

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085335.D
 Acq On : 27 Dec 2024 19:06
 Operator : JC\MD
 Sample : P5386-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-24-00398

Quant Time: Dec 28 01:45:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	151653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109076	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117158	54.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.320%	
35) Dibromofluoromethane	8.165	113	90185	50.754	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.500%	
50) Toluene-d8	10.565	98	353052	54.146	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.300%	
62) 4-Bromofluorobenzene	12.847	95	115485	53.330	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.660%	

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	506	0.220	ug/l #	43
5) Bromomethane	2.959	94	556	0.349	ug/l #	58
11) Tert butyl alcohol	5.512	59	17796	65.704	ug/l #	83
13) Acrolein	4.165	56	343	0.812	ug/l #	14
16) Acetone	4.418	43	3117057	4382.478	ug/l	100
18) Methyl Acetate	5.030	43	4794	2.202	ug/l #	73
20) Methylene Chloride	5.265	84	2147	1.122	ug/l #	77
22) Diisopropyl ether	6.465	45	2235	0.385	ug/l #	67
25) 2-Butanone	7.488	43	40989	37.147	ug/l	99
28) Bromochloromethane	7.965	49	827	0.508	ug/l #	98
29) Tetrahydrofuran	7.830	42	4135	5.818	ug/l #	35
30) Chloroform	7.959	83	9619	2.685	ug/l	98
31) Cyclohexane	8.224	56	4154	1.299	ug/l #	21
36) 1,1-Dichloropropene	8.224	75	13995	5.379	ug/l #	49
37) Ethyl Acetate	7.559	43	19445	7.520	ug/l	98
38) Carbon Tetrachloride	8.224	117	16593	5.851	ug/l #	17
40) Benzene	8.600	78	2535	0.322	ug/l #	88
41) Methacrylonitrile	7.835	41	1600	1.208	ug/l #	39
42) 1,2-Dichloroethane	8.677	62	748	0.265	ug/l #	76
43) Isopropyl Acetate	8.688	43	154662	36.323	ug/l #	86
45) 1,2-Dichloropropane	9.735	63	1336	0.669	ug/l #	43
48) Methyl methacrylate	9.653	41	17537	9.492	ug/l #	47
51) 4-Methyl-2-Pentanone	10.441	43	16638	6.953	ug/l	89
52) Toluene	10.629	92	353040	75.377	ug/l	100
53) t-1,3-Dichloropropene	10.718	75	908	0.320	ug/l #	45
54) cis-1,3-Dichloropropene	10.353	75	37102	12.088	ug/l #	68
57) 1,3-Dichloropropane	11.194	76	4916	1.584	ug/l #	43
59) 2-Hexanone	11.171	43	90490	54.507	ug/l #	25
67) Ethyl Benzene	11.959	91	80142	8.943	ug/l	98
68) m/p-Xylenes	12.065	106	198497	60.525	ug/l	99
69) o-Xylene	12.394	106	591224	186.356	ug/l	97
70) Styrene	12.400	104	29413	5.720	ug/l #	1
71) Bromoform	12.835	173	596	0.476	ug/l #	28
73) Isopropylbenzene	12.694	105	157701	20.105	ug/l	99
74) N-amyl acetate	12.453	43	10737	3.198	ug/l #	48
76) 1,2,3-Trichloropropane	13.029	75	3833	1.882	ug/l #	1

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

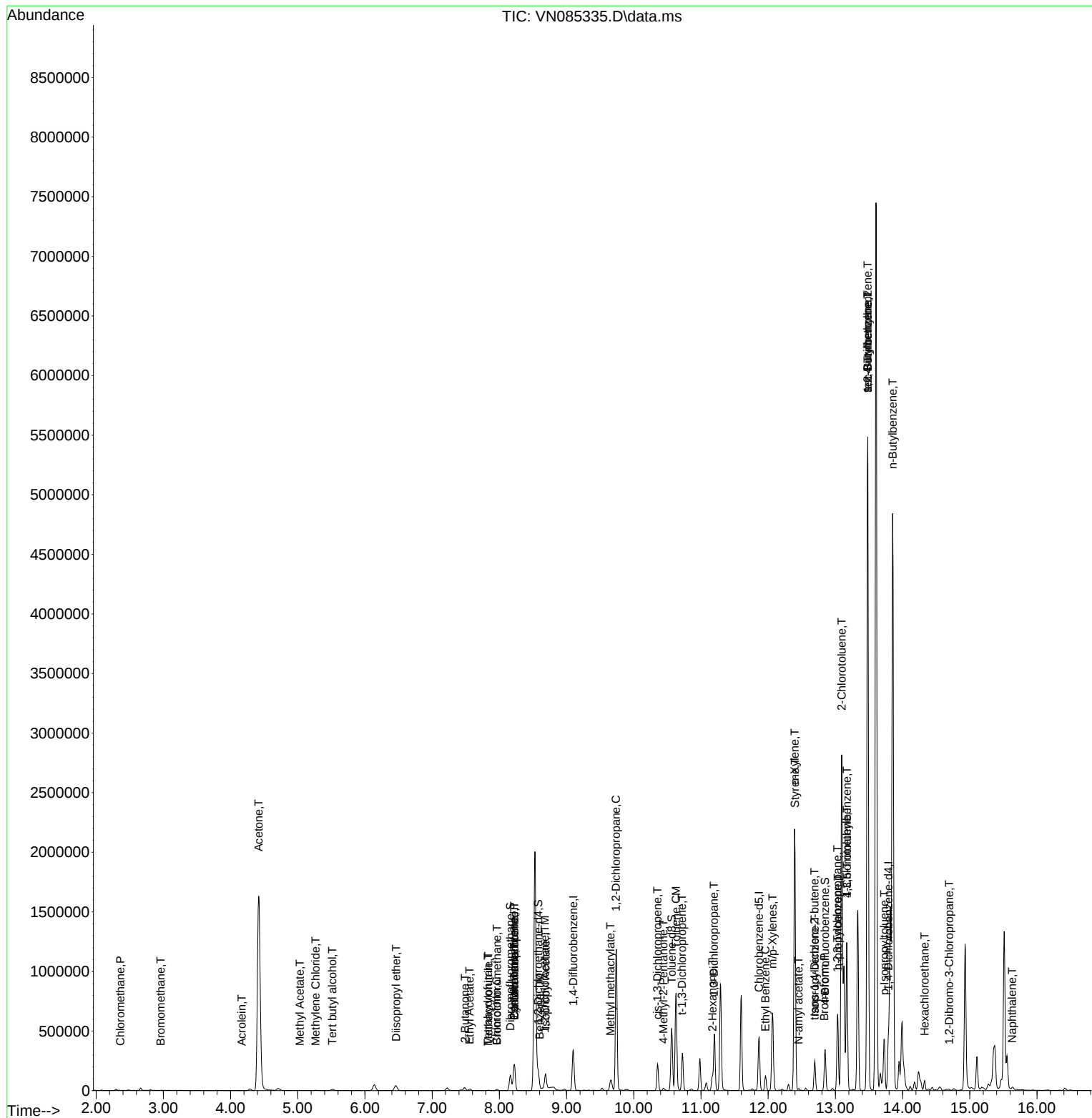
78) n-propylbenzene	13.035	91	508829	55.652	ug/l	99
79) 2-Chlorotoluene	13.094	91	298696	51.908	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.170	105	664772	104.779	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.688	75	2010	2.363	ug/l #	70
82) 4-Chlorotoluene	13.170	91	73898	12.751	ug/l #	42
83) tert-Butylbenzene	13.482	119	362293	65.921	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.482	105	3016491	477.485	ug/l	98
85) sec-Butylbenzene	13.482	105	3016491	395.415	ug/l #	58
86) p-Isopropyltoluene	13.729	119	248614	37.043	ug/l	98
89) n-Butylbenzene	13.853	91	47280	8.464	ug/l	84
90) Hexachloroethane	14.329	117	5010	4.007	ug/l #	20
92) 1,2-Dibromo-3-Chloropr...	14.694	75	123	0.277	ug/l #	8
95) Naphthalene	15.629	128	6279	1.106	ug/l	96

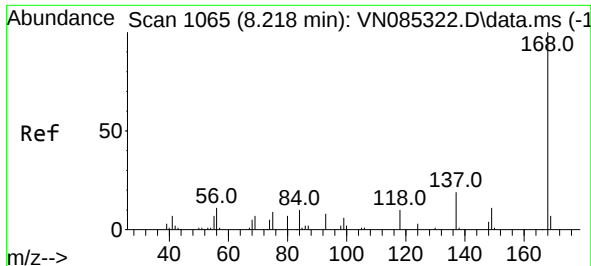
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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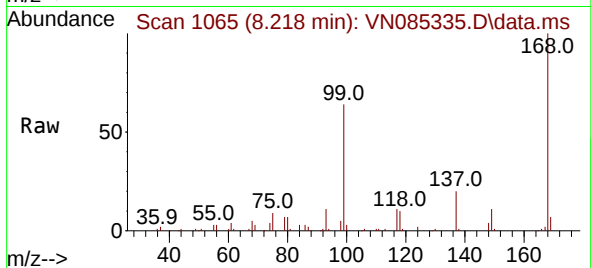
Quant Time: Dec 28 01:45:32 2024
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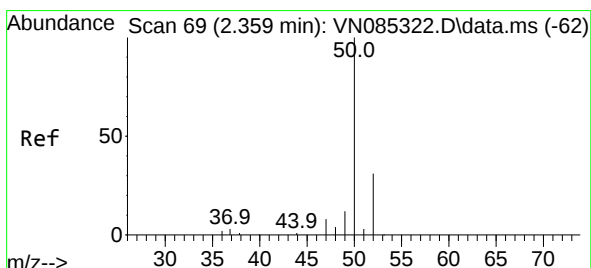
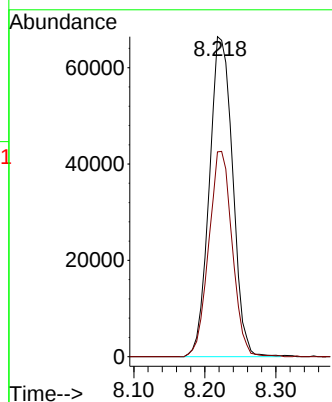
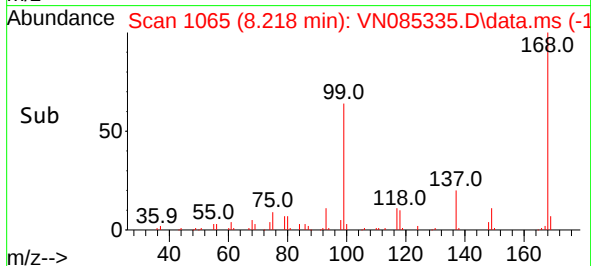


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Instrument :
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ClientSampleId :
MOO-24-00398

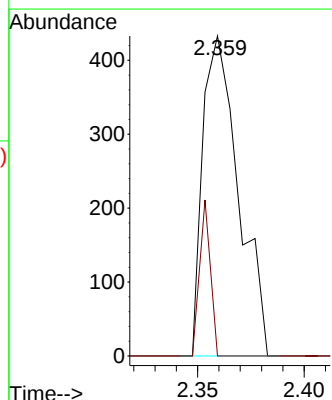
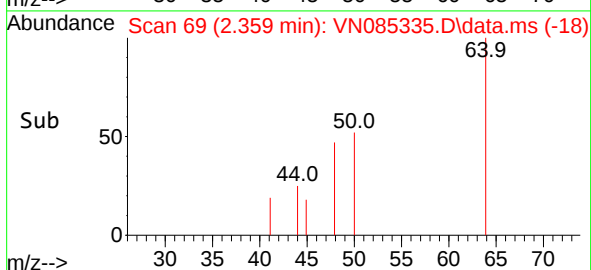
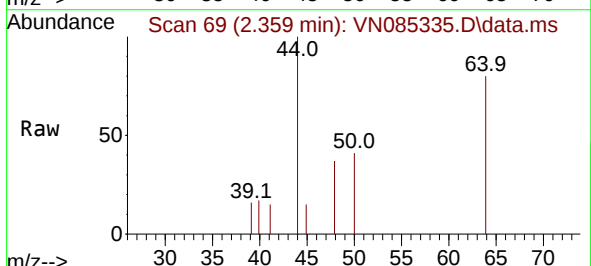


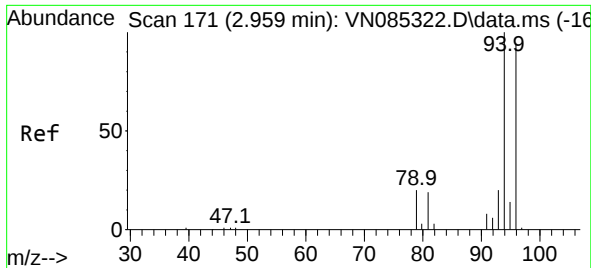
Tgt Ion:168 Resp: 151653
Ion Ratio Lower Upper
168 100
99 64.0 51.0 76.4



#3
Chloromethane
Concen: 0.220 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 50 Resp: 506
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

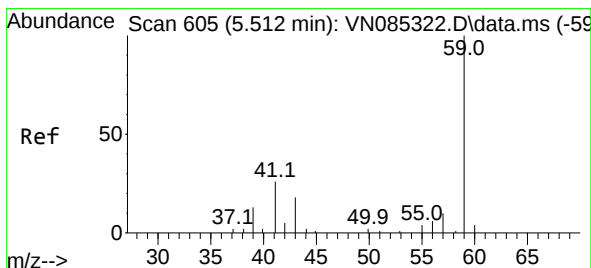
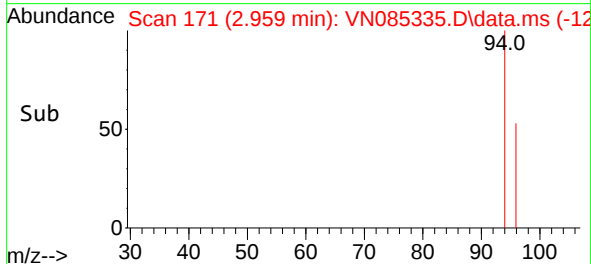
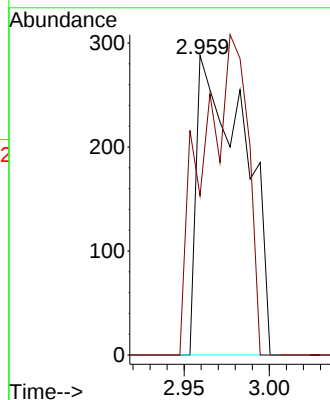
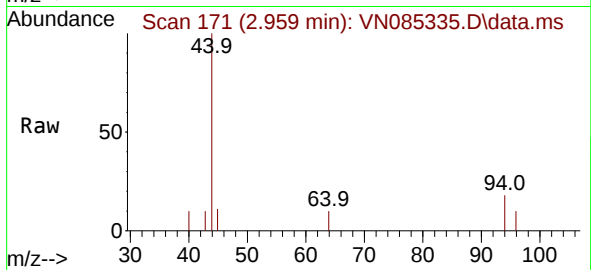




#5
Bromomethane
Concen: 0.349 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

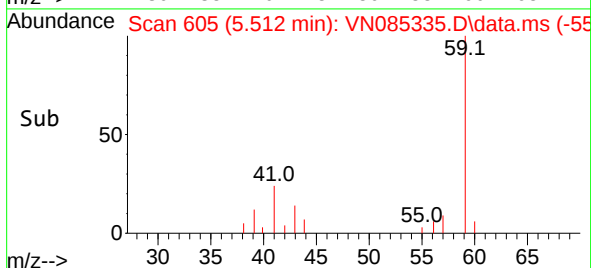
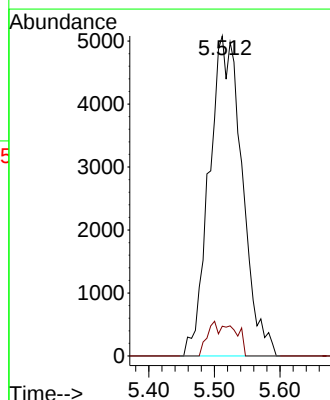
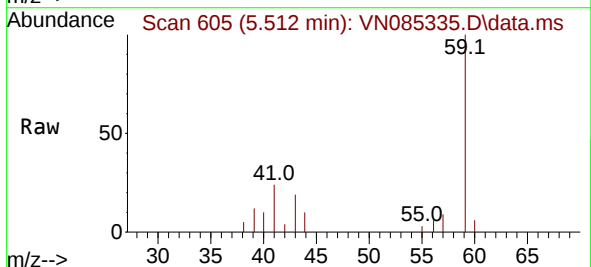
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MSVOA_N
ClientSampleId :
MOO-24-00398

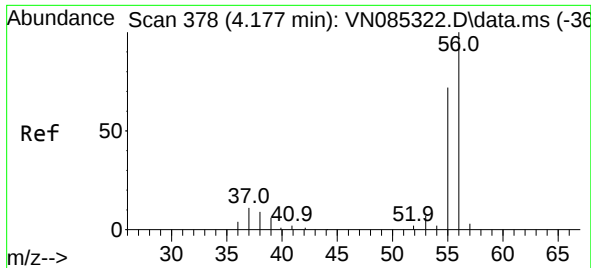
Tgt Ion: 94 Resp: 556
Ion Ratio Lower Upper
94 100
96 53.1 75.2 112.8#



