

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
 Data File : VN072328.D
 Acq On : 04 May 2022 15:14
 Operator : JC\MD
 Sample : N2643-03ME 10X
 Misc : 1.20g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31487

Quant Time: May 04 15:56:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	227786	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	439927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	476723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	206681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	177909	50.874	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.740%	
35) Dibromofluoromethane	8.016	113	131616	46.742	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 93.480%	
50) Toluene-d8	10.439	98	554899	50.152	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.300%	
62) 4-Bromofluorobenzene	12.727	95	235282	64.067	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 128.140%	

Target Compounds				Qvalue		
3) Chloromethane	2.416	50	55984	19.040	ug/l	# 74
5) Bromomethane	2.840	94	381	Below Cal	#	63
6) Chloroethane	3.075	64	267	Below Cal	#	42
10) Methyl Iodide	4.428	142	642	0.225	ug/l	# 87
11) Tert butyl alcohol	5.369	59	33440	58.189	ug/l	# 94
16) Acetone	4.293	43	3141	2.083	ug/l	# 94
17) Carbon Disulfide	4.516	76	422	0.445	ug/l	# 75
20) Methylene Chloride	5.104	84	1105	0.382	ug/l	# 81
22) Diisopropyl ether	6.493	45	7837	0.842	ug/l	# 6
25) 2-Butanone	7.345	43	5364	2.234	ug/l	# 84
31) Cyclohexane	8.063	56	56848	12.166	ug/l	# 47
36) 1,1-Dichloropropene	8.081	75	20374	4.971	ug/l	# 49
37) Ethyl Acetate	7.345	43	5364	0.985	ug/l	# 68
38) Carbon Tetrachloride	8.081	117	25866	5.892	ug/l	# 16
39) Methylcyclohexane	9.457	83	29331	6.399	ug/l	# 83
43) Isopropyl Acetate	8.551	43	25646	3.754	ug/l	# 53
48) Methyl methacrylate	9.639	41	1897	0.528	ug/l	# 86
49) 1,4-Dioxane	9.569	88	58	0.918	ug/l	# 25
51) 4-Methyl-2-Pentanone	10.328	43	2612	0.509	ug/l	# 75
52) Toluene	10.504	92	2101019	276.449	ug/l	100
53) t-1,3-Dichloropropene	10.504	75	26695	5.881	ug/l	# 1
55) 1,1,2-Trichloroethane	10.875	97	11003	3.453	ug/l	# 22
56) Ethyl methacrylate	10.739	69	1143	2.560	ug/l	# 28
59) 2-Hexanone	11.045	43	14383	3.975	ug/l	# 21
67) Ethyl Benzene	11.839	91	53871	3.207	ug/l	# 98
68) m/p-Xylenes	11.945	106	73197	11.734	ug/l	# 92
69) o-Xylene	12.275	106	39362	6.509	ug/l	# 89
70) Styrene	12.280	104	3491	0.366	ug/l	# 1
73) Isopropylbenzene	12.574	105	24965	1.368	ug/l	# 99
74) N-amyl acetate	12.363	43	43965	6.429	ug/l	# 65
75) 1,1,2,2-Tetrachloroethane	12.798	83	3004	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.727	75	128607	27.696	ug/l	# 1
78) n-propylbenzene	12.916	91	96995	4.823	ug/l	# 96
79) 2-Chlorotoluene	12.980	91	44112	3.340	ug/l	# 43
80) 1,3,5-Trimethylbenzene	13.051	105	117220	7.711	ug/l	# 98
81) trans-1,4-Dichloro-2-b...	12.727	75	128607	71.948	ug/l	# 11

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

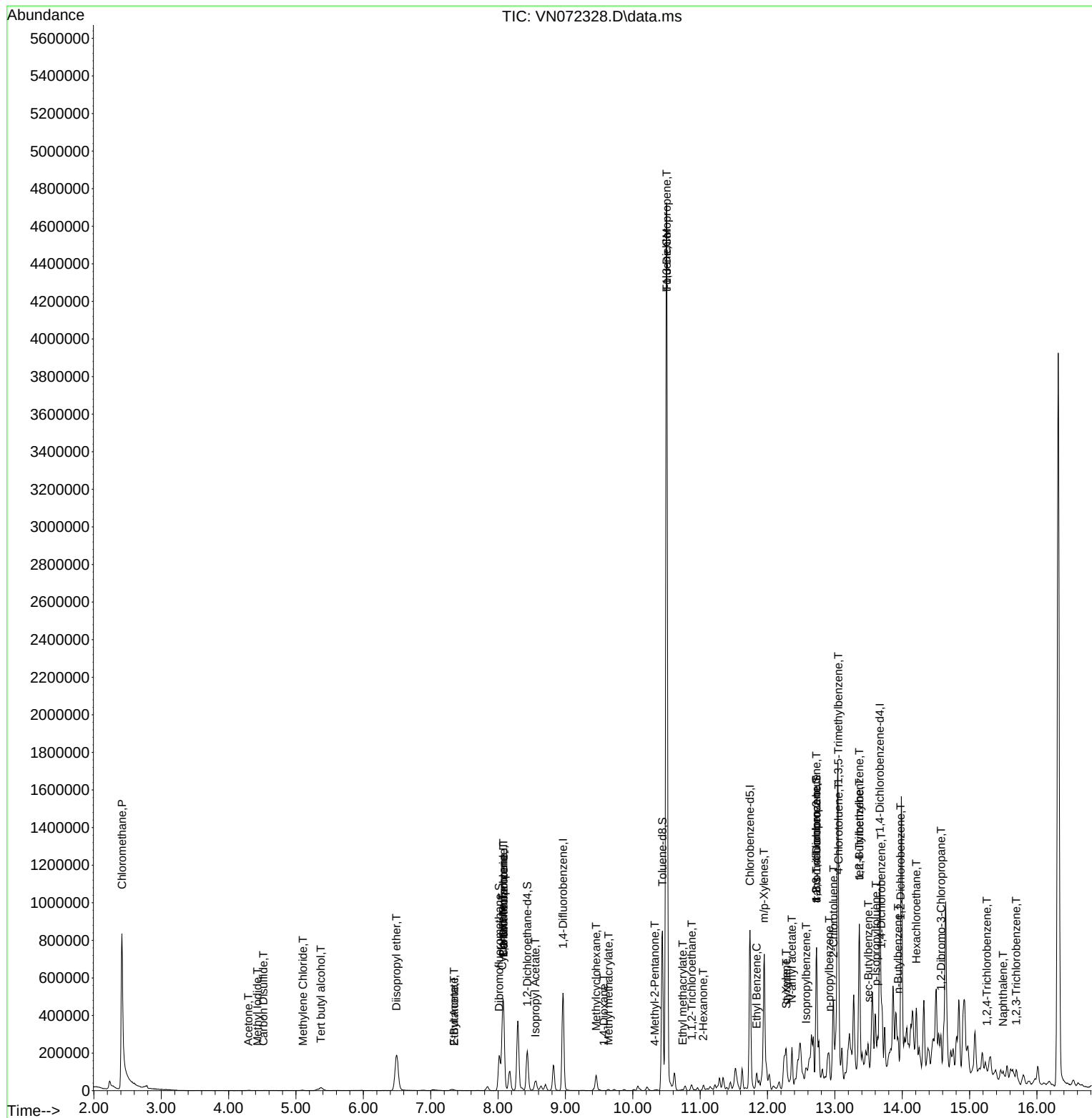
82) 4-Chlorotoluene	13.057	91	14636	1.190	ug/l #	46
83) tert-Butylbenzene	13.363	119	54800	4.106	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.363	105	440713	29.963	ug/l	97
85) sec-Butylbenzene	13.498	105	59364	3.411	ug/l	90
86) p-Isopropyltoluene	13.610	119	35941	2.649	ug/l	95
88) 1,4-Dichlorobenzene	13.686	146	2040	0.300	ug/l #	1
89) n-Butylbenzene	13.939	91	78574	7.561	ug/l #	80
90) Hexachloroethane	14.210	117	12042	4.089	ug/l #	9
91) 1,2-Dichlorobenzene	13.974	146	1581	0.230	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.574	75	792	0.627	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.257	180	2653	3.213	ug/l #	87
95) Naphthalene	15.498	128	35347	7.317	ug/l	96
96) 1,2,3-Trichlorobenzene	15.692	180	3924	3.844	ug/l #	26

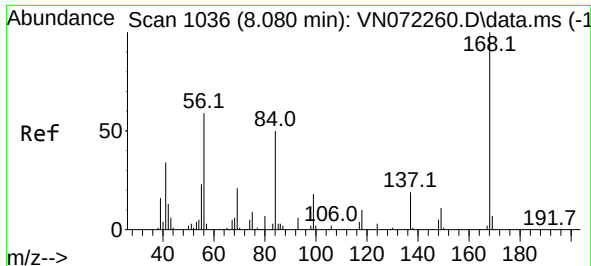
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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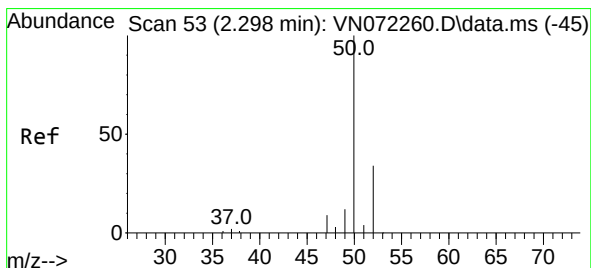
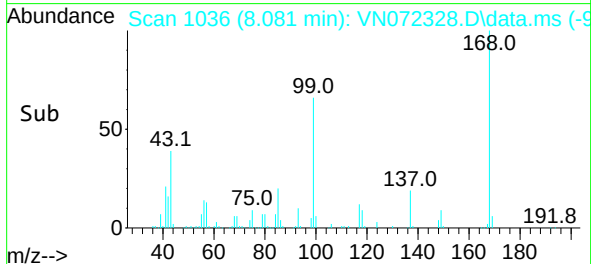
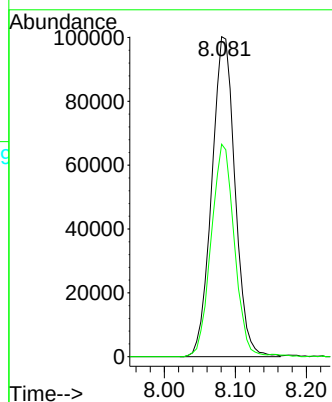
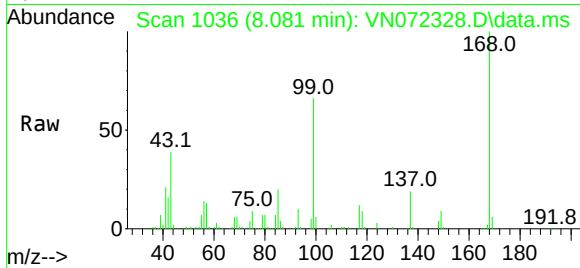




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

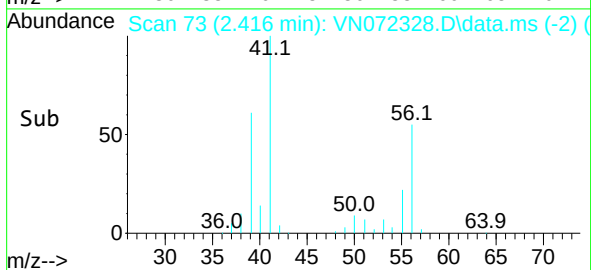
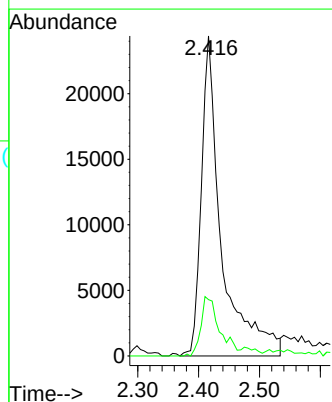
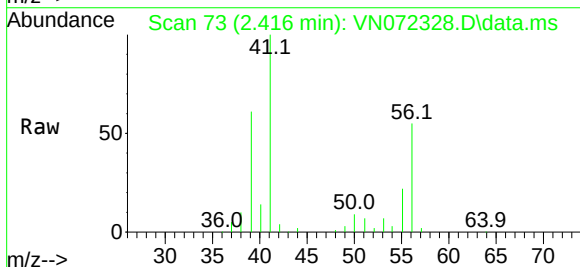
Instrument :
MSVOA_N
ClientSampleId :
31487

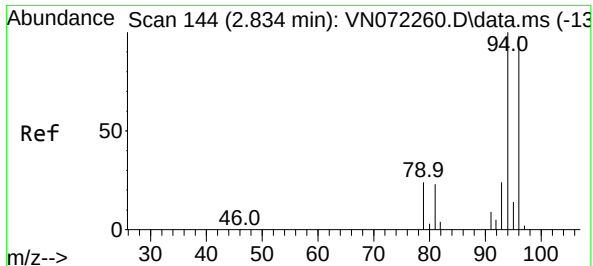
Tgt Ion:168 Resp: 227786
Ion Ratio Lower Upper
168 100
99 66.4 42.3 63.5#



#3
Chloromethane
Concen: 19.040 ug/l
RT: 2.416 min Scan# 73
Delta R.T. 0.117 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 50 Resp: 55984
Ion Ratio Lower Upper
50 100
52 17.6 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.840 min Scan# 144

Delta R.T. 0.006 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

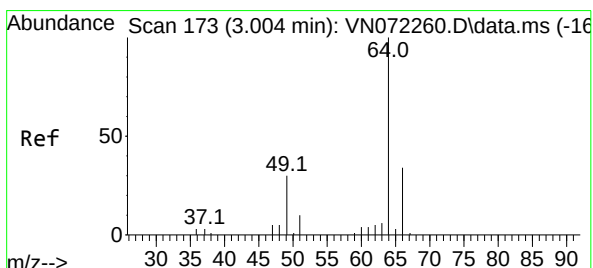
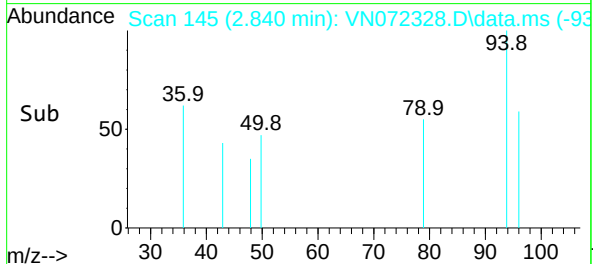
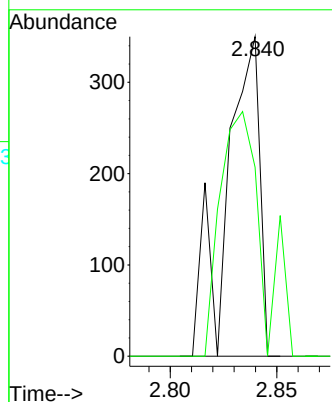
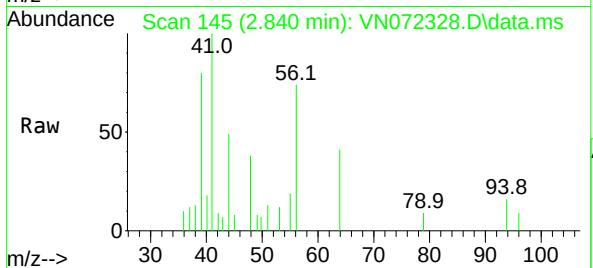
31487

Tgt Ion: 94 Resp: 381

Ion Ratio Lower Upper

94 100

96 59.1 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 3.075 min Scan# 185

Delta R.T. 0.070 min

Lab File: VN072328.D

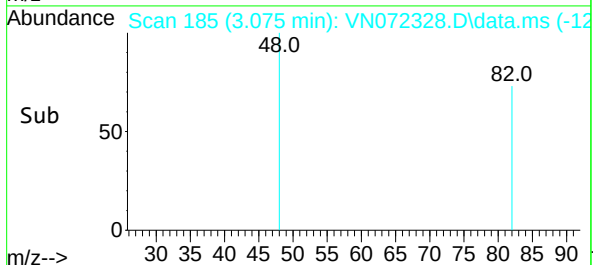
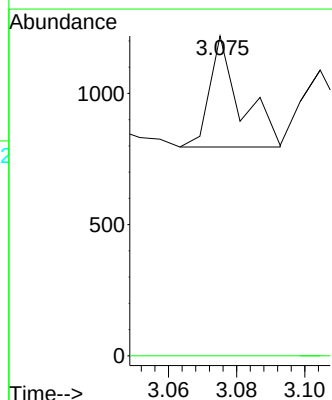
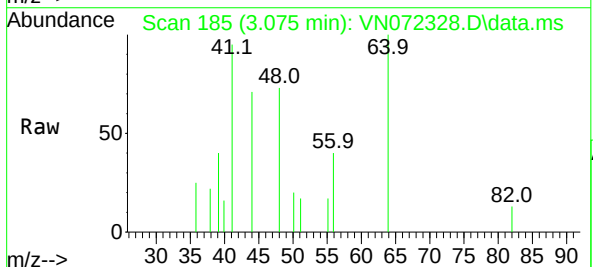
Acq: 04 May 2022 15:14

