

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085807.D
 Acq On : 21 Feb 2025 17:03
 Operator : JC\MD
 Sample : PB166809TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166809TB

Quant Time: Feb 22 02:37:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	230909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	437050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	428742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151786	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173290	57.886	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.780%	
35) Dibromofluoromethane	8.165	113	151293	52.903	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.800%	
50) Toluene-d8	10.565	98	564793	54.281	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.560%	
62) 4-Bromofluorobenzene	12.847	95	167508	48.862	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.720%	

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	633	0.201	ug/l	99
5) Bromomethane	2.989	94	1200	0.562	ug/l #	50
13) Acrolein	4.183	56	263	0.482	ug/l #	46
15) Acrylonitrile	5.724	53	254	0.212	ug/l #	35
16) Acetone	4.424	43	21831	23.047	ug/l	97
17) Carbon Disulfide	4.736	76	2255	0.300	ug/l #	75
18) Methyl Acetate	5.018	43	1205	0.370	ug/l #	71
20) Methylene Chloride	5.277	84	8202	2.693	ug/l	87
25) 2-Butanone	7.477	43	2466	1.770	ug/l	91
29) Tetrahydrofuran	7.841	42	269	0.299	ug/l #	29
30) Chloroform	7.959	83	8023	1.503	ug/l	96
31) Cyclohexane	8.224	56	5160	1.207	ug/l #	4
36) 1,1-Dichloropropene	8.224	75	18768	4.637	ug/l #	50
37) Ethyl Acetate	7.559	43	3933	1.181	ug/l #	86
38) Carbon Tetrachloride	8.218	117	24735	5.143	ug/l #	18
42) 1,2-Dichloroethane	8.677	62	1264	0.299	ug/l #	73
43) Isopropyl Acetate	8.683	43	164323	27.869	ug/l #	91
45) 1,2-Dichloropropane	9.735	63	2446	0.781	ug/l #	43
48) Methyl methacrylate	9.735	41	155033	62.673	ug/l #	36
49) 1,4-Dioxane	9.724	88	59	1.254	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	6469	2.014	ug/l	99
54) cis-1,3-Dichloropropene	10.353	75	64803	13.525	ug/l #	67
56) Ethyl methacrylate	10.977	69	2996	1.228	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	9185	1.820	ug/l #	42
59) 2-Hexanone	11.200	43	111288	50.374	ug/l #	51
70) Styrene	12.406	104	608	0.648	ug/l #	77
74) N-amyl acetate	12.488	43	1936	0.528	ug/l #	55
76) 1,2,3-Trichloropropane	12.847	75	81980	24.314	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81980	70.943	ug/l #	12
86) p-Isopropyltoluene	13.718	119	1203	0.765	ug/l #	69
87) 1,3-Dichlorobenzene	13.729	146	1209	0.230	ug/l	81
88) 1,4-Dichlorobenzene	13.729	146	1209	0.224	ug/l	82
89) n-Butylbenzene	14.053	91	1910	0.267	ug/l	94
91) 1,2-Dichlorobenzene	14.100	146	1303	0.257	ug/l	78
93) 1,2,4-Trichlorobenzene	15.388	180	1497	0.621	ug/l	95
94) Hexachlorobutadiene	15.500	225	1228	0.838	ug/l	66

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

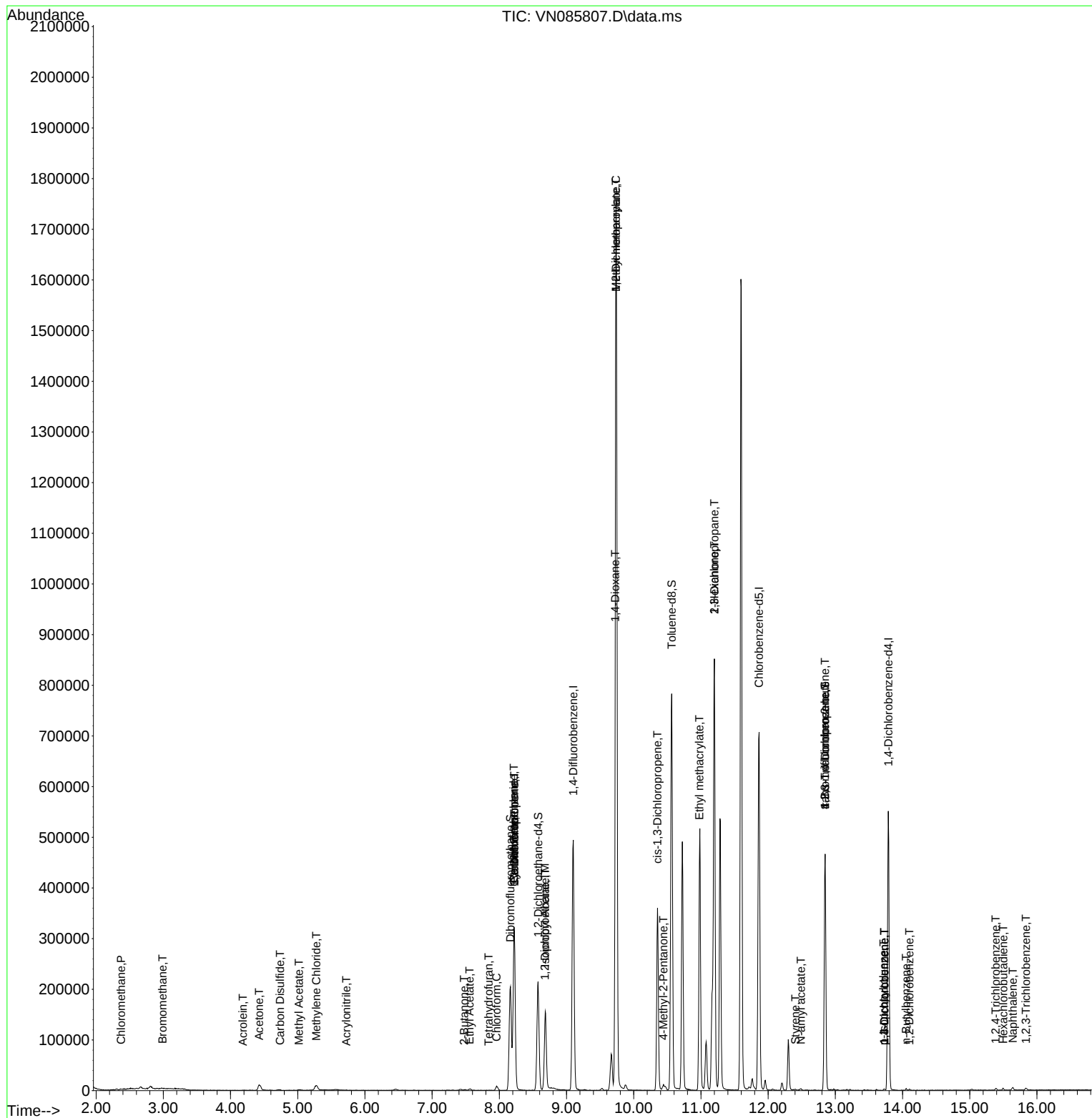
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.641	128	6030	0.911	ug/l	96
96) 1,2,3-Trichlorobenzene	15.835	180	1815	0.750	ug/l	91

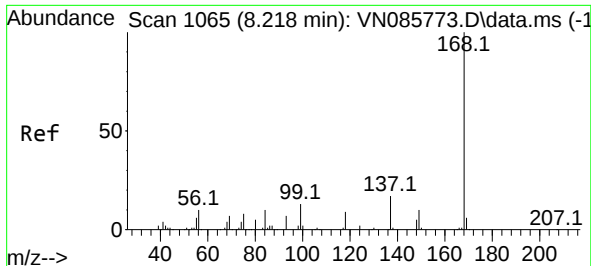
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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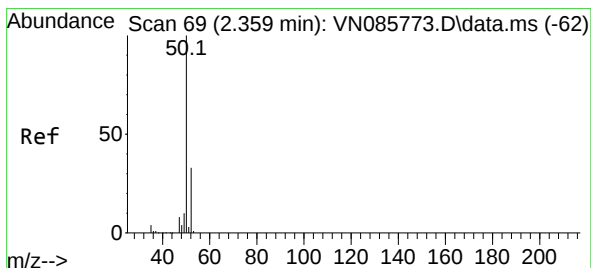
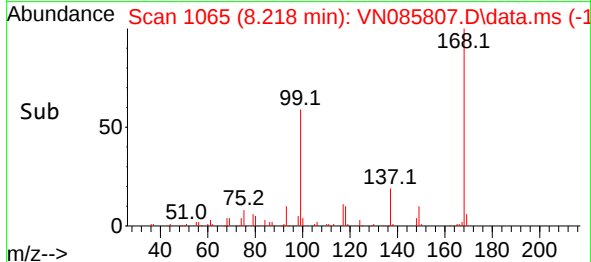
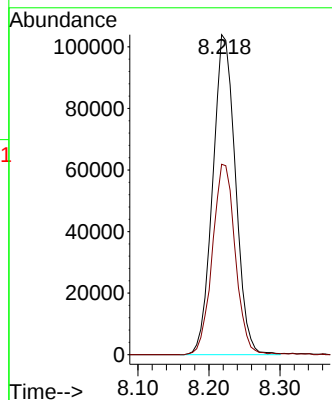
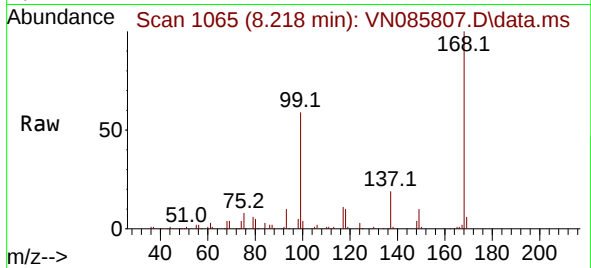




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

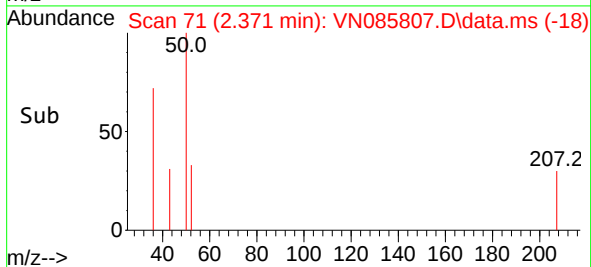
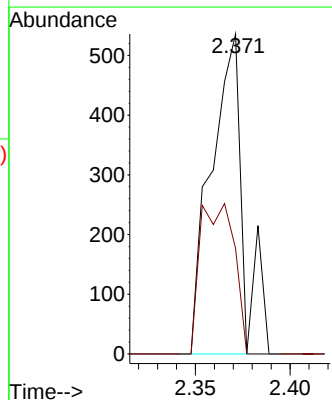
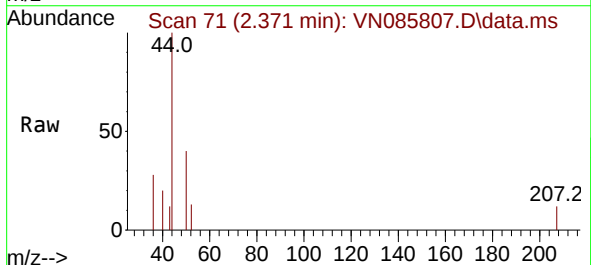
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

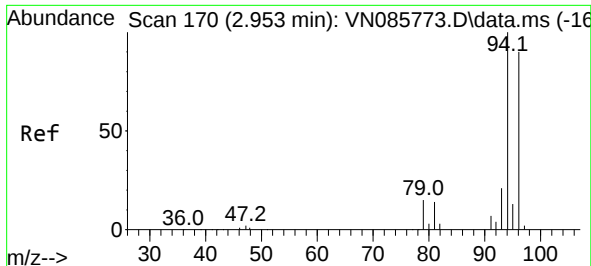
Tgt Ion:168 Resp: 230909
Ion Ratio Lower Upper
168 100
99 59.5 47.9 71.9



#3
Chloromethane
Concen: 0.201 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion: 50 Resp: 633
Ion Ratio Lower Upper
50 100
52 33.0 26.7 40.1

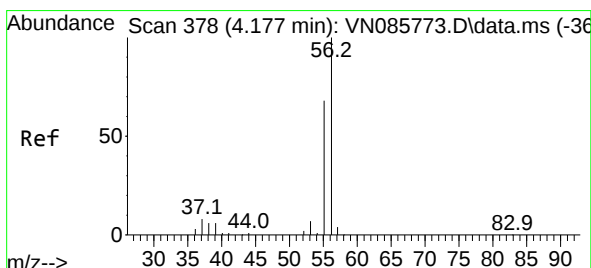
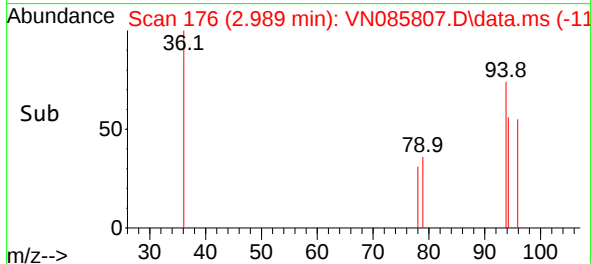
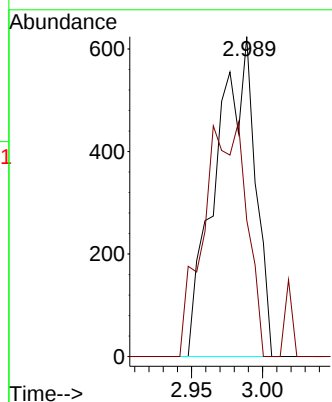
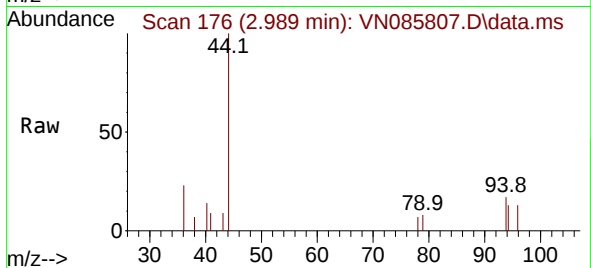




