

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085043.D
 Acq On : 26 Nov 2024 15:23
 Operator : JC\MD
 Sample : PB165249TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB165249TB

Quant Time: Nov 27 05:15:21 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	8.218	168	146335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102141	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	108433	52.020	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.040%	
35) Dibromofluoromethane	8.165	113	87725	49.464	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.920%	
50) Toluene-d8	10.565	98	314488	49.480	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.960%	
62) 4-Bromofluorobenzene	12.847	95	116617	49.063	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.120%	

Target Compounds				Qvalue		
5) Bromomethane	2.906	94	515	0.533	ug/l #	67
6) Chloroethane	3.095	64	241	0.207	ug/l #	44
11) Tert butyl alcohol	5.495	59	2349	8.433	ug/l #	75
16) Acetone	4.430	43	30235	49.805	ug/l	98
17) Carbon Disulfide	4.695	76	1060	0.231	ug/l #	77
18) Methyl Acetate	5.012	43	3243	0.537	ug/l #	74
20) Methylene Chloride	5.277	84	2979	1.608	ug/l #	74
25) 2-Butanone	7.483	43	3205	3.229	ug/l	93
29) Tetrahydrofuran	7.847	42	436	0.706	ug/l #	31
31) Cyclohexane	8.224	56	3364	1.212	ug/l #	17
36) 1,1-Dichloropropene	8.224	75	12350	5.141	ug/l #	52
37) Ethyl Acetate	7.559	43	3136	1.436	ug/l #	77
38) Carbon Tetrachloride	8.224	117	15756	5.682	ug/l #	16
42) 1,2-Dichloroethane	8.683	62	861	0.331	ug/l #	75
43) Isopropyl Acetate	8.688	43	137728	30.362	ug/l #	85
45) 1,2-Dichloropropane	9.747	63	1271	0.679	ug/l #	45
48) Methyl methacrylate	9.671	41	3107	1.841	ug/l #	38
51) 4-Methyl-2-Pentanone	10.447	43	8921	4.306	ug/l #	70
54) cis-1,3-Dichloropropene	10.359	75	37741	12.876	ug/l #	64
57) 1,3-Dichloropropane	11.194	76	5192	1.761	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.159	63	1220	1.016	ug/l #	73
59) 2-Hexanone	11.200	43	55725	35.960	ug/l #	55
65) Chlorobenzene	11.894	112	1372	0.248	ug/l	94
68) m/p-Xylenes	12.071	106	1211	0.355	ug/l	89
70) Styrene	12.412	104	1639	0.304	ug/l #	86
74) N-amyl acetate	12.488	43	1482	0.499	ug/l #	53
76) 1,2,3-Trichloropropane	12.847	75	61003	32.835	ug/l #	1
77) Bromobenzene	12.976	156	905	0.467	ug/l	72
78) n-propylbenzene	13.035	91	2515	0.303	ug/l	92
79) 2-Chlorotoluene	13.123	91	1270	0.229	ug/l	75
80) 1,3,5-Trimethylbenzene	13.170	105	1347	0.223	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.847	75	61003	72.485	ug/l #	10
82) 4-Chlorotoluene	13.223	91	2335	0.404	ug/l	95
85) sec-Butylbenzene	13.618	105	1514	0.215	ug/l	88
86) p-Isopropyltoluene	13.723	119	1198	0.206	ug/l	86
87) 1,3-Dichlorobenzene	13.735	146	1915	0.501	ug/l	92

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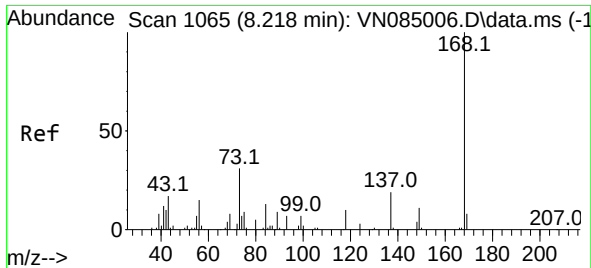
Quant Time: Nov 27 05:15:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.735	146	1915	0.491	ug/l	91
89) n-Butylbenzene	14.059	91	2259	0.419	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	1635	0.446	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.723	75	127	0.267	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.388	180	1366	0.686	ug/l	98
94) Hexachlorobutadiene	15.488	225	539	0.587	ug/l #	52
95) Naphthalene	15.641	128	4391	0.774	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.835	180	1479	0.778	ug/l	91

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

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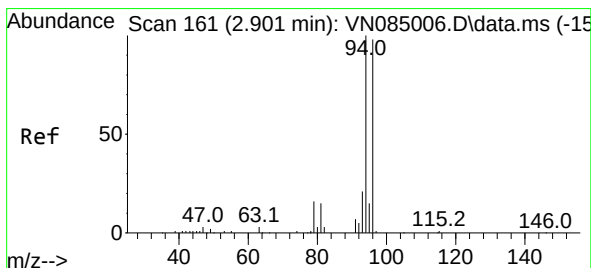
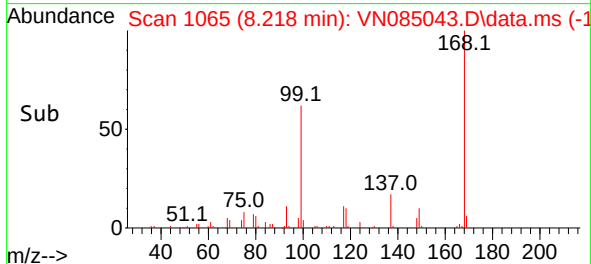
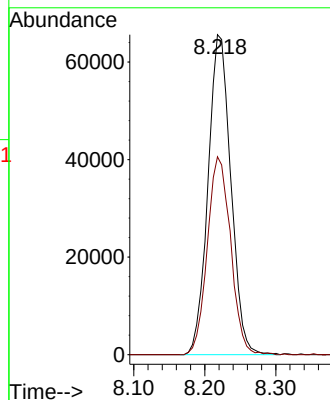
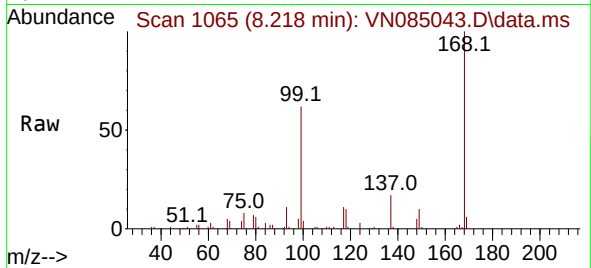




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

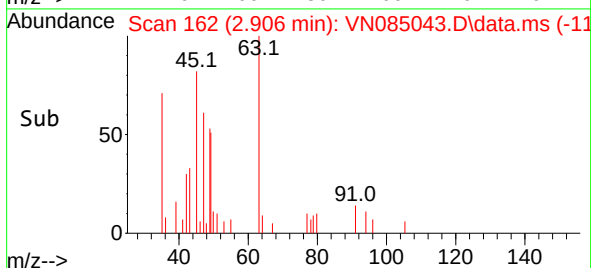
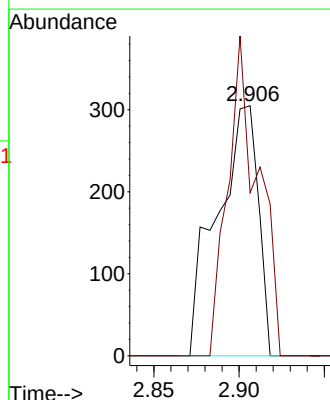
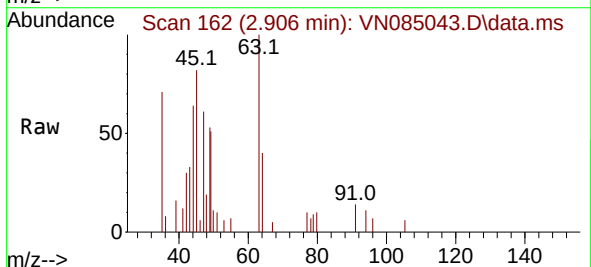
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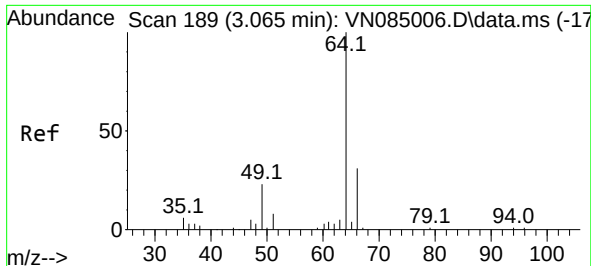
Tgt Ion:168 Resp: 146335
Ion Ratio Lower Upper
168 100
99 61.8 51.2 76.8



#5
Bromomethane
Concen: 0.533 ug/l
RT: 2.906 min Scan# 162
Delta R.T. 0.006 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion: 94 Resp: 515
Ion Ratio Lower Upper
94 100
96 65.2 78.7 118.1#

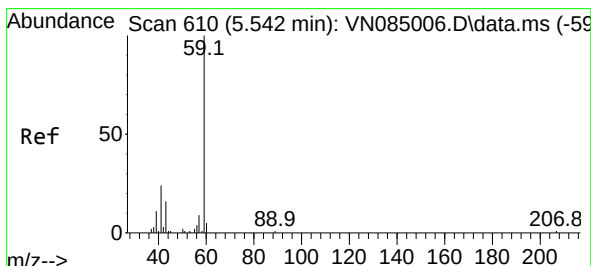
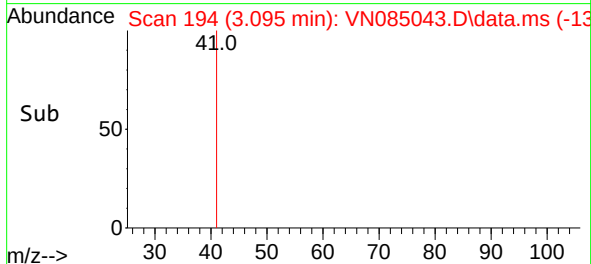
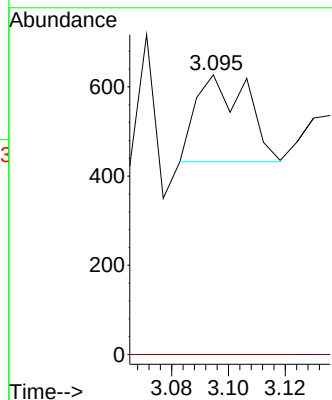
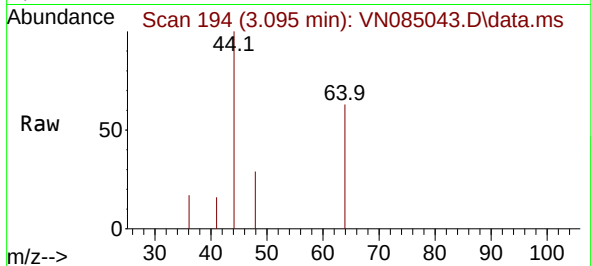




#6
Chloroethane
Concen: 0.207 ug/l
RT: 3.095 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

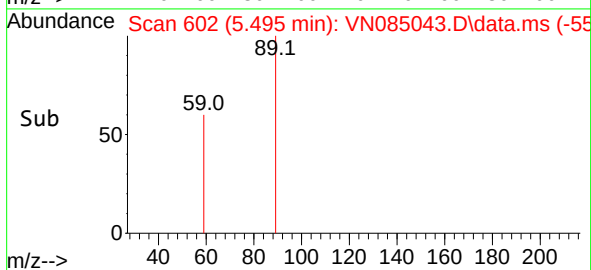
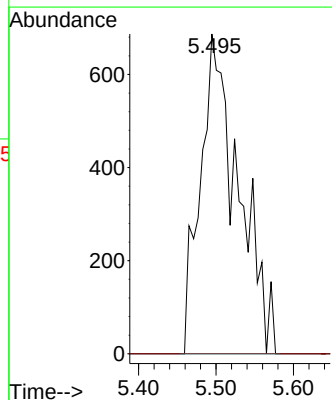
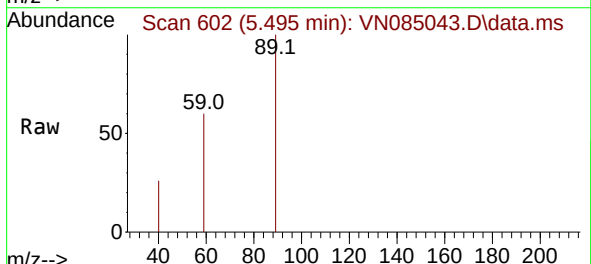
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MSVOA_N
ClientSampleId :
PB165249TB

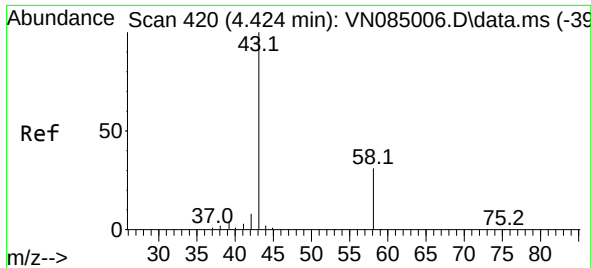
Tgt Ion: 64 Resp: 241
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#11
Tert butyl alcohol
Concen: 8.433 ug/l
RT: 5.495 min Scan# 602
Delta R.T. -0.047 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion: 59 Resp: 2349
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 49.805 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

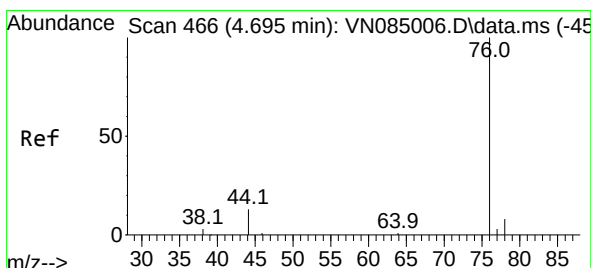
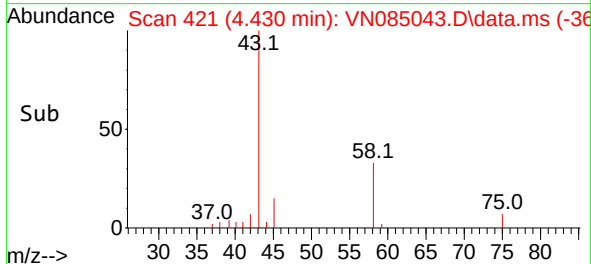
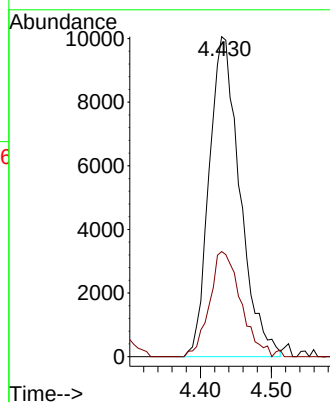
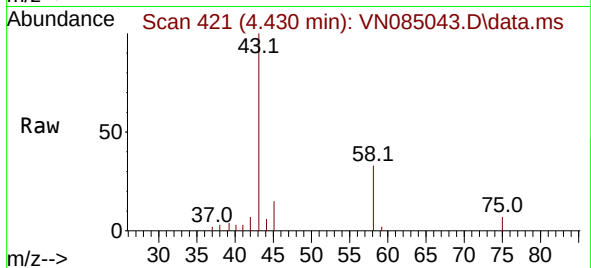
PB165249TB