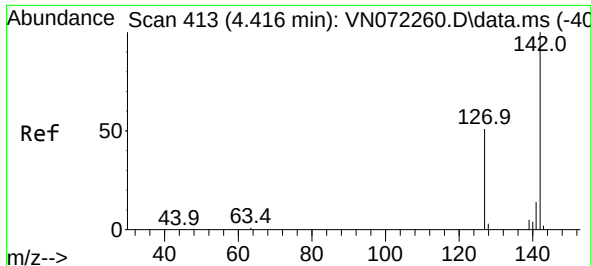
Tgt Ion: 64 Resp: 267

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

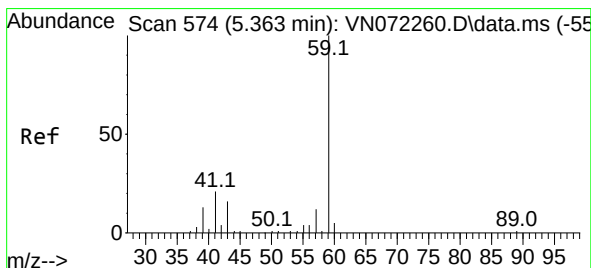
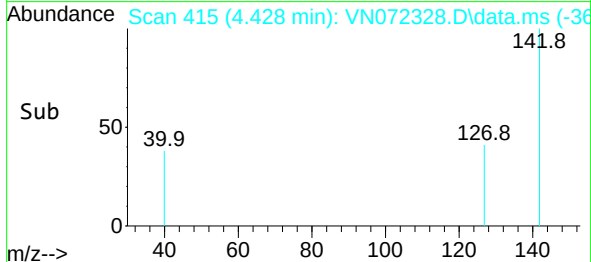
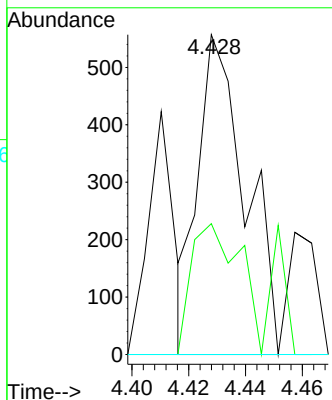
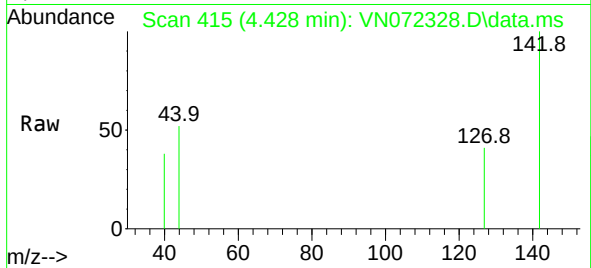




#10
Methyl Iodide
Concen: 0.225 ug/l
RT: 4.428 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

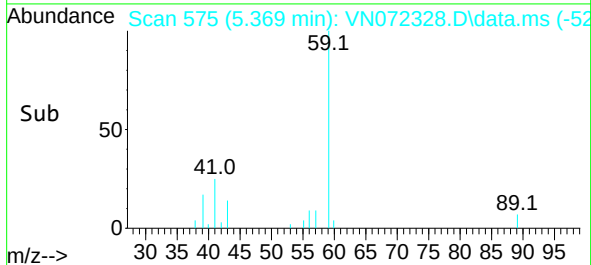
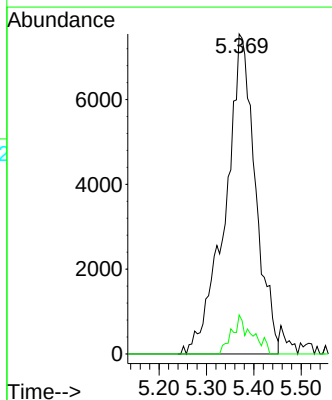
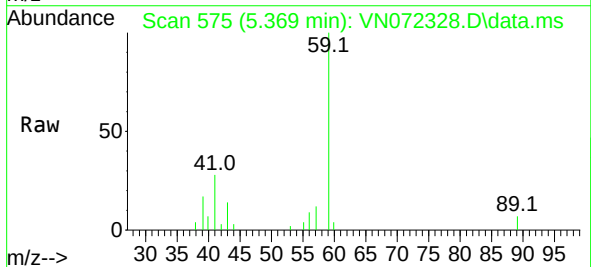
Instrument :
MSVOA_N
ClientSampleId :
31487

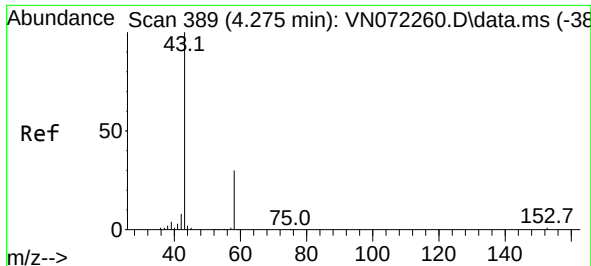
Tgt Ion:142 Resp: 642
Ion Ratio Lower Upper
142 100
127 42.7 31.3 46.9
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 58.189 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.006 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 59 Resp: 33440
Ion Ratio Lower Upper
59 100
57 8.0 8.3 12.5#





#16

Acetone

Concen: 2.083 ug/l

RT: 4.293 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

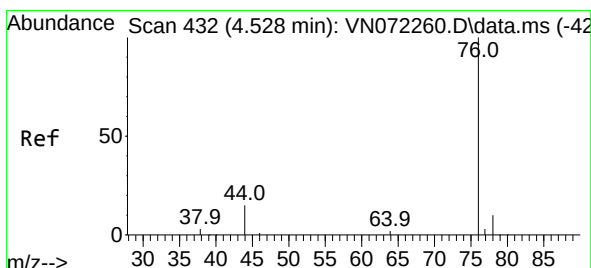
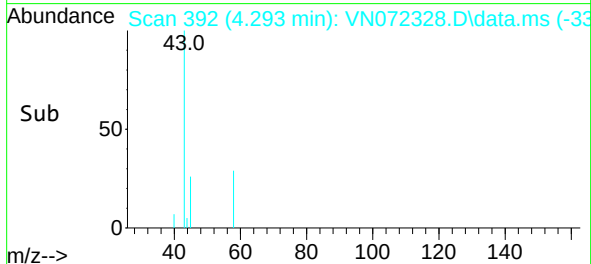
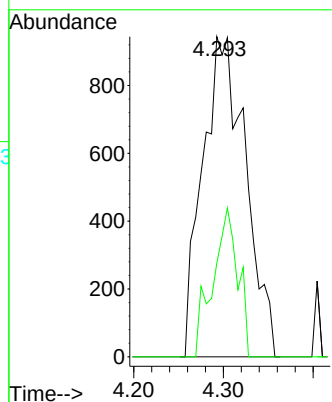
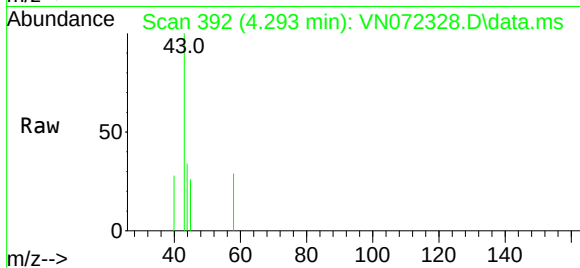
31487

Tgt Ion: 43 Resp: 3141

Ion Ratio Lower Upper

43 100

58 29.3 26.0 39.0



#17

Carbon Disulfide

Concen: 0.445 ug/l

RT: 4.516 min Scan# 430

Delta R.T. -0.018 min

Lab File: VN072328.D

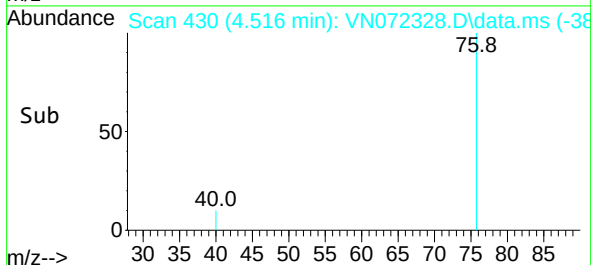
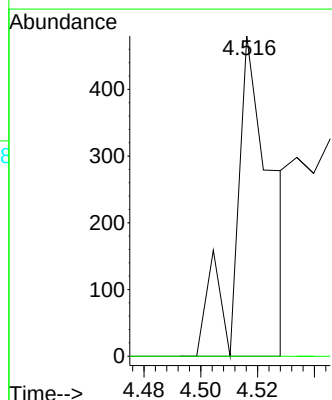
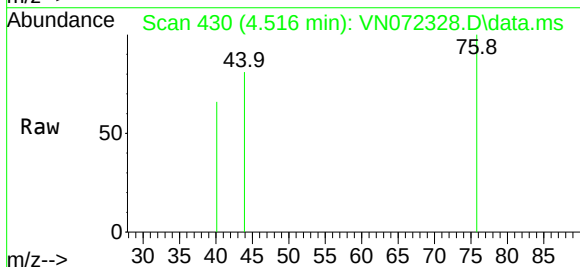
Acq: 04 May 2022 15:14

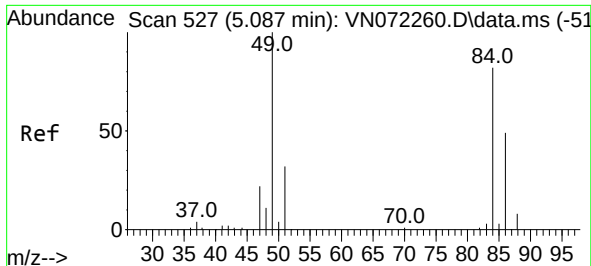
Tgt Ion: 76 Resp: 422

Ion Ratio Lower Upper

76 100

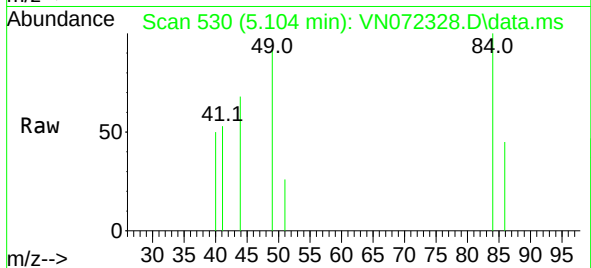
78 0.0 7.2 10.8#





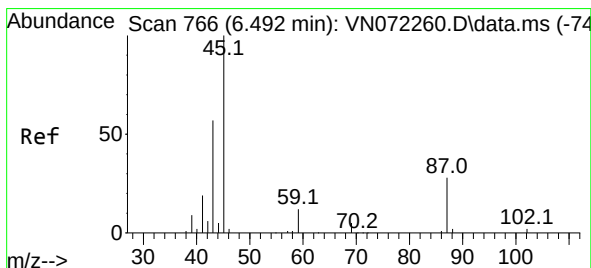
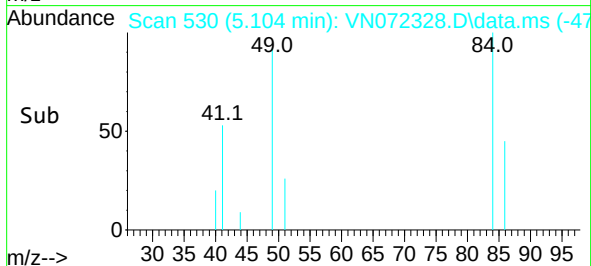
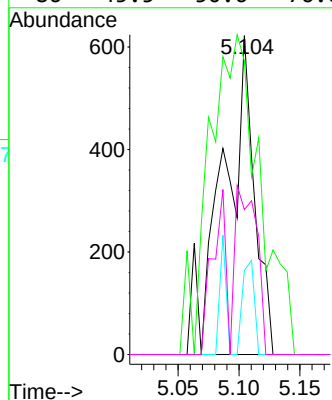
#20
Methylene Chloride
Concen: 0.382 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 84 Resp: 1105

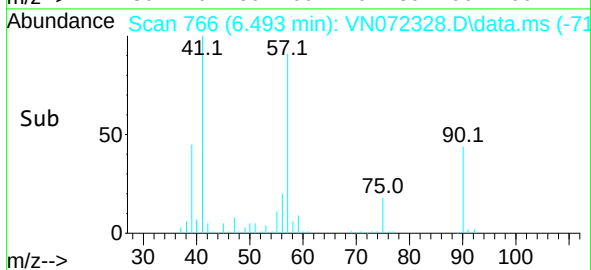
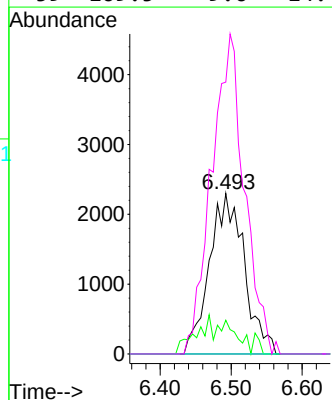
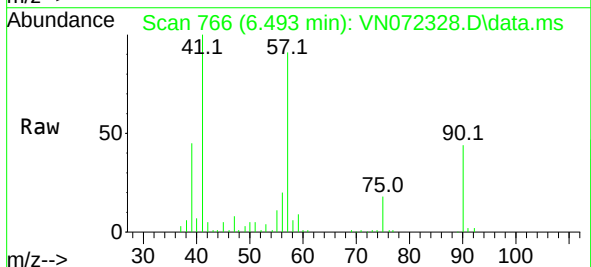
Ion	Ratio	Lower	Upper
84	100		
49	92.1	88.3	132.5
51	26.4	28.2	42.2#
86	45.5	50.6	76.0#

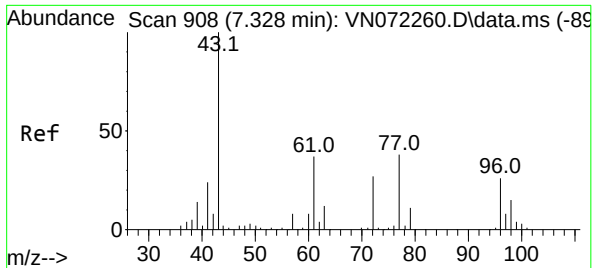


#22
Diisopropyl ether
Concen: 0.842 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 45 Resp: 7837

Ion	Ratio	Lower	Upper
45	100		
43	21.0	46.6	70.0#
87	0.0	24.3	36.5#
59	169.5	9.6	14.4#

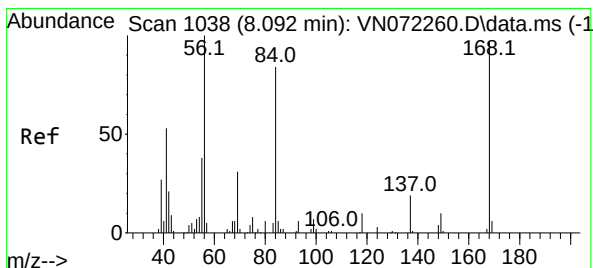
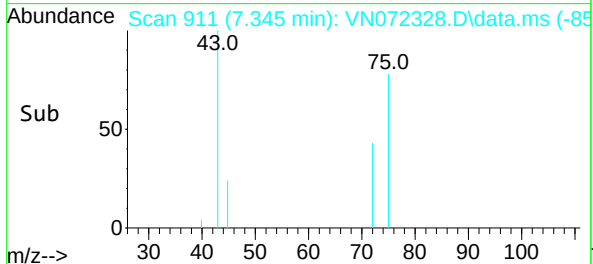
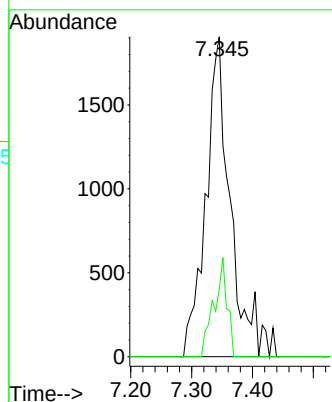
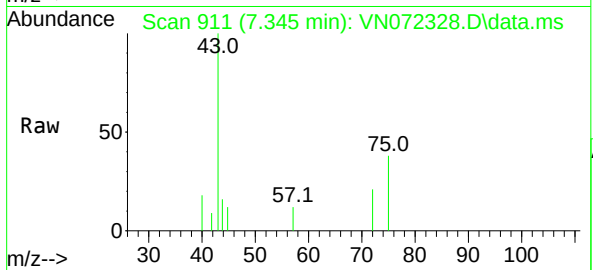




#25
2-Butanone
Concen: 2.234 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