#5
Bromomethane
Concen: 0.562 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

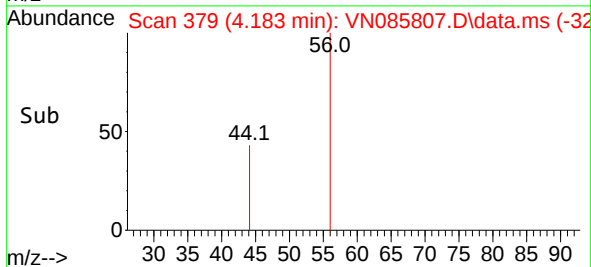
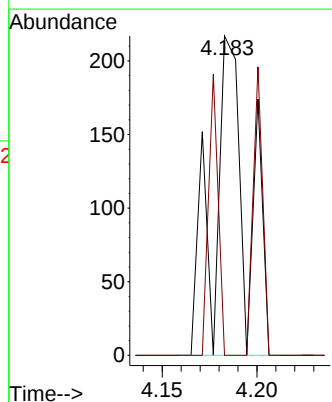
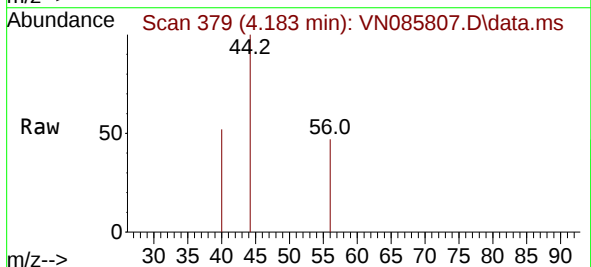
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

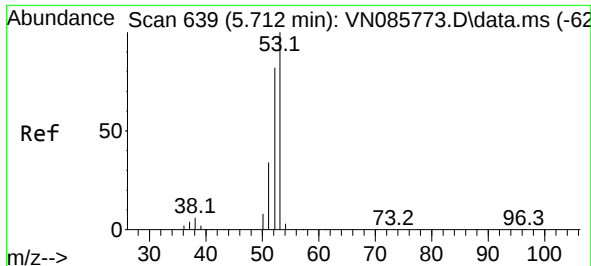
Tgt Ion: 94 Resp: 1200
Ion Ratio Lower Upper
94 100
96 42.6 71.7 107.5#



#13
Acrolein
Concen: 0.482 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion: 56 Resp: 263
Ion Ratio Lower Upper
56 100
55 25.5 55.3 82.9#

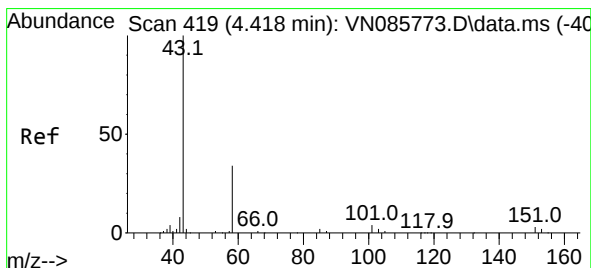
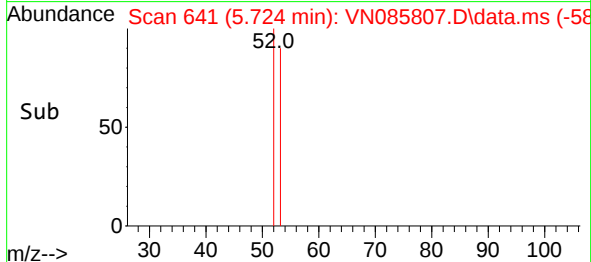
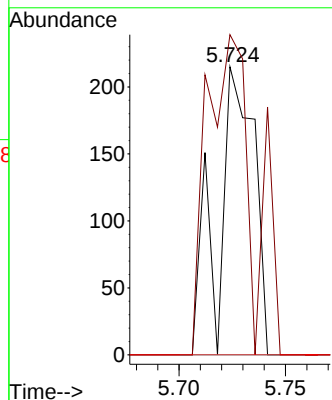
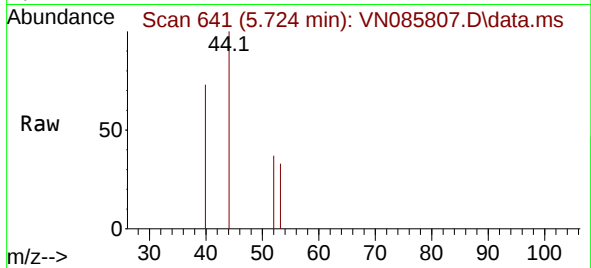




#15
Acrylonitrile
Concen: 0.212 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

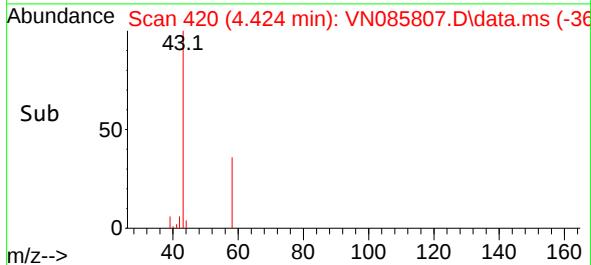
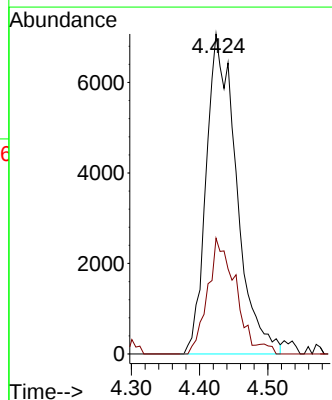
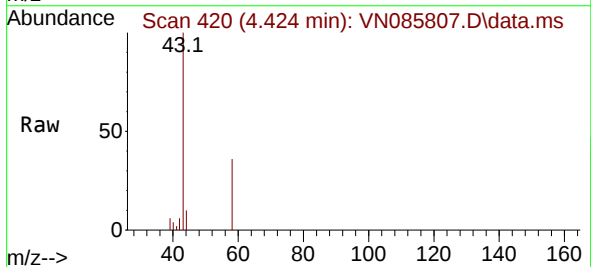
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

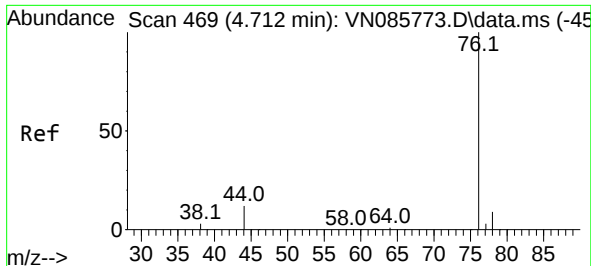
Tgt Ion: 53 Resp: 254
Ion Ratio Lower Upper
53 100
52 142.1 65.8 98.6#
51 0.0 28.6 42.8#



#16
Acetone
Concen: 23.047 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion: 43 Resp: 21831
Ion Ratio Lower Upper
43 100
58 36.2 27.5 41.3

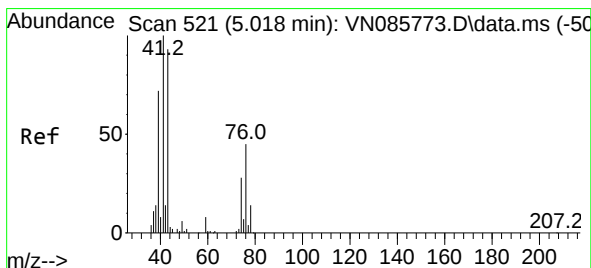
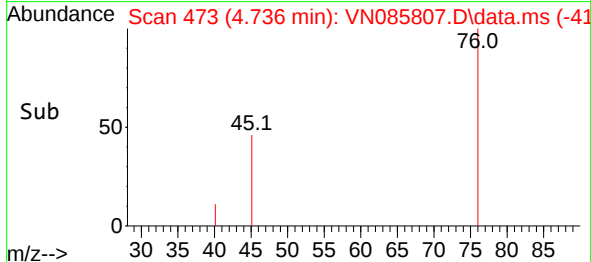
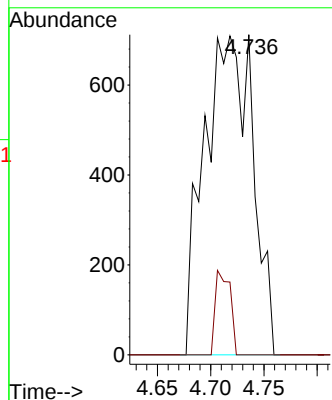
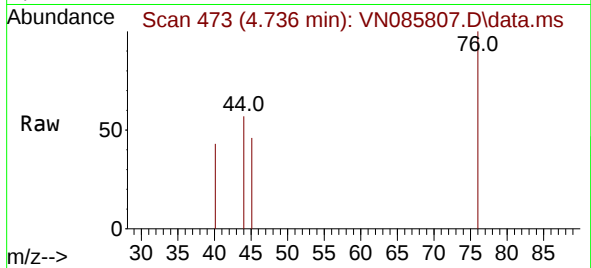




#17
Carbon Disulfide
Concen: 0.300 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

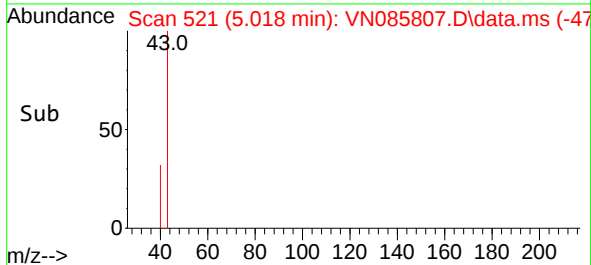
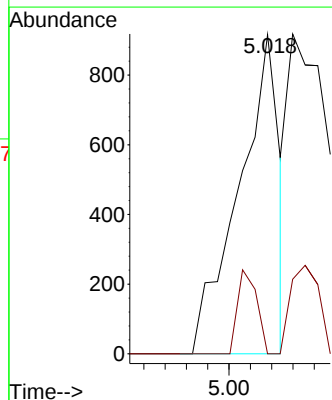
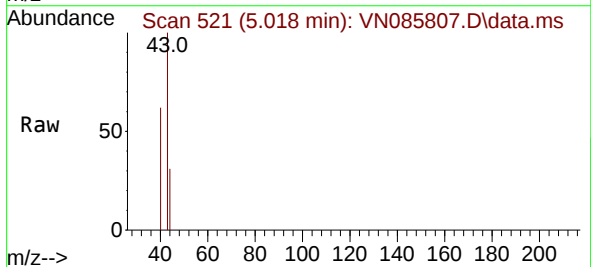
Instrument :
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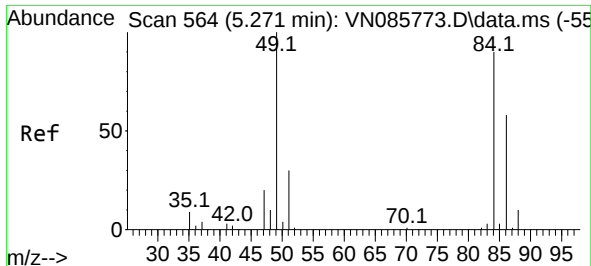
Tgt Ion: 76 Resp: 2255
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.370 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

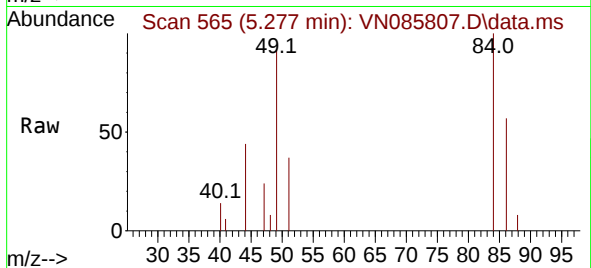
Tgt Ion: 43 Resp: 1205
Ion Ratio Lower Upper
43 100
74 12.4 22.2 33.4#



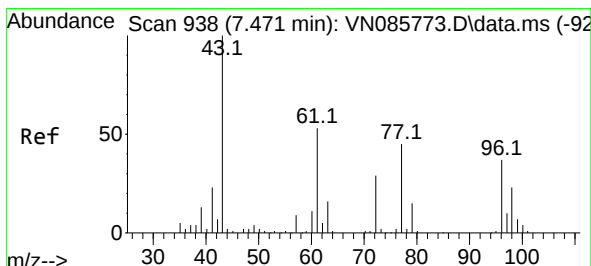
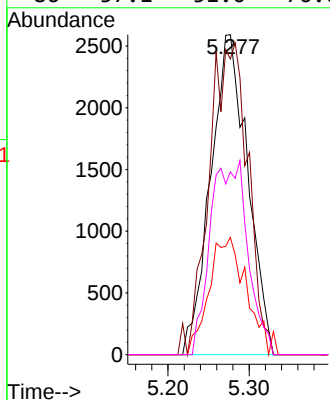
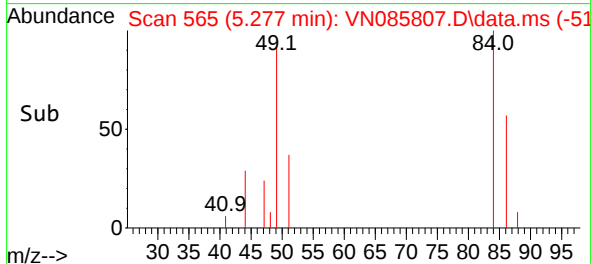