Tgt Ion: 43 Resp: 30235

Ion Ratio Lower Upper

43 100

58 32.8 25.4 38.2



#17

Carbon Disulfide

Concen: 0.231 ug/l

RT: 4.695 min Scan# 466

Delta R.T. -0.000 min

Lab File: VN085043.D

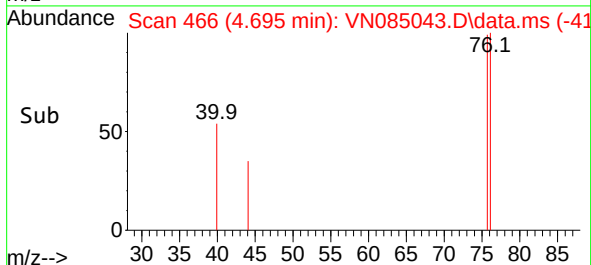
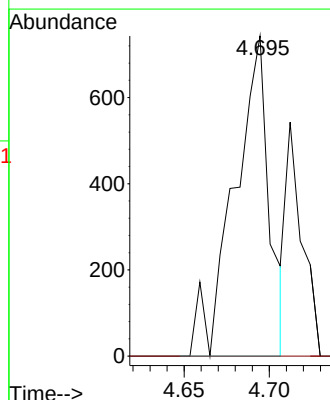
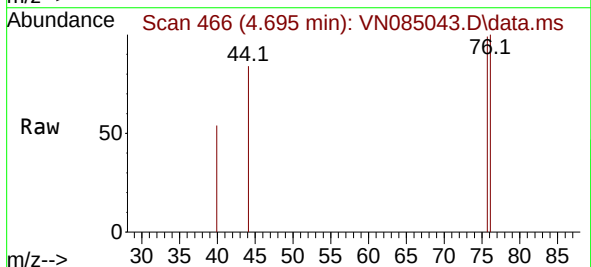
Acq: 26 Nov 2024 15:23

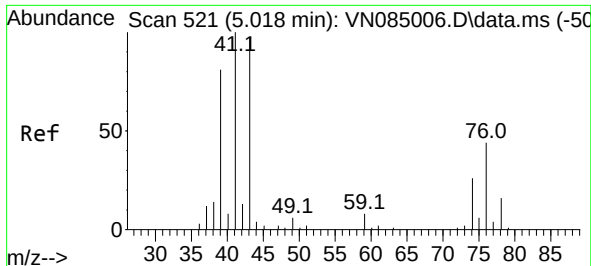
Tgt Ion: 76 Resp: 1060

Ion Ratio Lower Upper

76 100

78 0.0 6.5 9.7#

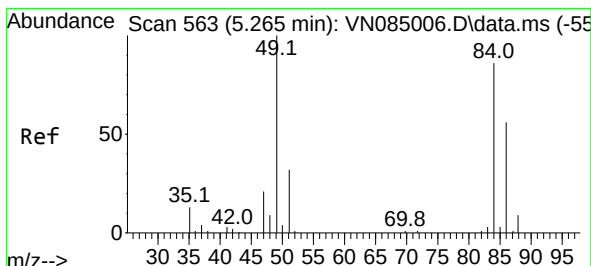
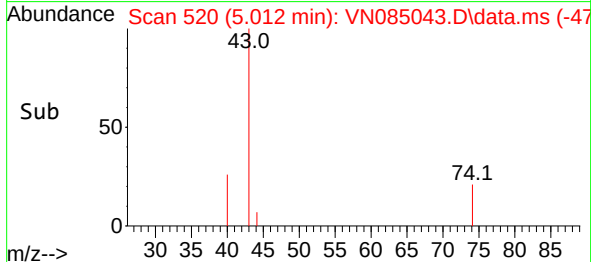
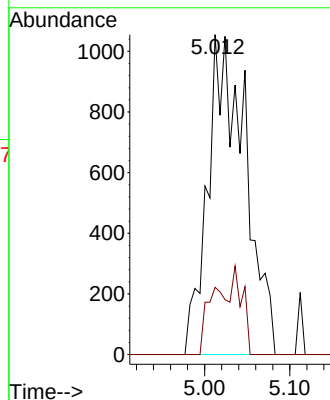
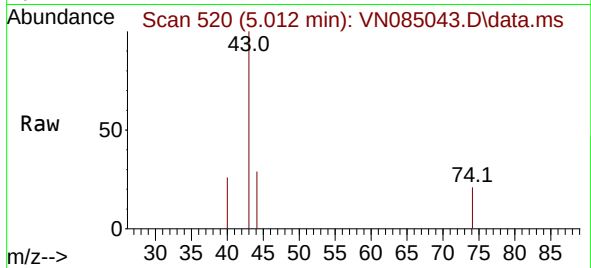




#18
Methyl Acetate
Concen: 0.537 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

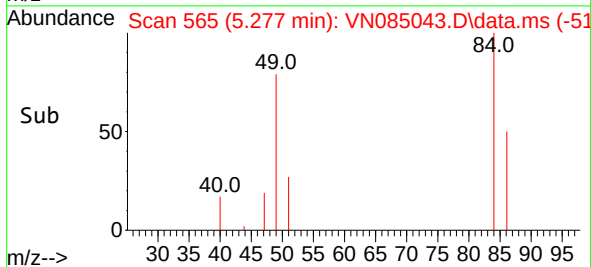
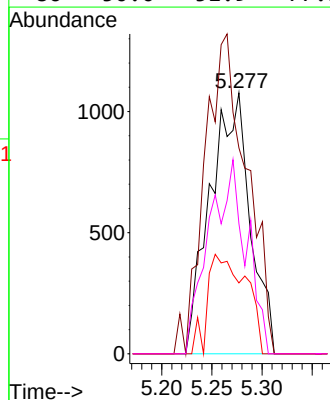
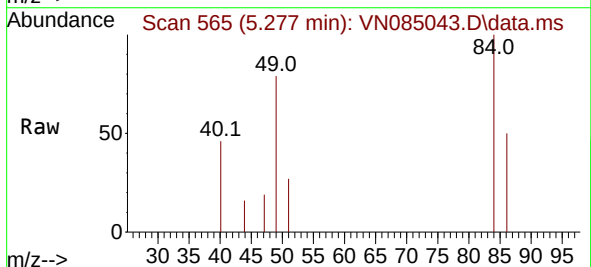
Instrument :
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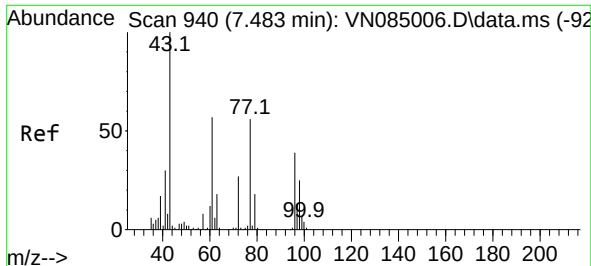
Tgt Ion: 43 Resp: 3243
Ion Ratio Lower Upper
43 100
74 12.3 20.1 30.1#



#20
Methylene Chloride
Concen: 1.608 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.012 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion: 84 Resp: 2979
Ion Ratio Lower Upper
84 100
49 78.9 92.7 139.1#
51 27.2 29.4 44.2#
86 50.0 51.9 77.9#





#25

2-Butanone

Concen: 3.229 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.000 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

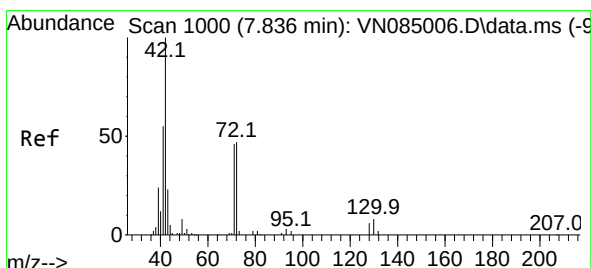
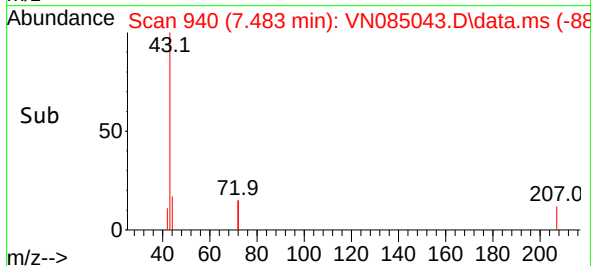
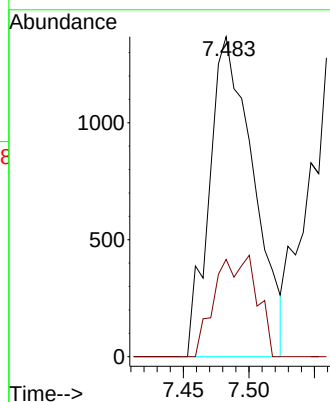
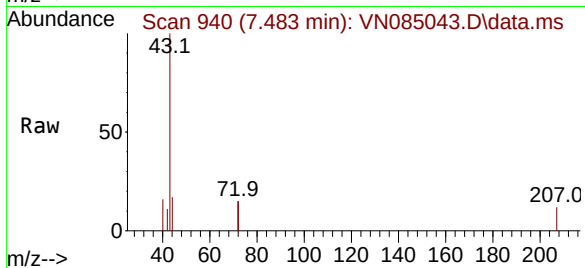
PB165249TB

Tgt Ion: 43 Resp: 3205

Ion Ratio Lower Upper

43 100

72 30.4 21.4 32.0



#29

Tetrahydrofuran

Concen: 0.706 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

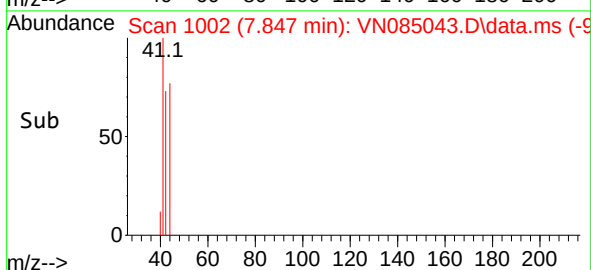
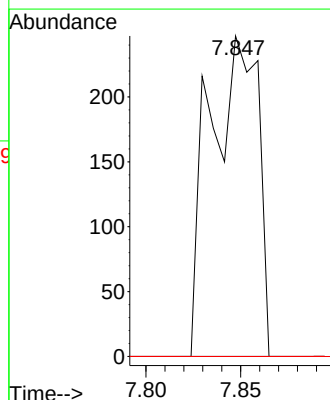
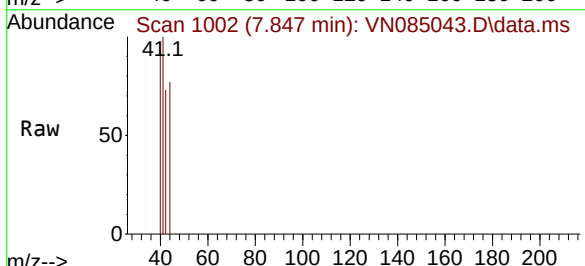
Tgt Ion: 42 Resp: 436

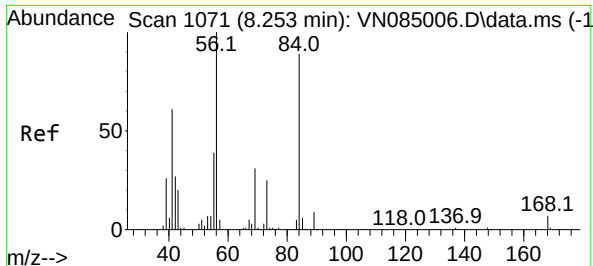
Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.4#

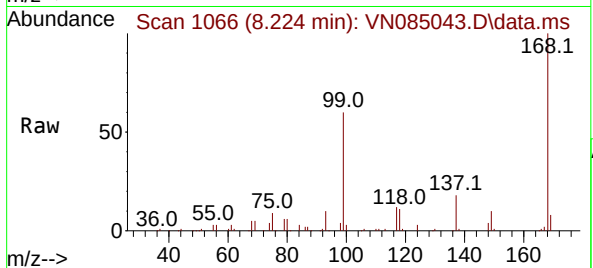
71 0.0 35.0 52.4#



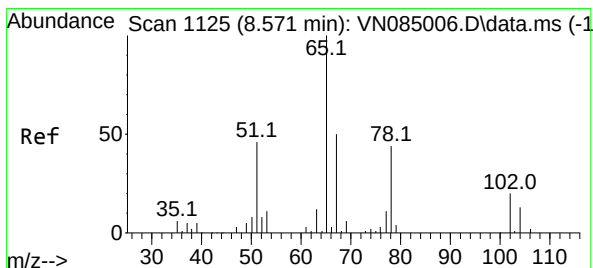
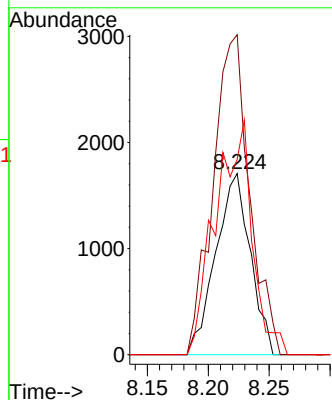
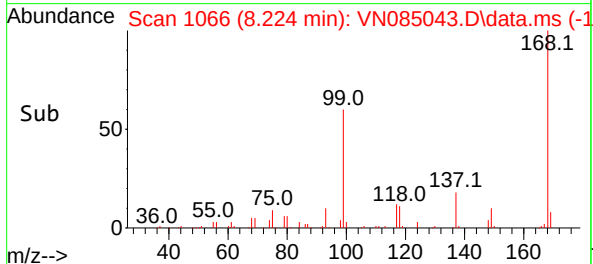


#31
Cyclohexane
Concen: 1.212 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Instrument :
MSVOA_N
ClientSampleId :
PB165249TB

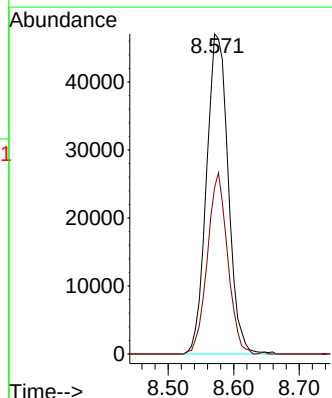
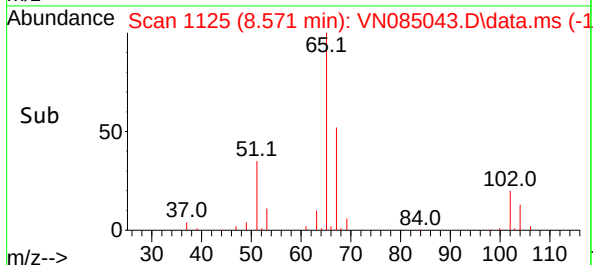
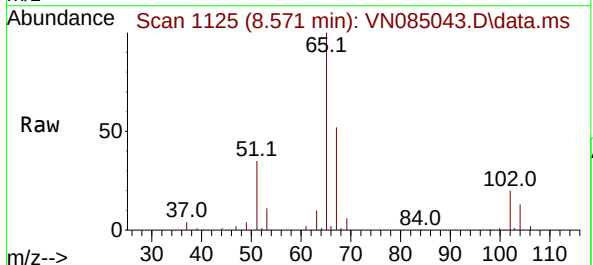


