

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
 Data File : VN085146.D
 Acq On : 09 Dec 2024 12:33
 Operator : JC\MD
 Sample : P5133-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-24-00374

Quant Time: Dec 10 04:59:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	152819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106396	48.877	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.760%
35) Dibromofluoromethane	8.165	113	88354	49.993	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.980%
50) Toluene-d8	10.565	98	321039	50.688	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.380%
62) 4-Bromofluorobenzene	12.847	95	113743	48.022	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.040%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	823	0.411	ug/l #	40
5) Bromomethane	2.977	94	809	0.801	ug/l #	66
6) Chloroethane	3.059	64	423	0.348	ug/l #	44
10) Methyl Iodide	4.589	142	1952	0.849	ug/l #	84
11) Tert butyl alcohol	5.524	59	5390	18.529	ug/l #	84
13) Acrolein	4.183	56	4578	23.586	ug/l	97
16) Acetone	4.424	43	23347174	36827.108	ug/l	98
17) Carbon Disulfide	4.718	76	1434	0.300	ug/l #	77
18) Methyl Acetate	5.018	43	2143	Below Cal	#	88
20) Methylene Chloride	5.271	84	1539	0.796	ug/l #	84
25) 2-Butanone	7.488	43	15005	14.477	ug/l	97
29) Tetrahydrofuran	7.841	42	748	1.160	ug/l #	58
31) Cyclohexane	8.218	56	6405	2.209	ug/l #	63
36) 1,1-Dichloropropene	8.224	75	12592	5.260	ug/l #	50
37) Ethyl Acetate	7.553	43	4500	2.068	ug/l #	80
38) Carbon Tetrachloride	8.224	117	16606	6.010	ug/l #	16
39) Methylcyclohexane	9.600	83	618	0.248	ug/l #	52
40) Benzene	8.600	78	1677	0.221	ug/l	93
41) Methacrylonitrile	7.783	41	330	0.274	ug/l #	23
43) Isopropyl Acetate	8.688	43	104408	23.097	ug/l #	92
48) Methyl methacrylate	9.653	41	72908	43.342	ug/l #	39
49) 1,4-Dioxane	9.735	88	136	4.662	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	27988	13.555	ug/l	89
52) Toluene	10.629	92	2067953	461.376	ug/l	100
53) t-1,3-Dichloropropene	10.624	75	25250	9.171	ug/l #	1
54) cis-1,3-Dichloropropene	10.353	75	32380	11.085	ug/l #	60
57) 1,3-Dichloropropane	11.200	76	4118	1.401	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.159	63	853	0.713	ug/l #	58
59) 2-Hexanone	11.200	43	47931	31.039	ug/l #	60
67) Ethyl Benzene	11.965	91	5288	0.614	ug/l	98
68) m/p-Xylenes	12.065	106	8197	2.500	ug/l	97
69) o-Xylene	12.394	106	7416	2.378	ug/l	97
70) Styrene	12.406	104	1125	0.217	ug/l #	1
73) Isopropylbenzene	12.694	105	4026	0.551	ug/l	90
74) N-amyl acetate	12.453	43	4896	1.627	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	58457	31.048	ug/l #	1

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

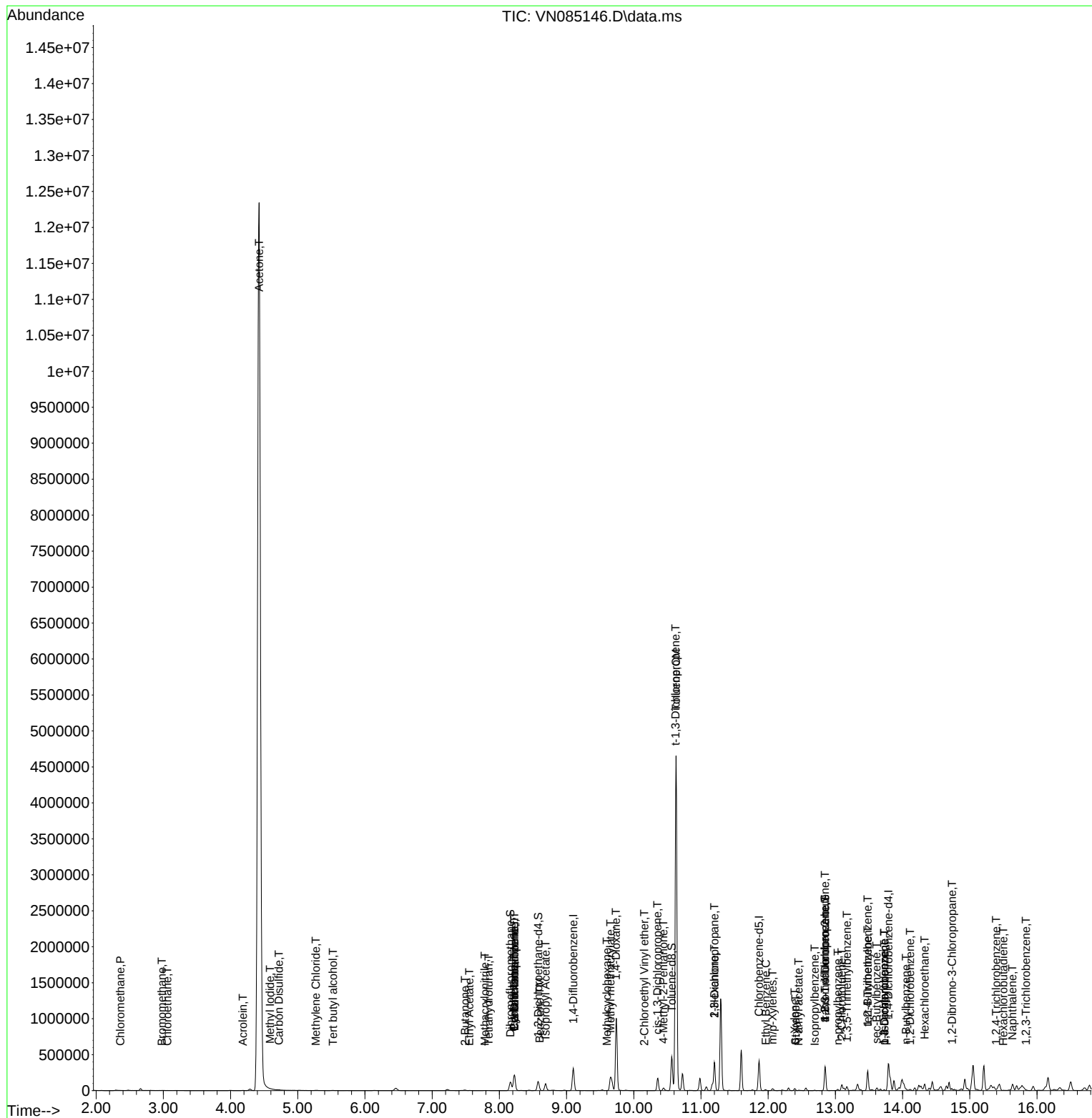
78) n-propylbenzene	13.035	91	13879	1.648	ug/l	98
79) 2-Chlorotoluene	13.094	91	6437	1.145	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.170	105	29862	4.873	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.847	75	58457	68.541	ug/l #	10
83) tert-Butylbenzene	13.482	119	19673	3.731	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.482	105	152954	24.250	ug/l	98
85) sec-Butylbenzene	13.612	105	7996	1.123	ug/l	92
86) p-Isopropyltoluene	13.729	119	5964	1.014	ug/l	94
87) 1,3-Dichlorobenzene	13.729	146	798	0.206	ug/l	91
88) 1,4-Dichlorobenzene	13.729	146	798	0.202	ug/l	92
89) n-Butylbenzene	14.053	91	10027	1.834	ug/l #	79
90) Hexachloroethane	14.329	117	4602	3.591	ug/l #	14
91) 1,2-Dichlorobenzene	14.112	146	916	0.247	ug/l	76
92) 1,2-Dibromo-3-Chloropr...	14.735	75	119	0.247	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.394	180	1252	0.620	ug/l #	59
94) Hexachlorobutadiene	15.500	225	544	0.584	ug/l	87
95) Naphthalene	15.635	128	81372	14.159	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	1659	0.862	ug/l #	83

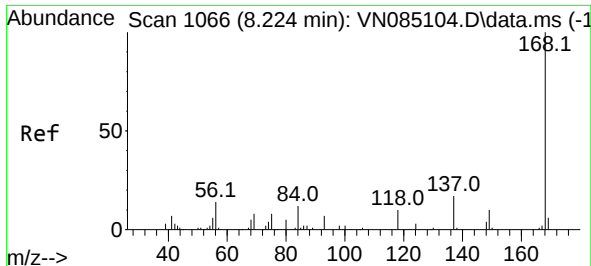
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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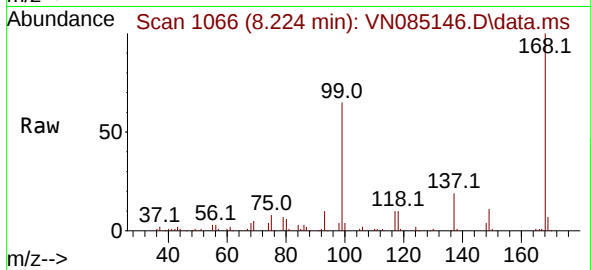
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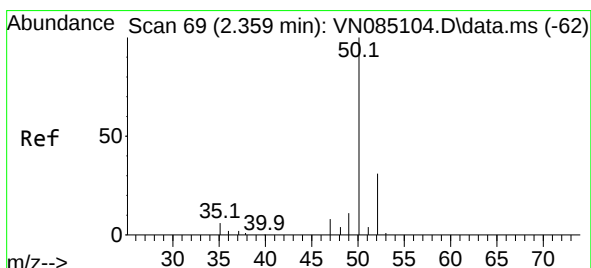
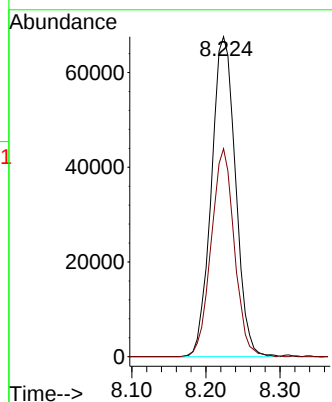
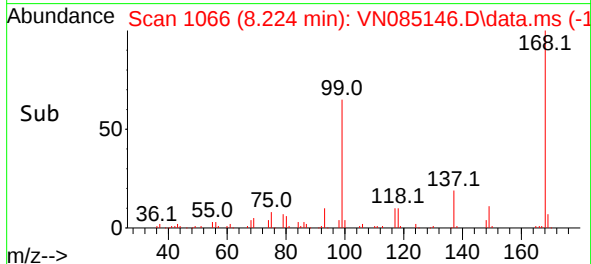


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

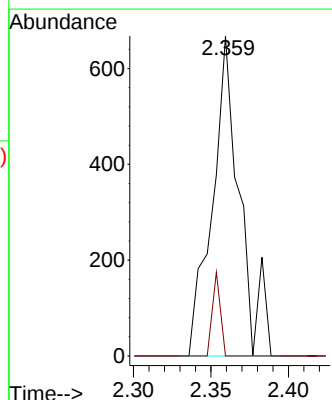
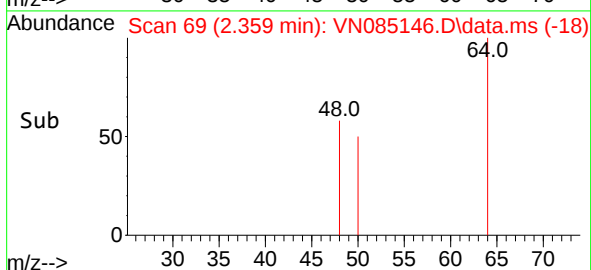
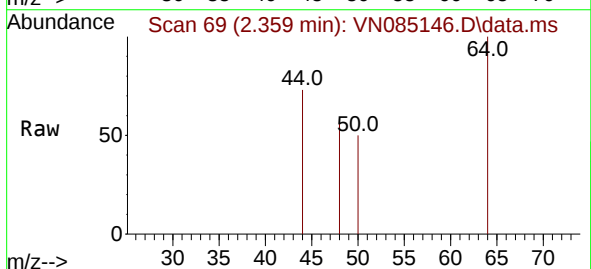


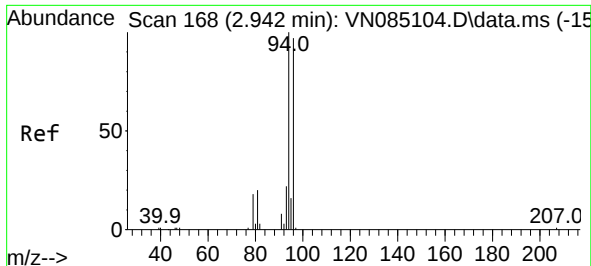
Tgt Ion:168 Resp: 152819
Ion Ratio Lower Upper
168 100
99 65.0 51.2 76.8



#3
Chloromethane
Concen: 0.411 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 50 Resp: 823
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

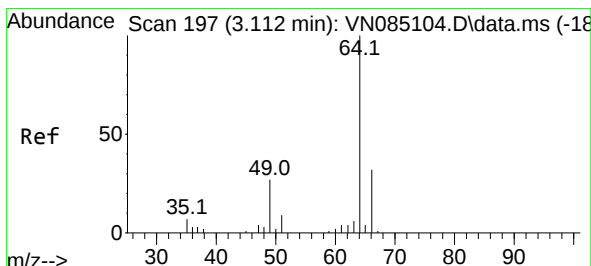
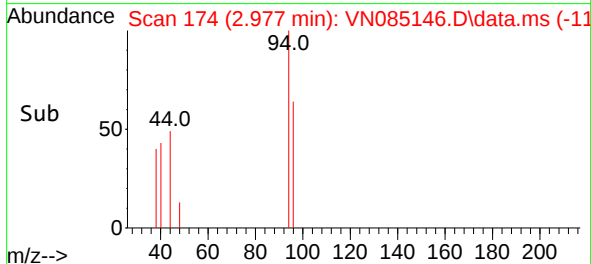
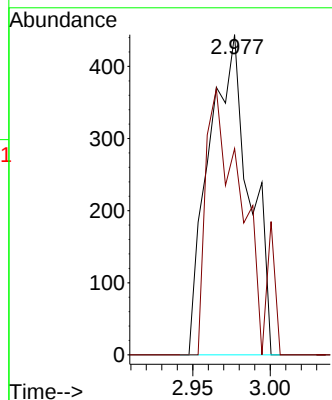
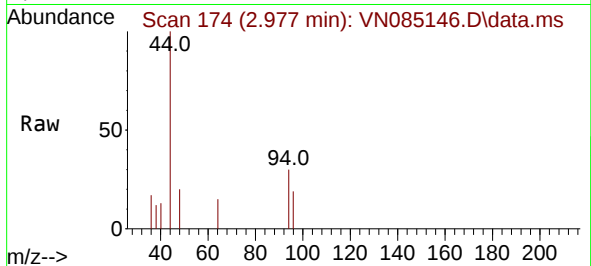




#5
Bromomethane
Concen: 0.801 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.076 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

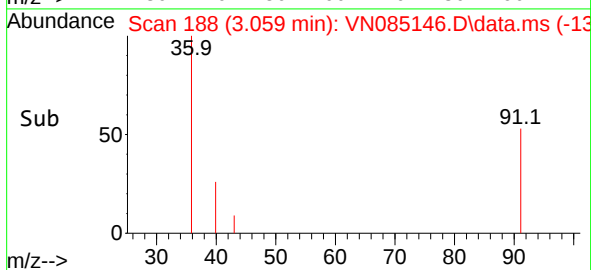
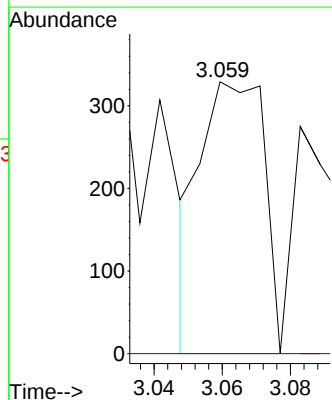
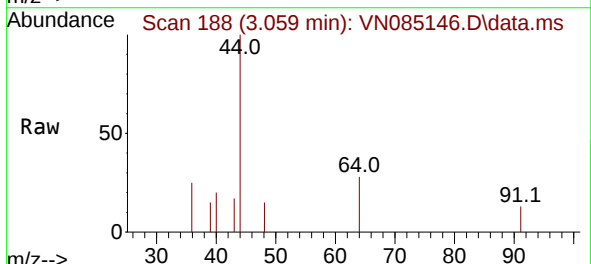
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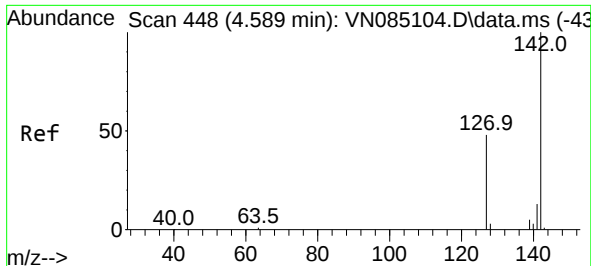
Tgt Ion: 94 Resp: 809
Ion Ratio Lower Upper
94 100
96 64.4 78.7 118.1#



#6
Chloroethane
Concen: 0.348 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 64 Resp: 423
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#