#20
Methylene Chloride
Concen: 2.693 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

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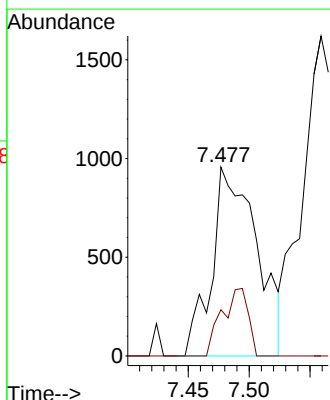
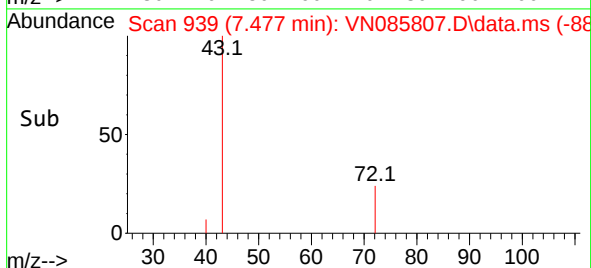
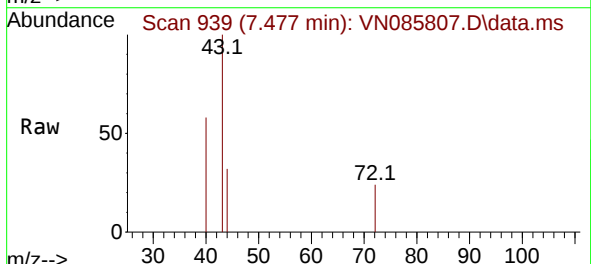


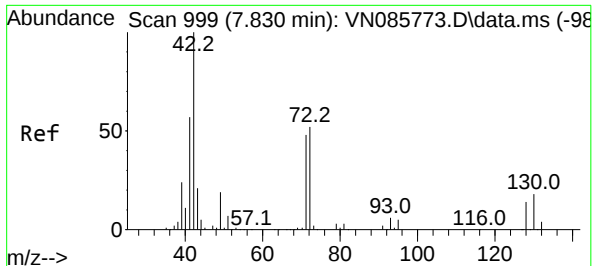
Tgt Ion: 84	Resp: 8202
Ion Ratio	Lower Upper
84 100	
49 92.4	88.4 132.6
51 36.7	26.6 40.0
86 57.1	51.0 76.6



#25
2-Butanone
Concen: 1.770 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN085807.D
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Tgt Ion: 43	Resp: 2466		
Ion Ratio	Lower	Upper	
43 100			
72 24.5	23.6	35.4	





#29

Tetrahydrofuran

Concen: 0.299 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VN085807.D

Acq: 21 Feb 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

PB166809TB

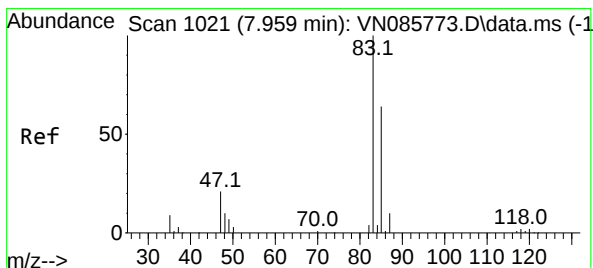
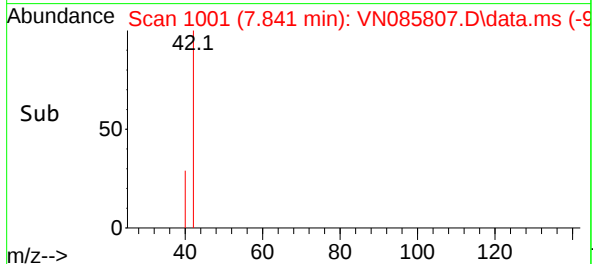
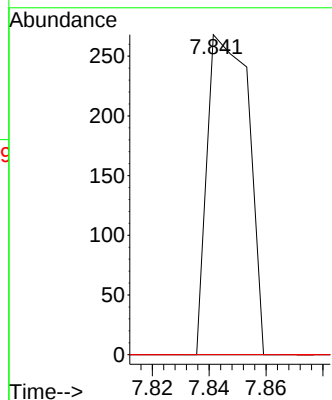
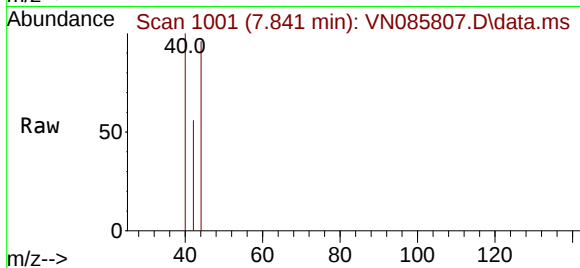
Tgt Ion: 42 Resp: 269

Ion Ratio Lower Upper

42 100

72 0.0 40.0 60.0#

71 0.0 37.0 55.4#



#30

Chloroform

Concen: 1.503 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VN085807.D

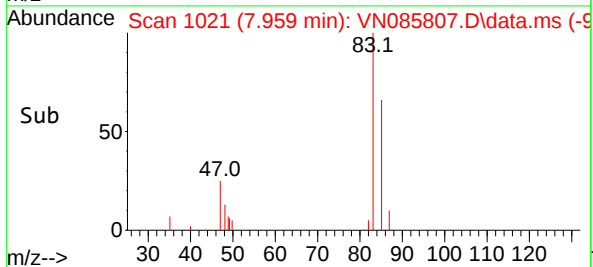
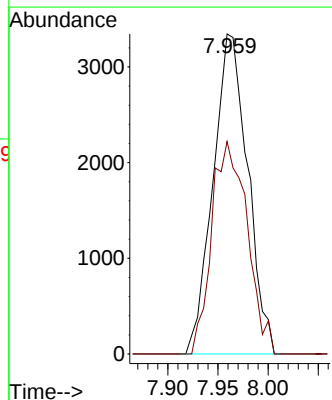
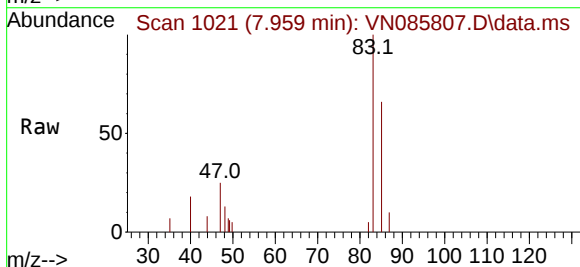
Acq: 21 Feb 2025 17:03

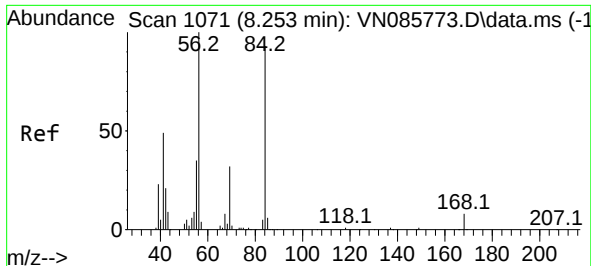
Tgt Ion: 83 Resp: 8023

Ion Ratio Lower Upper

83 100

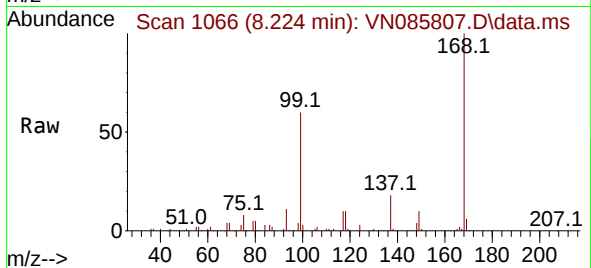
85 66.4 50.9 76.3



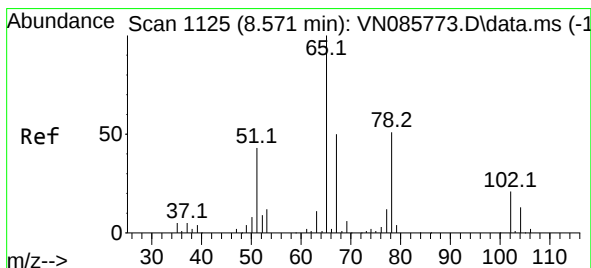
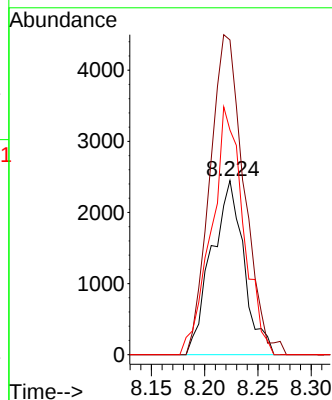
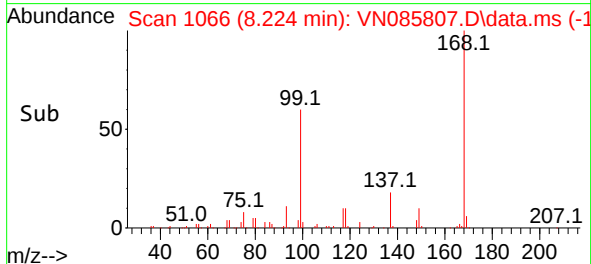


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

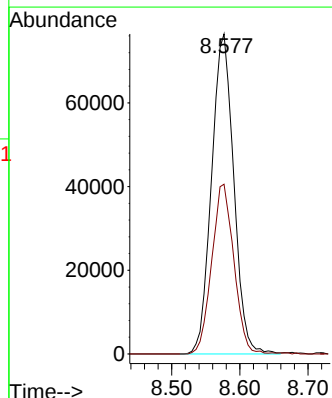
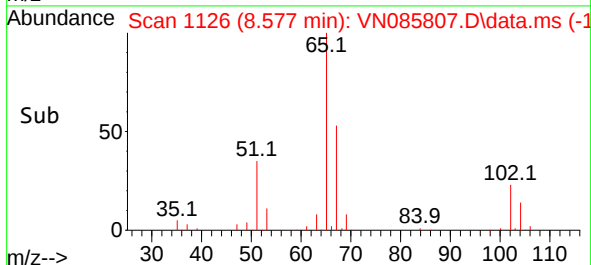
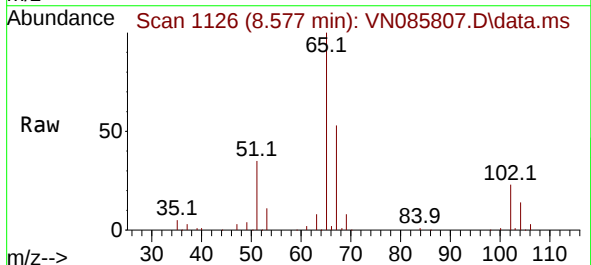


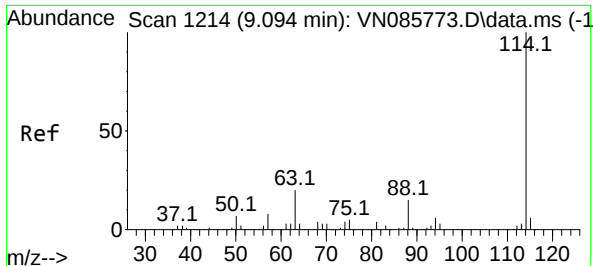
Tgt Ion: 56 Resp: 5160
Ion Ratio Lower Upper
56 100
69 180.7 25.8 38.6#
84 129.0 74.5 111.7#



#33
1,2-Dichloroethane-d4
Concen: 57.886 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion: 65 Resp: 173290
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085807.D

Acq: 21 Feb 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

PB166809TB

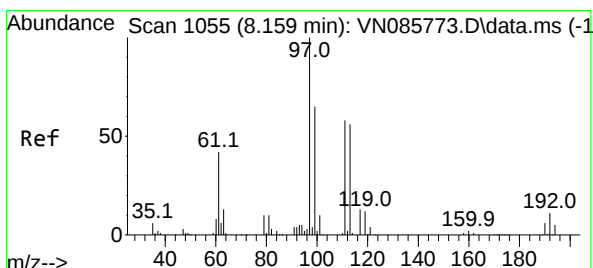
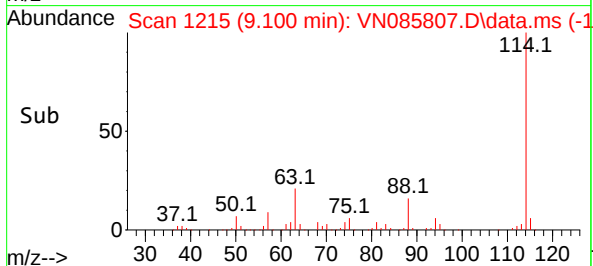
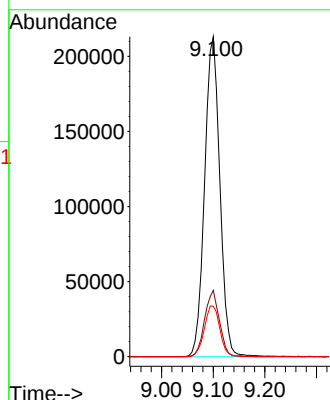
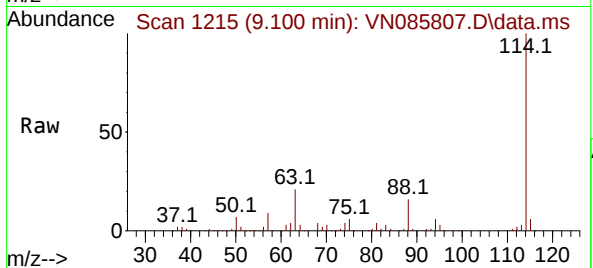
Tgt Ion:114 Resp: 437050

