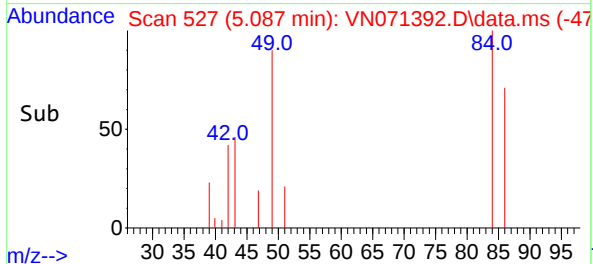
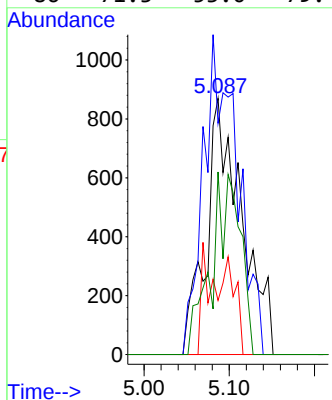
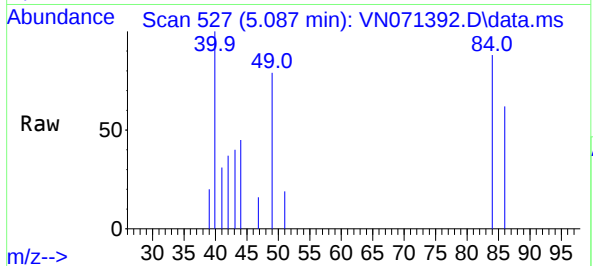




#20
Methylene Chloride
Concen: 0.677 ug/l
RT: 5.087 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

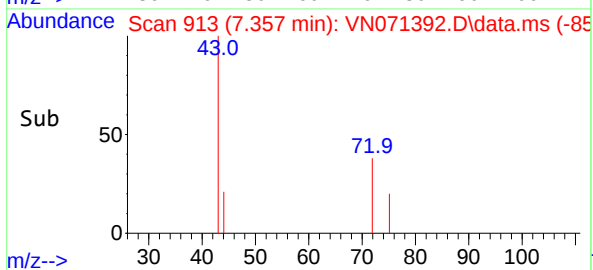
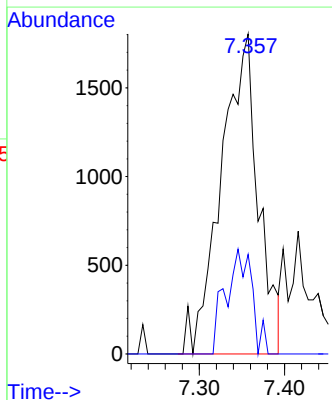
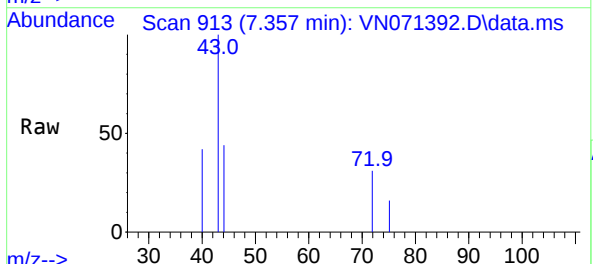
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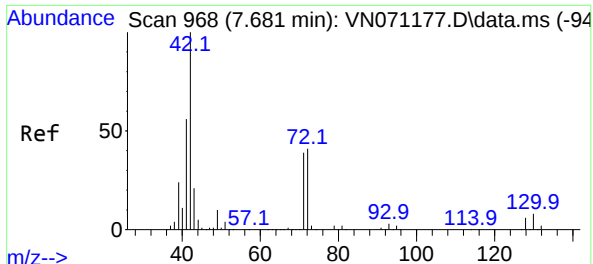
Tgt Ion:	84	Resp:	2524
Ion	Ratio	Lower	Upper
84	100		
49	90.2	93.5	140.3#
51	21.1	29.4	44.2#
86	71.3	53.0	79.4



#25
2-Butanone
Concen: 0.731 ug/l
RT: 7.357 min Scan# 913
Delta R.T. 0.024 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion:	43	Resp:	5458
Ion	Ratio	Lower	Upper
43	100		
72	31.1	21.7	32.5





#29

Tetrahydrofuran

Concen: 0.528 ug/l

RT: 7.698 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN071392.D

Acq: 19 Mar 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

31405DL

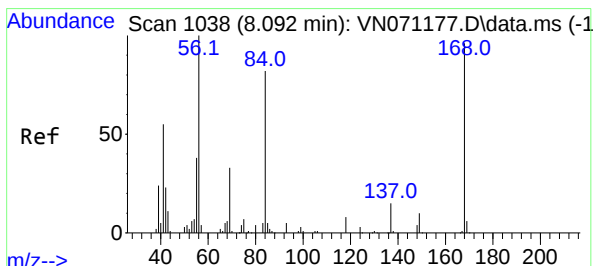
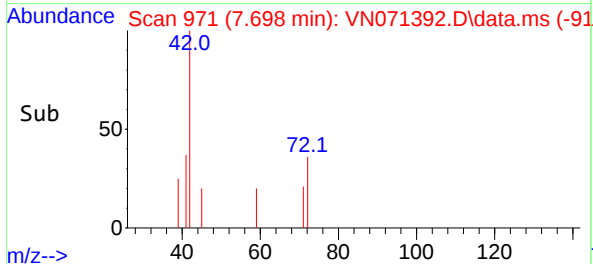
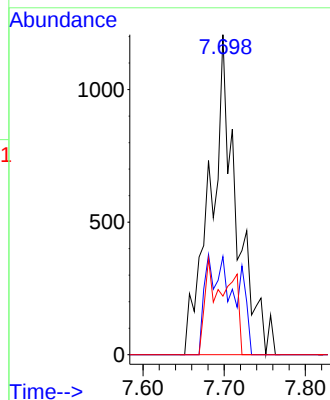
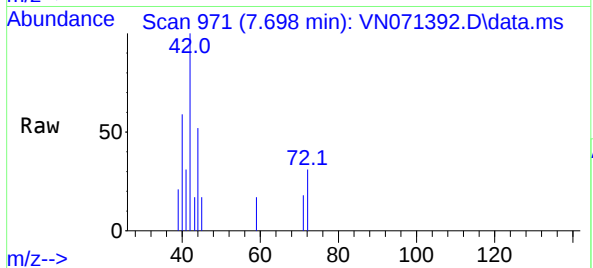
Tgt Ion: 42 Resp: 2731

Ion Ratio Lower Upper

42 100

72 14.9 36.3 54.5#

71 15.5 34.7 52.1#



#31

Cyclohexane

Concen: 2.083 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071392.D

Acq: 19 Mar 2022 12:53

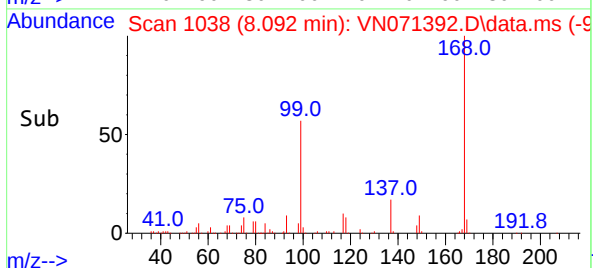
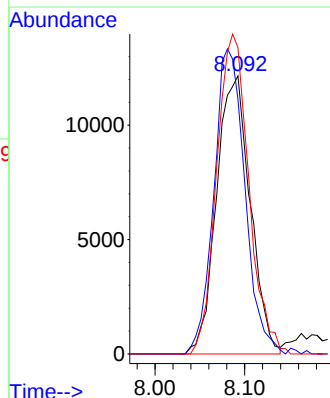
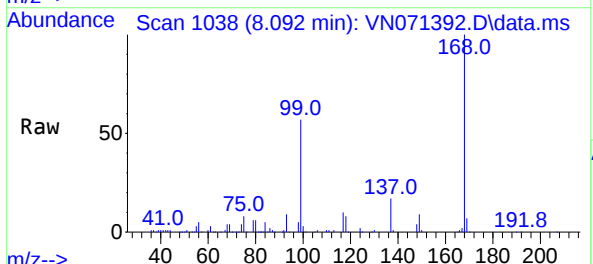
Tgt Ion: 56 Resp: 31693

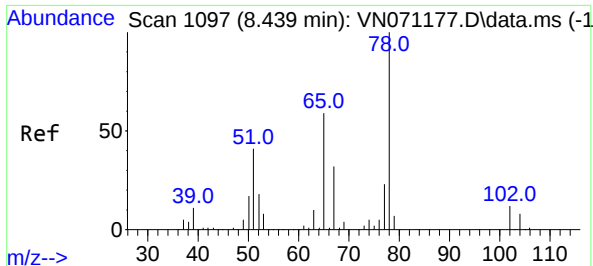
Ion Ratio Lower Upper

56 100

69 91.7 27.1 40.7#

84 110.1 73.4 110.0#

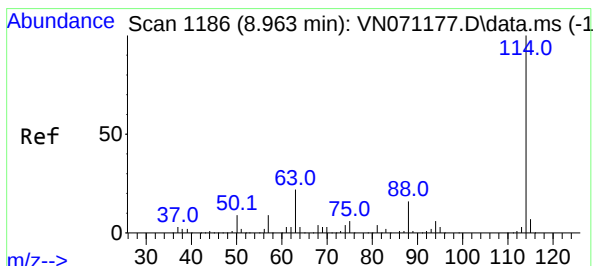
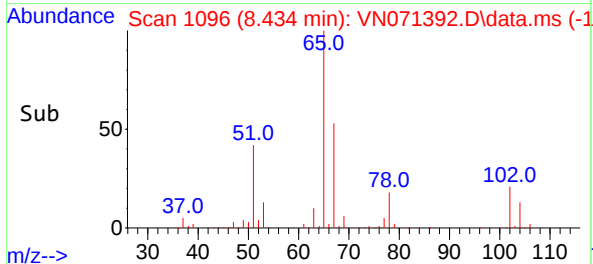
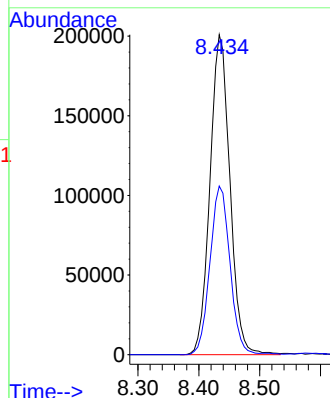
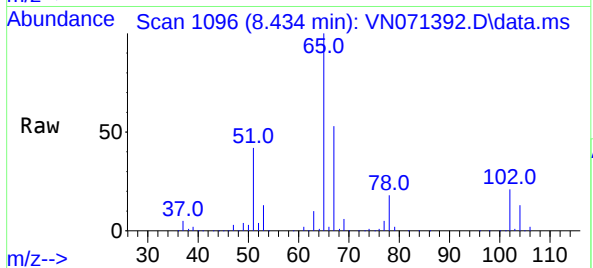




#33
1,2-Dichloroethane-d4
Concen: 47.967 ug/l
RT: 8.434 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

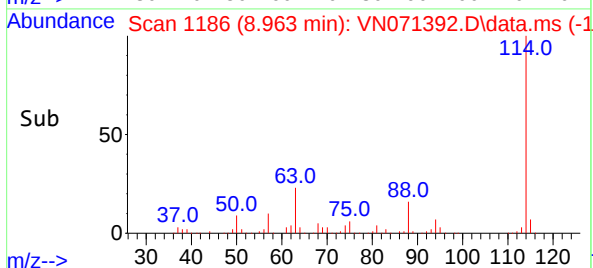
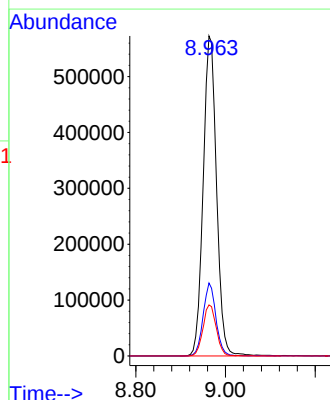
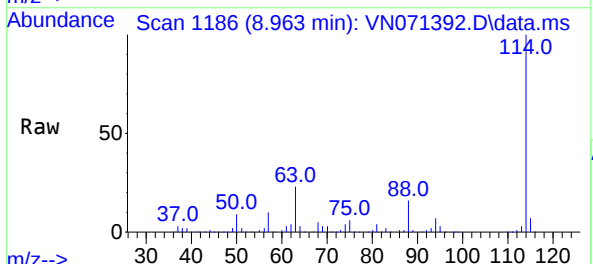
Instrument :
MSVOA_N
ClientSampleId :
31405DL

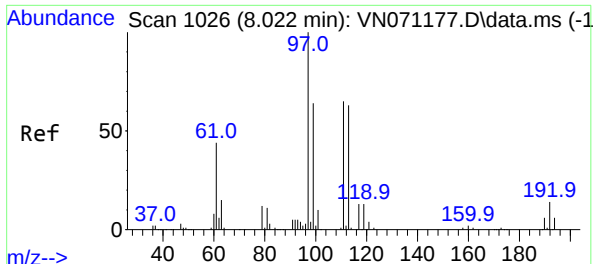
Tgt Ion: 65 Resp: 456970
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 114 Resp: 1183698
Ion Ratio Lower Upper
114 100
63 22.8 0.0 37.8
88 16.0 0.0 27.4