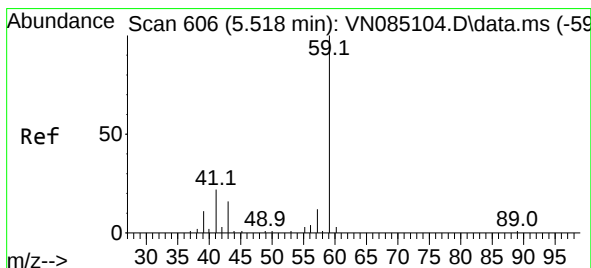
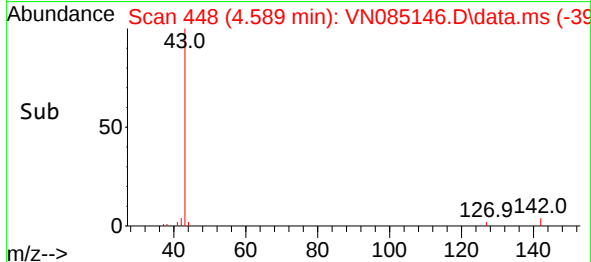
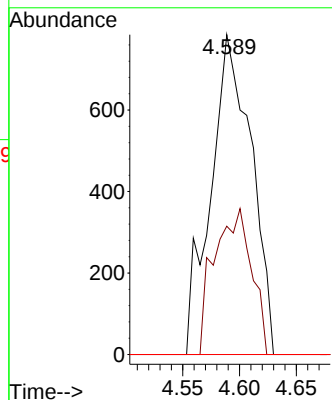
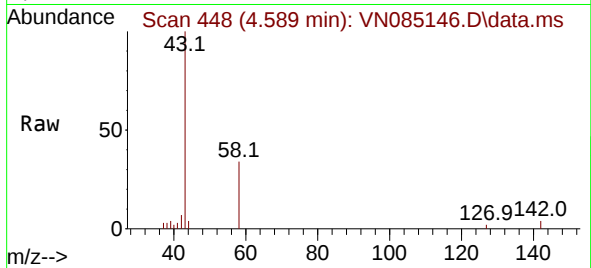




#10
Methyl Iodide
Concen: 0.849 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.018 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

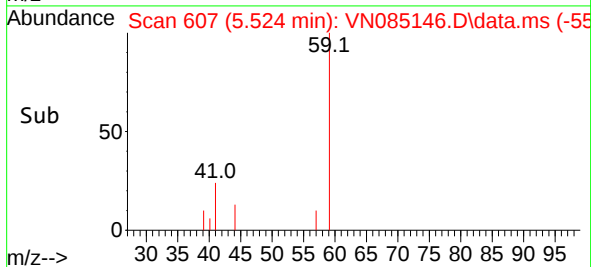
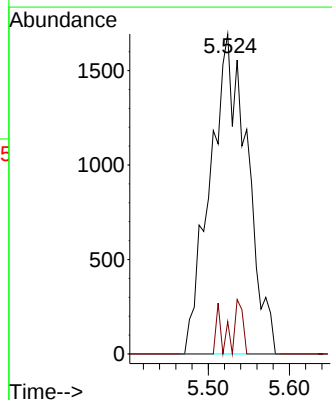
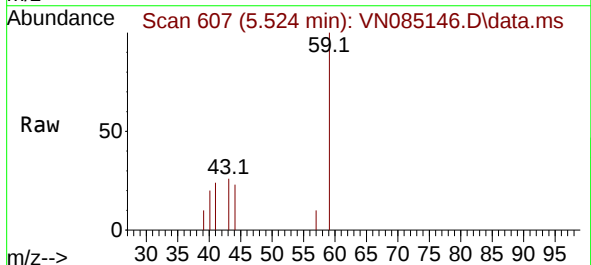
Instrument :
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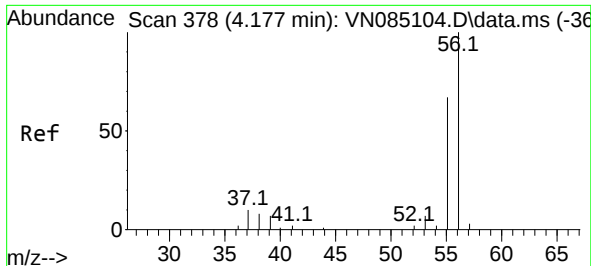
Tgt Ion:142 Resp: 1952
Ion Ratio Lower Upper
142 100
127 40.1 36.6 54.8
141 0.0 12.2 18.4#



#11
Tert butyl alcohol
Concen: 18.529 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.018 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 59 Resp: 5390
Ion Ratio Lower Upper
59 100
57 3.4 7.4 11.0#





#13

Acrolein

Concen: 23.586 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.018 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

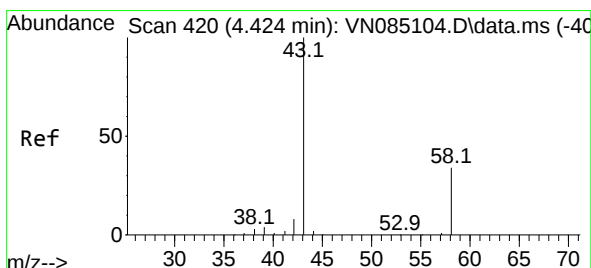
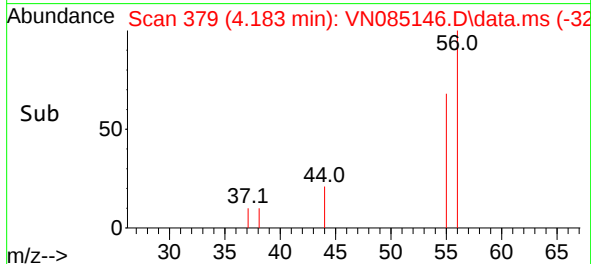
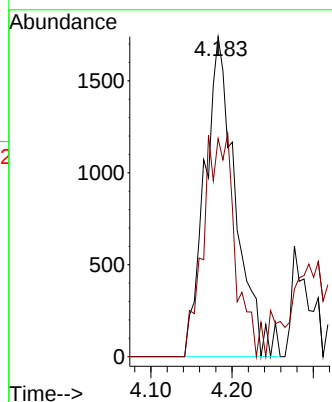
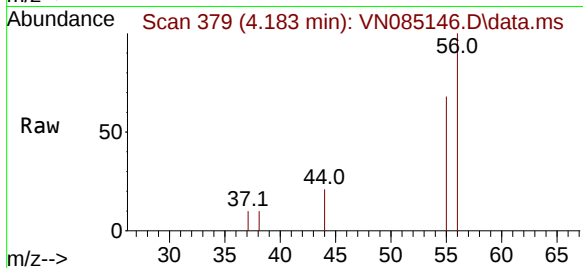
MOO-24-00374

Tgt Ion: 56 Resp: 4578

Ion Ratio Lower Upper

56 100

55 70.4 54.5 81.7



#16

Acetone

Concen: 36827.108 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.000 min

Lab File: VN085146.D

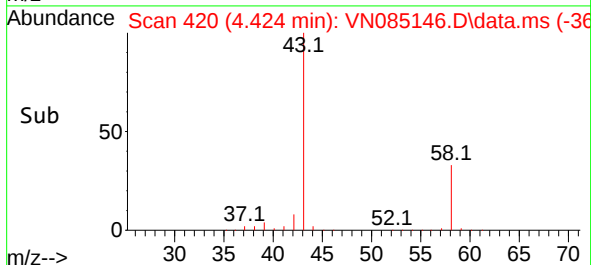
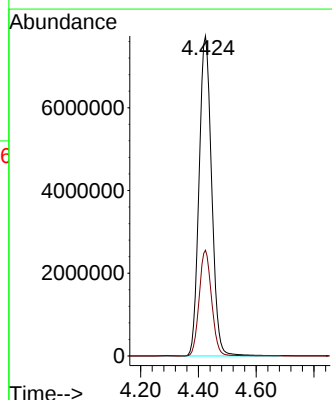
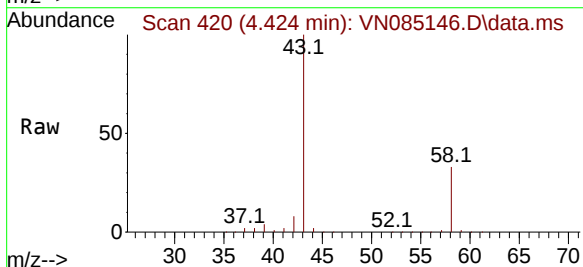
Acq: 09 Dec 2024 12:33

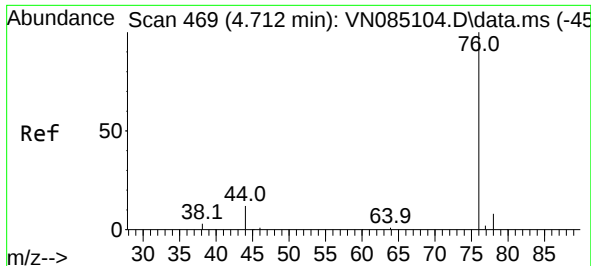
Tgt Ion: 43 Resp: 23347174

Ion Ratio Lower Upper

43 100

58 33.0 25.4 38.2

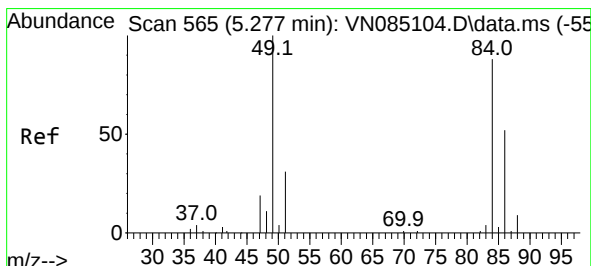
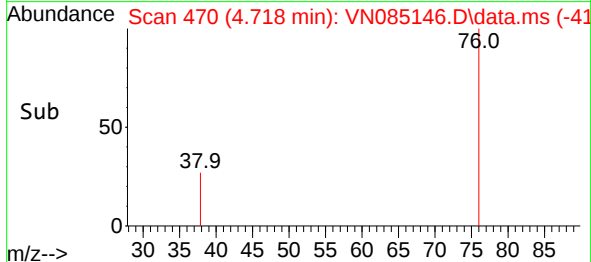
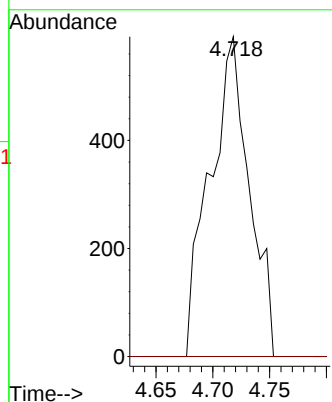
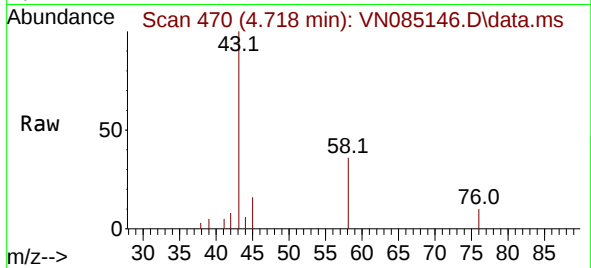




#17
Carbon Disulfide
Concen: 0.300 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.023 min
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Acq: 09 Dec 2024 12:33

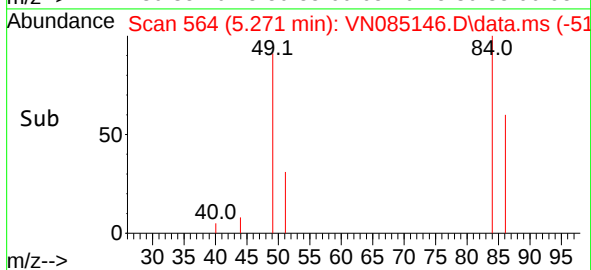
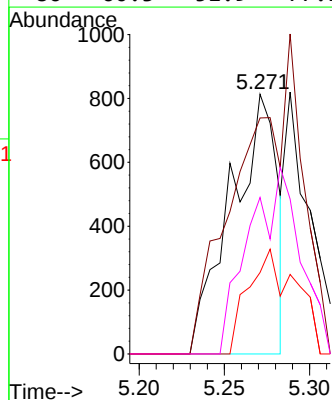
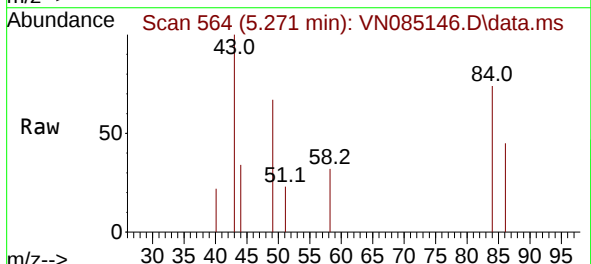
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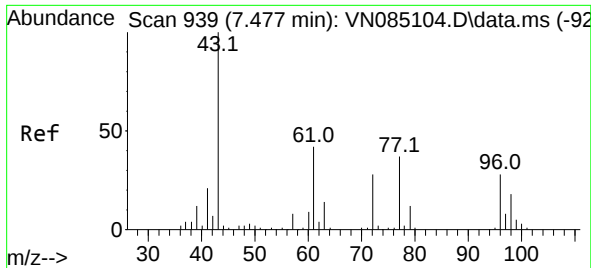
Tgt Ion: 76 Resp: 1434
Ion Ratio Lower Upper
76 100
78 0.0 6.5 9.7#



#20
Methylene Chloride
Concen: 0.796 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 84 Resp: 1539
Ion Ratio Lower Upper
84 100
49 90.9 92.7 139.1#
51 31.4 29.4 44.2
86 60.3 51.9 77.9

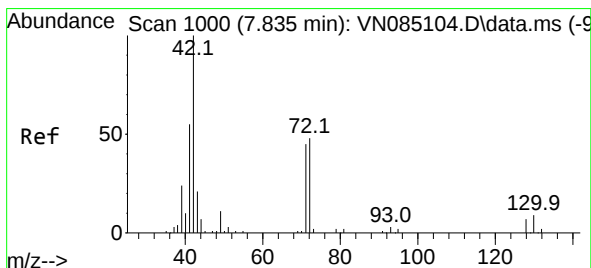
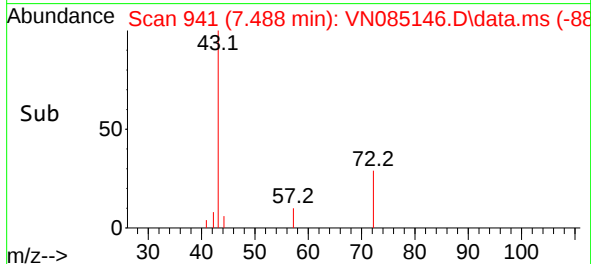
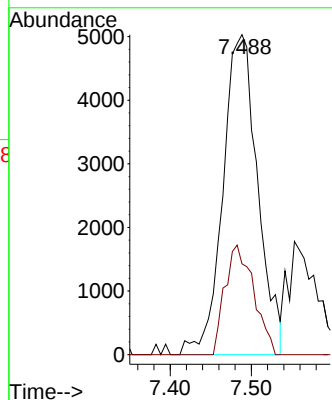
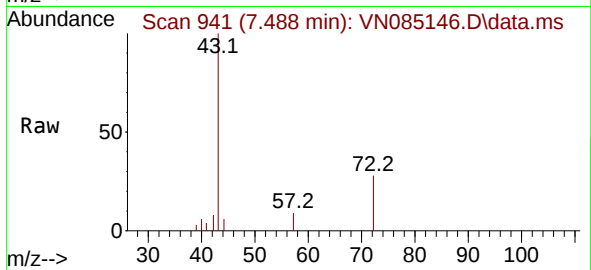




#25
2-Butanone
Concen: 14.477 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085146.D
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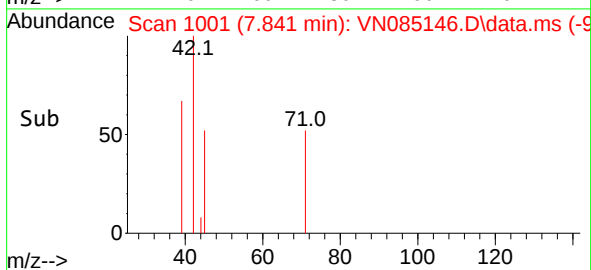
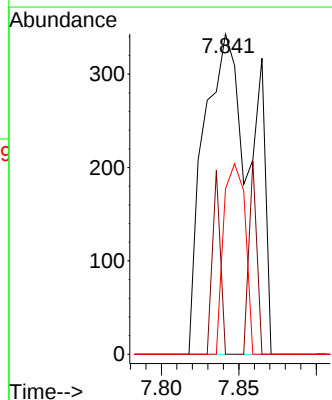
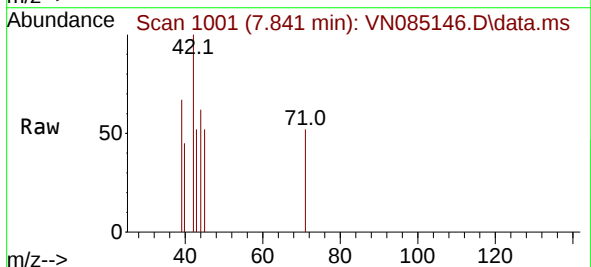
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MSVOA_N
ClientSampleId :
MOO-24-00374

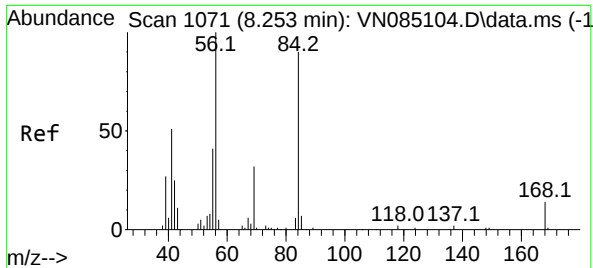
Tgt Ion: 43 Resp: 15005
Ion Ratio Lower Upper
43 100
72 28.4 21.4 32.0



#29
Tetrahydrofuran
Concen: 1.160 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 42 Resp: 748
Ion Ratio Lower Upper
42 100
72 9.2 37.0 55.4#
71 26.2 35.0 52.4#