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

88 15.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 52.903 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085807.D

Acq: 21 Feb 2025 17:03

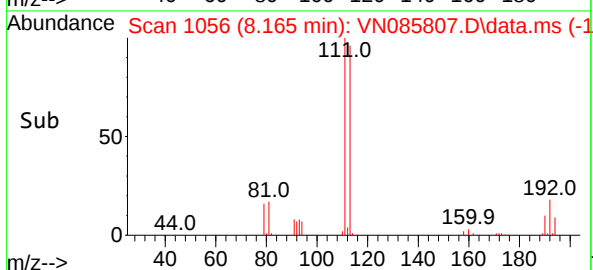
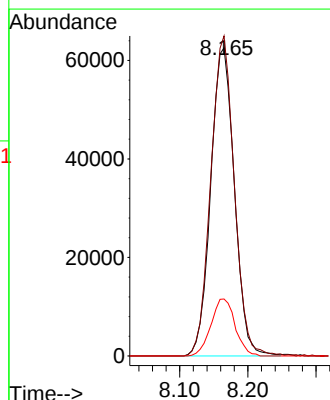
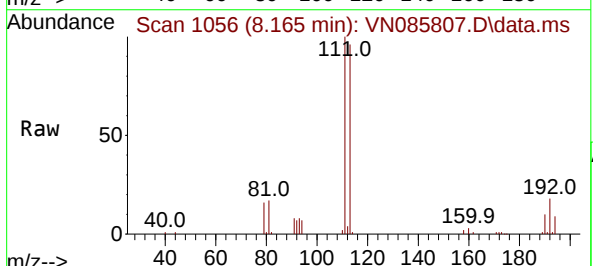
Tgt Ion:113 Resp: 151293

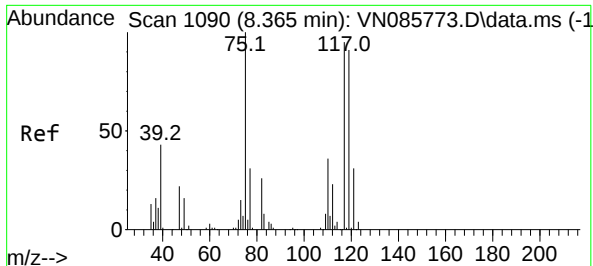
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 18.9 14.7 22.1

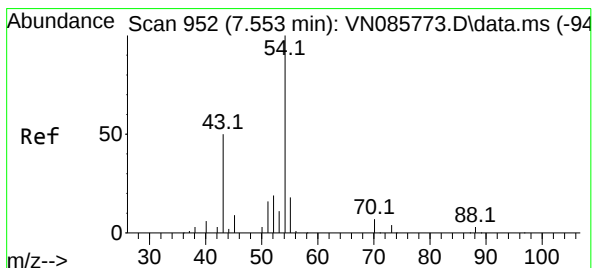
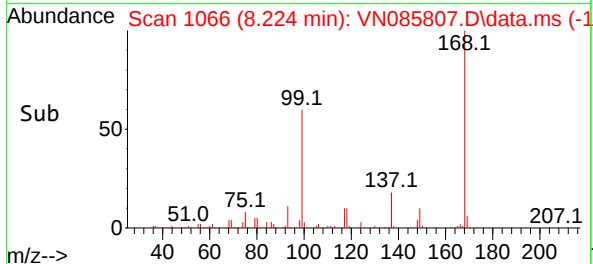
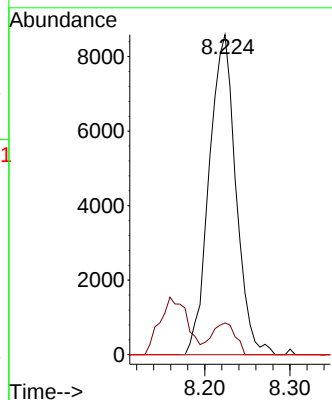
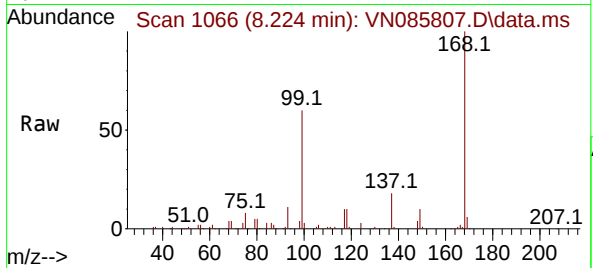




#36
1,1-Dichloropropene
Concen: 4.637 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

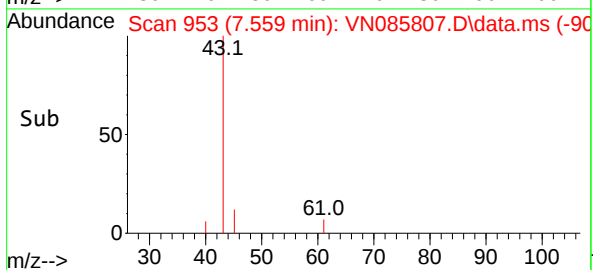
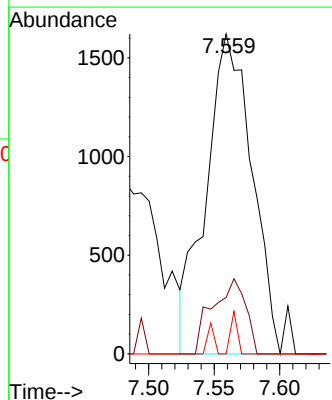
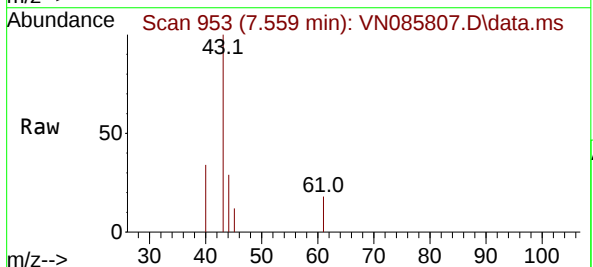
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

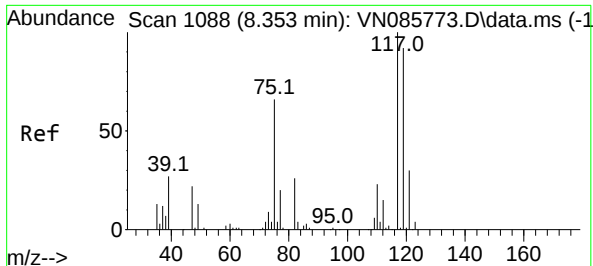
Tgt Ion: 75 Resp: 18768
Ion Ratio Lower Upper
75 100
110 9.0 17.3 52.0#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 1.181 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

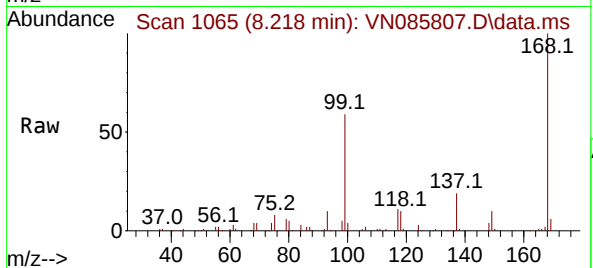
Tgt Ion: 43 Resp: 3933
Ion Ratio Lower Upper
43 100
61 17.0 12.2 18.2
70 1.9 9.5 14.3#



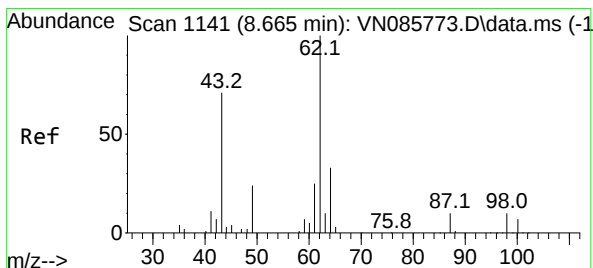
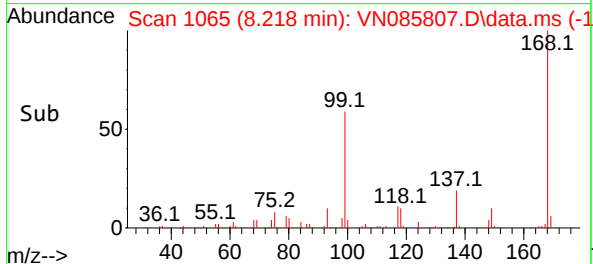
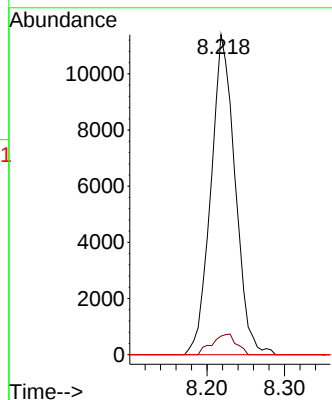


#38
Carbon Tetrachloride
Concen: 5.143 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.135 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

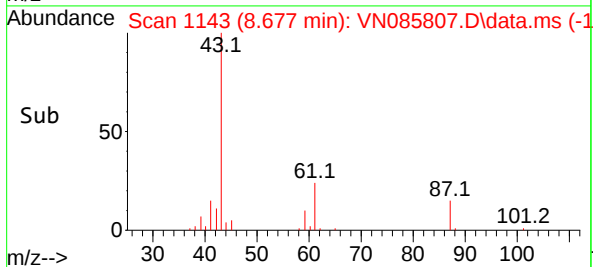
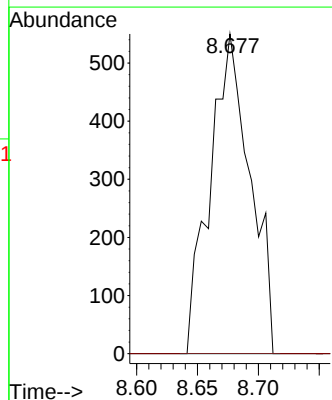
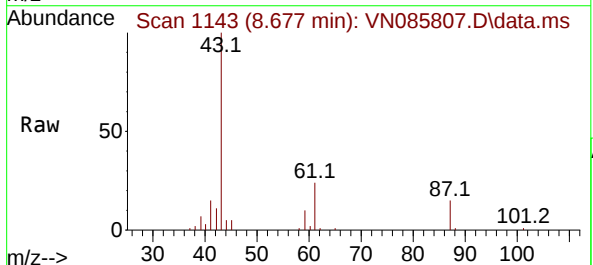


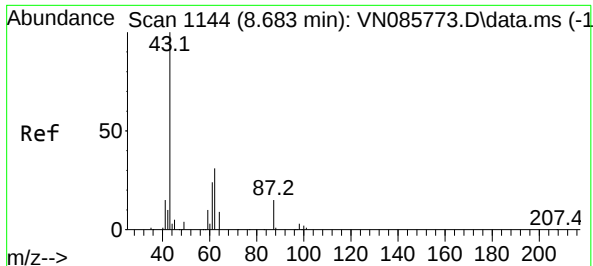
Tgt Ion:117 Resp: 24735
Ion Ratio Lower Upper
117 100
119 5.8 73.8 110.6#
121 0.0 24.3 36.5#



#42
1,2-Dichloroethane
Concen: 0.299 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.012 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion: 62 Resp: 1264
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.6





#43

Isopropyl Acetate

Concen: 27.869 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085807.D

Acq: 21 Feb 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

PB166809TB

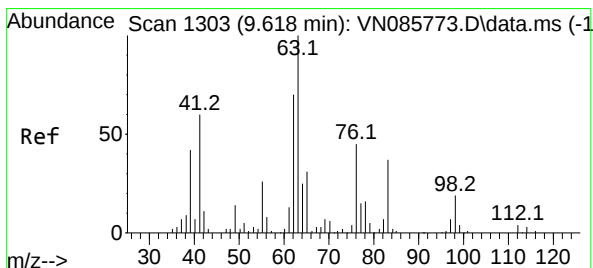
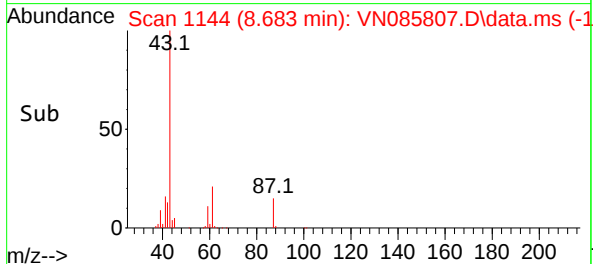
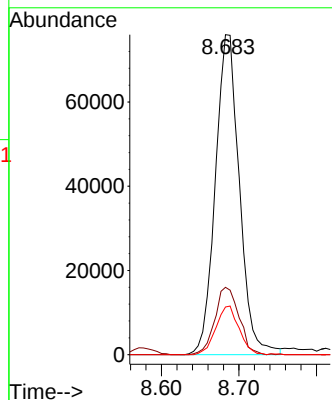
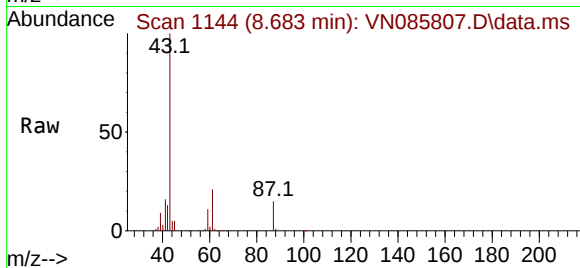
Tgt Ion: 43 Resp: 164323