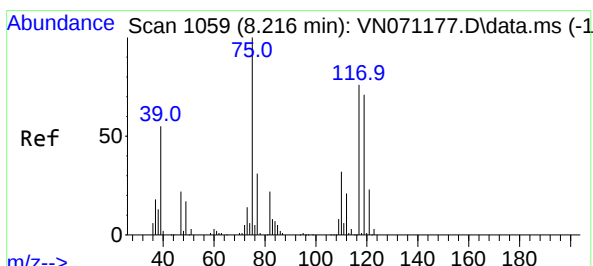
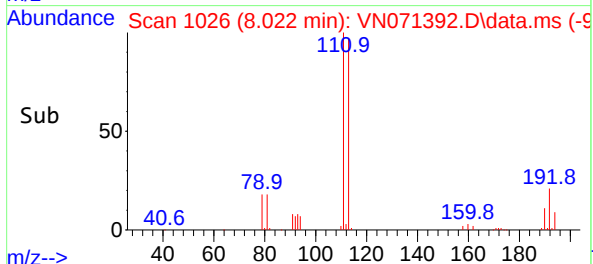
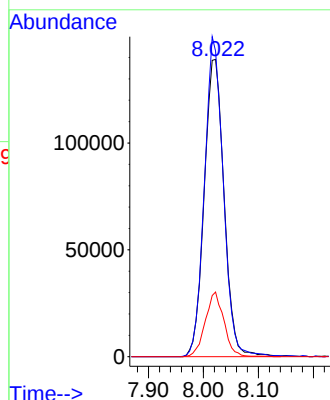
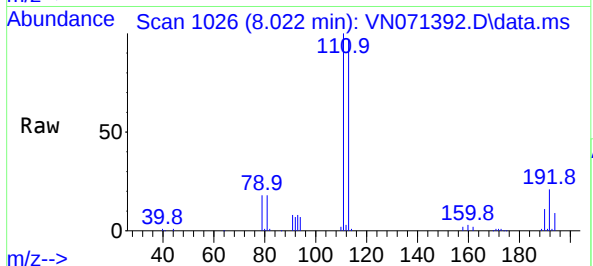




#35
Dibromofluoromethane
Concen: 46.861 ug/l
RT: 8.022 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

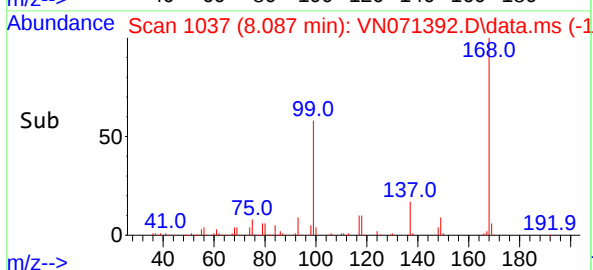
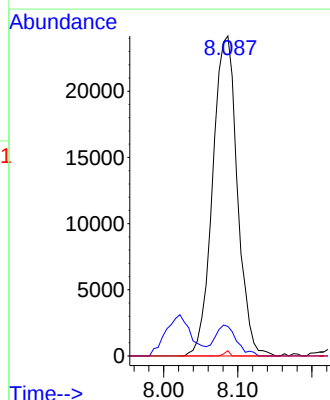
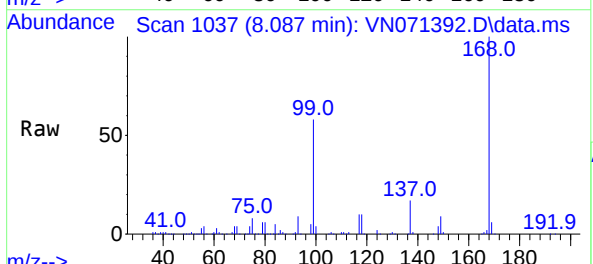
Instrument :
MSVOA_N
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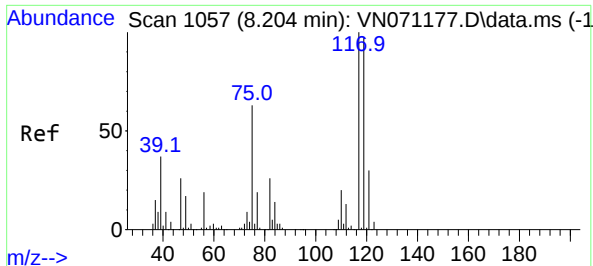
Tgt Ion:113 Resp: 350027
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.674 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 75 Resp: 55935
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#

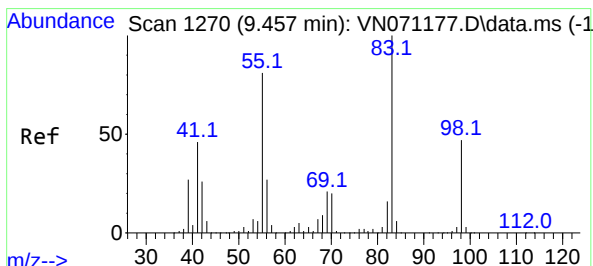
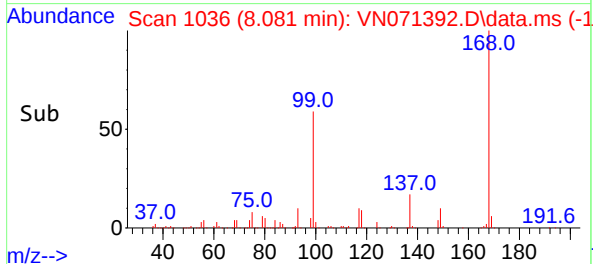
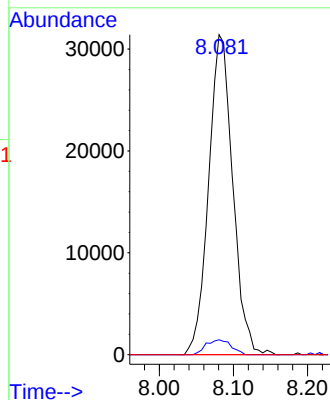
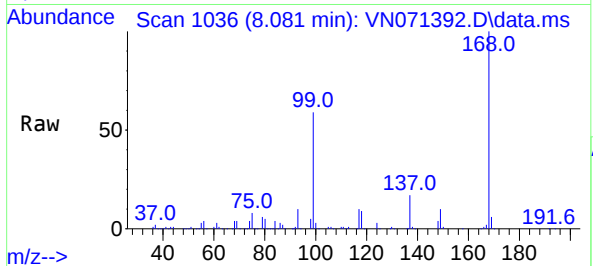




#38
Carbon Tetrachloride
Concen: 6.129 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

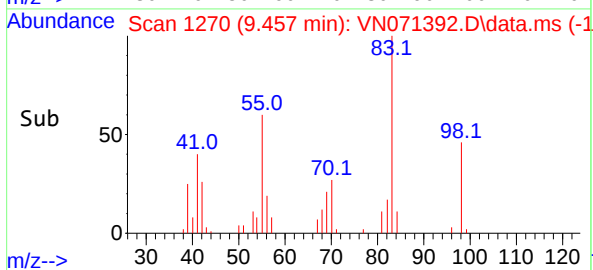
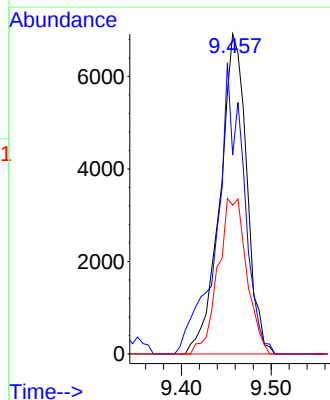
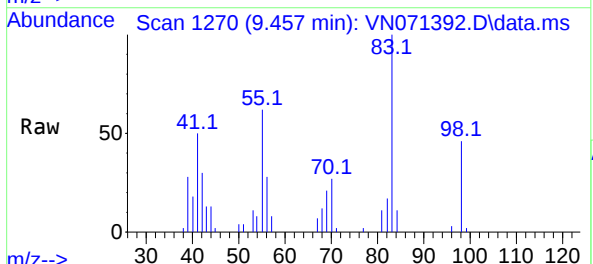
Instrument :
MSVOA_N
ClientSampleId :
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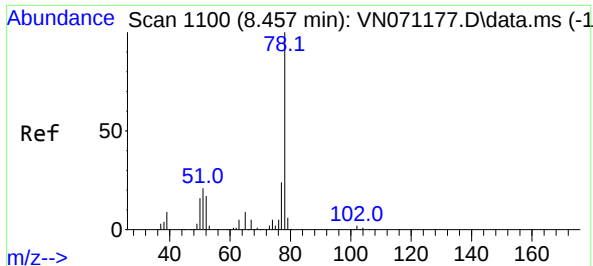
Tgt Ion:117 Resp: 70948
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 1.016 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 83 Resp: 14300
Ion Ratio Lower Upper
83 100
55 62.2 58.1 87.1
98 46.5 38.4 57.6

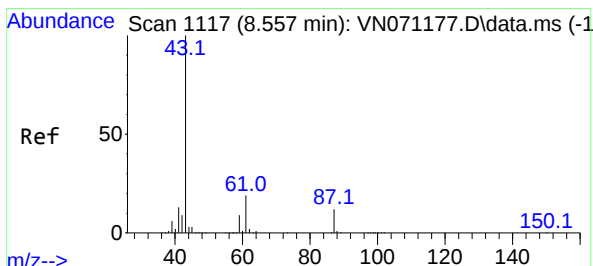
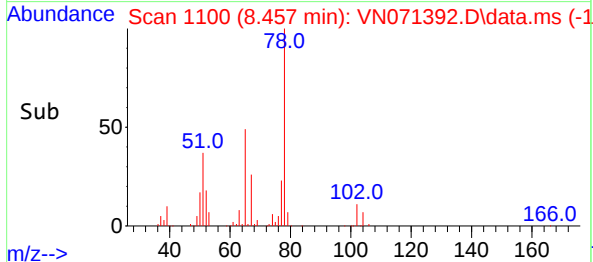
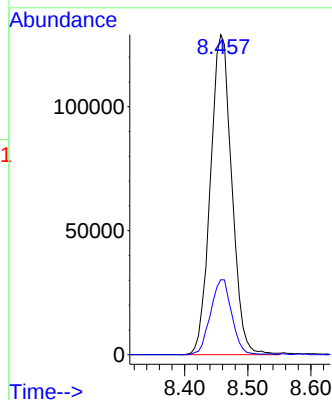
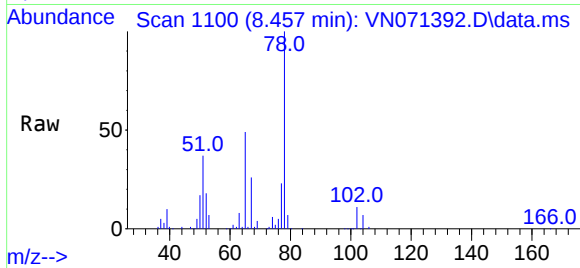




#40
Benzene
Concen: 8.410 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

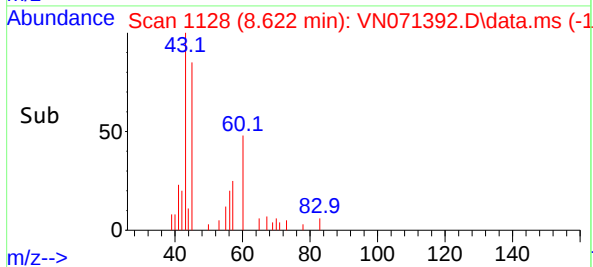
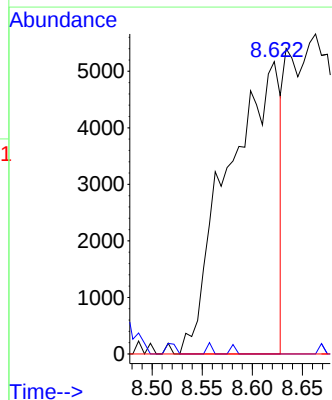
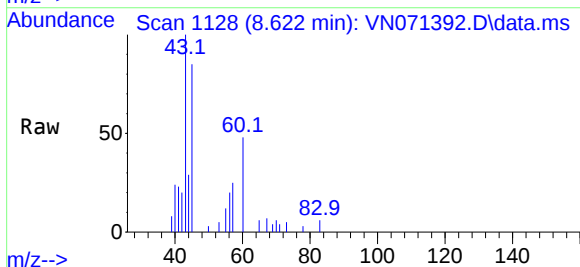
Instrument :
MSVOA_N
ClientSampleId :
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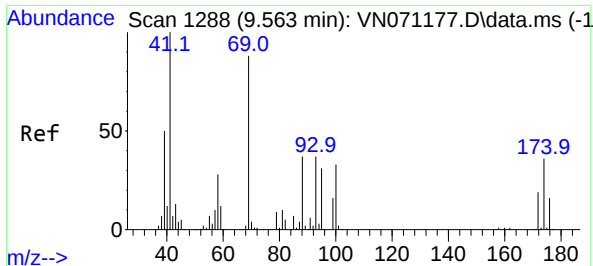
Tgt Ion: 78 Resp: 303255
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8



#43
Isopropyl Acetate
Concen: 0.761 ug/l
RT: 8.622 min Scan# 1128
Delta R.T. 0.065 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 43 Resp: 18744
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