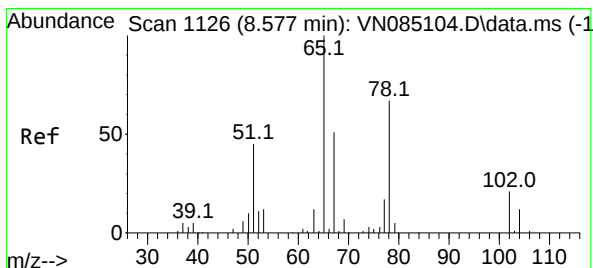
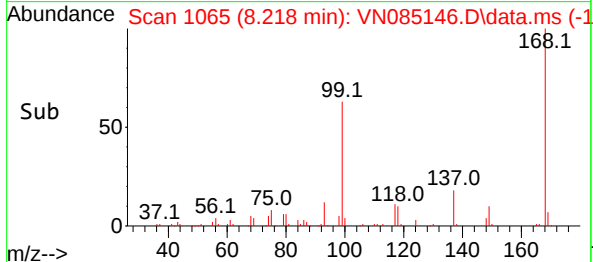
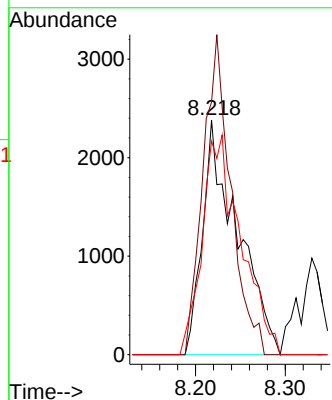
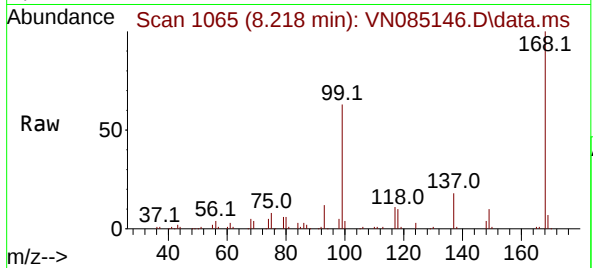




#31
Cyclohexane
Concen: 2.209 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

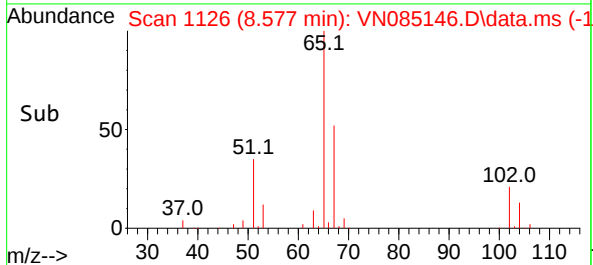
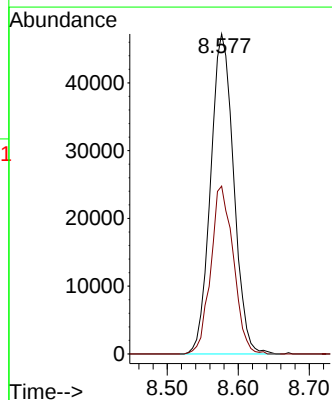
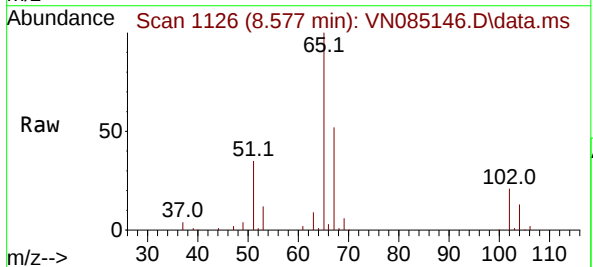
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

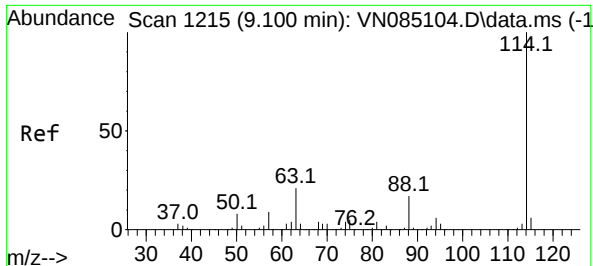
Tgt Ion: 56 Resp: 6405
Ion Ratio Lower Upper
56 100
69 107.6 24.6 36.8#
84 91.1 71.4 107.2



#33
1,2-Dichloroethane-d4
Concen: 48.877 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 65 Resp: 106396
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

MOO-24-00374

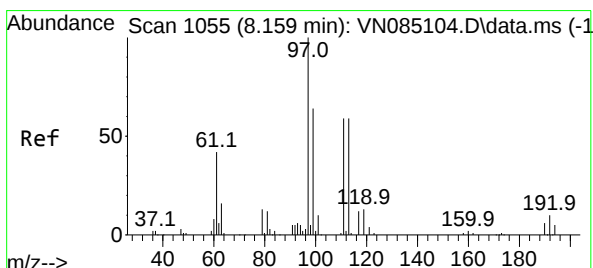
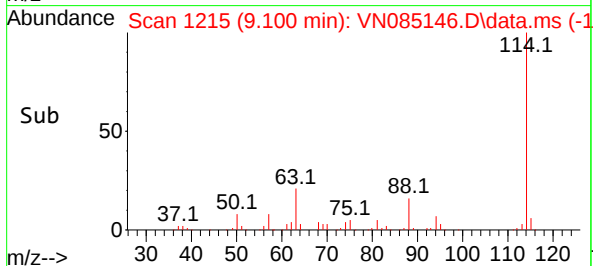
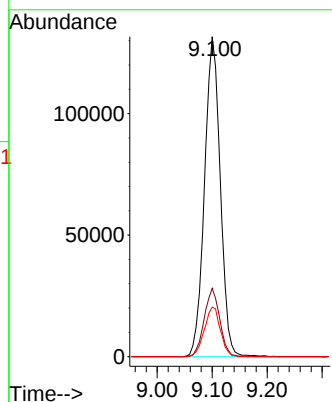
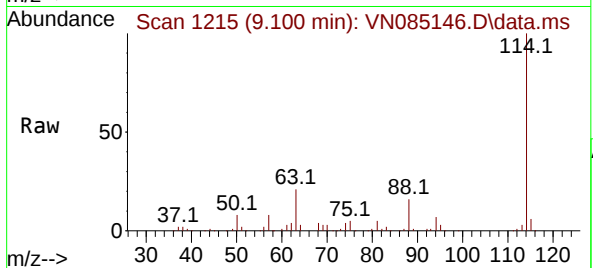
Tgt Ion:114 Resp: 262071

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.0

88 15.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.993 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

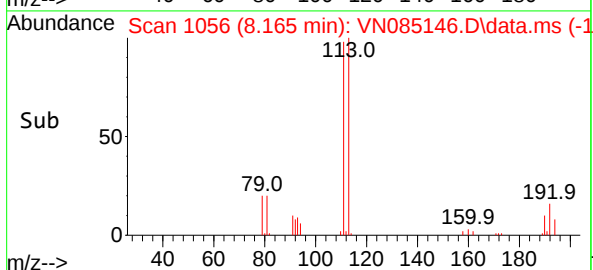
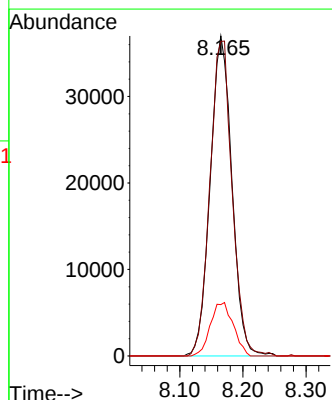
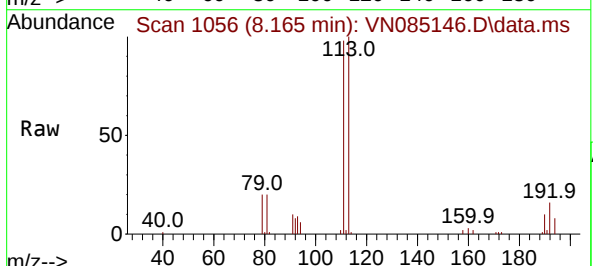
Tgt Ion:113 Resp: 88354

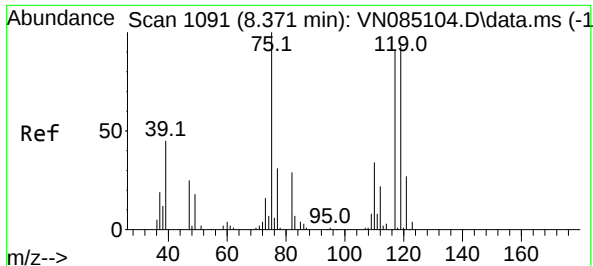
Ion Ratio Lower Upper

113 100

111 100.6 82.0 123.0

192 17.6 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.260 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085146.D

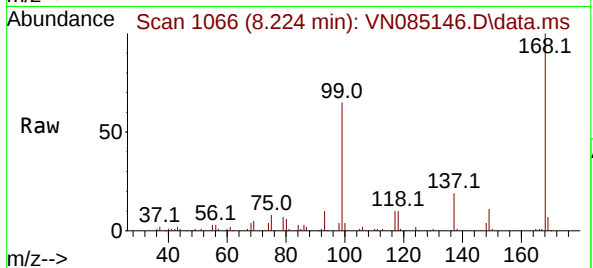
Acq: 09 Dec 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

MOO-24-00374



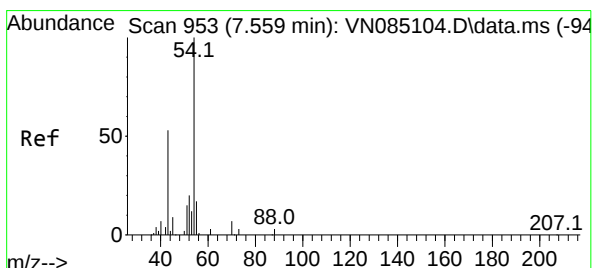
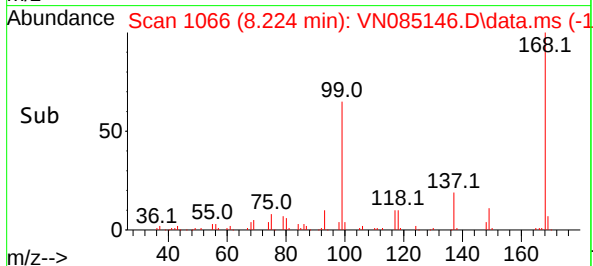
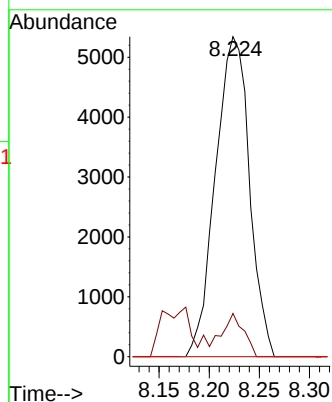
Tgt Ion: 75 Resp: 12592

Ion Ratio Lower Upper

75 100

110 8.7 17.2 51.6#

77 0.0 24.2 36.4#



#37

Ethyl Acetate

Concen: 2.068 ug/l

RT: 7.553 min Scan# 952

Delta R.T. -0.000 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

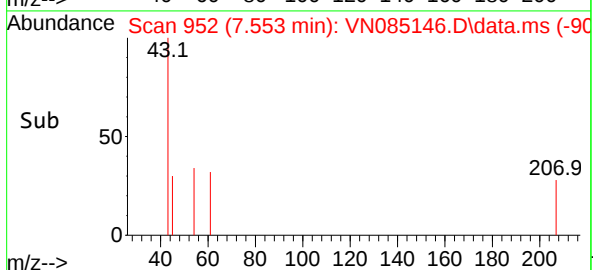
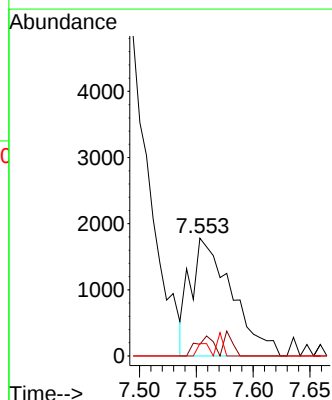
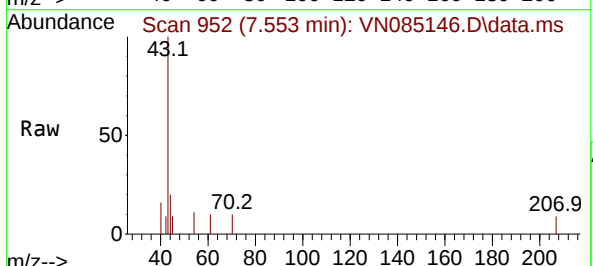
Tgt Ion: 43 Resp: 4500

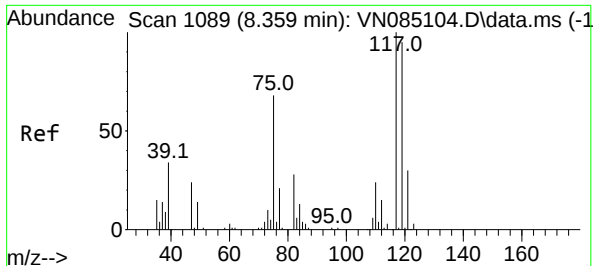
Ion Ratio Lower Upper

43 100

61 7.0 11.7 17.5#

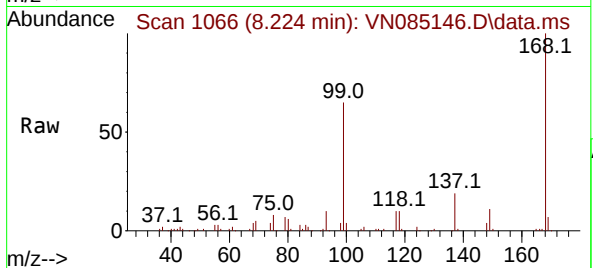
70 2.9 9.3 13.9#



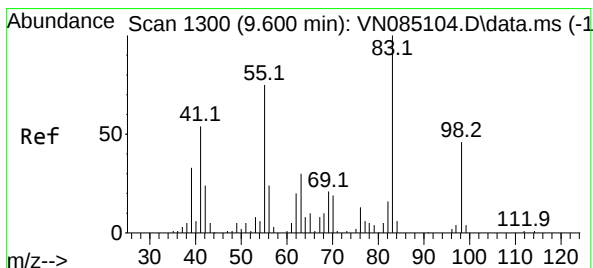
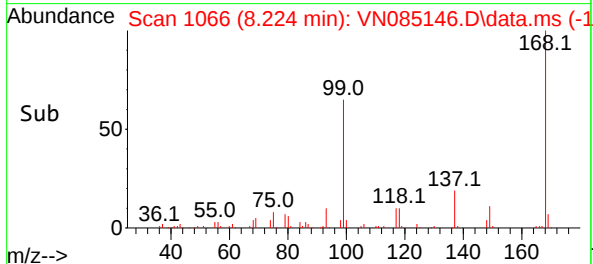
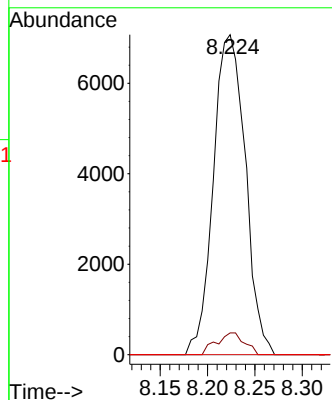


#38
Carbon Tetrachloride
Concen: 6.010 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.130 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

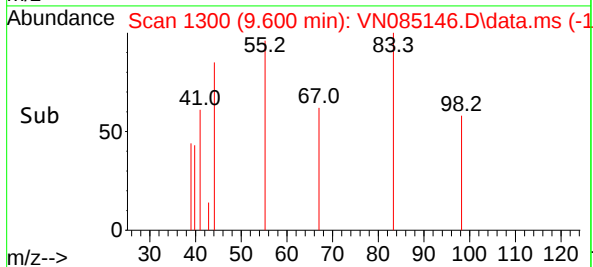
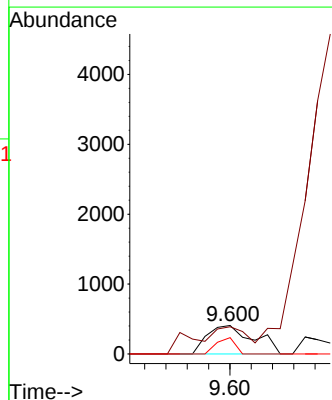
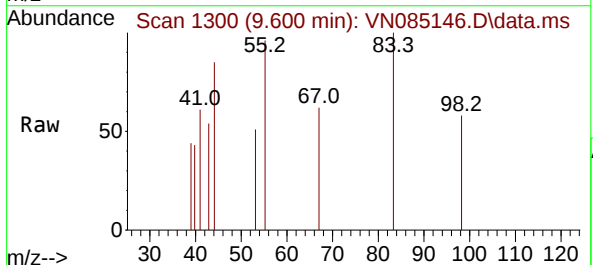


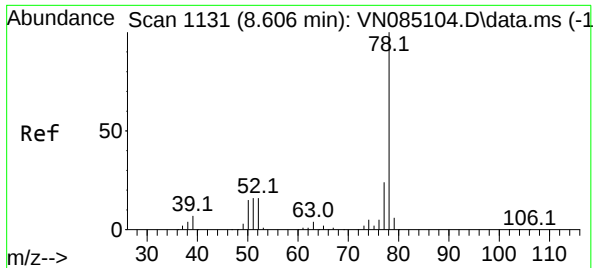
Tgt Ion:117 Resp: 16606
Ion Ratio Lower Upper
117 100
119 6.8 78.6 117.8#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.248 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 83 Resp: 618
Ion Ratio Lower Upper
83 100
55 20.4 61.8 92.6#
98 57.7 37.0 55.6#