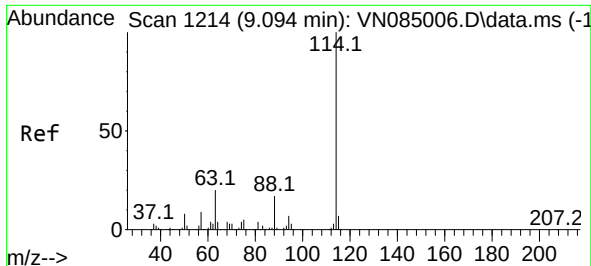
Tgt Ion: 56 Resp: 3364
Ion Ratio Lower Upper
56 100
69 176.6 24.6 36.8#
84 107.8 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 52.020 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion: 65 Resp: 108433
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

PB165249TB

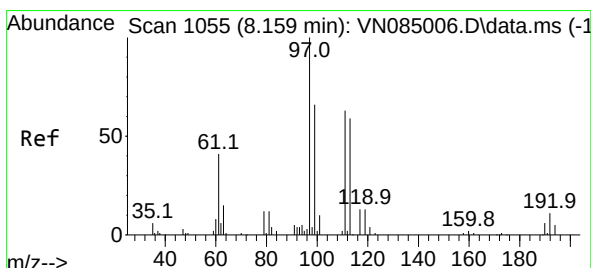
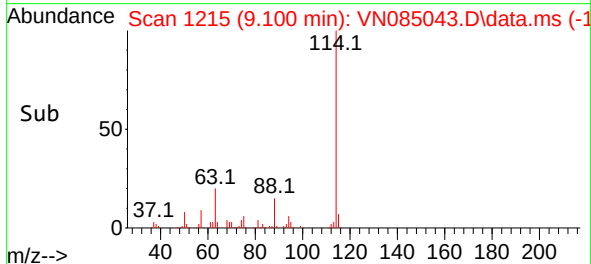
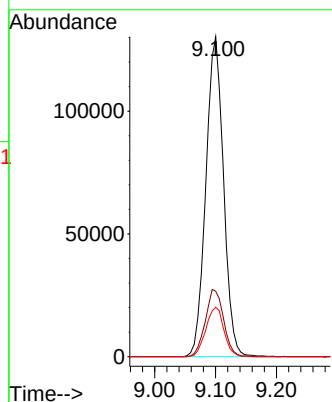
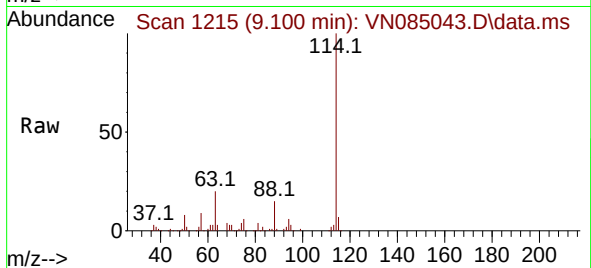
Tgt Ion:114 Resp: 262989

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

88 15.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.464 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

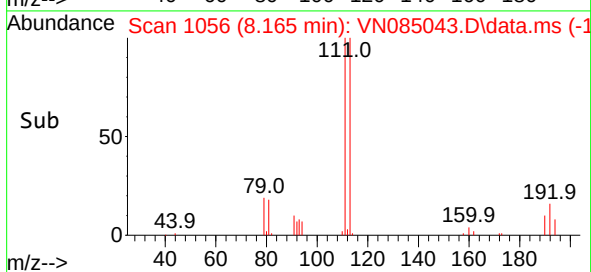
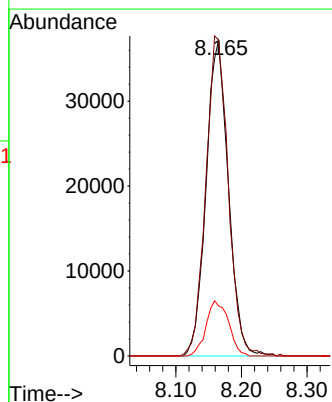
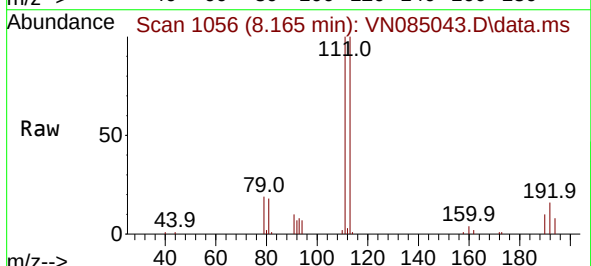
Tgt Ion:113 Resp: 87725

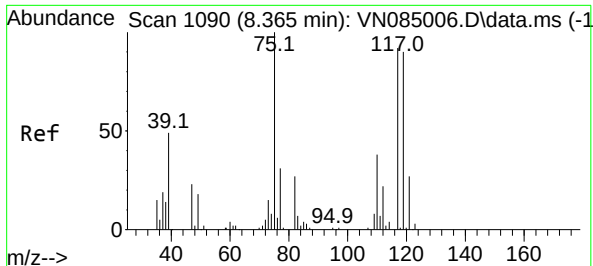
Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 17.6 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.141 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

PB165249TB

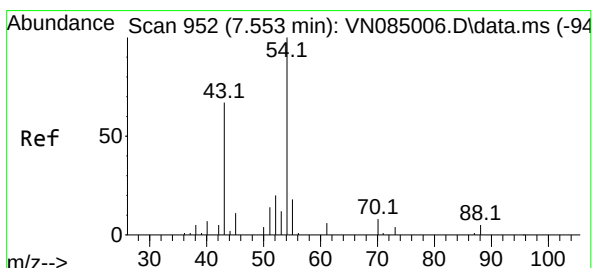
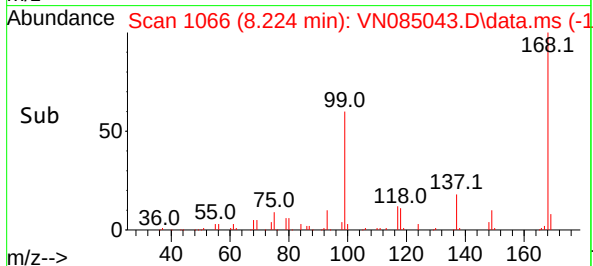
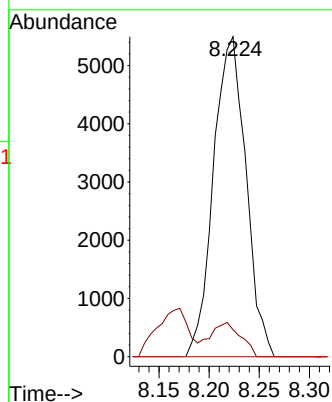
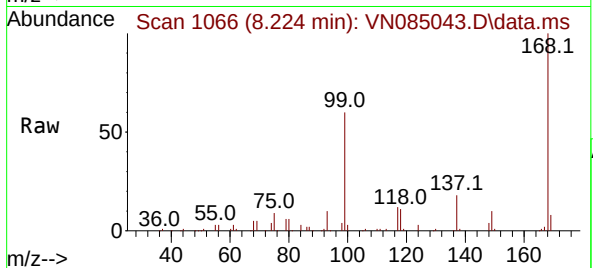
Tgt Ion: 75 Resp: 12350

Ion Ratio Lower Upper

75 100

110 10.1 17.2 51.6#

77 0.0 24.2 36.4#



#37

Ethyl Acetate

Concen: 1.436 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.006 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

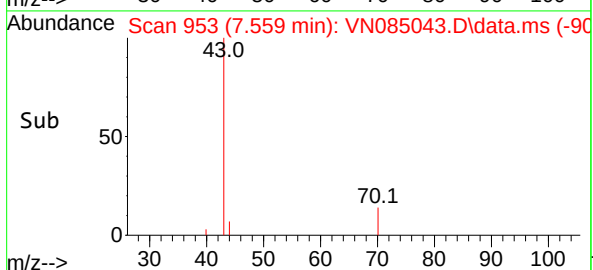
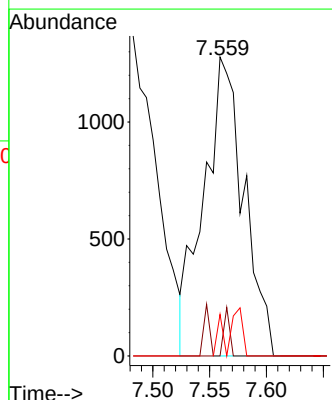
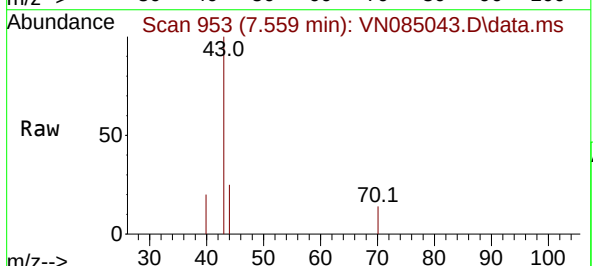
Tgt Ion: 43 Resp: 3136

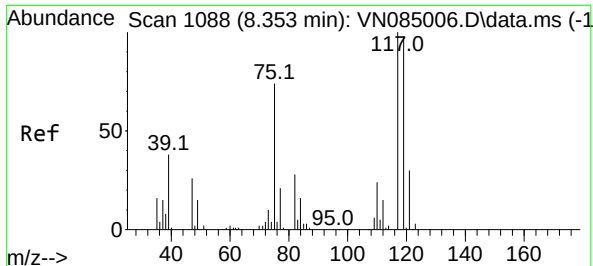
Ion Ratio Lower Upper

43 100

61 2.3 11.7 17.5#

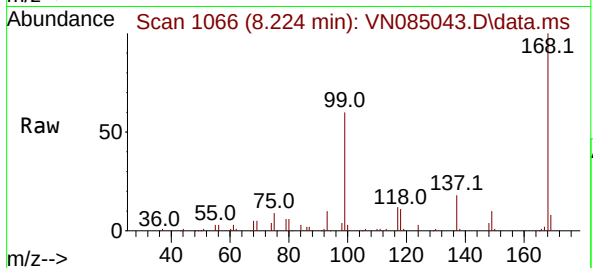
70 6.3 9.3 13.9#



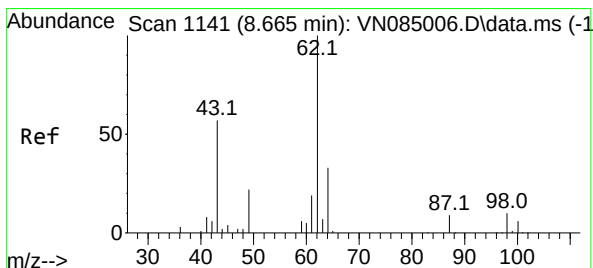
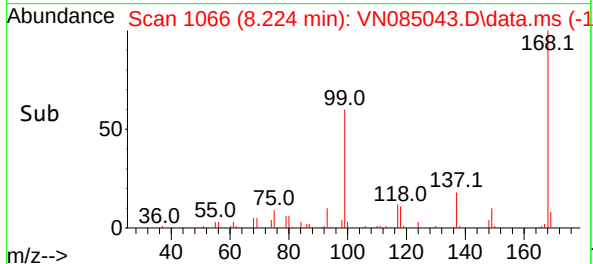
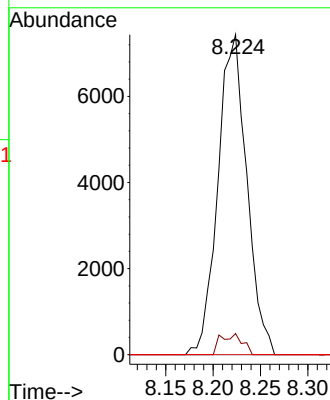


#38
Carbon Tetrachloride
Concen: 5.682 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.129 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Instrument :
MSVOA_N
ClientSampleId :
PB165249TB

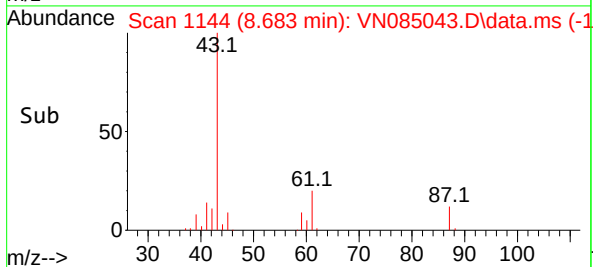
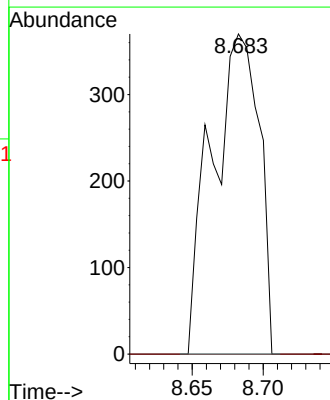
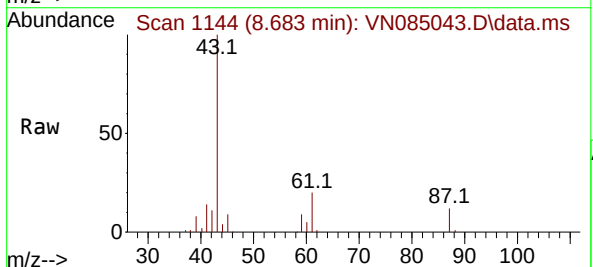


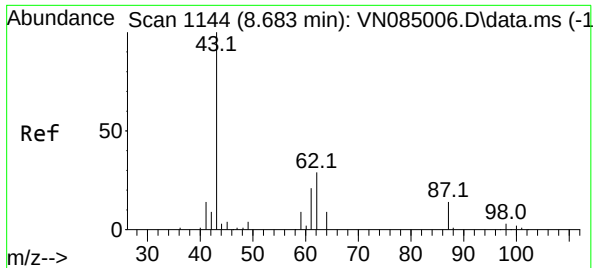
Tgt Ion:117 Resp: 15756
Ion Ratio Lower Upper
117 100
119 6.6 78.6 117.8#
121 0.0 24.2 36.2#



#42
1,2-Dichloroethane
Concen: 0.331 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.018 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion: 62 Resp: 861
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2