#11
Tert butyl alcohol
Concen: 65.704 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 59 Resp: 17796
Ion Ratio Lower Upper
59 100
57 3.7 8.1 12.1#

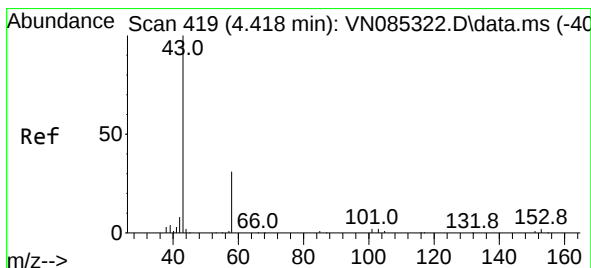
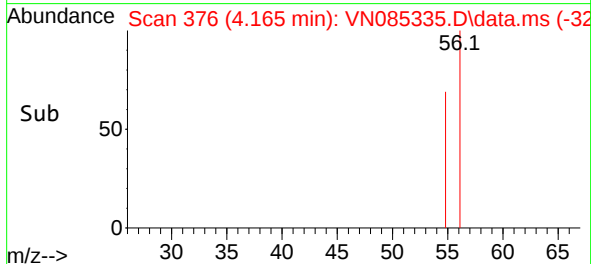
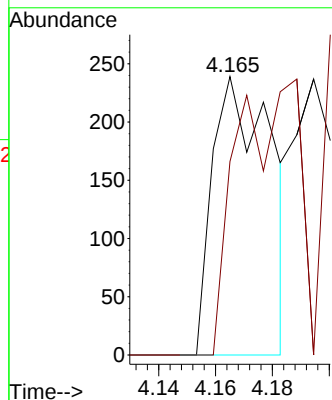
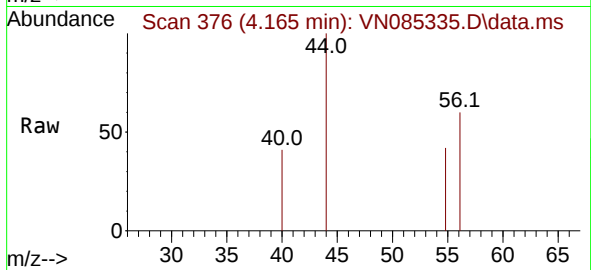




#13
Acrolein
Concen: 0.812 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

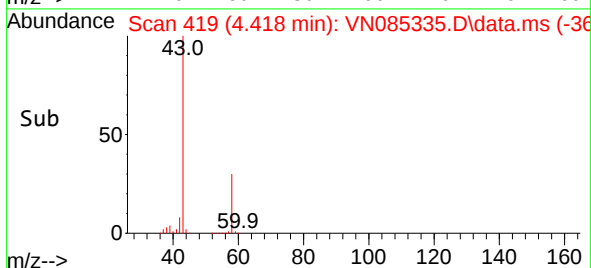
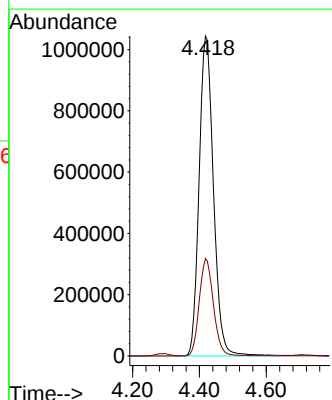
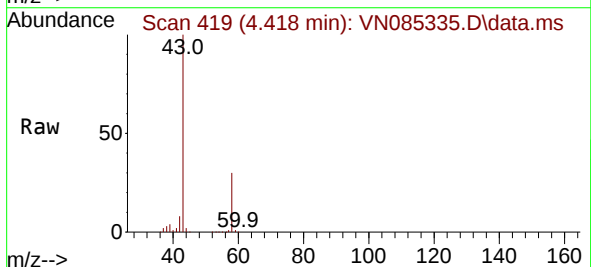
Instrument :
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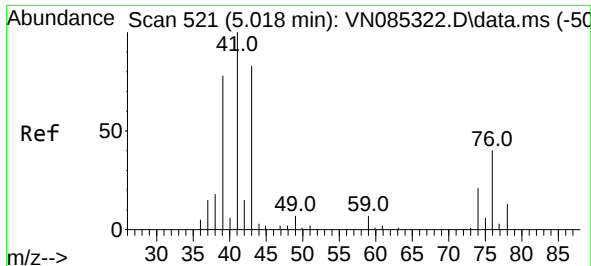
Tgt Ion: 56 Resp: 343
Ion Ratio Lower Upper
56 100
55 0.0 57.5 86.3#



#16
Acetone
Concen: 4382.478 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 43 Resp: 3117057
Ion Ratio Lower Upper
43 100
58 30.4 24.5 36.7

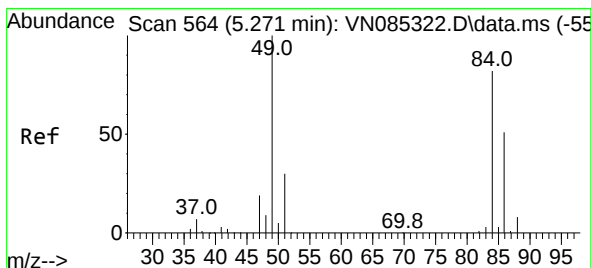
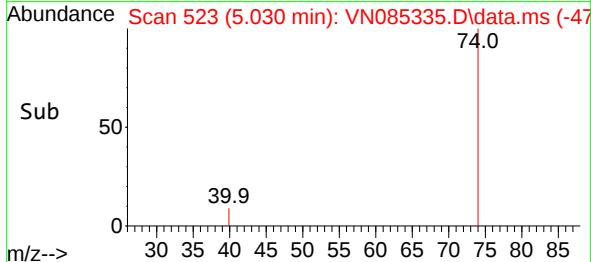
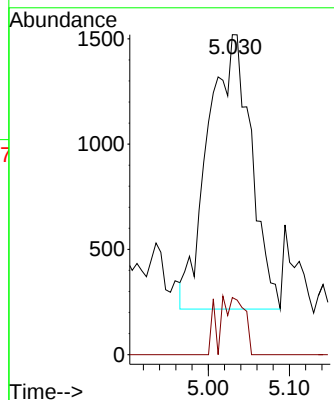
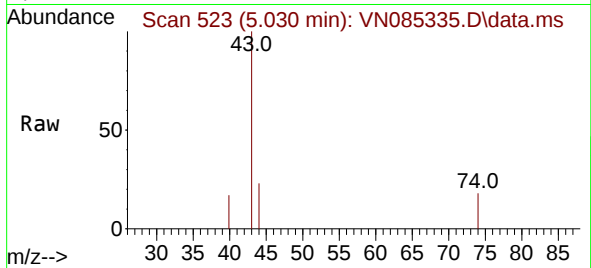




#18
Methyl Acetate
Concen: 2.202 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

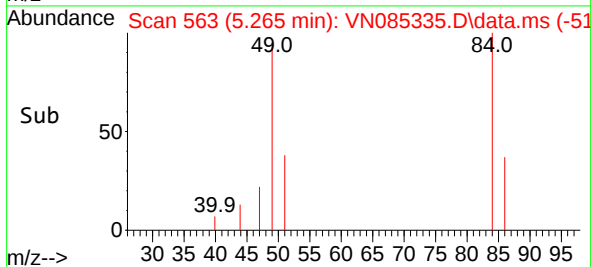
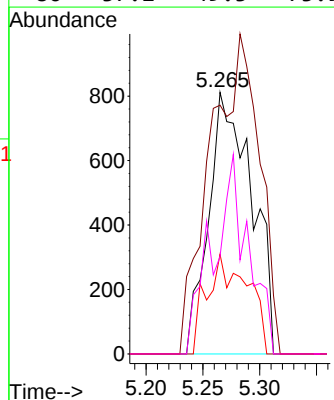
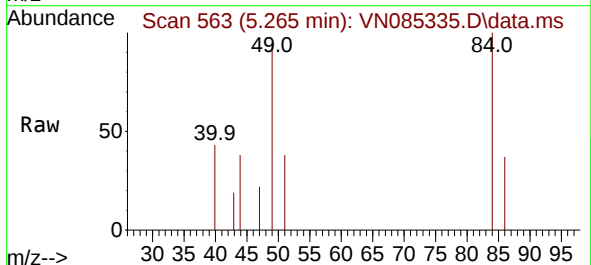
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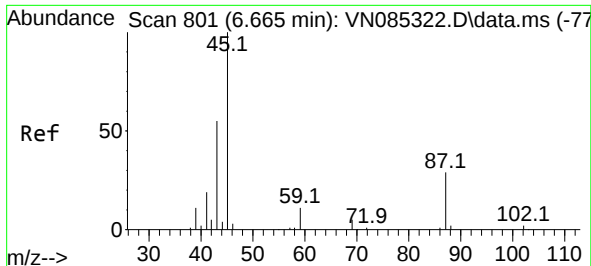
Tgt Ion: 43 Resp: 4794
Ion Ratio Lower Upper
43 100
74 10.5 19.0 28.6#



#20
Methylene Chloride
Concen: 1.122 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 84 Resp: 2147
Ion Ratio Lower Upper
84 100
49 95.1 97.6 146.4#
51 38.1 29.1 43.7
86 37.2 49.3 73.9#

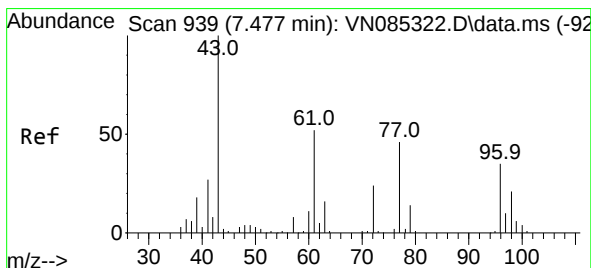
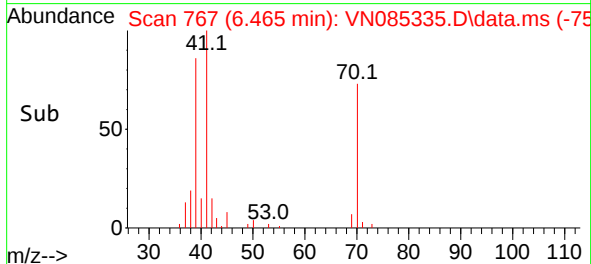
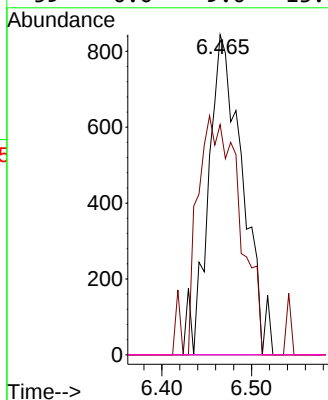
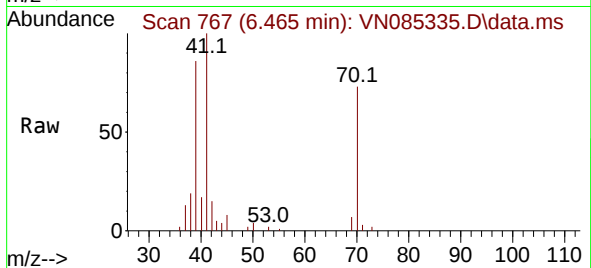




#22
Diisopropyl ether
Concen: 0.385 ug/l
RT: 6.465 min Scan# 71
Delta R.T. -0.200 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

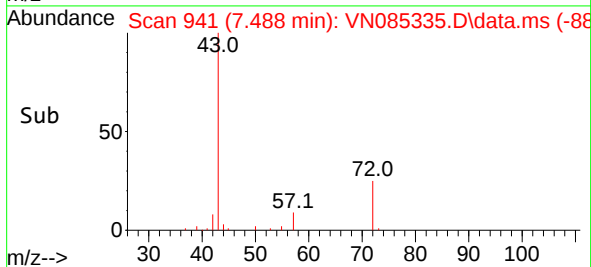
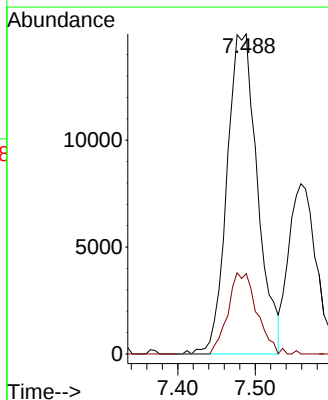
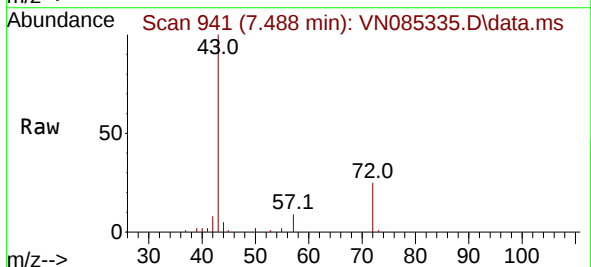
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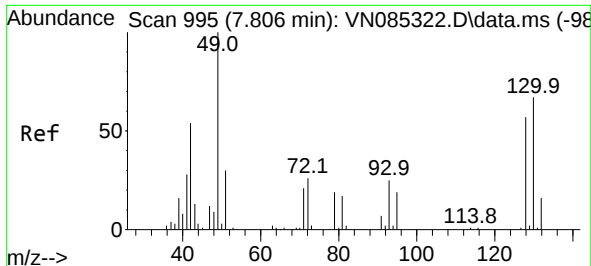
Tgt Ion:	45	Resp:	2235
Ion	Ratio	Lower	Upper
45	100		
43	71.9	44.1	66.1#
87	0.0	23.2	34.8#
59	0.0	9.0	13.6#



#25
2-Butanone
Concen: 37.147 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion:	43	Resp:	40989
Ion	Ratio	Lower	Upper
43	100		
72	25.1	19.6	29.4

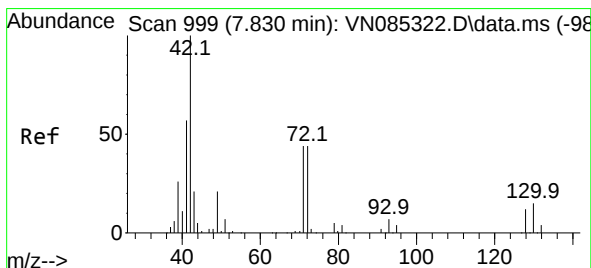
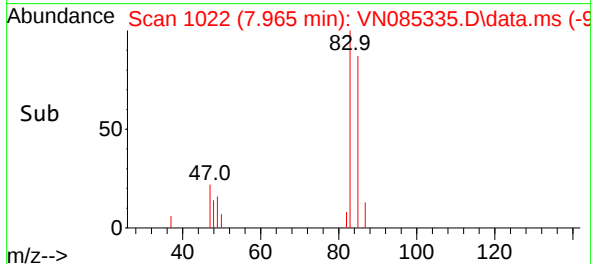
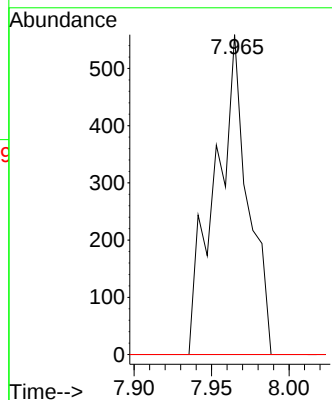
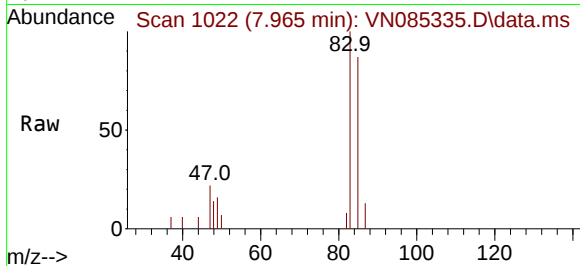




#28
Bromochloromethane
Concen: 0.508 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.159 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