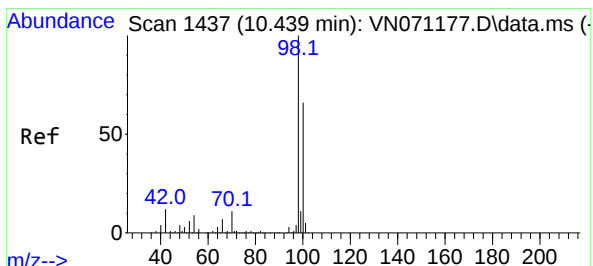
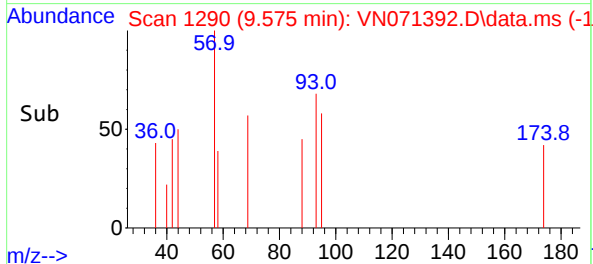
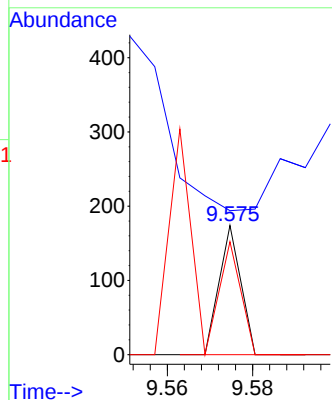
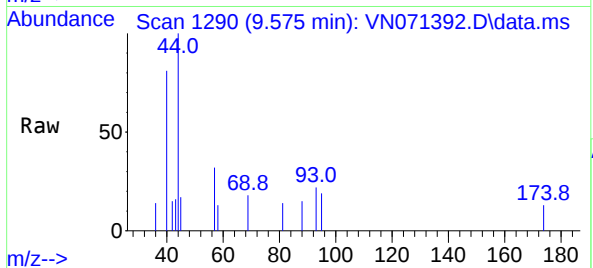




#49
1,4-Dioxane
Concen: 0.307 ug/l
RT: 9.575 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

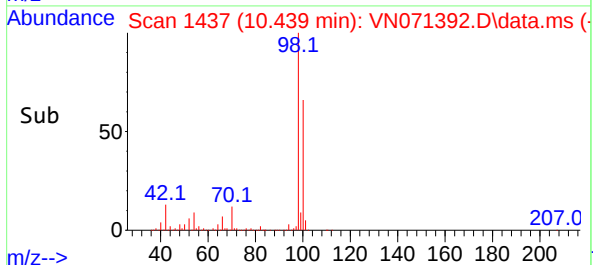
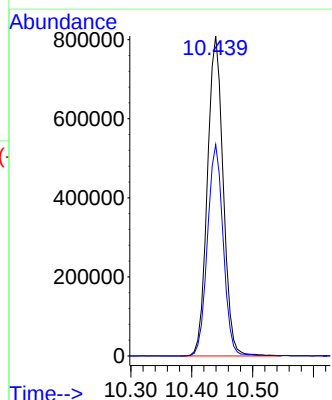
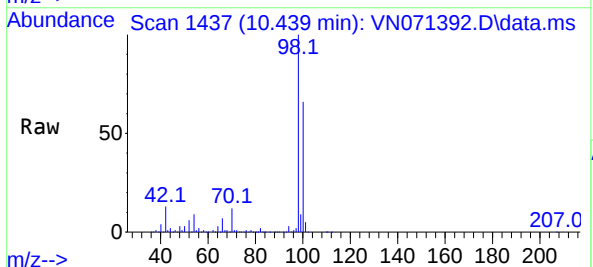
Instrument :
MSVOA_N
ClientSampleId :
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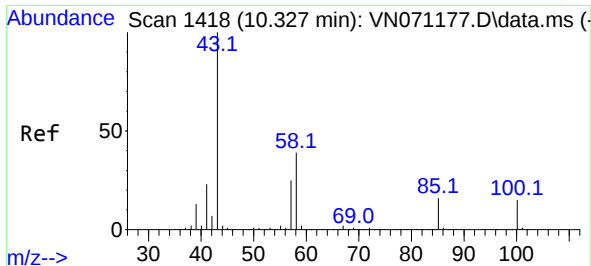
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 263.9 50.6 75.8#



#50
Toluene-d8
Concen: 48.594 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 98 Resp: 1461455
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6

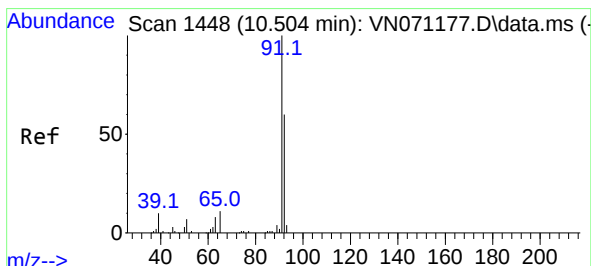
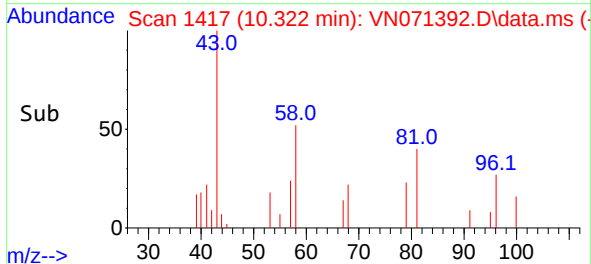
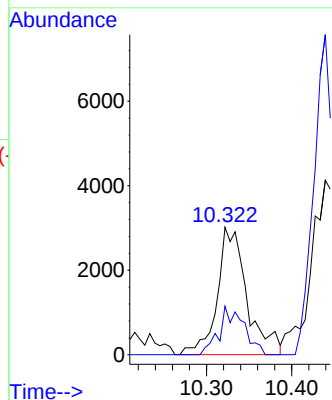
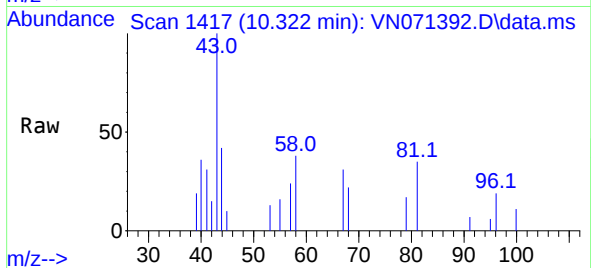




#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.005 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

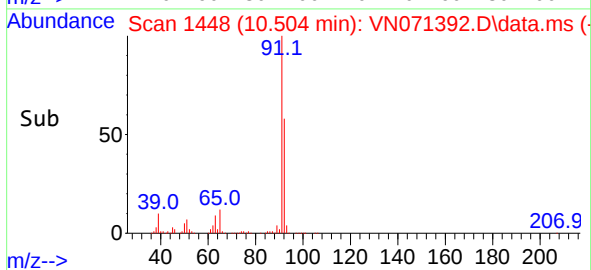
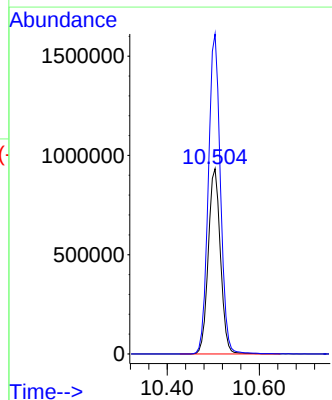
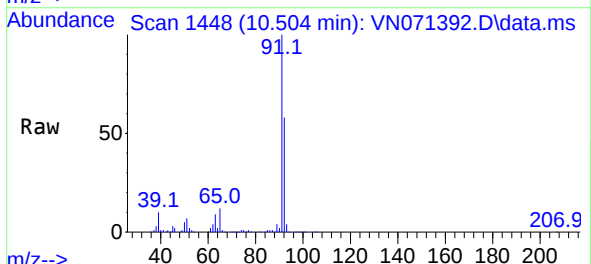
Instrument :
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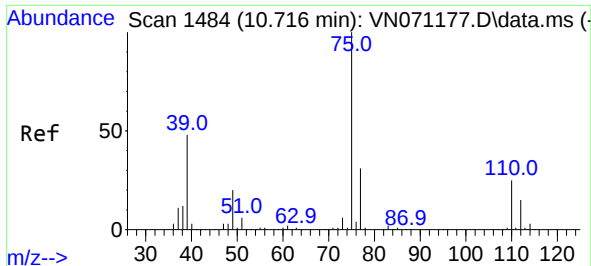
Tgt Ion: 43 Resp: 7309
Ion Ratio Lower Upper
43 100
58 31.5 30.4 45.6



#52
Toluene
Concen: 77.387 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 92 Resp: 1718293
Ion Ratio Lower Upper
92 100
91 171.7 142.0 213.0

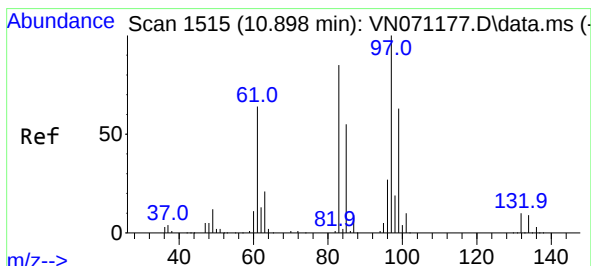
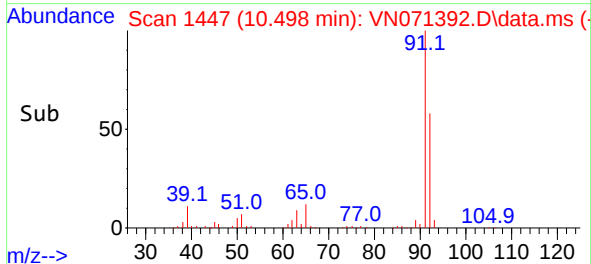
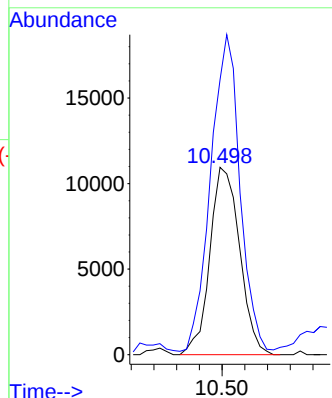
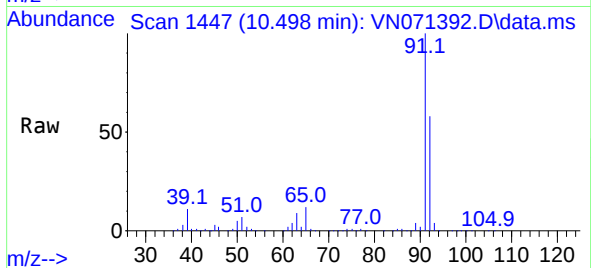




#53
t-1,3-Dichloropropene
Concen: 1.504 ug/l
RT: 10.498 min Scan# 1484
Delta R.T. -0.218 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

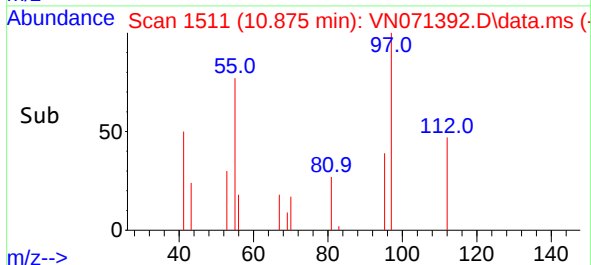
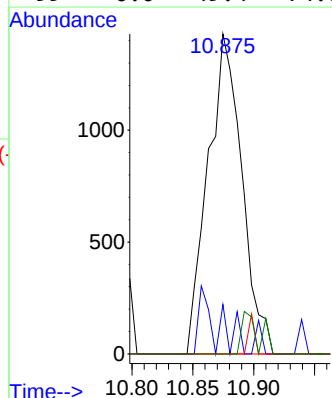
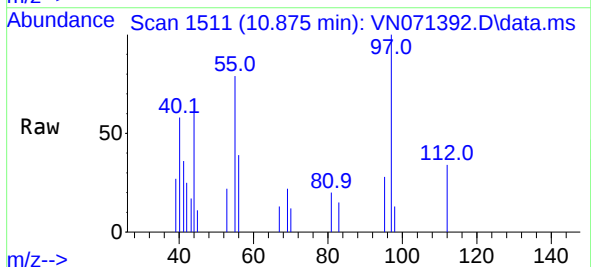
Instrument :
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ClientSampleId :
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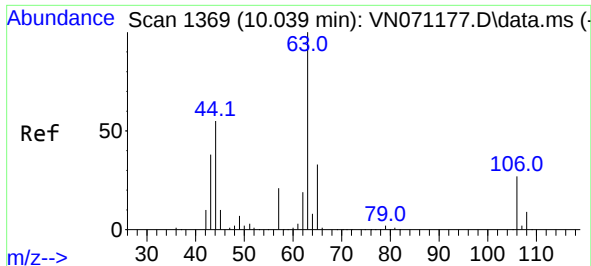
Tgt Ion: 75 Resp: 19961
Ion Ratio Lower Upper
75 100
77 145.0 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 0.311 ug/l
RT: 10.875 min Scan# 1511
Delta R.T. -0.023 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 97 Resp: 2768
Ion Ratio Lower Upper
97 100
83 15.5 67.8 101.6#
85 0.0 45.4 68.2#
99 0.0 49.4 74.0#