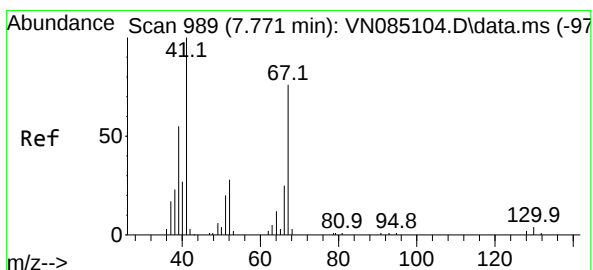
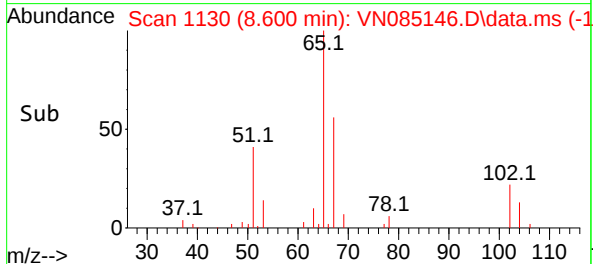
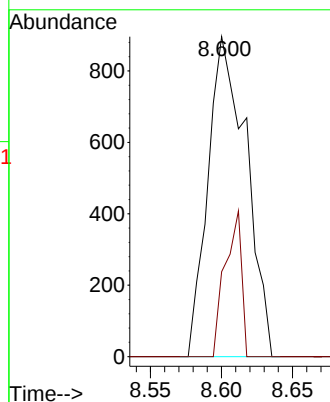
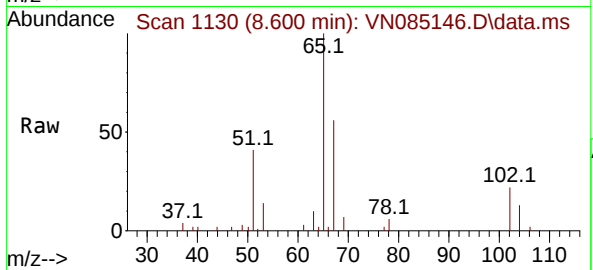




#40
Benzene
Concen: 0.221 ug/l
RT: 8.600 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

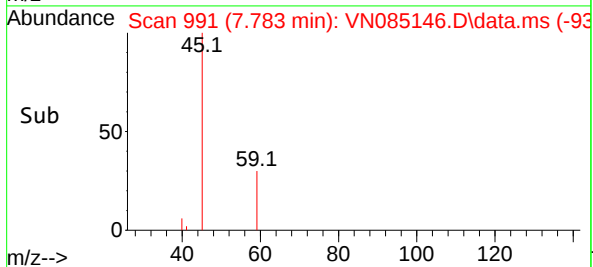
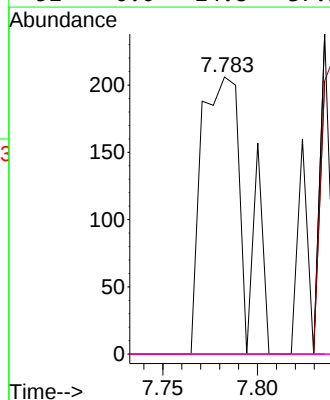
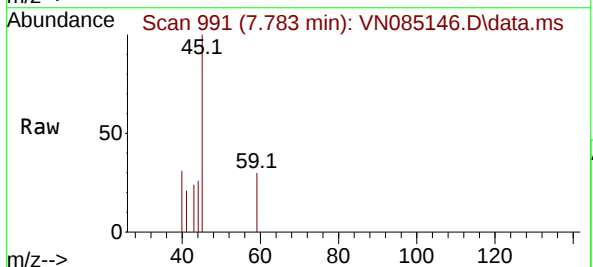
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

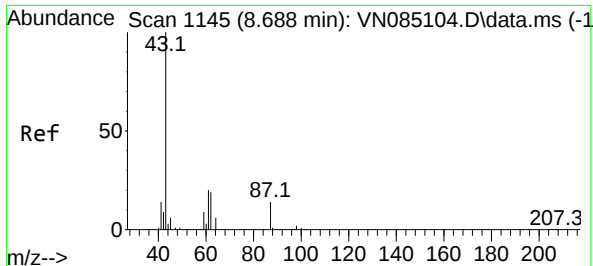
Tgt Ion: 78 Resp: 1677
Ion Ratio Lower Upper
78 100
77 26.6 18.5 27.7



#41
Methacrylonitrile
Concen: 0.274 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 41 Resp: 330
Ion Ratio Lower Upper
41 100
39 0.0 42.6 63.8#
67 0.0 59.9 89.9#
52 0.0 24.8 37.2#

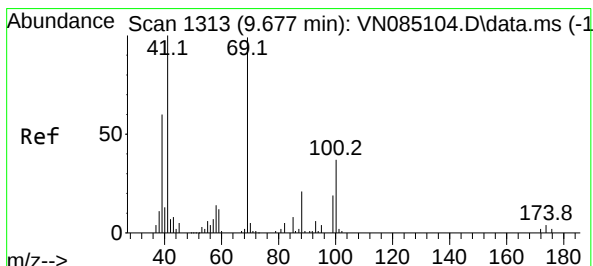
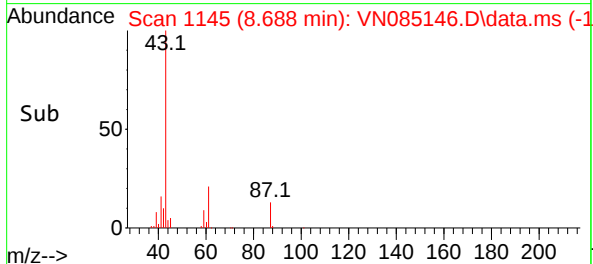
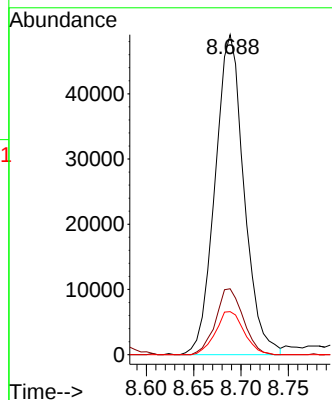
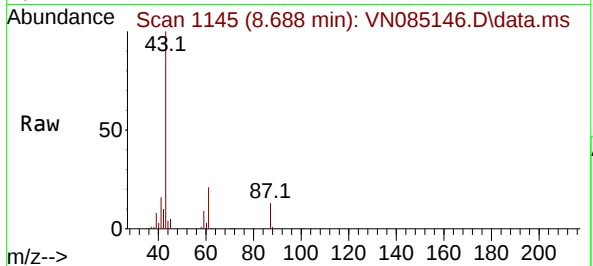




#43
Isopropyl Acetate
Concen: 23.097 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

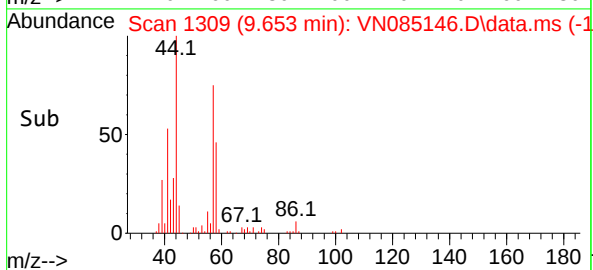
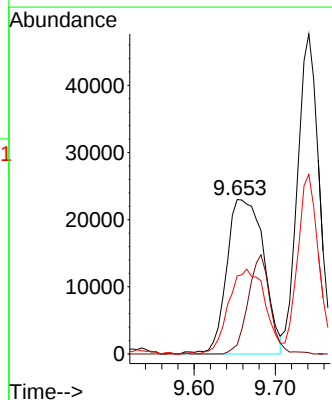
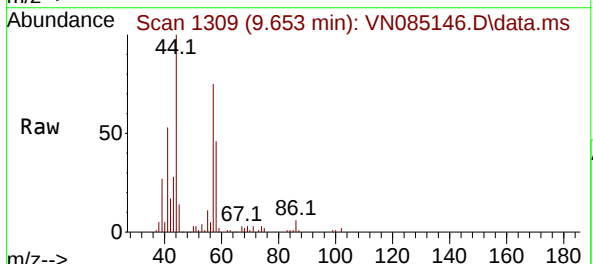
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

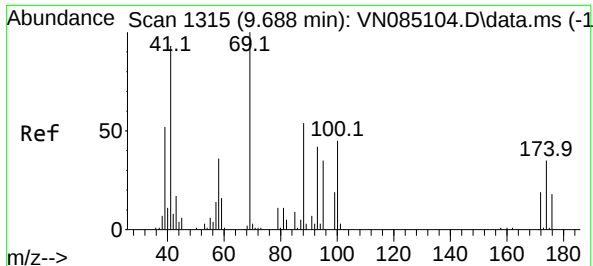
Tgt Ion: 43 Resp: 104408
Ion Ratio Lower Upper
43 100
61 19.6 20.6 30.8#
87 13.3 11.0 16.4



#48
Methyl methacrylate
Concen: 43.342 ug/l
RT: 9.653 min Scan# 1309
Delta R.T. -0.024 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 41 Resp: 72908
Ion Ratio Lower Upper
41 100
69 0.0 73.2 109.8#
39 53.8 46.2 69.4





#49

1,4-Dioxane

Concen: 4.662 ug/l

RT: 9.735 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

MOO-24-00374

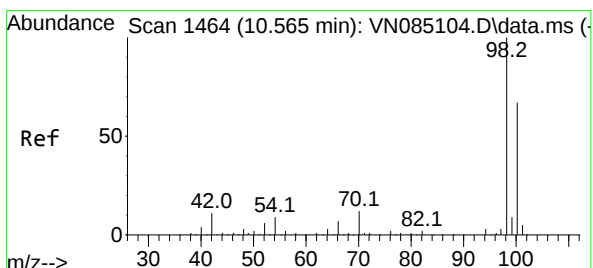
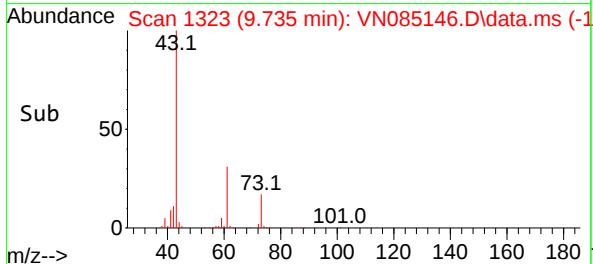
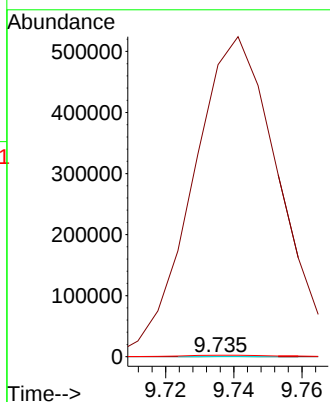
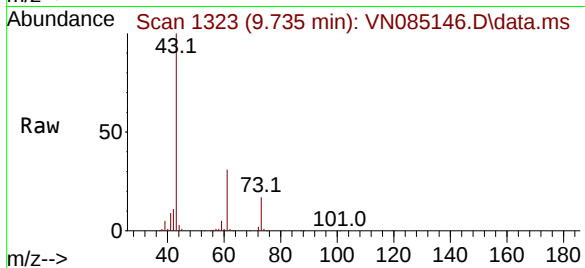
Tgt Ion: 88 Resp: 136

Ion Ratio Lower Upper

88 100

43 684805.1 16.7 25.1#

58 3397.1 56.5 84.7#



#50

Toluene-d8

Concen: 50.688 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085146.D

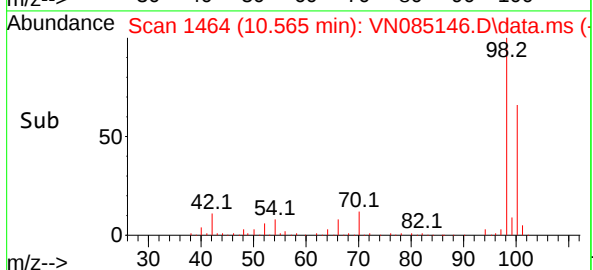
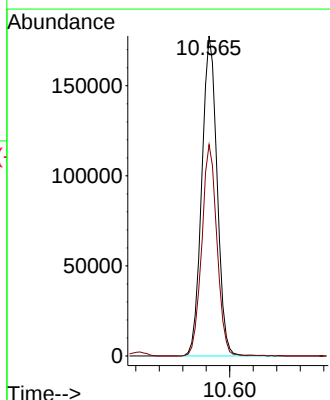
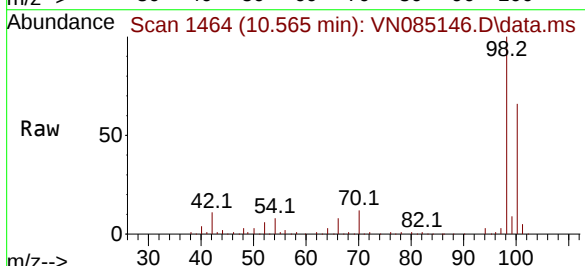
Acq: 09 Dec 2024 12:33

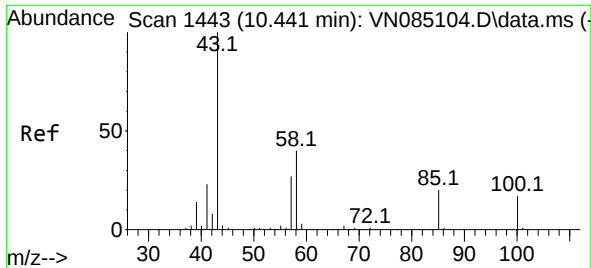
Tgt Ion: 98 Resp: 321039

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7

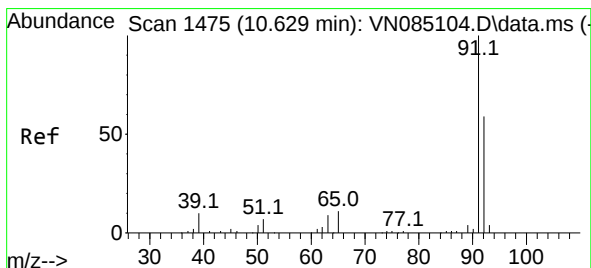
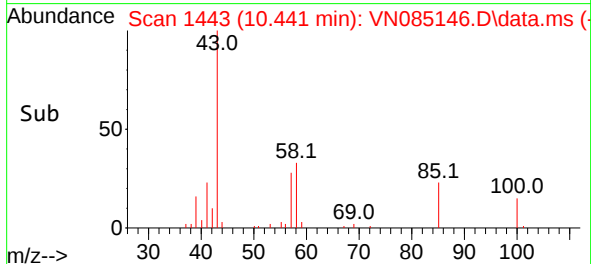
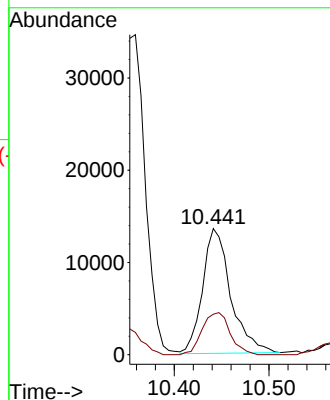
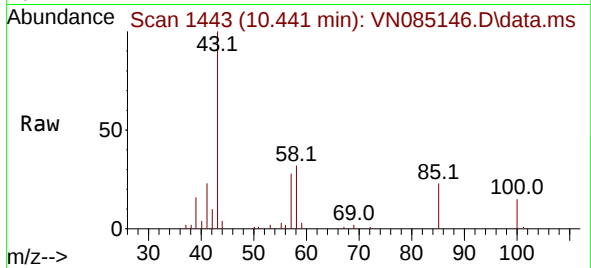




#51
4-Methyl-2-Pentanone
Concen: 13.555 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

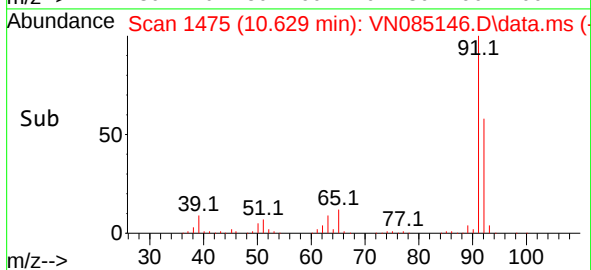
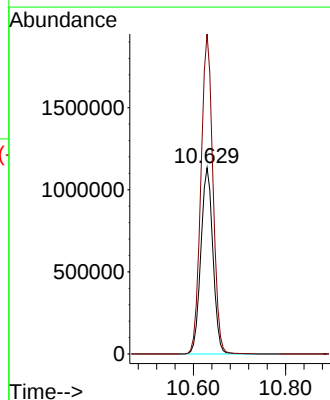
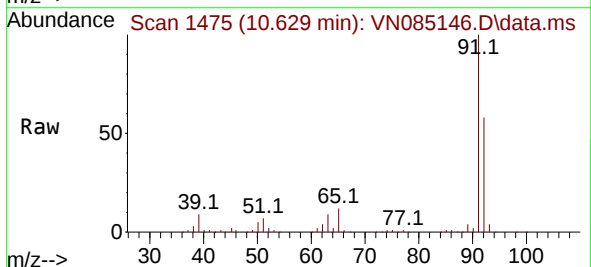
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

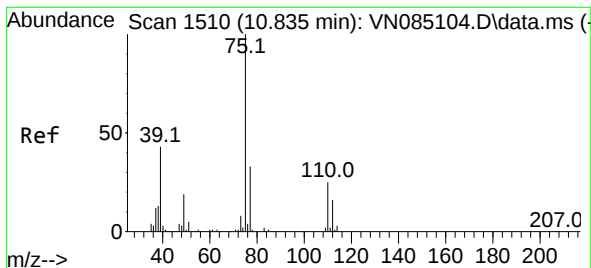
Tgt Ion: 43 Resp: 27988
Ion Ratio Lower Upper
43 100
58 33.4 32.1 48.1



#52
Toluene
Concen: 461.376 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 92 Resp: 2067953
Ion Ratio Lower Upper
92 100
91 170.9 136.7 205.1