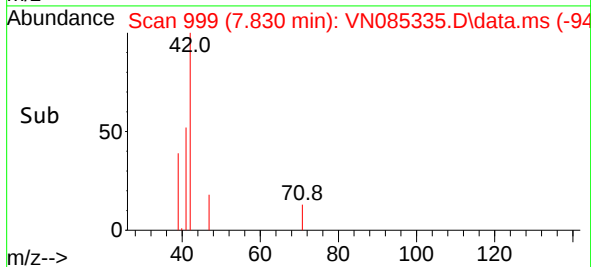
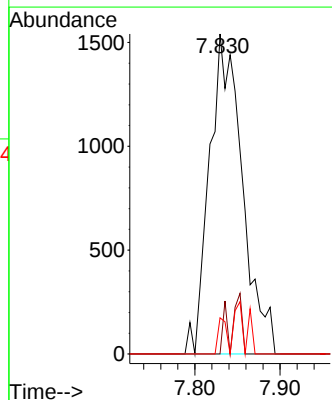
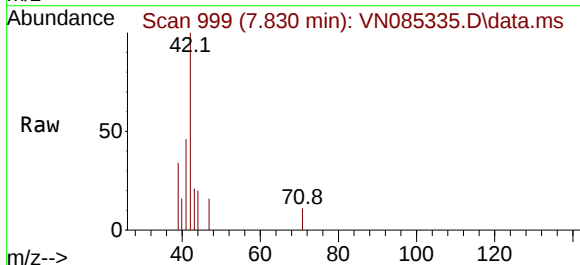
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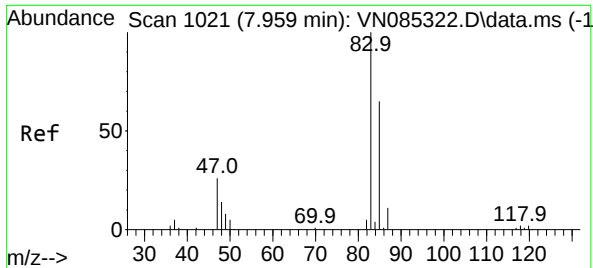
Tgt Ion:	49	Resp:	827
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.0
130	0.0	0.0	0.0



#29
Tetrahydrofuran
Concen: 5.818 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion:	42	Resp:	4135
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.1	52.7#
71	2.8	33.4	50.0#

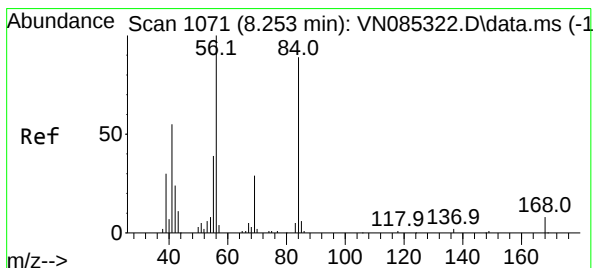
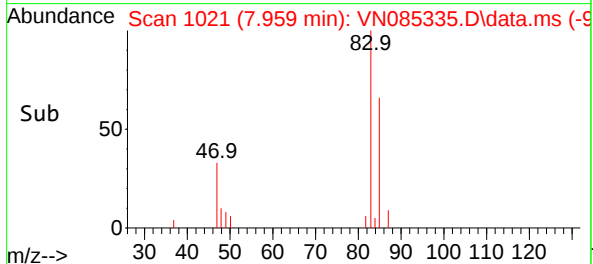
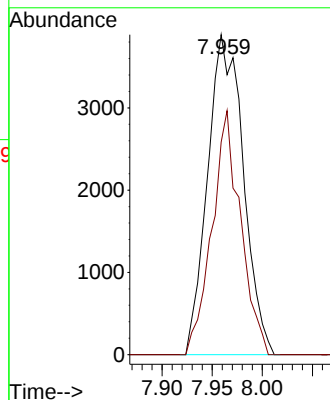
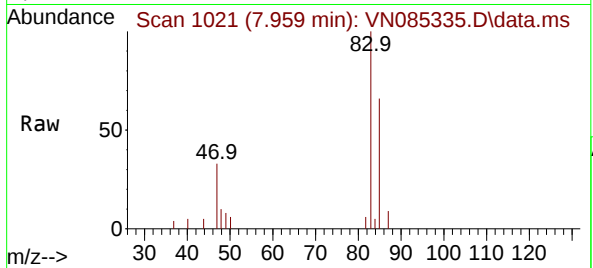




#30
Chloroform
Concen: 2.685 ug/l
RT: 7.959 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

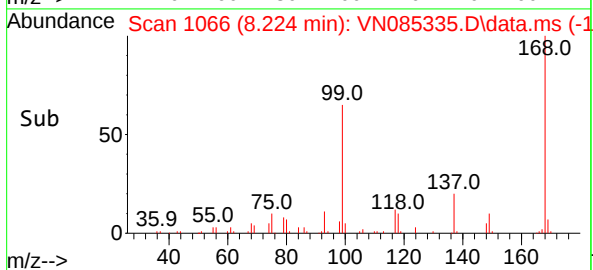
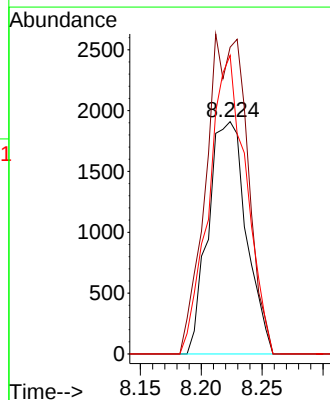
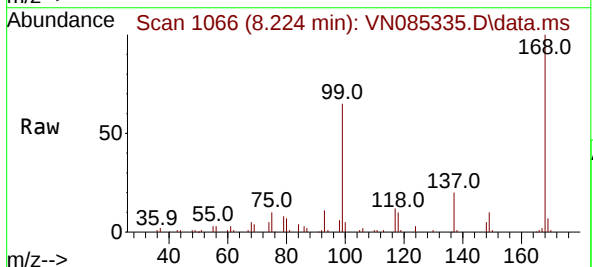
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

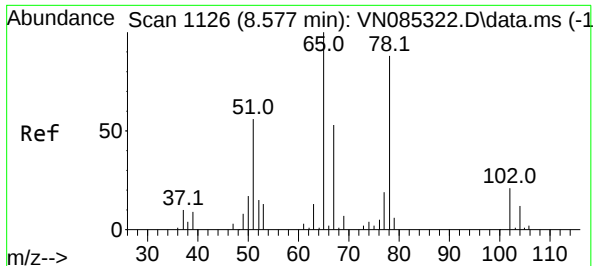
Tgt Ion: 83 Resp: 9619
Ion Ratio Lower Upper
83 100
85 66.4 52.0 78.0



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 56 Resp: 4154
Ion Ratio Lower Upper
56 100
69 132.0 23.4 35.0#
84 128.5 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 54.165 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085335.D

Acq: 27 Dec 2024 19:06

Instrument :

MSVOA_N

ClientSampleId :

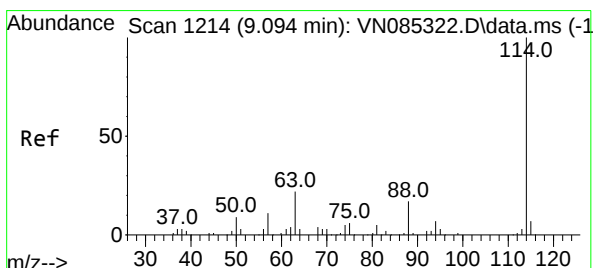
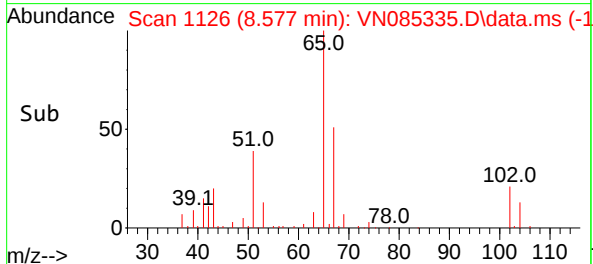
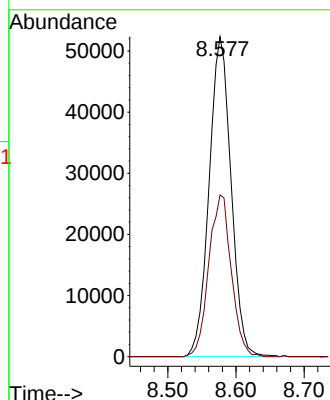
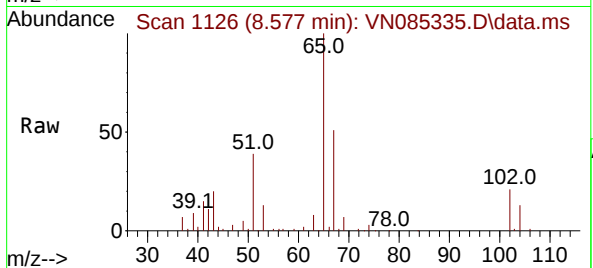
MOO-24-00398

Tgt Ion: 65 Resp: 117158

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085335.D

Acq: 27 Dec 2024 19:06

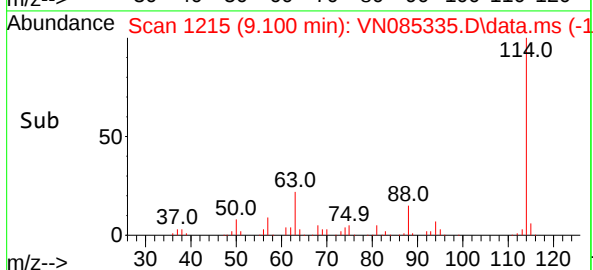
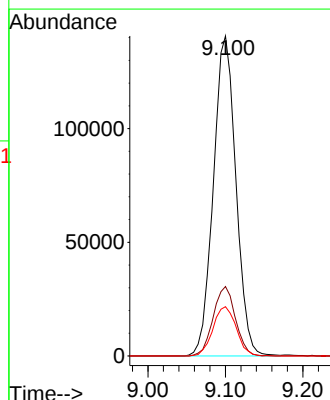
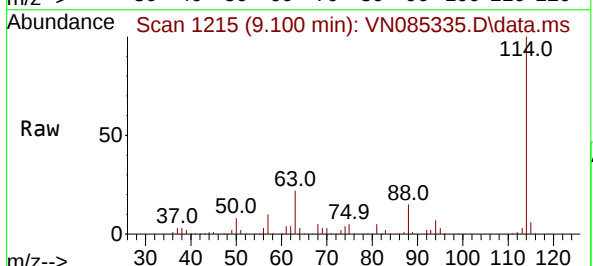
Tgt Ion: 114 Resp: 284825

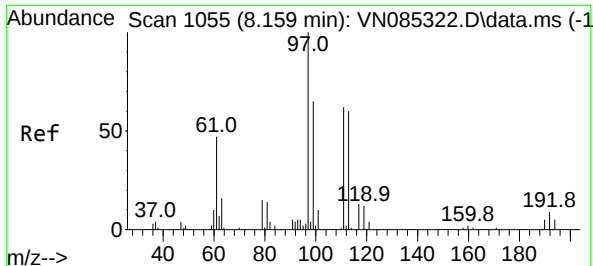
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

88 15.4 0.0 33.6

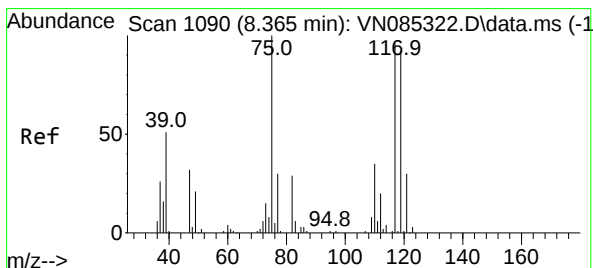
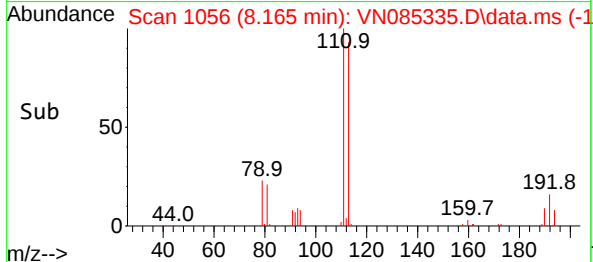
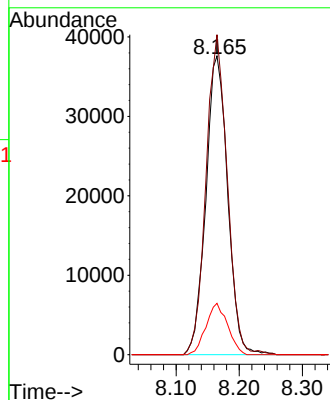
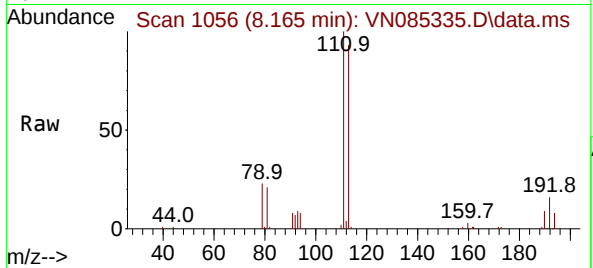




#35
Dibromofluoromethane
Concen: 50.754 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

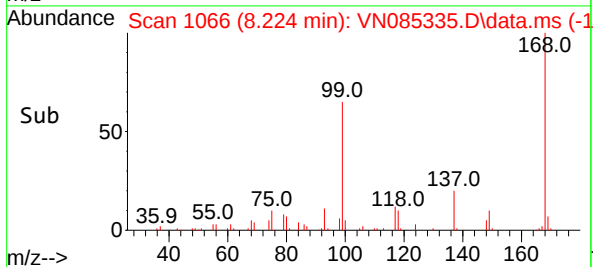
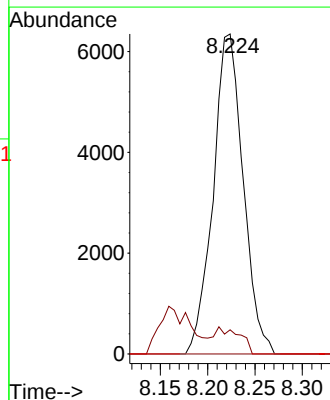
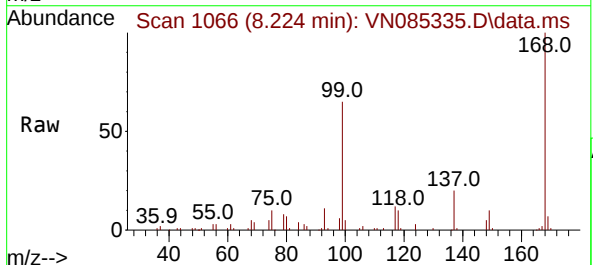
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

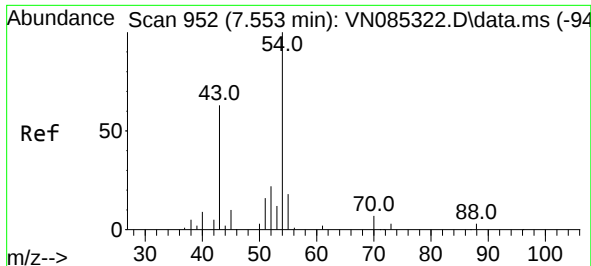
Tgt Ion:113 Resp: 90185
Ion Ratio Lower Upper
113 100
111 104.3 80.5 120.7
192 17.0 12.9 19.3



#36
1,1-Dichloropropene
Concen: 5.379 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 75 Resp: 13995
Ion Ratio Lower Upper
75 100
110 7.1 16.6 49.8#
77 0.0 24.3 36.5#

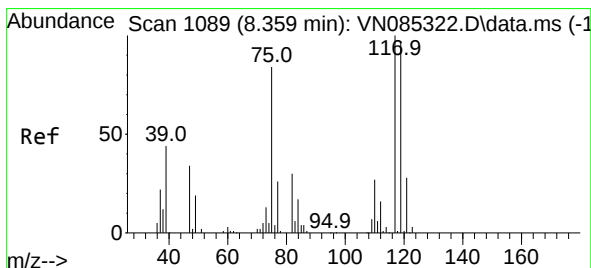
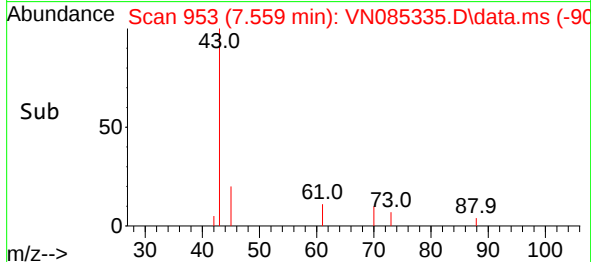
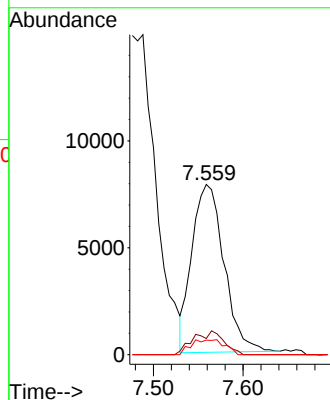
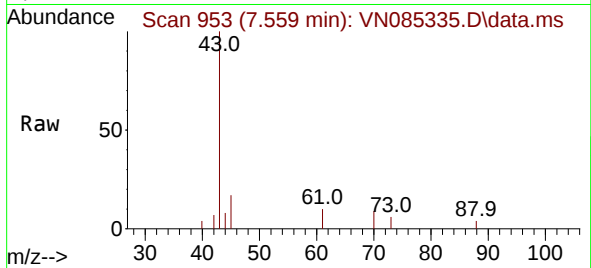




#37
Ethyl Acetate
Concen: 7.520 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