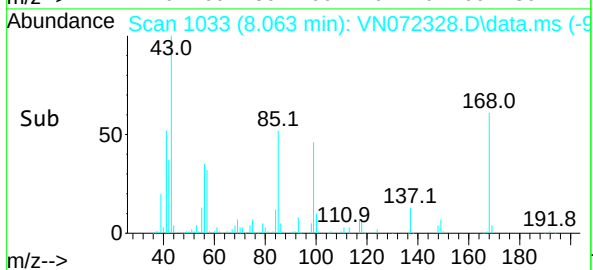
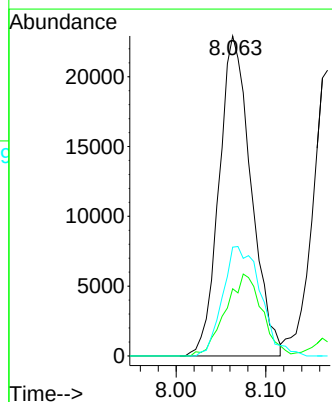
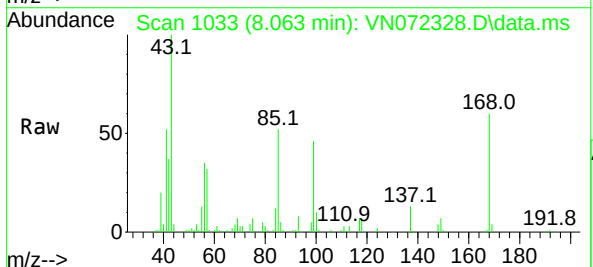
Instrument :
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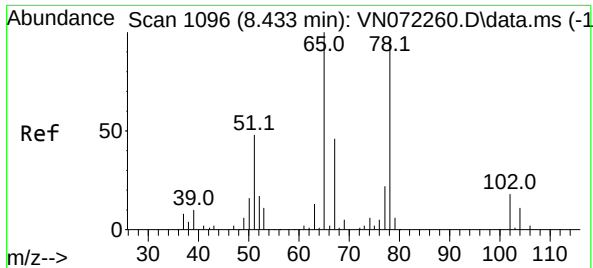
Tgt Ion: 43 Resp: 5364
Ion Ratio Lower Upper
43 100
72 21.1 23.7 35.5#



#31
Cyclohexane
Concen: 12.166 ug/l
RT: 8.063 min Scan# 1033
Delta R.T. -0.029 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 56 Resp: 56848
Ion Ratio Lower Upper
56 100
69 21.0 27.8 41.8#
84 34.0 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 50.874 ug/l

RT: 8.434 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

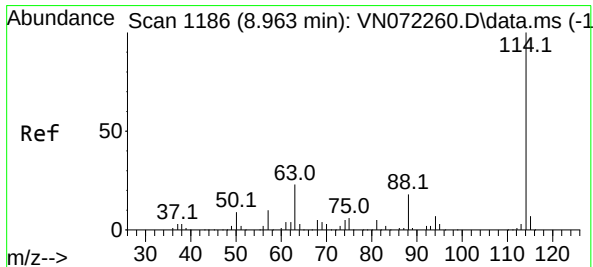
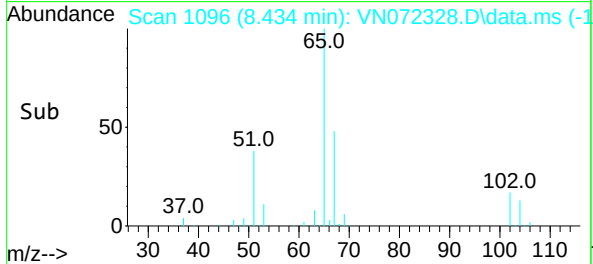
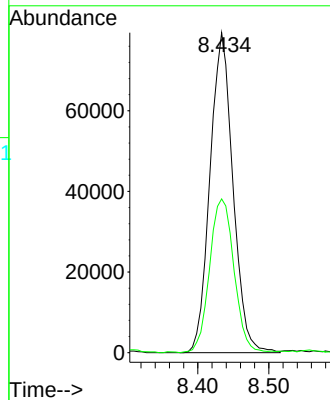
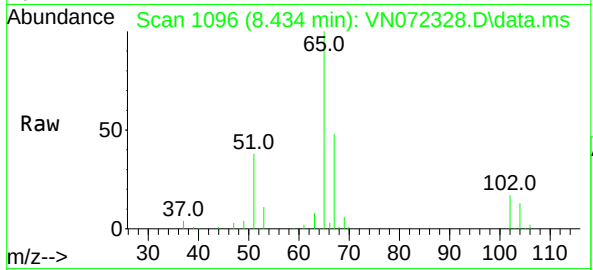
31487

Tgt Ion: 65 Resp: 177909

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

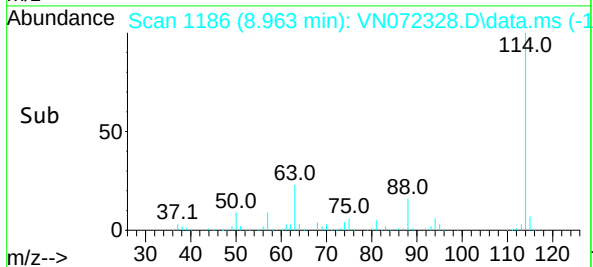
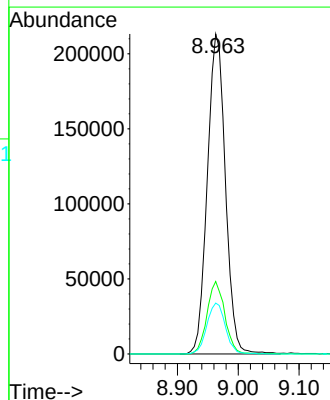
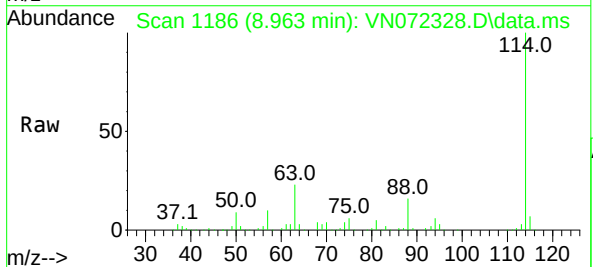
Tgt Ion: 114 Resp: 439927

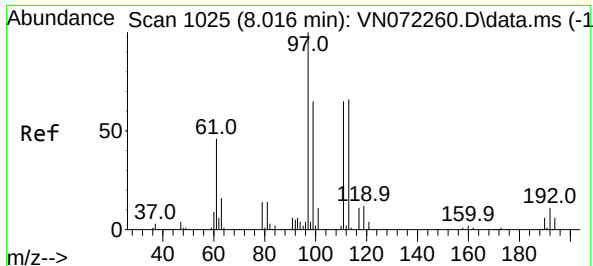
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 15.9 0.0 32.6

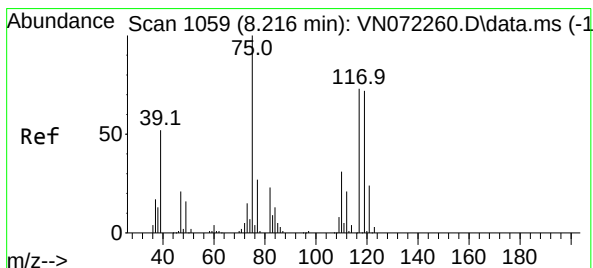
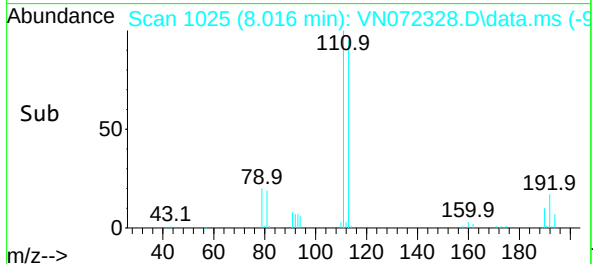
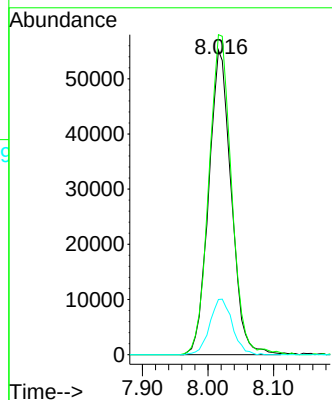
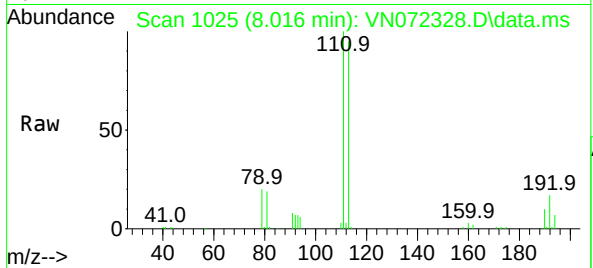




#35
Dibromofluoromethane
Concen: 46.742 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

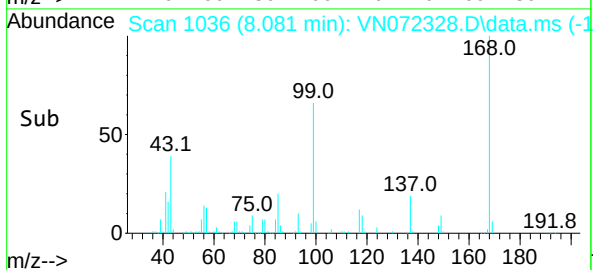
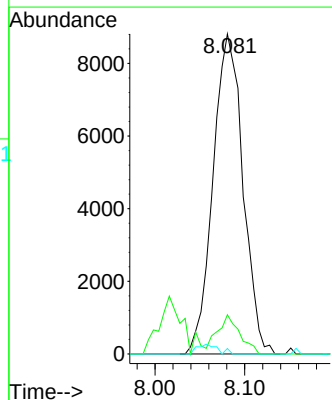
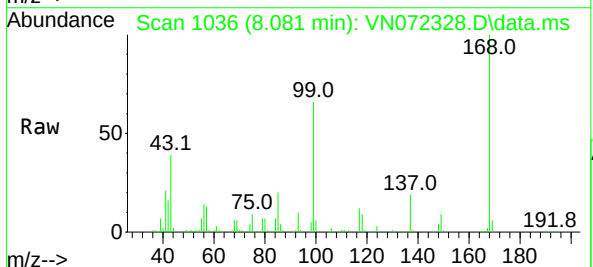
Instrument :
MSVOA_N
ClientSampleId :
31487

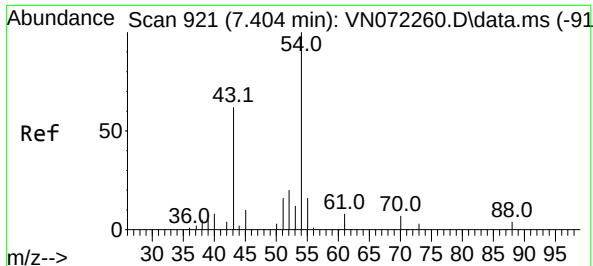
Tgt Ion:113 Resp: 131616
Ion Ratio Lower Upper
113 100
111 106.3 81.4 122.0
192 18.3 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.971 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 75 Resp: 20374
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 25.1 37.7#

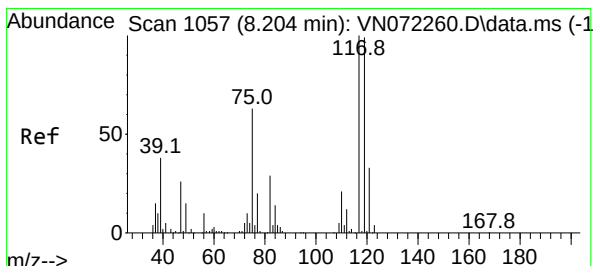
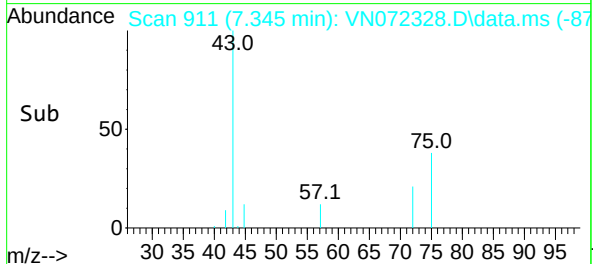
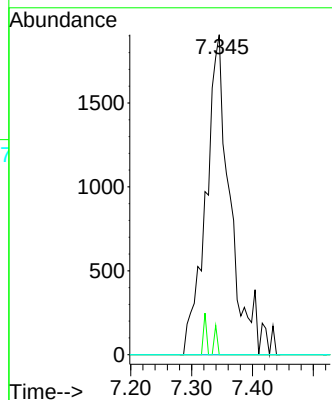
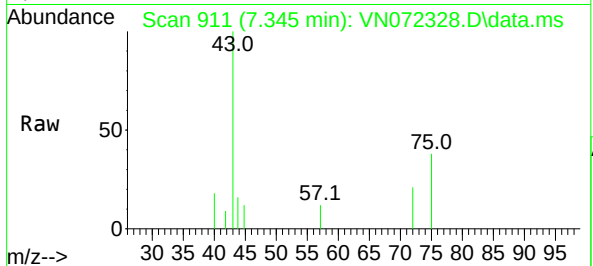




#37
Ethyl Acetate
Concen: 0.985 ug/l
RT: 7.345 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

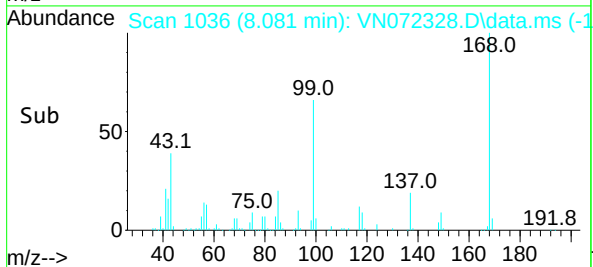
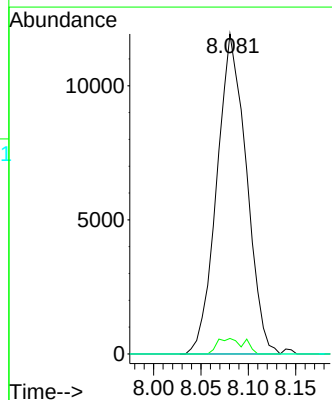
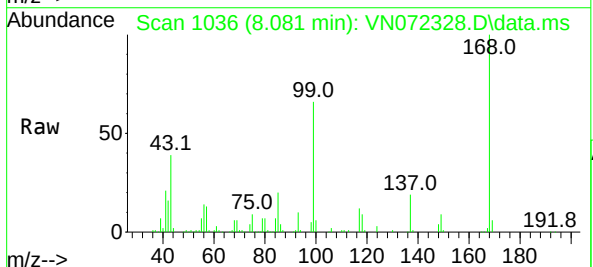
Instrument :
MSVOA_N
ClientSampleId :
31487

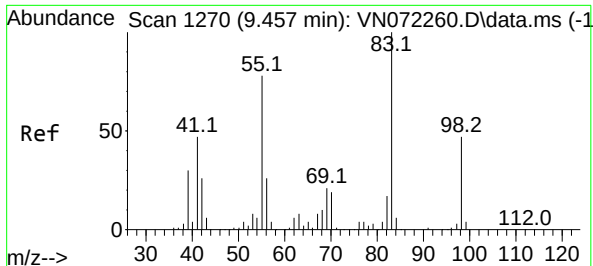
Tgt Ion: 43 Resp: 5364
Ion Ratio Lower Upper
43 100
61 1.2 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.892 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 117 Resp: 25866
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 6.399 ug/l

RT: 9.457 min Scan# 1116

Delta R.T. 0.000 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

31487

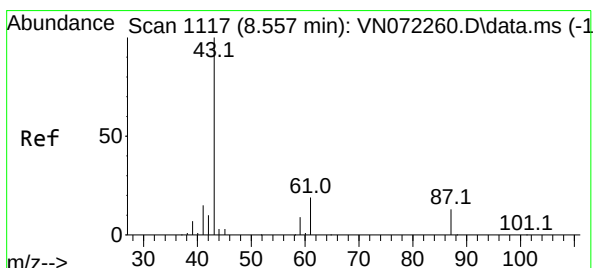
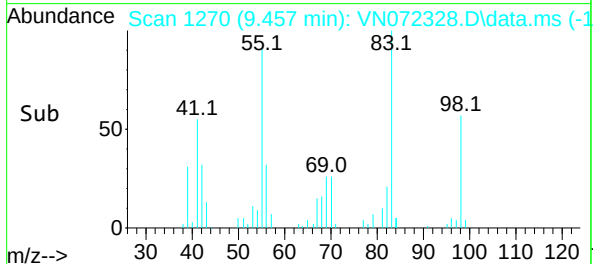
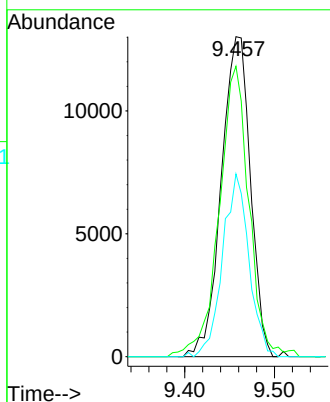
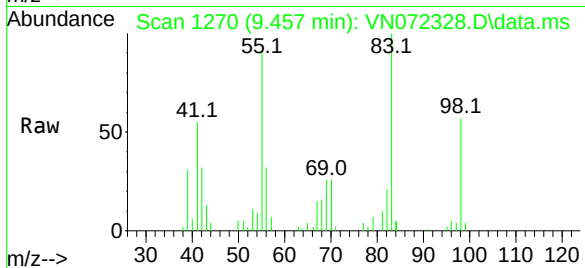
Tgt Ion: 83 Resp: 29331

