

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084961.D
 Acq On : 20 Nov 2024 11:57
 Operator : JC\MD
 Sample : VN1120MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 00:33:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	155884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	280408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95627	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115007	51.080	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.160%	
35) Dibromofluoromethane	8.165	113	93058	49.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.060%	
50) Toluene-d8	10.565	98	319180	45.651	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.300%	
62) 4-Bromofluorobenzene	12.847	95	110143	42.151	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 84.300%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.124	85	851	0.475 ug/l	#	39
3) Chloromethane	2.359	50	1345	Below Cal		94
4) Vinyl Chloride	2.518	62	803	0.417 ug/l	#	42
5) Bromomethane	2.901	94	1096	1.073 ug/l		99
6) Chloroethane	3.036	64	598	Below Cal	#	45
7) Trichlorofluoromethane	3.459	101	1021	0.322 ug/l	#	77
13) Acrolein	4.171	56	140	0.472 ug/l	#	80
16) Acetone	4.424	43	193	Below Cal	#	44
17) Carbon Disulfide	4.683	76	2436	0.446 ug/l	#	75
18) Methyl Acetate	5.024	43	4514	Below Cal		95
19) Methyl tert-butyl Ether	5.800	73	2073	0.381 ug/l	#	54
20) Methylene Chloride	5.265	84	587	0.296 ug/l	#	65
21) trans-1,2-Dichloroethene	5.771	96	746	0.409 ug/l	#	76
24) 1,1-Dichloroethane	6.559	63	1224	0.356 ug/l	#	83
25) 2-Butanone	7.494	43	847	0.806 ug/l	#	48
27) cis-1,2-Dichloroethene	7.477	96	473	0.222 ug/l		94
28) Bromochloromethane	7.806	49	335	0.245 ug/l	#	64
30) Chloroform	7.959	83	1233	0.353 ug/l		89
31) Cyclohexane	8.212	56	4487	1.444 ug/l	#	31
32) 1,1,1-Trichloroethane	8.165	97	1150	0.361 ug/l	#	23
36) 1,1-Dichloropropene	8.224	75	13007	4.941 ug/l	#	51
37) Ethyl Acetate	7.494	43	847	0.355 ug/l	#	1
38) Carbon Tetrachloride	8.224	117	17129	5.822 ug/l	#	15
39) Methylcyclohexane	9.594	83	790	0.295 ug/l	#	86
40) Benzene	8.600	78	2372	0.281 ug/l		93
42) 1,2-Dichloroethane	8.665	62	1232	0.450 ug/l	#	75
43) Isopropyl Acetate	8.659	43	1662	Below Cal	#	56
44) Trichloroethene	9.353	130	718	0.368 ug/l		74
45) 1,2-Dichloropropane	9.624	63	567	0.286 ug/l	#	85
47) Bromodichloromethane	9.888	83	772	0.262 ug/l	#	67
48) Methyl methacrylate	9.606	41	799	0.430 ug/l	#	35
51) 4-Methyl-2-Pentanone	10.441	43	1769	0.777 ug/l	#	84
52) Toluene	10.624	92	1749	0.354 ug/l		92
53) t-1,3-Dichloropropene	10.835	75	1138	0.373 ug/l	#	88
54) cis-1,3-Dichloropropene	10.312	75	1229	0.380 ug/l		91
55) 1,1,2-Trichloroethane	11.018	97	474	0.255 ug/l		92

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 Sample : VN1120MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

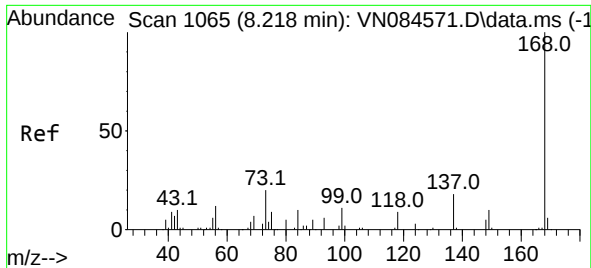
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 00:33:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
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 Response via : Initial Calibration

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

59) 2-Hexanone	11.194	43	1327	0.801	ug/l	88
60) Dibromochloromethane	11.353	129	632	0.298	ug/l	96
61) 1,2-Dibromoethane	11.471	107	586	0.307	ug/l	93
64) Tetrachloroethene	11.100	164	400	0.258	ug/l	96
65) Chlorobenzene	11.882	112	2199	0.422	ug/l	100
67) Ethyl Benzene	11.965	91	3236	0.372	ug/l	90
68) m/p-Xylenes	12.065	106	1405	0.427	ug/l	75
69) o-Xylene	12.400	106	1023	0.332	ug/l	89
70) Styrene	12.406	104	1894	0.353	ug/l	92
71) Bromoform	12.576	173	517	0.379	ug/l #	30
73) Isopropylbenzene	12.700	105	2367	0.353	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	1180	0.528	ug/l #	91
76) 1,2,3-Trichloropropane	12.847	75	58084	30.386	ug/l #	1
77) Bromobenzene	12.988	156	475	0.264	ug/l	86
79) 2-Chlorotoluene	13.223	91	1376	0.268	ug/l	86
80) 1,3,5-Trimethylbenzene	13.171	105	2331	0.420	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.847	75	58084	72.088	ug/l #	11
82) 4-Chlorotoluene	13.223	91	1376	0.255	ug/l	86
84) 1,2,4-Trimethylbenzene	13.476	105	2423	0.423	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	2258	0.642	ug/l	97
88) 1,4-Dichlorobenzene	13.729	146	2258	Below Cal		96
89) n-Butylbenzene	14.053	91	2133	0.428	ug/l	94
91) 1,2-Dichlorobenzene	14.100	146	2059	0.609	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	235	0.519	ug/l #	55
93) 1,2,4-Trichlorobenzene	15.400	180	2084	1.127	ug/l	95
94) Hexachlorobutadiene	15.512	225	887	1.092	ug/l	87
95) Naphthalene	15.647	128	7021	1.268	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	2657	1.480	ug/l	88

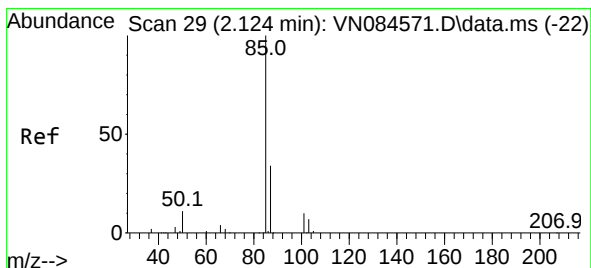
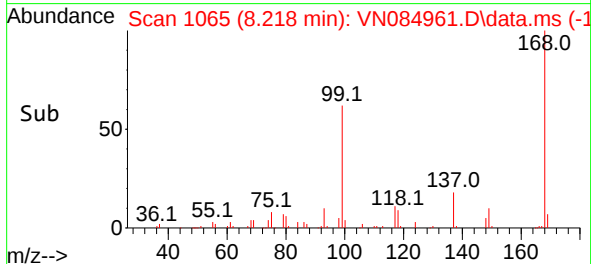
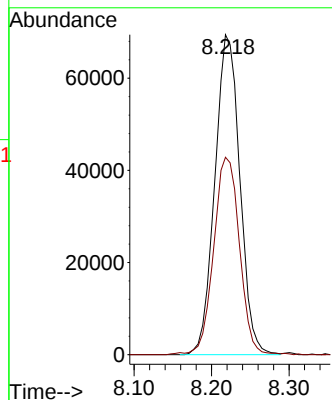
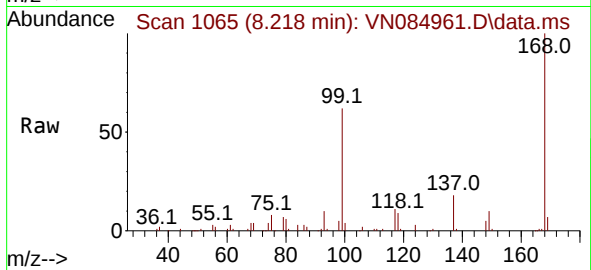
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

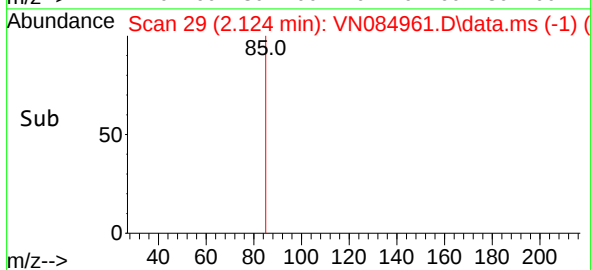
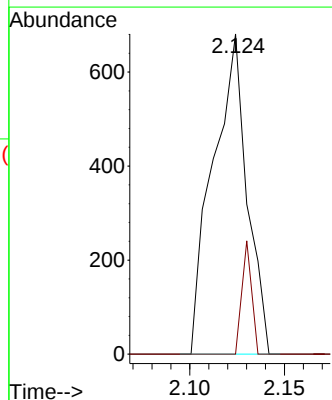
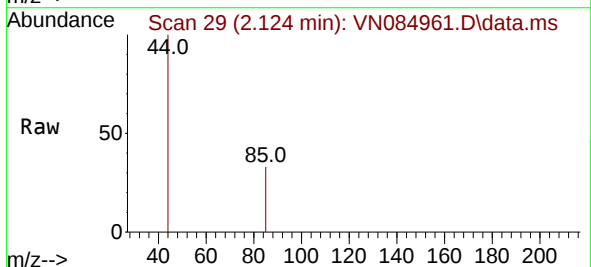
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MSVOA_N
ClientSampleId :

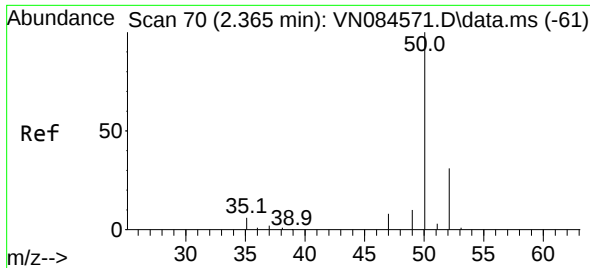
Tgt Ion:168 Resp: 155884
Ion Ratio Lower Upper
168 100
99 61.5 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 0.475 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion: 85 Resp: 851
Ion Ratio Lower Upper
85 100
87 0.0 17.6 52.9





#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

Instrument :

MSVOA_N

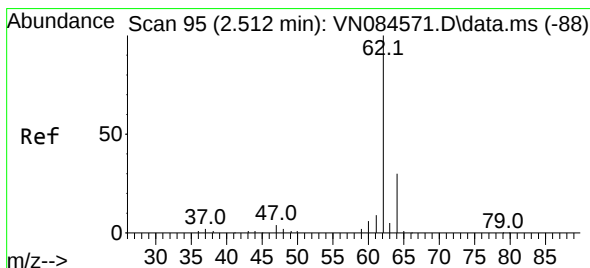
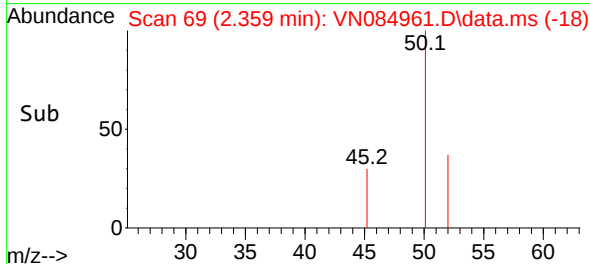
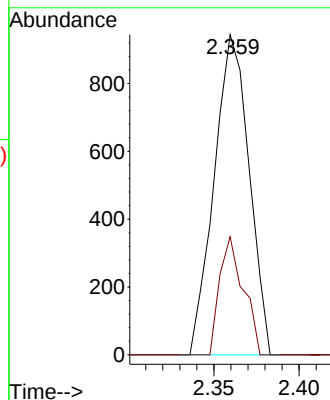
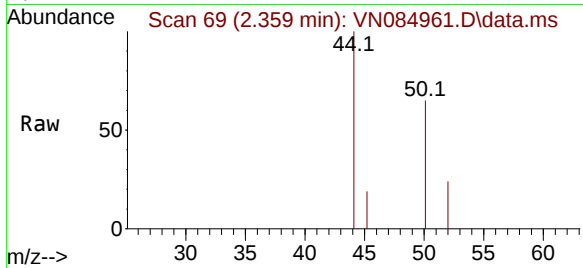
ClientSampleId :

Tgt Ion: 50 Resp: 1345

Ion Ratio Lower Upper

50 100

52 36.9 26.8 40.2



#4

Vinyl Chloride

Concen: 0.417 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN084961.D

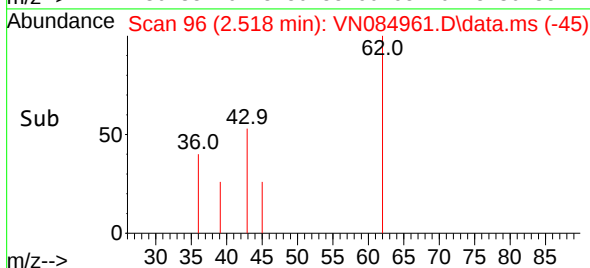
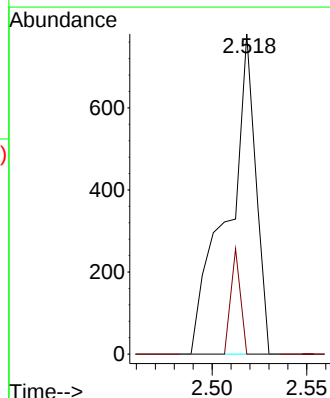
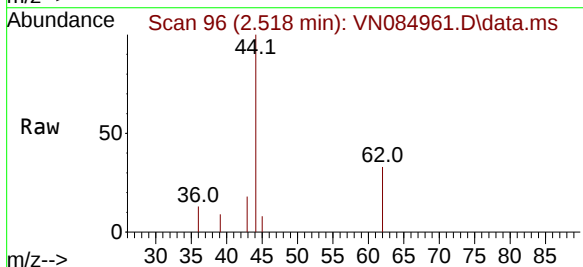
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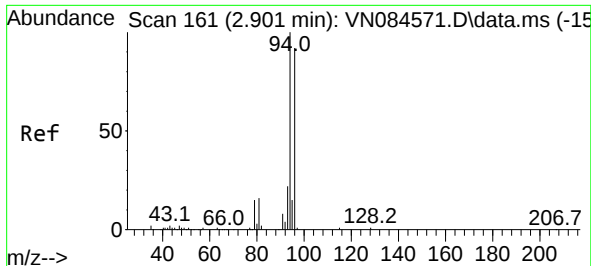
Tgt Ion: 62 Resp: 803