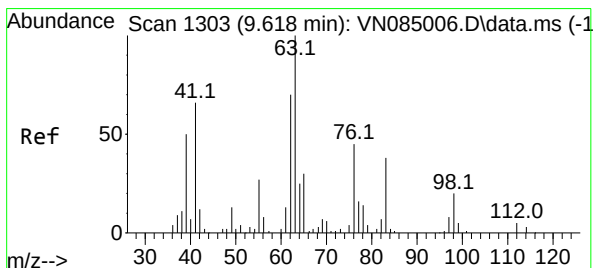
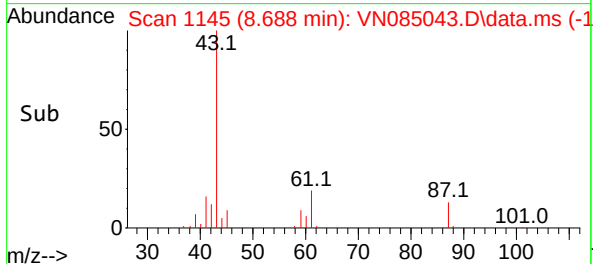
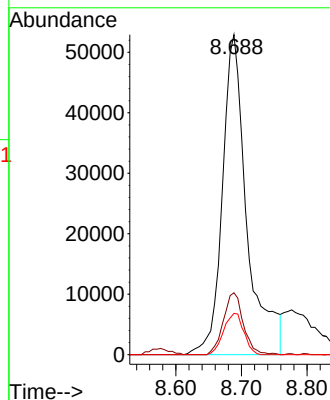
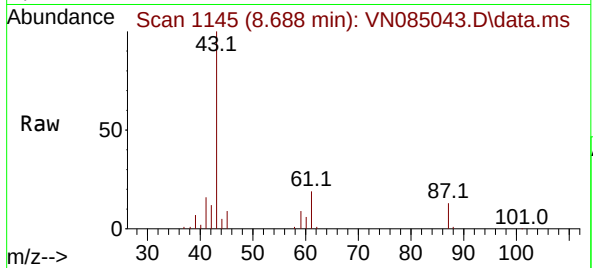




#43
Isopropyl Acetate
Concen: 30.362 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

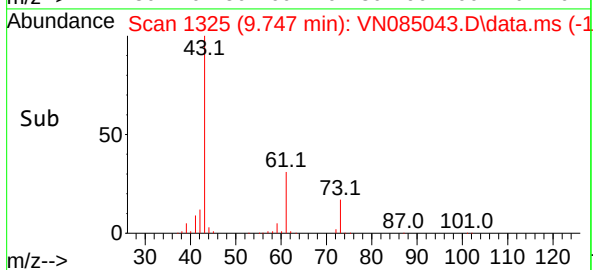
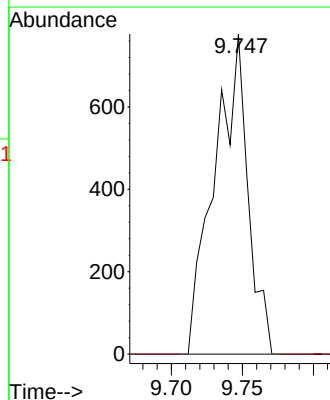
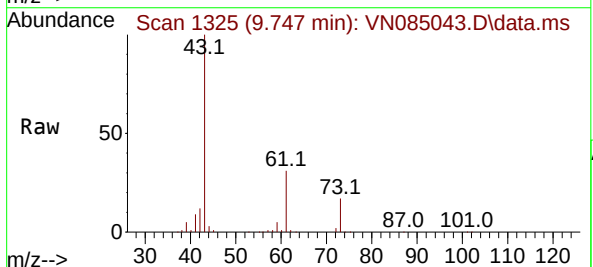
Instrument :
MSVOA_N
ClientSampleId :
PB165249TB

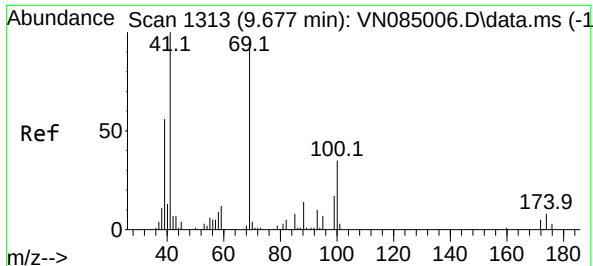
Tgt Ion: 43 Resp: 137728
Ion Ratio Lower Upper
43 100
61 15.8 20.6 30.8#
87 10.5 11.0 16.4#



#45
1,2-Dichloropropane
Concen: 0.679 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.129 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion: 63 Resp: 1271
Ion Ratio Lower Upper
63 100
65 0.0 24.0 36.0#

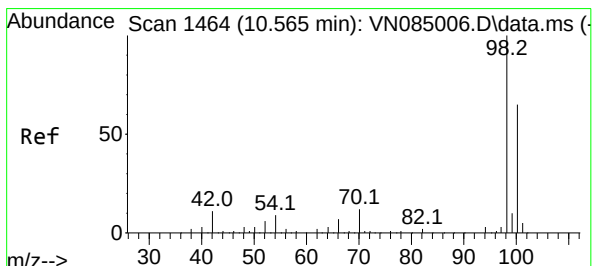
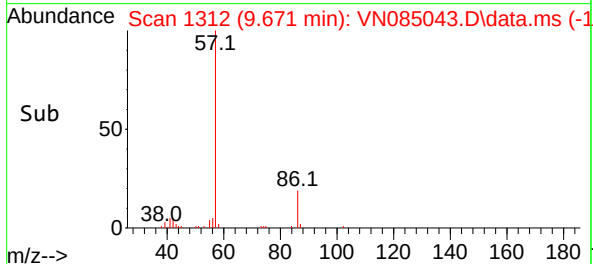
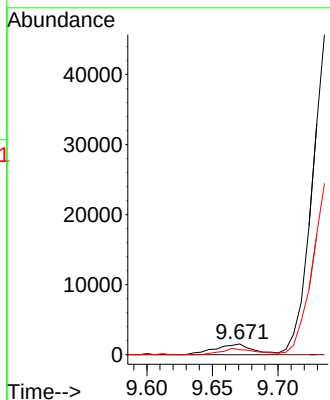
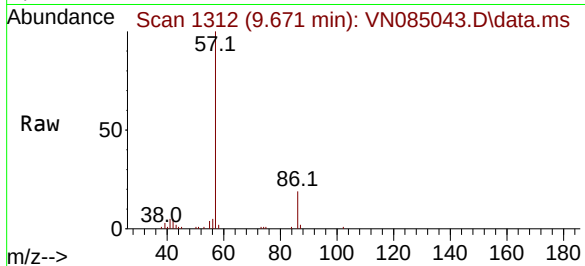




#48
Methyl methacrylate
Concen: 1.841 ug/l
RT: 9.671 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

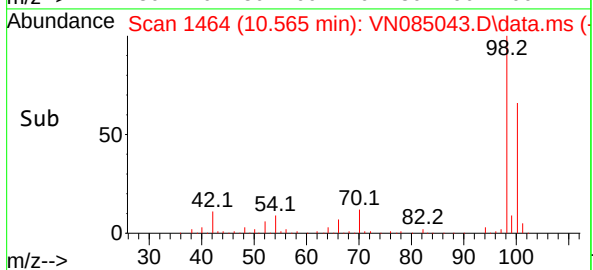
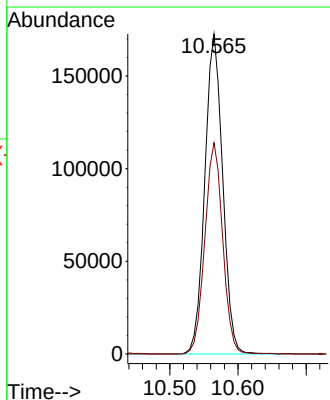
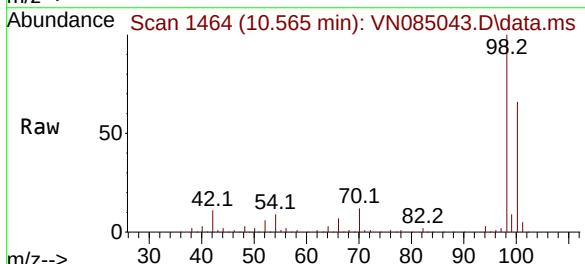
Instrument :
MSVOA_N
ClientSampleId :
PB165249TB

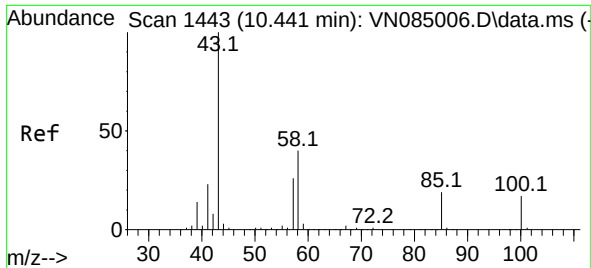
Tgt Ion: 41 Resp: 3107
Ion Ratio Lower Upper
41 100
69 0.0 73.2 109.8#
39 51.0 46.2 69.4



#50
Toluene-d8
Concen: 49.480 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion: 98 Resp: 314488
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

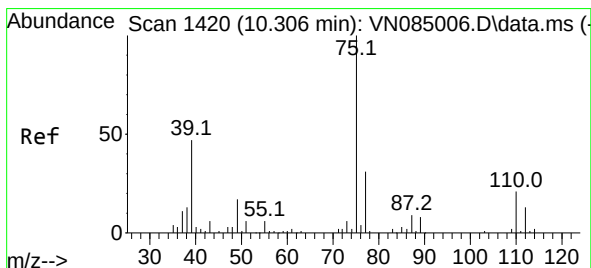
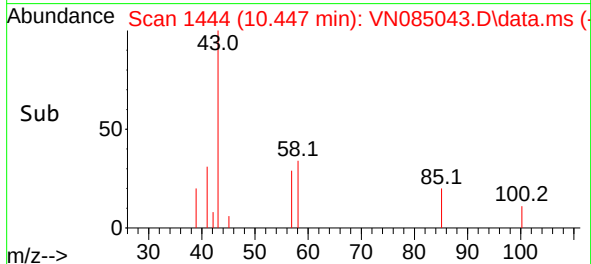
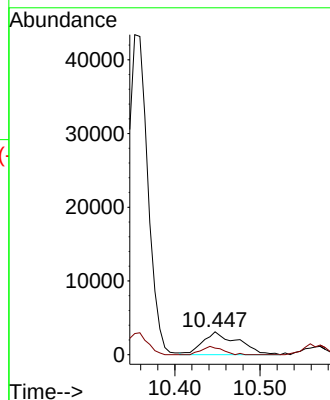
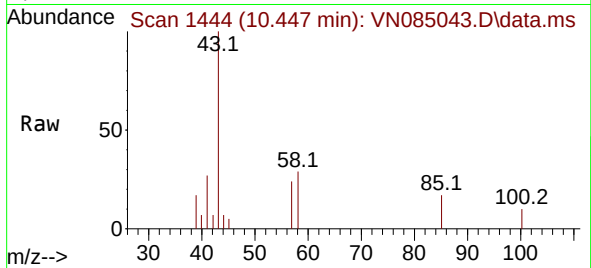




#51
4-Methyl-2-Pentanone
Concen: 4.306 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

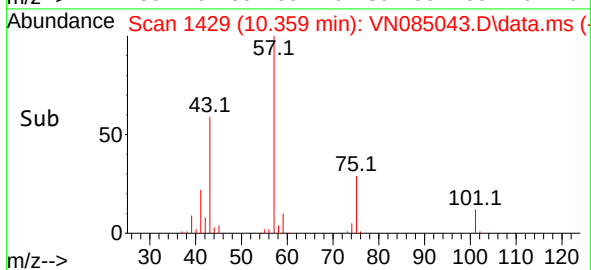
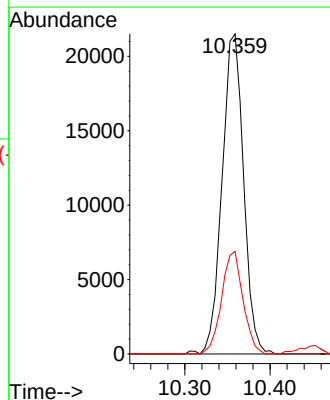
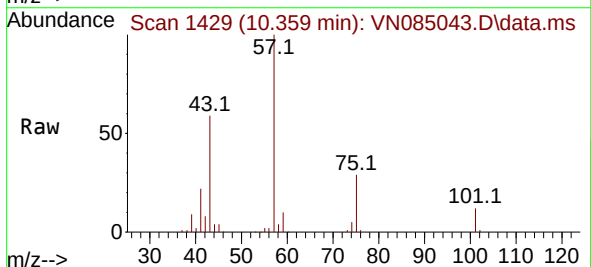
Instrument :
MSVOA_N
ClientSampleId :
PB165249TB

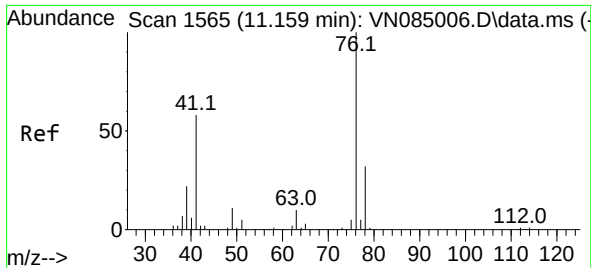
Tgt Ion: 43 Resp: 8921
Ion Ratio Lower Upper
43 100
58 21.3 32.1 48.1#



#54
cis-1,3-Dichloropropene
Concen: 12.876 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.053 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion: 75 Resp: 37741
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 32.0 37.6 56.4#





#57

1,3-Dichloropropane

Concen: 1.761 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.035 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

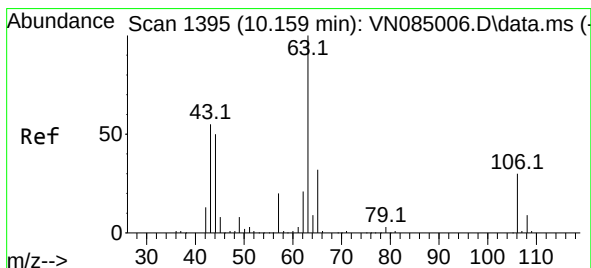
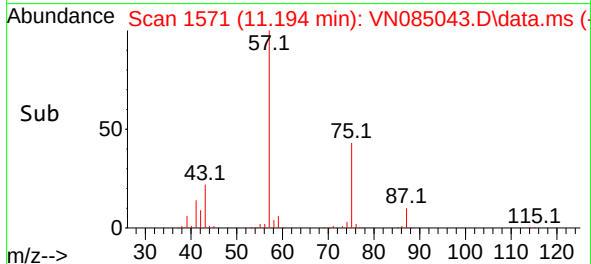
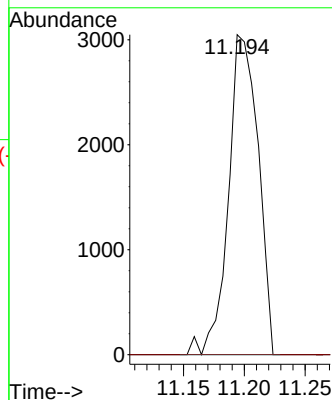
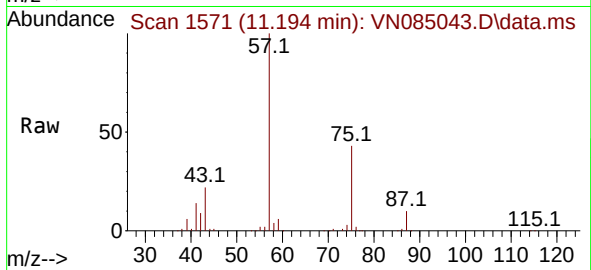
PB165249TB