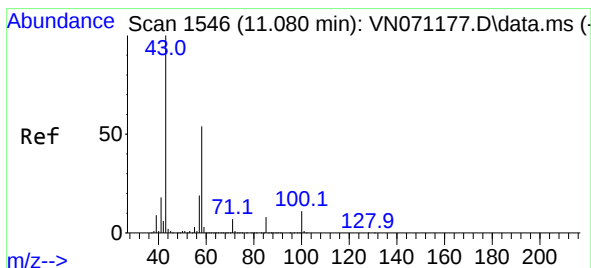
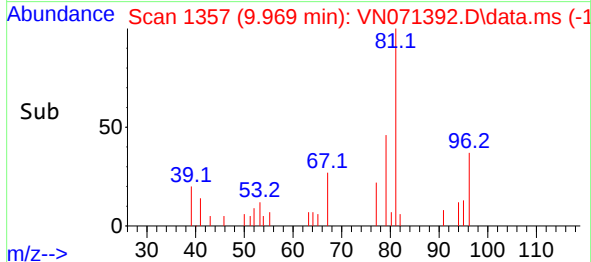
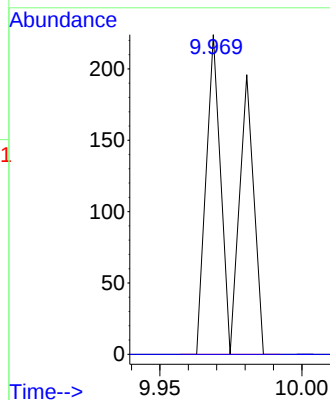
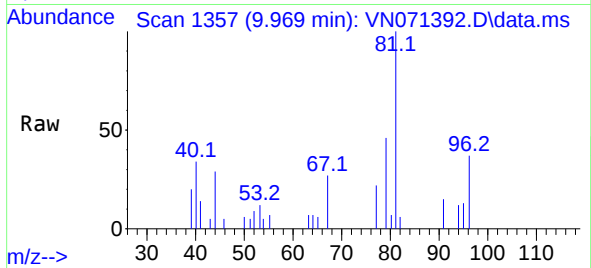




#58
2-Chloroethyl Vinyl ether
Concen: 27.908 ug/l
RT: 9.969 min Scan# 11
Delta R.T. -0.070 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

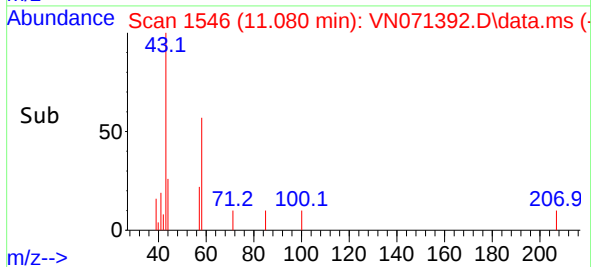
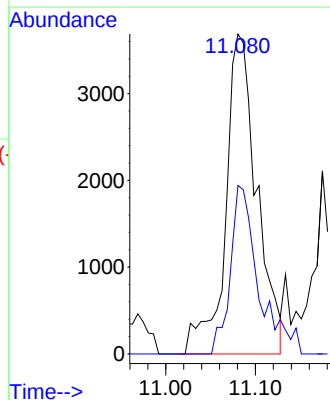
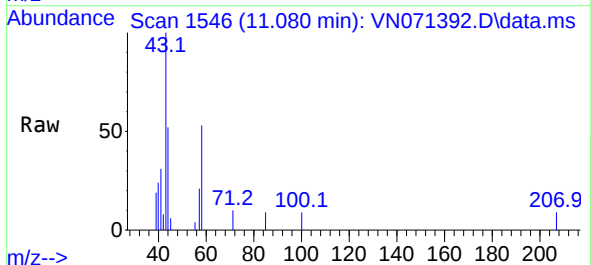
Instrument :
MSVOA_N
ClientSampleId :
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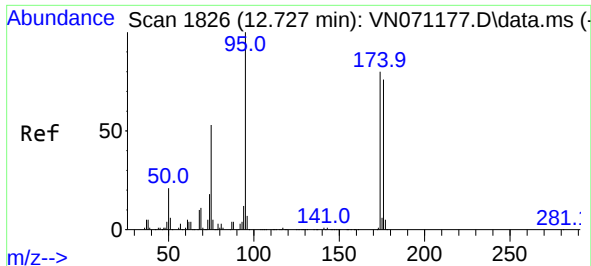
Tgt Ion: 63 Resp: 148
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.853 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 43 Resp: 8899
Ion Ratio Lower Upper
43 100
58 47.5 26.9 80.7

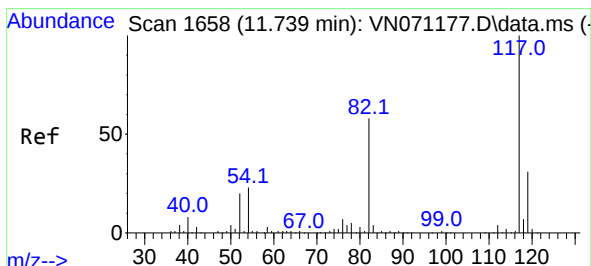
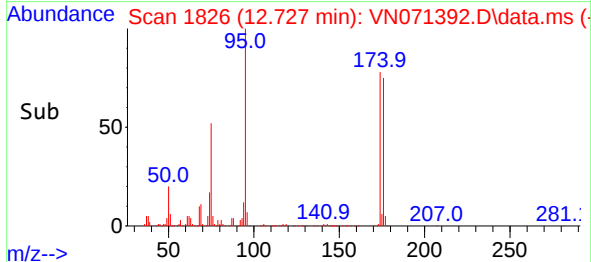
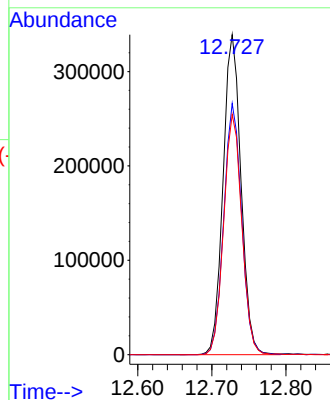
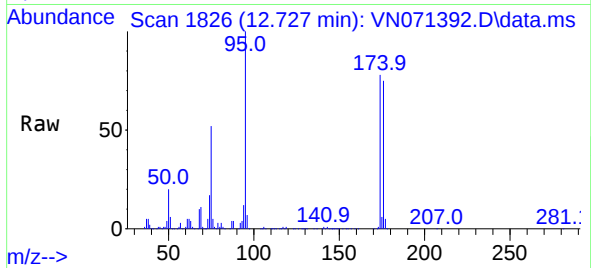




#62
4-Bromofluorobenzene
Concen: 55.942 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

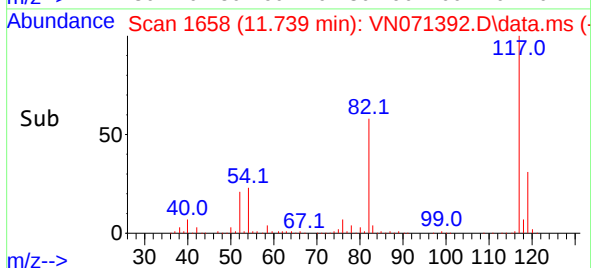
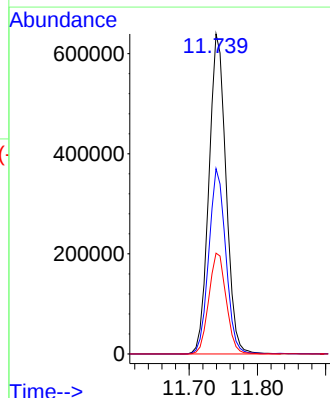
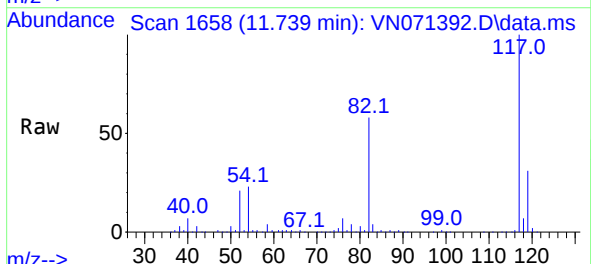
Instrument :
MSVOA_N
ClientSampleId :
31405DL

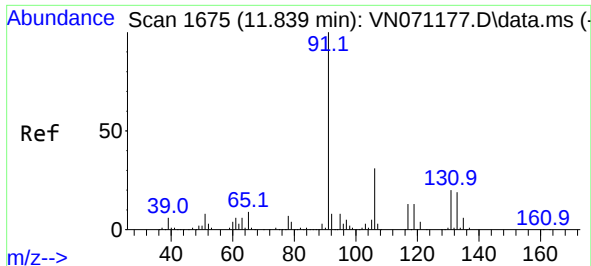
Tgt Ion: 95 Resp: 569709
Ion Ratio Lower Upper
95 100
174 78.3 0.0 187.2
176 75.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 117 Resp: 1116468
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.5 25.4 38.2

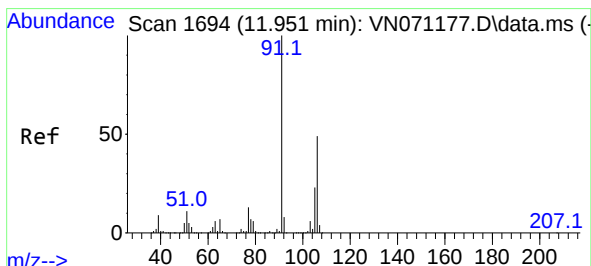
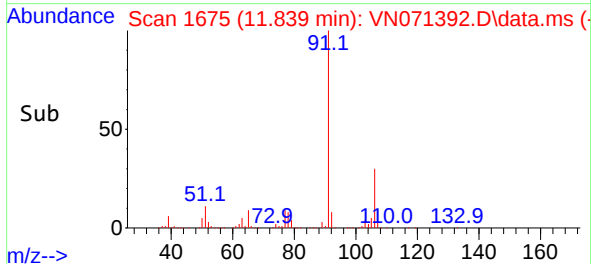
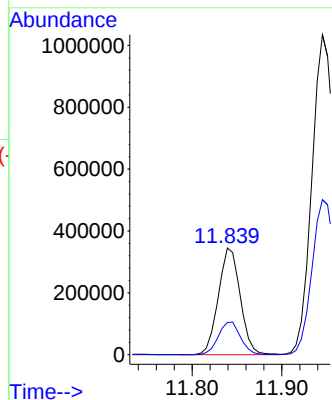
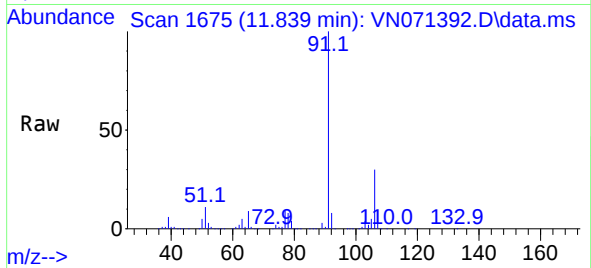




#67
Ethyl Benzene
Concen: 13.782 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

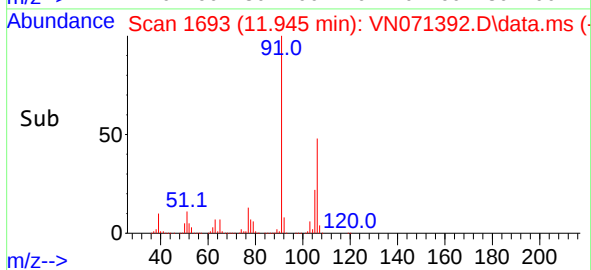
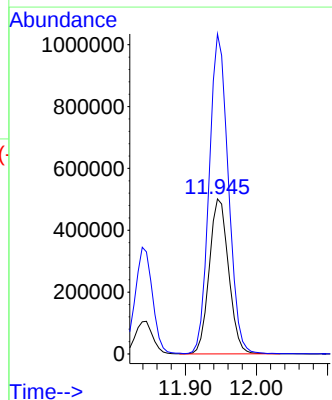
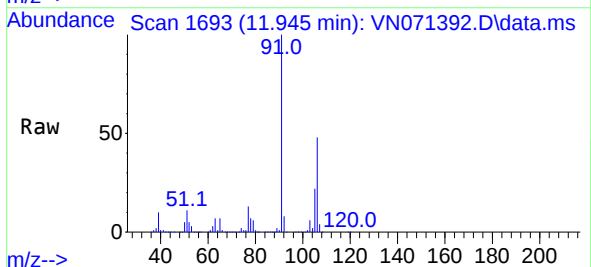
Instrument :
MSVOA_N
ClientSampleId :
31405DL

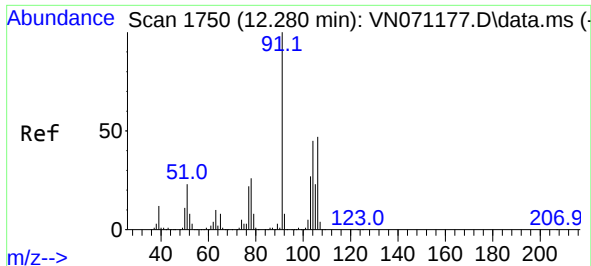
Tgt Ion: 91 Resp: 584265
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5



#68
m/p-Xylenes
Concen: 61.140 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 106 Resp: 948210
Ion Ratio Lower Upper
106 100
91 204.5 160.6 240.8