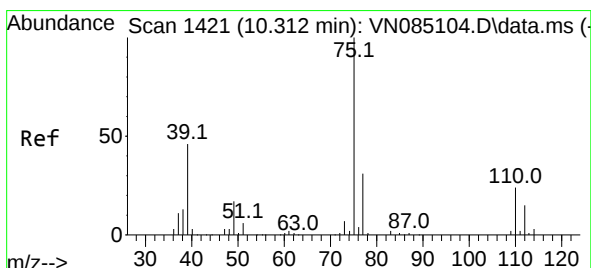
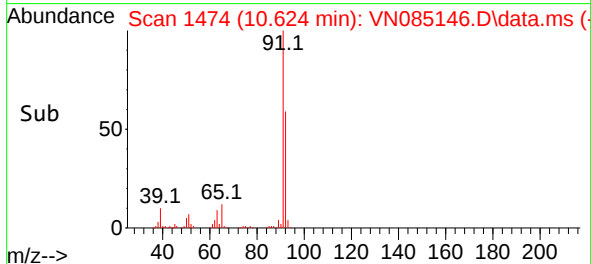
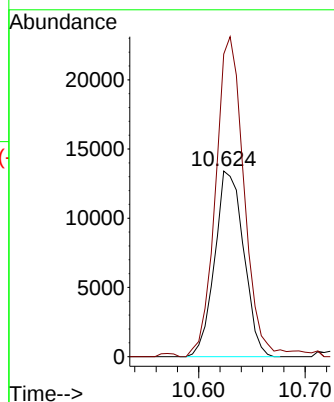
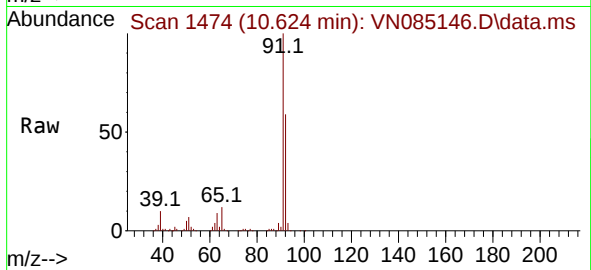




#53
t-1,3-Dichloropropene
Concen: 9.171 ug/l
RT: 10.624 min Scan# 1428
Delta R.T. -0.212 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

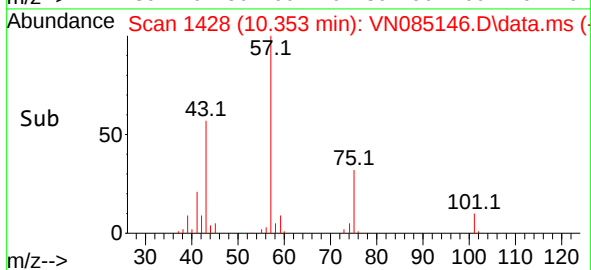
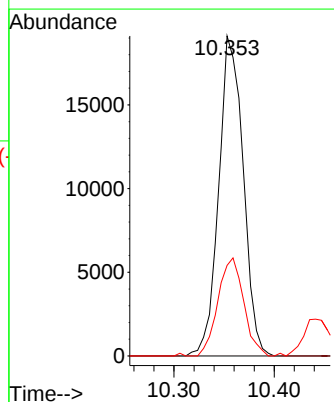
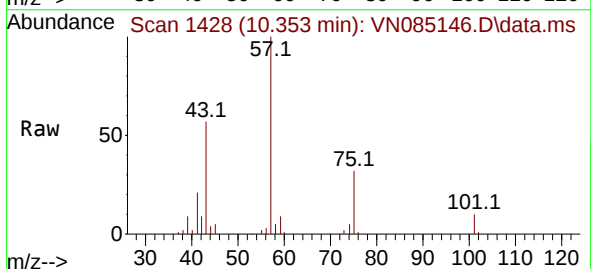
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

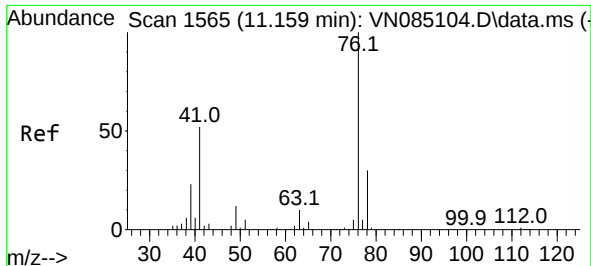
Tgt Ion: 75 Resp: 25250
Ion Ratio Lower Upper
75 100
77 163.0 25.0 37.4#



#54
cis-1,3-Dichloropropene
Concen: 11.085 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.047 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 75 Resp: 32380
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 27.5 37.6 56.4#





#57

1,3-Dichloropropane

Concen: 1.401 ug/l

RT: 11.200 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

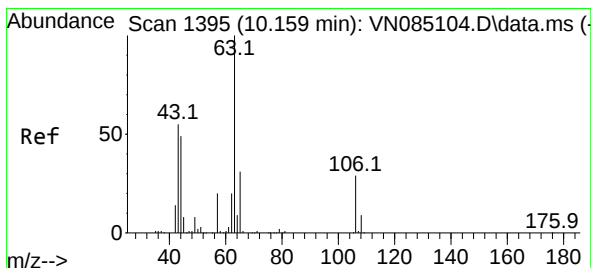
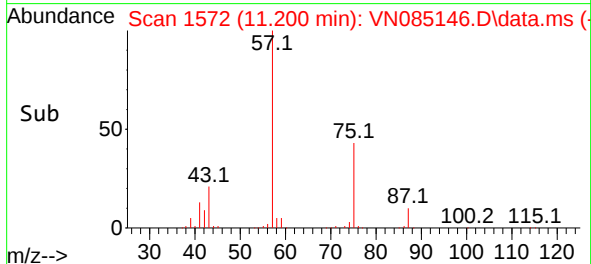
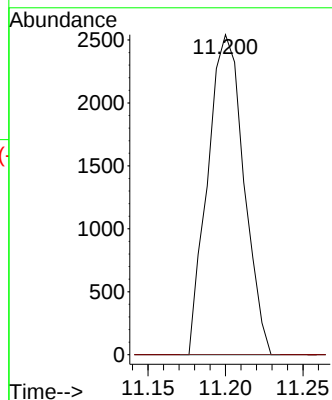
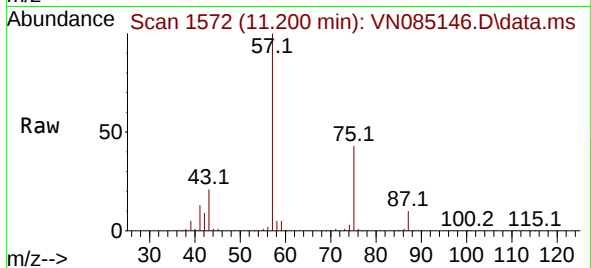
MOO-24-00374

Tgt Ion: 76 Resp: 4118

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.713 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085146.D

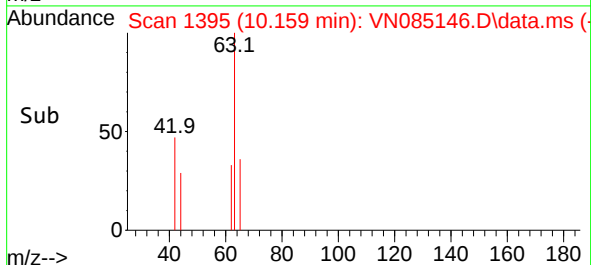
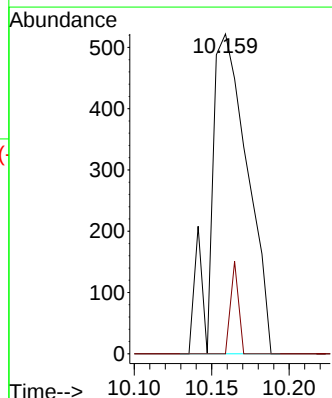
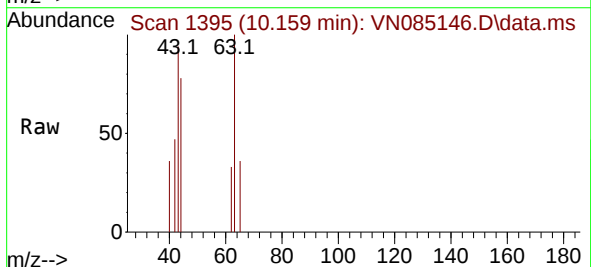
Acq: 09 Dec 2024 12:33

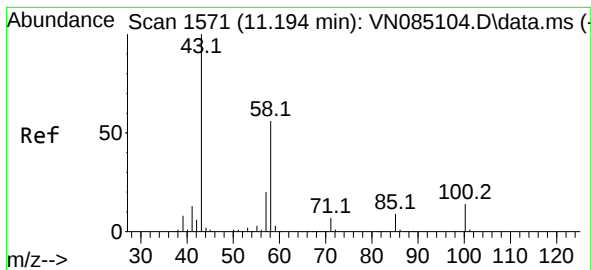
Tgt Ion: 63 Resp: 853

Ion Ratio Lower Upper

63 100

106 6.2 23.0 34.6#

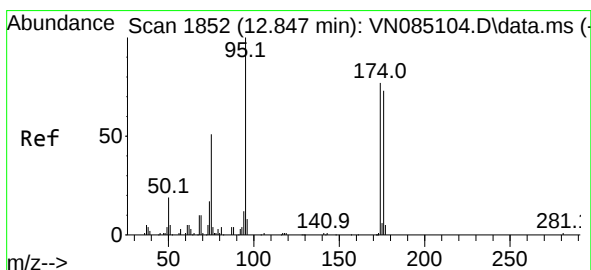
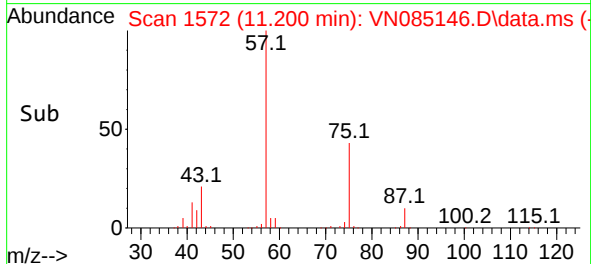
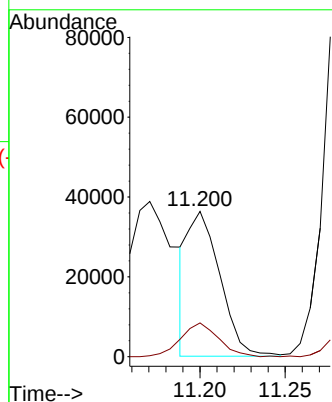
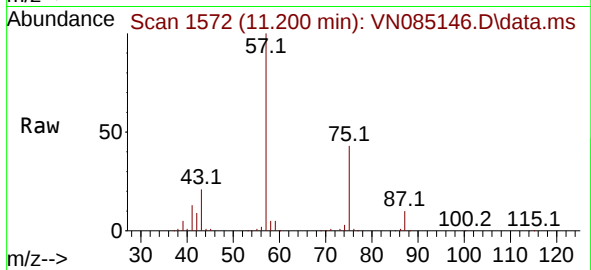




#59
2-Hexanone
Concen: 31.039 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

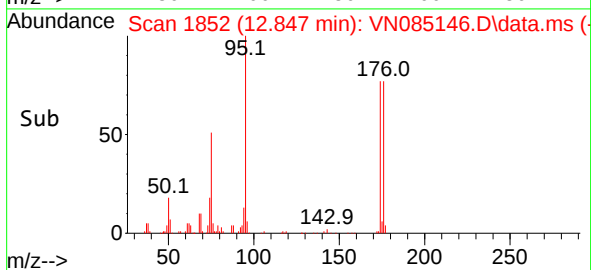
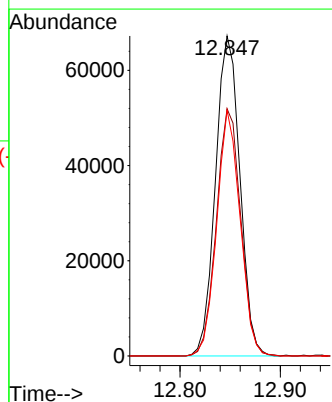
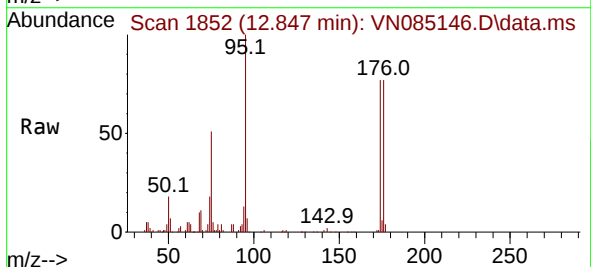
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

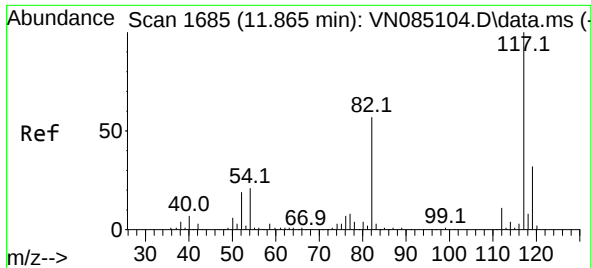
Tgt Ion: 43 Resp: 47931
Ion Ratio Lower Upper
43 100
58 27.4 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 48.022 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 95 Resp: 113743
Ion Ratio Lower Upper
95 100
174 77.2 0.0 146.6
176 73.5 0.0 141.8

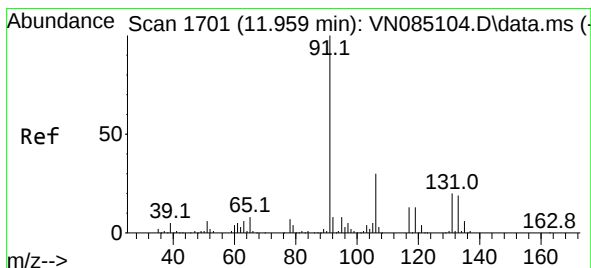
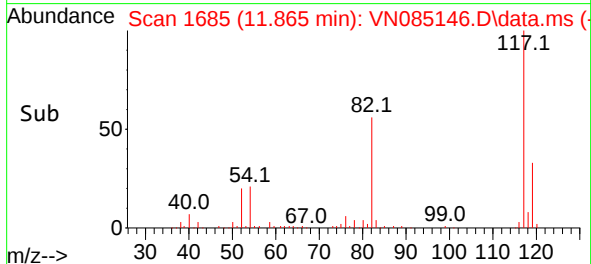
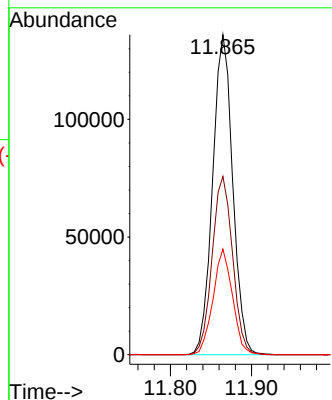
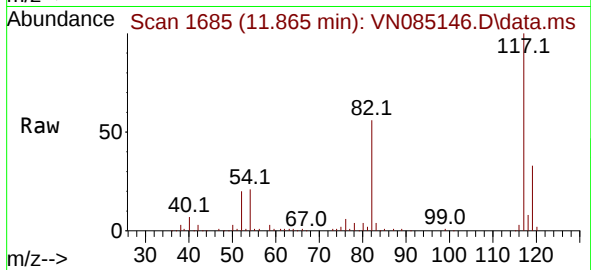




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

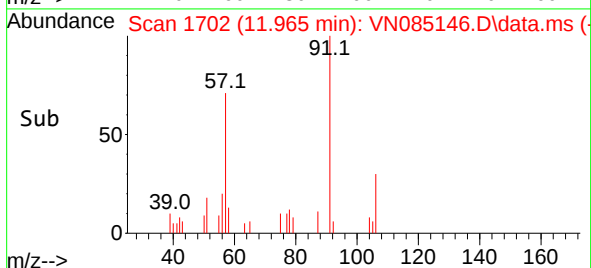
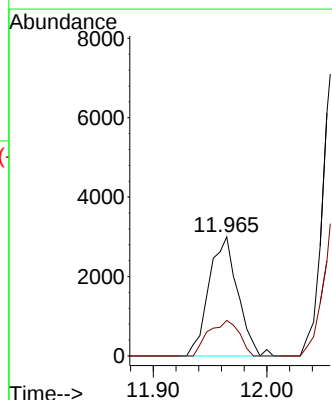
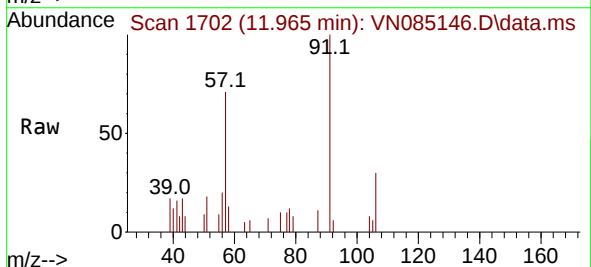
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

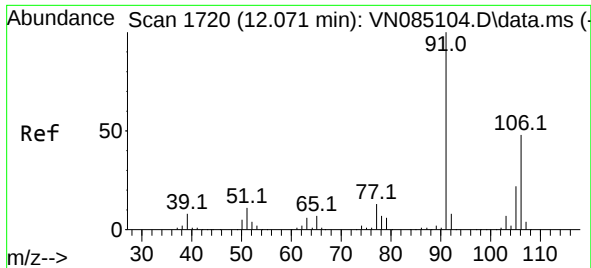
Tgt Ion:117 Resp: 234038
Ion Ratio Lower Upper
117 100
82 55.7 46.0 69.0
119 33.0 25.6 38.4



#67
Ethyl Benzene
Concen: 0.614 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 91 Resp: 5288
Ion Ratio Lower Upper
91 100
106 29.9 24.7 37.1