Ion Ratio Lower Upper

83 100

55 89.3 57.8 86.8#

98 57.1 39.4 59.2



#43

Isopropyl Acetate

Concen: 3.754 ug/l

RT: 8.551 min Scan# 1116

Delta R.T. -0.006 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

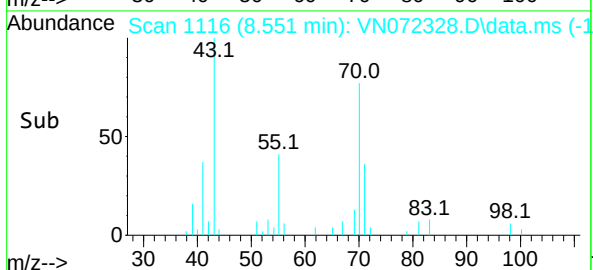
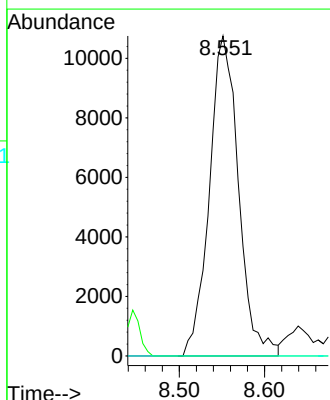
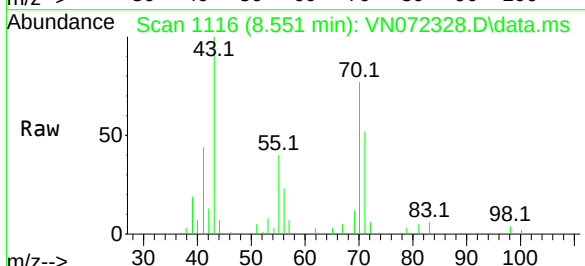
Tgt Ion: 43 Resp: 25646

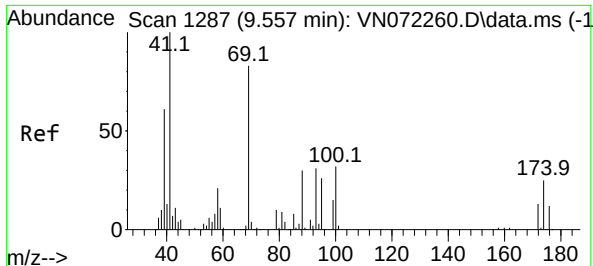
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

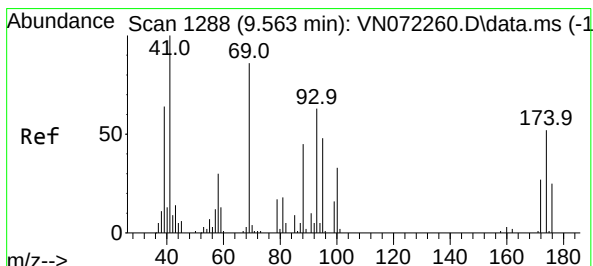
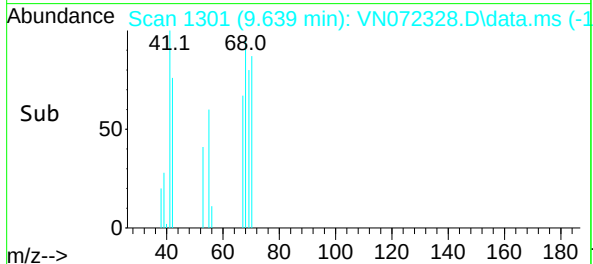
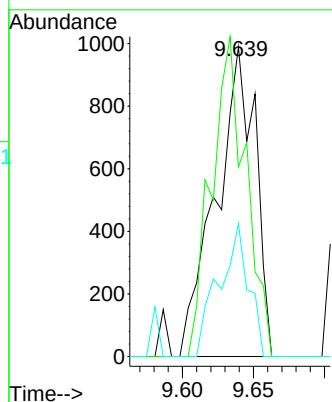
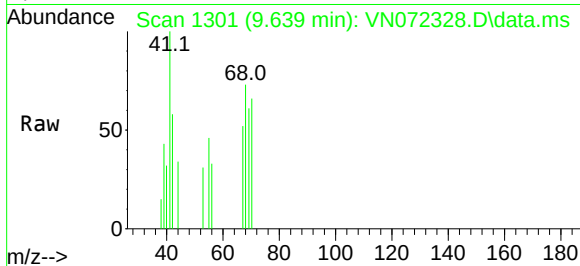




#48
Methyl methacrylate
Concen: 0.528 ug/l
RT: 9.639 min Scan# 11
Delta R.T. 0.082 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

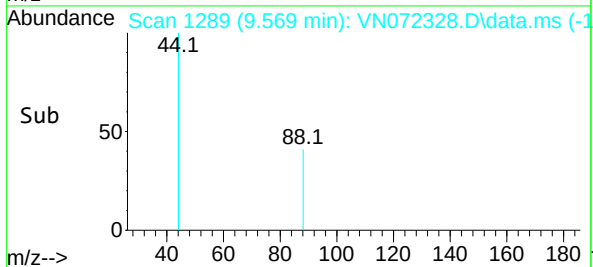
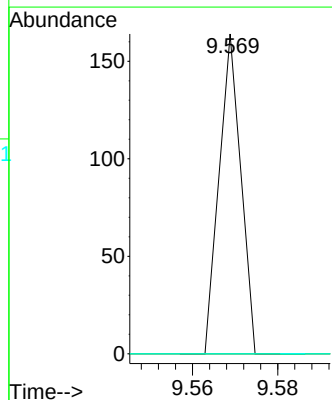
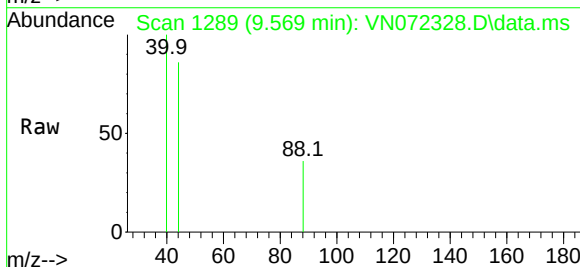
Instrument :
MSVOA_N
ClientSampleId :
31487

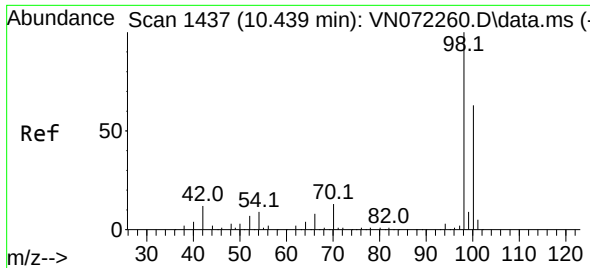
Tgt Ion: 41 Resp: 1897
Ion Ratio Lower Upper
41 100
69 91.0 74.7 112.1
39 32.6 45.6 68.4#



#49
1,4-Dioxane
Concen: 0.918 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 0.0 54.2 81.4#

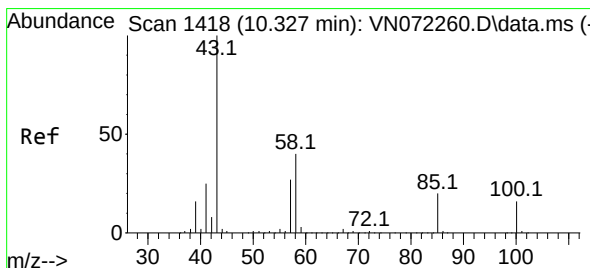
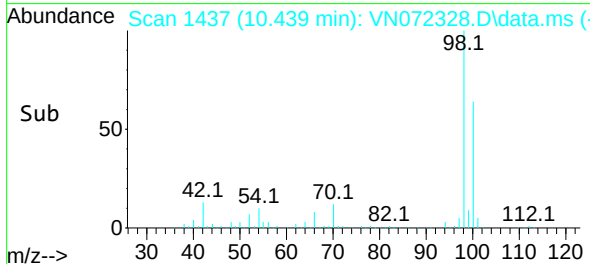
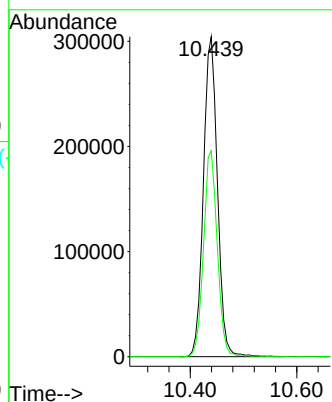
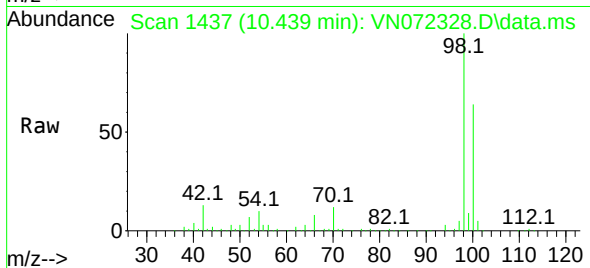




#50
Toluene-d8
Concen: 50.152 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

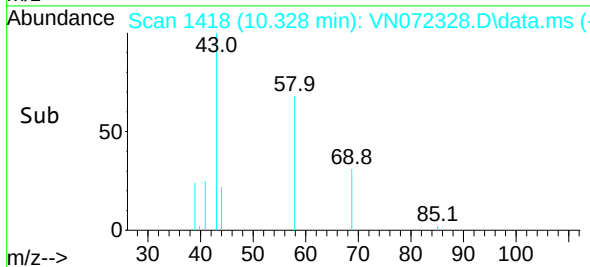
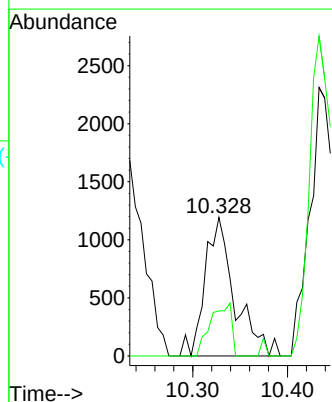
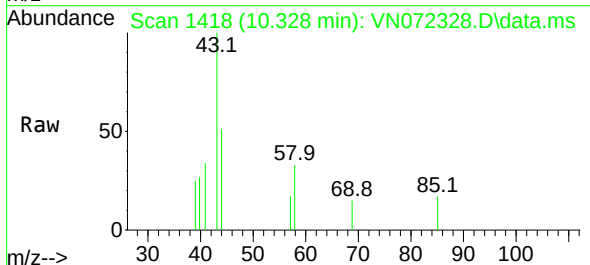
Instrument :
MSVOA_N
ClientSampleId :
31487

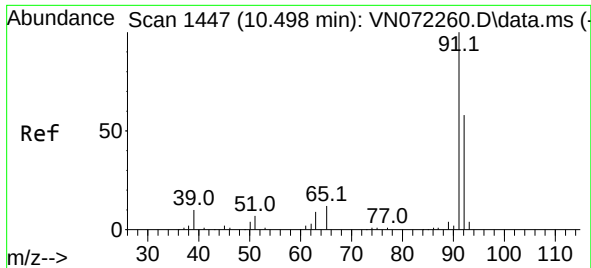
Tgt Ion: 98 Resp: 554899
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.509 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 43 Resp: 2612
Ion Ratio Lower Upper
43 100
58 26.7 34.1 51.1#

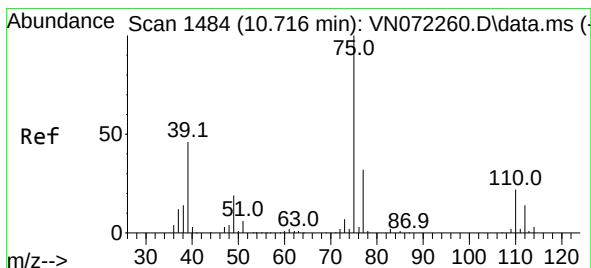
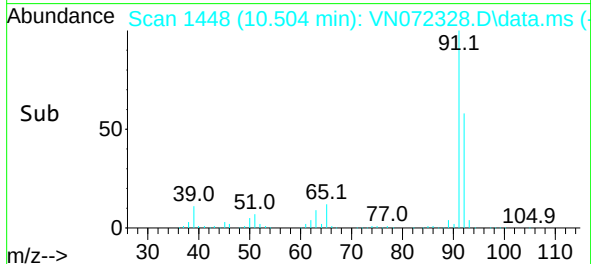
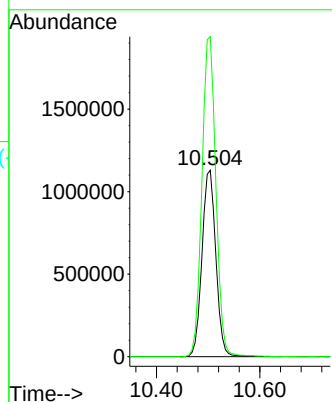
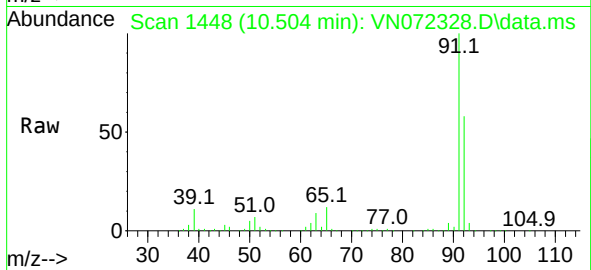




#52
Toluene
Concen: 276.449 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

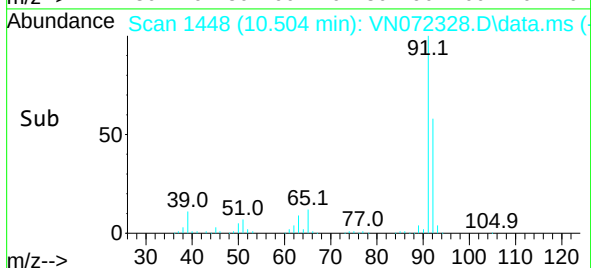
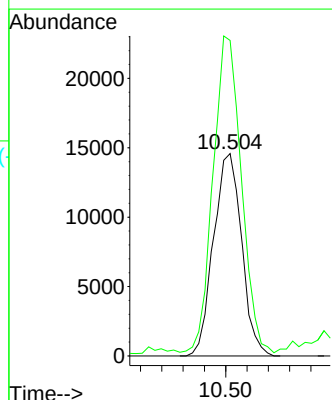
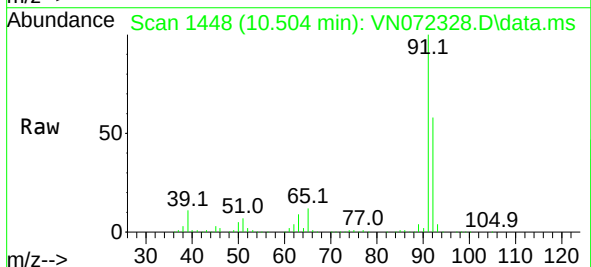
Instrument :
MSVOA_N
ClientSampleId :
31487

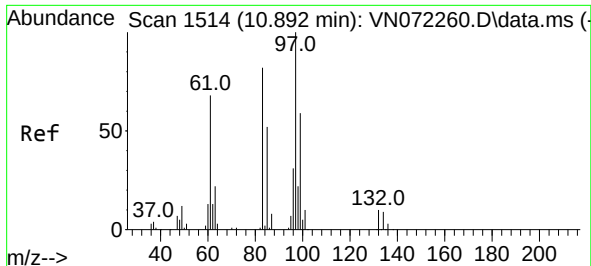
Tgt Ion: 92 Resp: 2101019
Ion Ratio Lower Upper
92 100
91 172.8 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 5.881 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.212 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 75 Resp: 26695
Ion Ratio Lower Upper
75 100
77 154.0 25.6 38.4#