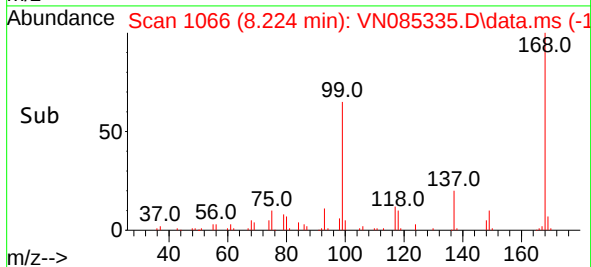
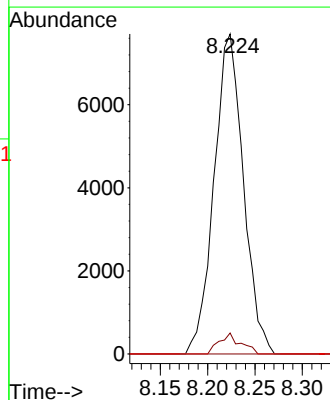
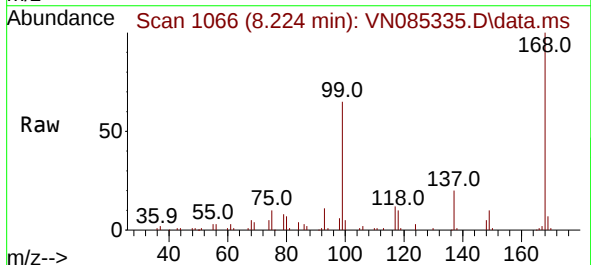
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

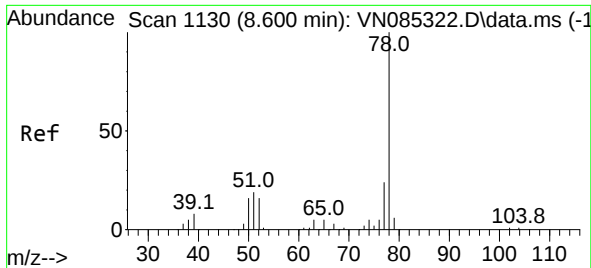
Tgt Ion:	43	Resp:	19445
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.4	15.6
70	9.4	8.2	12.2



#38
Carbon Tetrachloride
Concen: 5.851 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion:	117	Resp:	16593
Ion	Ratio	Lower	Upper
117	100		
119	6.6	77.8	116.6#
121	0.0	22.5	33.7#

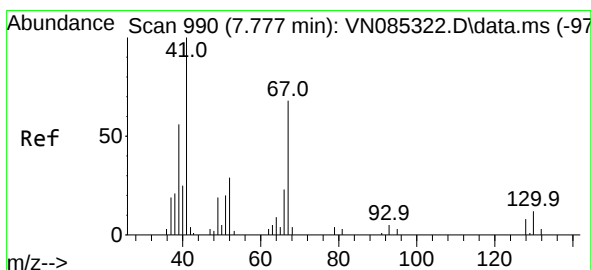
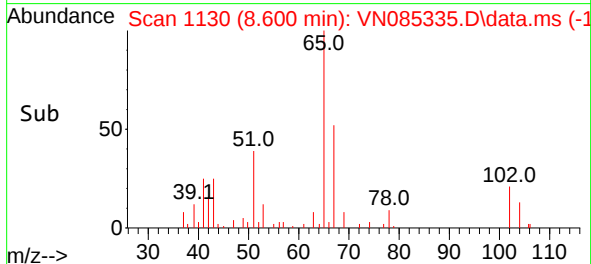
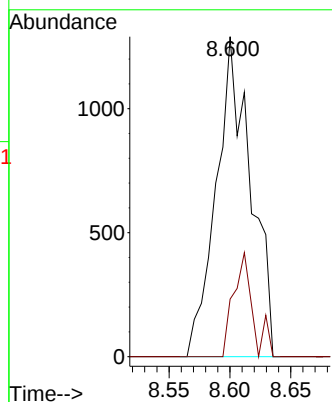
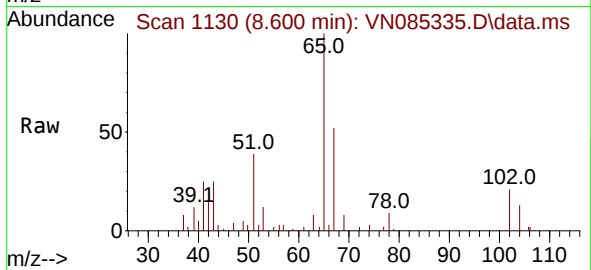




#40
Benzene
Concen: 0.322 ug/l
RT: 8.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

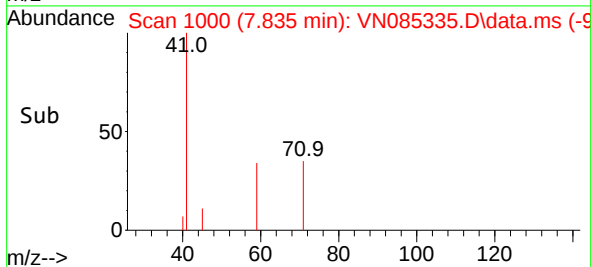
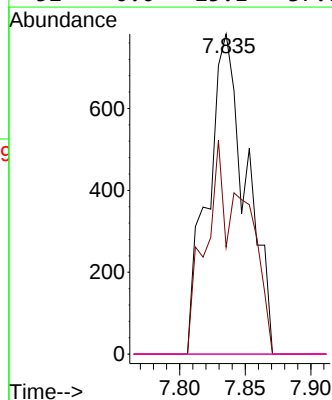
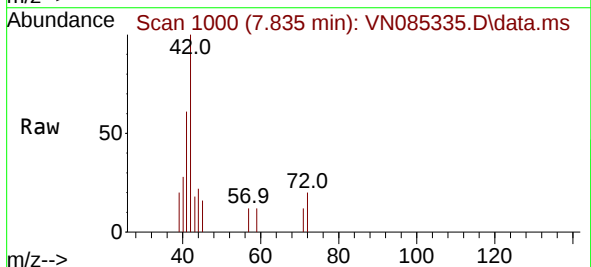
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

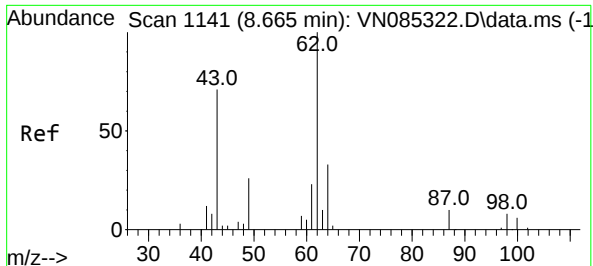
Tgt Ion: 78 Resp: 2535
Ion Ratio Lower Upper
78 100
77 18.0 19.0 28.4#



#41
Methacrylonitrile
Concen: 1.208 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.059 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 41 Resp: 1600
Ion Ratio Lower Upper
41 100
39 34.6 45.8 68.8#
67 0.0 57.1 85.7#
52 0.0 25.1 37.7#





#42

1,2-Dichloroethane

Concen: 0.265 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.012 min

Lab File: VN085335.D

Acq: 27 Dec 2024 19:06

Instrument :

MSVOA_N

ClientSampleId :

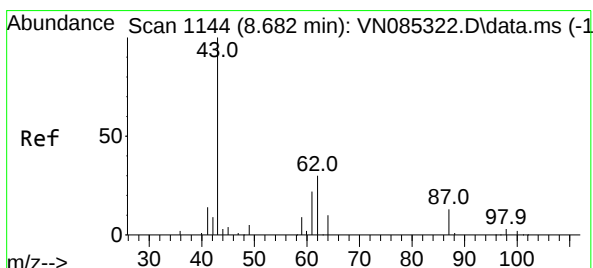
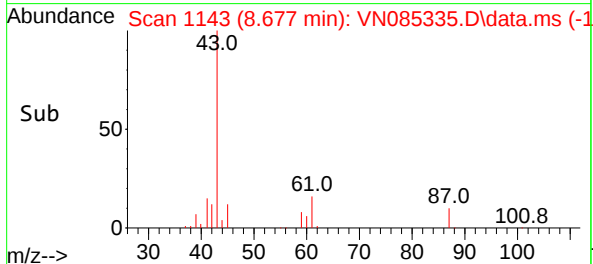
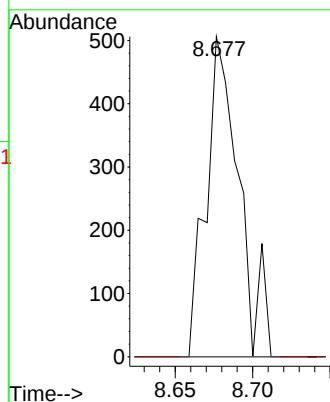
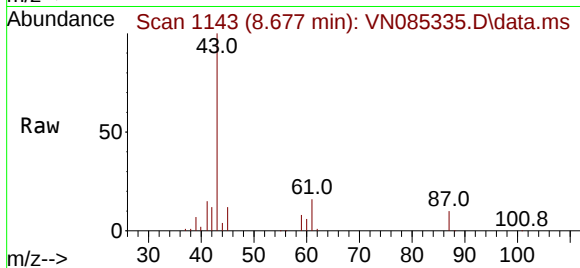
MOO-24-00398

Tgt Ion: 62 Resp: 748

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 36.323 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085335.D

Acq: 27 Dec 2024 19:06

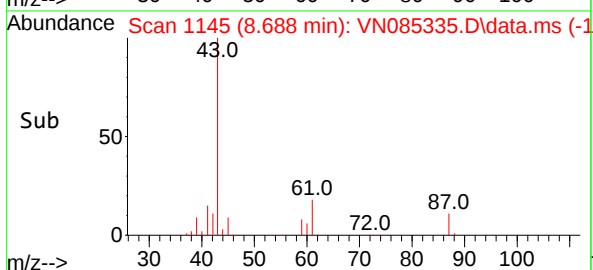
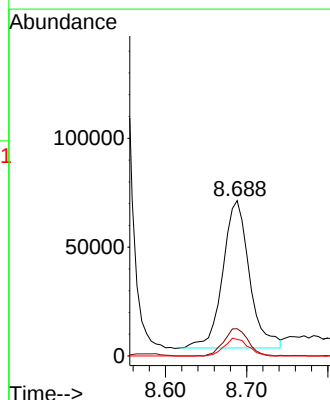
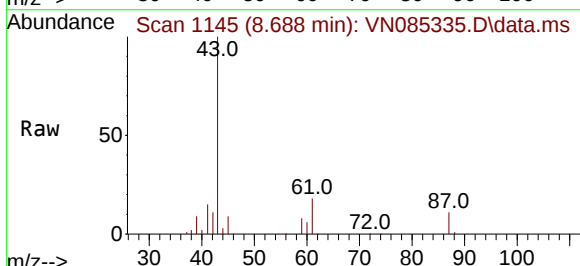
Tgt Ion: 43 Resp: 154662

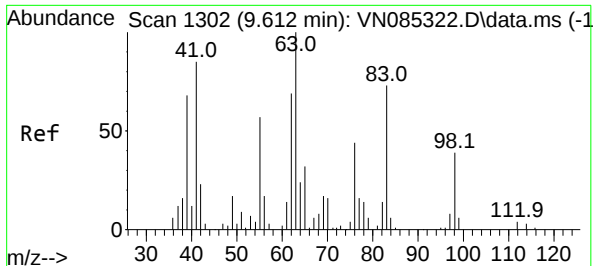
Ion Ratio Lower Upper

43 100

61 17.0 20.8 31.2#

87 10.7 10.2 15.4





#45

1,2-Dichloropropane

Concen: 0.669 ug/l

RT: 9.735 min Scan# 11

Delta R.T. 0.124 min

Lab File: VN085335.D

Acq: 27 Dec 2024 19:06

Instrument :

MSVOA_N

ClientSampleId :

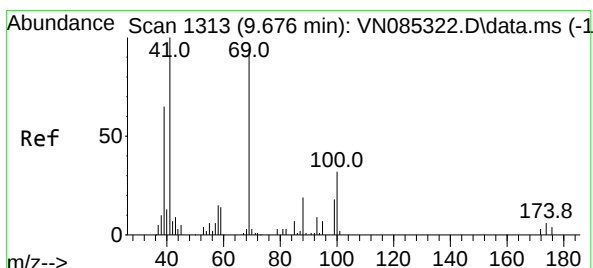
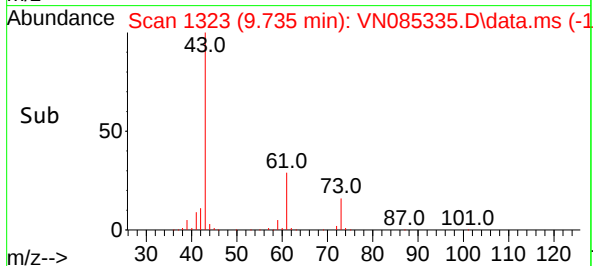
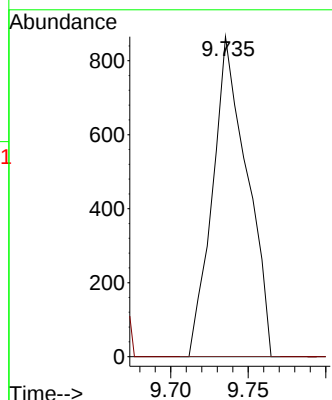
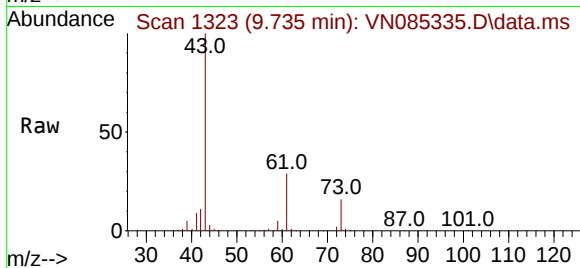
MOO-24-00398

Tgt Ion: 63 Resp: 1336

Ion Ratio Lower Upper

63 100

65 0.0 25.5 38.3#



#48

Methyl methacrylate

Concen: 9.492 ug/l

RT: 9.653 min Scan# 1309

Delta R.T. -0.024 min

Lab File: VN085335.D

Acq: 27 Dec 2024 19:06

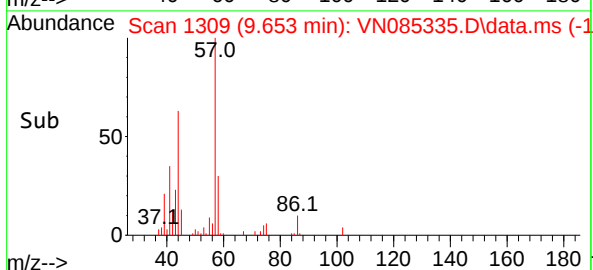
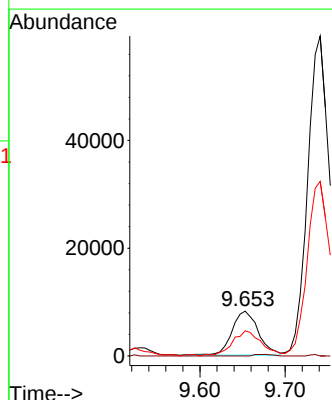
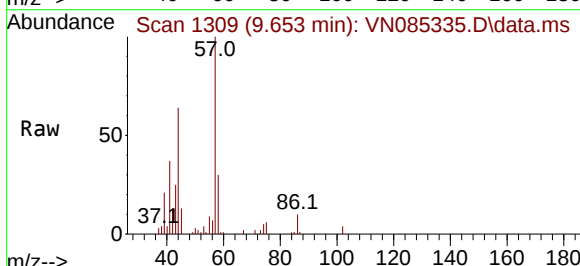
Tgt Ion: 41 Resp: 17537

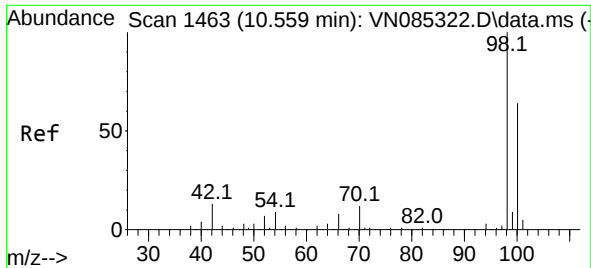
Ion Ratio Lower Upper

41 100

69 0.0 67.7 101.5#

39 63.4 51.2 76.8

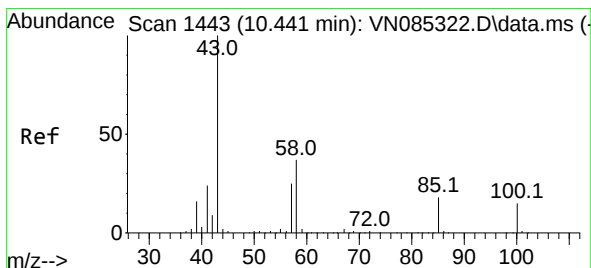
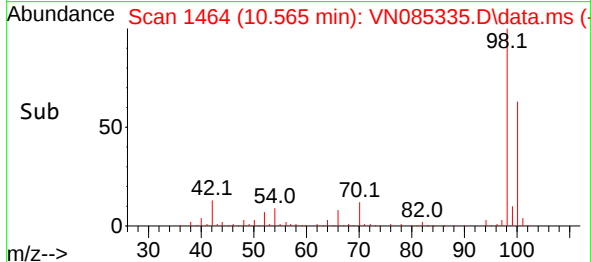
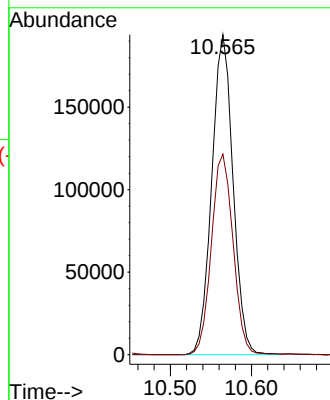
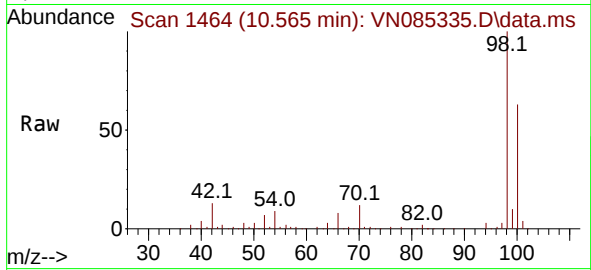