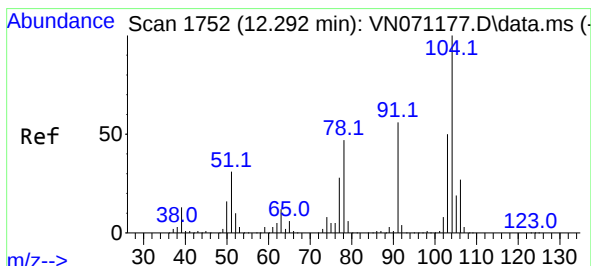
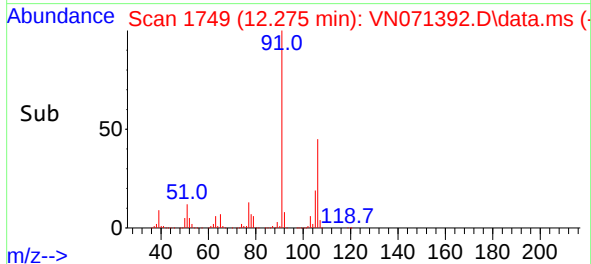
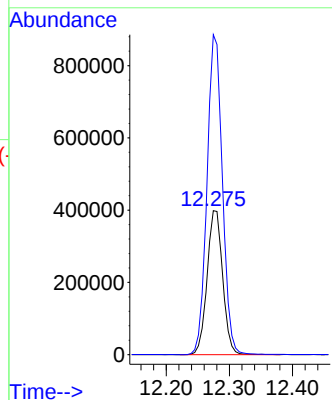
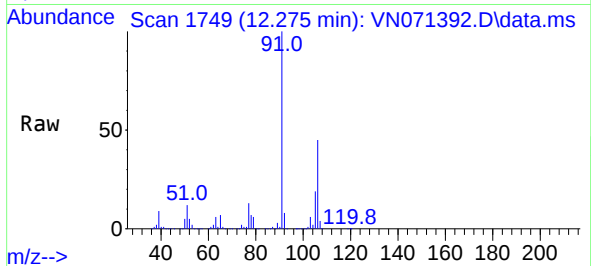




#69
o-Xylene
Concen: 43.849 ug/l
RT: 12.275 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

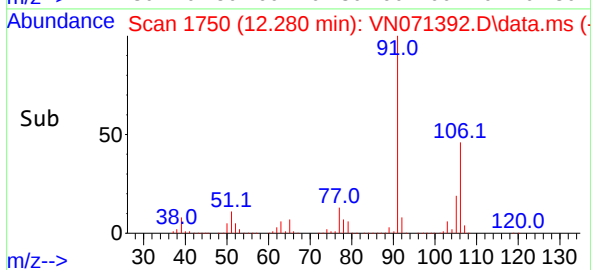
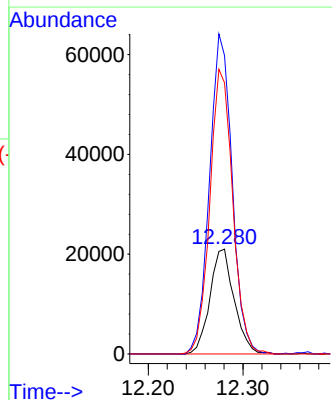
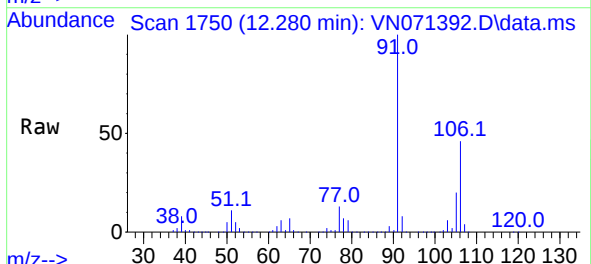
Instrument :
MSVOA_N
ClientSampleId :
31405DL

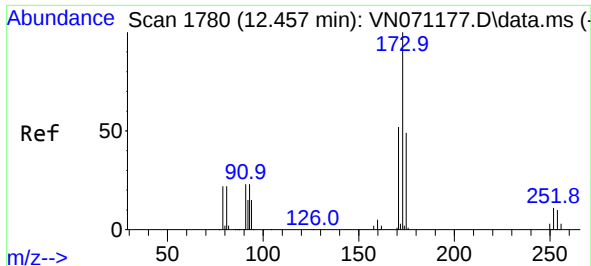
Tgt Ion:106 Resp: 681677
Ion Ratio Lower Upper
106 100
91 219.7 105.8 317.3



#70
Styrene
Concen: 1.556 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. -0.012 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion:104 Resp: 37455
Ion Ratio Lower Upper
104 100
78 284.1 38.7 58.1#
103 255.8 45.0 67.6#

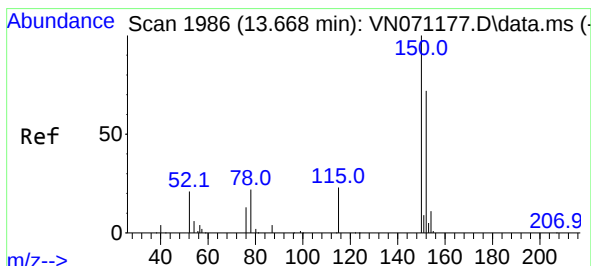
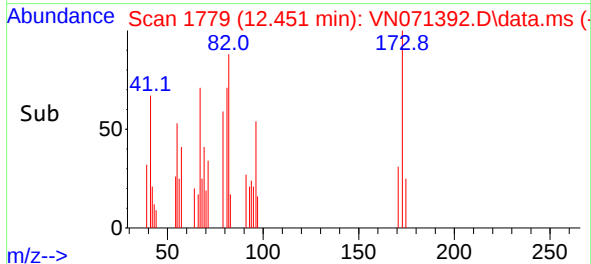
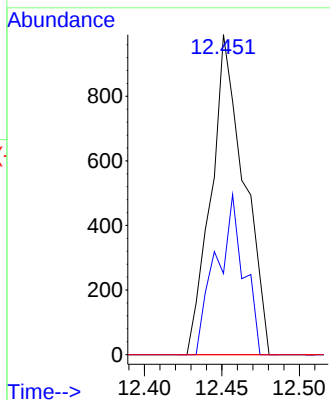
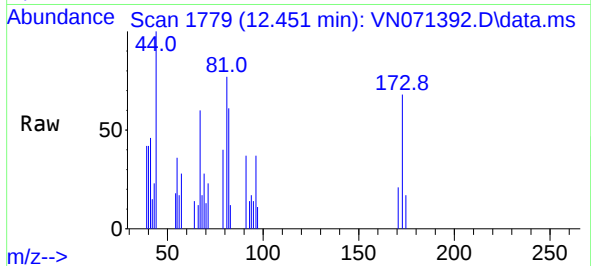




#71
Bromoform
Concen: 0.219 ug/l
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

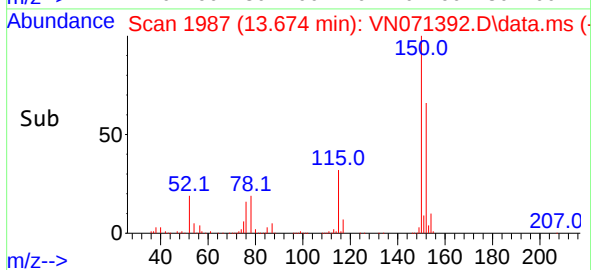
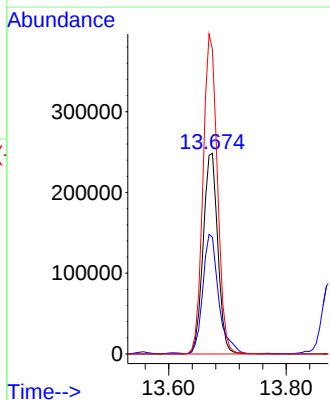
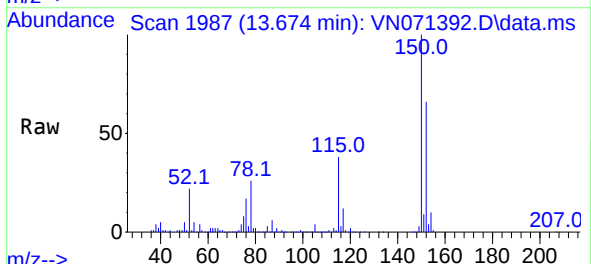
Instrument :
MSVOA_N
ClientSampleId :
31405DL

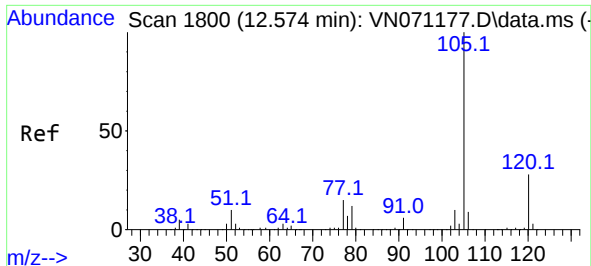
Tgt Ion:173 Resp: 1464
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion:152 Resp: 429643
Ion Ratio Lower Upper
152 100
115 64.3 27.5 82.5
150 156.8 0.0 344.4

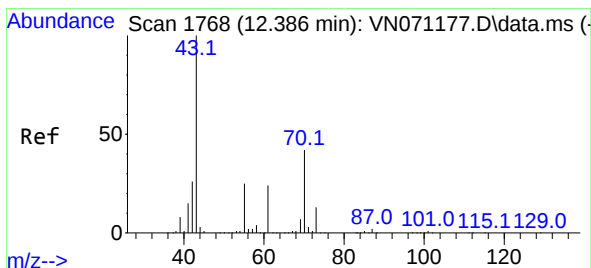
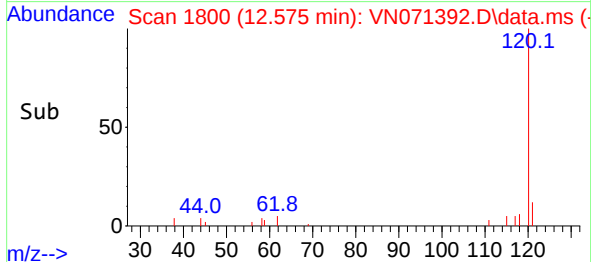
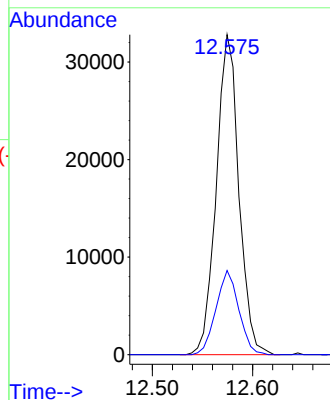
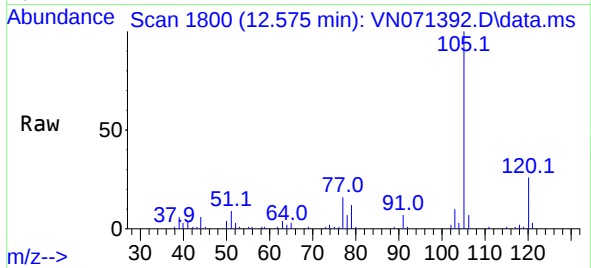




#73
Isopropylbenzene
Concen: 1.237 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

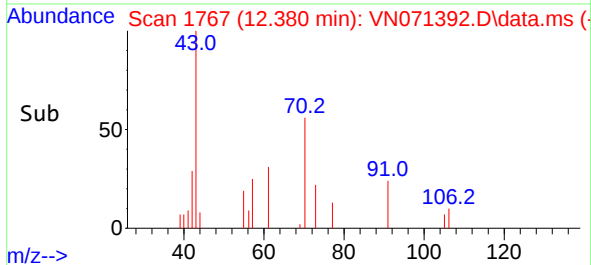
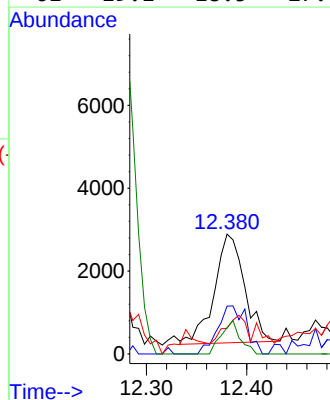
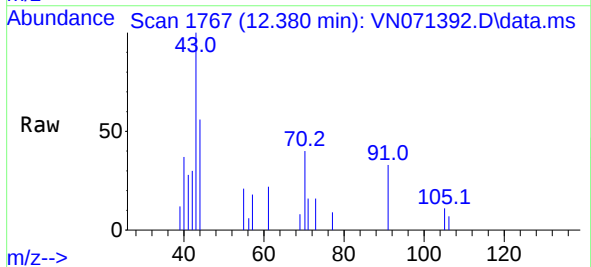
Instrument :
MSVOA_N
ClientSampleId :
31405DL

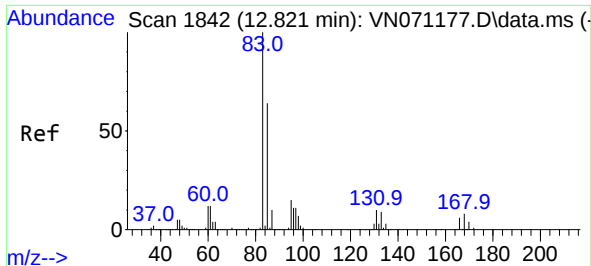
Tgt Ion:105 Resp: 51241
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 0.352 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 43 Resp: 5489
Ion Ratio Lower Upper
43 100
70 41.8 33.4 50.0
55 26.9 19.3 28.9
61 19.1 18.5 27.7