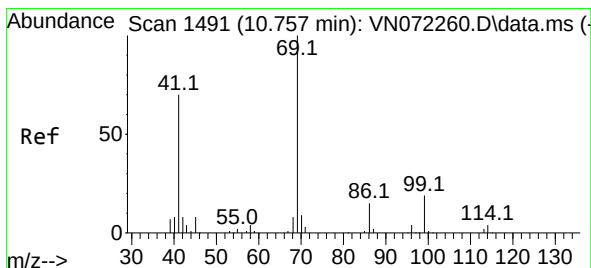
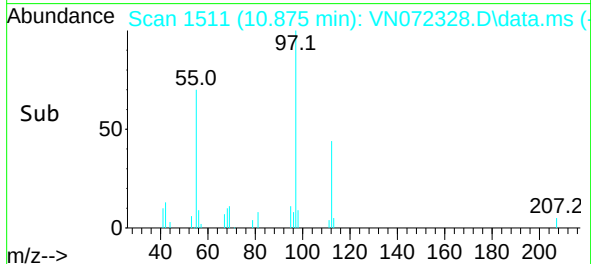
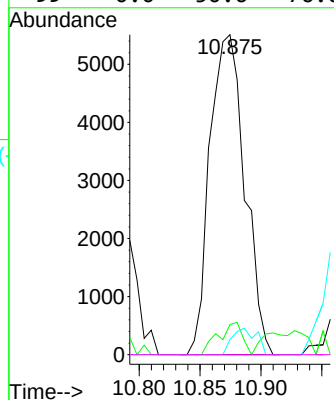
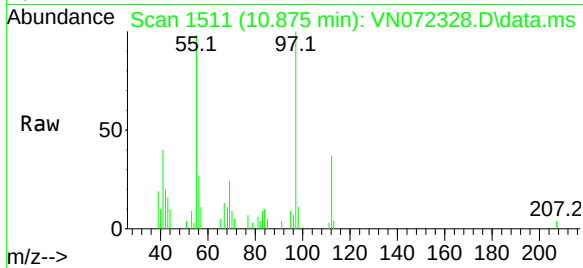




#55
 1,1,2-Trichloroethane
 Concen: 3.453 ug/l
 RT: 10.875 min Scan# 11003
 Delta R.T. -0.017 min
 Lab File: VN072328.D
 Acq: 04 May 2022 15:14

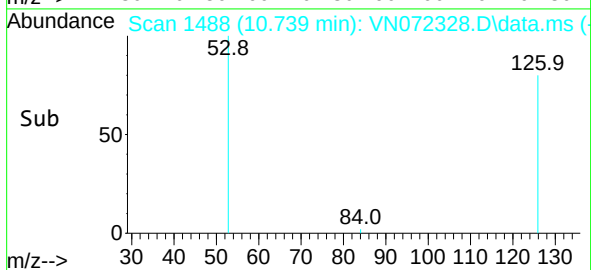
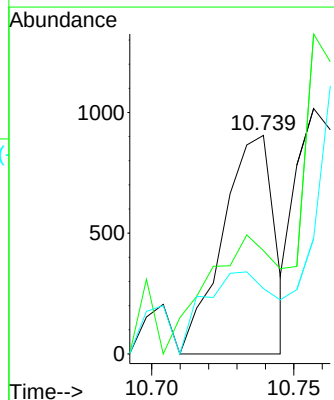
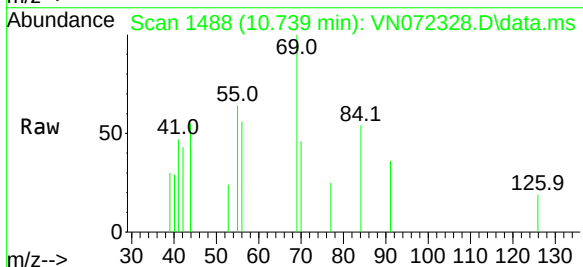
Instrument :
 MSVOA_N
 ClientSampleId :
 31487

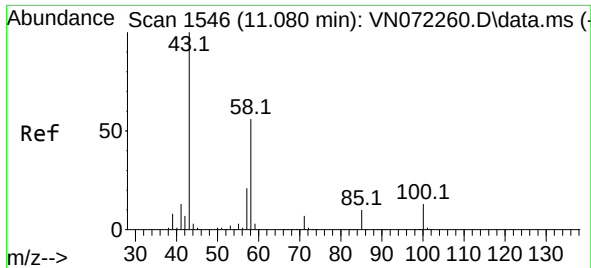
Tgt Ion: 97	Resp: 11003
Ion Ratio	Lower Upper
97 100	
83 9.4	66.2 99.4#
85 4.7	43.9 65.9#
99 0.0	50.6 76.0#



#56
 Ethyl methacrylate
 Concen: 2.560 ug/l
 RT: 10.739 min Scan# 1488
 Delta R.T. -0.018 min
 Lab File: VN072328.D
 Acq: 04 May 2022 15:14

Tgt Ion: 69	Resp: 1143
Ion Ratio	Lower Upper
69 100	
41 0.0	47.8 71.6#
39 0.0	27.3 40.9#

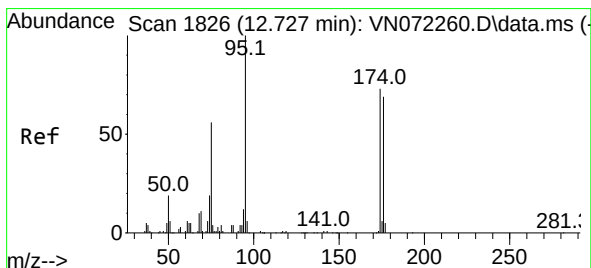
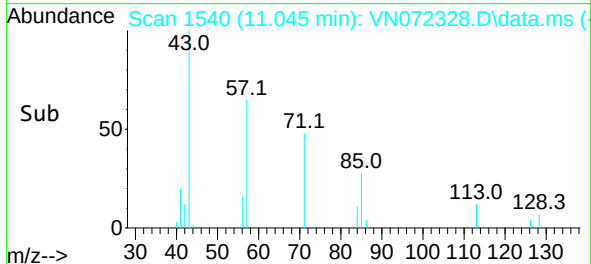
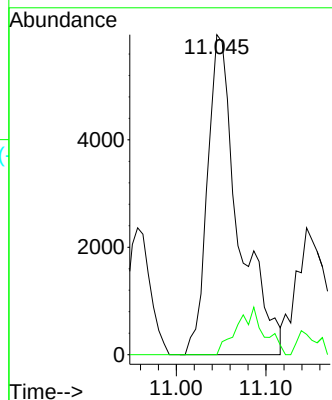
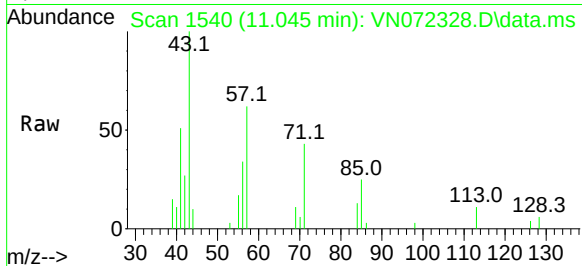




#59
2-Hexanone
Concen: 3.975 ug/l
RT: 11.045 min Scan# 11
Delta R.T. -0.036 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

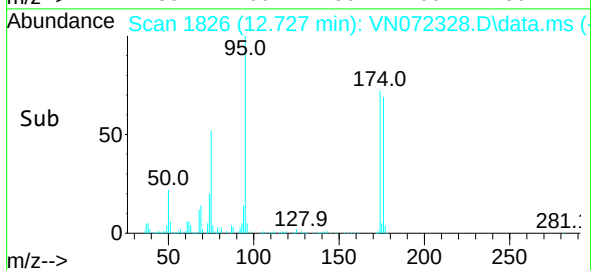
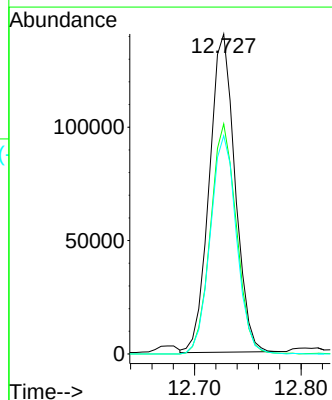
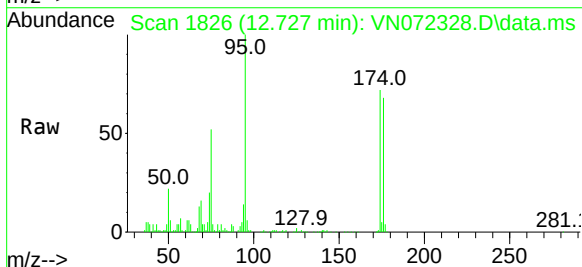
Instrument :
MSVOA_N
ClientSampleId :
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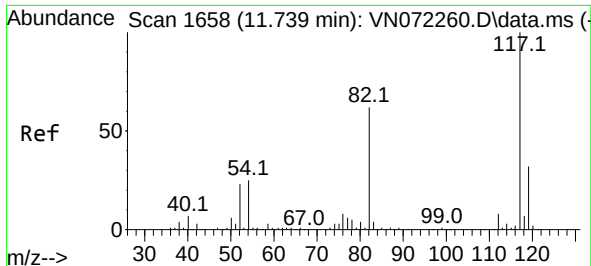
Tgt Ion: 43 Resp: 14383
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 64.067 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 95 Resp: 235282
Ion Ratio Lower Upper
95 100
174 72.8 0.0 167.6
176 69.6 0.0 163.4

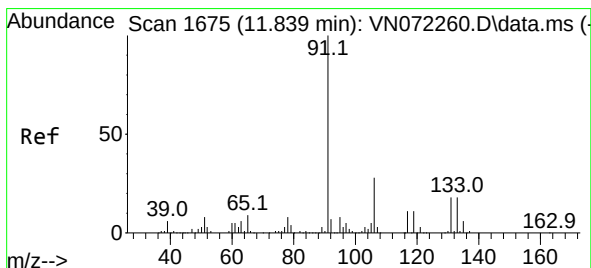
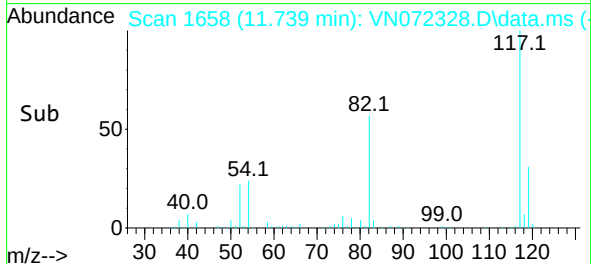
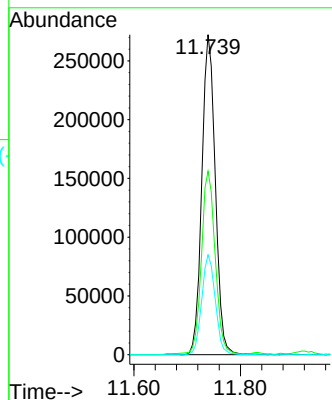
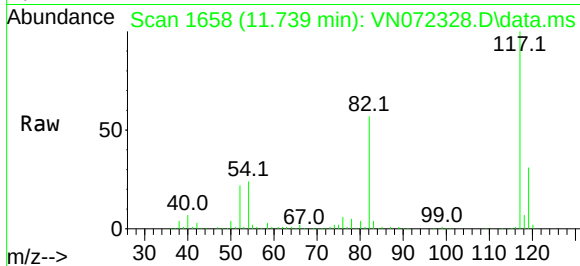




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

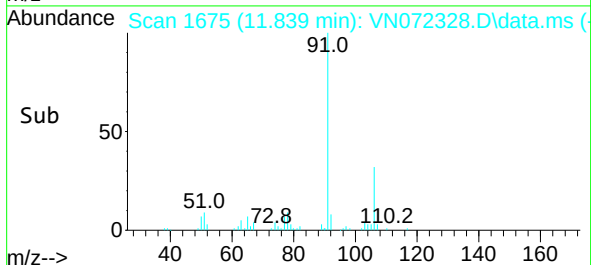
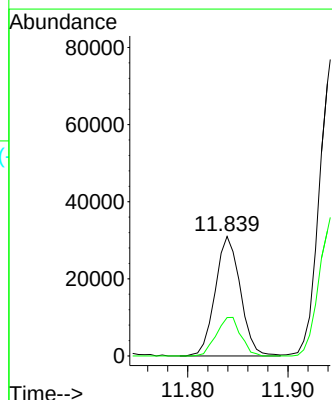
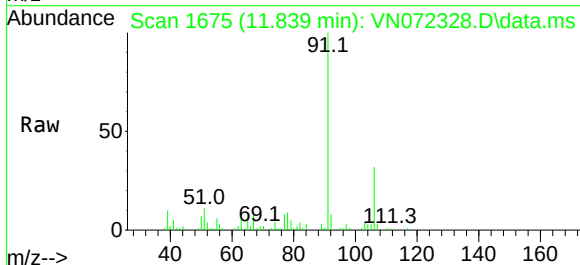
Instrument :
MSVOA_N
ClientSampleId :
31487

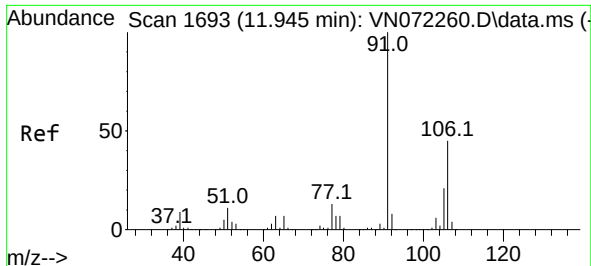
Tgt Ion:117 Resp: 476723
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 31.2 25.4 38.0



#67
Ethyl Benzene
Concen: 3.207 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 91 Resp: 53871
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

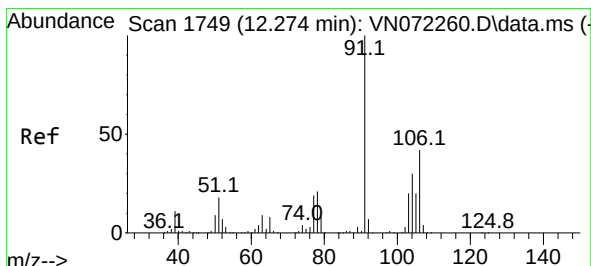
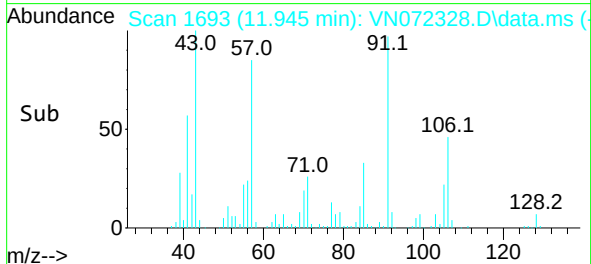
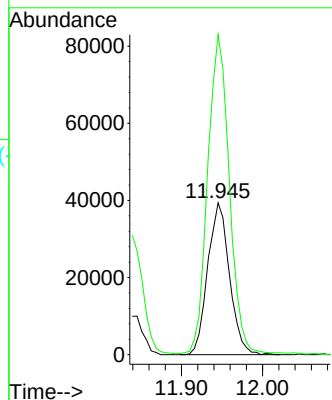
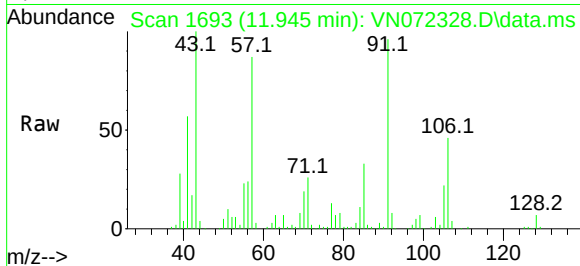




#68
m/p-Xylenes
Concen: 11.734 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

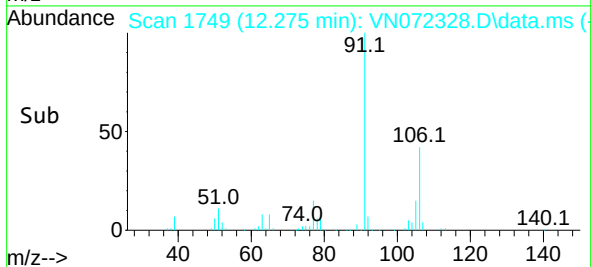
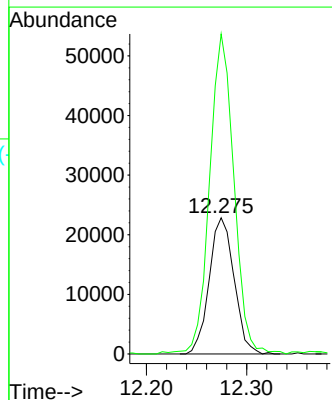
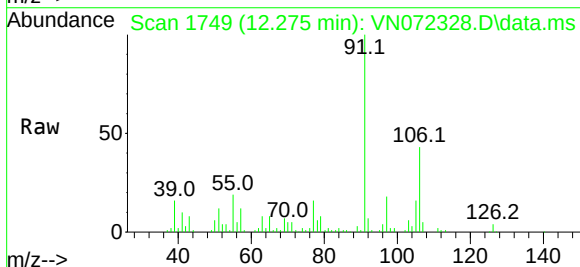
Instrument :
MSVOA_N
ClientSampleId :
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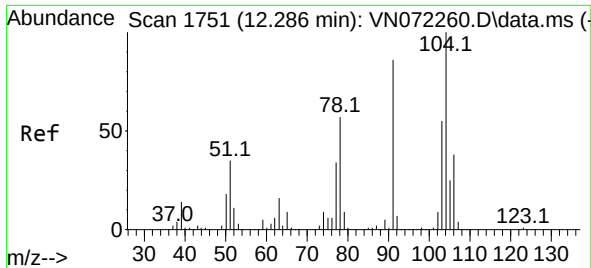
Tgt Ion:106 Resp: 73197
Ion Ratio Lower Upper
106 100
91 210.5 158.9 238.3