Ion Ratio Lower Upper

43 100

61 21.1 22.6 34.0#

87 14.5 11.8 17.8



#45

1,2-Dichloropropane

Concen: 0.781 ug/l

RT: 9.735 min Scan# 1323

Delta R.T. 0.118 min

Lab File: VN085807.D

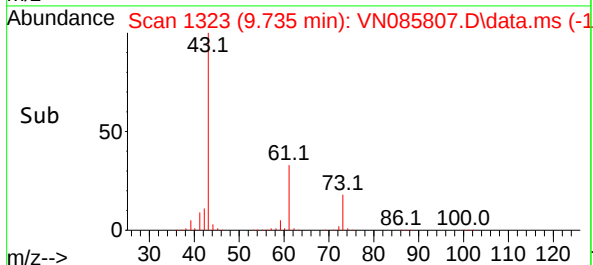
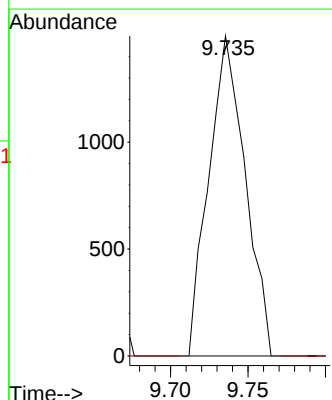
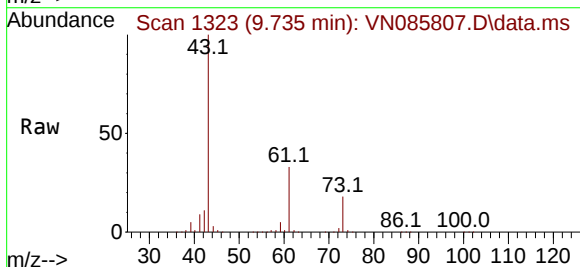
Acq: 21 Feb 2025 17:03

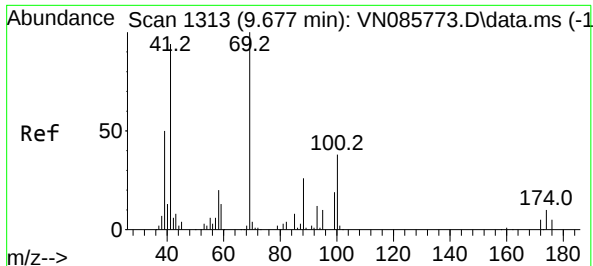
Tgt Ion: 63 Resp: 2446

Ion Ratio Lower Upper

63 100

65 0.0 25.1 37.7#

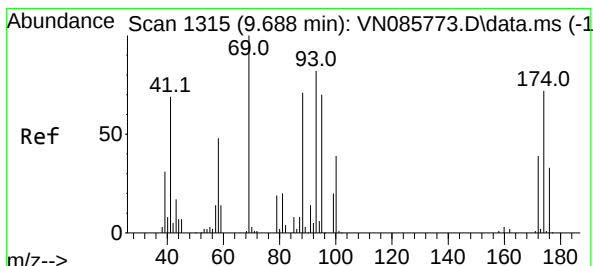
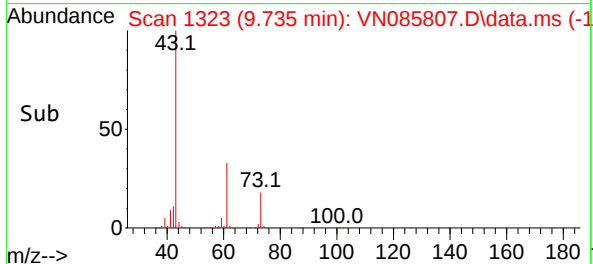
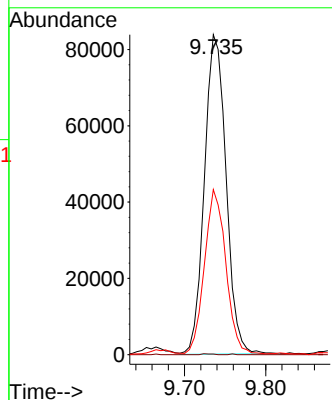
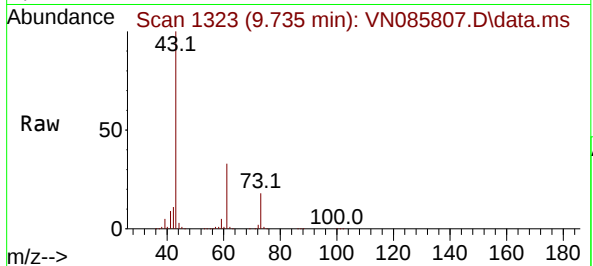




#48
Methyl methacrylate
Concen: 62.673 ug/l
RT: 9.735 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

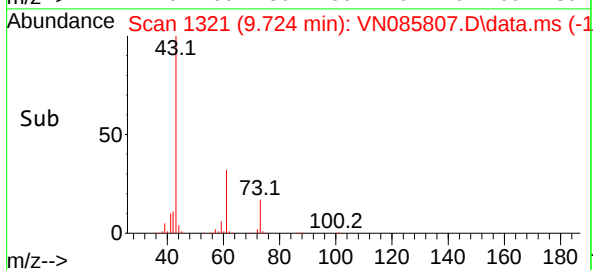
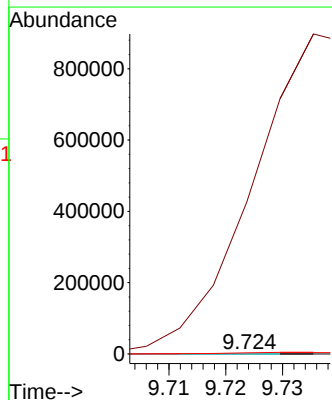
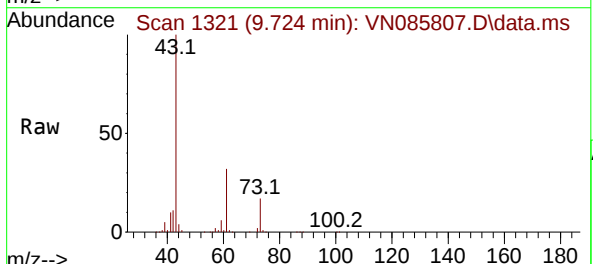
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

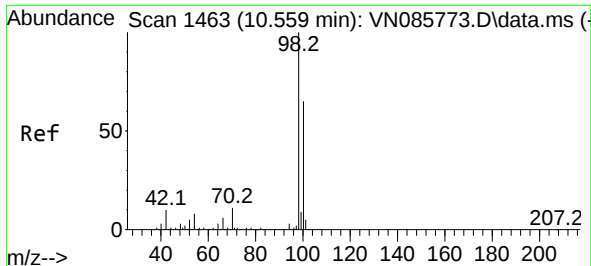
Tgt Ion: 41 Resp: 155033
Ion Ratio Lower Upper
41 100
69 0.1 76.0 114.0#
39 50.6 42.3 63.5



#49
1,4-Dioxane
Concen: 1.254 ug/l
RT: 9.724 min Scan# 1321
Delta R.T. 0.036 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 2758127.1 18.6 27.8#
58 16518.6 56.7 85.1#

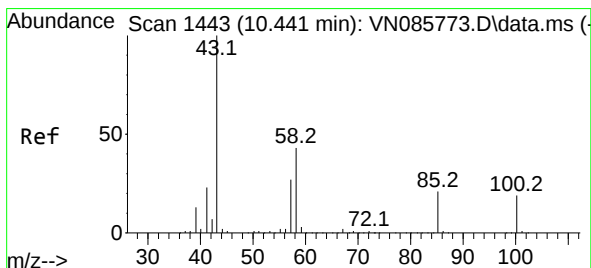
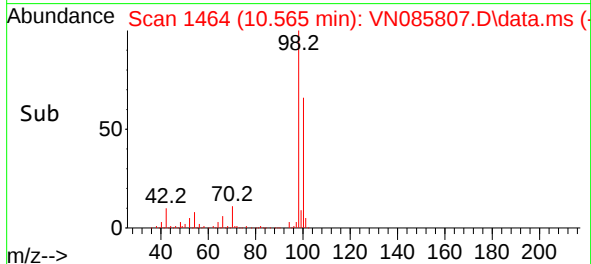
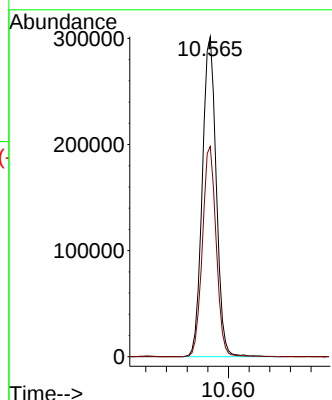
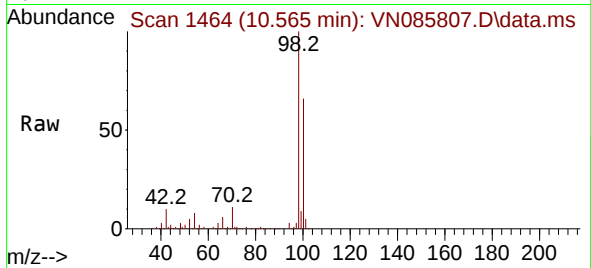




#50
Toluene-d8
Concen: 54.281 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

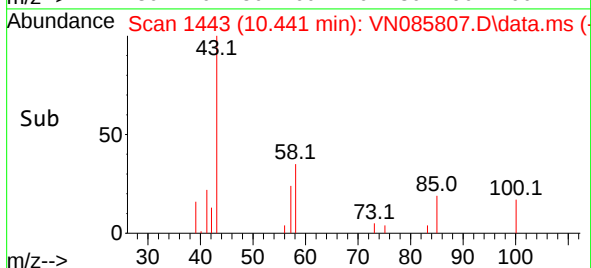
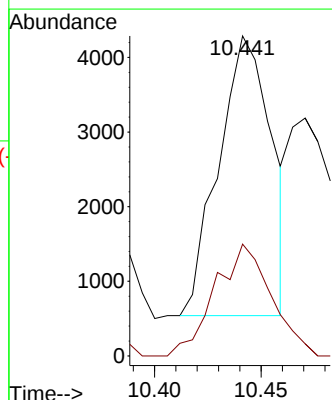
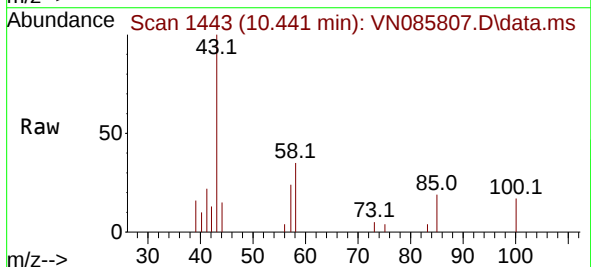
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

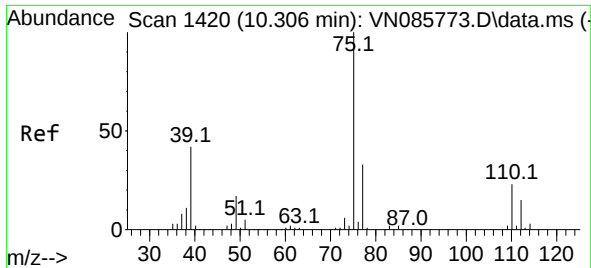
Tgt Ion: 98 Resp: 564793
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 2.014 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion: 43 Resp: 6469
Ion Ratio Lower Upper
43 100
58 42.7 34.6 52.0

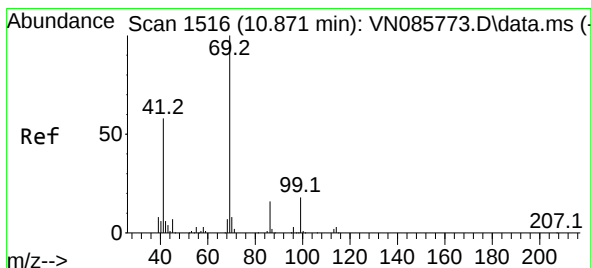
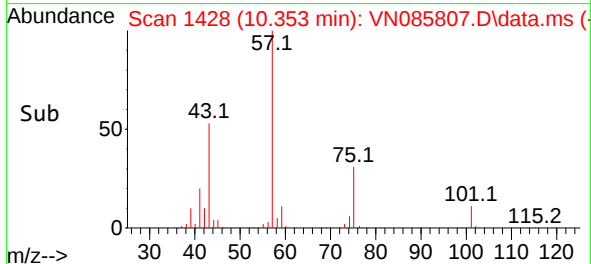
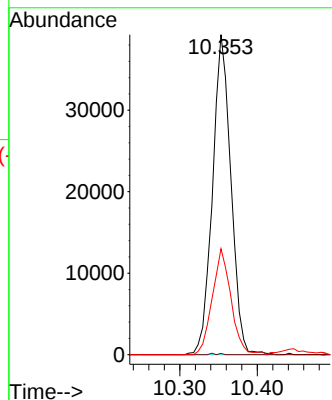
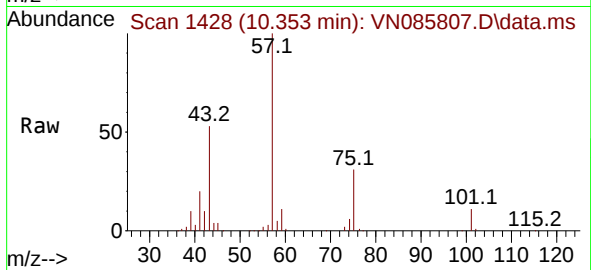




#54
cis-1,3-Dichloropropene
Concen: 13.525 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.047 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