#50
Toluene-d8
Concen: 54.146 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

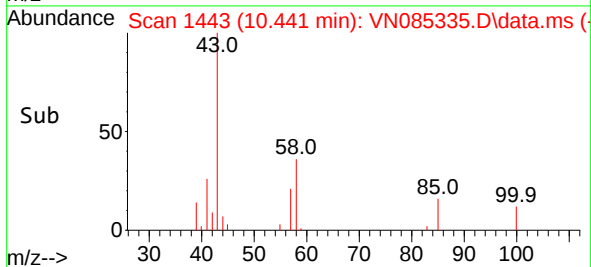
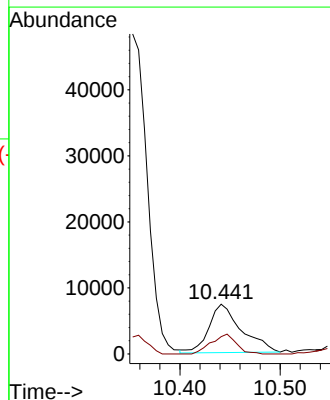
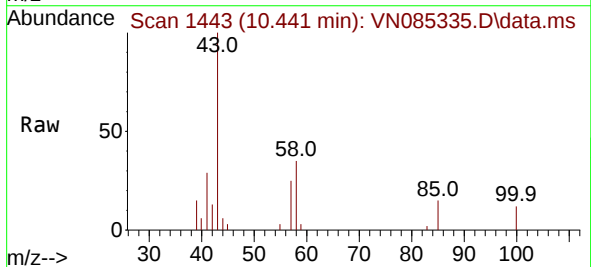
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

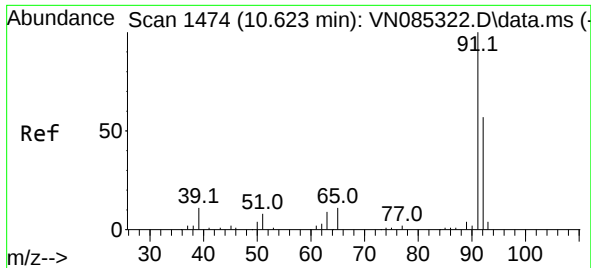
Tgt Ion: 98 Resp: 353052
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 6.953 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 43 Resp: 16638
Ion Ratio Lower Upper
43 100
58 31.0 30.3 45.5

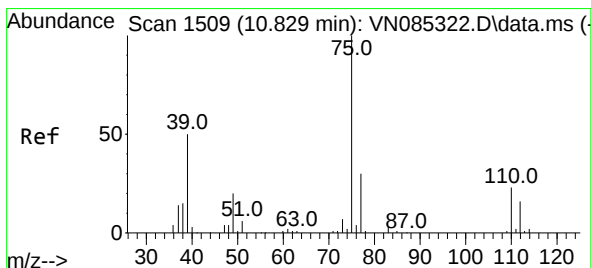
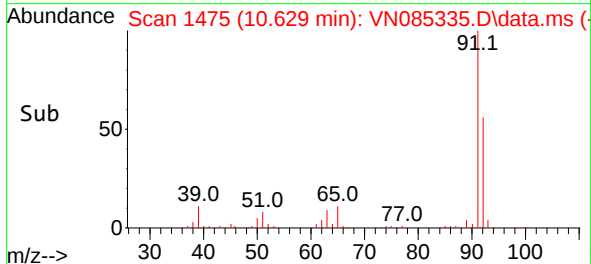
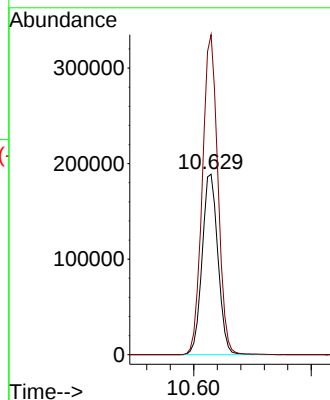
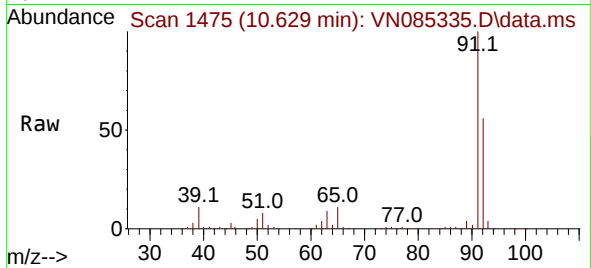




#52
Toluene
Concen: 75.377 ug/l
RT: 10.629 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

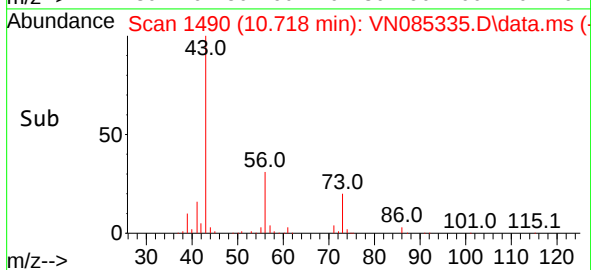
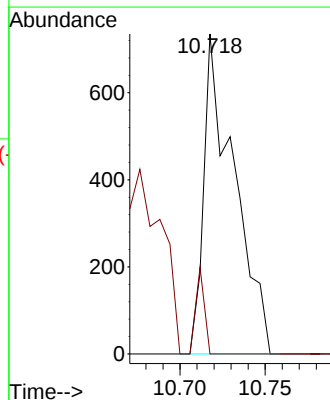
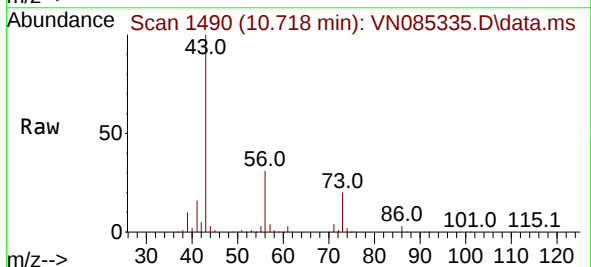
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

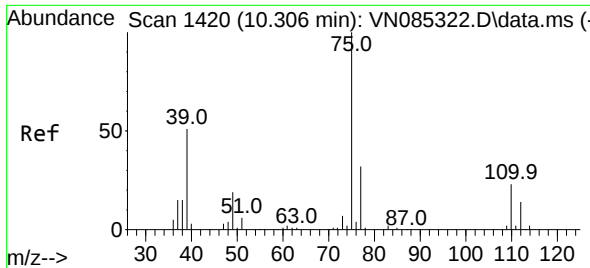
Tgt Ion: 92 Resp: 353040
Ion Ratio Lower Upper
92 100
91 174.8 140.2 210.4



#53
t-1,3-Dichloropropene
Concen: 0.320 ug/l
RT: 10.718 min Scan# 1490
Delta R.T. -0.112 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 75 Resp: 908
Ion Ratio Lower Upper
75 100
77 0.0 23.8 35.6#

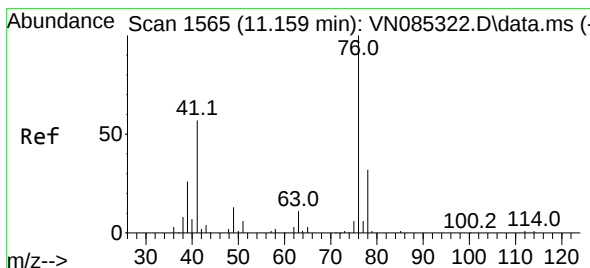
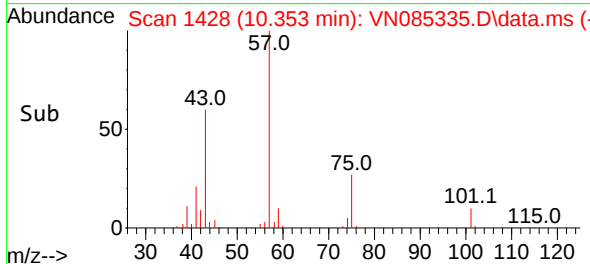
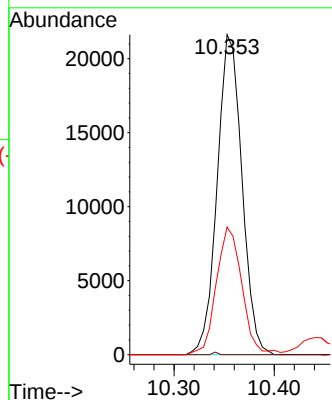
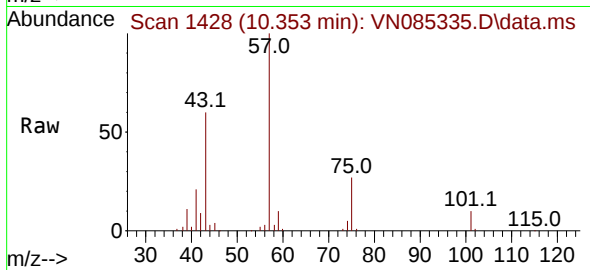




#54
 cis-1,3-Dichloropropene
 Concen: 12.088 ug/l
 RT: 10.353 min Scan# 1428
 Delta R.T. 0.047 min
 Lab File: VN085335.D
 Acq: 27 Dec 2024 19:06

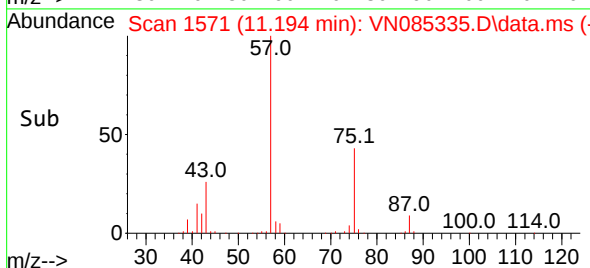
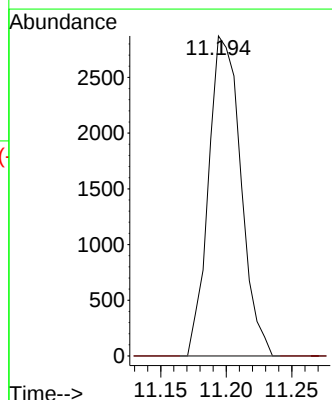
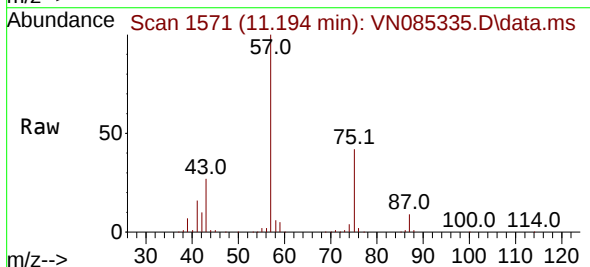
Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-24-00398

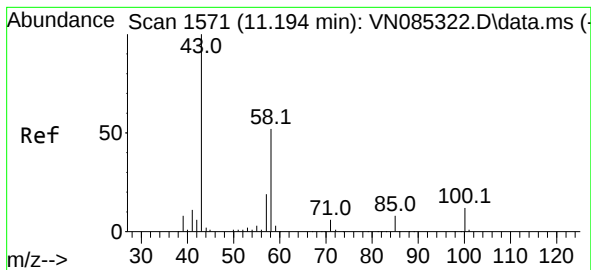
Tgt Ion: 75 Resp: 37102
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 39.9 40.5 60.7#



#57
 1,3-Dichloropropane
 Concen: 1.584 ug/l
 RT: 11.194 min Scan# 1571
 Delta R.T. 0.035 min
 Lab File: VN085335.D
 Acq: 27 Dec 2024 19:06

Tgt Ion: 76 Resp: 4916
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#

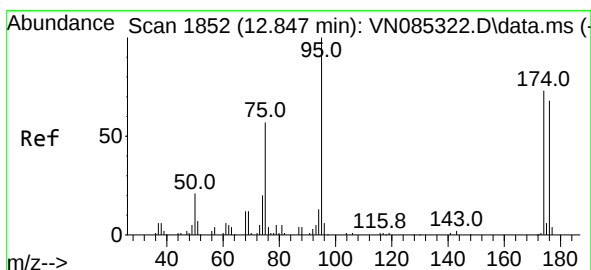
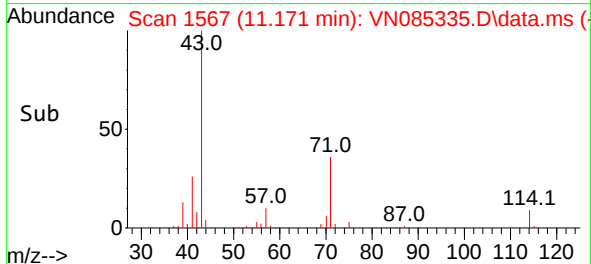
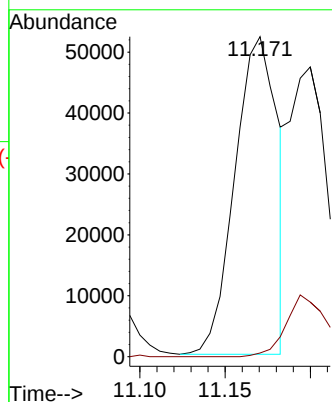
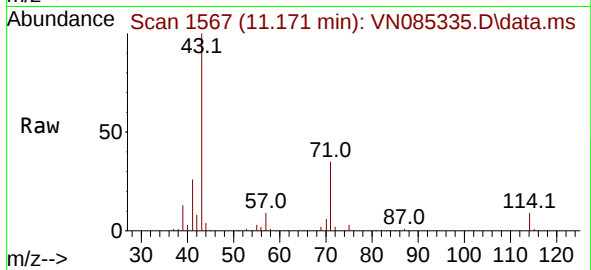




#59
2-Hexanone
Concen: 54.507 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

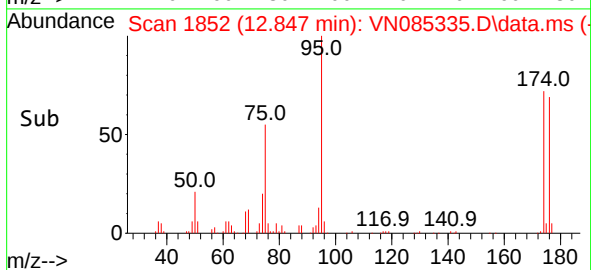
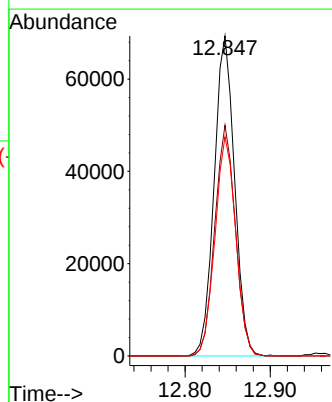
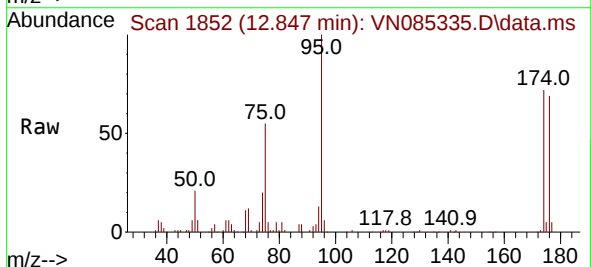
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

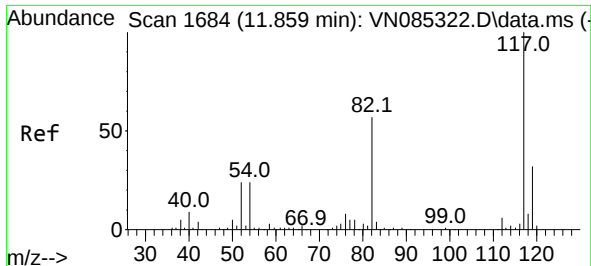
Tgt Ion: 43 Resp: 90490
Ion Ratio Lower Upper
43 100
58 0.0 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 53.330 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 95 Resp: 115485
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.2
176 69.8 0.0 135.8