#69
o-Xylene
Concen: 6.509 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion:106 Resp: 39362
Ion Ratio Lower Upper
106 100
91 229.9 106.0 318.0

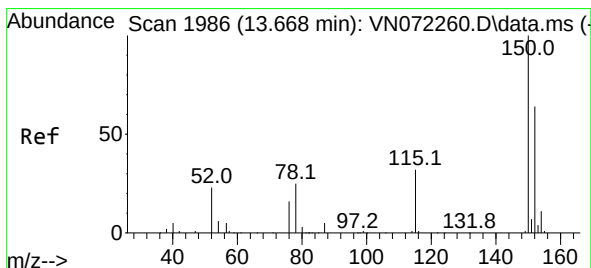
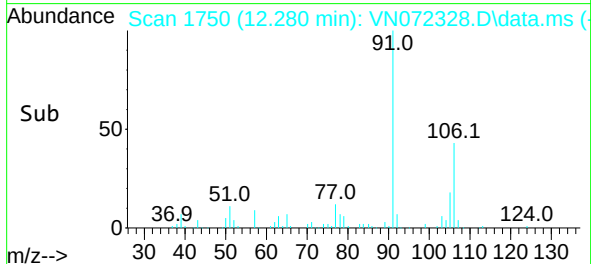
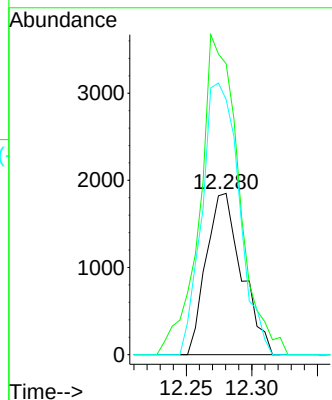
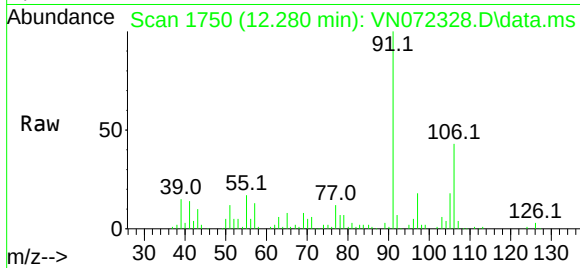




#70
Styrene
Concen: 0.366 ug/l
RT: 12.280 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

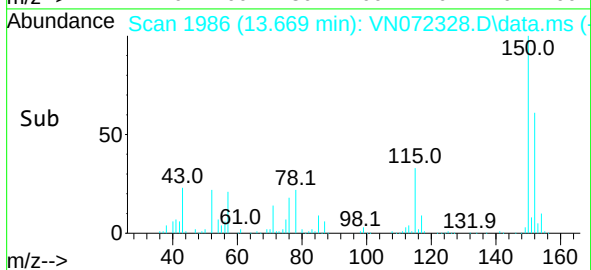
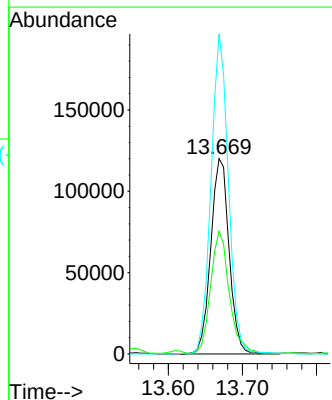
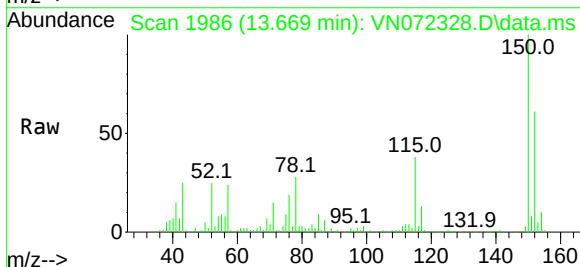
Instrument :
MSVOA_N
ClientSampleId :
31487

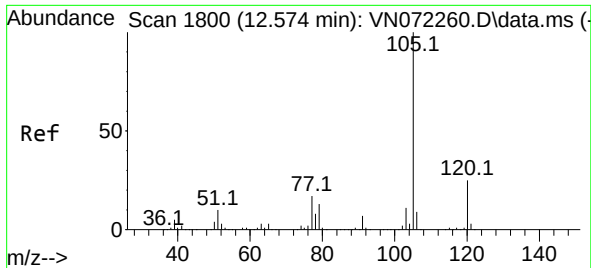
Tgt Ion:104 Resp: 3491
Ion Ratio Lower Upper
104 100
78 217.6 39.5 59.3#
103 176.7 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion:152 Resp: 206681
Ion Ratio Lower Upper
152 100
115 64.2 28.9 86.7
150 155.0 0.0 356.2

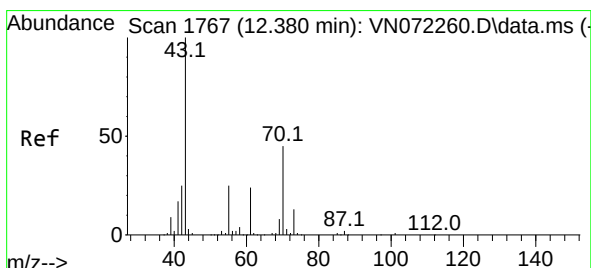
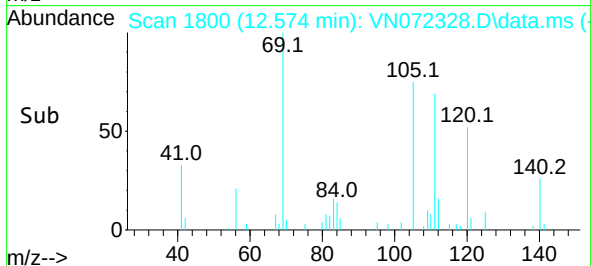
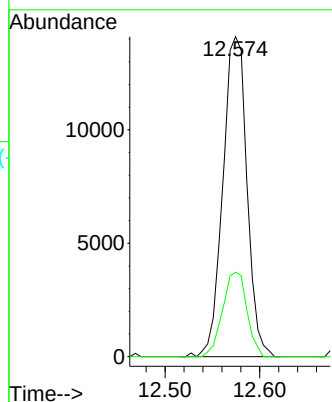
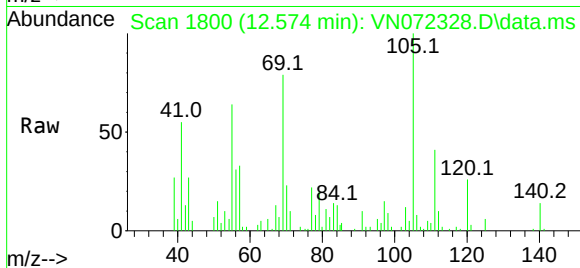




#73
Isopropylbenzene
Concen: 1.368 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

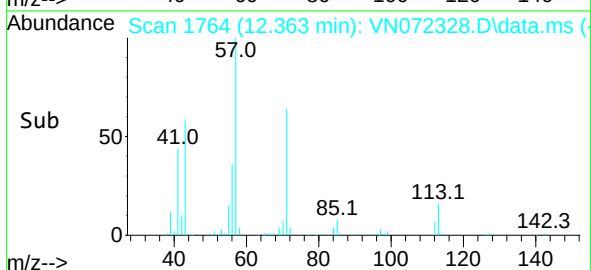
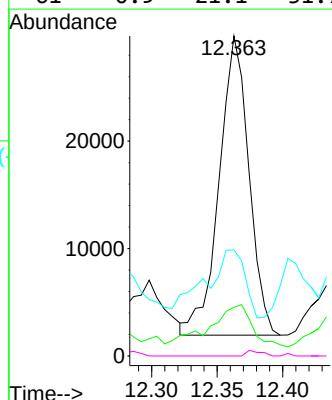
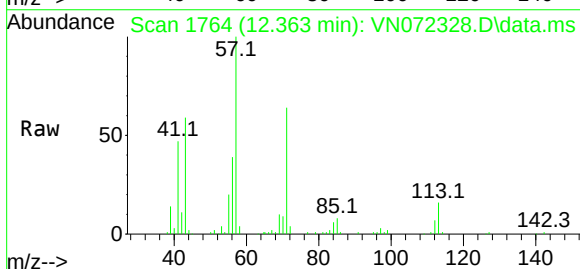
Instrument :
MSVOA_N
ClientSampleId :
31487

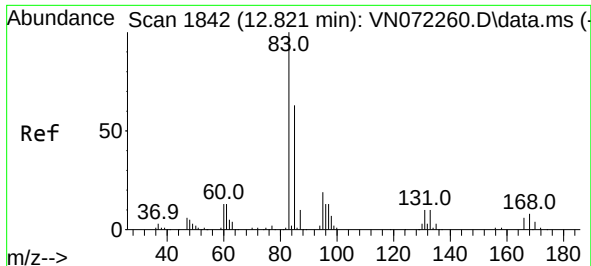
Tgt Ion:105 Resp: 24965
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4



#74
N-ethyl acetate
Concen: 6.429 ug/l
RT: 12.363 min Scan# 1764
Delta R.T. -0.017 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 43 Resp: 43965
Ion Ratio Lower Upper
43 100
70 20.1 39.0 58.4#
55 30.3 21.1 31.7
61 0.9 21.1 31.7#

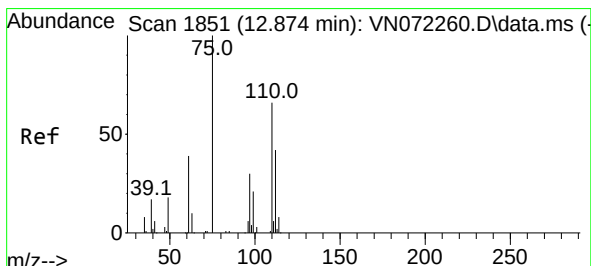
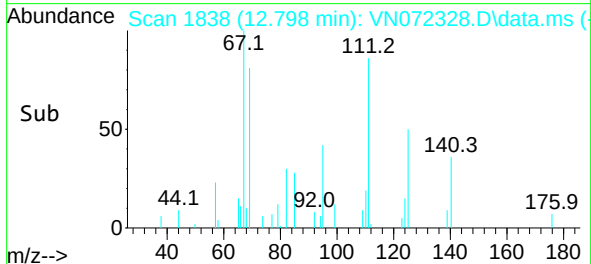
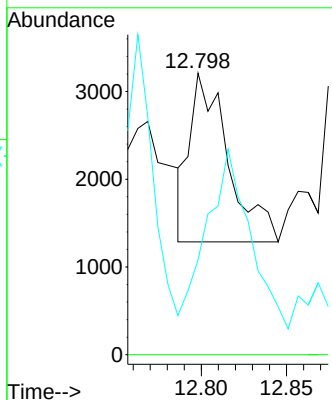
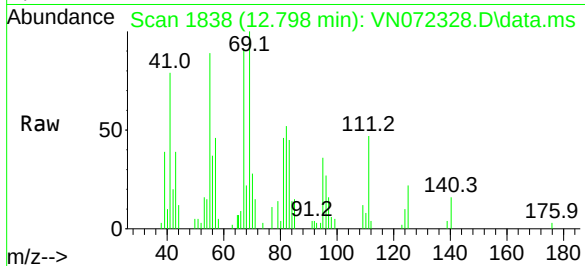




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.798 min Scan# 1838
Delta R.T. -0.024 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

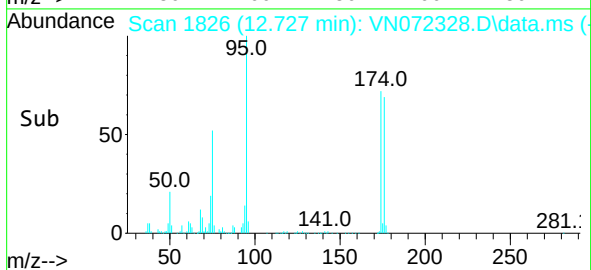
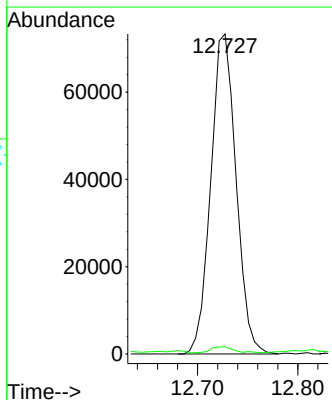
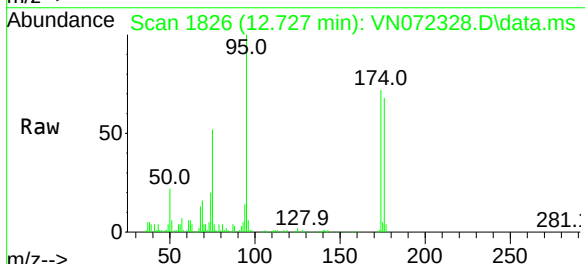
Instrument :
MSVOA_N
ClientSampleId :
31487

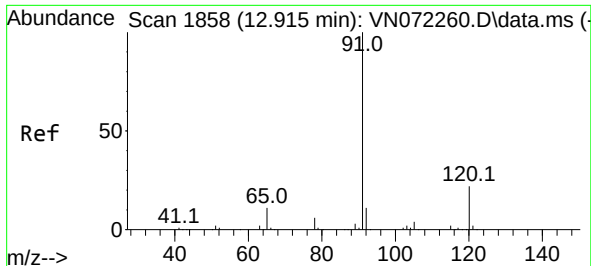
Tgt Ion: 83 Resp: 3004
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 27.696 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 75 Resp: 128607
Ion Ratio Lower Upper
75 100
77 1.7 98.5 295.5#

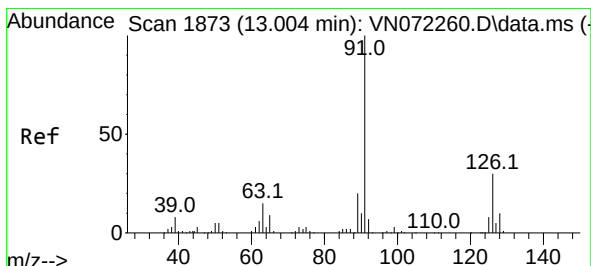
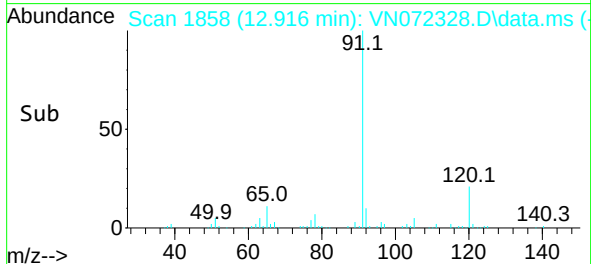
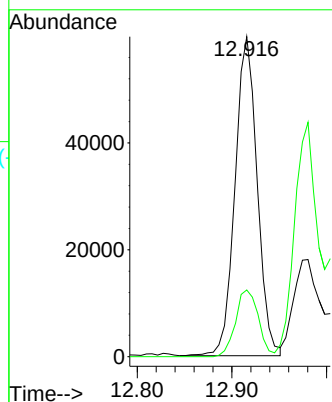
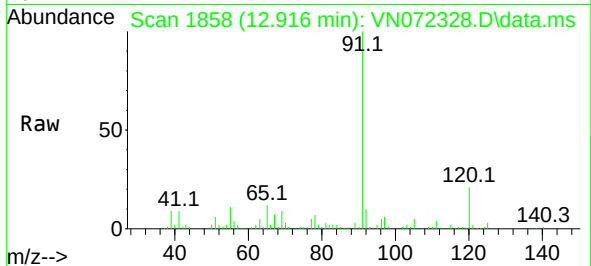




#78
n-propylbenzene
Concen: 4.823 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

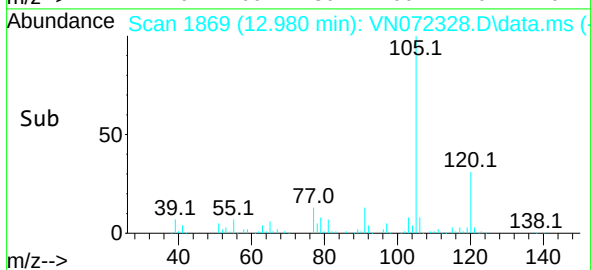
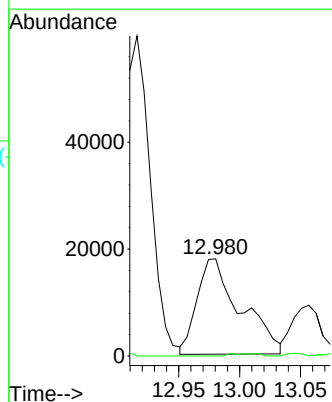
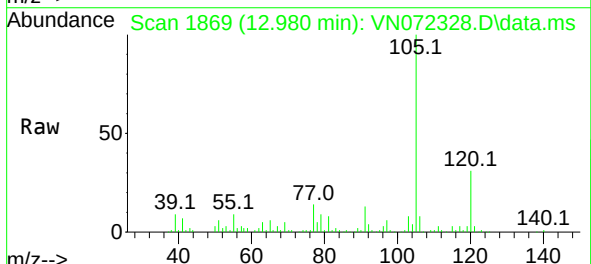
Instrument :
MSVOA_N
ClientSampleId :
31487