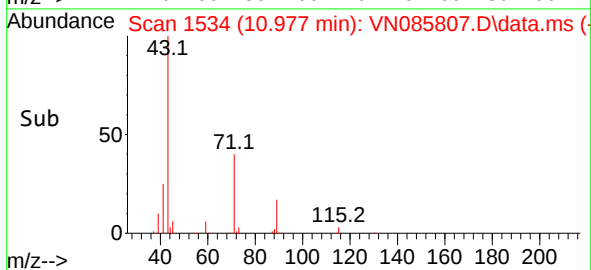
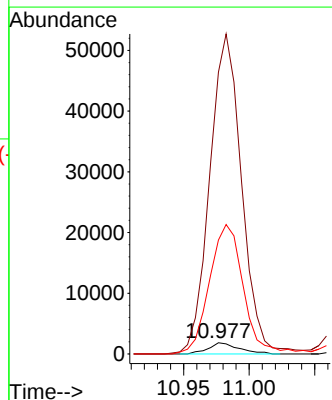
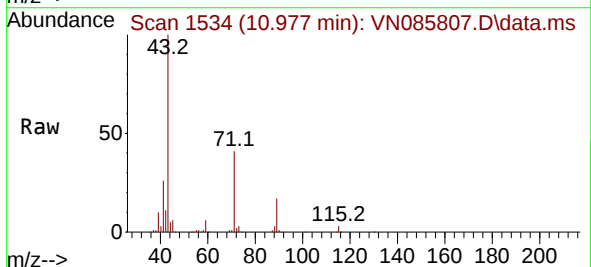
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

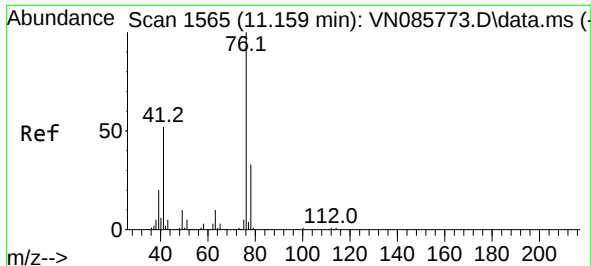
Tgt Ion: 75 Resp: 64803
Ion Ratio Lower Upper
75 100
77 0.4 26.1 39.1#
39 33.1 33.4 50.0#



#56
Ethyl methacrylate
Concen: 1.228 ug/l
RT: 10.977 min Scan# 1534
Delta R.T. 0.106 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion: 69 Resp: 2996
Ion Ratio Lower Upper
69 100
41 2984.4 46.0 69.0#
39 1285.4 22.0 33.0#





#57

1,3-Dichloropropane

Concen: 1.820 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.041 min

Lab File: VN085807.D

Acq: 21 Feb 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

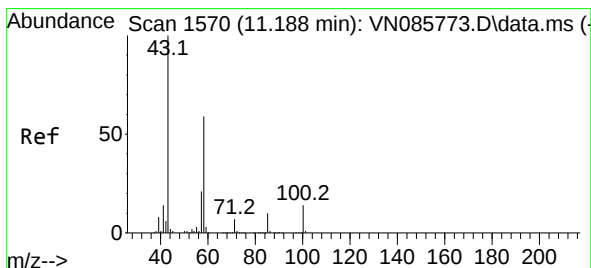
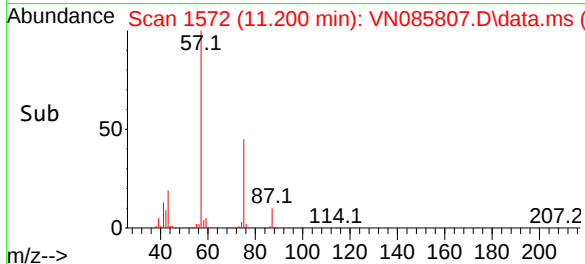
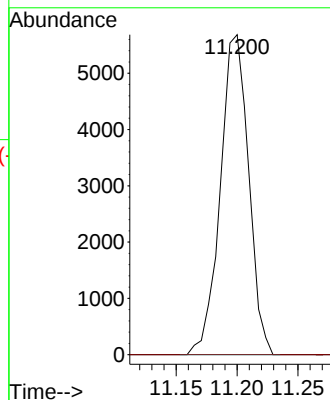
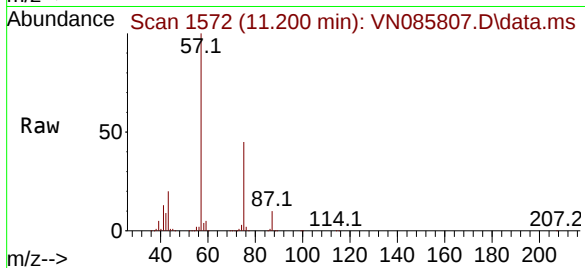
PB166809TB

Tgt Ion: 76 Resp: 9185

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 50.374 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.012 min

Lab File: VN085807.D

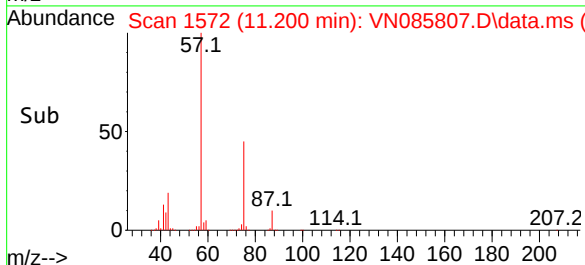
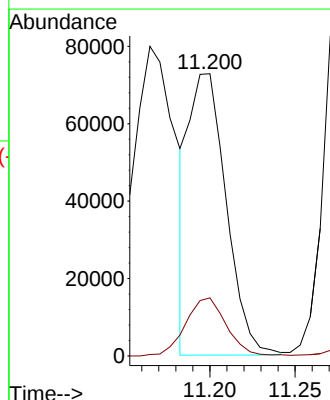
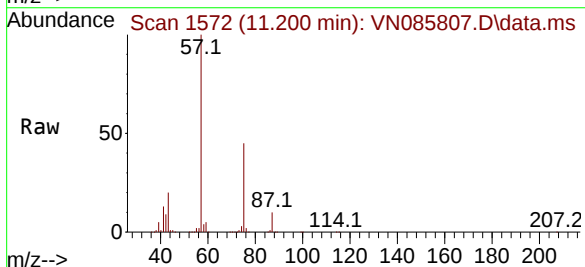
Acq: 21 Feb 2025 17:03

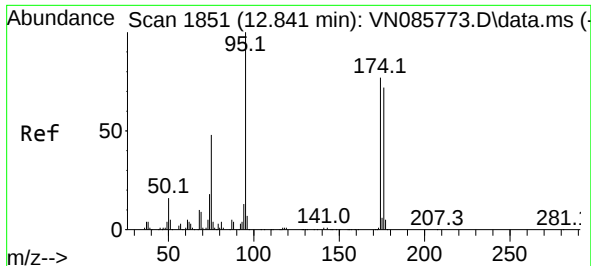
Tgt Ion: 43 Resp: 111288

Ion Ratio Lower Upper

43 100

58 22.5 29.8 89.5#

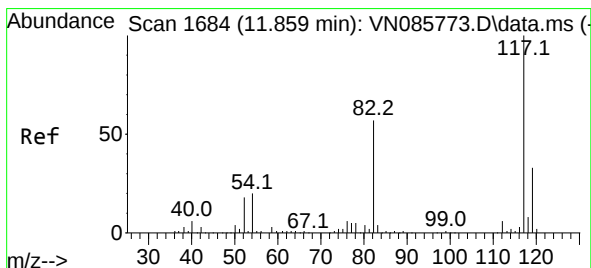
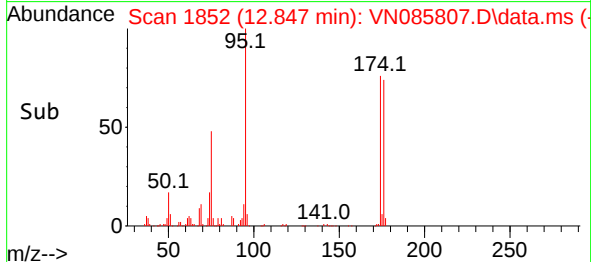
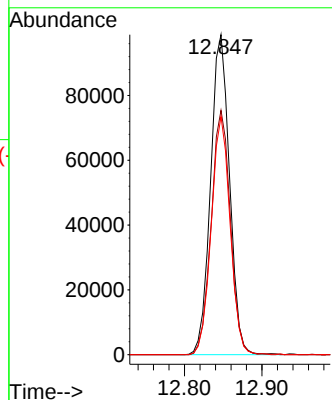
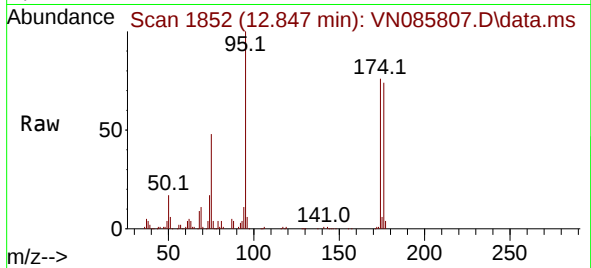




#62
4-Bromofluorobenzene
Concen: 48.862 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

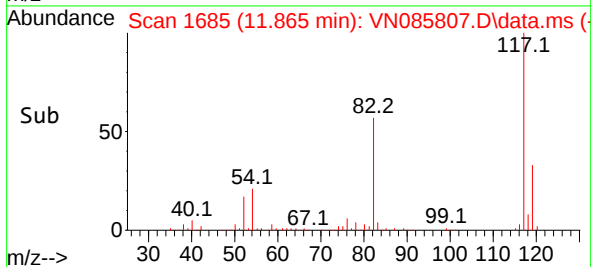
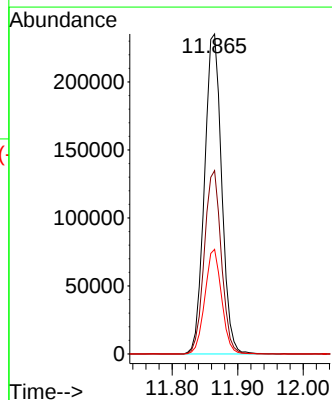
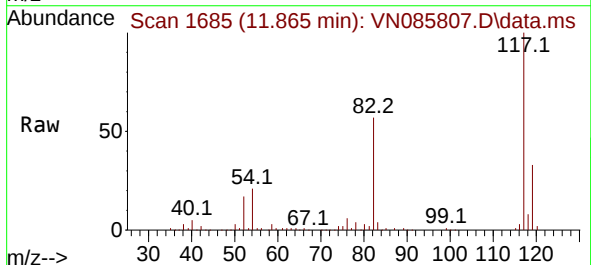
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

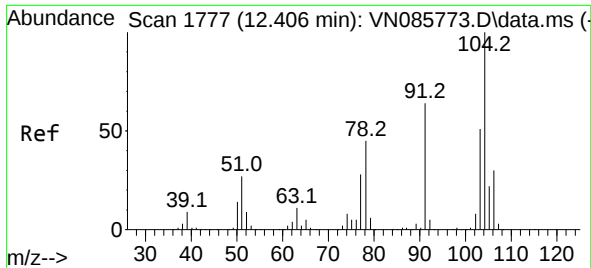
Tgt Ion: 95 Resp: 167508
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.4
176 74.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion: 117 Resp: 428742
Ion Ratio Lower Upper
117 100
82 57.3 45.7 68.5
119 32.7 26.2 39.2

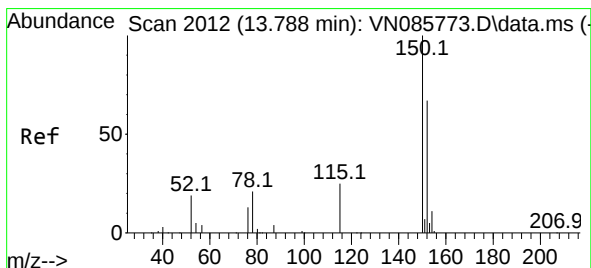
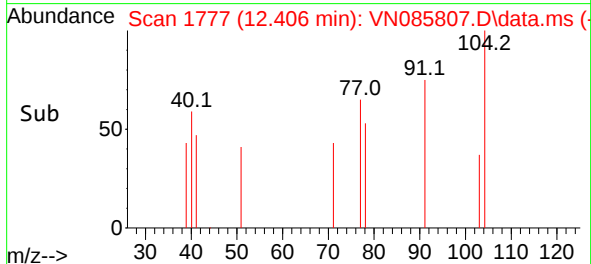
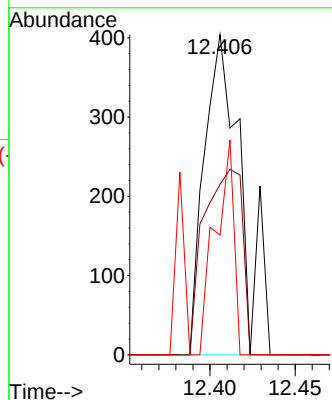
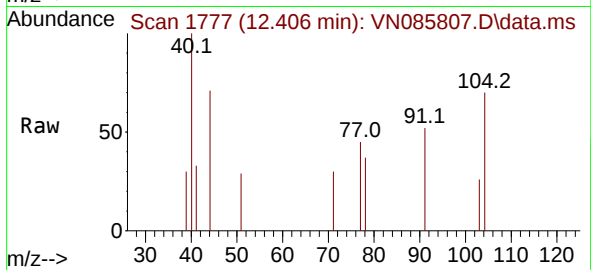