Tgt Ion: 76 Resp: 5192

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 1.016 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085043.D

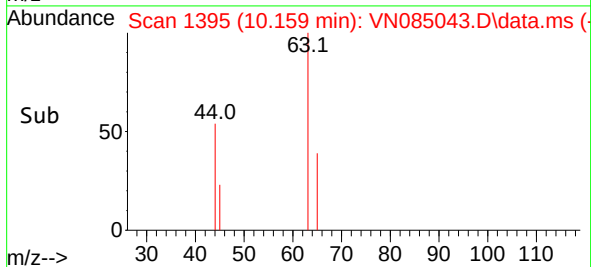
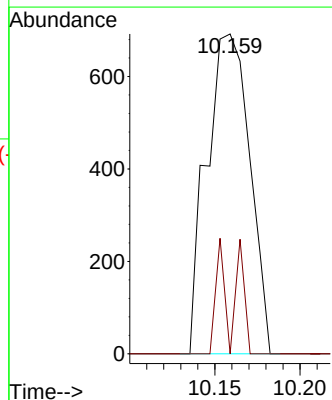
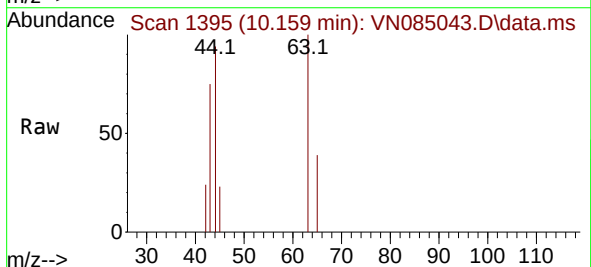
Acq: 26 Nov 2024 15:23

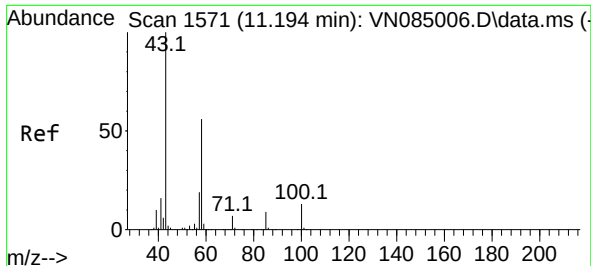
Tgt Ion: 63 Resp: 1220

Ion Ratio Lower Upper

63 100

106 14.4 23.0 34.6#

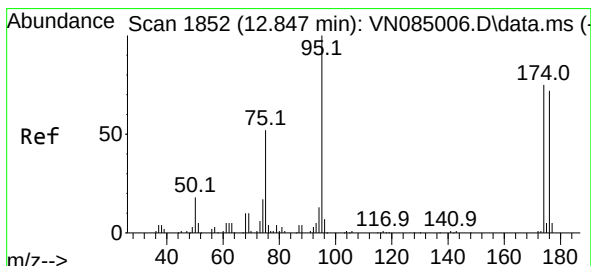
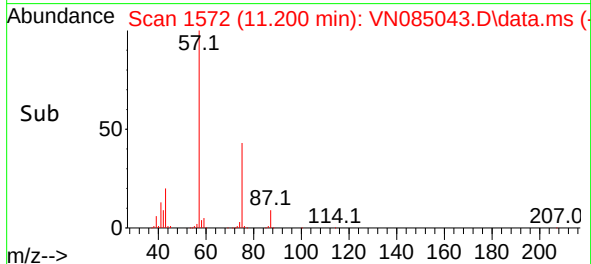
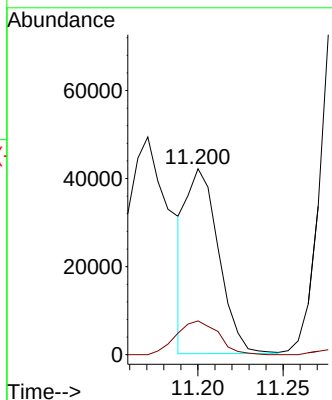
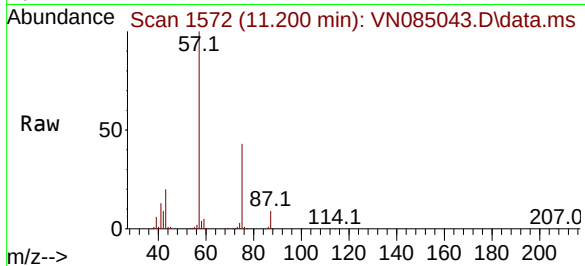




#59
2-Hexanone
Concen: 35.960 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

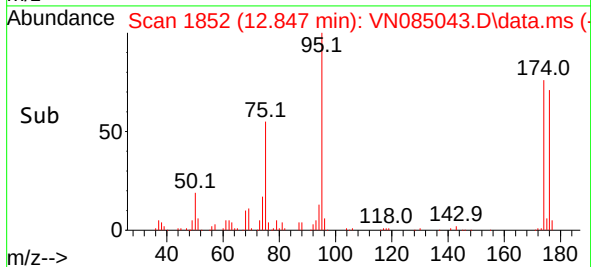
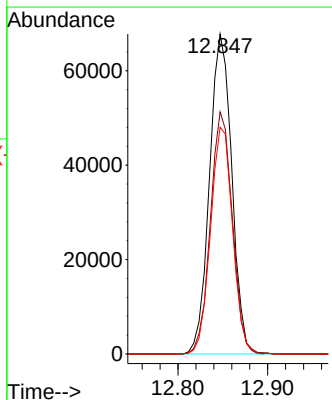
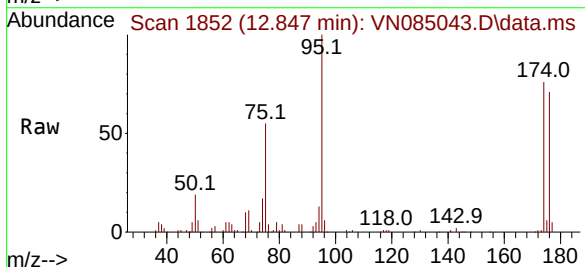
Instrument :
MSVOA_N
ClientSampleId :
PB165249TB

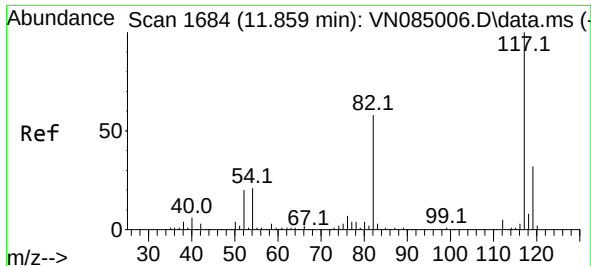
Tgt Ion: 43 Resp: 55725
Ion Ratio Lower Upper
43 100
58 23.7 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 49.063 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion: 95 Resp: 116617
Ion Ratio Lower Upper
95 100
174 74.7 0.0 146.6
176 70.2 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

PB165249TB

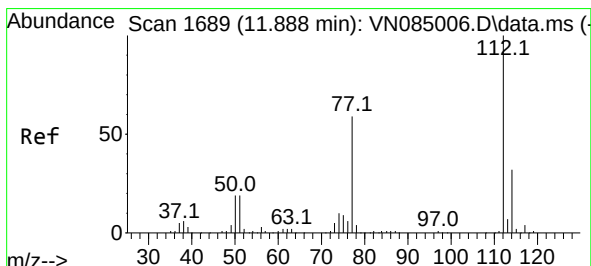
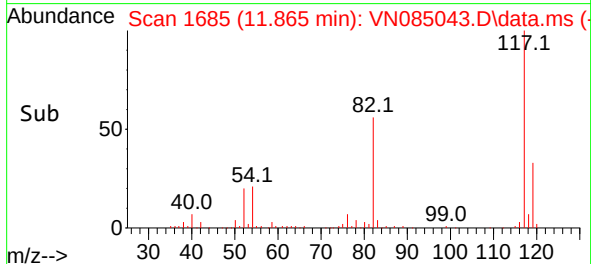
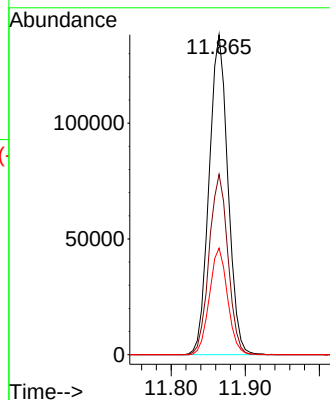
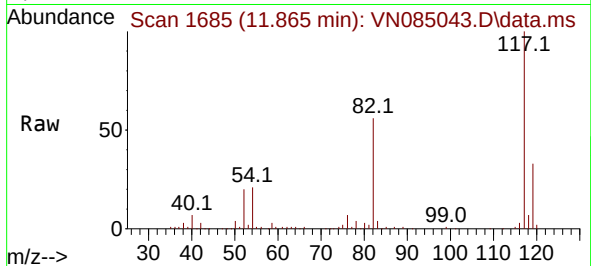
Tgt Ion:117 Resp: 243699

Ion Ratio Lower Upper

117 100

82 56.3 46.0 69.0

119 33.3 25.6 38.4



#65

Chlorobenzene

Concen: 0.248 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.006 min

Lab File: VN085043.D

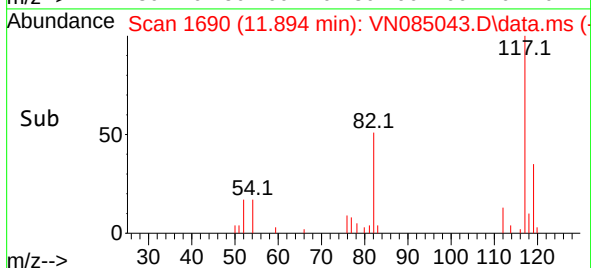
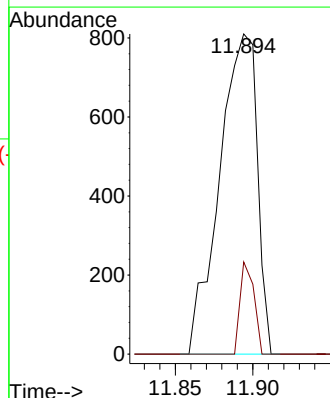
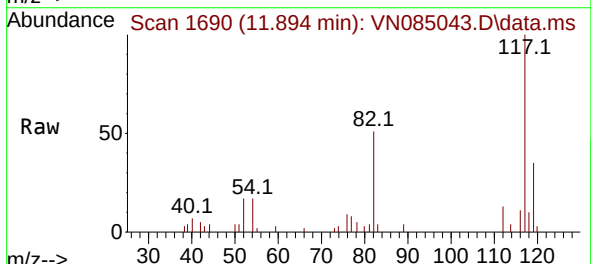
Acq: 26 Nov 2024 15:23

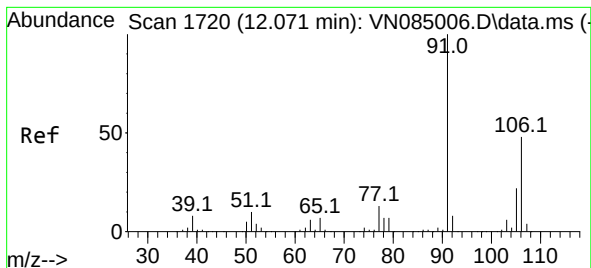
Tgt Ion:112 Resp: 1372

Ion Ratio Lower Upper

112 100

114 28.8 25.8 38.6

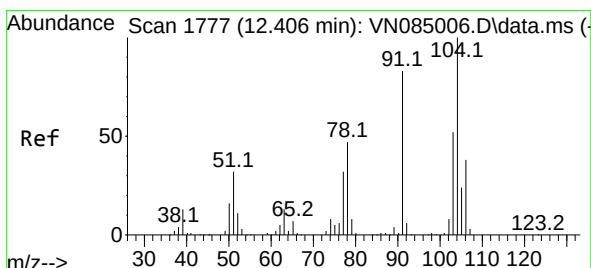
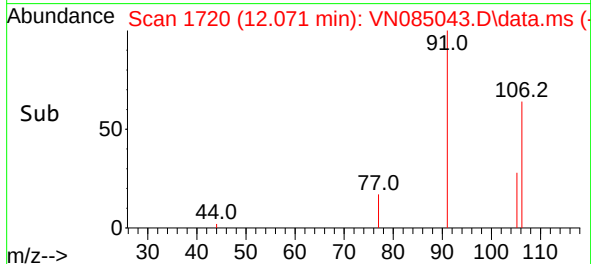
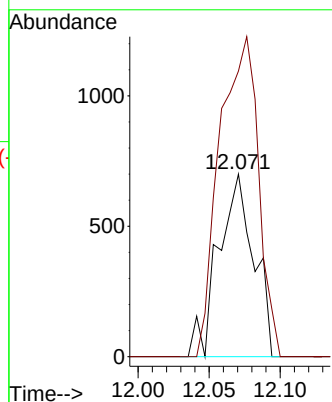
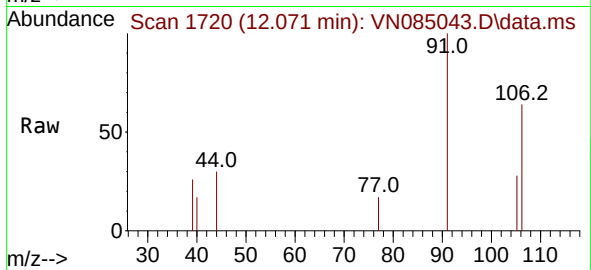




#68
m/p-Xylenes
Concen: 0.355 ug/l
RT: 12.071 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

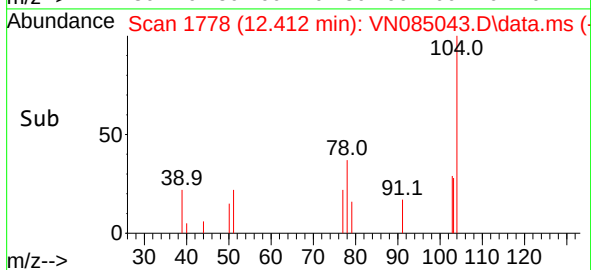
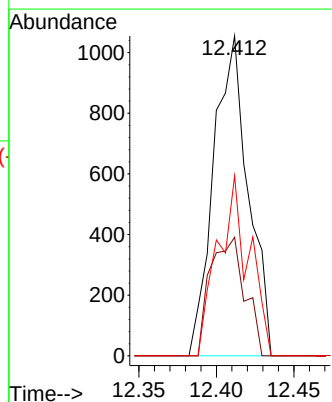
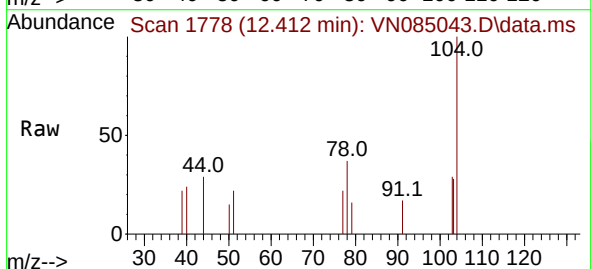
Instrument :
MSVOA_N
ClientSampleId :
PB165249TB