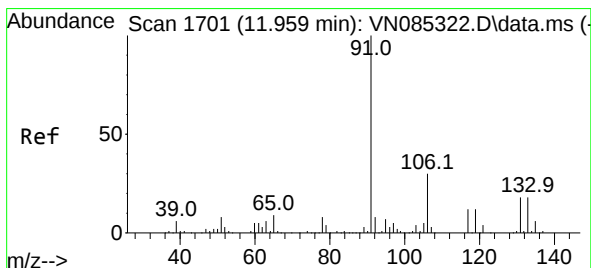
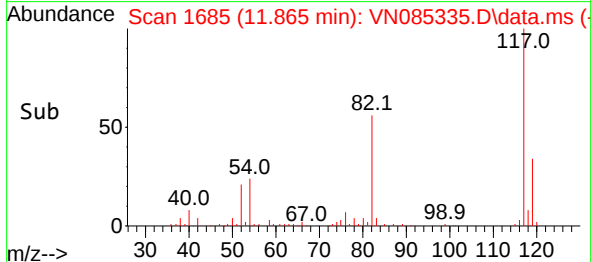
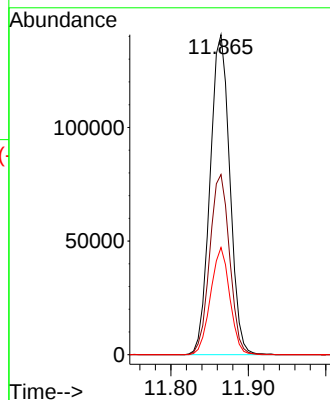
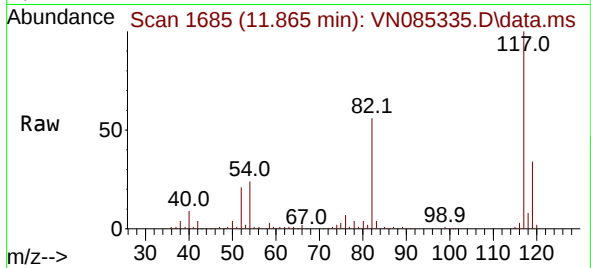




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

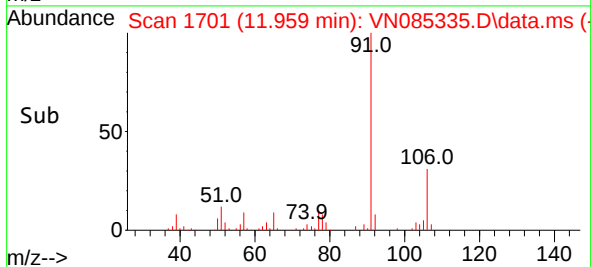
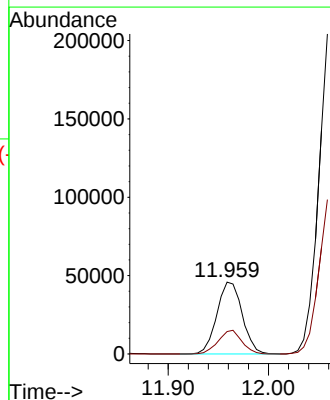
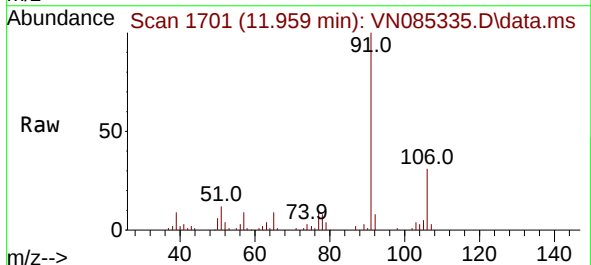
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

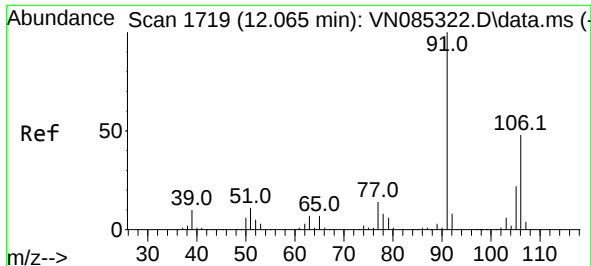
Tgt Ion:117 Resp: 249362
Ion Ratio Lower Upper
117 100
82 56.3 45.7 68.5
119 33.5 25.8 38.8



#67
Ethyl Benzene
Concen: 8.943 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 91 Resp: 80142
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0

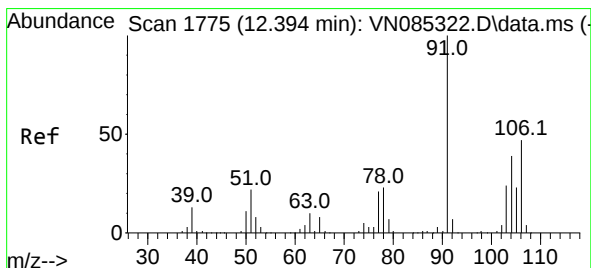
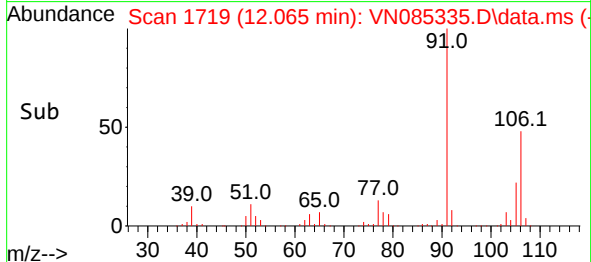
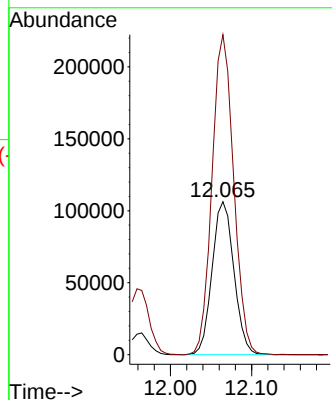
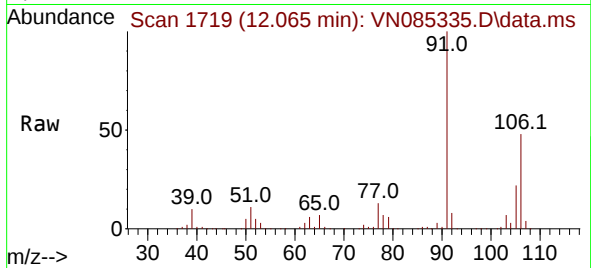




#68
m/p-Xylenes
Concen: 60.525 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

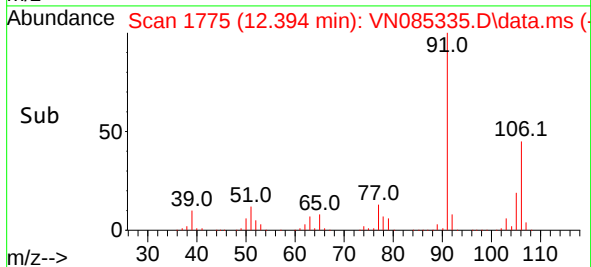
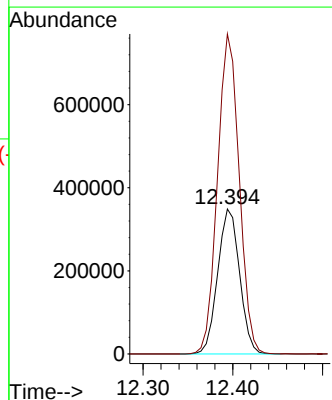
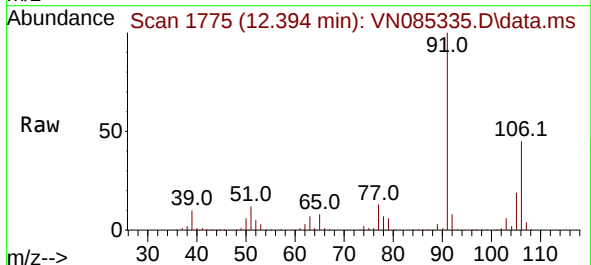
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

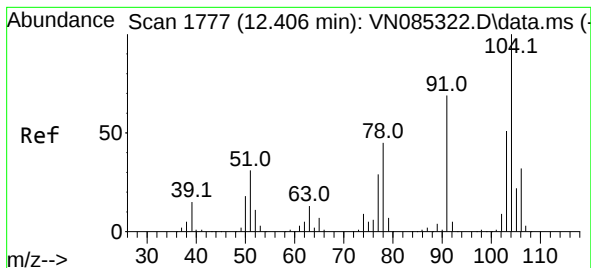
Tgt Ion:106 Resp: 198497
Ion Ratio Lower Upper
106 100
91 207.6 165.2 247.8



#69
o-Xylene
Concen: 186.356 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion:106 Resp: 591224
Ion Ratio Lower Upper
106 100
91 218.8 107.3 321.8





#70

Styrene

Concen: 5.720 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085335.D

Acq: 27 Dec 2024 19:06

Instrument :

MSVOA_N

ClientSampleId :

MOO-24-00398

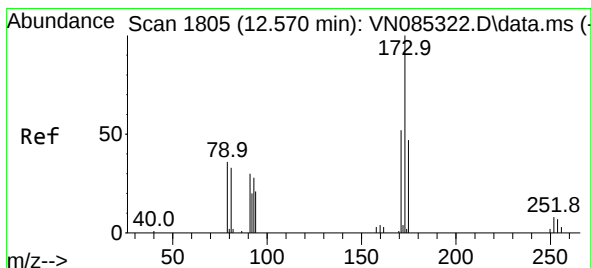
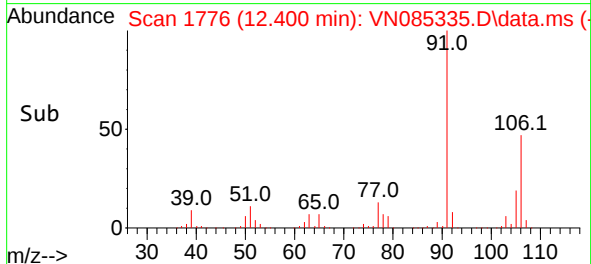
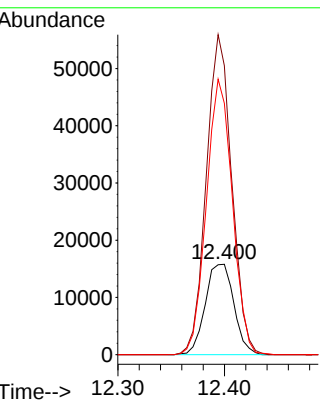
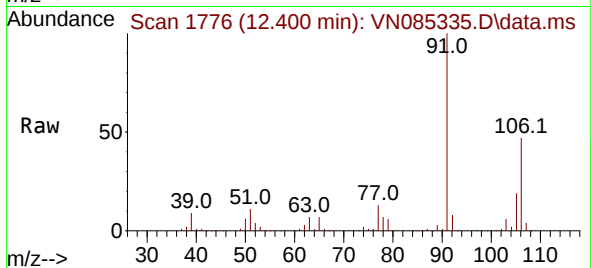
Tgt Ion:104 Resp: 29413

Ion Ratio Lower Upper

104 100

78 315.1 40.7 61.1#

103 277.7 44.1 66.1#



#71

Bromoform

Concen: 0.476 ug/l

RT: 12.835 min Scan# 1850

Delta R.T. 0.265 min

Lab File: VN085335.D

Acq: 27 Dec 2024 19:06

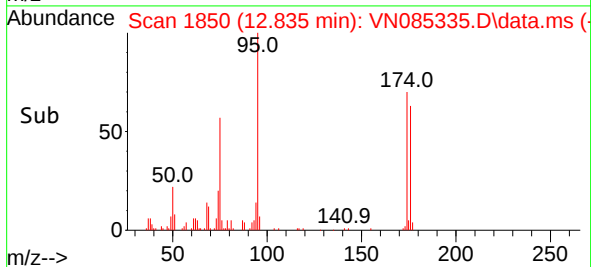
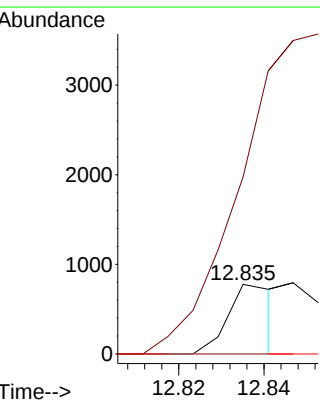
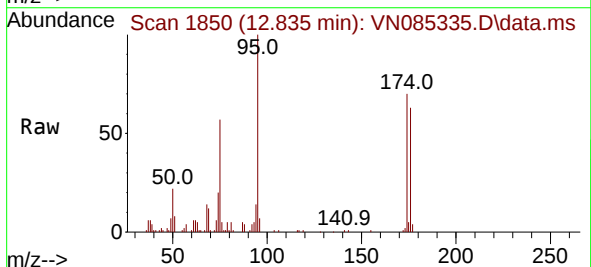
Tgt Ion:173 Resp: 596

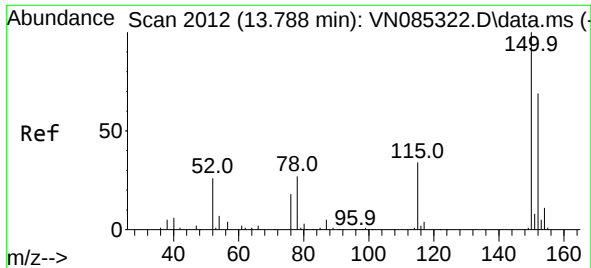
Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.4#

254 0.0 0.0 0.0

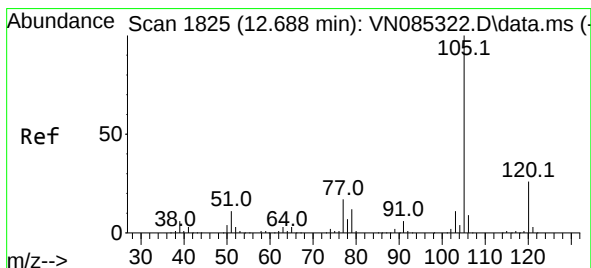
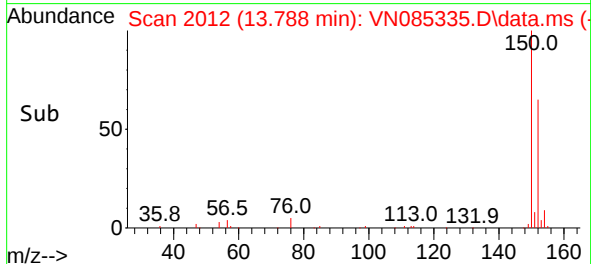
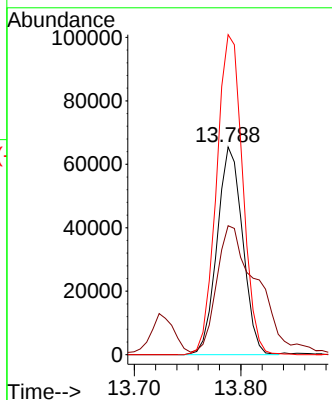
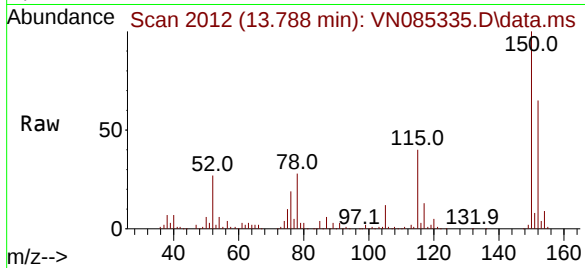




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

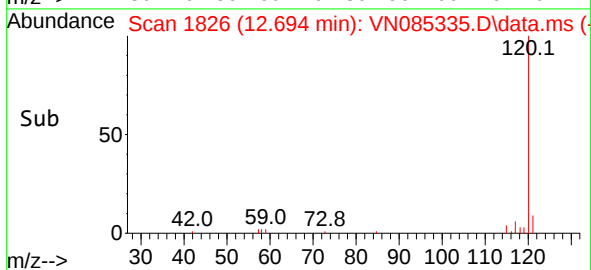
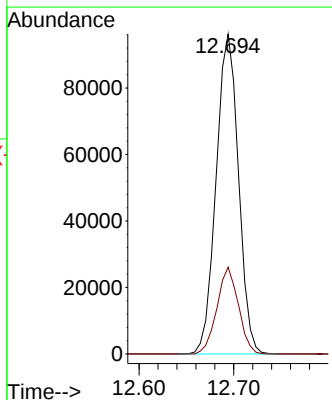
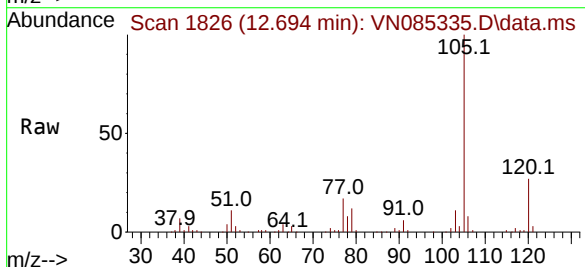
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