#70
Styrene
Concen: 0.648 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

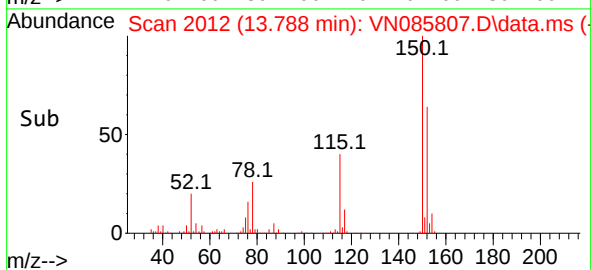
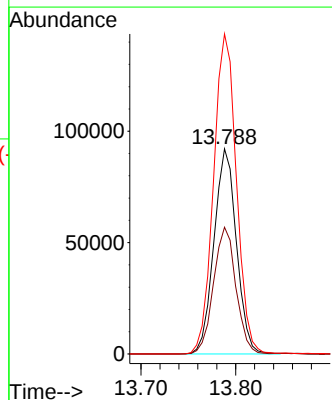
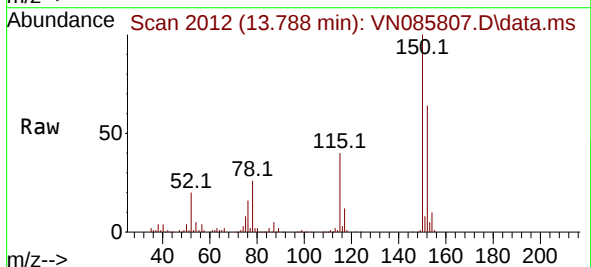
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

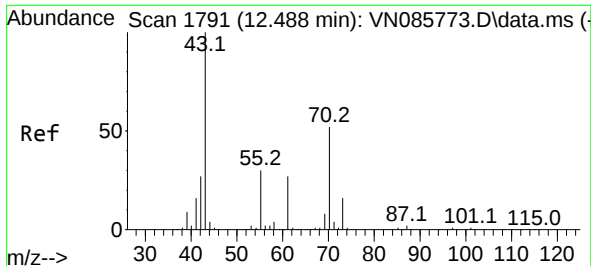
Tgt Ion:104 Resp: 608
Ion Ratio Lower Upper
104 100
78 60.0 39.0 58.6#
103 33.9 43.3 64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion:152 Resp: 151786
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.3
150 158.9 0.0 345.4

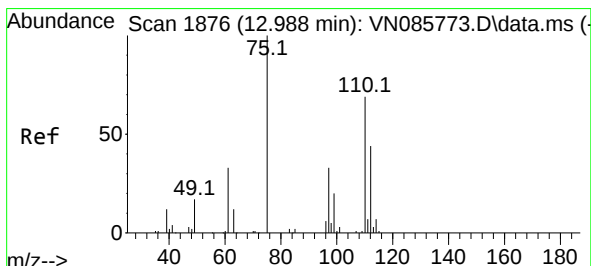
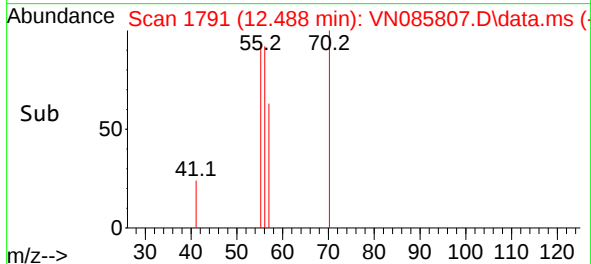
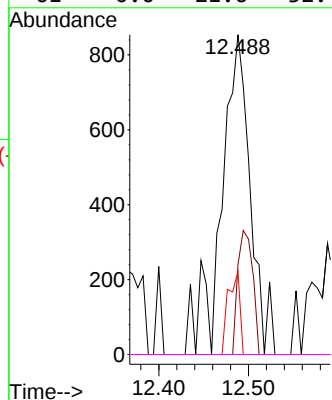
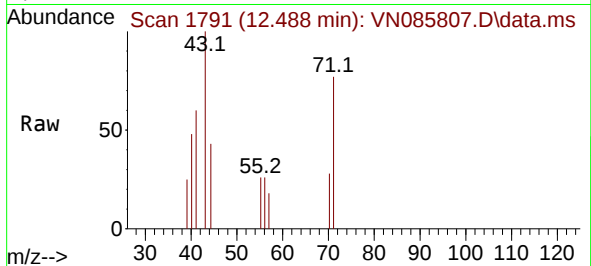




#74
N-amy1 acetate
Concen: 0.528 ug/l
RT: 12.488 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

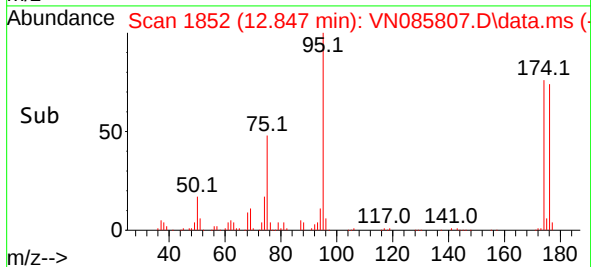
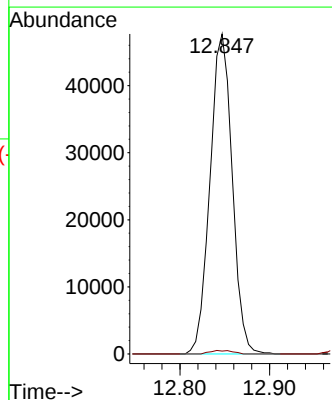
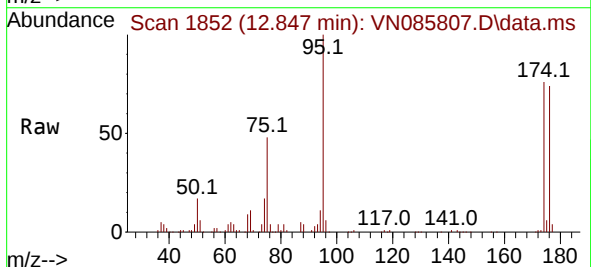
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

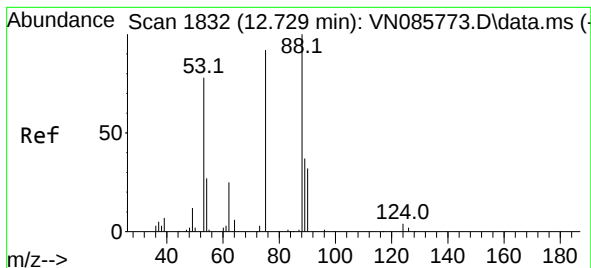
Tgt Ion: 43	Resp: 1936
Ion Ratio	Lower Upper
43 100	
70 19.7	41.0 61.4#
55 10.3	24.6 36.8#
61 0.0	21.6 32.4#



#76
1,2,3-Trichloropropane
Concen: 24.314 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion: 75	Resp: 81980
Ion Ratio	Lower Upper
75 100	
77 1.1	100.0 300.0#

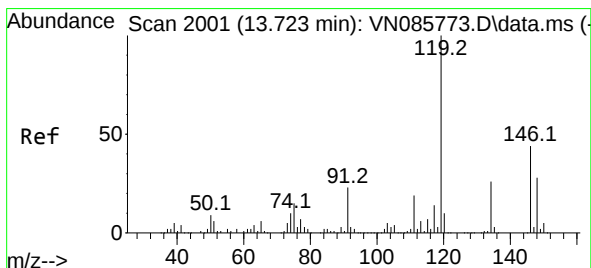
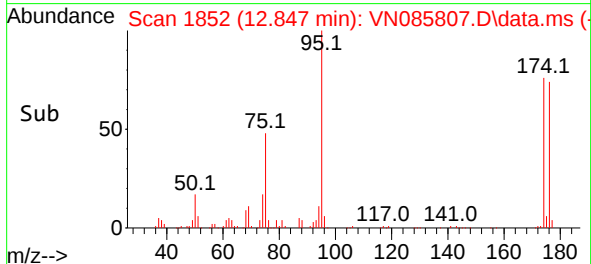
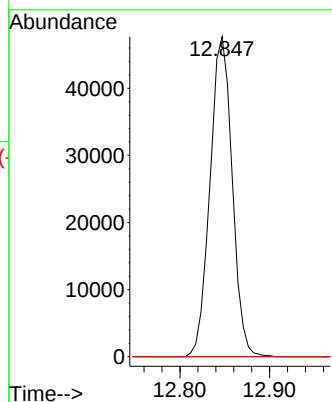
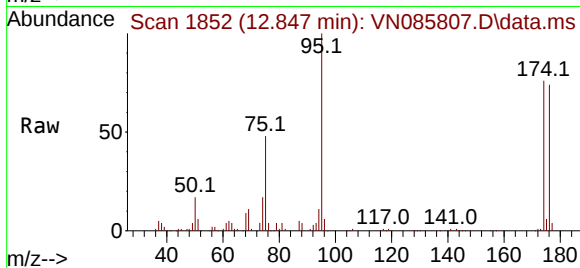




#81
trans-1,4-Dichloro-2-butene
Concen: 70.943 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

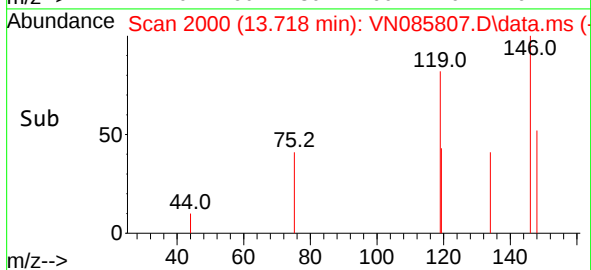
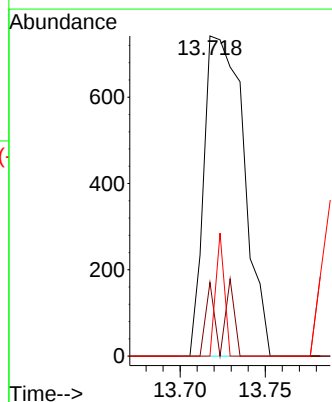
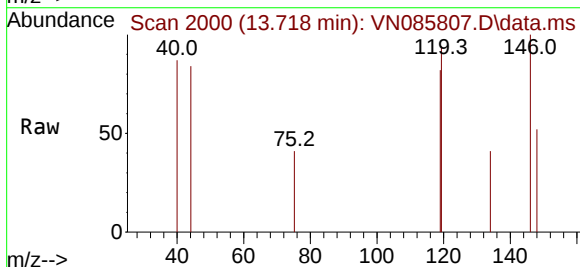
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

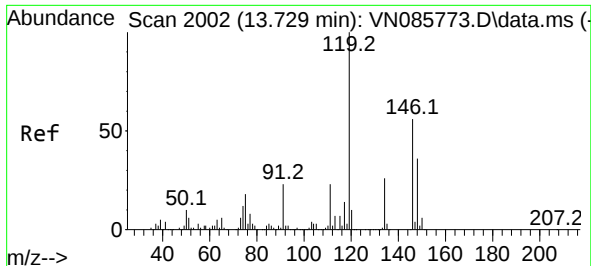
Tgt Ion: 75 Resp: 81980
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.9 52.3#



#86
p-Isopropyltoluene
Concen: 0.765 ug/l
RT: 13.718 min Scan# 2000
Delta R.T. -0.005 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

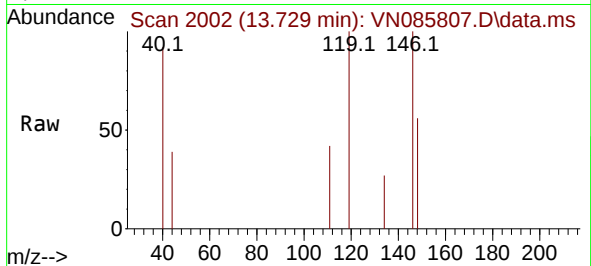
Tgt Ion: 119 Resp: 1203
Ion Ratio Lower Upper
119 100
134 10.3 13.0 39.0#
91 8.4 11.7 35.1#



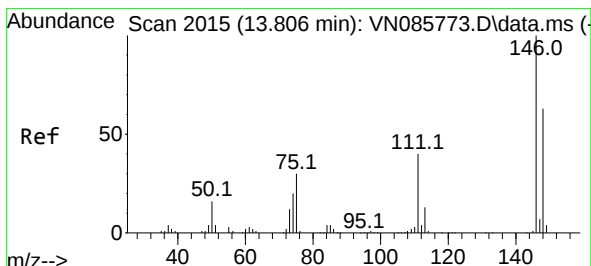
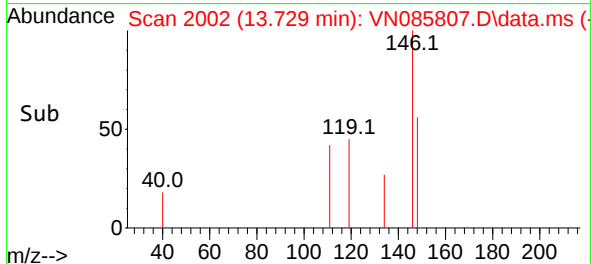
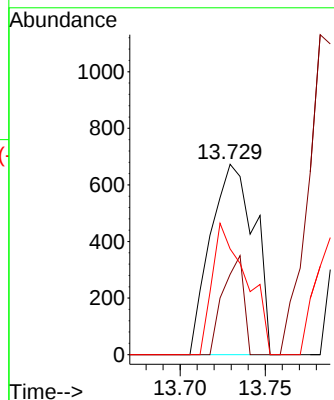


#87
1,3-Dichlorobenzene
Concen: 0.230 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