Ion Ratio Lower Upper

62 100

64 0.0 26.2 39.4#

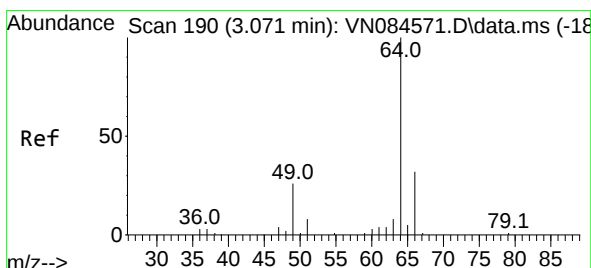
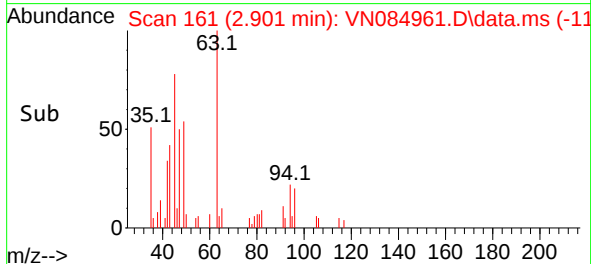
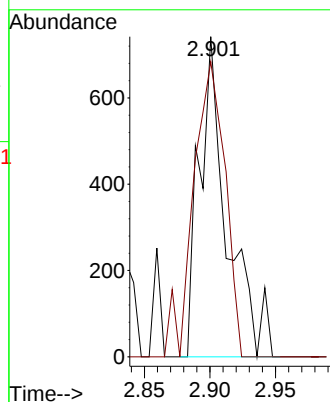
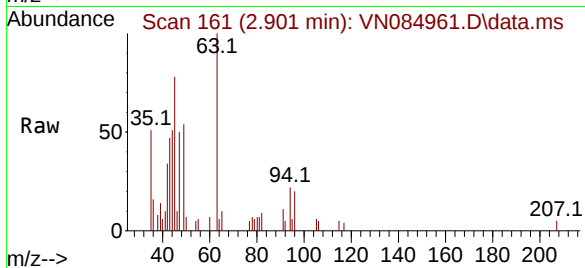




#5
Bromomethane
Concen: 1.073 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.052 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

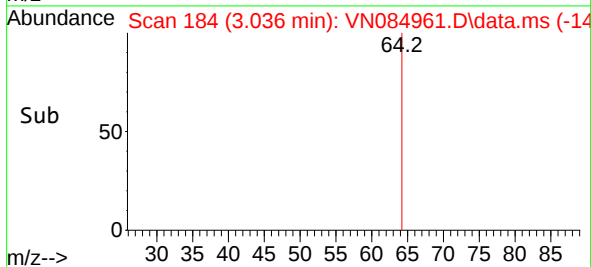
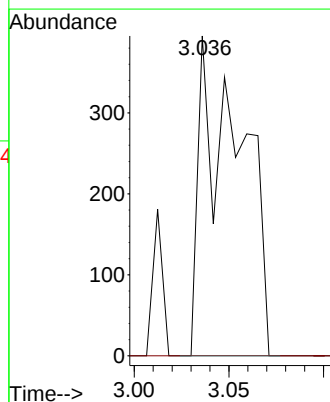
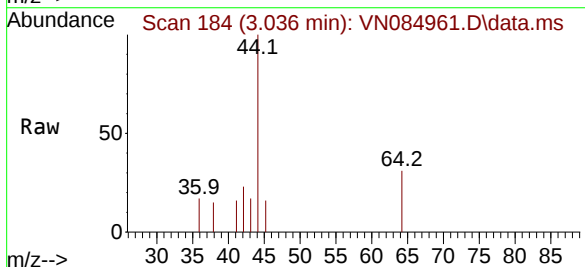
Instrument :
MSVOA_N
ClientSampleId :

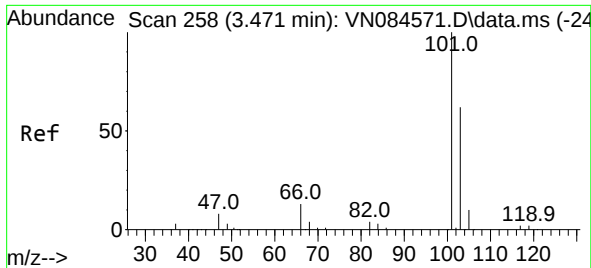
Tgt Ion: 94 Resp: 1096
Ion Ratio Lower Upper
94 100
96 92.2 72.9 109.3



#6
Chloroethane
Concen: Below Cal
RT: 3.036 min Scan# 184
Delta R.T. -0.082 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion: 64 Resp: 598
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

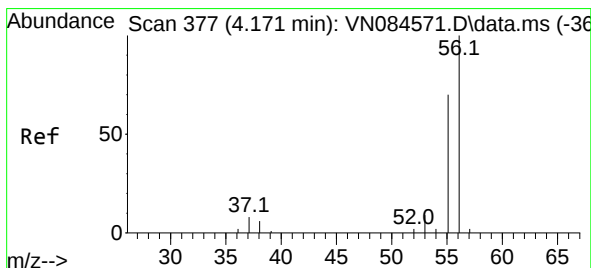
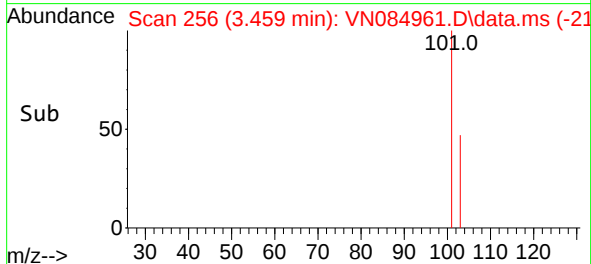
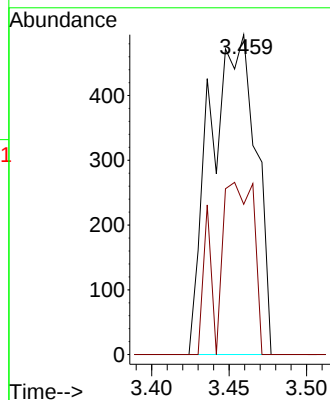
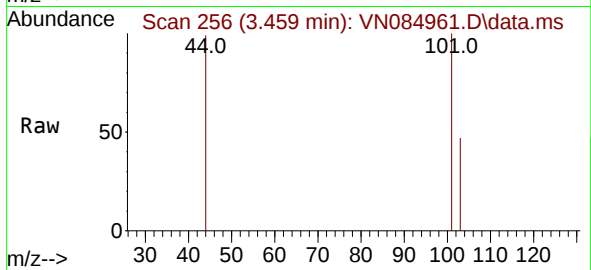




#7
 Trichlorofluoromethane
 Concen: 0.322 ug/l
 RT: 3.459 min Scan# 210
 Delta R.T. -0.036 min
 Lab File: VN084961.D
 Acq: 20 Nov 2024 11:57

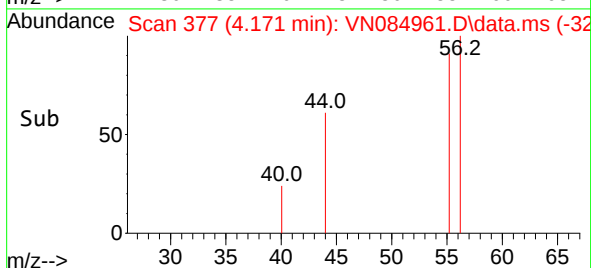
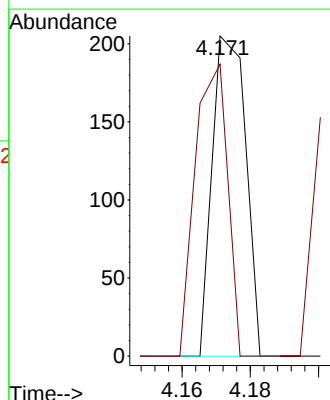
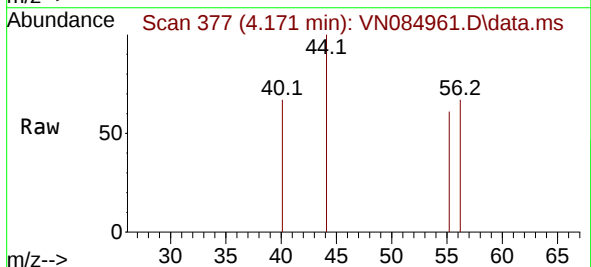
Instrument :
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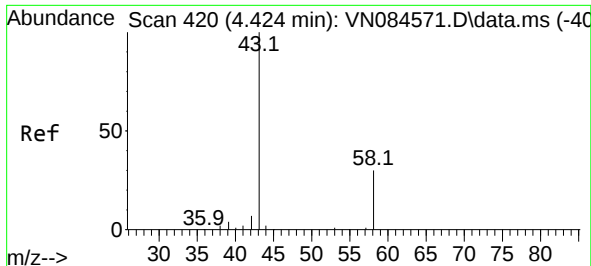
Tgt Ion:101 Resp: 1021
 Ion Ratio Lower Upper
 101 100
 103 47.0 51.8 77.6#



#13
 Acrolein
 Concen: 0.472 ug/l
 RT: 4.171 min Scan# 377
 Delta R.T. -0.006 min
 Lab File: VN084961.D
 Acq: 20 Nov 2024 11:57

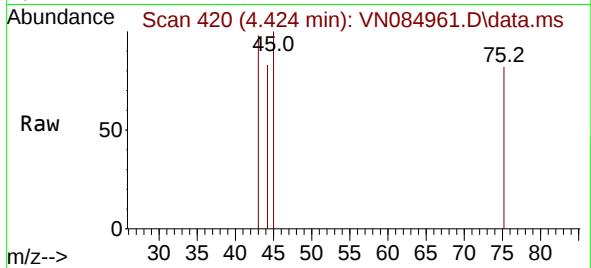
Tgt Ion: 56 Resp: 140
 Ion Ratio Lower Upper
 56 100
 55 87.9 57.2 85.8#



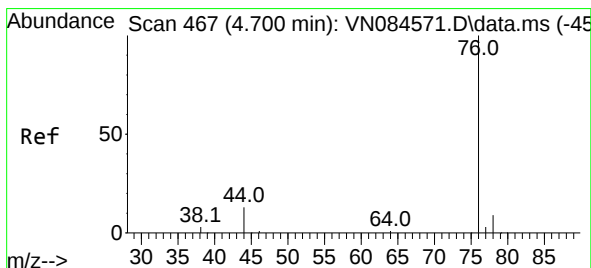
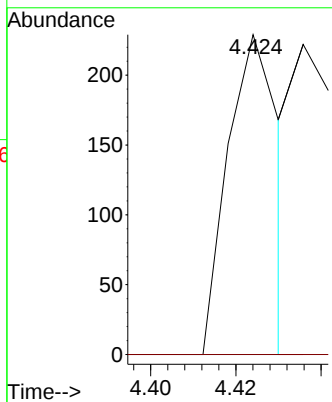
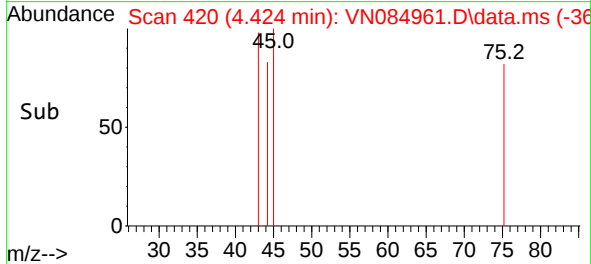


#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

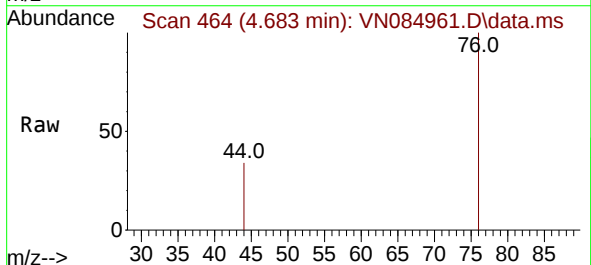
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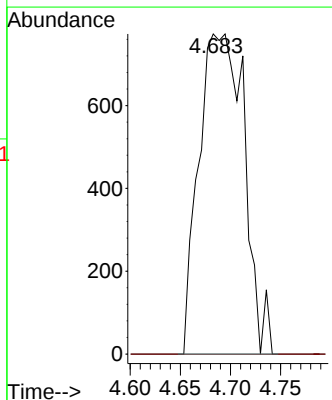
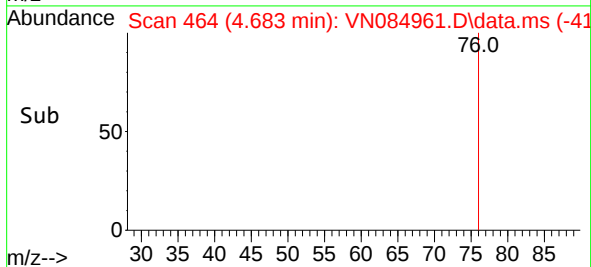
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Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

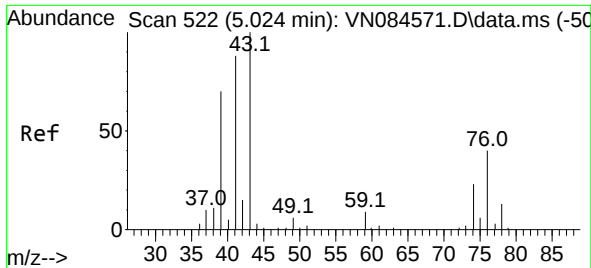


#17
Carbon Disulfide
Concen: 0.446 ug/l
RT: 4.683 min Scan# 464
Delta R.T. -0.029 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57



Tgt Ion: 76 Resp: 2436
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

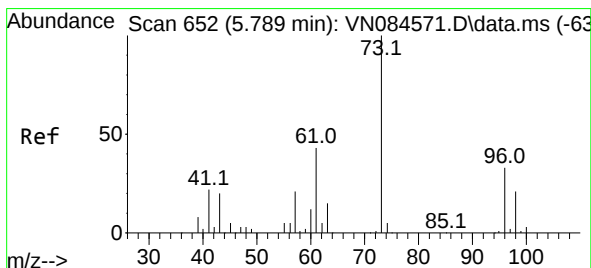
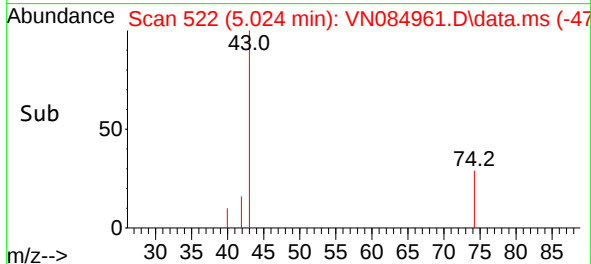
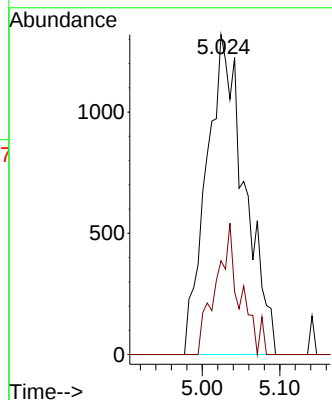
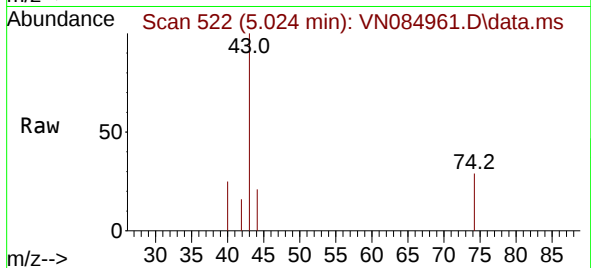