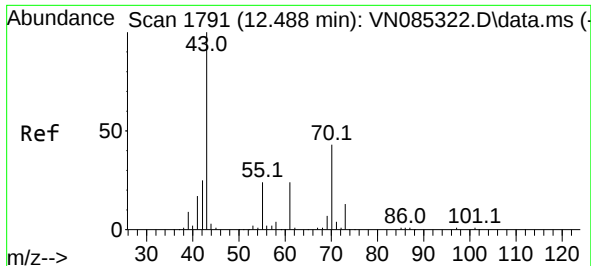
Tgt Ion:152 Resp: 109076
Ion Ratio Lower Upper
152 100
115 101.5 30.4 91.3#
150 157.5 0.0 345.0



#73
Isopropylbenzene
Concen: 20.105 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion:105 Resp: 157701
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

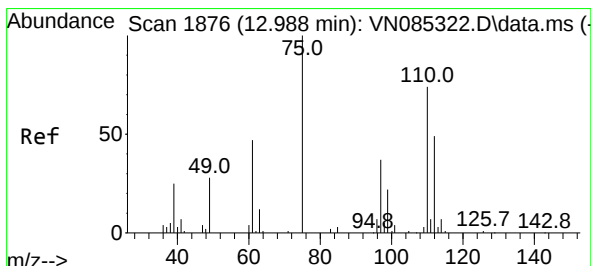
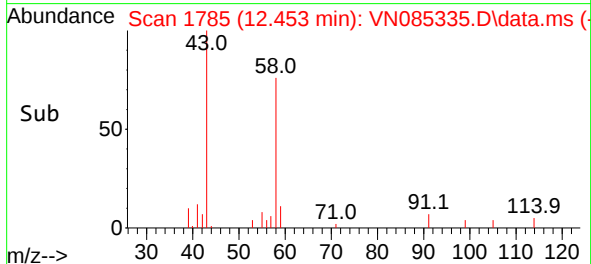
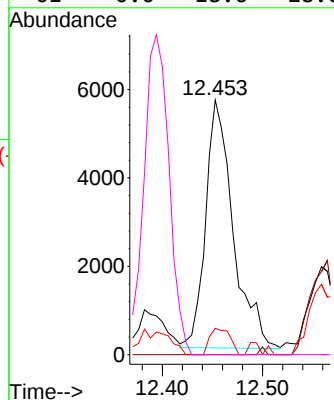
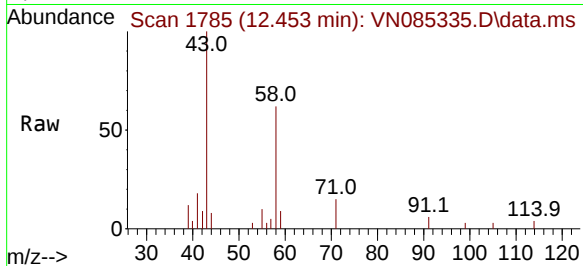




#74
N-amy1 acetate
Concen: 3.198 ug/l
RT: 12.453 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

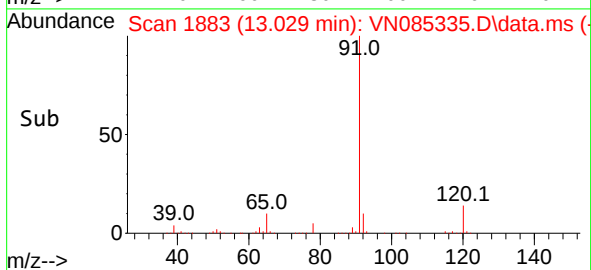
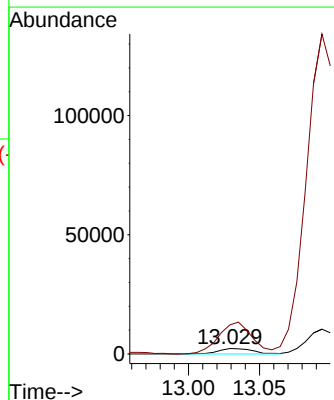
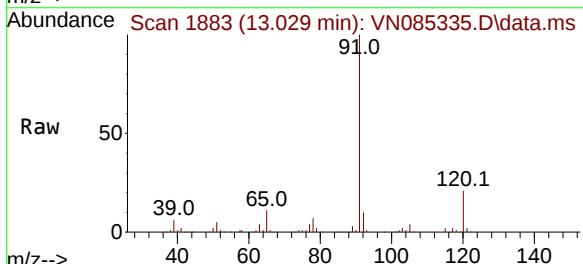
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

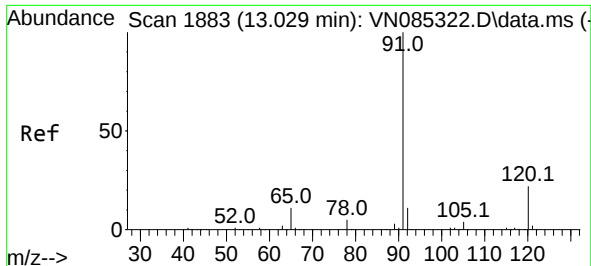
Tgt Ion: 43	Resp: 10737
Ion Ratio	Lower Upper
43 100	
70 0.0	33.4 50.0#
55 7.8	19.2 28.8#
61 0.0	18.6 28.0#



#76
1,2,3-Trichloropropane
Concen: 1.882 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.041 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 75	Resp: 3833		
Ion Ratio	Lower	Upper	
75 100			
77 569.7	98.1	294.3#	

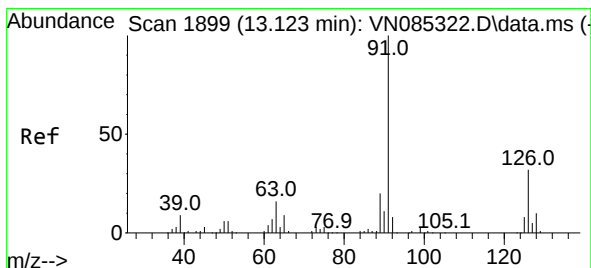
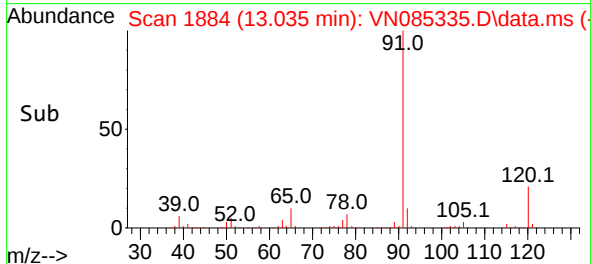
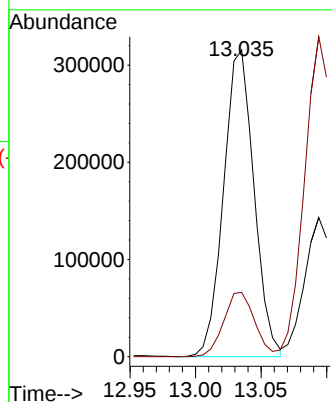
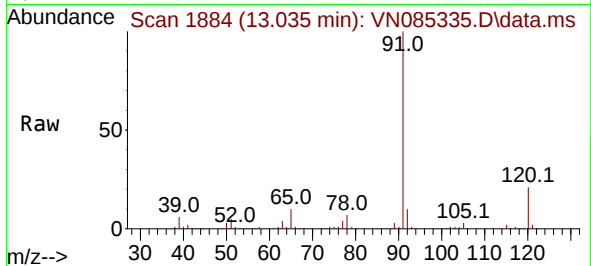




#78
n-propylbenzene
Concen: 55.652 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

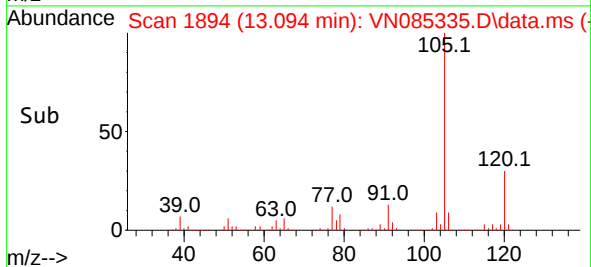
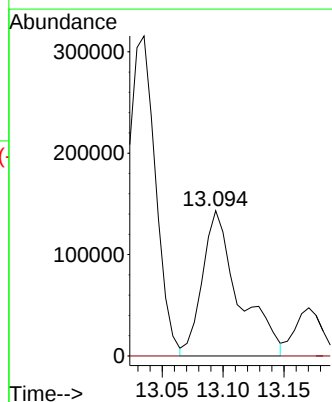
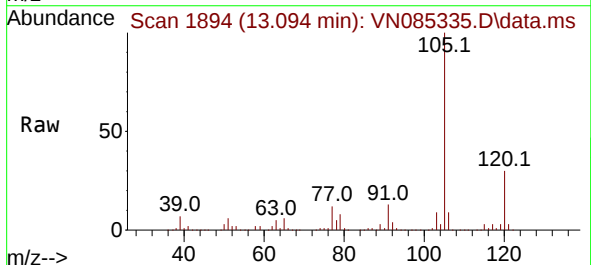
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

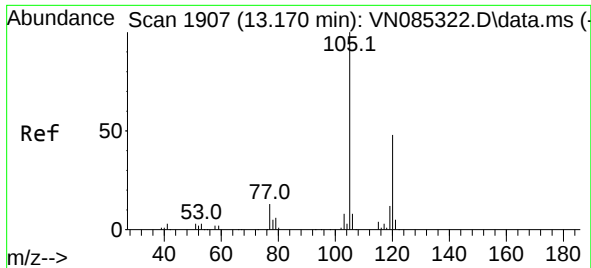
Tgt Ion: 91 Resp: 508829
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.9



#79
2-Chlorotoluene
Concen: 51.908 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.029 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 91 Resp: 298696
Ion Ratio Lower Upper
91 100
126 0.0 16.0 48.0#

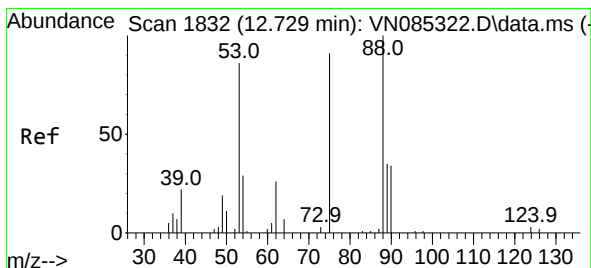
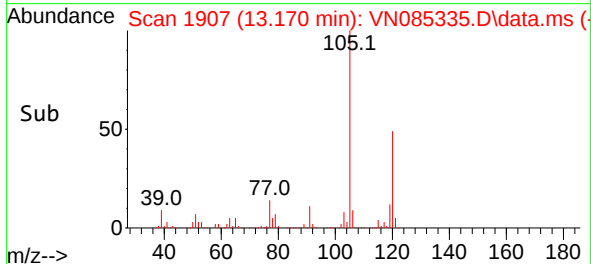
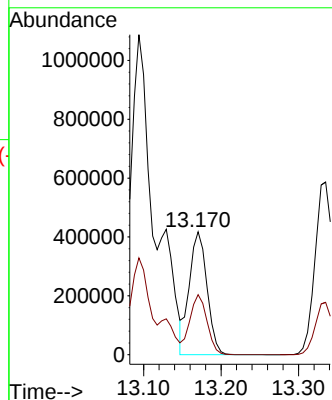
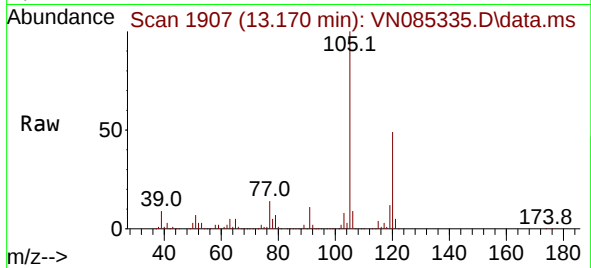




#80
1,3,5-Trimethylbenzene
Concen: 104.779 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

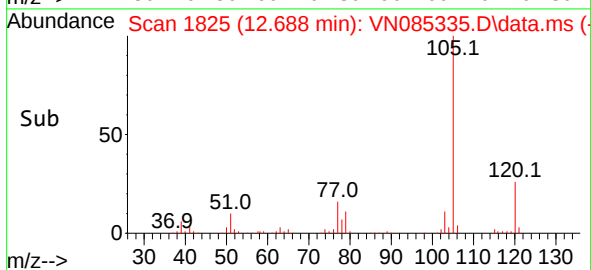
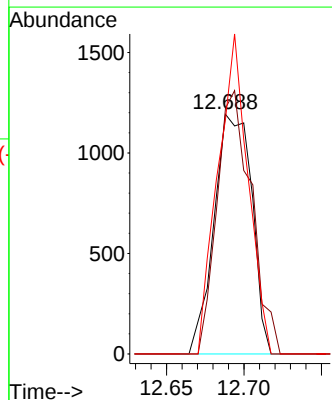
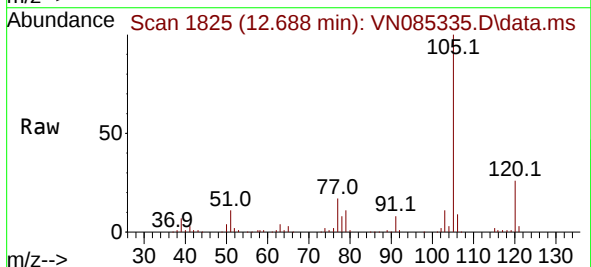
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

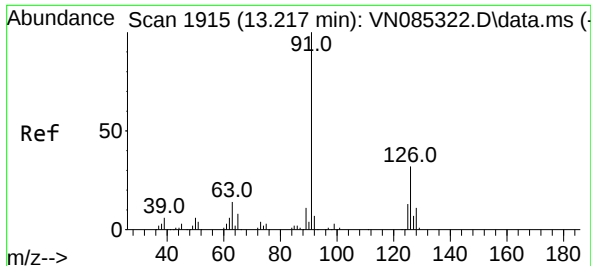
Tgt Ion:105 Resp: 664772
Ion Ratio Lower Upper
105 100
120 47.5 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 2.363 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.041 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 75 Resp: 2010
Ion Ratio Lower Upper
75 100
53 100.5 80.0 120.0
89 107.1 35.8 53.8#

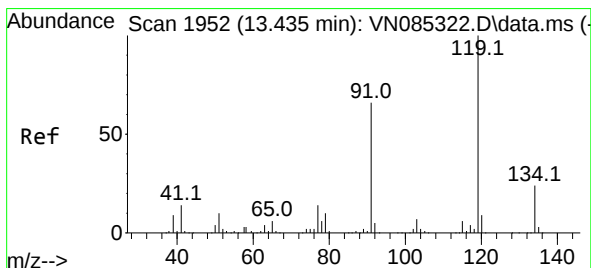
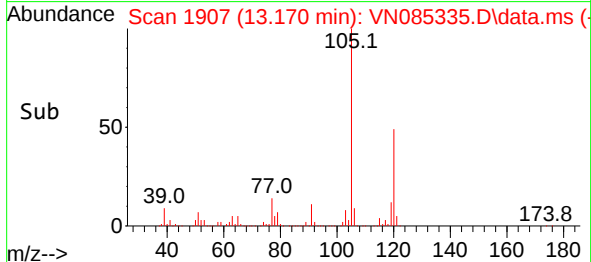
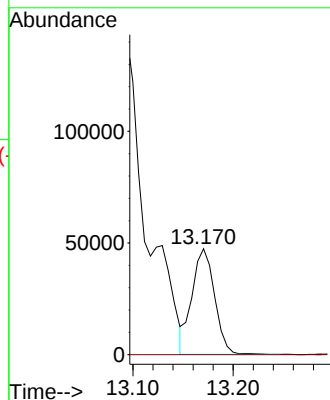
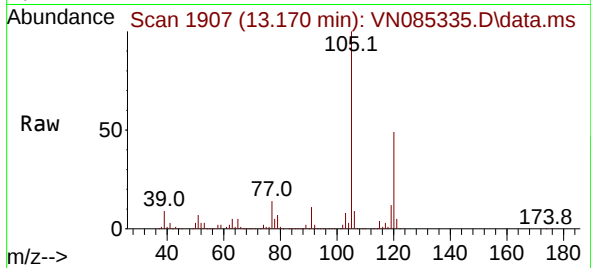




#82
4-Chlorotoluene
Concen: 12.751 ug/l
RT: 13.170 min Scan# 1915
Delta R.T. -0.047 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