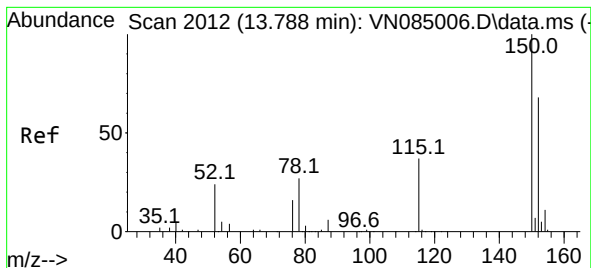
Tgt Ion:106 Resp: 1211
Ion Ratio Lower Upper
106 100
91 192.6 168.0 252.0



#70
Styrene
Concen: 0.304 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion:104 Resp: 1639
Ion Ratio Lower Upper
104 100
78 36.9 42.3 63.5#
103 50.6 44.2 66.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

PB165249TB

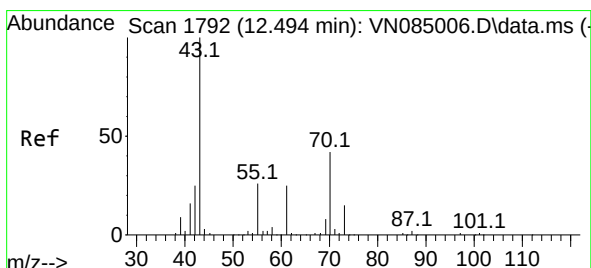
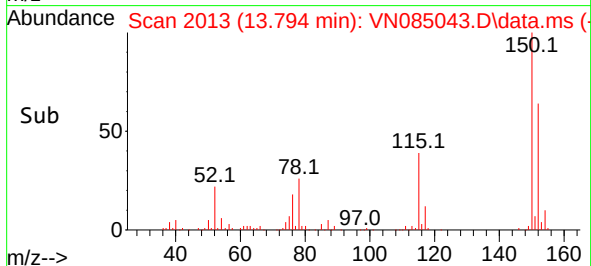
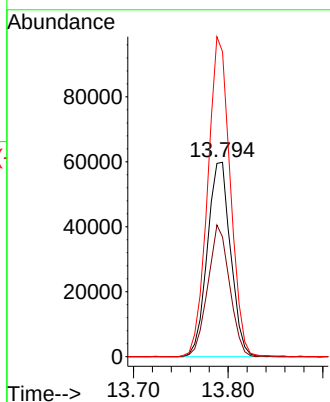
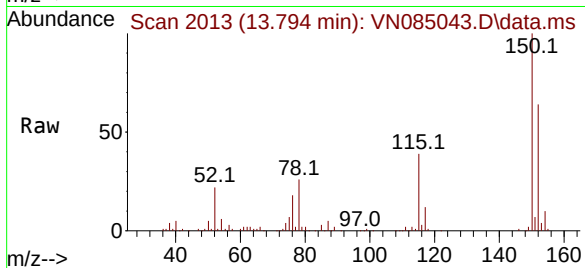
Tgt Ion:152 Resp: 102141

Ion Ratio Lower Upper

152 100

115 63.5 31.7 95.1

150 159.6 0.0 351.4



#74

N-ethyl acetate

Concen: 0.499 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

Tgt Ion: 43 Resp: 1482

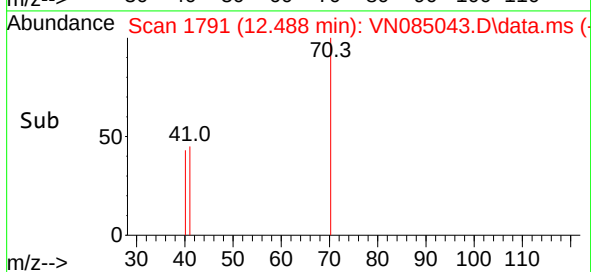
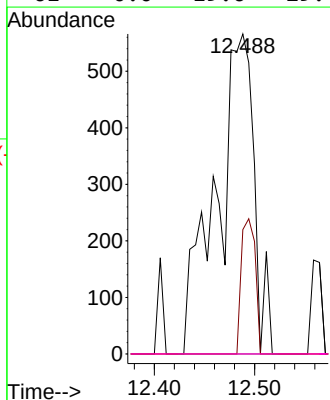
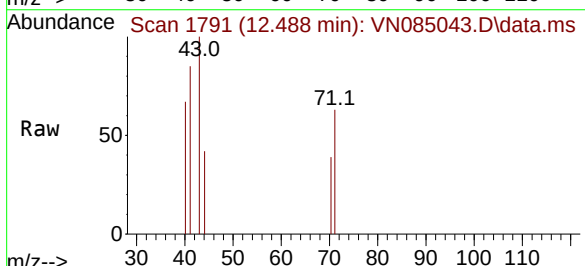
Ion Ratio Lower Upper

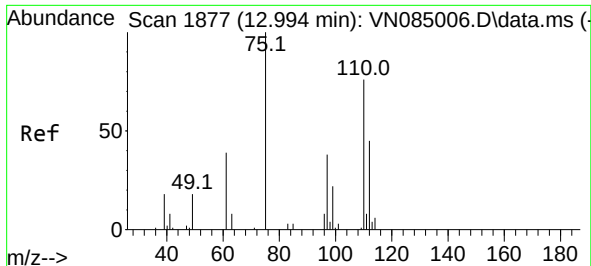
43 100

70 15.7 34.6 51.8#

55 0.0 20.5 30.7#

61 0.0 19.6 29.4#

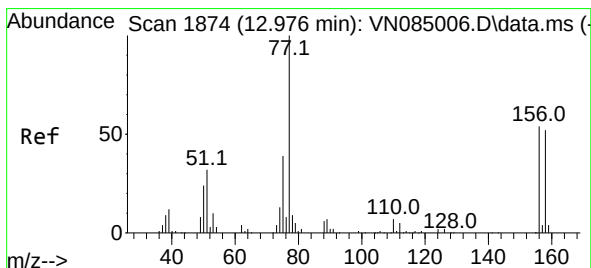
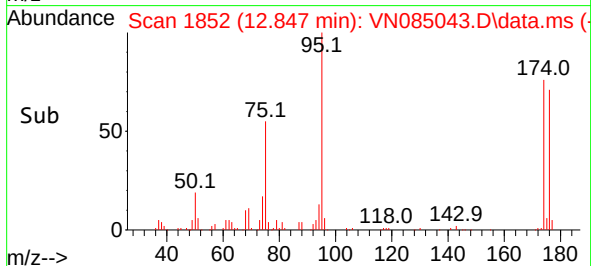
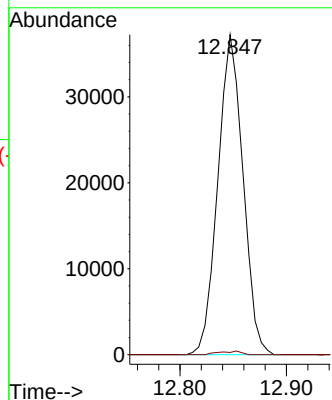
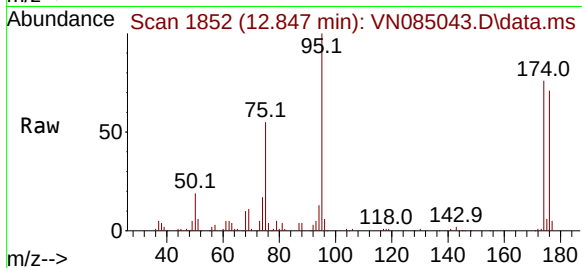




#76
1,2,3-Trichloropropane
Concen: 32.835 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

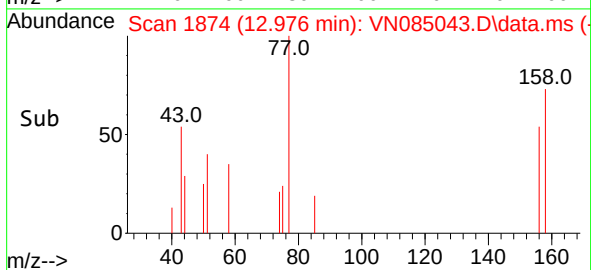
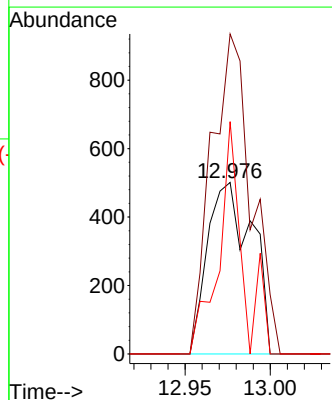
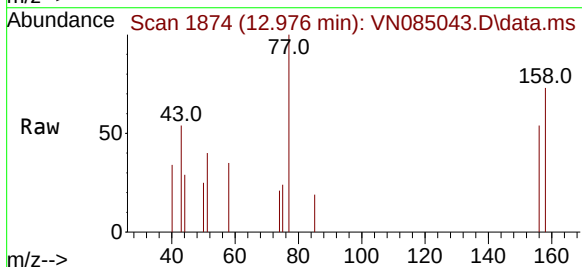
Instrument :
MSVOA_N
ClientSampleId :
PB165249TB

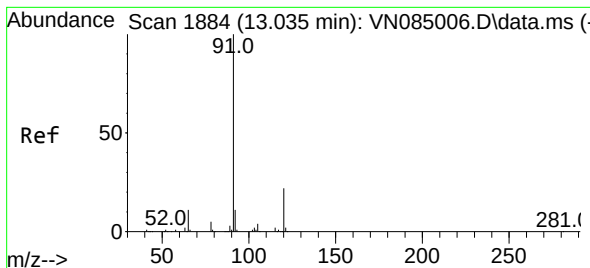
Tgt Ion: 75 Resp: 61003
Ion Ratio Lower Upper
75 100
77 0.9 109.1 327.4#



#77
Bromobenzene
Concen: 0.467 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion:156 Resp: 905
Ion Ratio Lower Upper
156 100
77 168.0 107.2 321.6
158 72.3 48.5 145.6





#78

n-propylbenzene

Concen: 0.303 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

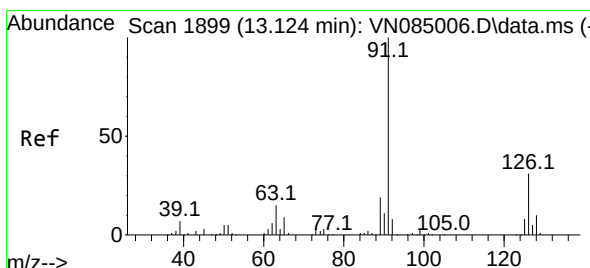
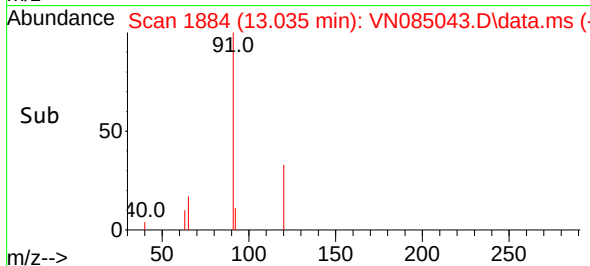
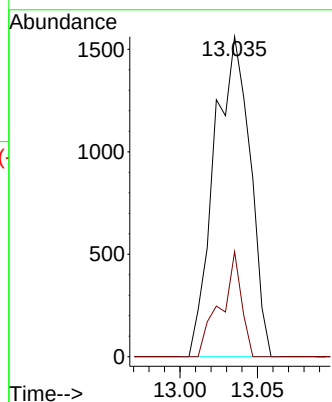
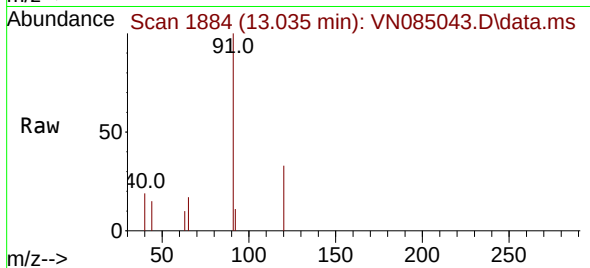
PB165249TB

Tgt Ion: 91 Resp: 2515

Ion Ratio Lower Upper

91 100

120 19.0 11.3 33.9



#79

2-Chlorotoluene

Concen: 0.229 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN085043.D

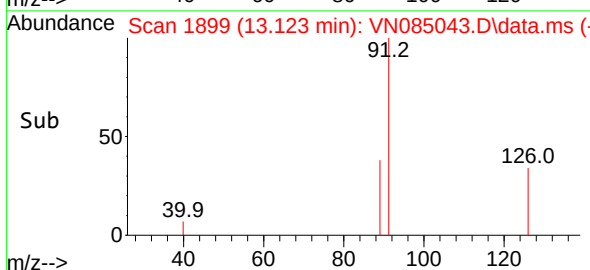
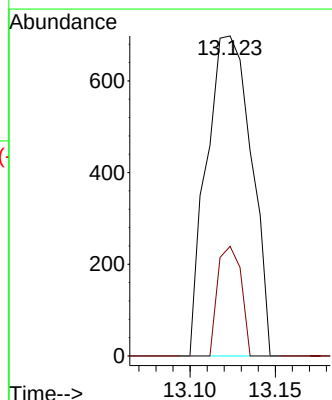
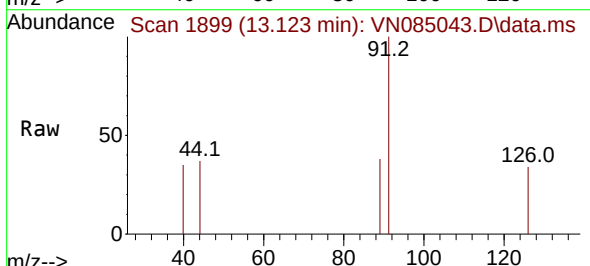
Acq: 26 Nov 2024 15:23