#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

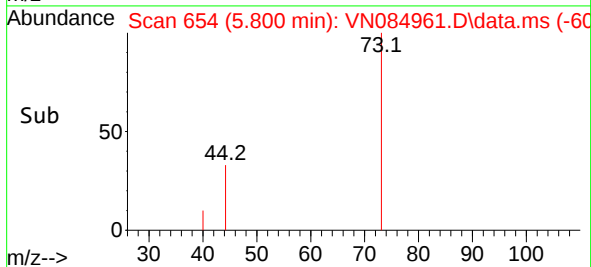
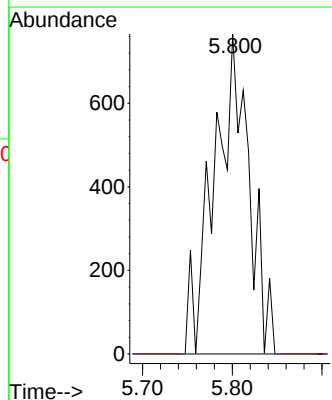
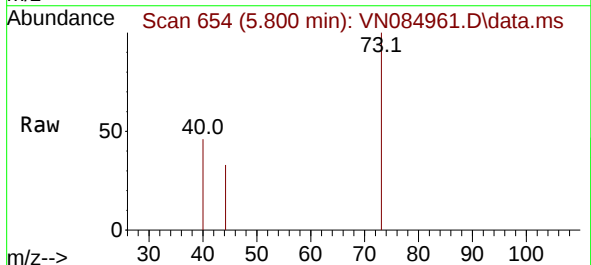
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ClientSampleId :

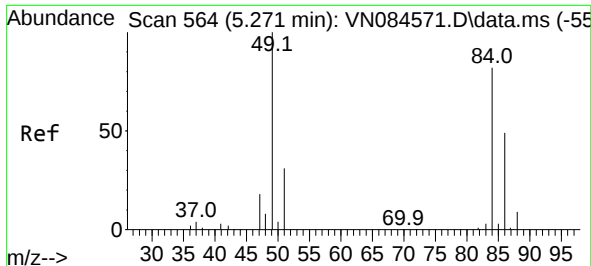
Tgt Ion: 43 Resp: 4514
Ion Ratio Lower Upper
43 100
74 26.3 19.2 28.8



#19
Methyl tert-butyl Ether
Concen: 0.381 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

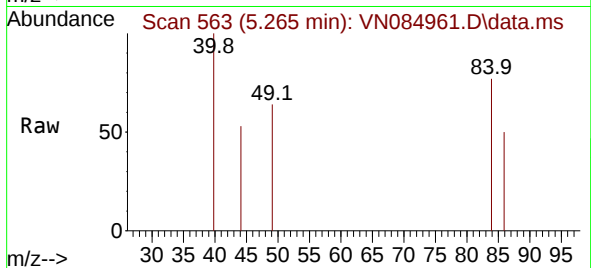
Tgt Ion: 73 Resp: 2073
Ion Ratio Lower Upper
73 100
57 0.0 17.7 26.5#





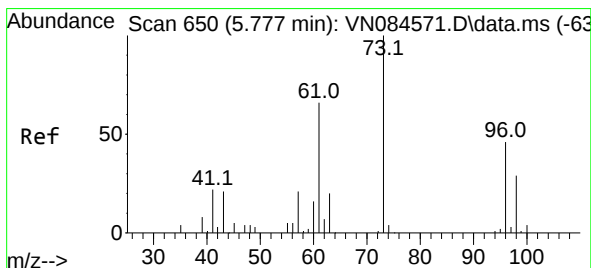
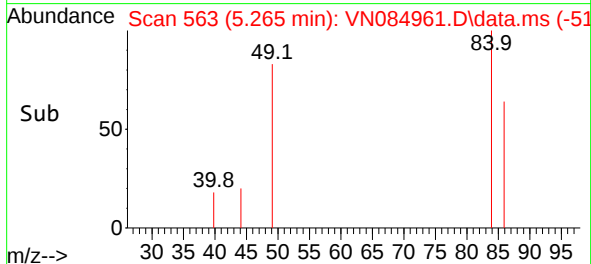
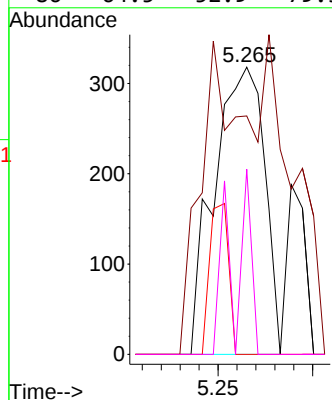
#20
Methylene Chloride
Concen: 0.296 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 587

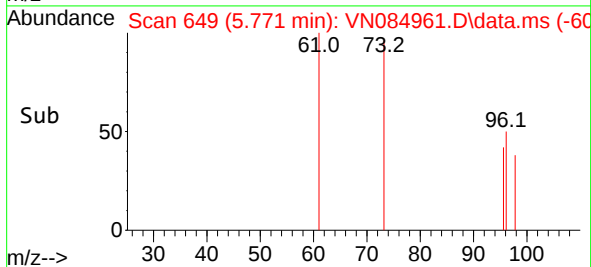
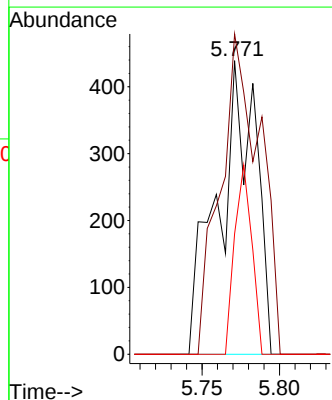
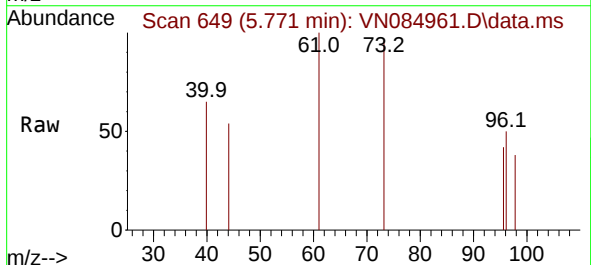
Ion	Ratio	Lower	Upper
84	100		
49	83.0	107.2	160.8#
51	0.0	31.8	47.8#
86	64.5	52.9	79.3

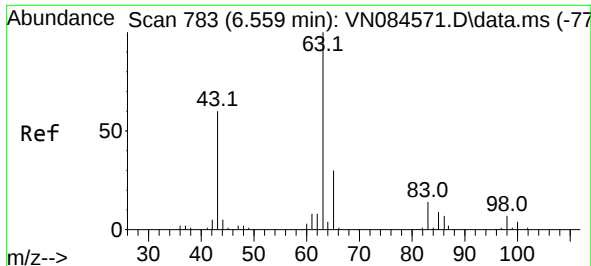


#21
trans-1,2-Dichloroethene
Concen: 0.409 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.018 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion: 96 Resp: 746

Ion	Ratio	Lower	Upper
96	100		
61	109.1	108.4	162.6
98	41.0	49.8	74.8#





#24

1,1-Dichloroethane

Concen: 0.356 ug/l

RT: 6.559 min Scan# 71

Delta R.T. -0.012 min

Lab File: VN084961.D

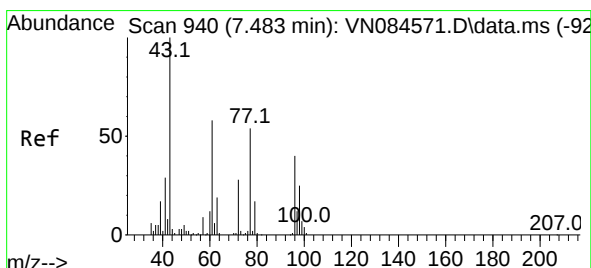
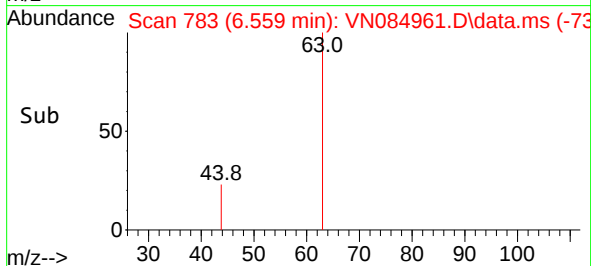
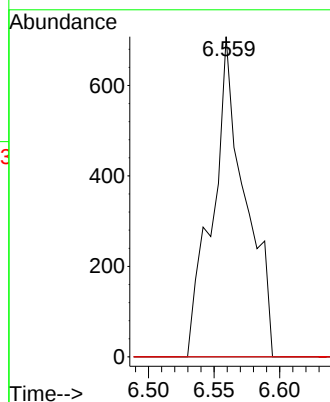
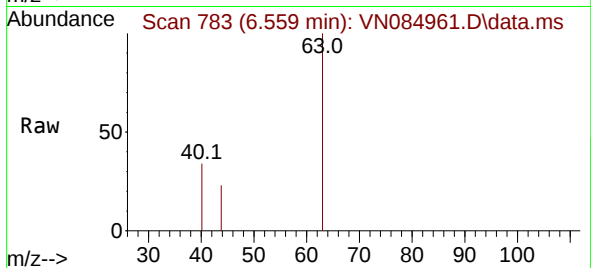
Acq: 20 Nov 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	63	Resp:	1224
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.4	10.2#
100	0.0	2.0	5.8#



#25

2-Butanone

Concen: 0.806 ug/l

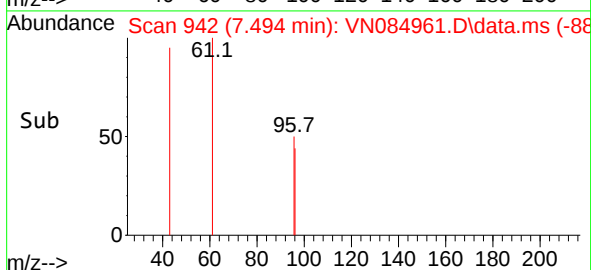
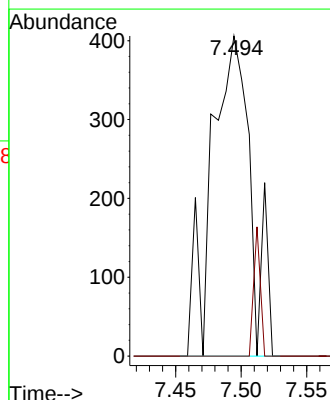
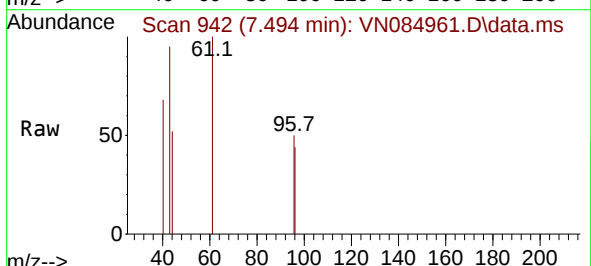
RT: 7.494 min Scan# 942

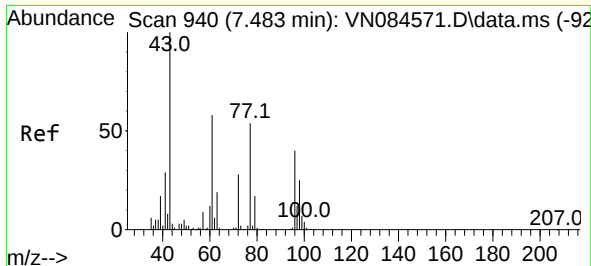
Delta R.T. 0.012 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

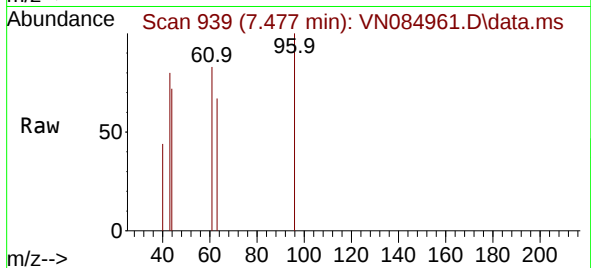
Tgt Ion:	43	Resp:	847
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#





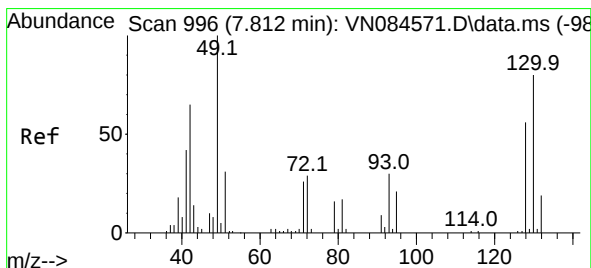
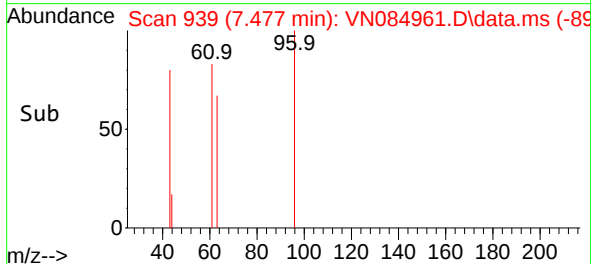
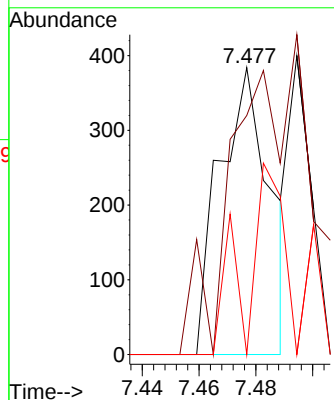
#27
 cis-1,2-Dichloroethene
 Concen: 0.222 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VN084961.D
 Acq: 20 Nov 2024 11:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 473

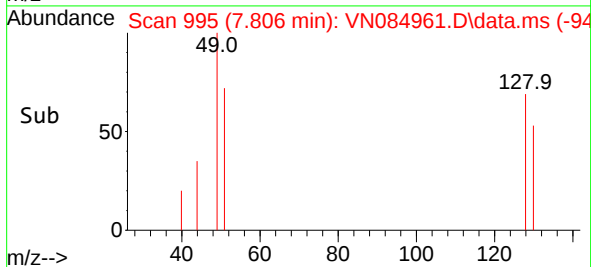
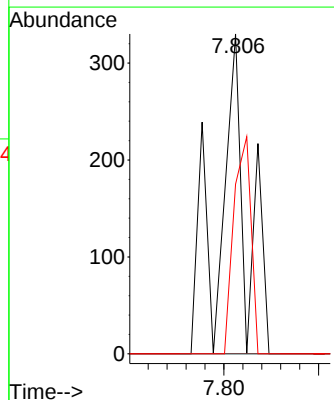
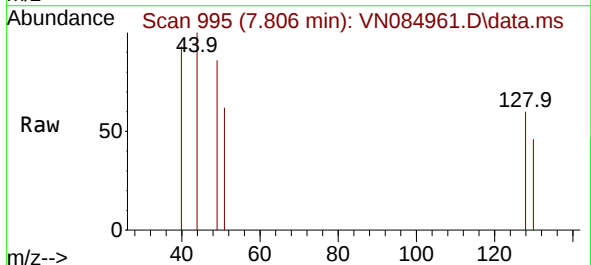
Ion	Ratio	Lower	Upper
96	100		
61	160.9	0.0	301.8
98	61.9	0.0	128.2