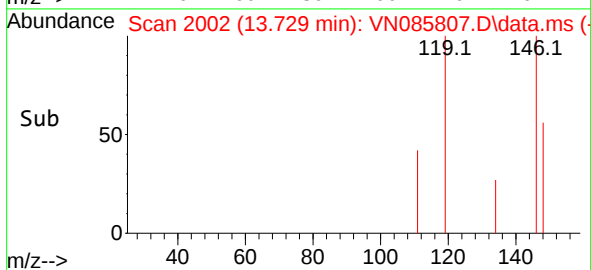
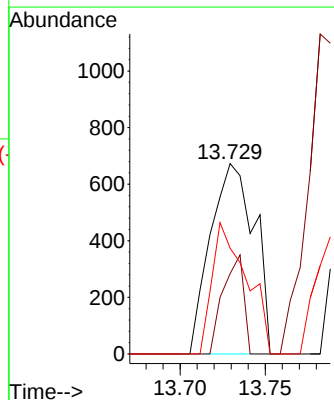
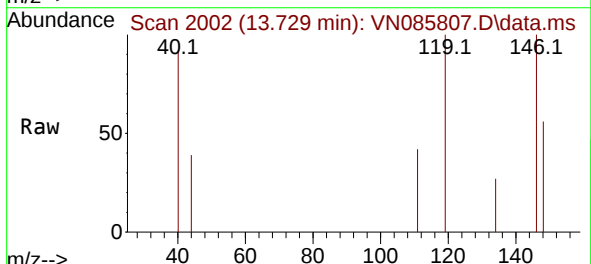


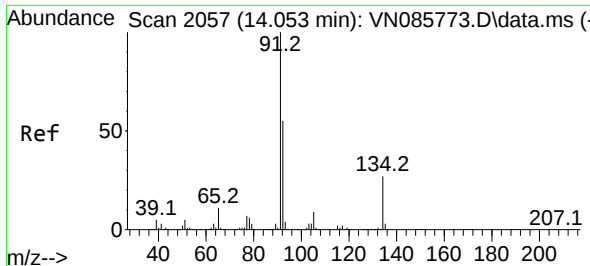
Tgt Ion:146 Resp: 1209
Ion Ratio Lower Upper
146 100
111 24.3 21.1 63.3
148 54.1 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 0.224 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.076 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion:146 Resp: 1209
Ion Ratio Lower Upper
146 100
111 24.3 20.4 61.3
148 54.1 31.8 95.4

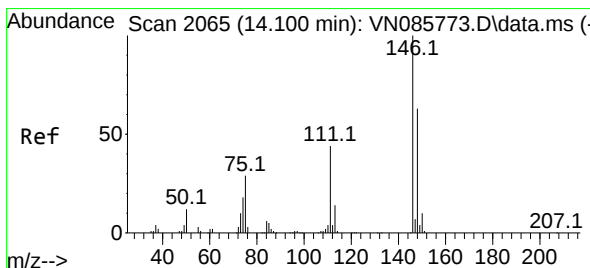
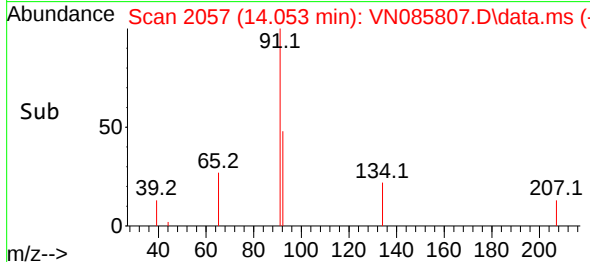
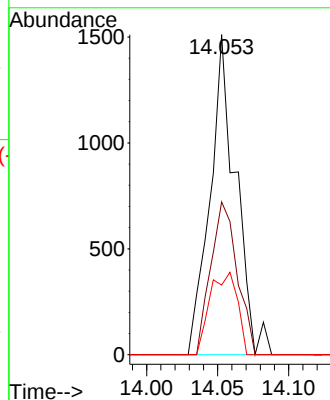
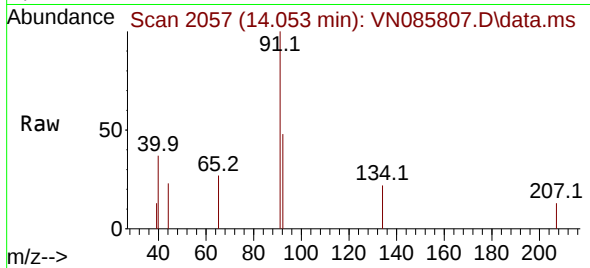




#89
n-Butylbenzene
Concen: 0.267 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

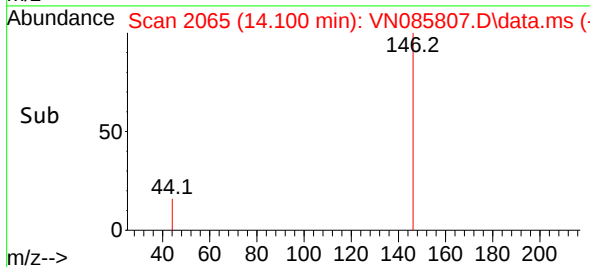
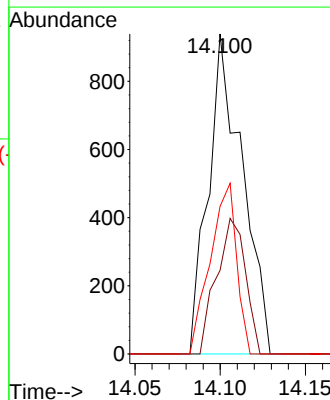
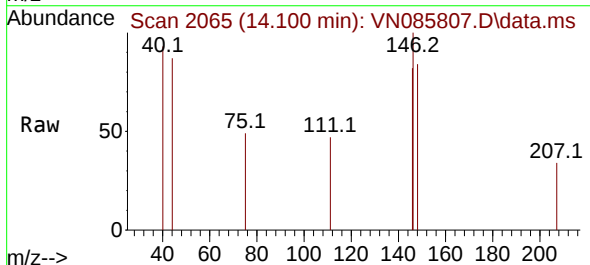
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

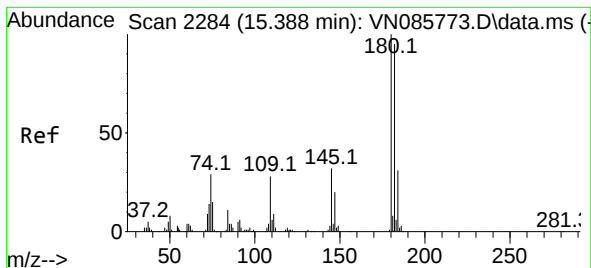
Tgt Ion: 91	Resp:	1910	
Ion	Ratio	Lower	Upper
91	100		
92	49.0	27.1	81.3
134	27.3	12.7	38.1



#91
1,2-Dichlorobenzene
Concen: 0.257 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion:146	Resp:	1303	
Ion	Ratio	Lower	Upper
146	100		
111	36.1	21.4	64.3
148	41.3	32.0	96.2





#93

1,2,4-Trichlorobenzene

Concen: 0.621 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085807.D

Acq: 21 Feb 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

PB166809TB

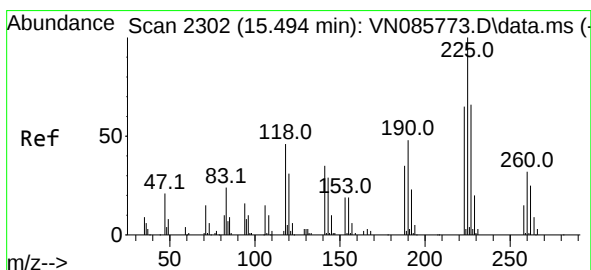
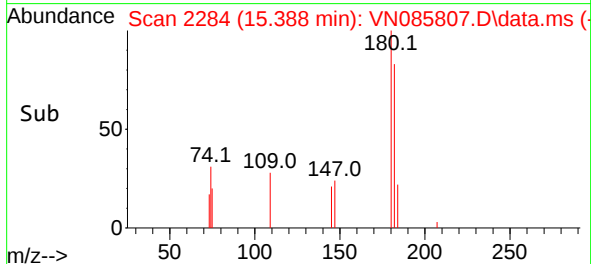
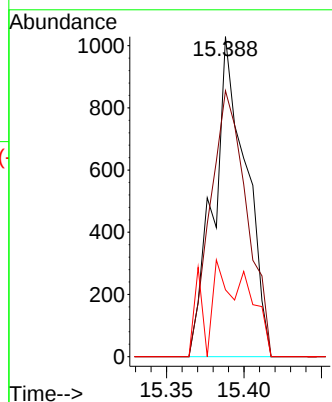
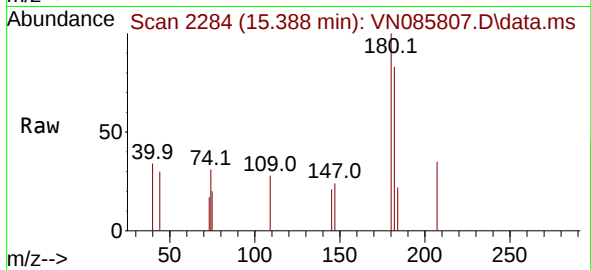
Tgt Ion:180 Resp: 1497

Ion Ratio Lower Upper

180 100

182 93.2 47.3 141.9

145 23.4 16.2 48.5



#94

Hexachlorobutadiene

Concen: 0.838 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085807.D

Acq: 21 Feb 2025 17:03

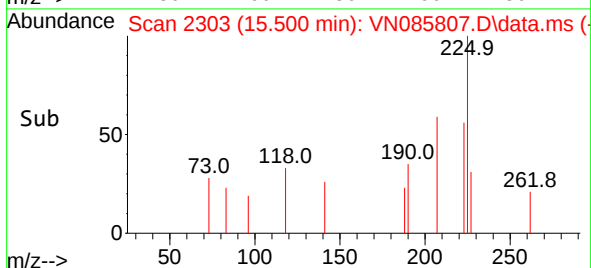
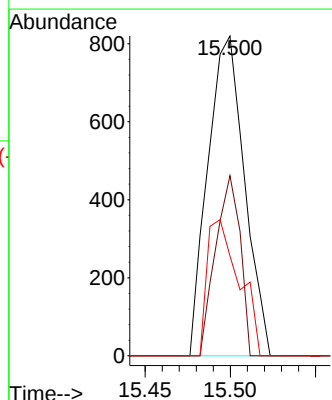
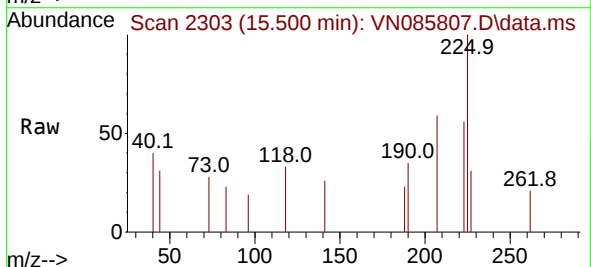
Tgt Ion:225 Resp: 1228

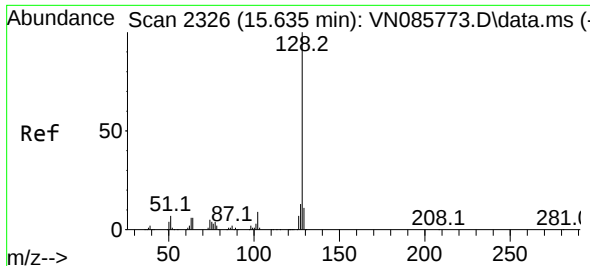
Ion Ratio Lower Upper

225 100

223 37.7 31.9 95.5

227 37.2 32.2 96.6

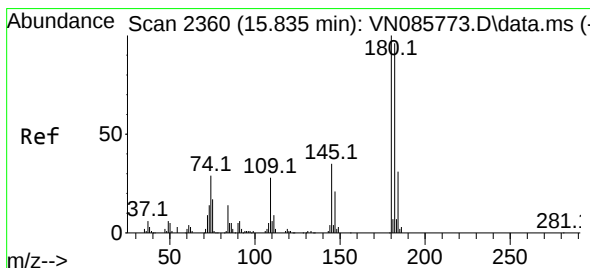
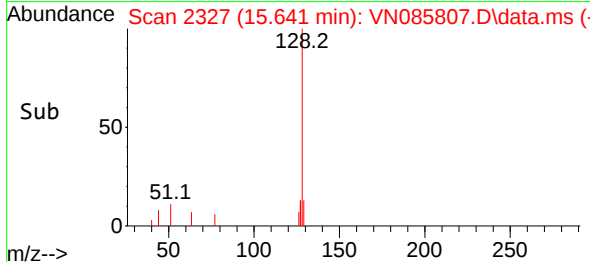
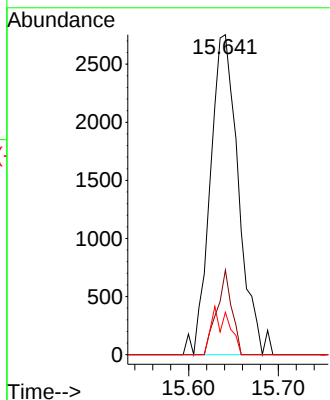
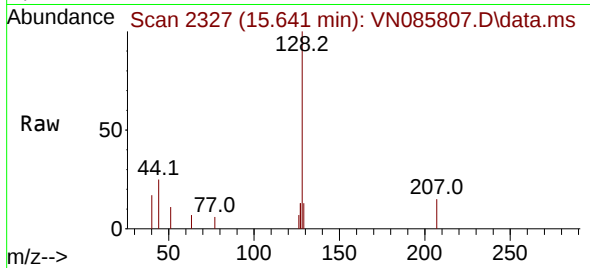




#95
Naphthalene
Concen: 0.911 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

Tgt Ion:128 Resp: 6030
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 9.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.750 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion:180 Resp: 1815
Ion Ratio Lower Upper
180 100
182 106.0 47.3 141.8
145 34.1 16.9 50.6