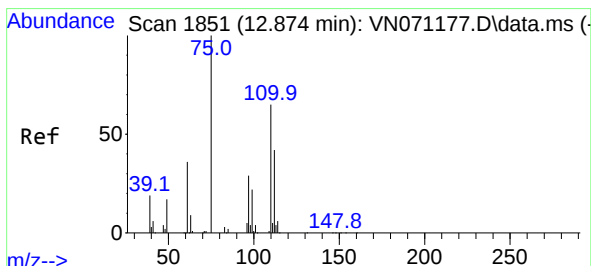
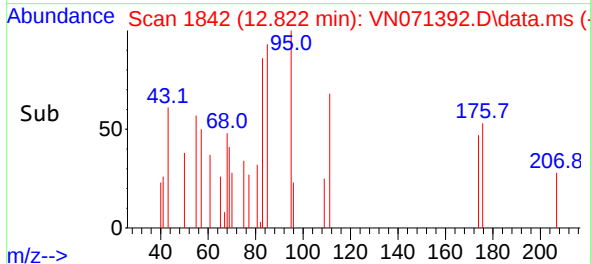
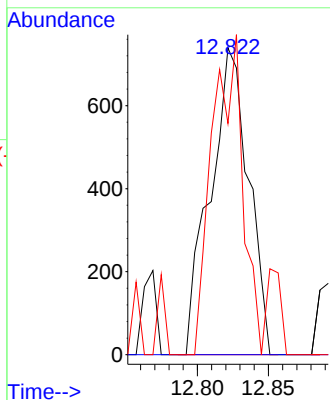
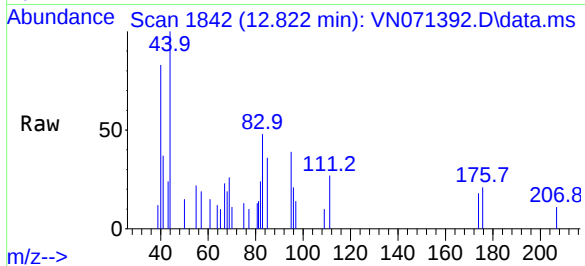




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

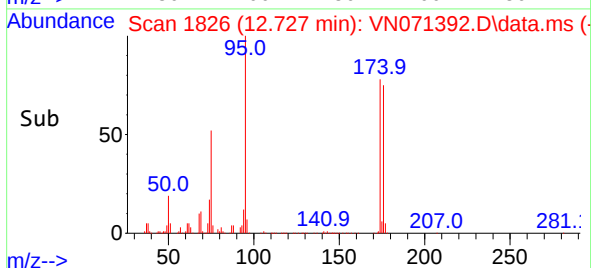
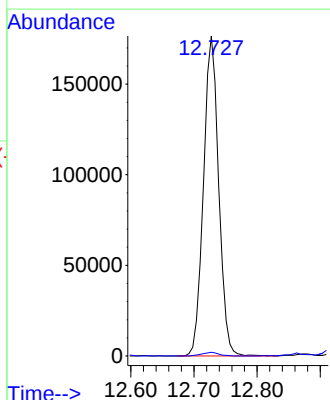
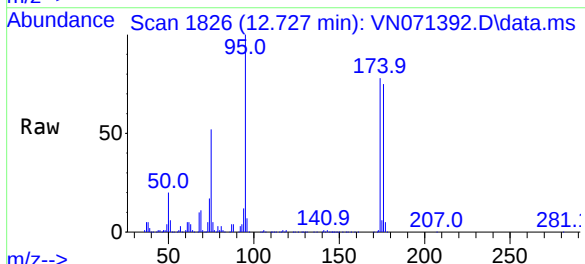
Instrument :
MSVOA_N
ClientSampleId :
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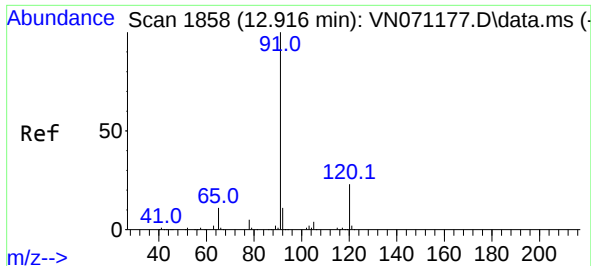
Tgt Ion: 83 Resp: 1391
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 83.2 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 27.101 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 75 Resp: 295665
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

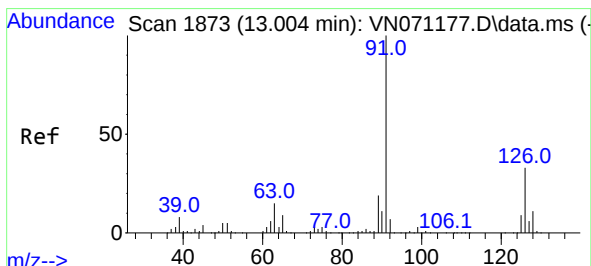
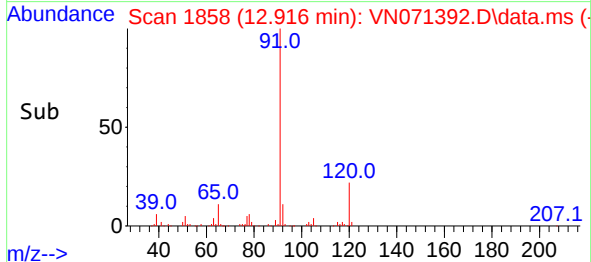
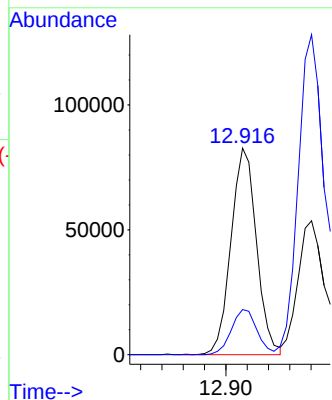
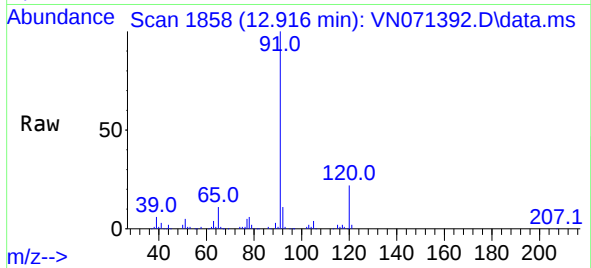




#78
n-propylbenzene
Concen: 3.099 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

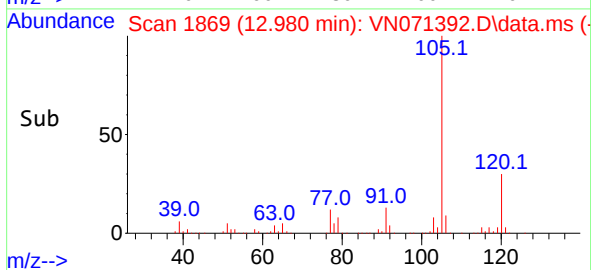
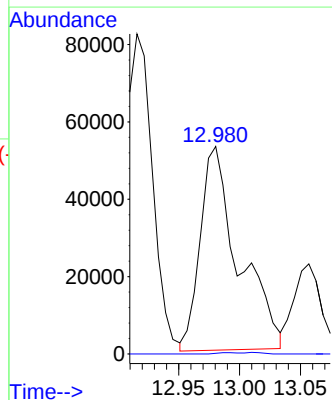
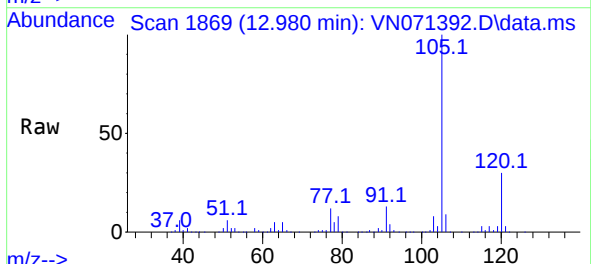
Instrument :
MSVOA_N
ClientSampleId :
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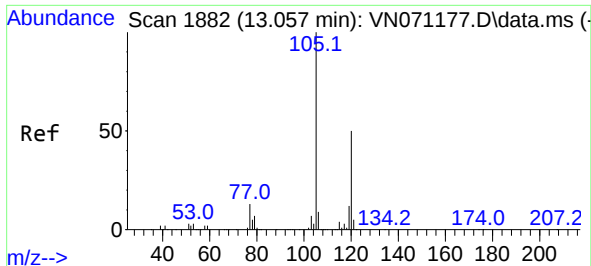
Tgt Ion: 91 Resp: 137735
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9



#79
2-Chlorotoluene
Concen: 4.061 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. -0.024 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 91 Resp: 115869
Ion Ratio Lower Upper
91 100
126 0.3 18.3 54.8#

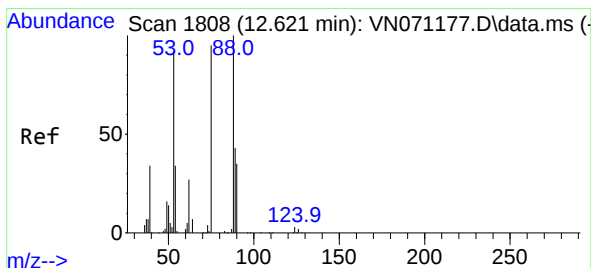
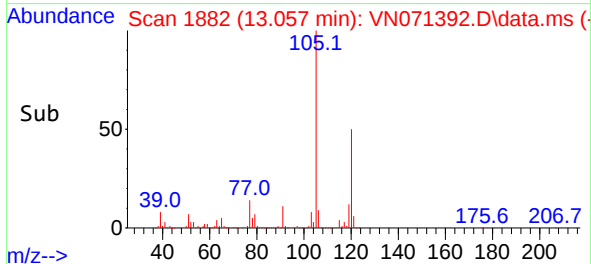
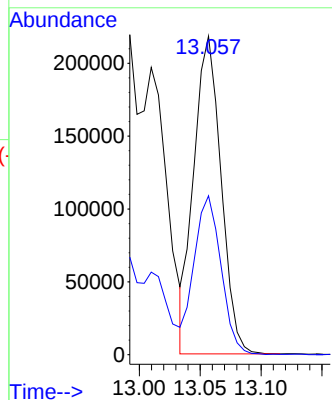
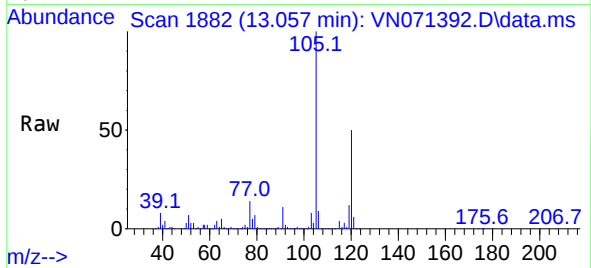




#80
1,3,5-Trimethylbenzene
Concen: 10.513 ug/l
RT: 13.057 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

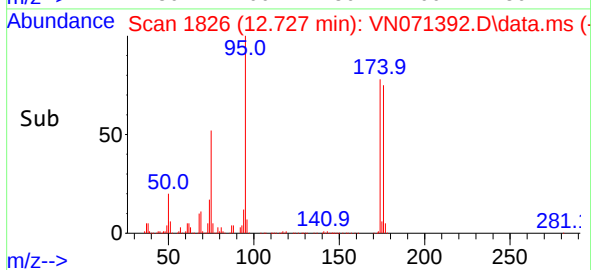
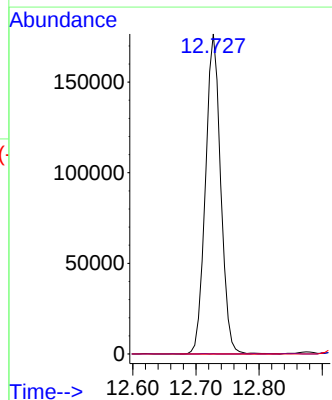
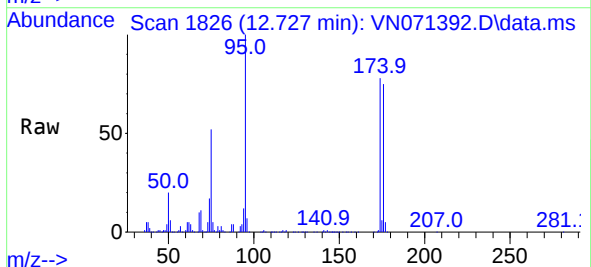
Instrument :
MSVOA_N
ClientSampleId :
31405DL

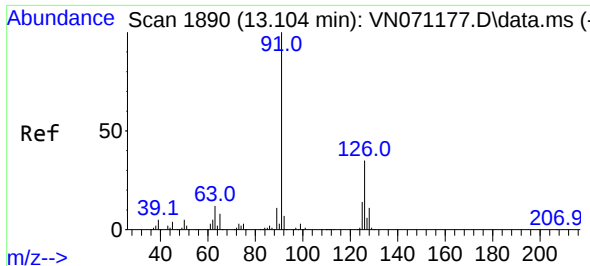
Tgt Ion:105 Resp: 338762
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 74.390 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 75 Resp: 295665
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