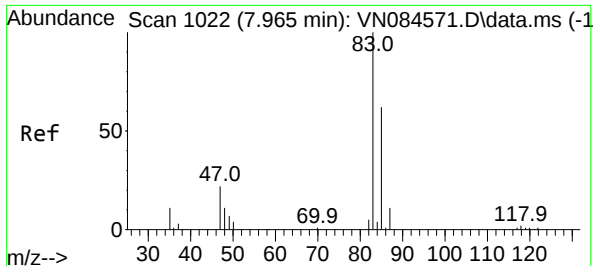


#28
 Bromochloromethane
 Concen: 0.245 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084961.D
 Acq: 20 Nov 2024 11:57

Tgt Ion: 49 Resp: 335

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	42.1	58.0	87.0





#30

Chloroform

Concen: 0.353 ug/l

RT: 7.959 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

Instrument :

MSVOA_N

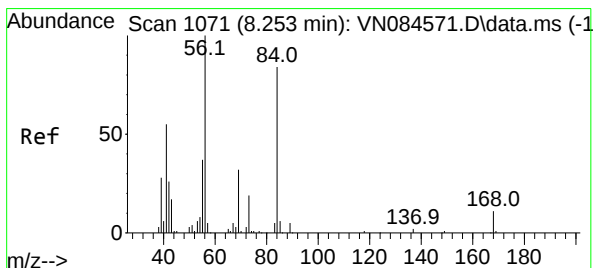
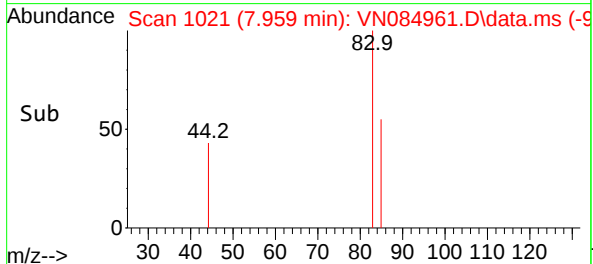
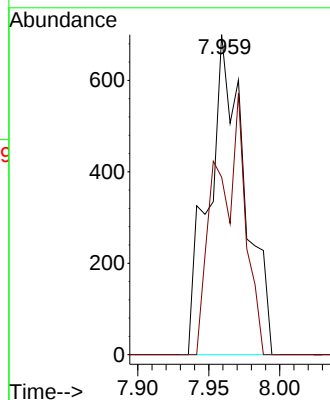
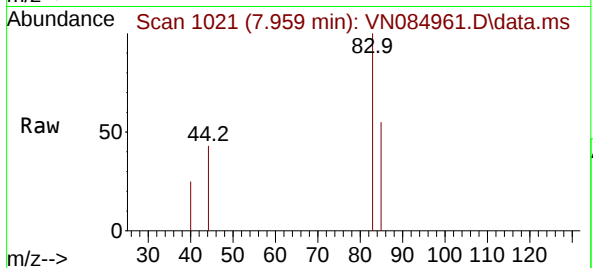
ClientSampleId :

Tgt Ion: 83 Resp: 1233

Ion Ratio Lower Upper

83 100

85 55.4 51.0 76.4



#31

Cyclohexane

Concen: 1.444 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.041 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

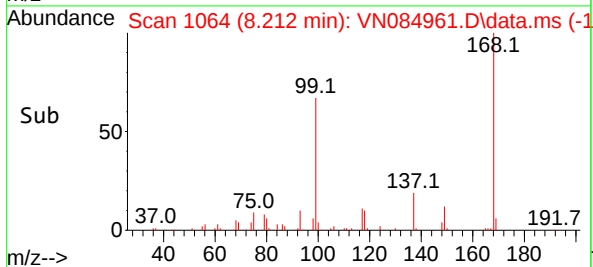
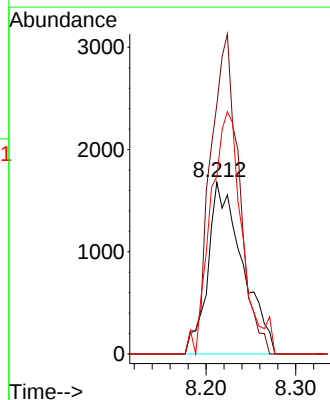
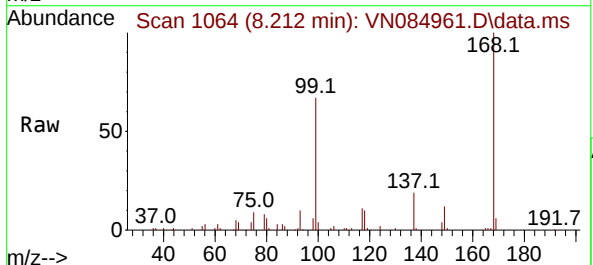
Tgt Ion: 56 Resp: 4487

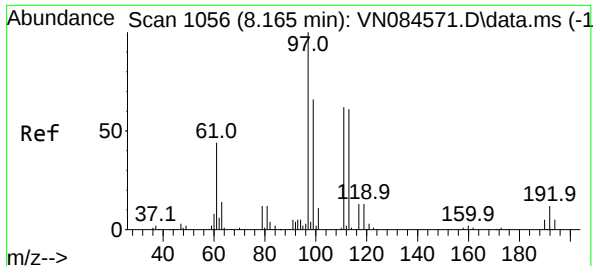
Ion Ratio Lower Upper

56 100

69 145.2 23.8 35.6#

84 103.3 68.8 103.2#





#32

1,1,1-Trichloroethane

Concen: 0.361 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

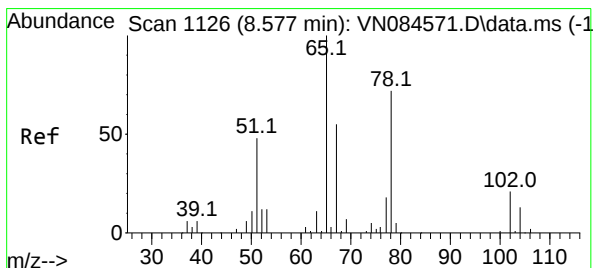
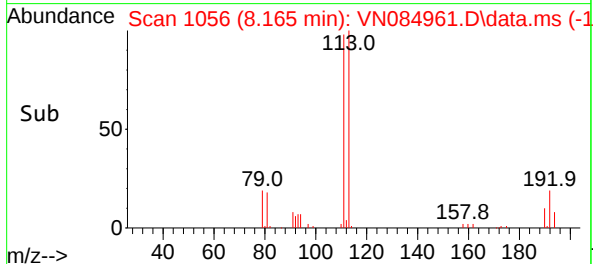
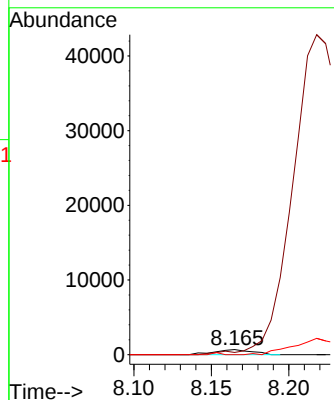
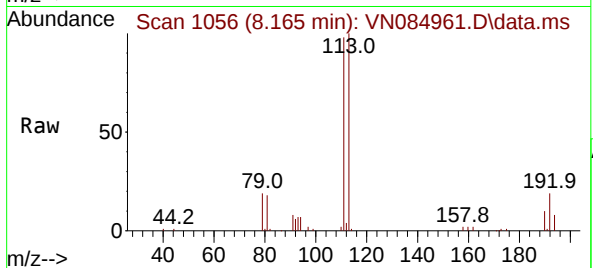
Tgt Ion: 97 Resp: 1150

Ion Ratio Lower Upper

97 100

99 0.0 51.2 76.8#

61 0.0 37.5 56.3#



#33

1,2-Dichloroethane-d4

Concen: 51.080 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084961.D

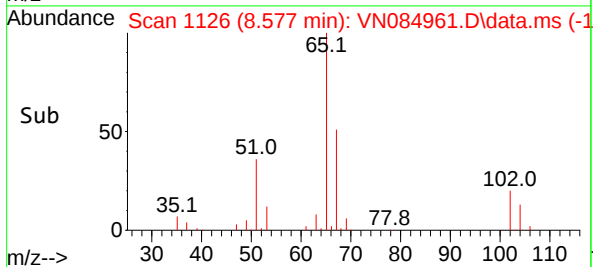
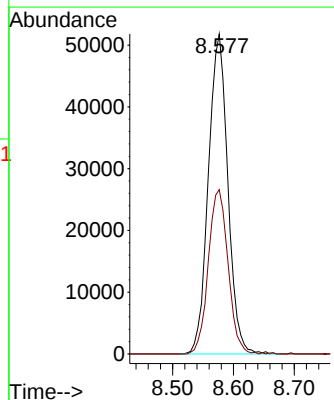
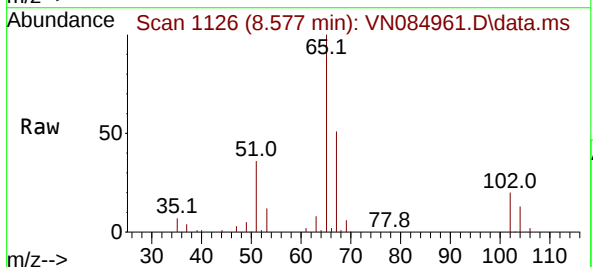
Acq: 20 Nov 2024 11:57

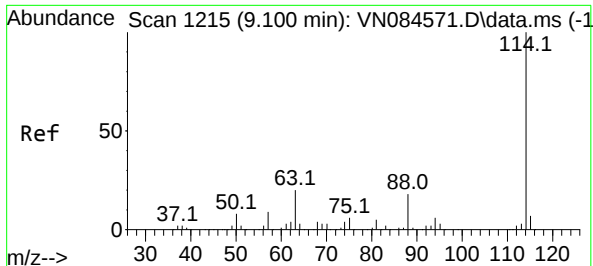
Tgt Ion: 65 Resp: 115007

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

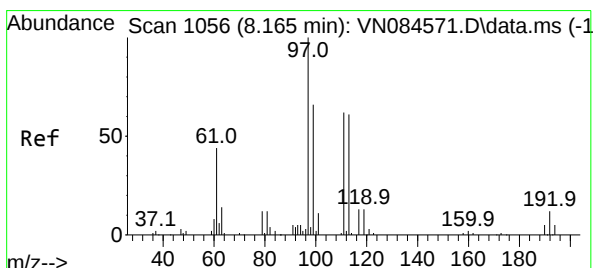
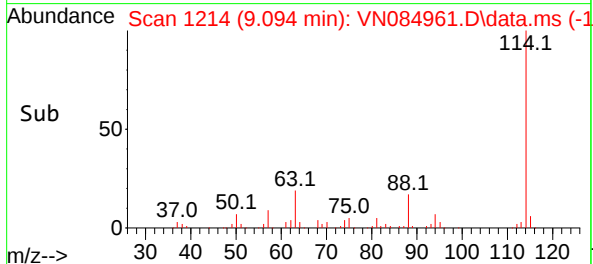
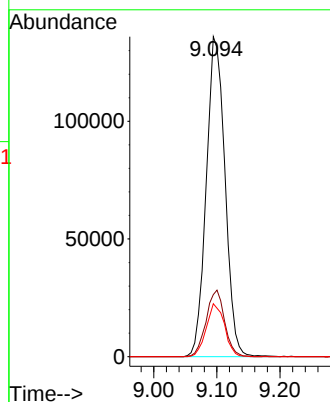
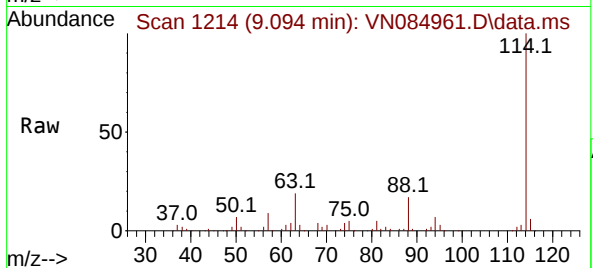
Tgt Ion:114 Resp: 280408

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.8

88 16.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.029 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

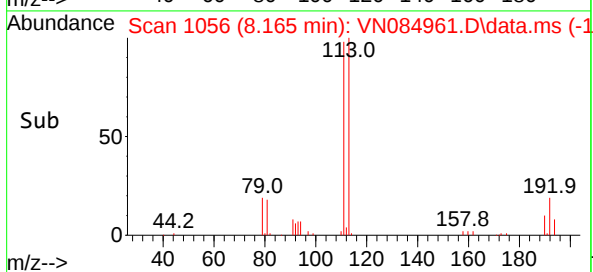
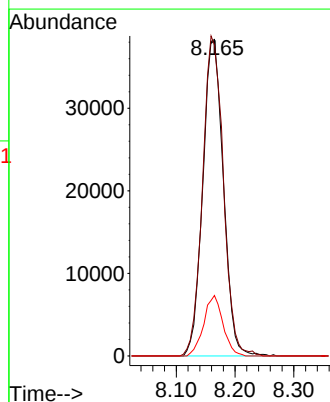
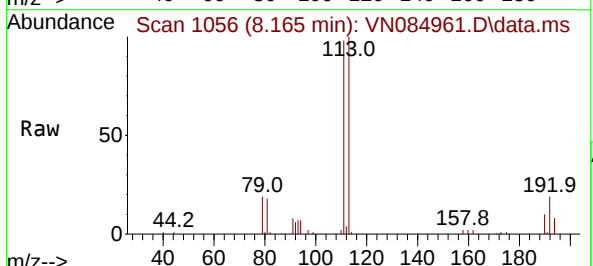
Tgt Ion:113 Resp: 93058

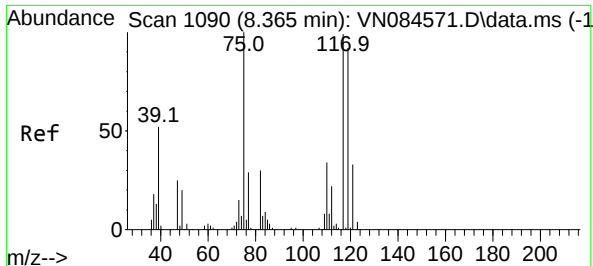
Ion Ratio Lower Upper

113 100

111 102.1 83.3 124.9

192 17.9 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.941 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.147 min