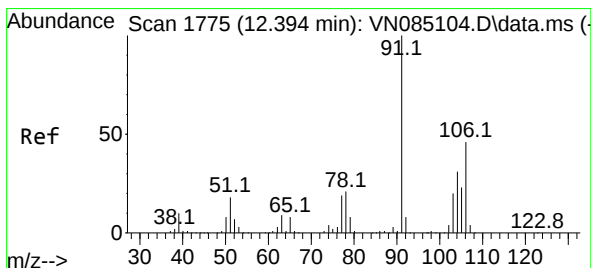
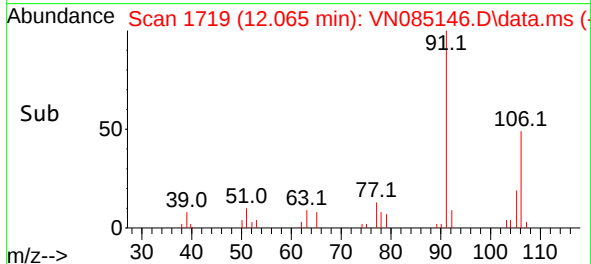
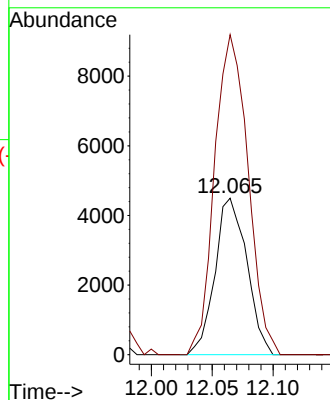
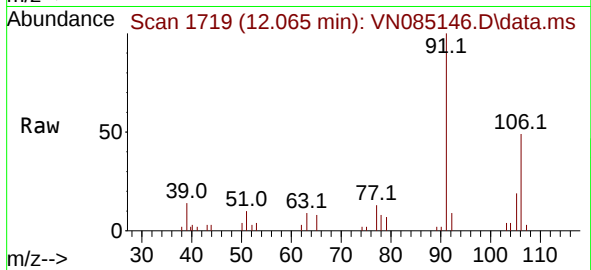




#68
m/p-Xylenes
Concen: 2.500 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

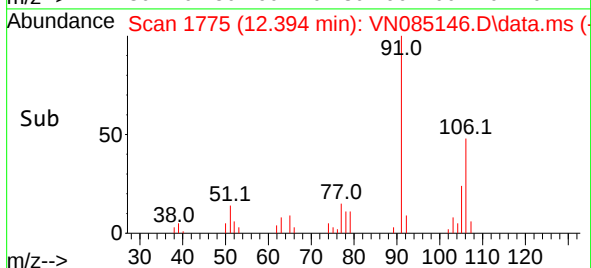
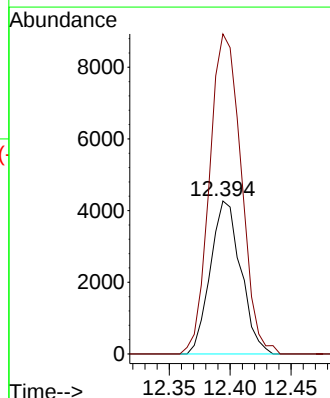
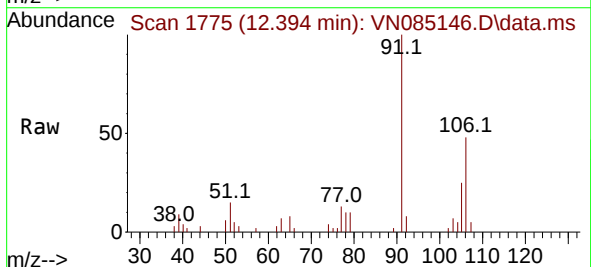
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

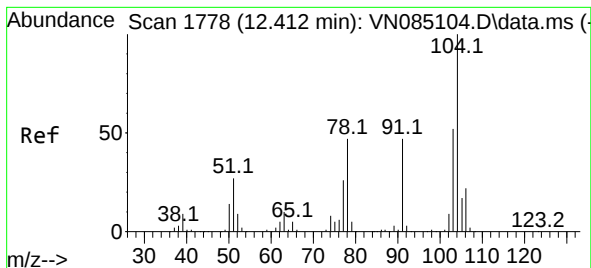
Tgt Ion:106 Resp: 8197
Ion Ratio Lower Upper
106 100
91 214.4 168.0 252.0



#69
o-Xylene
Concen: 2.378 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion:106 Resp: 7416
Ion Ratio Lower Upper
106 100
91 217.3 110.7 331.9





#70

Styrene

Concen: 0.217 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

MOO-24-00374

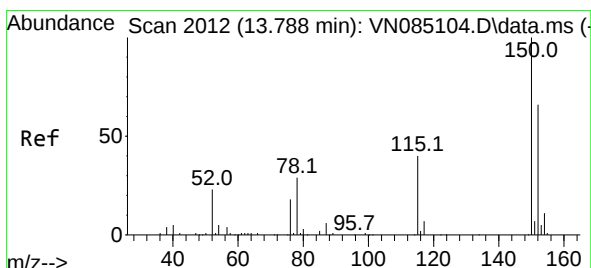
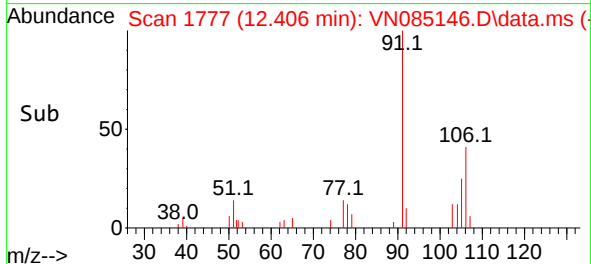
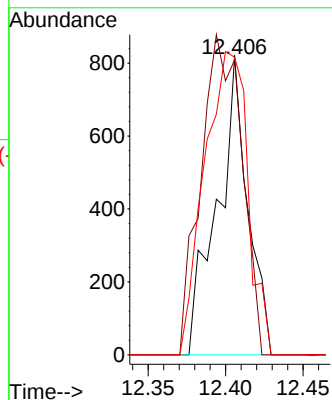
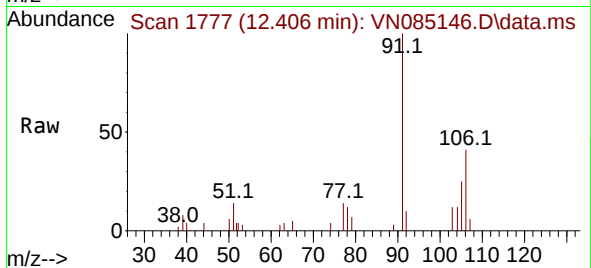
Tgt Ion:104 Resp: 1125

Ion Ratio Lower Upper

104 100

78 143.7 42.3 63.5#

103 143.3 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

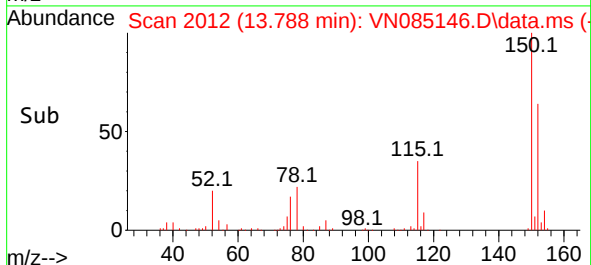
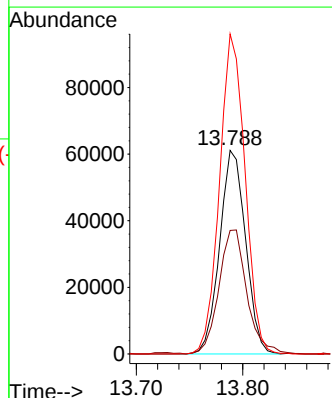
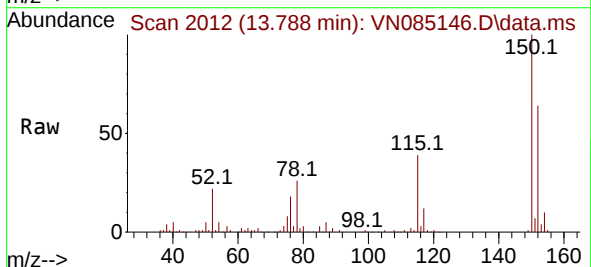
Tgt Ion:152 Resp: 103511

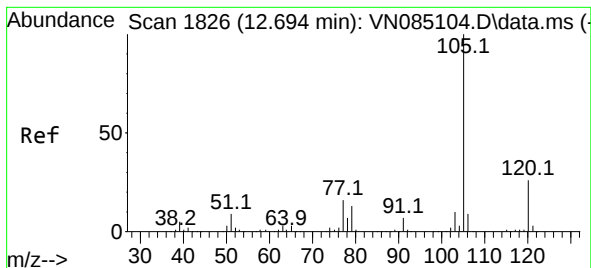
Ion Ratio Lower Upper

152 100

115 65.6 31.7 95.1

150 154.5 0.0 351.4





#73

Isopropylbenzene

Concen: 0.551 ug/l

RT: 12.694 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

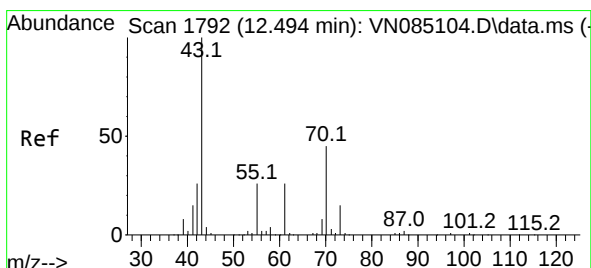
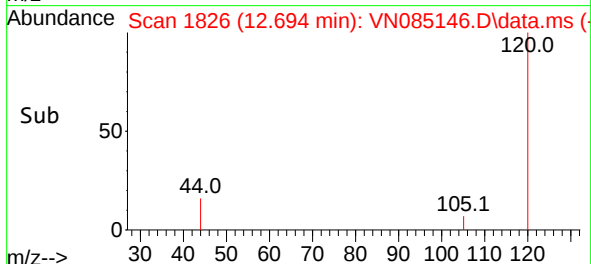
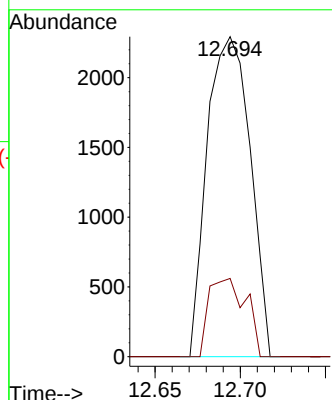
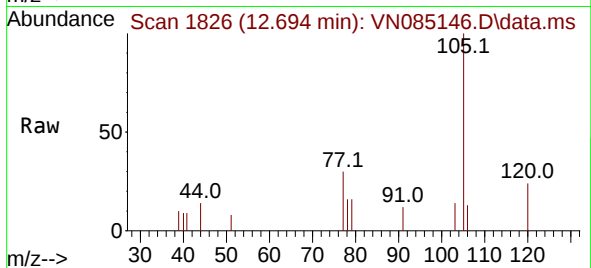
MOO-24-00374

Tgt Ion:105 Resp: 4026

Ion Ratio Lower Upper

105 100

120 21.1 13.0 39.0



#74

N-ethyl acetate

Concen: 1.627 ug/l

RT: 12.453 min Scan# 1785

Delta R.T. -0.041 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

Tgt Ion: 43 Resp: 4896

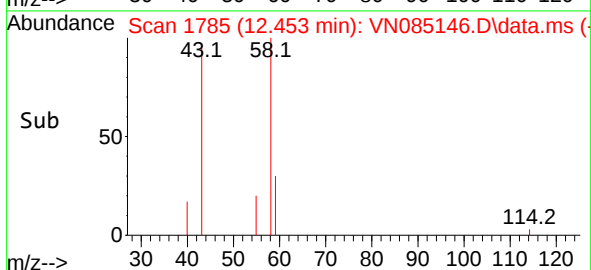
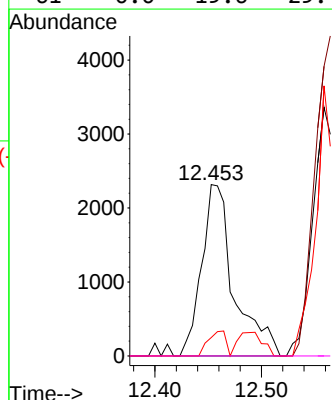
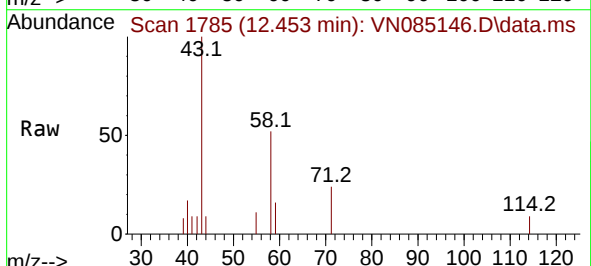
Ion Ratio Lower Upper

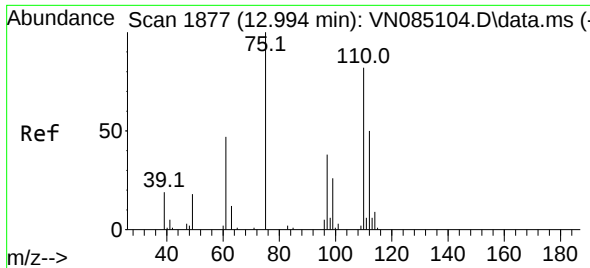
43 100

70 0.0 34.6 51.8#

55 7.8 20.5 30.7#

61 0.0 19.6 29.4#

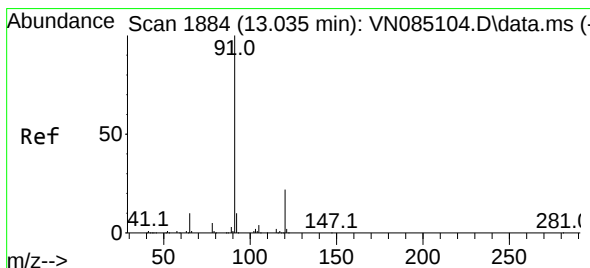
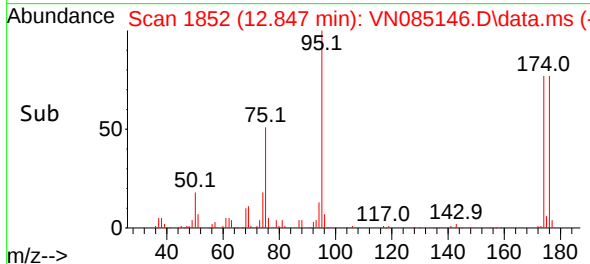
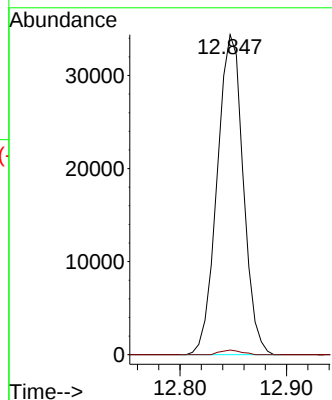
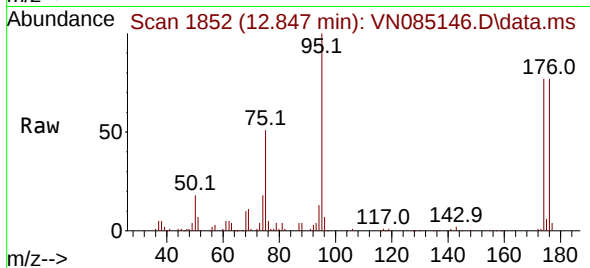




#76
1,2,3-Trichloropropane
Concen: 31.048 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

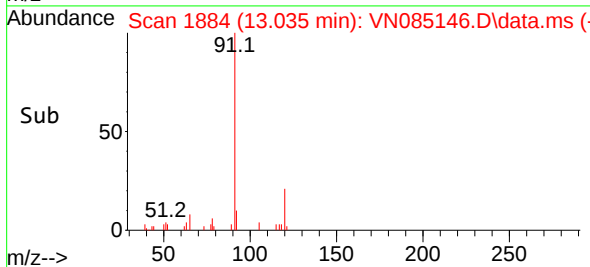
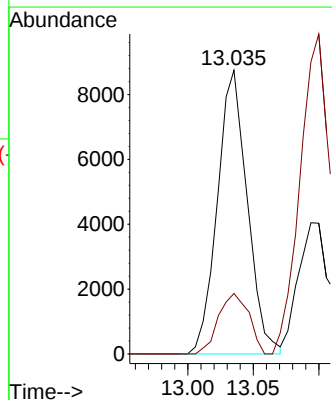
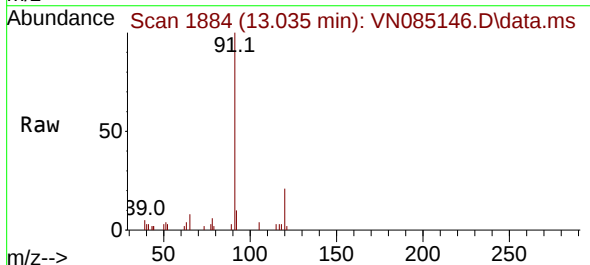
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

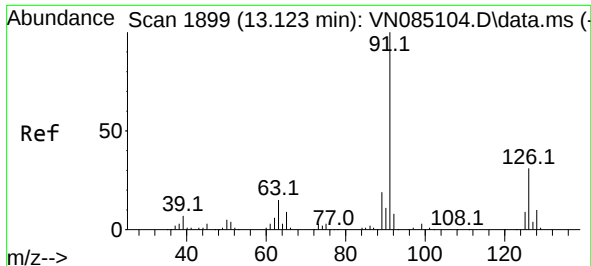
Tgt Ion: 75 Resp: 58457
Ion Ratio Lower Upper
75 100
77 1.2 109.1 327.4#



#78
n-propylbenzene
Concen: 1.648 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 91 Resp: 13879
Ion Ratio Lower Upper
91 100
120 21.7 11.3 33.9