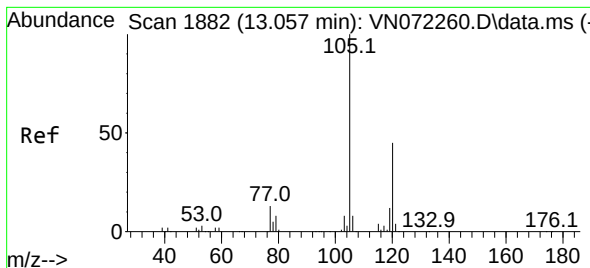
Tgt Ion: 91 Resp: 96995
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5



#79
2-Chlorotoluene
Concen: 3.340 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. -0.024 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 91 Resp: 44112
Ion Ratio Lower Upper
91 100
126 1.5 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 7.711 ug/l

RT: 13.051 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

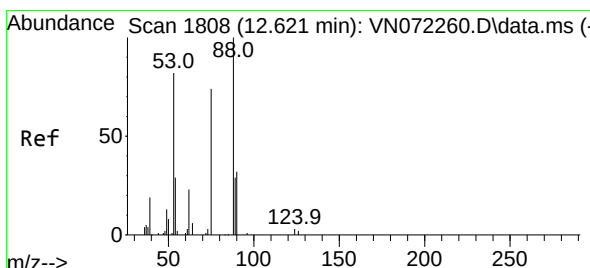
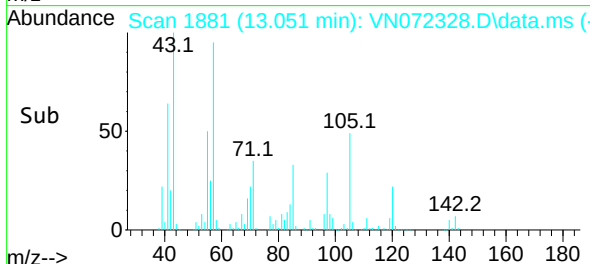
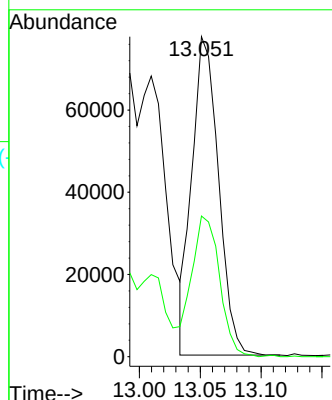
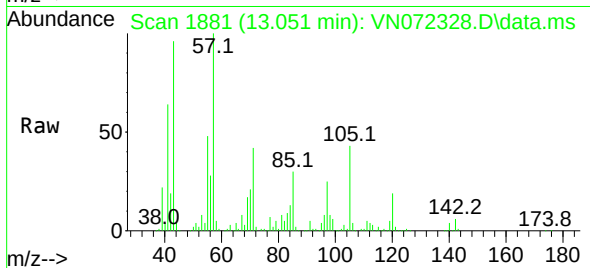
31487

Tgt Ion:105 Resp: 117220

Ion Ratio Lower Upper

105 100

120 48.4 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 71.948 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.105 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

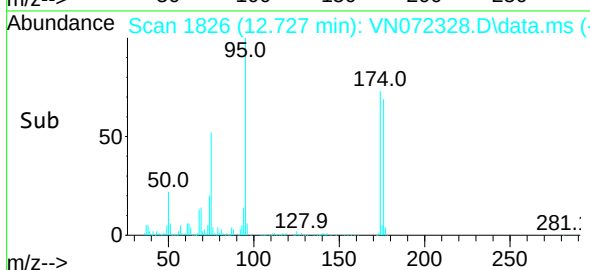
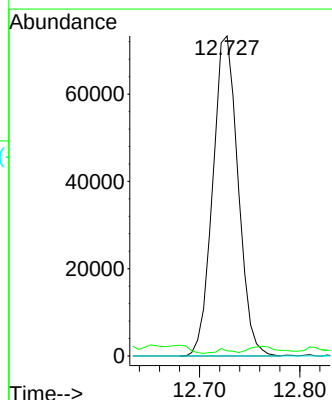
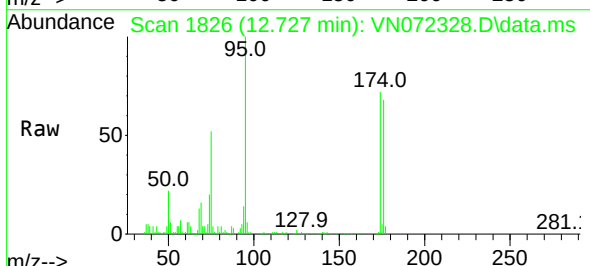
Tgt Ion: 75 Resp: 128607

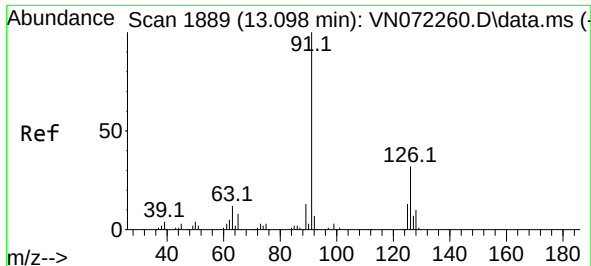
Ion Ratio Lower Upper

75 100

53 0.8 78.0 117.0#

89 0.0 37.2 55.8#

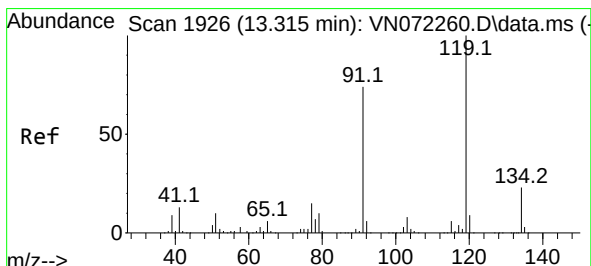
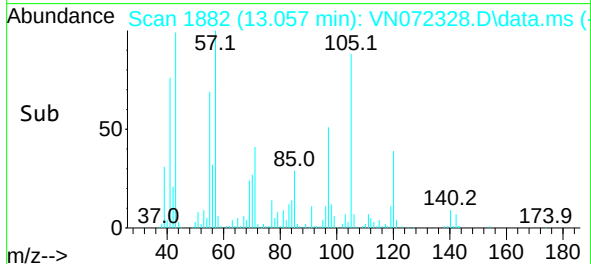
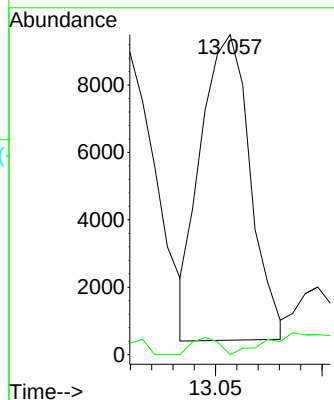
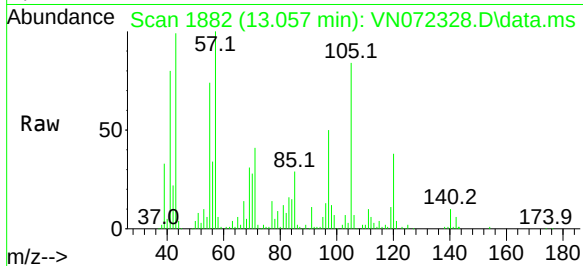




#82
4-Chlorotoluene
Concen: 1.190 ug/l
RT: 13.057 min Scan# 1889
Delta R.T. -0.041 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

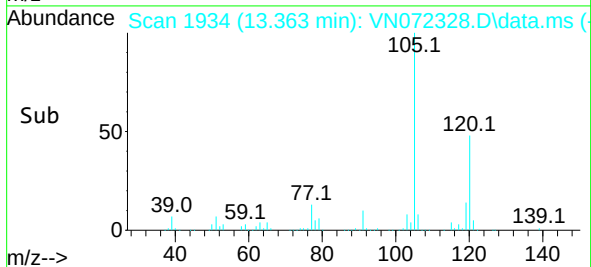
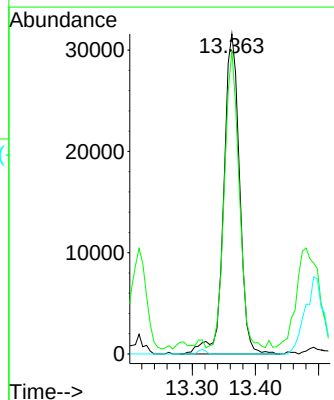
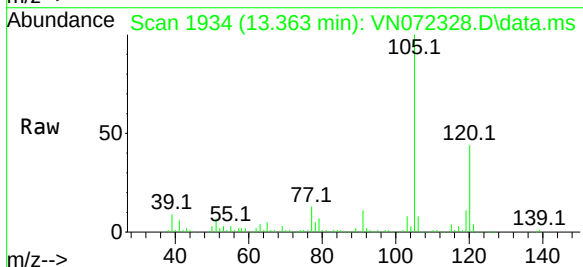
Instrument :
MSVOA_N
ClientSampleId :
31487

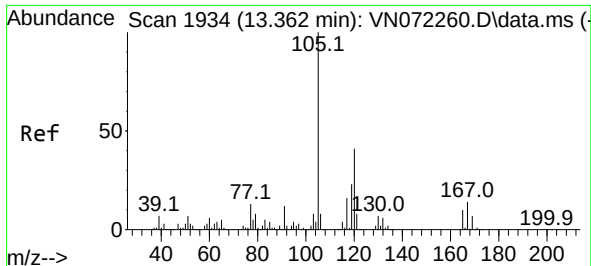
Tgt Ion: 91 Resp: 14636
Ion Ratio Lower Upper
91 100
126 3.1 17.2 51.6#



#83
tert-Butylbenzene
Concen: 4.106 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion: 119 Resp: 54800
Ion Ratio Lower Upper
119 100
91 85.9 31.6 94.8
134 0.0 13.7 41.1#

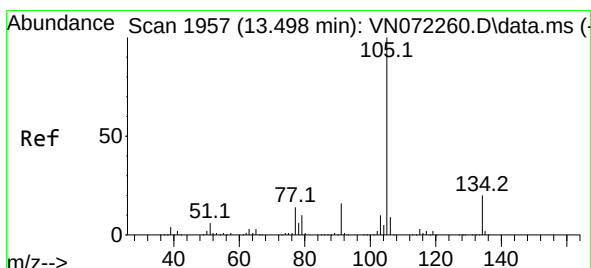
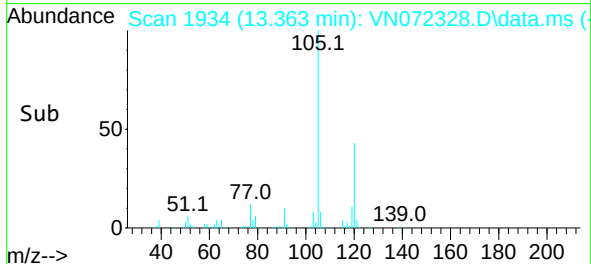
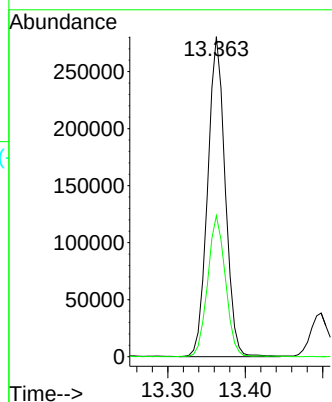
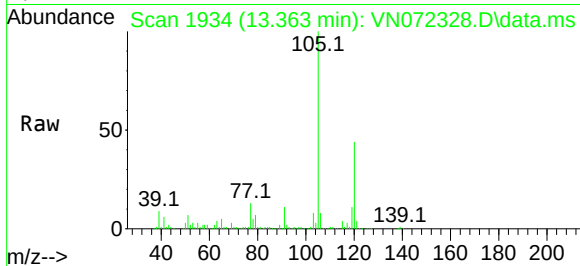




#84
1,2,4-Trimethylbenzene
Concen: 29.963 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

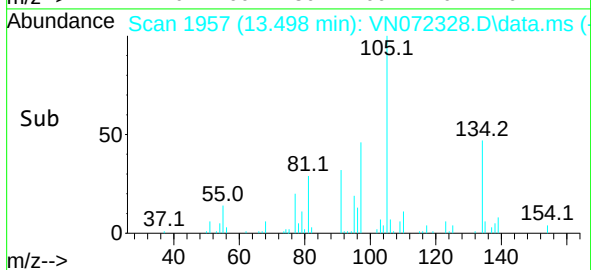
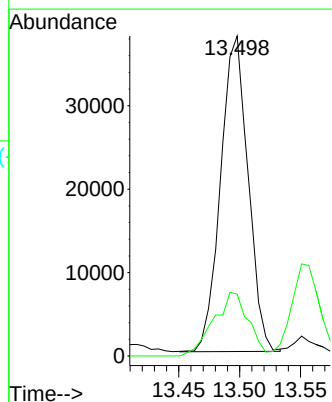
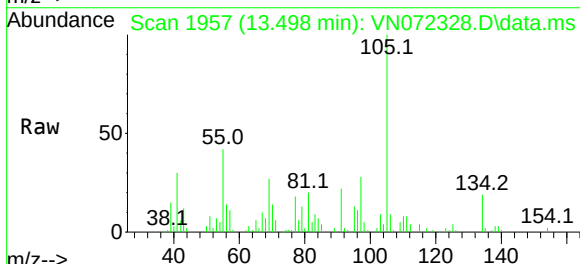
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MSVOA_N
ClientSampleId :
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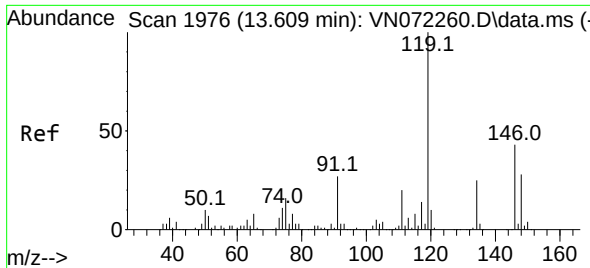
Tgt Ion:105 Resp: 440713
Ion Ratio Lower Upper
105 100
120 44.7 23.3 69.8



#85
sec-Butylbenzene
Concen: 3.411 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

Tgt Ion:105 Resp: 59364
Ion Ratio Lower Upper
105 100
134 25.3 10.4 31.1

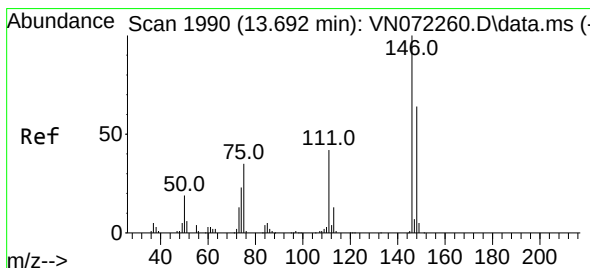
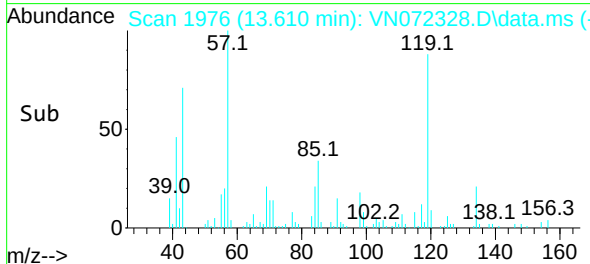
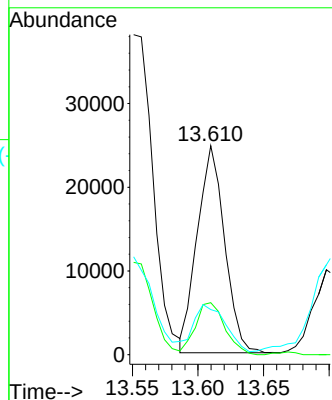
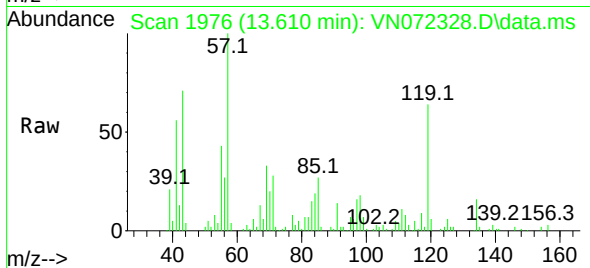




#86
 p-Isopropyltoluene
 Concen: 2.649 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072328.D
 Acq: 04 May 2022 15:14