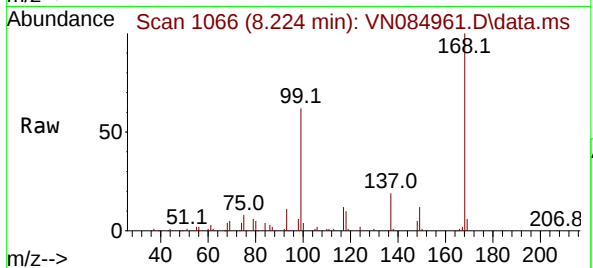
Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

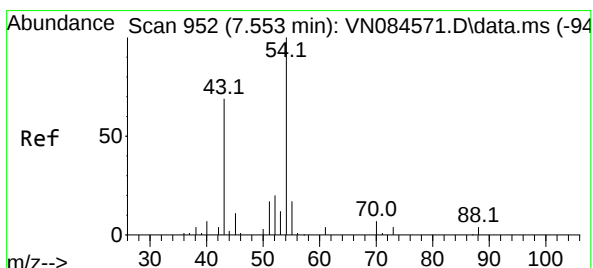
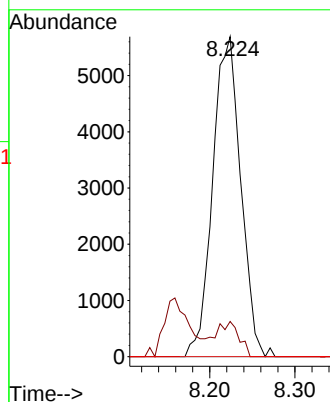
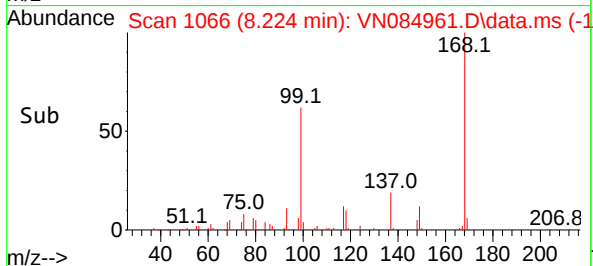
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	13007
Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.9	50.7#
77	0.0	24.7	37.1#



#37

Ethyl Acetate

Concen: 0.355 ug/l

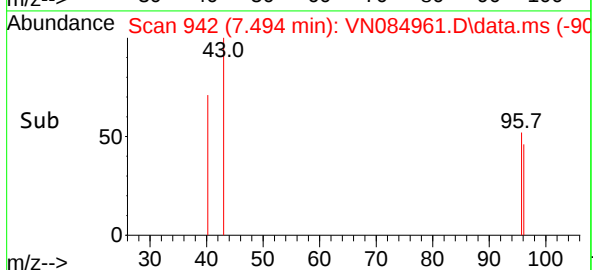
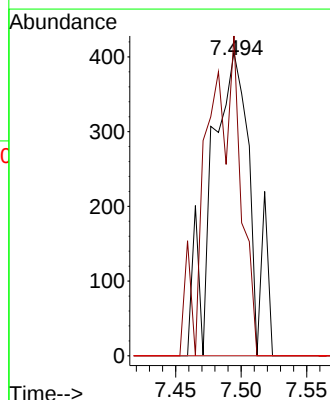
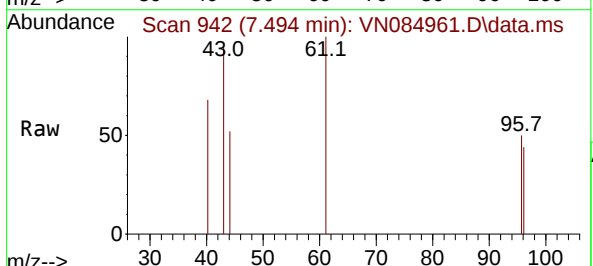
RT: 7.494 min Scan# 942

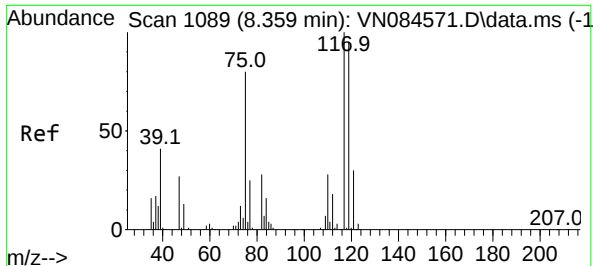
Delta R.T. -0.065 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

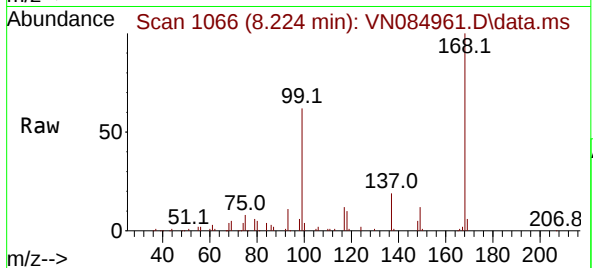
Tgt Ion:	43	Resp:	847
Ion	Ratio	Lower	Upper
43	100		
61	89.8	10.7	16.1#
70	0.0	8.8	13.2#



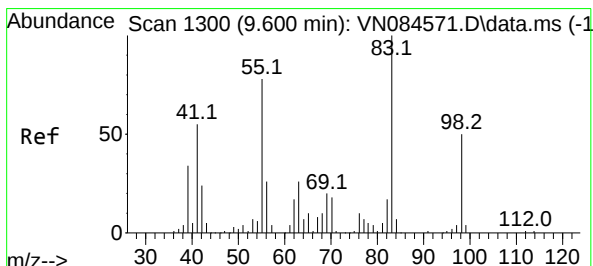
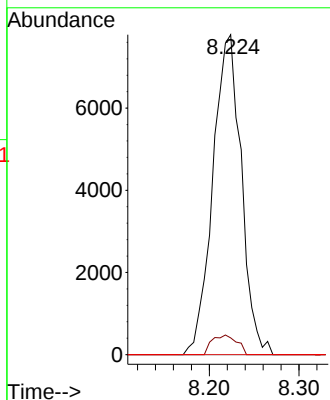
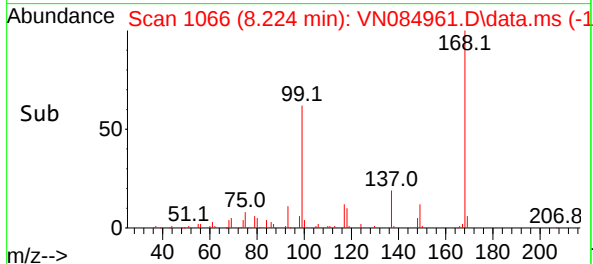


#38
Carbon Tetrachloride
Concen: 5.822 ug/l
RT: 8.224 min Scan# 117
Delta R.T. -0.135 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :

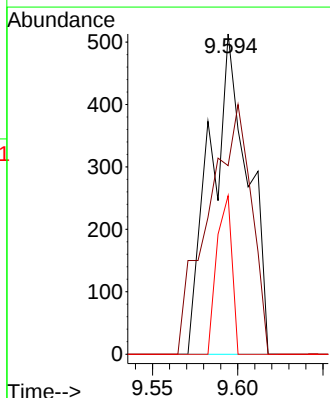
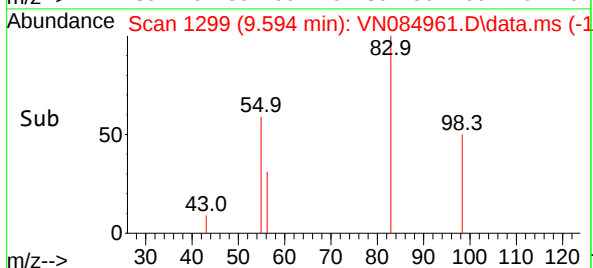
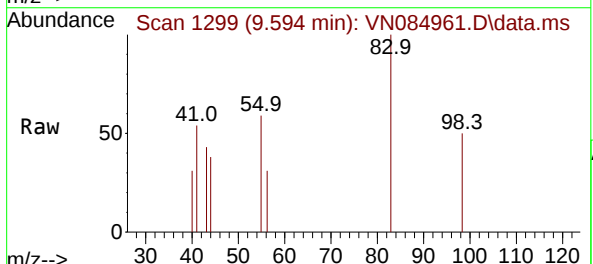


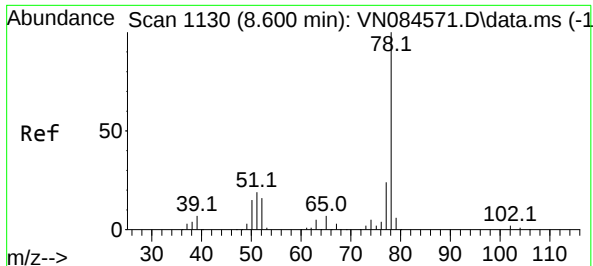
Tgt Ion:117 Resp: 17129
Ion Ratio Lower Upper
117 100
119 5.3 78.7 118.1#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.295 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion: 83 Resp: 790
Ion Ratio Lower Upper
83 100
55 58.9 62.8 94.2#
98 49.5 38.8 58.2

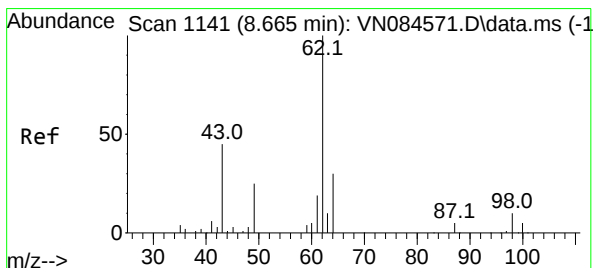
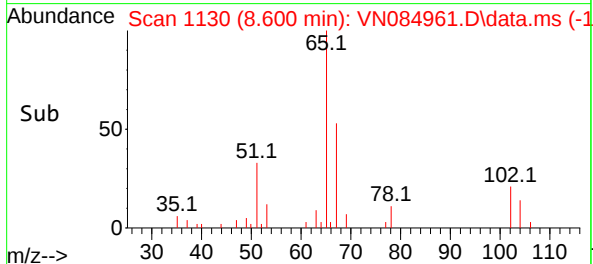
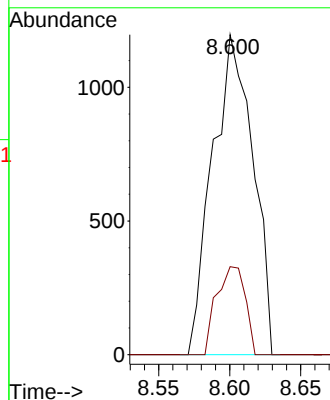
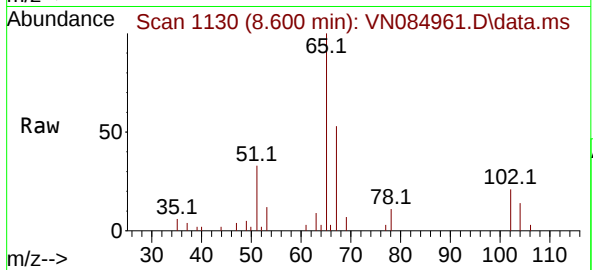




#40
Benzene
Concen: 0.281 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

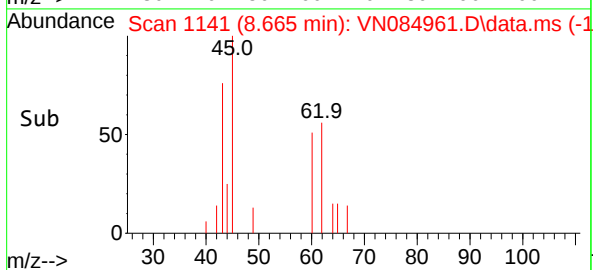
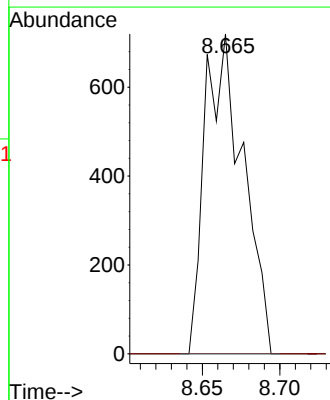
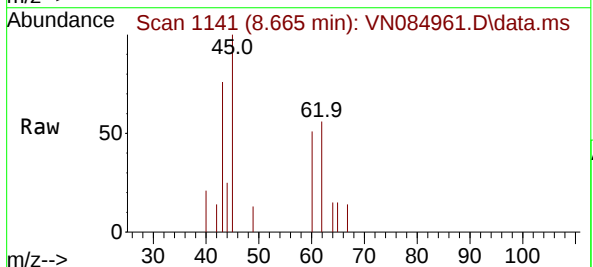
Instrument :
MSVOA_N
ClientSampleId :

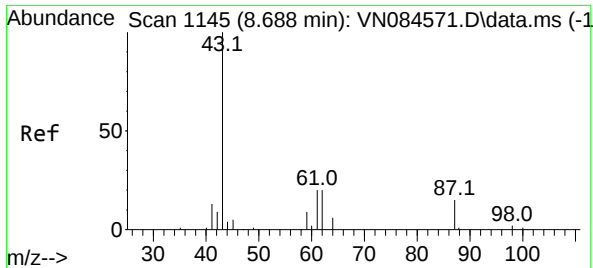
Tgt Ion: 78 Resp: 2372
Ion Ratio Lower Upper
78 100
77 27.5 19.1 28.7



#42
1,2-Dichloroethane
Concen: 0.450 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion: 62 Resp: 1232
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2

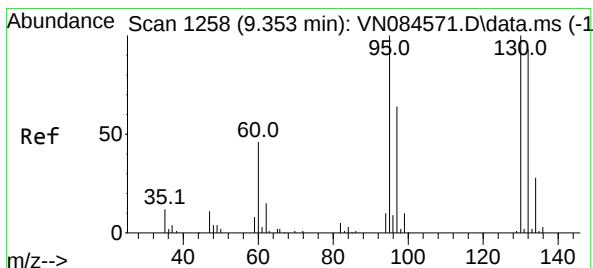
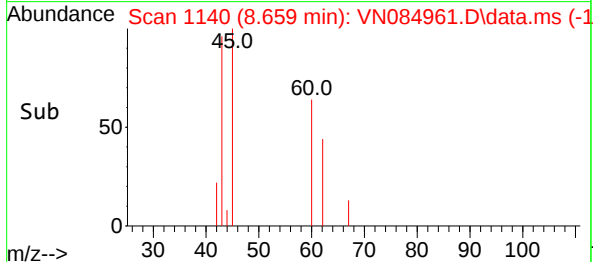
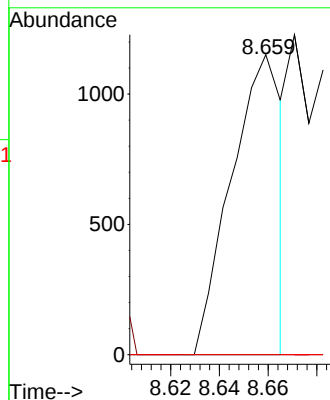
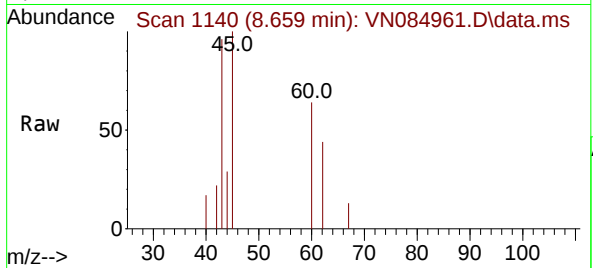