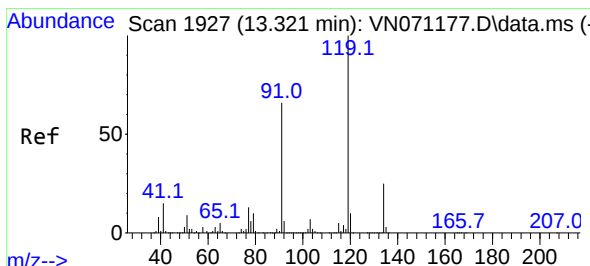
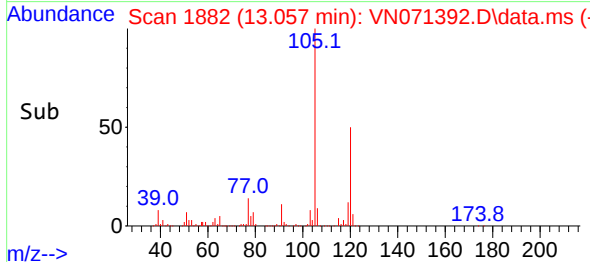
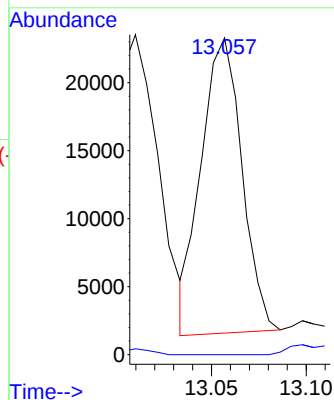
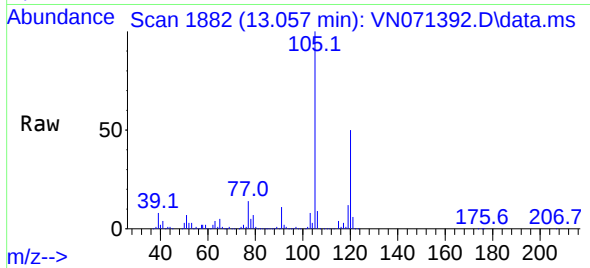




#82
4-Chlorotoluene
Concen: 1.280 ug/l
RT: 13.057 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

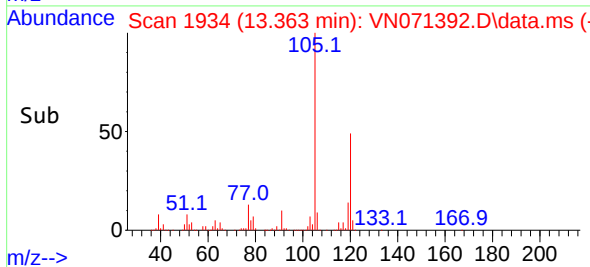
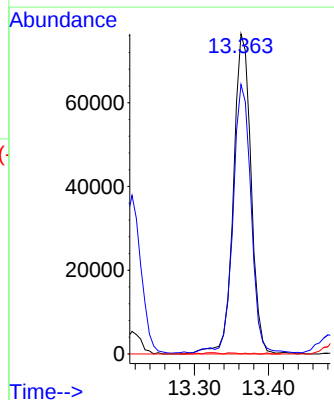
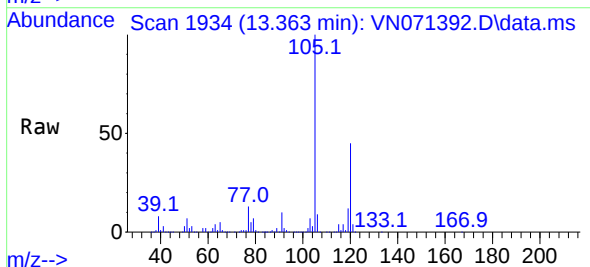
Instrument :
MSVOA_N
ClientSampleId :
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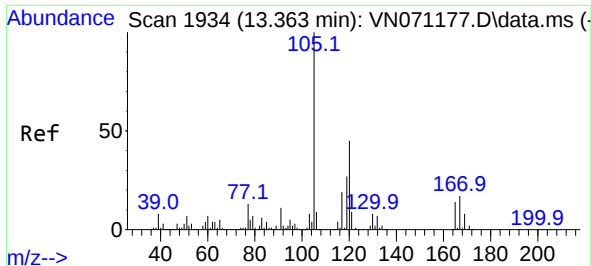
Tgt Ion: 91 Resp: 32526
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 4.382 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.041 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 119 Resp: 126012
Ion Ratio Lower Upper
119 100
91 86.2 31.5 94.5
134 0.0 12.4 37.4#

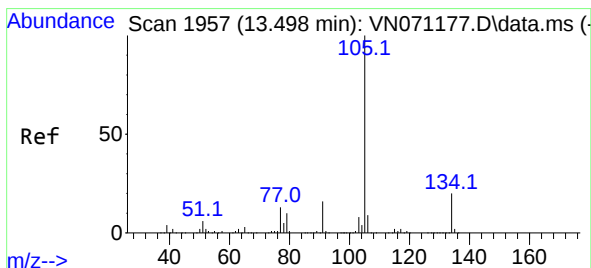
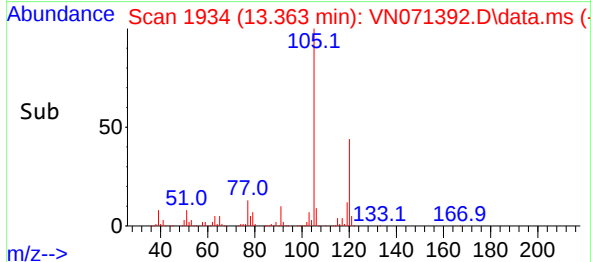
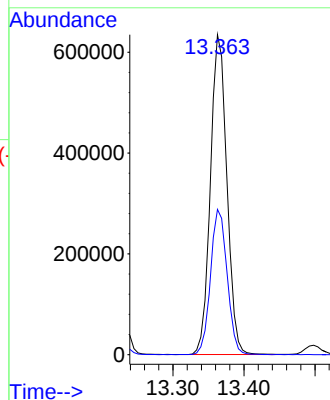
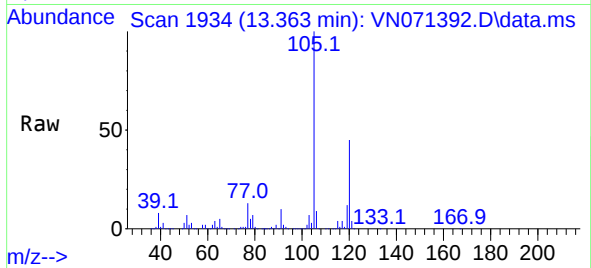




#84
1,2,4-Trimethylbenzene
Concen: 33.064 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

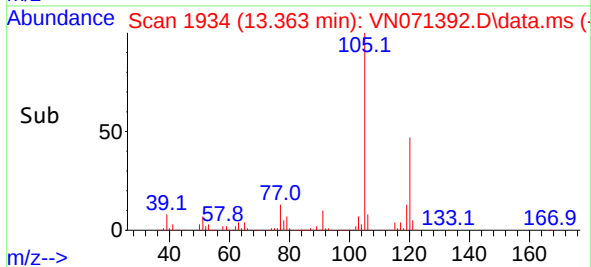
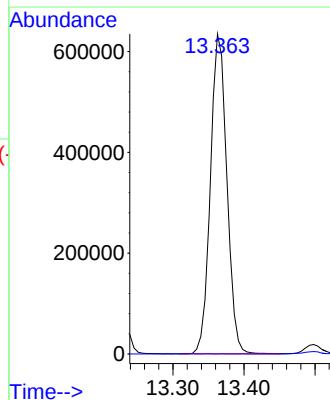
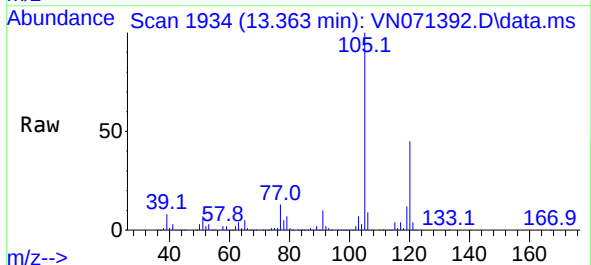
Instrument :
MSVOA_N
ClientSampleId :
31405DL

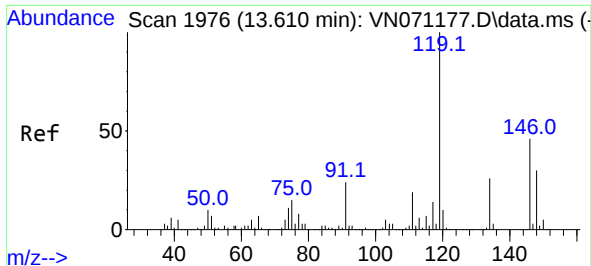
Tgt Ion:105 Resp: 1020491
Ion Ratio Lower Upper
105 100
120 45.9 22.8 68.4



#85
sec-Butylbenzene
Concen: 26.699 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.135 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion:105 Resp: 1020491
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

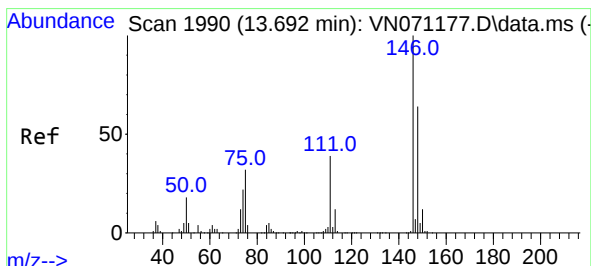
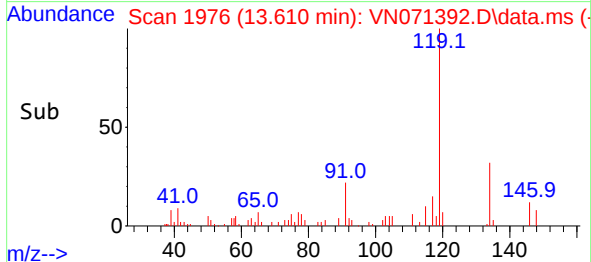
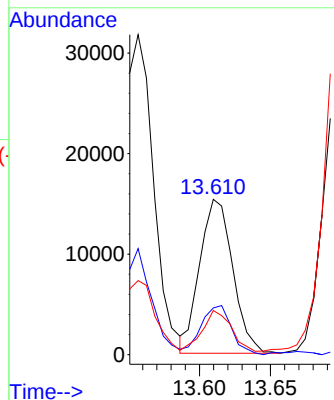
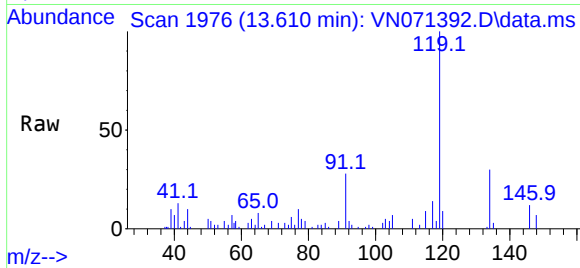




#86
p-Isopropyltoluene
Concen: 0.824 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

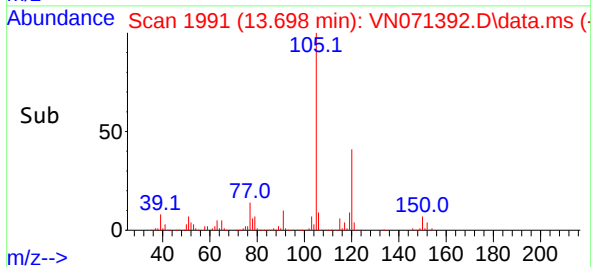
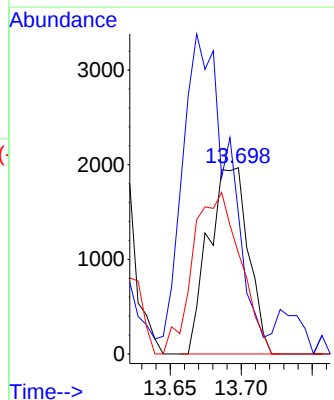
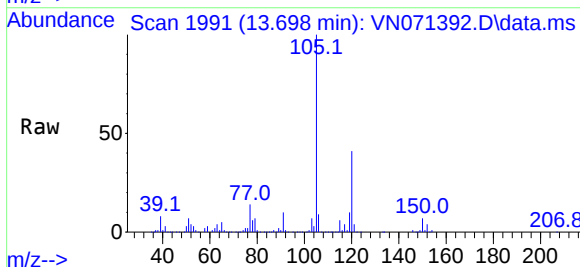
Instrument :
MSVOA_N
ClientSampleId :
31405DL

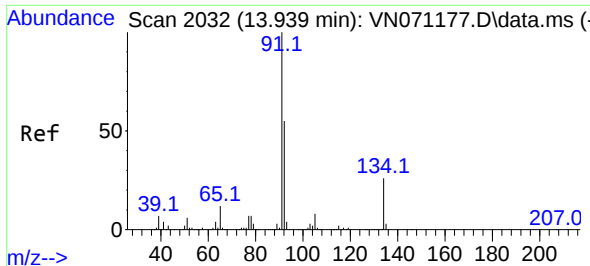
Tgt Ion:	119	Resp:	24757
Ion	Ratio	Lower	Upper
119	100		
134	29.6	13.6	40.7
91	22.5	11.4	34.1



#88
1,4-Dichlorobenzene
Concen: 0.251 ug/l
RT: 13.698 min Scan# 1991
Delta R.T. 0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion:	146	Resp:	3847
Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.3	54.8#
148	103.0	31.8	95.4#