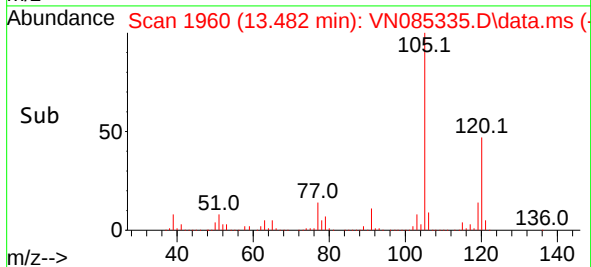
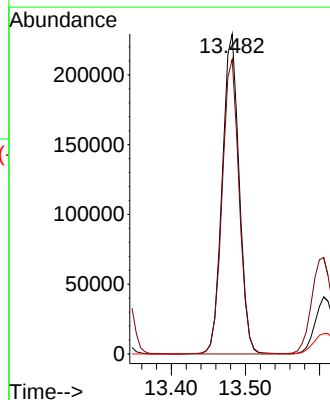
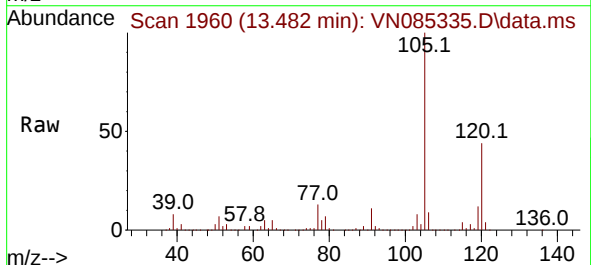
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

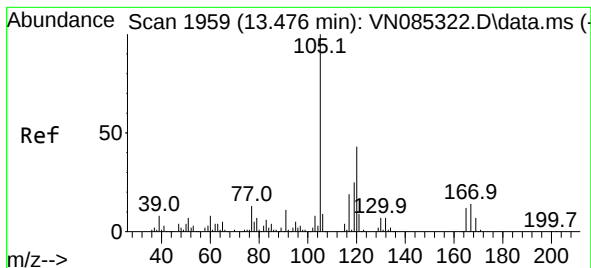
Tgt Ion: 91 Resp: 73898
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.4#



#83
tert-Butylbenzene
Concen: 65.921 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 119 Resp: 362293
Ion Ratio Lower Upper
119 100
91 93.1 33.6 100.8
134 0.0 13.3 39.8#





#84

1,2,4-Trimethylbenzene

Concen: 477.485 ug/l

RT: 13.482 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VN085335.D

Acq: 27 Dec 2024 19:06

Instrument :

MSVOA_N

ClientSampleId :

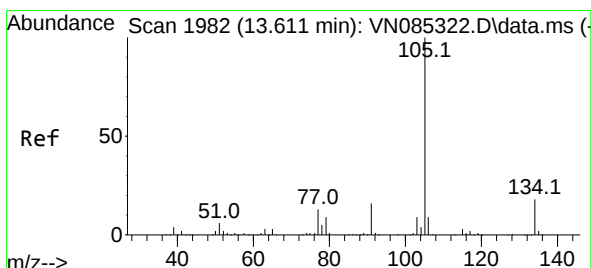
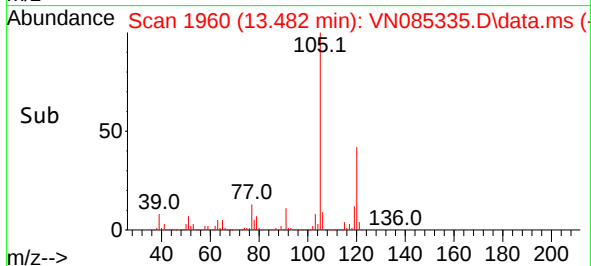
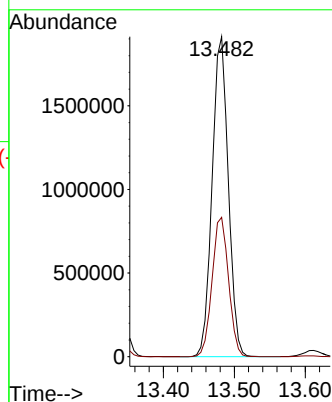
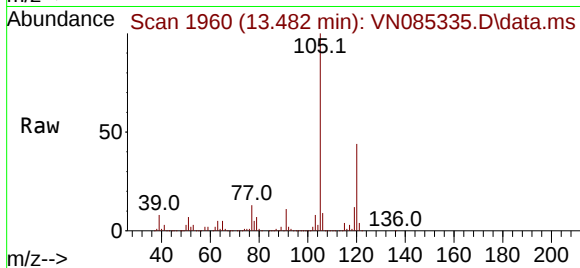
MOO-24-00398

Tgt Ion:105 Resp: 3016491

Ion Ratio Lower Upper

105 100

120 44.5 21.7 65.1



#85

sec-Butylbenzene

Concen: 395.415 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.129 min

Lab File: VN085335.D

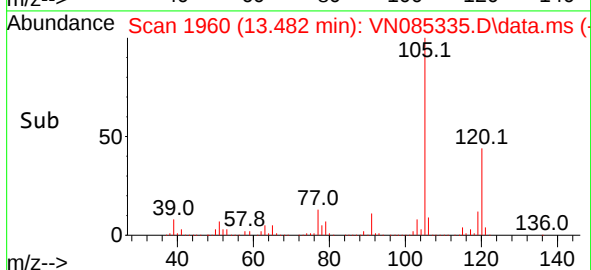
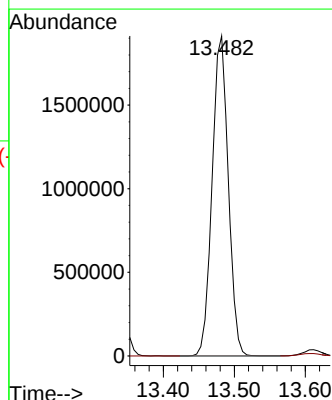
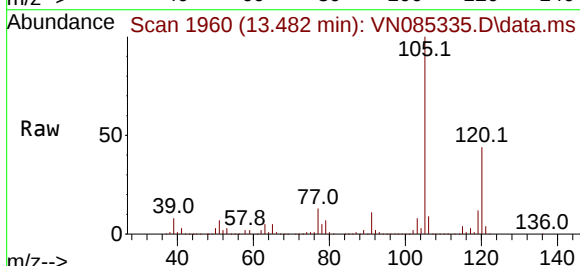
Acq: 27 Dec 2024 19:06

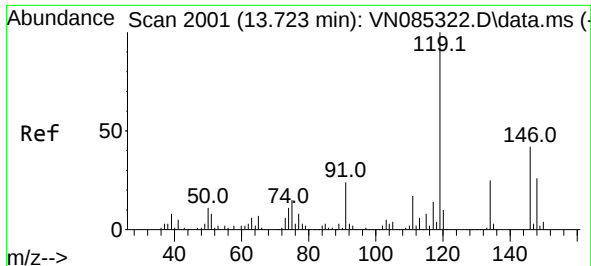
Tgt Ion:105 Resp: 3016491

Ion Ratio Lower Upper

105 100

134 0.0 9.4 28.3#

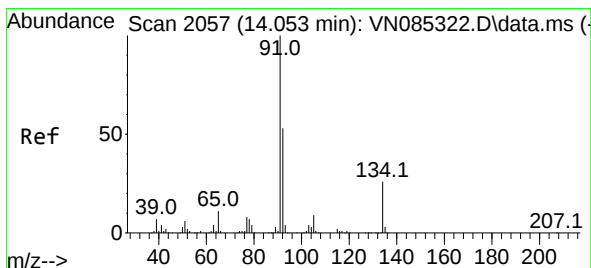
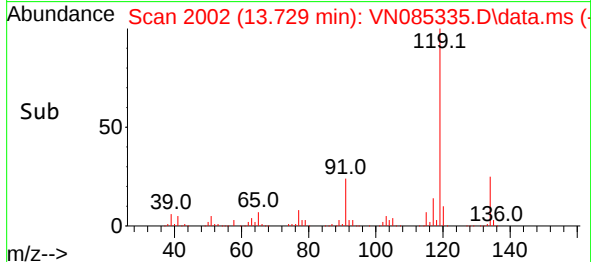
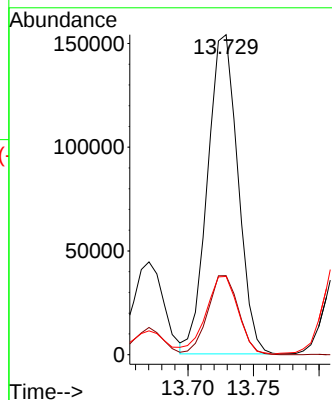
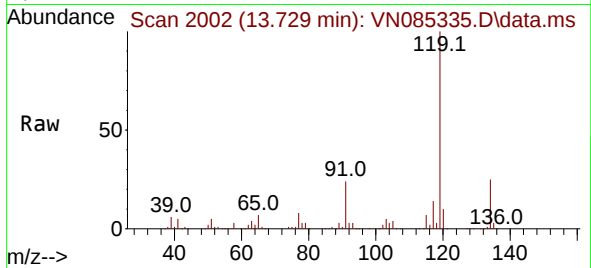




#86
p-Isopropyltoluene
Concen: 37.043 ug/l
RT: 13.729 min Scan# 2001
Delta R.T. 0.006 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

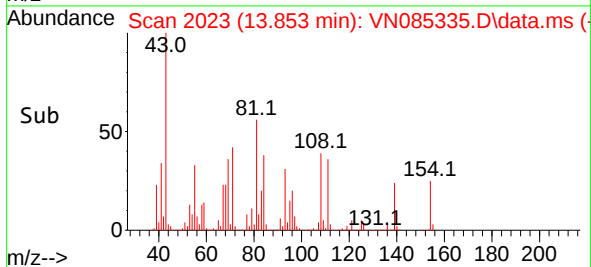
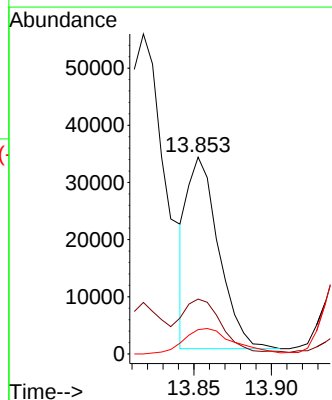
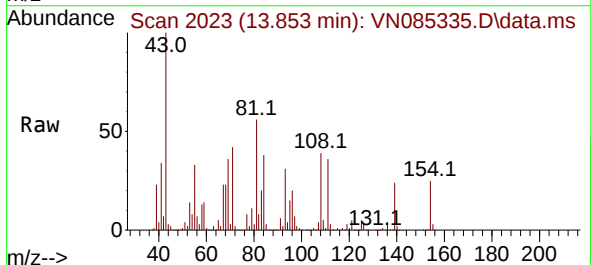
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00398

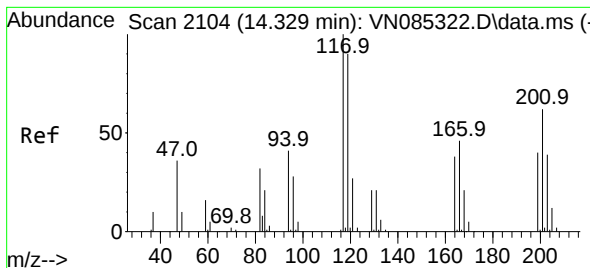
Tgt Ion:119 Resp: 248614
Ion Ratio Lower Upper
119 100
134 25.2 12.5 37.5
91 25.7 12.2 36.4



#89
n-Butylbenzene
Concen: 8.464 ug/l
RT: 13.853 min Scan# 2023
Delta R.T. -0.200 min
Lab File: VN085335.D
Acq: 27 Dec 2024 19:06

Tgt Ion: 91 Resp: 47280
Ion Ratio Lower Upper
91 100
92 37.3 26.0 78.0
134 20.9 12.1 36.3





#90

Hexachloroethane

Concen: 4.007 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085335.D

Acq: 27 Dec 2024 19:06

Instrument :

MSVOA_N

ClientSampleId :

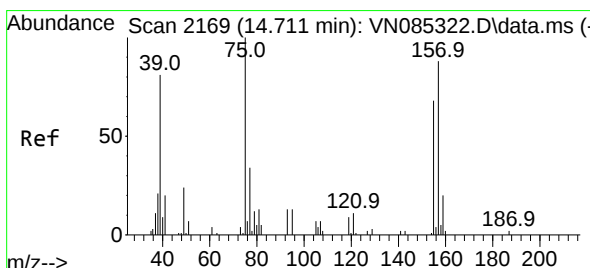
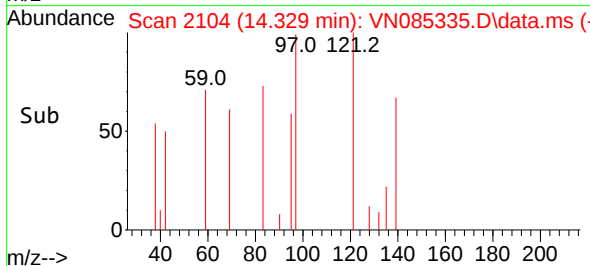
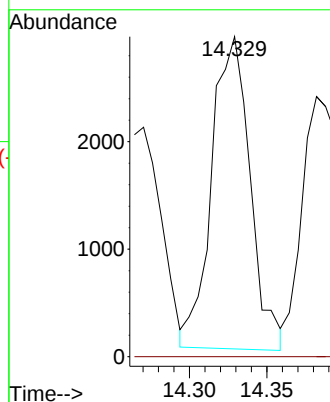
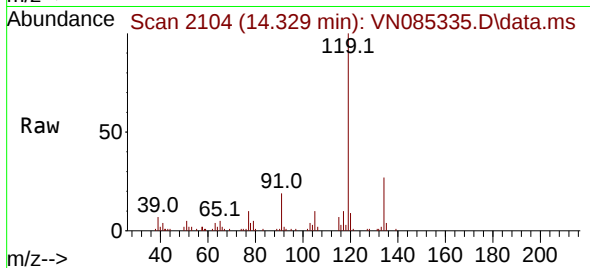
MOO-24-00398

Tgt Ion:117 Resp: 5010

Ion Ratio Lower Upper

117 100

201 0.0 30.7 92.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.277 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.018 min

Lab File: VN085335.D

Acq: 27 Dec 2024 19:06

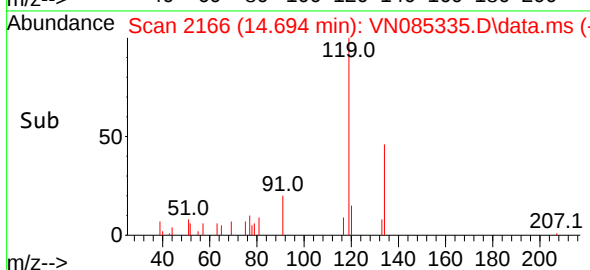
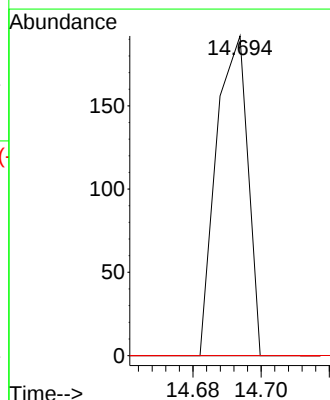
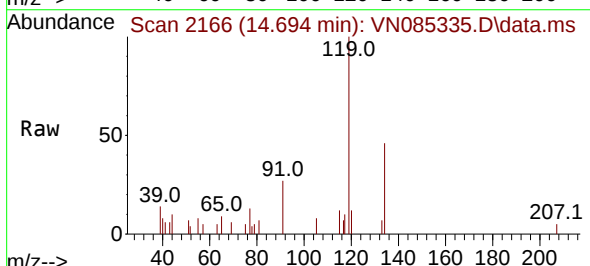
Tgt Ion: 75 Resp: 123

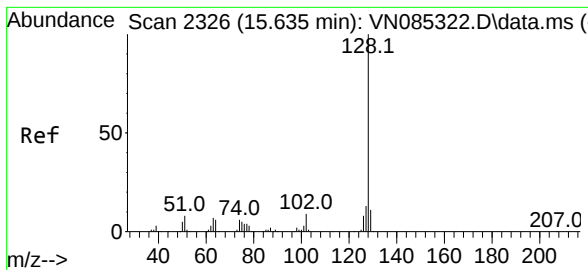
Ion Ratio Lower Upper

75 100

155 0.0 35.6 106.9#

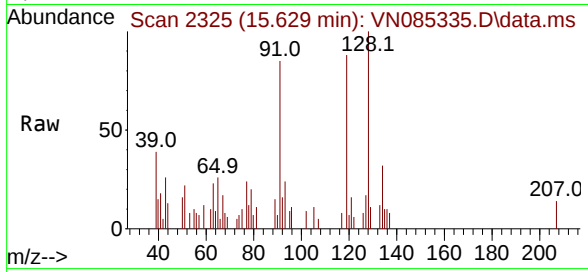
157 0.0 47.0 141.0#





#95
 Naphthalene
 Concen: 1.106 ug/l
 RT: 15.629 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN085335.D
 Acq: 27 Dec 2024 19:06

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-24-00398



Tgt Ion:	128	Resp:	6279
Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.6	16.0
129	11.1	8.5	12.7