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.659 min Scan# 1145
Delta R.T. -0.029 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

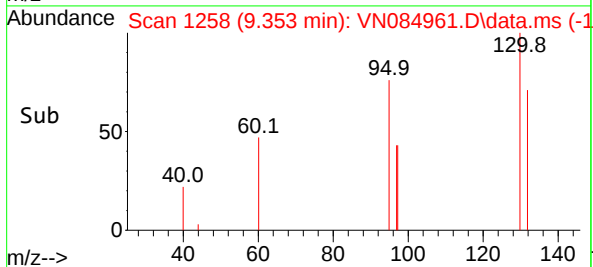
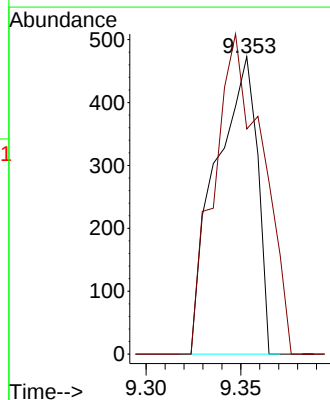
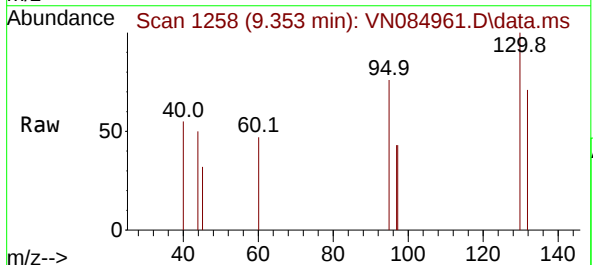
Instrument :
MSVOA_N
ClientSampleId :

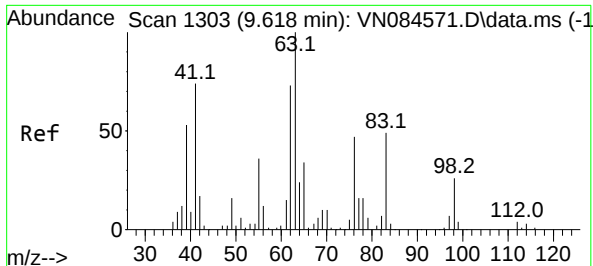
Tgt Ion: 43 Resp: 1662
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#44
Trichloroethene
Concen: 0.368 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion:130 Resp: 718
Ion Ratio Lower Upper
130 100
95 75.7 0.0 203.0





#45

1,2-Dichloropropane

Concen: 0.286 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

Instrument :

MSVOA_N

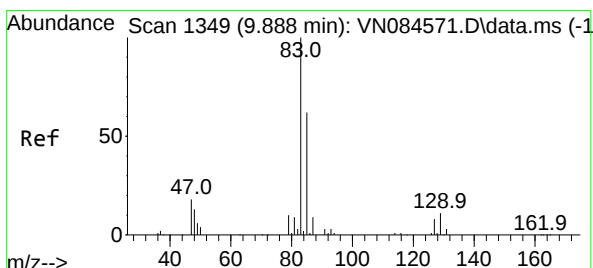
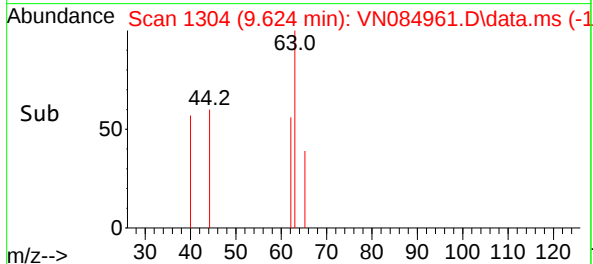
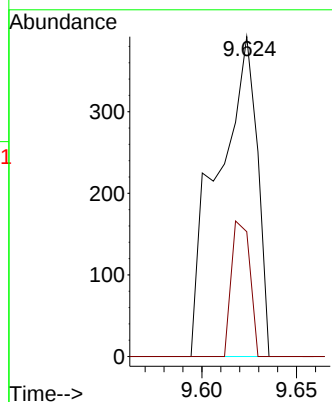
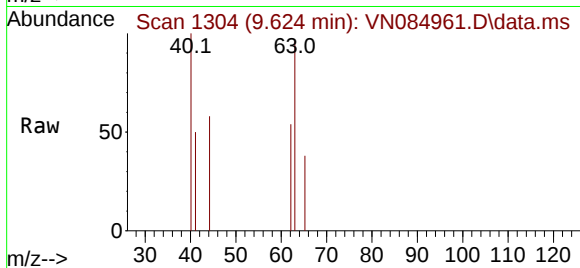
ClientSampleId :

Tgt Ion: 63 Resp: 567

Ion Ratio Lower Upper

63 100

65 39.0 24.6 37.0#



#47

Bromodichloromethane

Concen: 0.262 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

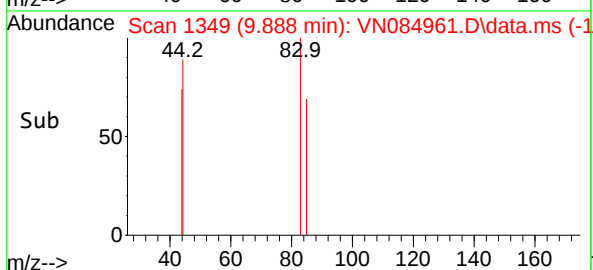
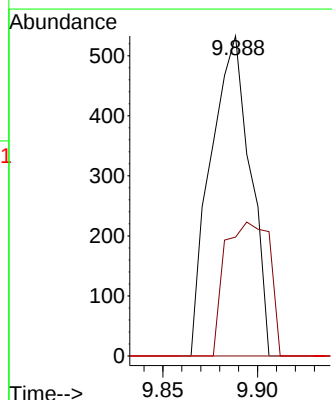
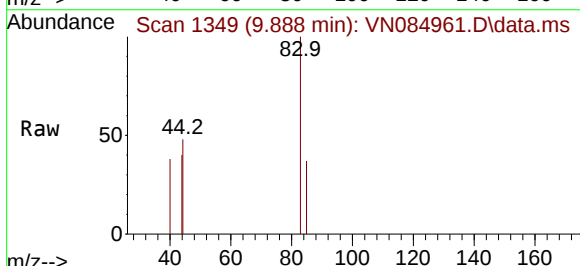
Tgt Ion: 83 Resp: 772

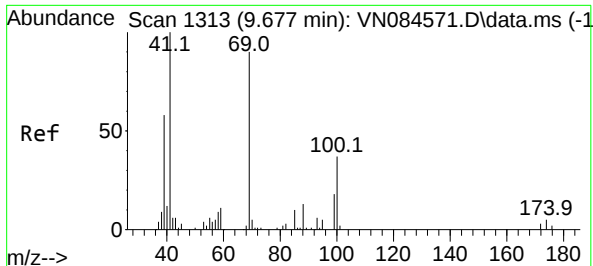
Ion Ratio Lower Upper

83 100

85 37.1 51.5 77.3#

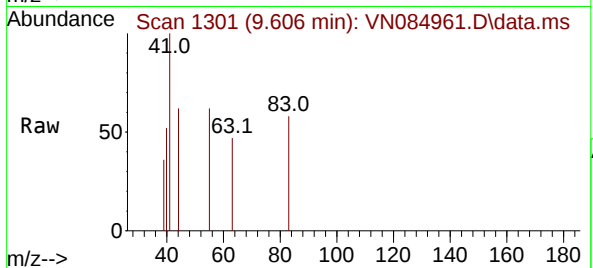
127 0.0 5.7 8.5#



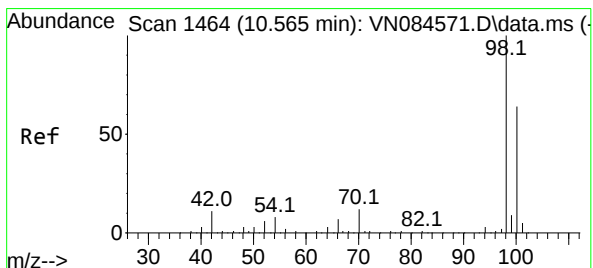
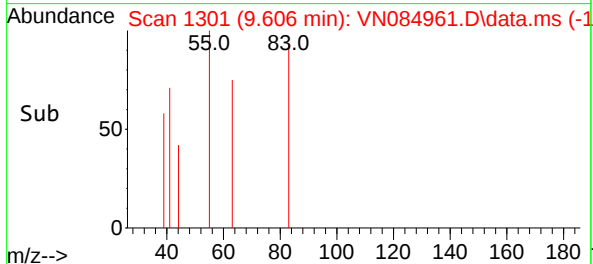
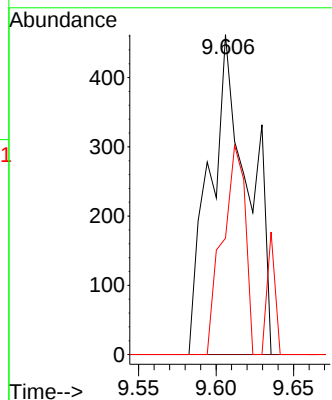


#48
Methyl methacrylate
Concen: 0.430 ug/l
RT: 9.606 min Scan# 1313
Delta R.T. -0.071 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :

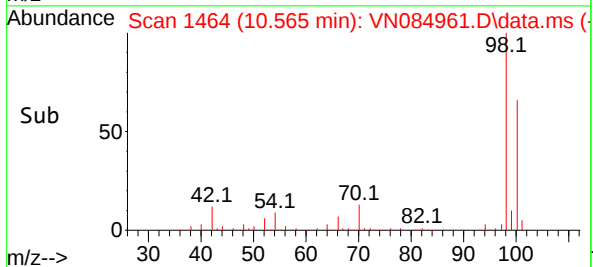
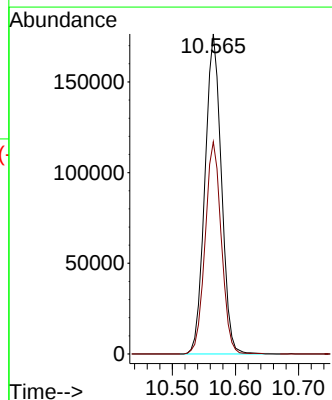
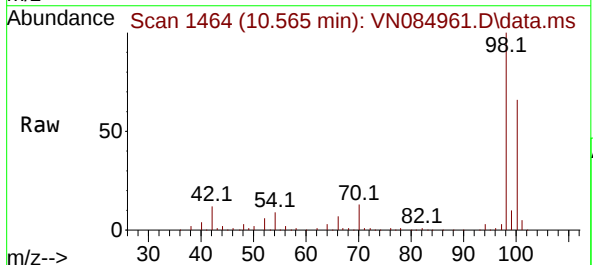


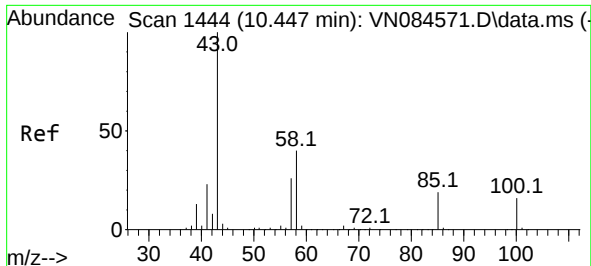
Tgt Ion: 41 Resp: 799
Ion Ratio Lower Upper
41 100
69 0.0 67.1 100.7#
39 38.7 45.8 68.6#



#50
Toluene-d8
Concen: 45.651 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion: 98 Resp: 319180
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

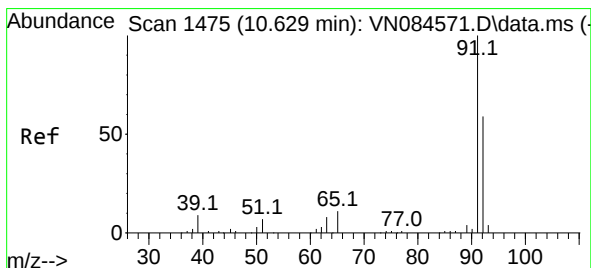
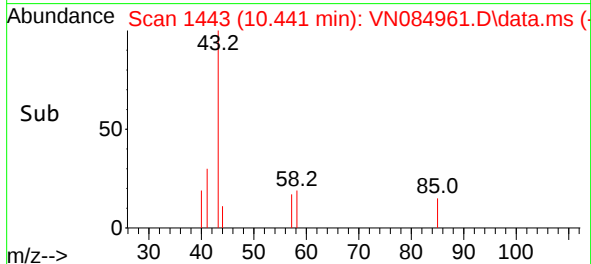
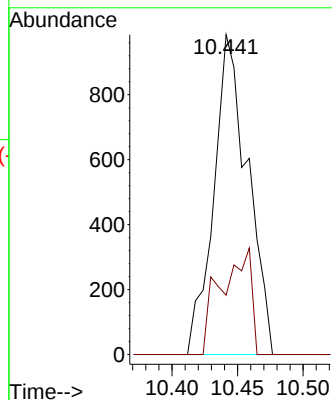
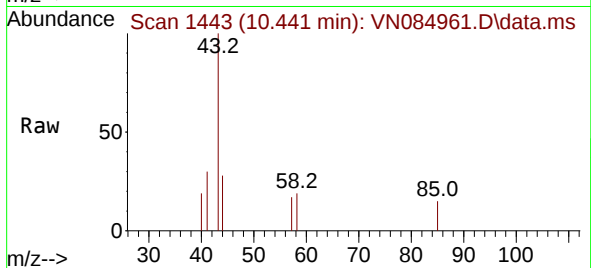




#51
4-Methyl-2-Pentanone
Concen: 0.777 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

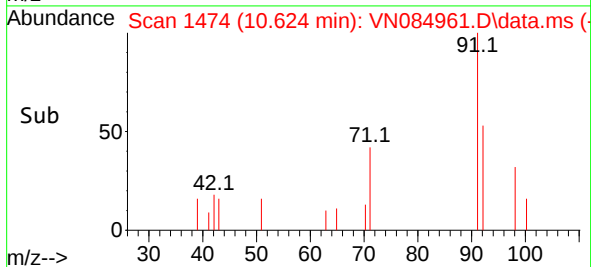
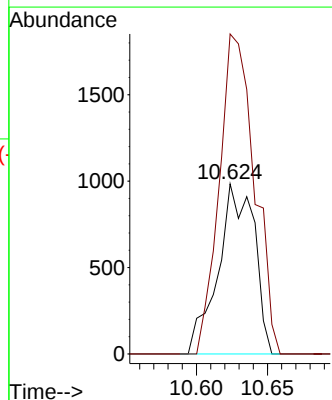
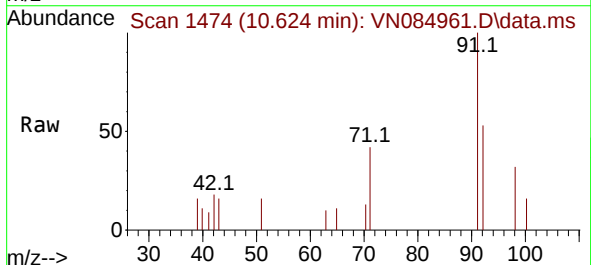
Instrument :
MSVOA_N
ClientSampleId :