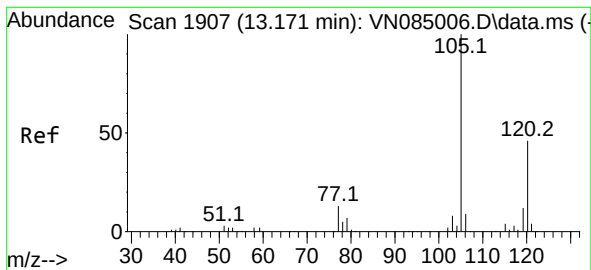
Tgt Ion: 91 Resp: 1270

Ion Ratio Lower Upper

91 100

126 18.0 16.1 48.3





#80

1,3,5-Trimethylbenzene

Concen: 0.223 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

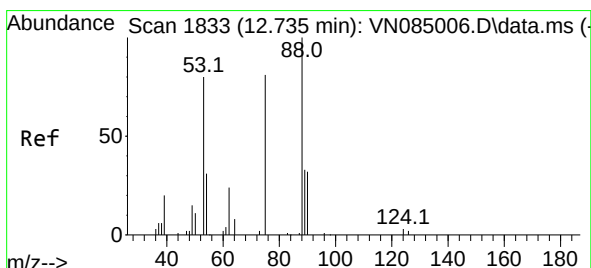
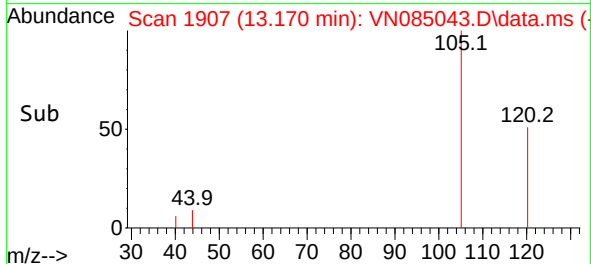
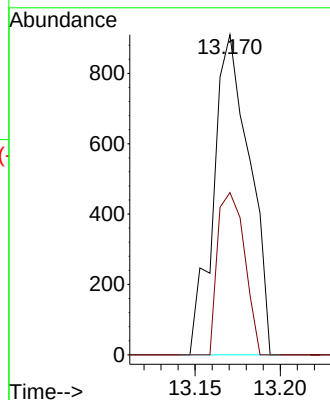
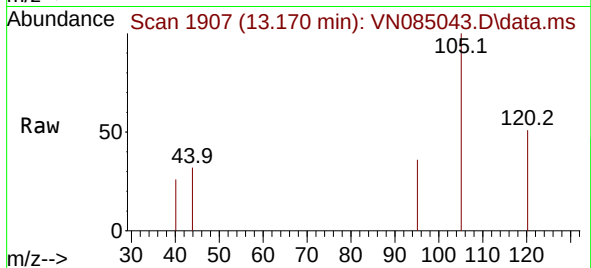
PB165249TB

Tgt Ion:105 Resp: 1347

Ion Ratio Lower Upper

105 100

120 37.7 23.6 71.0



#81

trans-1,4-Dichloro-2-butene

Concen: 72.485 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

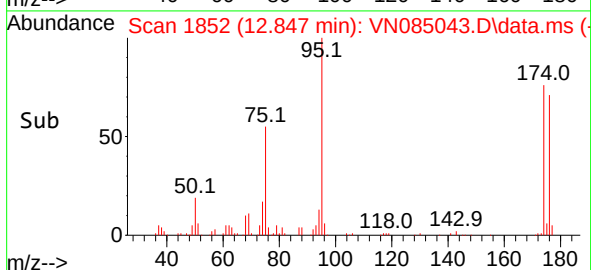
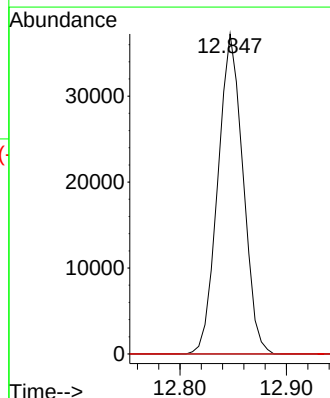
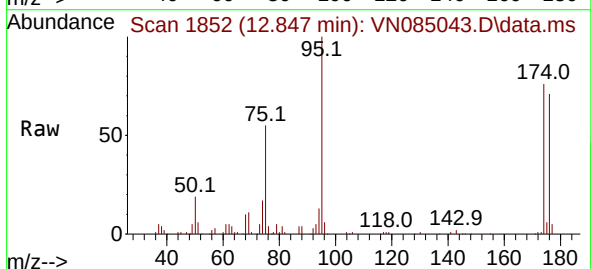
Tgt Ion: 75 Resp: 61003

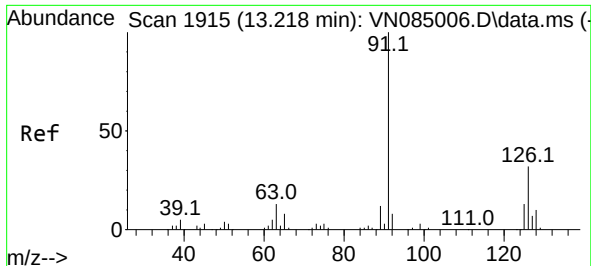
Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.4#

89 0.0 37.9 56.9#

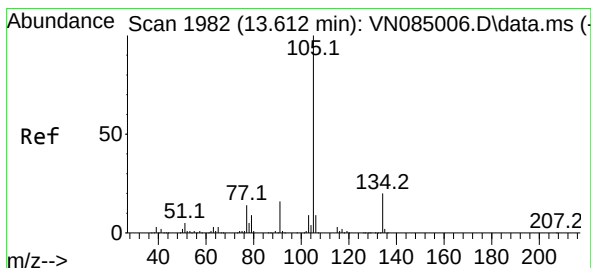
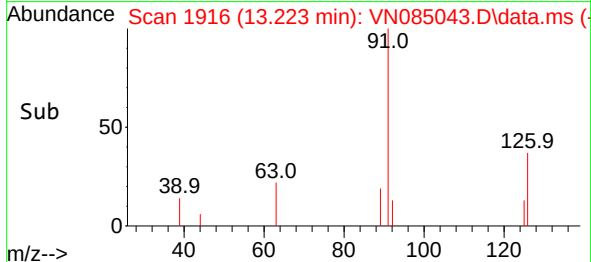
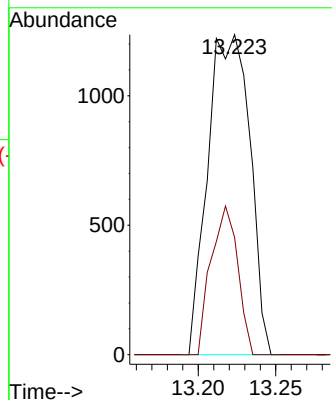
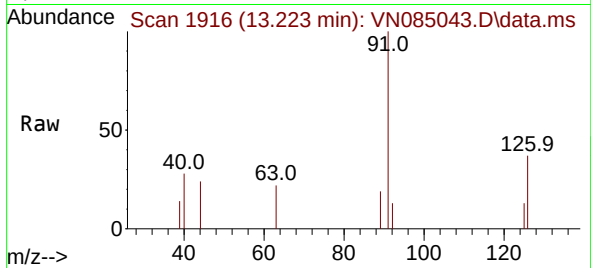




#82
4-Chlorotoluene
Concen: 0.404 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

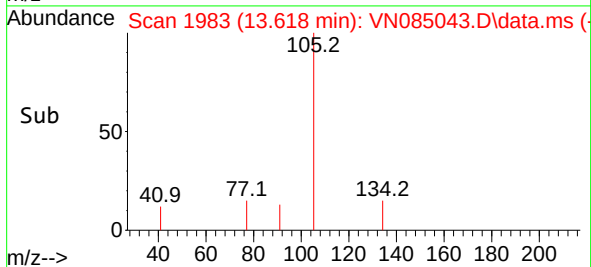
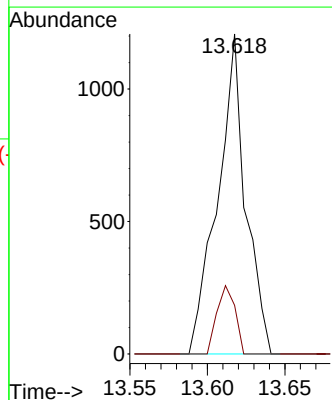
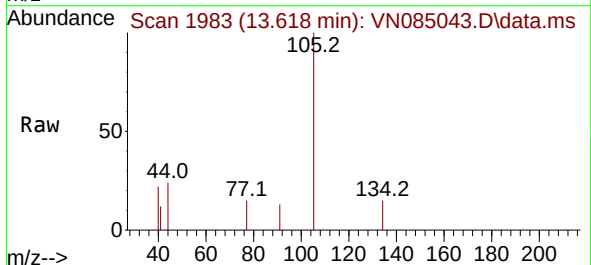
Instrument :
MSVOA_N
ClientSampleId :
PB165249TB

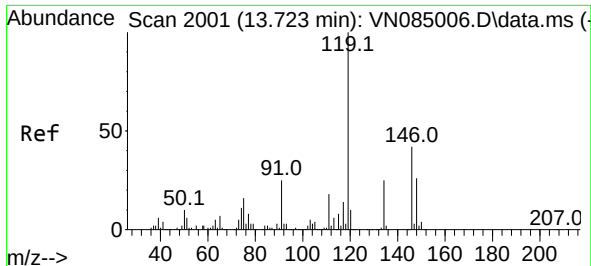
Tgt Ion: 91 Resp: 2335
Ion Ratio Lower Upper
91 100
126 29.4 16.1 48.3



#85
sec-Butylbenzene
Concen: 0.215 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion: 105 Resp: 1514
Ion Ratio Lower Upper
105 100
134 13.9 9.8 29.3

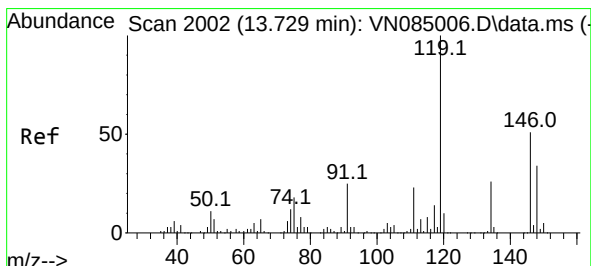
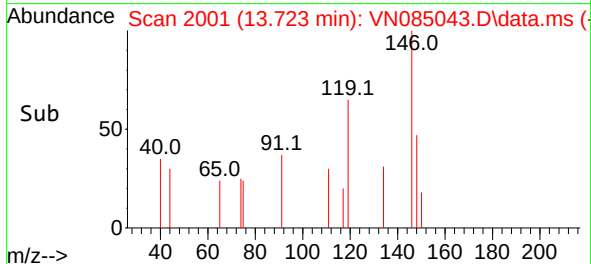
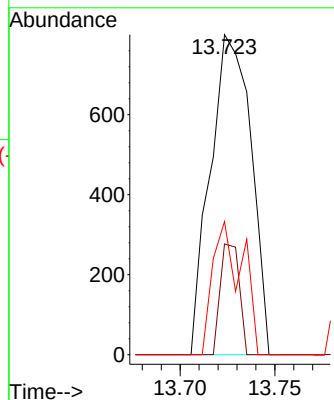
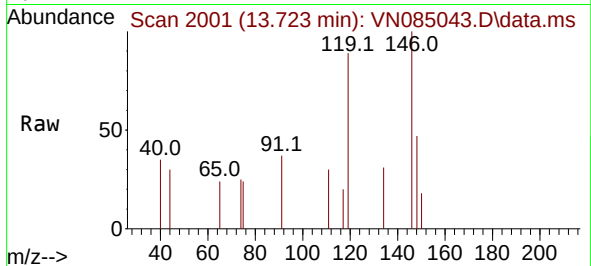




#86
p-Isopropyltoluene
Concen: 0.206 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

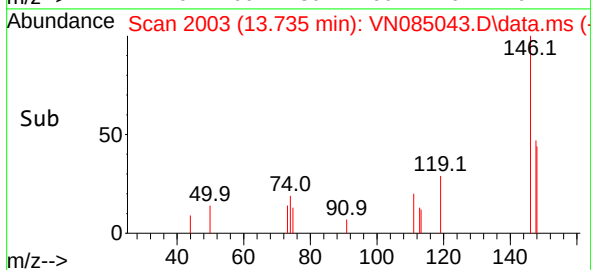
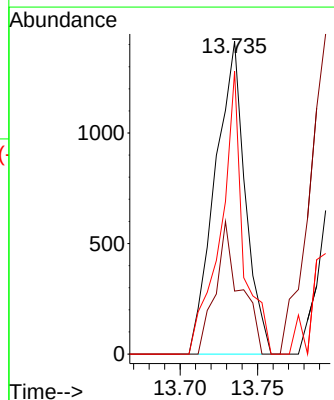
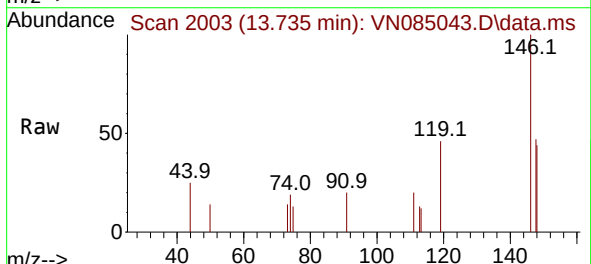
Instrument :
MSVOA_N
ClientSampleId :
PB165249TB

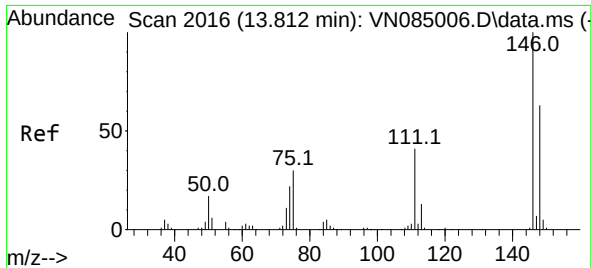
Tgt Ion:	119	Resp:	1198
Ion	Ratio	Lower	Upper
119	100		
134	16.1	13.0	39.0
91	30.1	12.8	38.4



#87
1,3-Dichlorobenzene
Concen: 0.501 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion:	146	Resp:	1915
Ion	Ratio	Lower	Upper
146	100		
111	34.6	21.6	65.0
148	68.3	32.2	96.6

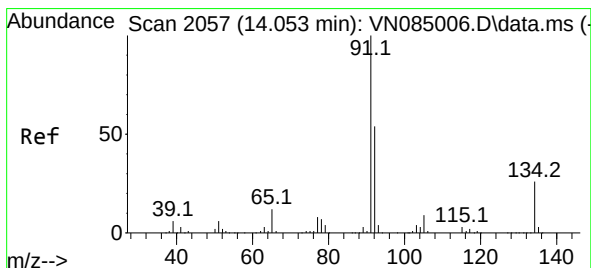
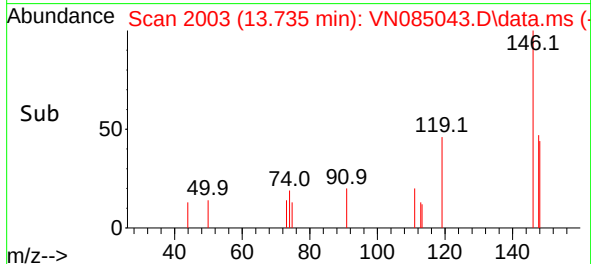
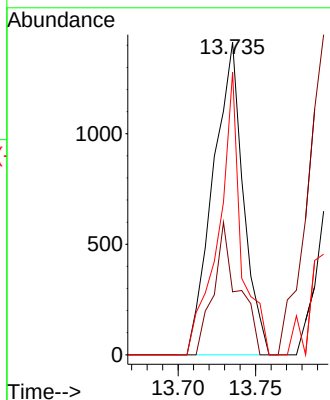
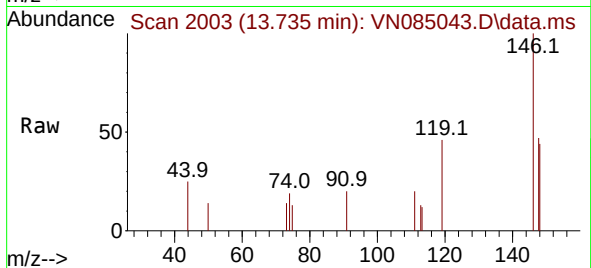