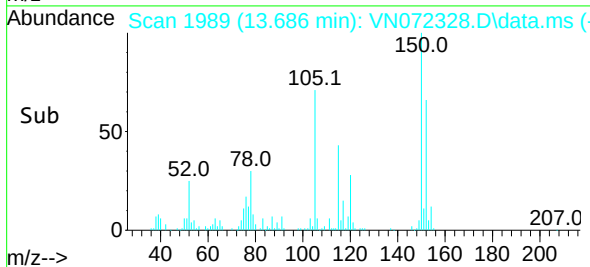
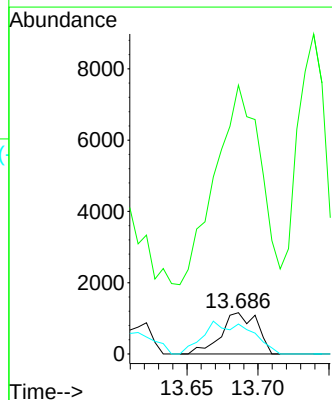
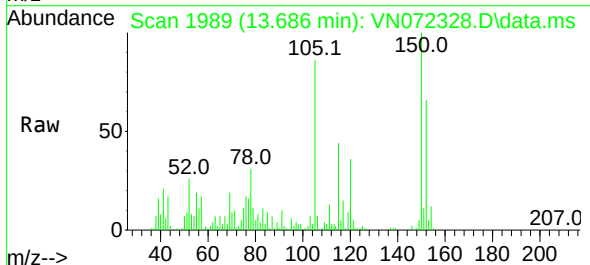
Instrument :
 MSVOA_N
 ClientSampleId :
 31487

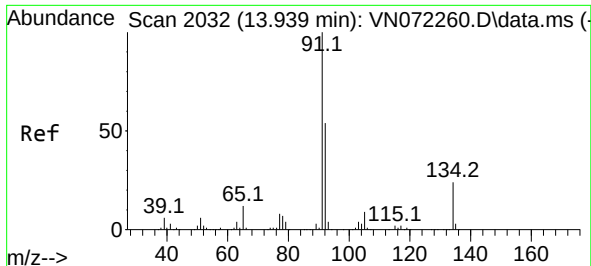
Tgt Ion:119 Resp: 35941
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 27.1 11.3 33.9



#88
 1,4-Dichlorobenzene
 Concen: 0.300 ug/l
 RT: 13.686 min Scan# 1989
 Delta R.T. -0.006 min
 Lab File: VN072328.D
 Acq: 04 May 2022 15:14

Tgt Ion:146 Resp: 2040
 Ion Ratio Lower Upper
 146 100
 111 600.9 19.1 57.1#
 148 59.0 31.4 94.3

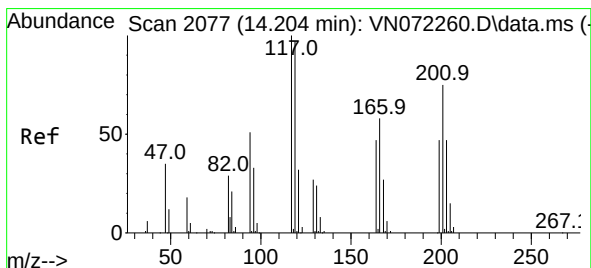
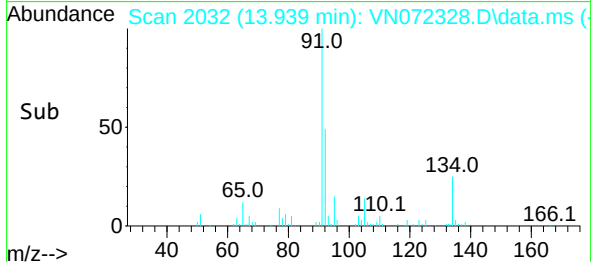
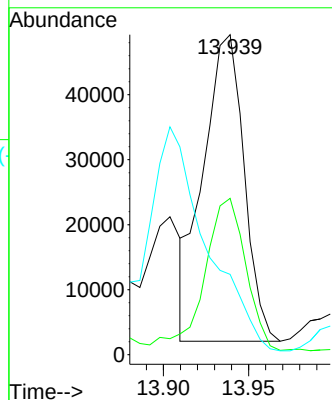
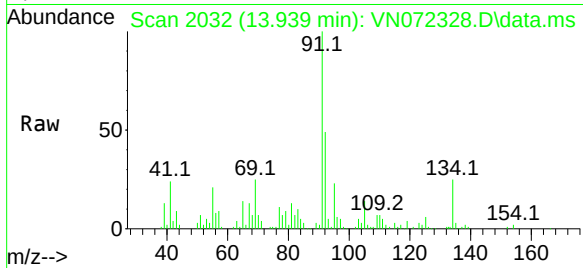




#89
 n-Butylbenzene
 Concen: 7.561 ug/l
 RT: 13.939 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VN072328.D
 Acq: 04 May 2022 15:14

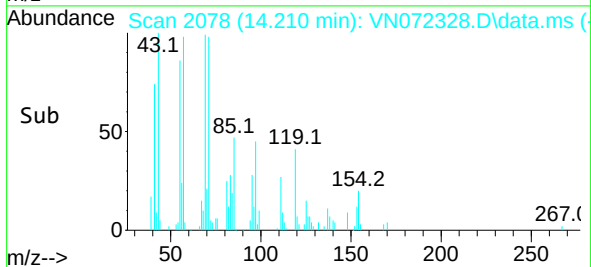
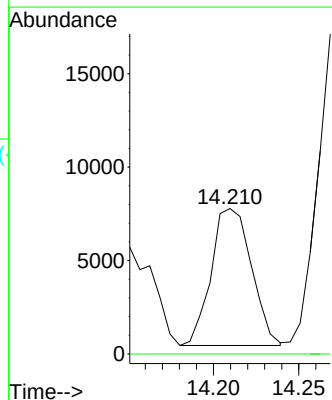
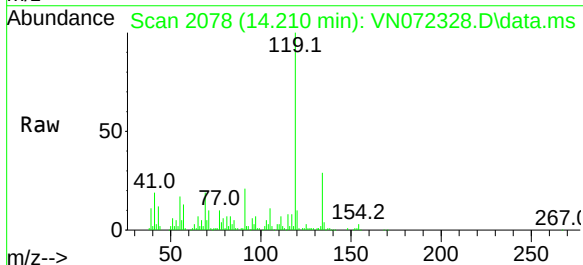
Instrument :
 MSVOA_N
 ClientSampleId :
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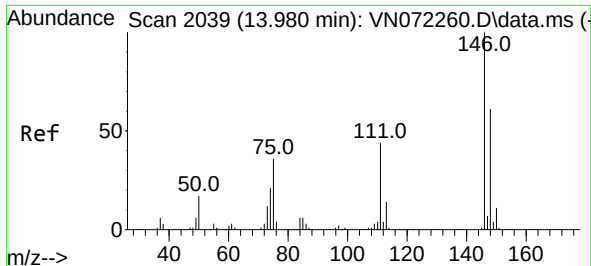
Tgt Ion: 91 Resp: 78574
 Ion Ratio Lower Upper
 91 100
 92 51.6 26.9 80.7
 134 0.0 13.6 40.8#



#90
 Hexachloroethane
 Concen: 4.089 ug/l
 RT: 14.210 min Scan# 2078
 Delta R.T. 0.006 min
 Lab File: VN072328.D
 Acq: 04 May 2022 15:14

Tgt Ion: 117 Resp: 12042
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.6 122.0#





#91

1,2-Dichlorobenzene

Concen: 0.230 ug/l

RT: 13.974 min Scan# 2038

Delta R.T. -0.012 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

31487

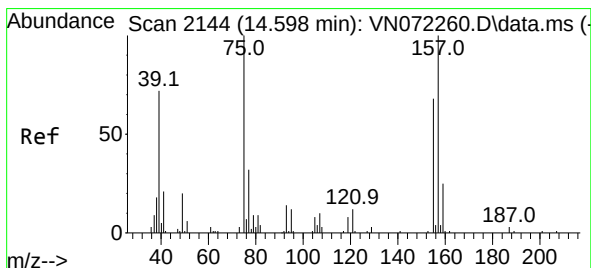
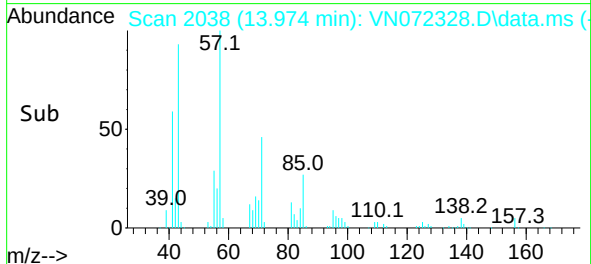
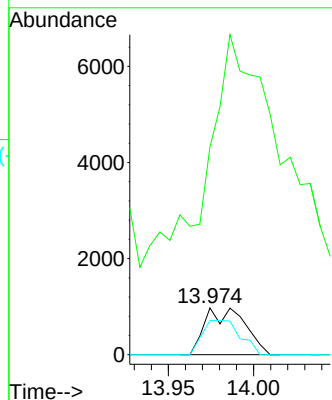
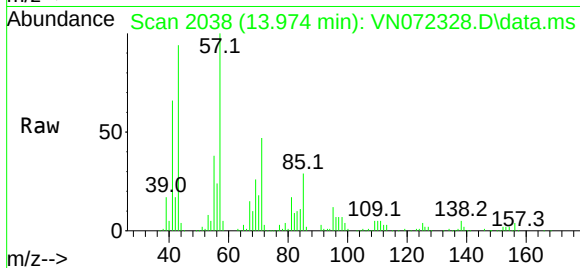
Tgt Ion:146 Resp: 1581

Ion Ratio Lower Upper

146 100

111 945.9 20.9 62.8#

148 69.3 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.627 ug/l

RT: 14.574 min Scan# 2140

Delta R.T. -0.024 min

Lab File: VN072328.D

Acq: 04 May 2022 15:14

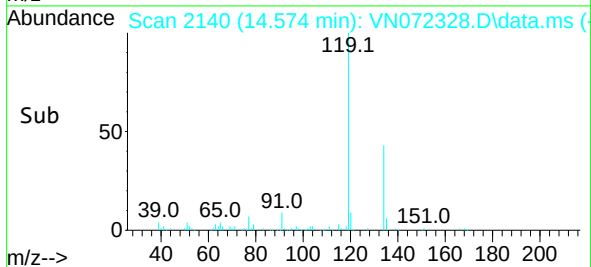
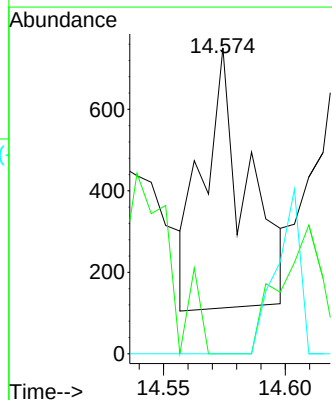
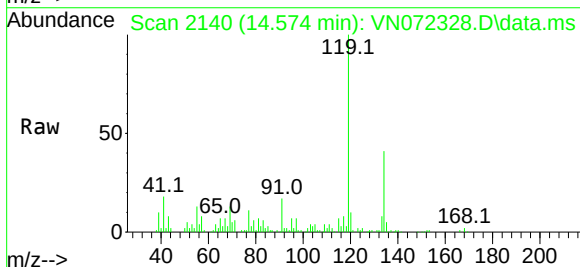
Tgt Ion: 75 Resp: 792

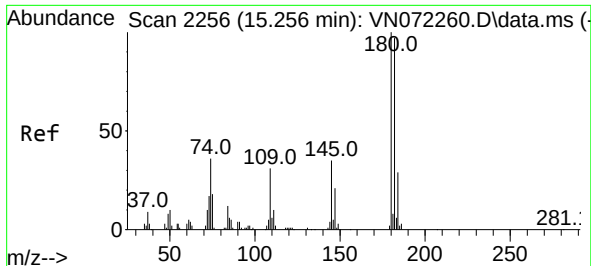
Ion Ratio Lower Upper

75 100

155 0.0 44.9 134.5#

157 0.0 59.0 176.8#

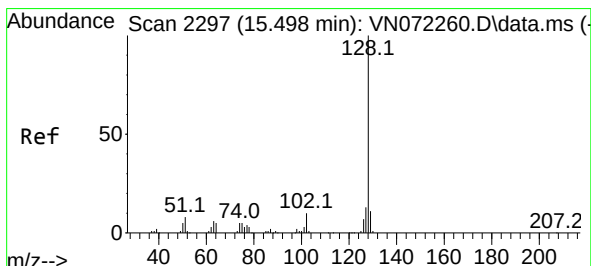
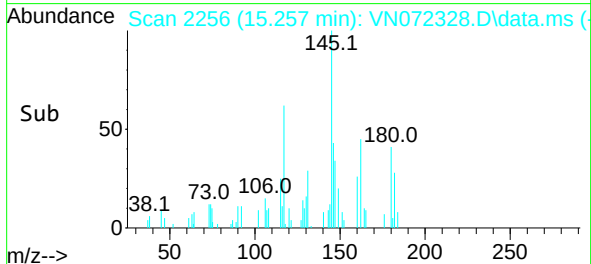
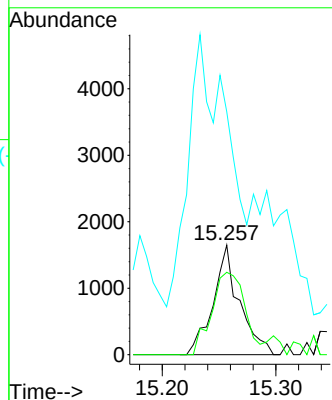
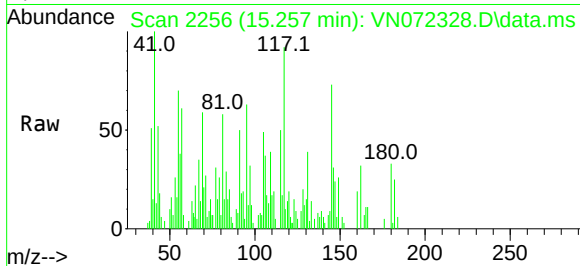




#93
1,2,4-Trichlorobenzene
Concen: 3.213 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

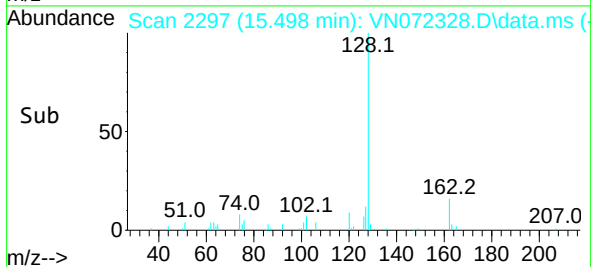
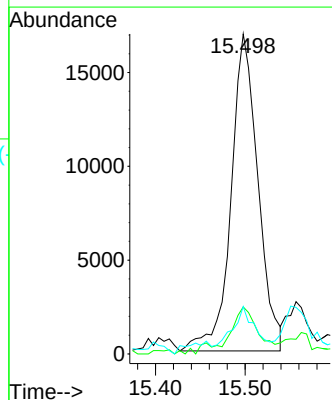
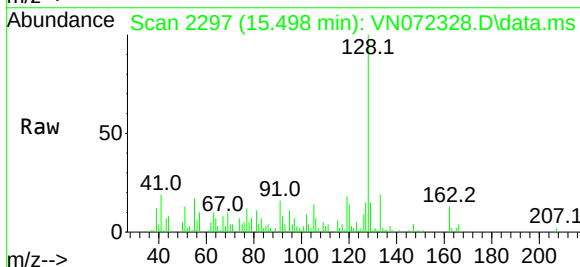
Instrument :
MSVOA_N
ClientSampleId :
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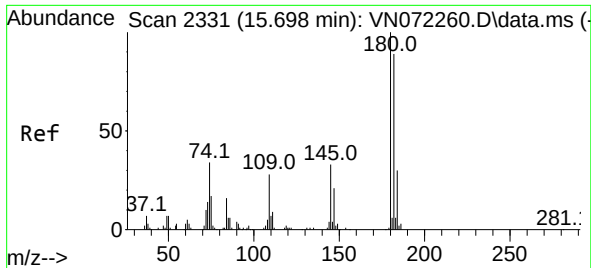
Tgt Ion:180 Resp: 2653
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.5
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 7.317 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072328.D
Acq: 04 May 2022 15:14

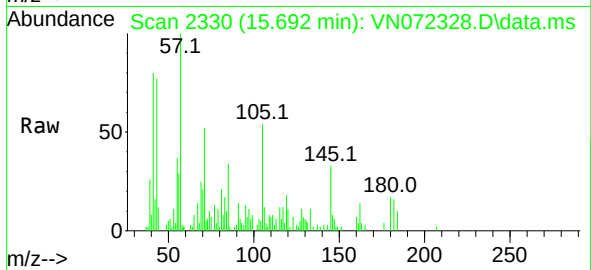
Tgt Ion:128 Resp: 35347
Ion Ratio Lower Upper
128 100
127 11.7 10.3 15.5
129 9.2 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 3.844 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072328.D
 Acq: 04 May 2022 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 31487



Tgt Ion:180 Resp: 3924
 Ion Ratio Lower Upper
 180 100
 182 72.1 47.8 143.3
 145 155.2 15.5 46.5#