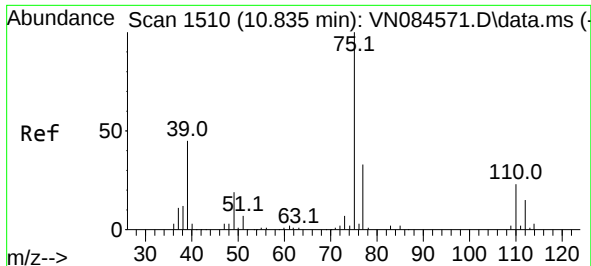
Tgt Ion: 43 Resp: 1769
Ion Ratio Lower Upper
43 100
58 29.8 31.6 47.4#



#52
Toluene
Concen: 0.354 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion: 92 Resp: 1749
Ion Ratio Lower Upper
92 100
91 182.8 137.3 205.9

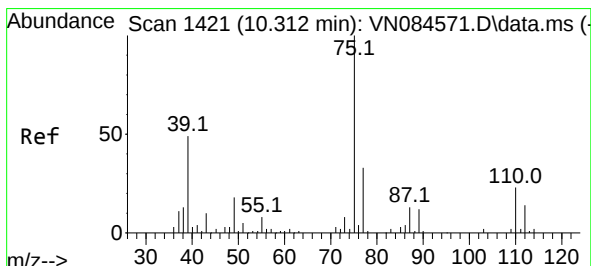
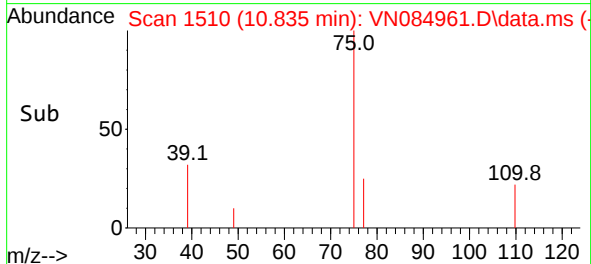
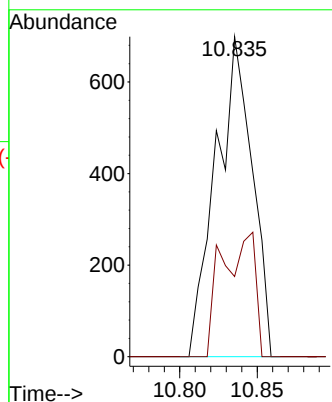
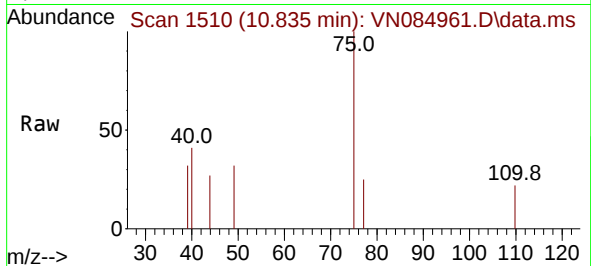




#53
t-1,3-Dichloropropene
Concen: 0.373 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

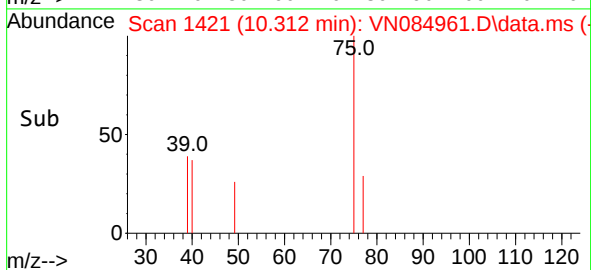
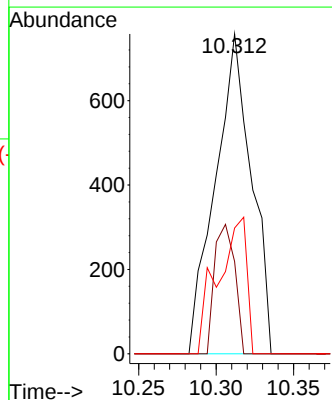
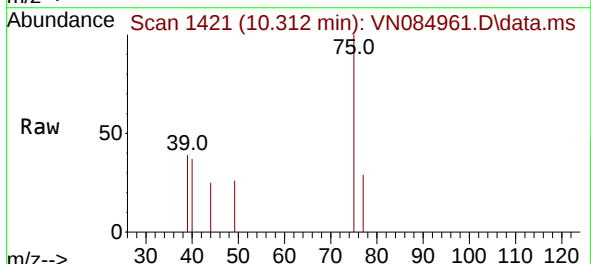
Instrument :
MSVOA_N
ClientSampleId :

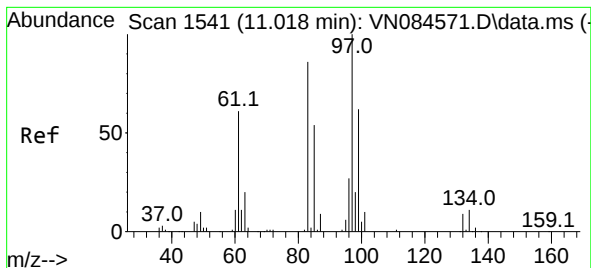
Tgt Ion: 75 Resp: 1138
Ion Ratio Lower Upper
75 100
77 25.0 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 0.380 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion: 75 Resp: 1229
Ion Ratio Lower Upper
75 100
77 28.9 24.2 36.2
39 39.3 38.7 58.1



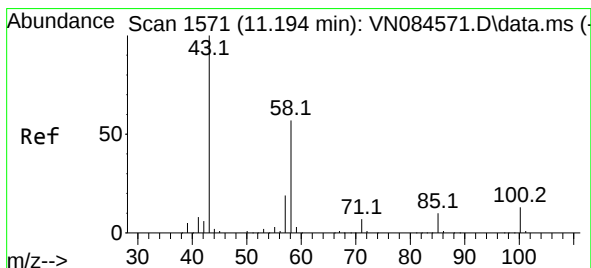
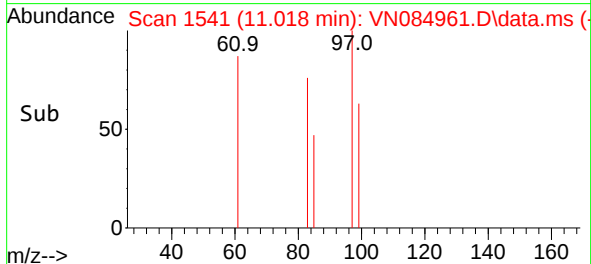
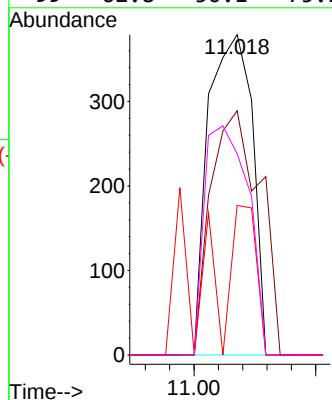
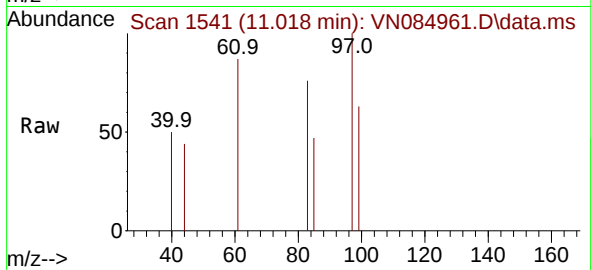


#55
1,1,2-Trichloroethane
Concen: 0.255 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 474

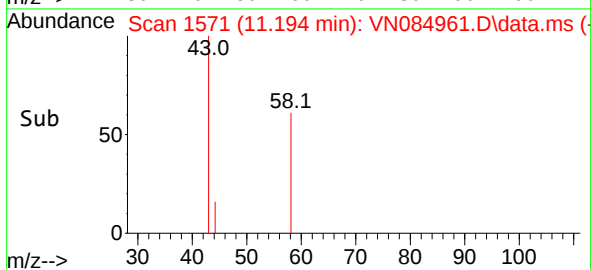
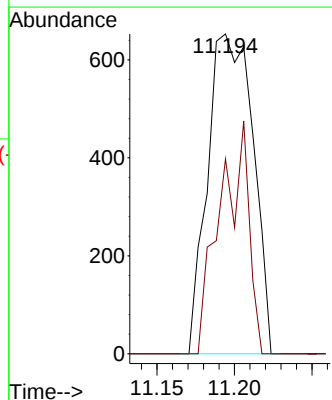
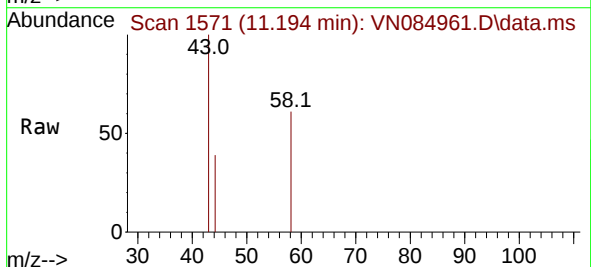
Ion	Ratio	Lower	Upper
97	100		
83	76.3	71.0	106.4
85	46.7	41.7	62.5
99	62.8	50.1	75.1

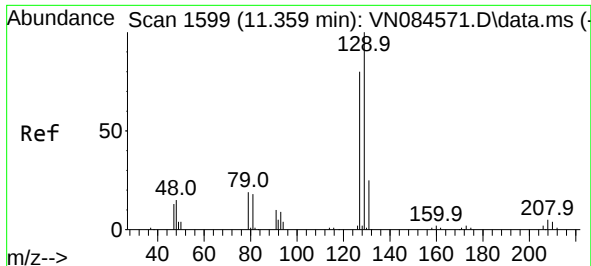


#59
2-Hexanone
Concen: 0.801 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion: 43 Resp: 1327

Ion	Ratio	Lower	Upper
43	100		
58	46.0	27.3	81.8

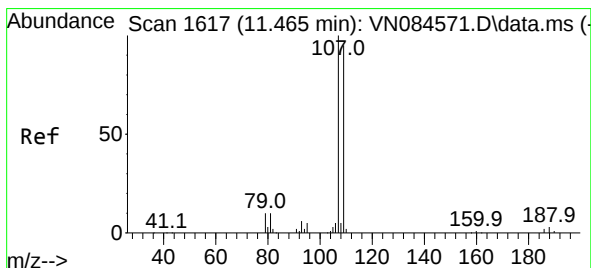
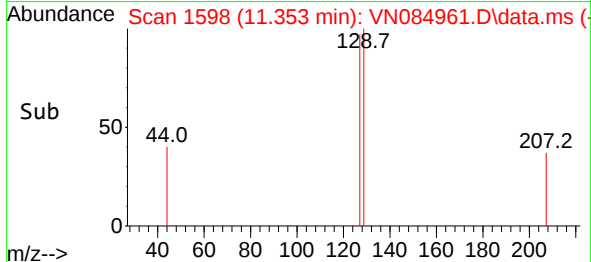
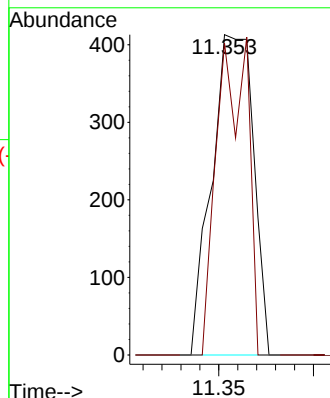
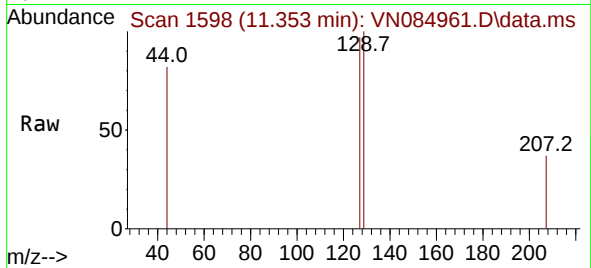




#60
Dibromochloromethane
Concen: 0.298 ug/l
RT: 11.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

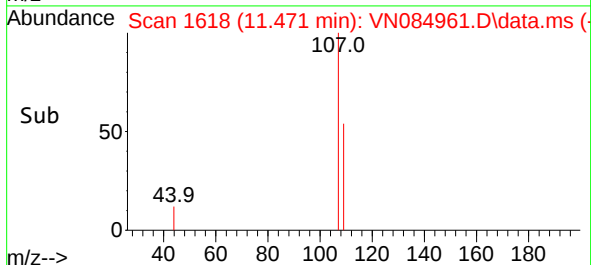
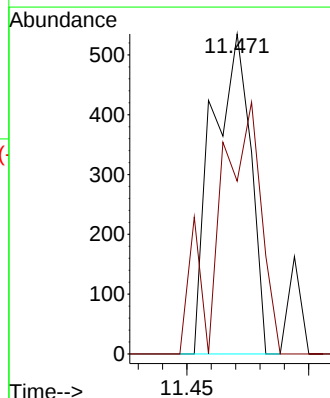
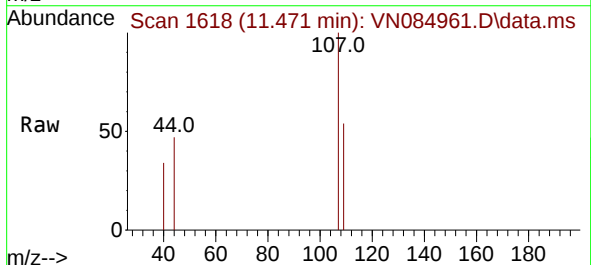
Instrument :
MSVOA_N
ClientSampleId :

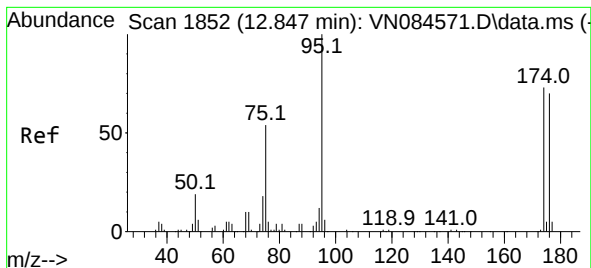
Tgt Ion:129 Resp: 632
Ion Ratio Lower Upper
129 100
127 73.3 38.3 114.9



#61
1,2-Dibromoethane
Concen: 0.307 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion:107 Resp: 586
Ion Ratio Lower Upper
107 100
109 87.7 75.4 113.0