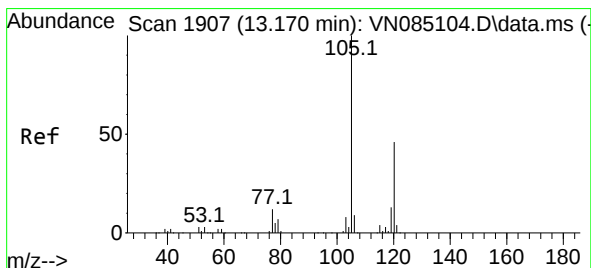
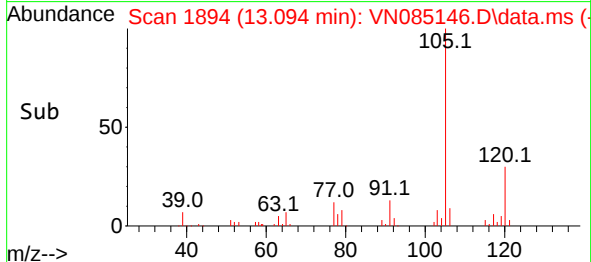
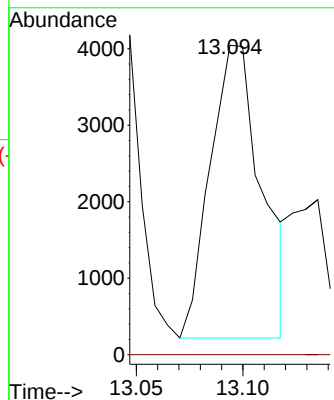
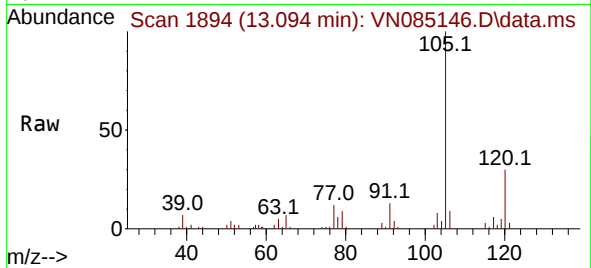




#79
2-Chlorotoluene
Concen: 1.145 ug/l
RT: 13.094 min Scan# 1899
Delta R.T. -0.030 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

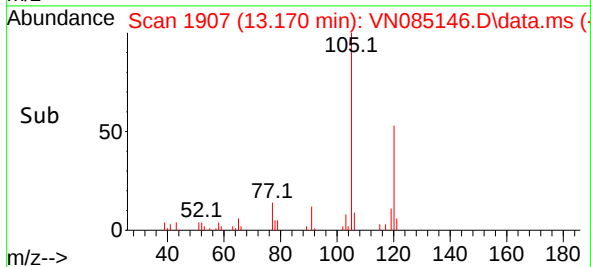
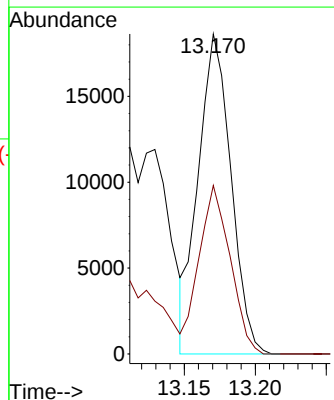
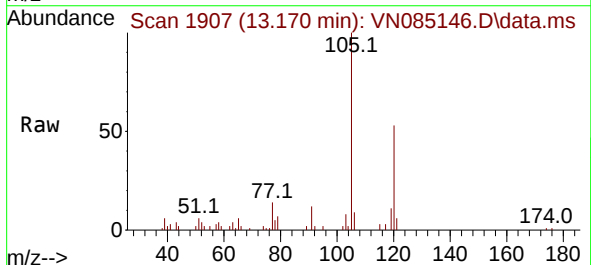
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

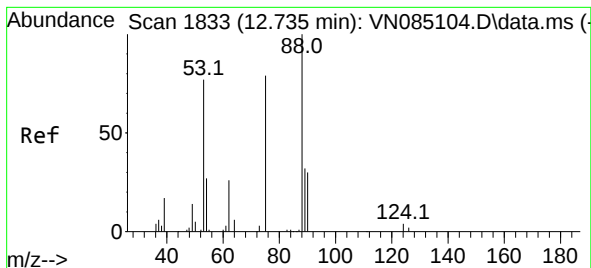
Tgt Ion: 91 Resp: 6437
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#



#80
1,3,5-Trimethylbenzene
Concen: 4.873 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 105 Resp: 29862
Ion Ratio Lower Upper
105 100
120 50.4 23.6 71.0

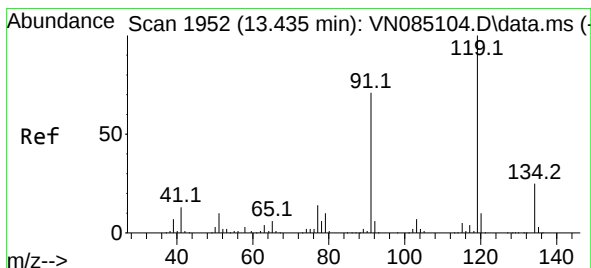
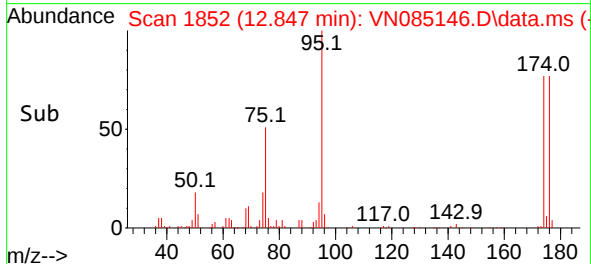
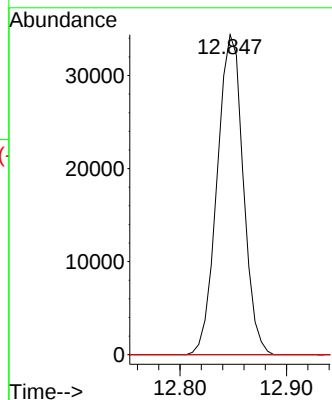
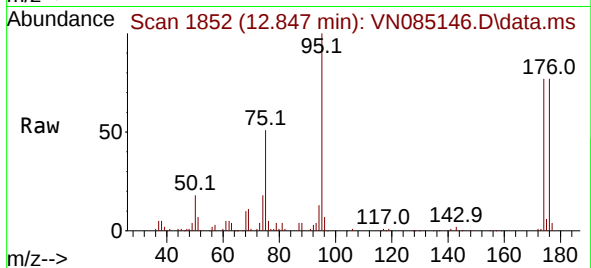




#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.541 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN085146.D
 Acq: 09 Dec 2024 12:33

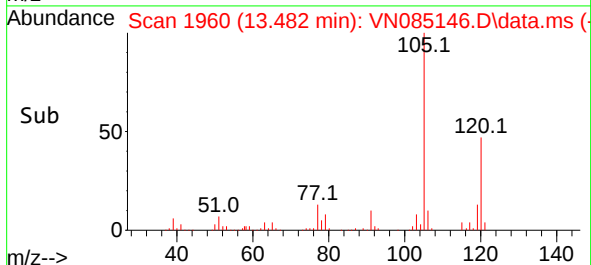
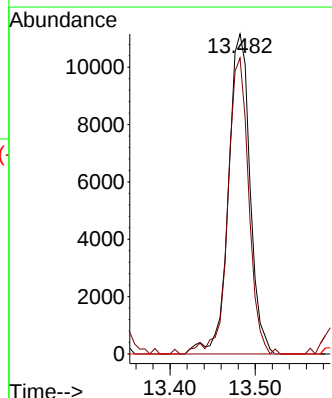
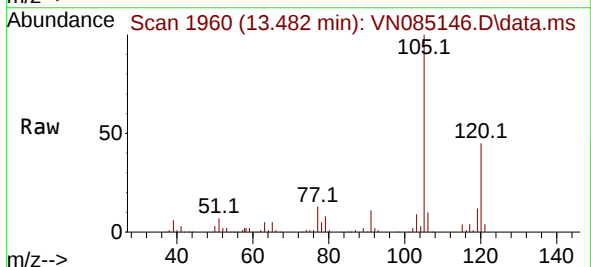
Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-24-00374

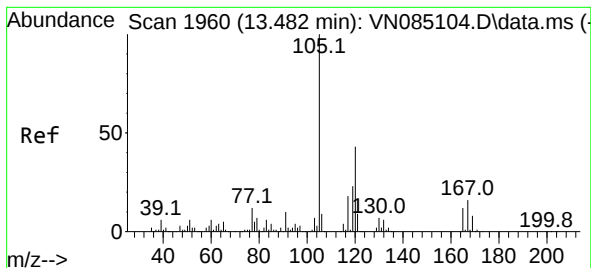
Tgt Ion: 75 Resp: 58457
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.4#
 89 0.0 37.9 56.9#



#83
 tert-Butylbenzene
 Concen: 3.731 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.047 min
 Lab File: VN085146.D
 Acq: 09 Dec 2024 12:33

Tgt Ion: 119 Resp: 19673
 Ion Ratio Lower Upper
 119 100
 91 89.2 35.1 105.5
 134 0.0 12.1 36.3#





#84

1,2,4-Trimethylbenzene

Concen: 24.250 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

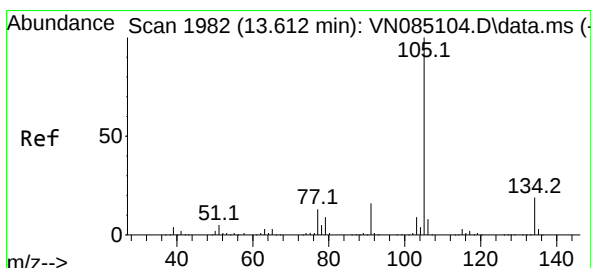
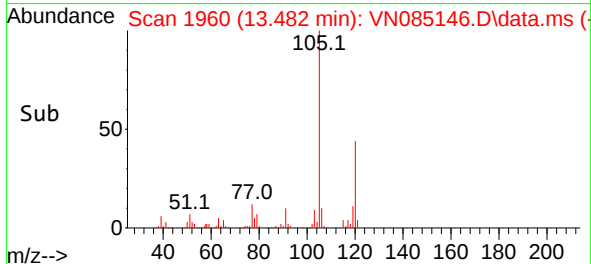
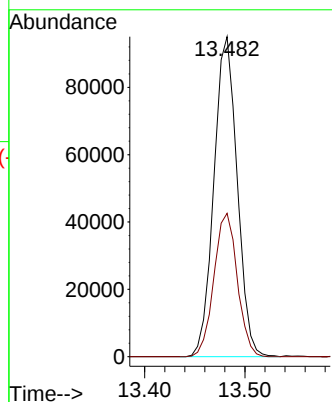
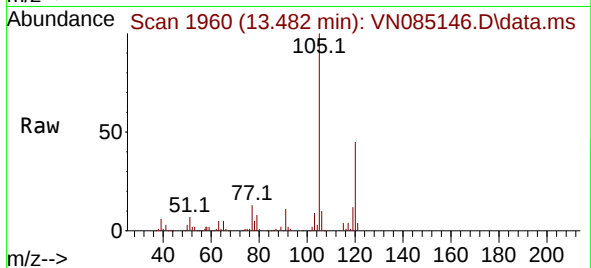
MOO-24-00374

Tgt Ion:105 Resp: 152954

Ion Ratio Lower Upper

105 100

120 45.0 21.8 65.4



#85

sec-Butylbenzene

Concen: 1.123 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN085146.D

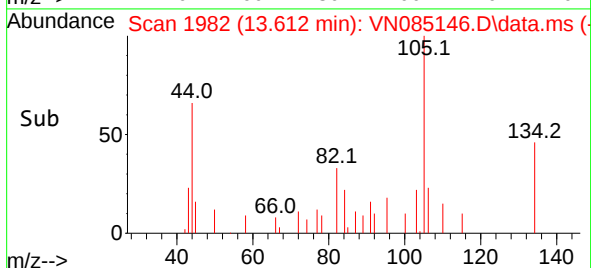
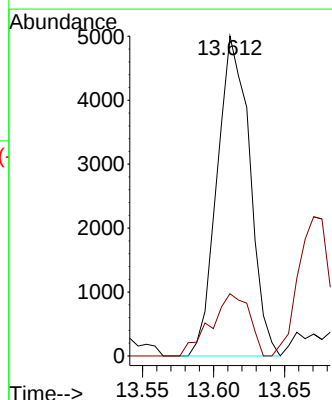
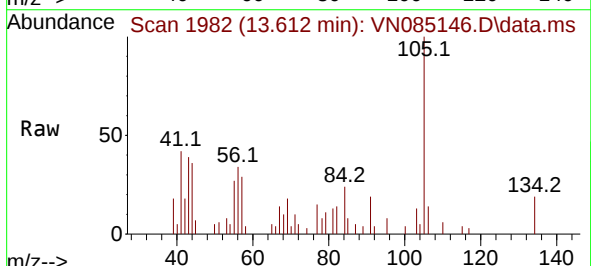
Acq: 09 Dec 2024 12:33

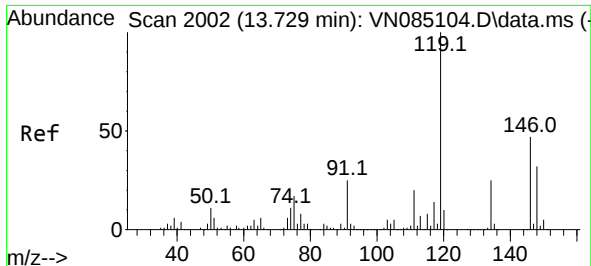
Tgt Ion:105 Resp: 7996

Ion Ratio Lower Upper

105 100

134 22.9 9.8 29.3

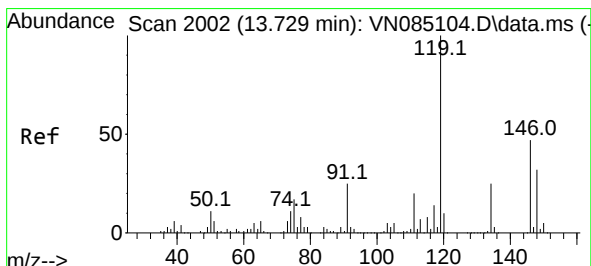
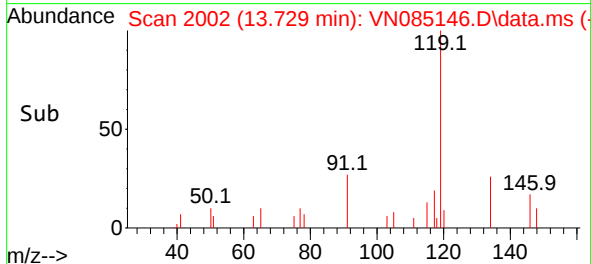
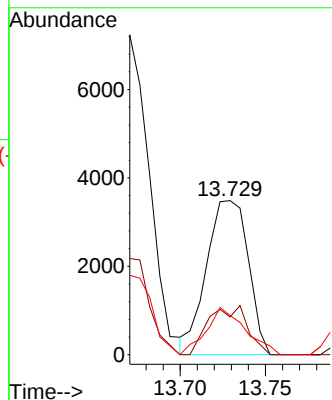
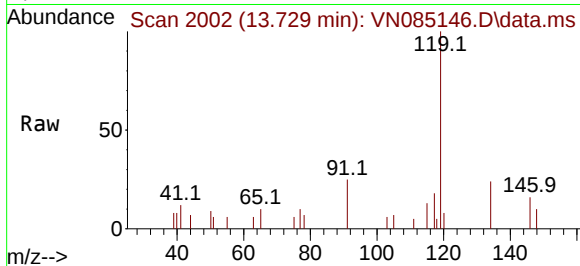




#86
p-Isopropyltoluene
Concen: 1.014 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

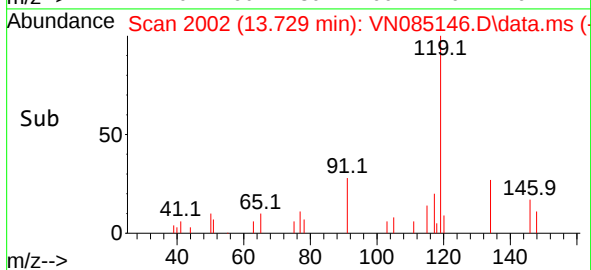
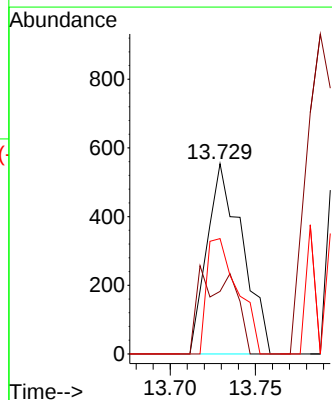
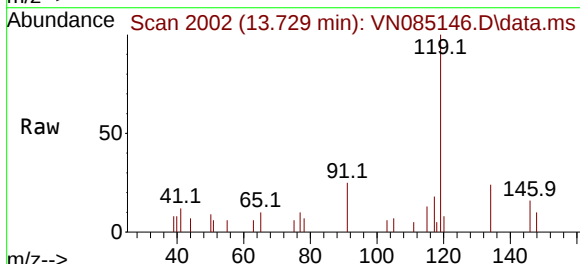
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

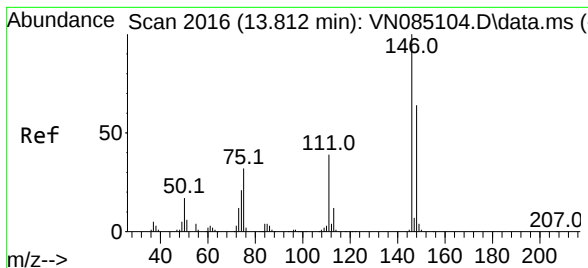
Tgt Ion:	119	Resp:	5964
Ion	Ratio	Lower	Upper
119	100		
134	29.4	13.0	39.0
91	28.6	12.8	38.4



#87
1,3-Dichlorobenzene
Concen: 0.206 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion:	146	Resp:	798
Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.6	65.0
148	53.5	32.2	96.6