#88
1,4-Dichlorobenzene
Concen: 0.491 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.077 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

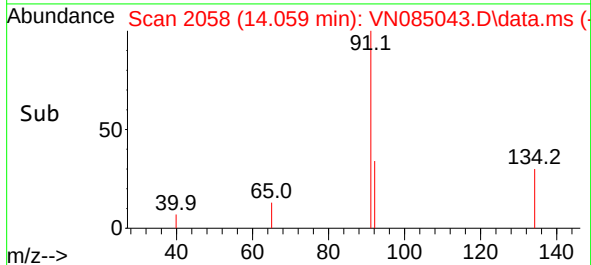
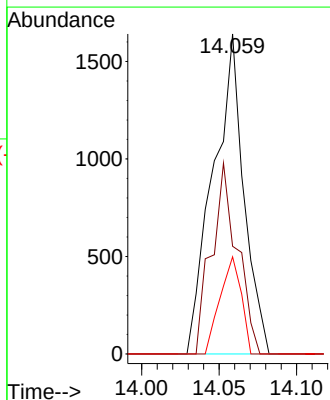
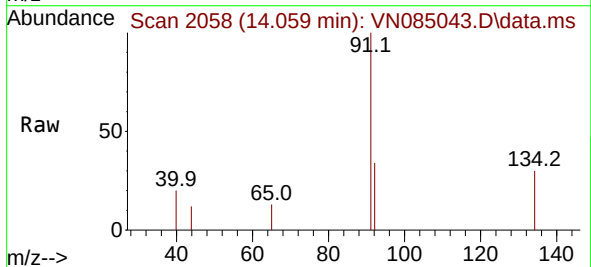
Instrument :
MSVOA_N
ClientSampleId :
PB165249TB

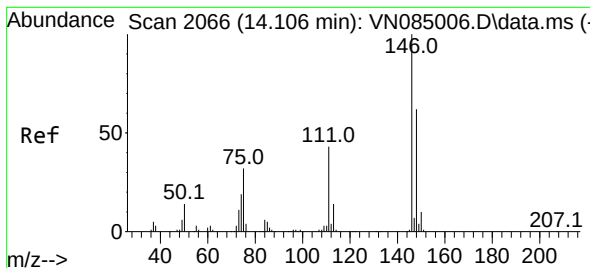
Tgt Ion:146 Resp: 1915
Ion Ratio Lower Upper
146 100
111 34.6 20.9 62.8
148 68.3 31.3 93.9



#89
n-Butylbenzene
Concen: 0.419 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion: 91 Resp: 2259
Ion Ratio Lower Upper
91 100
92 50.1 26.8 80.3
134 20.9 12.8 38.4





#91

1,2-Dichlorobenzene

Concen: 0.446 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

PB165249TB

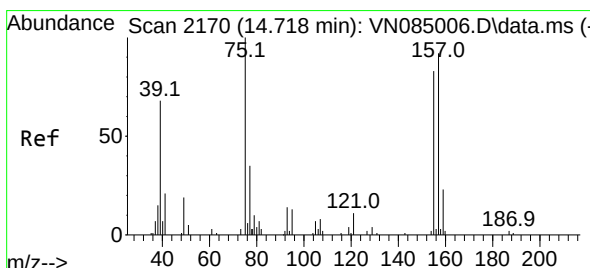
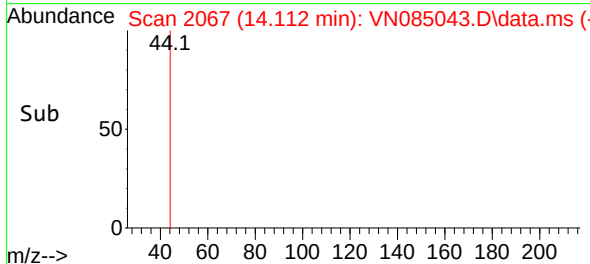
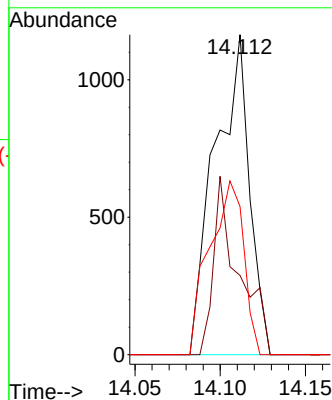
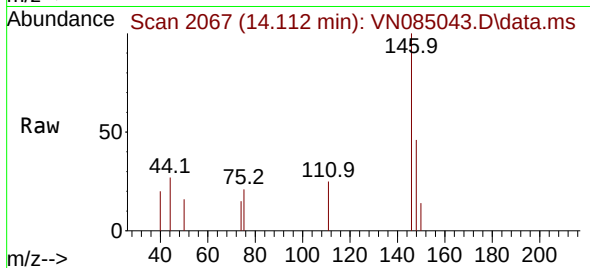
Tgt Ion:146 Resp: 1635

Ion Ratio Lower Upper

146 100

111 40.7 21.9 65.8

148 53.9 31.1 93.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.267 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

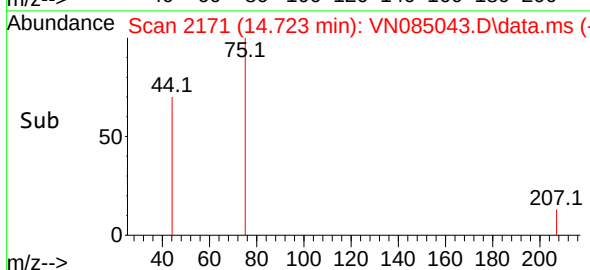
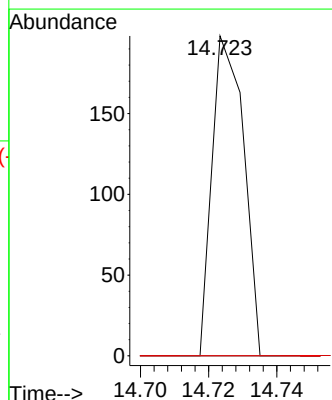
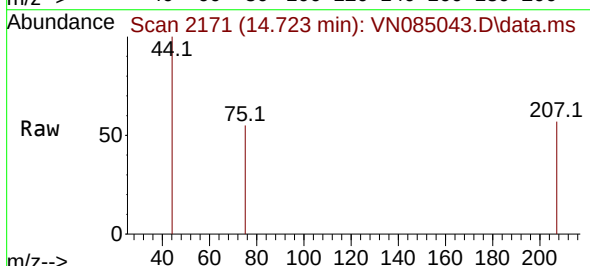
Tgt Ion: 75 Resp: 127

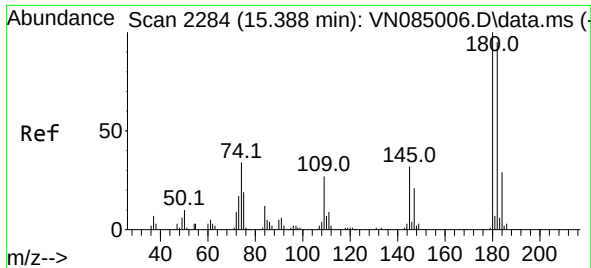
Ion Ratio Lower Upper

75 100

155 0.0 38.9 116.7#

157 0.0 48.3 144.9#

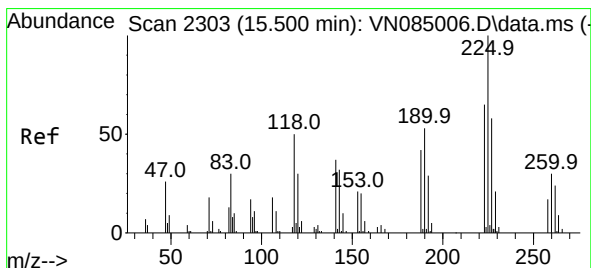
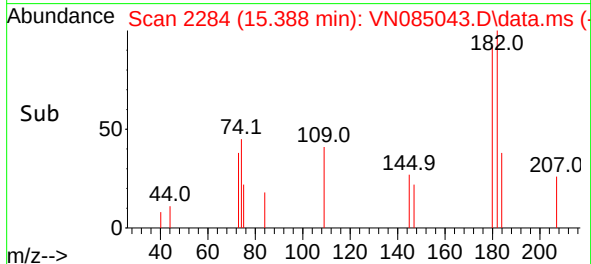
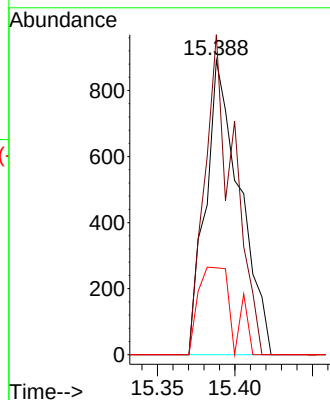
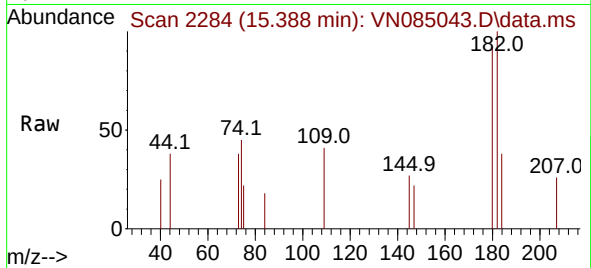




#93
1,2,4-Trichlorobenzene
Concen: 0.686 ug/l
RT: 15.388 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

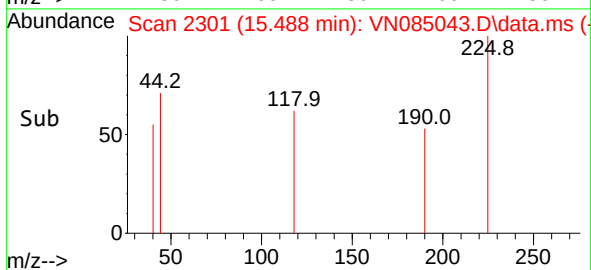
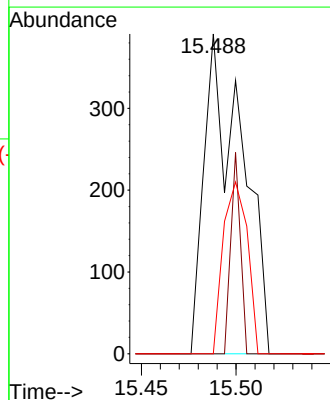
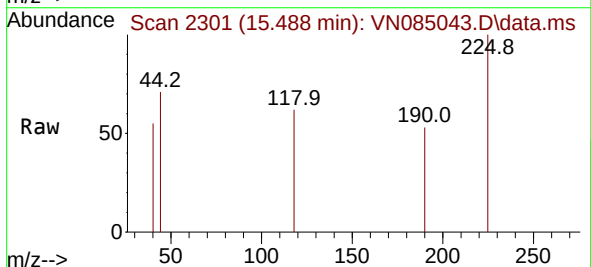
Instrument :
MSVOA_N
ClientSampleId :
PB165249TB

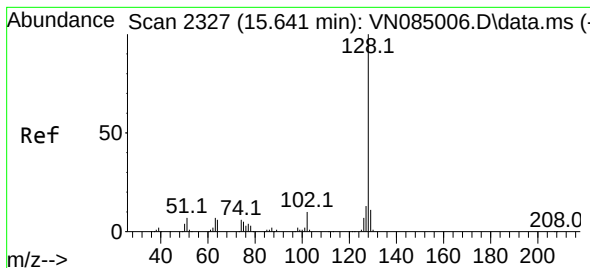
Tgt Ion:180 Resp: 1366
Ion Ratio Lower Upper
180 100
182 93.1 46.9 140.8
145 30.1 16.3 48.8



#94
Hexachlorobutadiene
Concen: 0.587 ug/l
RT: 15.488 min Scan# 2301
Delta R.T. -0.012 min
Lab File: VN085043.D
Acq: 26 Nov 2024 15:23

Tgt Ion:225 Resp: 539
Ion Ratio Lower Upper
225 100
223 16.1 30.9 92.8#
227 34.5 31.5 94.5





#95

Naphthalene

Concen: 0.774 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

PB165249TB

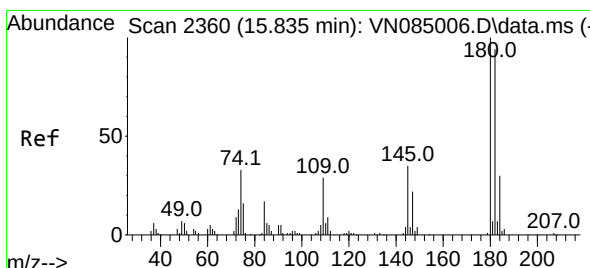
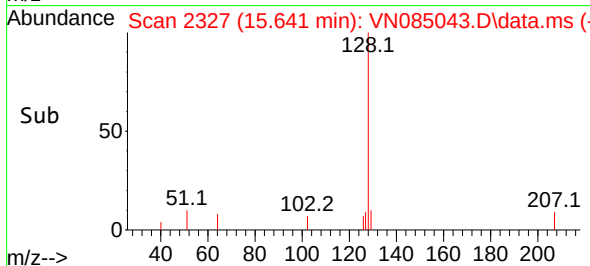
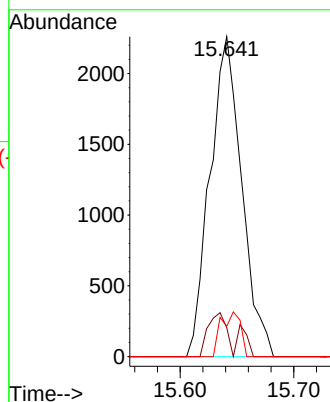
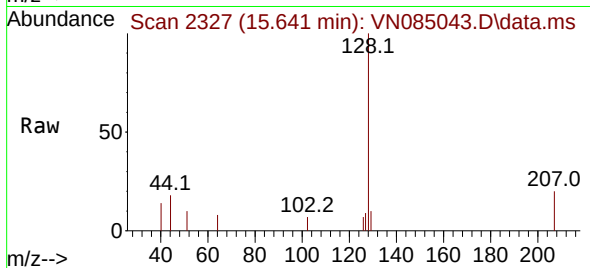
Tgt Ion:128 Resp: 4391

Ion Ratio Lower Upper

128 100

127 3.1 10.6 16.0#

129 8.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 0.778 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085043.D

Acq: 26 Nov 2024 15:23

Tgt Ion:180 Resp: 1479

Ion Ratio Lower Upper

180 100

182 102.8 46.4 139.2

145 37.6 17.3 52.0