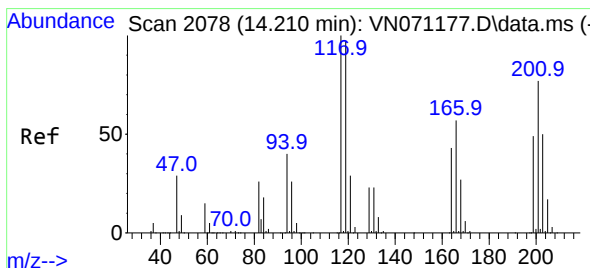
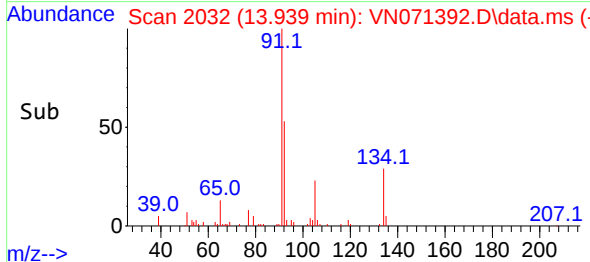
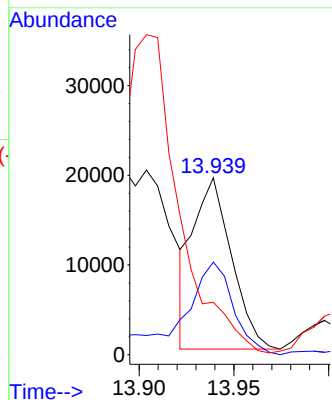
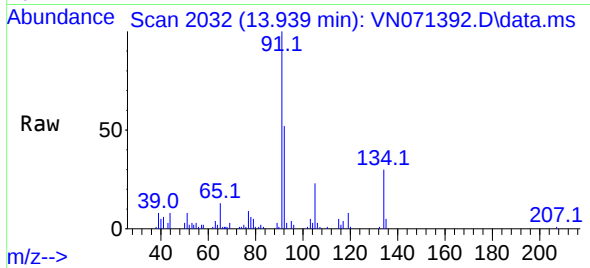




#89
n-Butylbenzene
Concen: 1.140 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

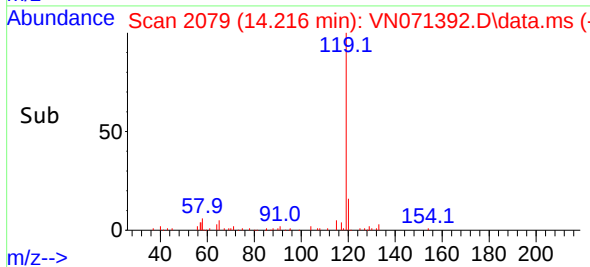
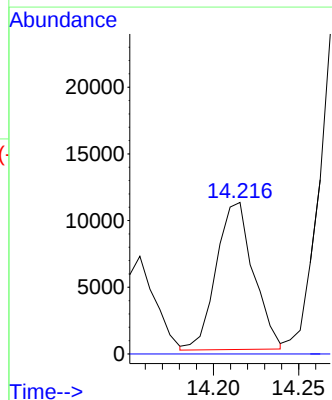
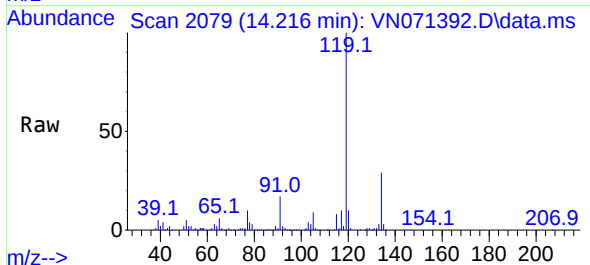
Instrument :
MSVOA_N
ClientSampleId :
31405DL

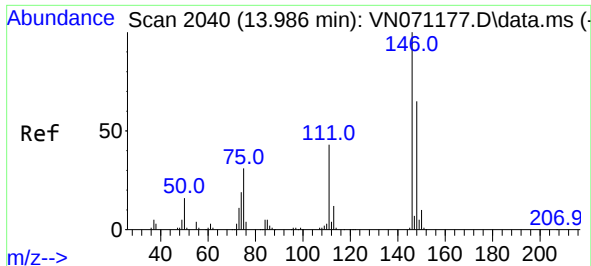
Tgt Ion: 91 Resp: 26809
Ion Ratio Lower Upper
91 100
92 64.5 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 2.808 ug/l
RT: 14.216 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion: 117 Resp: 16785
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#





#91

1,2-Dichlorobenzene

Concen: 0.210 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN071392.D

Acq: 19 Mar 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

31405DL

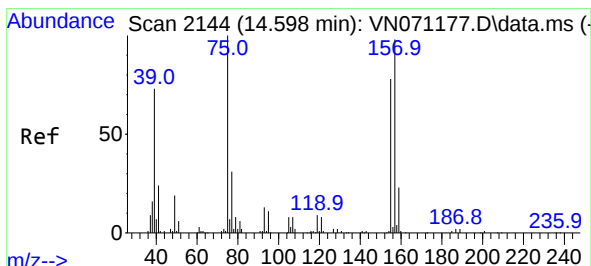
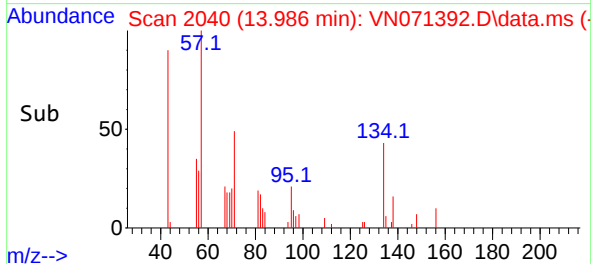
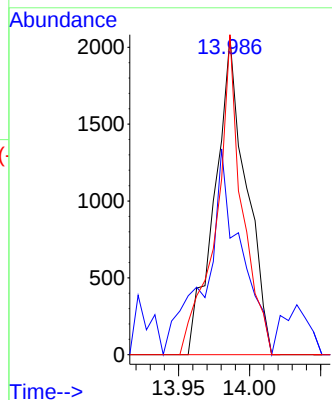
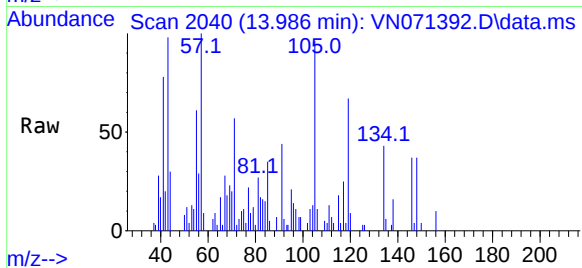
Tgt Ion:146 Resp: 3168

Ion Ratio Lower Upper

146 100

111 71.6 19.1 57.3#

148 83.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.173 ug/l

RT: 14.580 min Scan# 2141

Delta R.T. -0.018 min

Lab File: VN071392.D

Acq: 19 Mar 2022 12:53

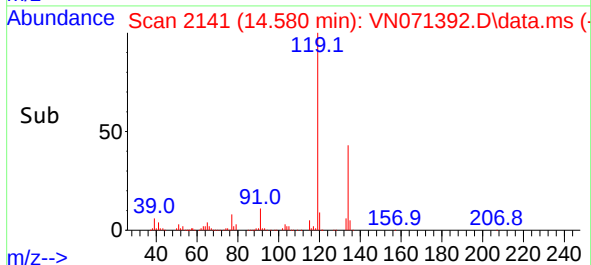
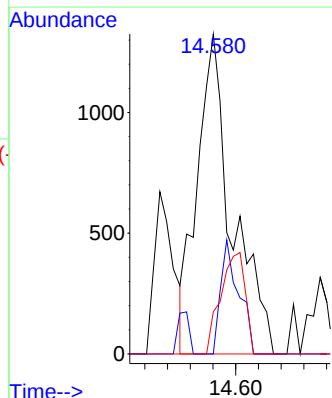
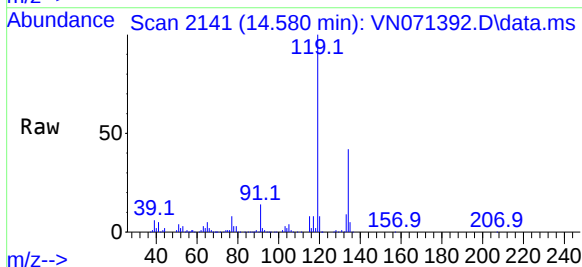
Tgt Ion: 75 Resp: 2827

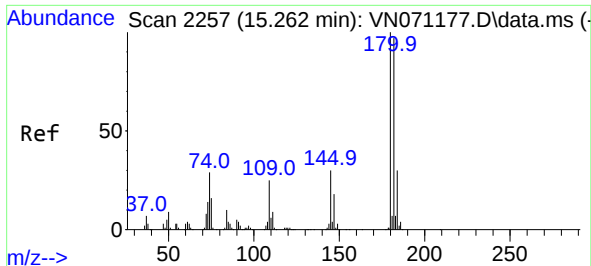
Ion Ratio Lower Upper

75 100

155 0.0 46.9 140.7#

157 0.0 60.6 181.7#

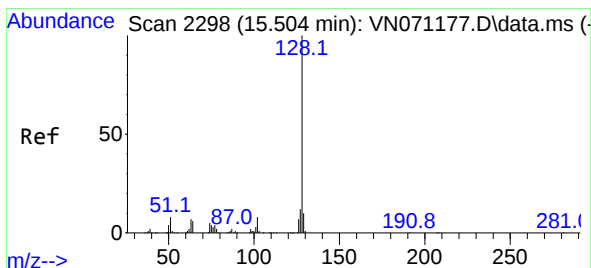
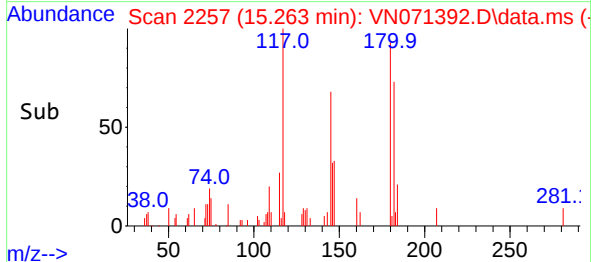
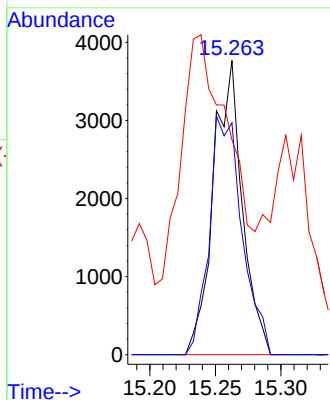
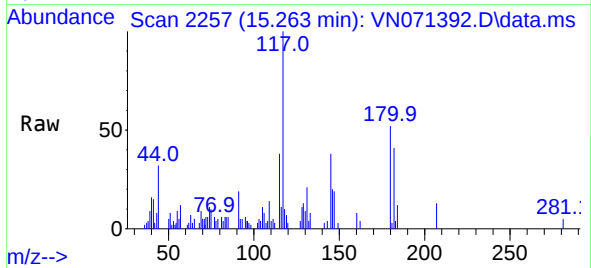




#93
1,2,4-Trichlorobenzene
Concen: 3.760 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

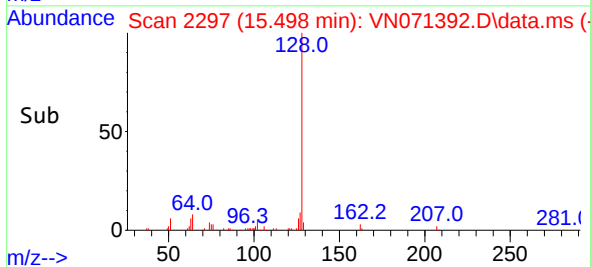
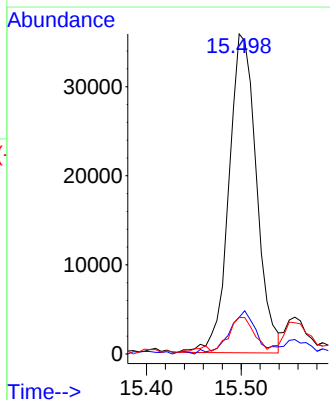
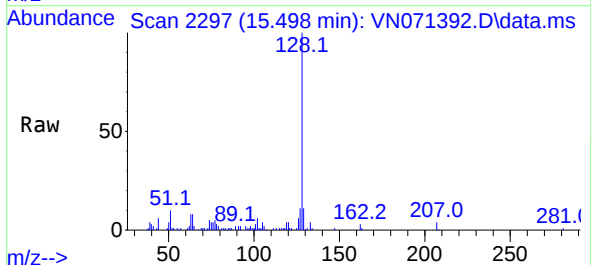
Instrument :
MSVOA_N
ClientSampleId :
31405DL

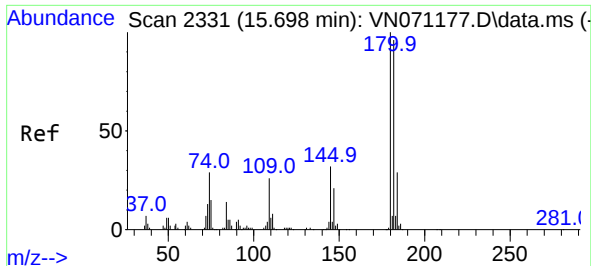
Tgt Ion:180 Resp: 5775
Ion Ratio Lower Upper
180 100
182 0.0 48.3 144.9#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 8.371 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN071392.D
Acq: 19 Mar 2022 12:53

Tgt Ion:128 Resp: 72410
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 9.3 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 3.832 ug/l

RT: 15.692 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071392.D

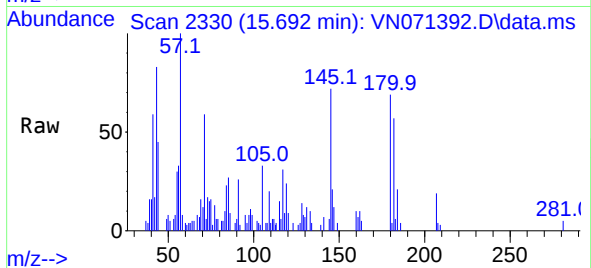
Acq: 19 Mar 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

31405DL



Tgt Ion:180 Resp: 7848

Ion Ratio Lower Upper

180 100

182 87.9 47.4 142.2

145 92.1 15.0 45.1#