#88

1,4-Dichlorobenzene

Concen: 0.202 ug/l

RT: 13.729 min Scan# 2016

Delta R.T. -0.082 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

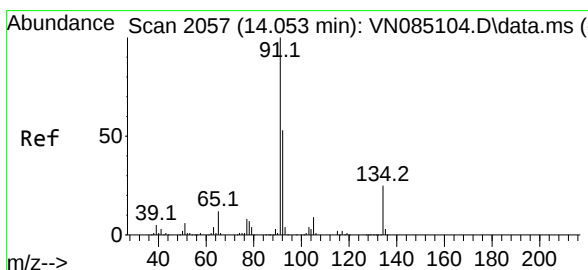
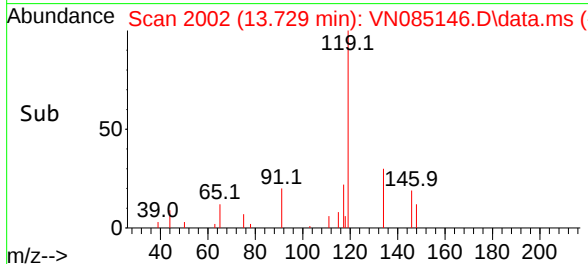
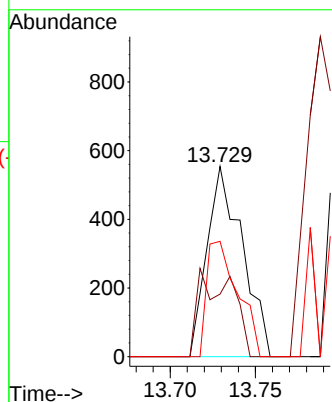
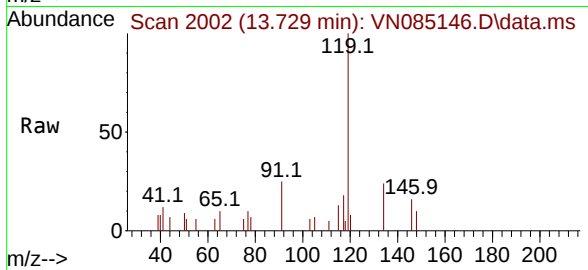
Instrument :

MSVOA_N

ClientSampleId :

MOO-24-00374

Tgt Ion:146	Resp:	798
Ion Ratio	Lower	Upper
146	100	
111	43.9	20.9 62.8
148	53.5	31.3 93.9



#89

n-Butylbenzene

Concen: 1.834 ug/l

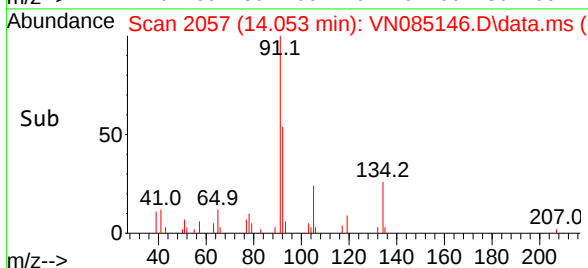
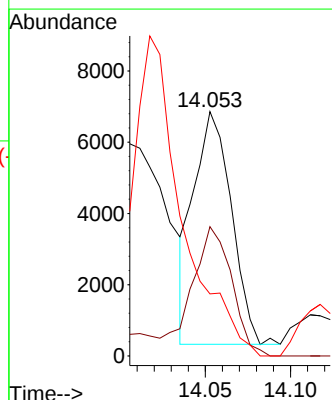
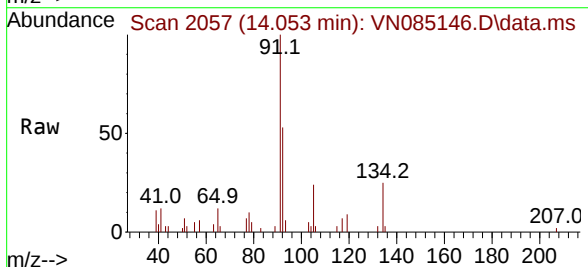
RT: 14.053 min Scan# 2057

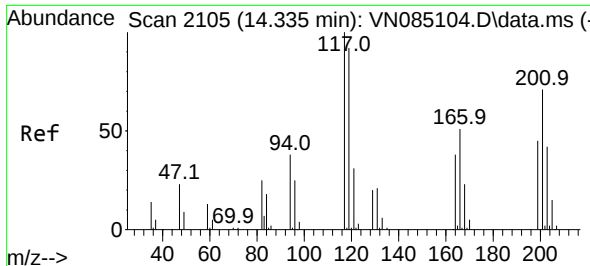
Delta R.T. -0.000 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

Tgt Ion: 91	Resp:	10027
Ion Ratio	Lower	Upper
91	100	
92	58.9	26.8 80.3
134	0.0	12.8 38.4

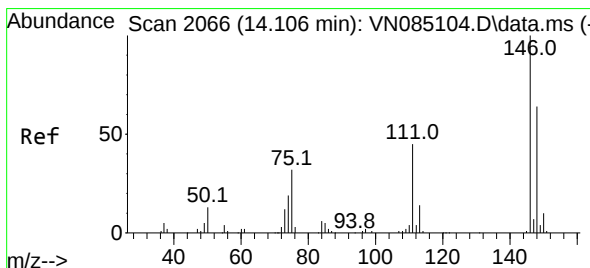
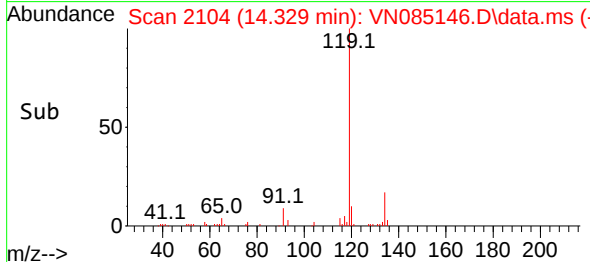
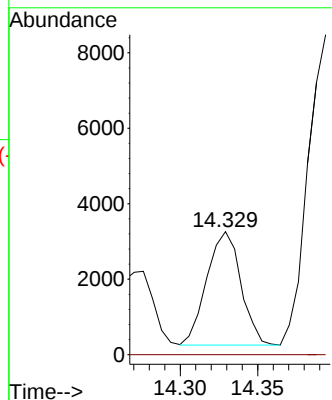
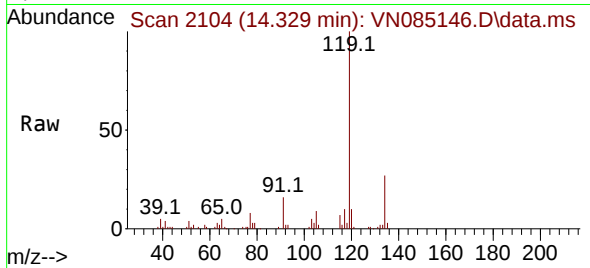




#90
Hexachloroethane
Concen: 3.591 ug/l
RT: 14.329 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

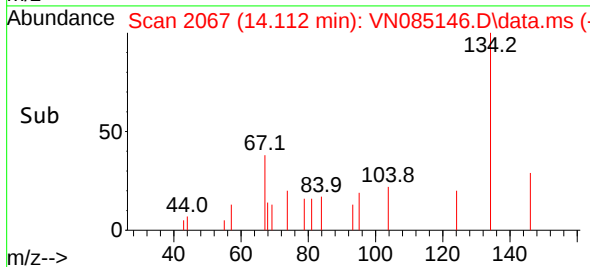
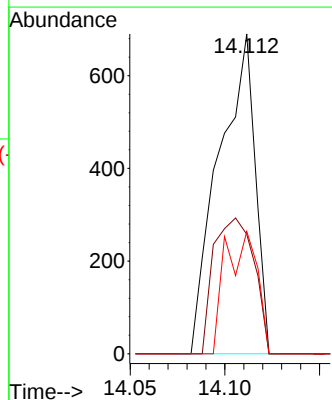
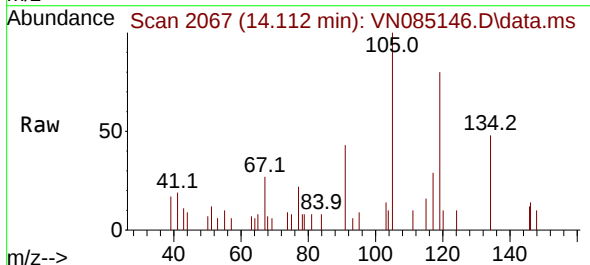
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

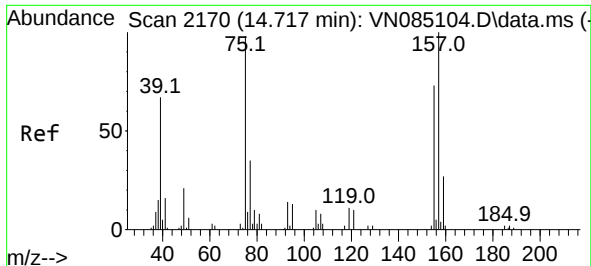
Tgt Ion:117 Resp: 4602
Ion Ratio Lower Upper
117 100
201 0.0 35.2 105.6#



#91
1,2-Dichlorobenzene
Concen: 0.247 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

Tgt Ion:146 Resp: 916
Ion Ratio Lower Upper
146 100
111 47.2 21.9 65.8
148 33.5 31.1 93.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.247 ug/l

RT: 14.735 min Scan# 2173

Delta R.T. 0.018 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

MOO-24-00374

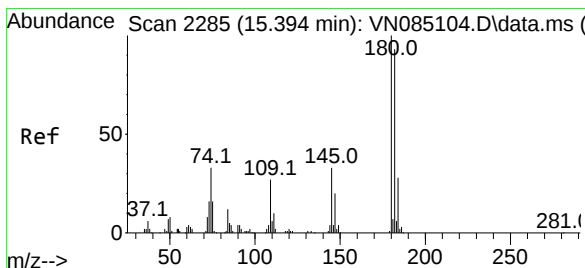
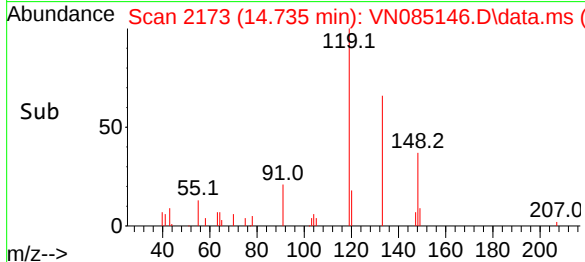
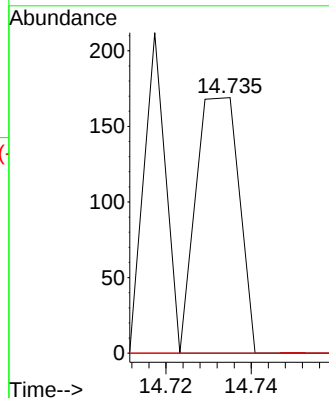
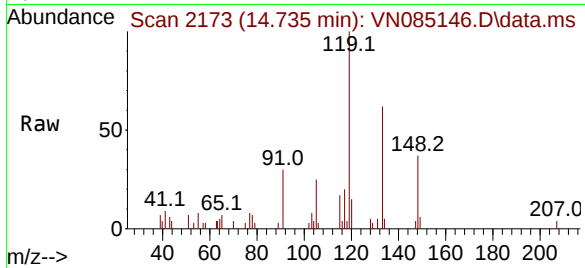
Tgt Ion: 75 Resp: 119

Ion Ratio Lower Upper

75 100

155 0.0 38.9 116.7#

157 0.0 48.3 144.9#



#93

1,2,4-Trichlorobenzene

Concen: 0.620 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN085146.D

Acq: 09 Dec 2024 12:33

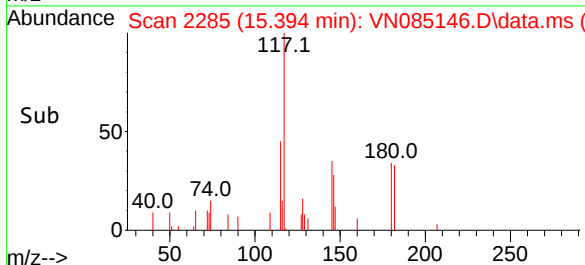
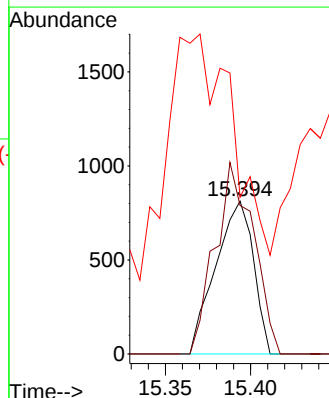
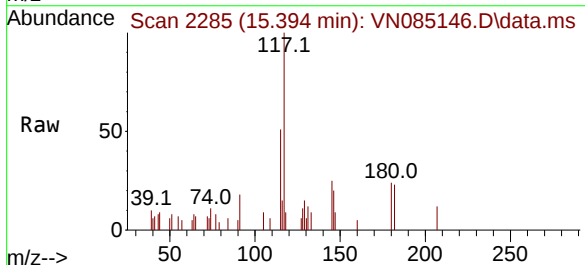
Tgt Ion: 180 Resp: 1252

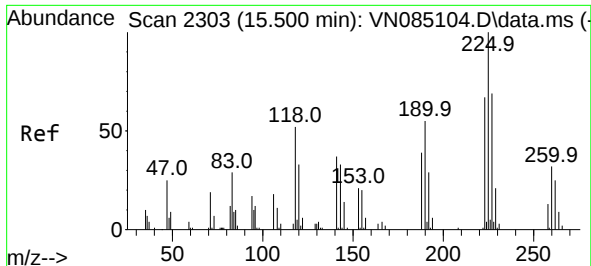
Ion Ratio Lower Upper

180 100

182 127.2 46.9 140.8

145 0.0 16.3 48.8#

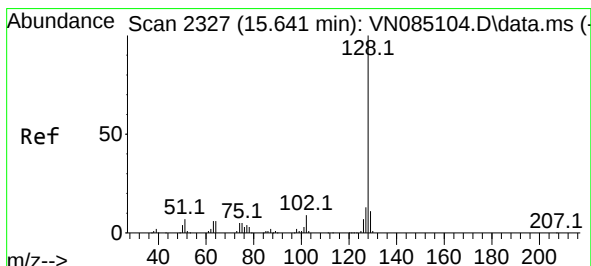
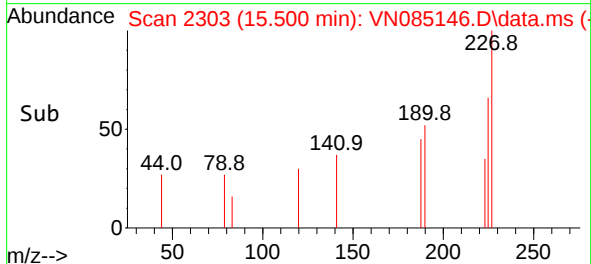
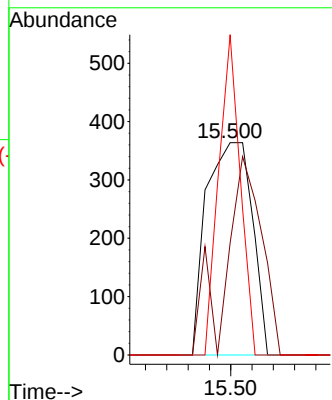
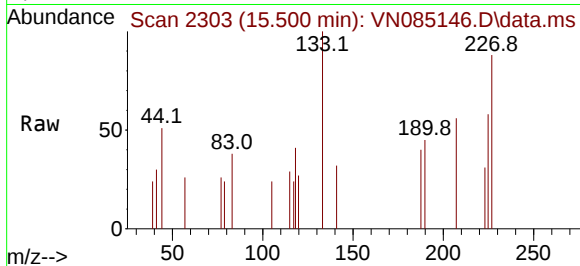




#94
Hexachlorobutadiene
Concen: 0.584 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

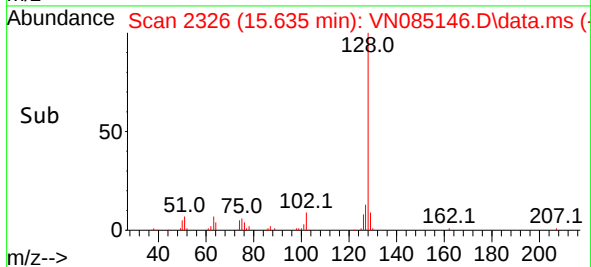
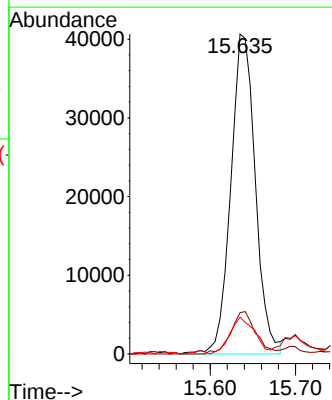
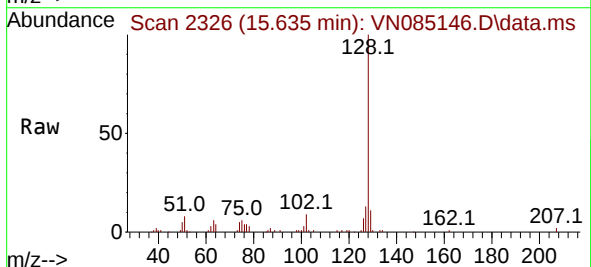
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00374

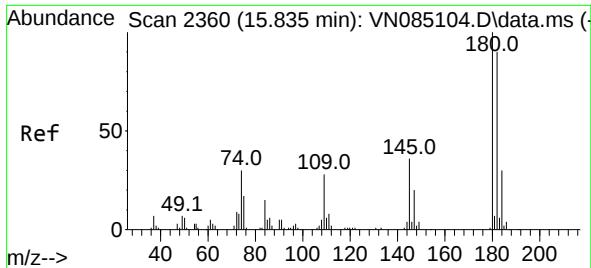
Tgt Ion:	225	Resp:	544
Ion	Ratio	Lower	Upper
225	100		
223	74.1	30.9	92.8
227	70.8	31.5	94.5



#95
Naphthalene
Concen: 14.159 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085146.D
Acq: 09 Dec 2024 12:33

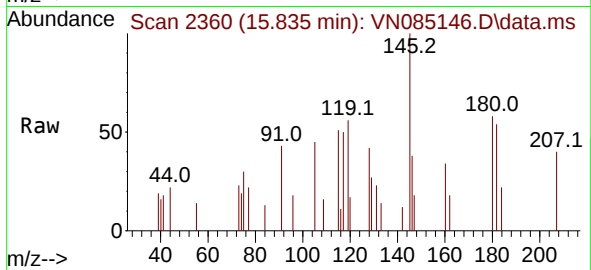
Tgt Ion:	128	Resp:	81372
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.6	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.862 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085146.D
 Acq: 09 Dec 2024 12:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-24-00374



Tgt Ion:180 Resp: 1659
 Ion Ratio Lower Upper
 180 100
 182 94.0 46.4 139.2
 145 0.0 17.3 52.0#