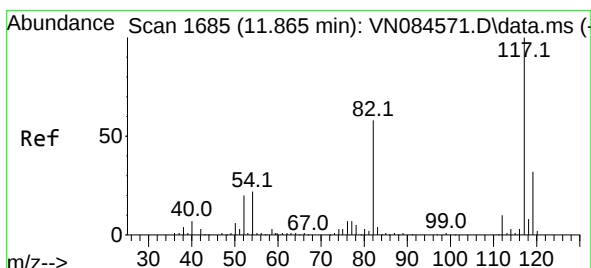
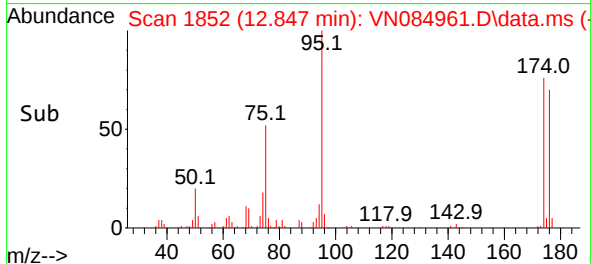
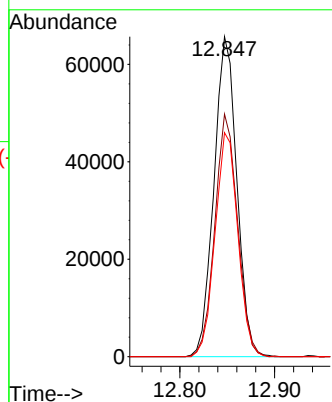
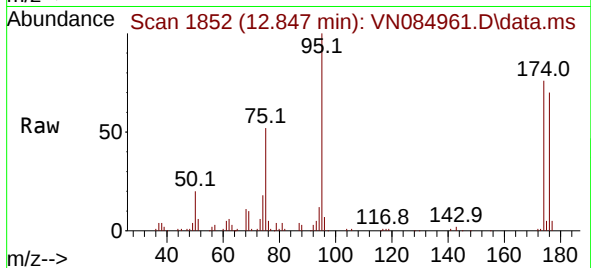




#62
4-Bromofluorobenzene
Concen: 42.151 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

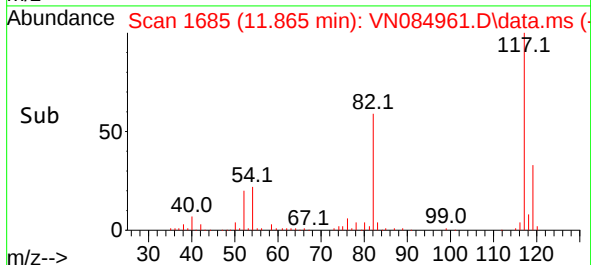
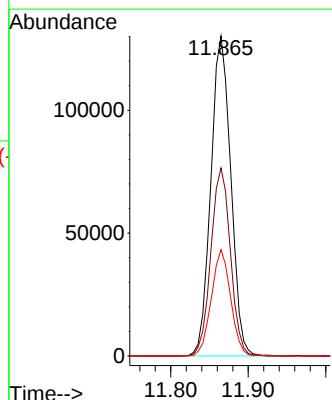
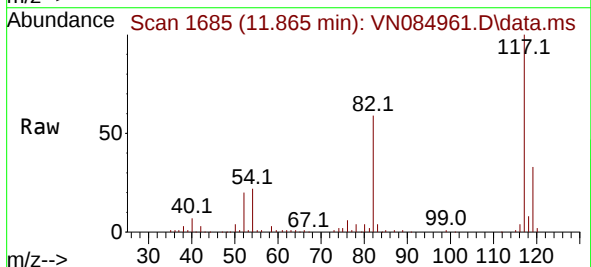
Instrument :
MSVOA_N
ClientSampleId :

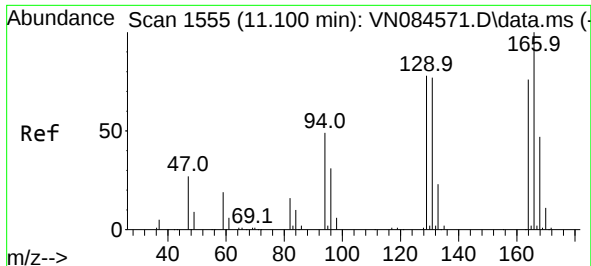
Tgt Ion: 95 Resp: 110143
Ion Ratio Lower Upper
95 100
174 75.6 0.0 145.2
176 69.8 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

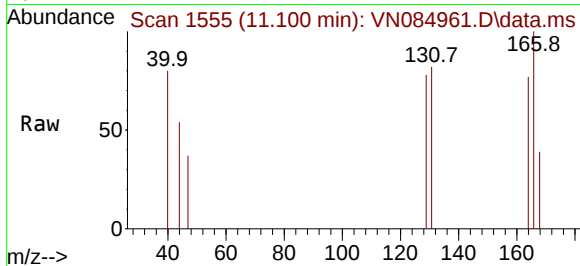
Tgt Ion: 117 Resp: 232838
Ion Ratio Lower Upper
117 100
82 58.8 47.2 70.8
119 33.2 25.4 38.0



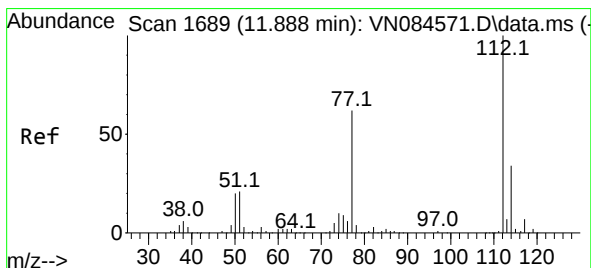
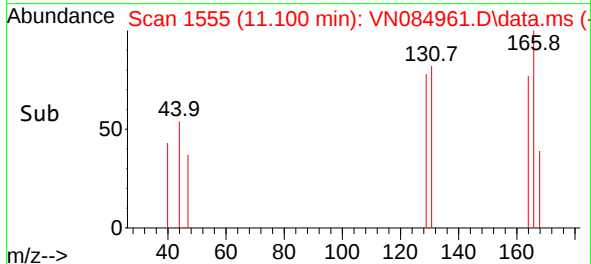
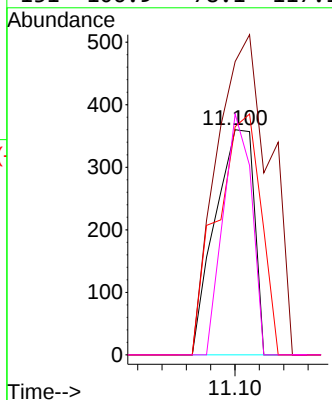


#64
Tetrachloroethene
Concen: 0.258 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :

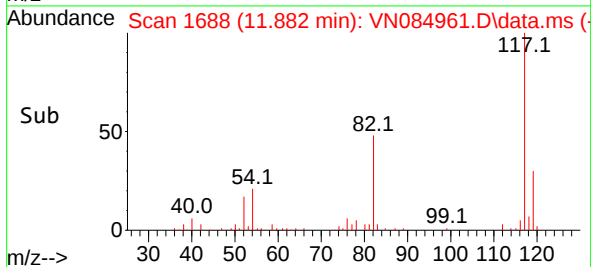
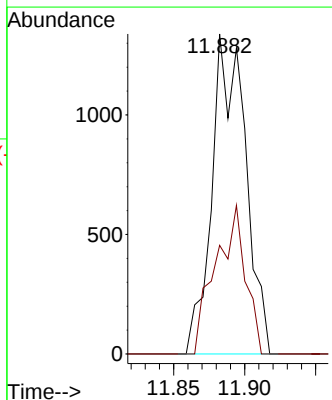
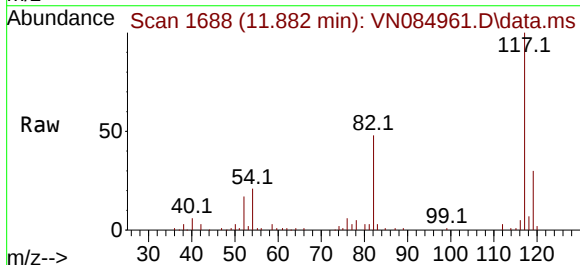


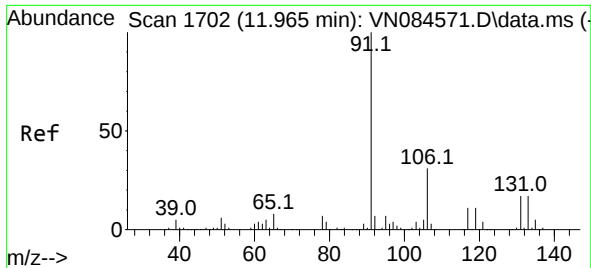
Tgt Ion:164 Resp: 400
Ion Ratio Lower Upper
164 100
166 130.3 101.0 151.4
129 101.4 80.8 121.2
131 106.9 78.1 117.1



#65
Chlorobenzene
Concen: 0.422 ug/l
RT: 11.882 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

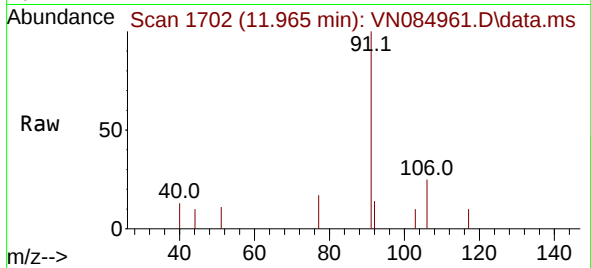
Tgt Ion:112 Resp: 2199
Ion Ratio Lower Upper
112 100
114 34.0 27.0 40.6



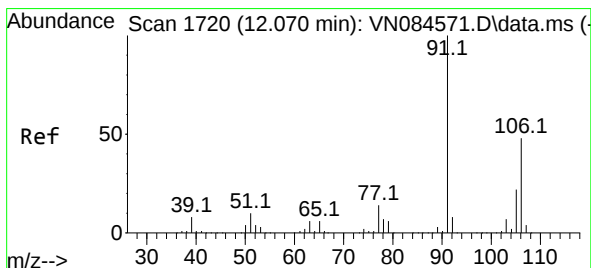
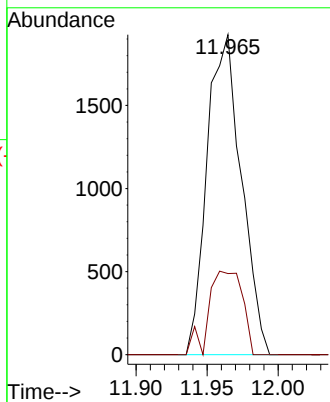
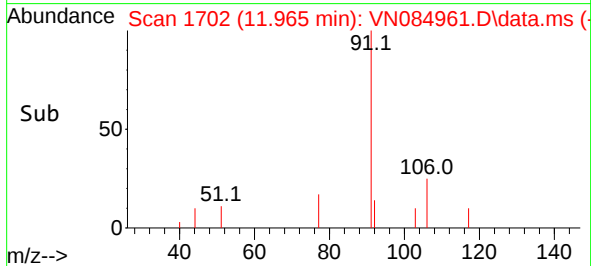


#67
Ethyl Benzene
Concen: 0.372 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :

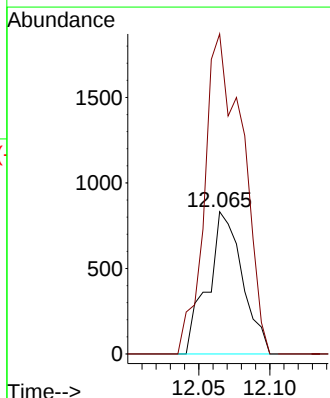
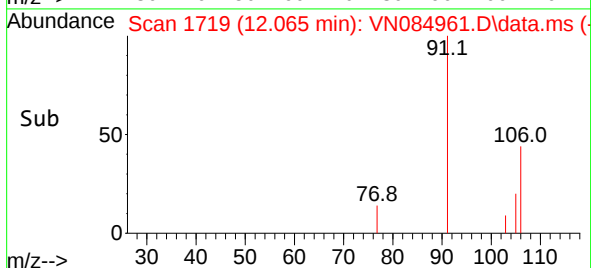
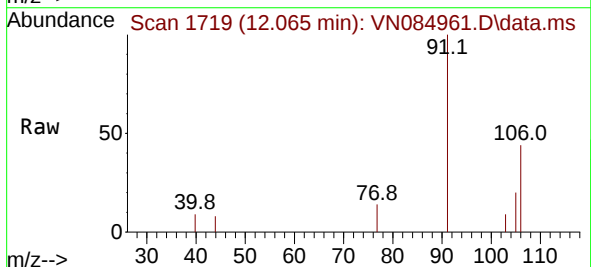


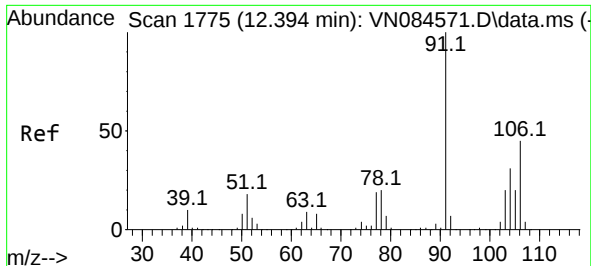
Tgt Ion: 91 Resp: 3236
Ion Ratio Lower Upper
91 100
106 25.3 24.5 36.7



#68
m/p-Xylenes
Concen: 0.427 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion: 106 Resp: 1405
Ion Ratio Lower Upper
106 100
91 248.2 167.1 250.7

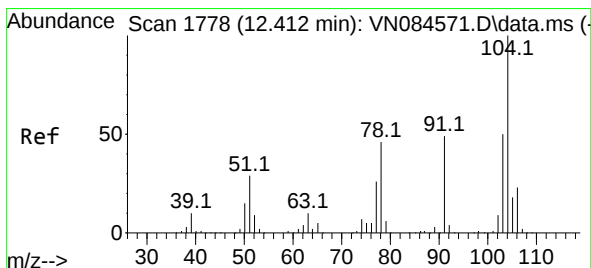
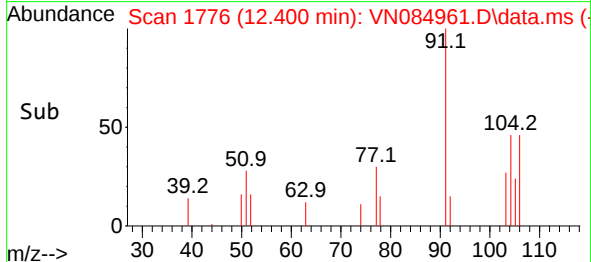
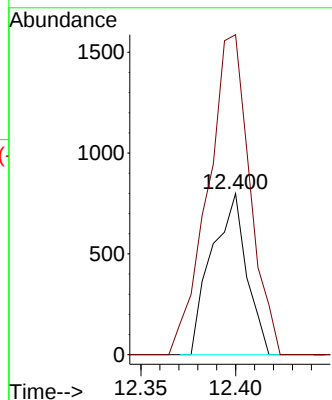
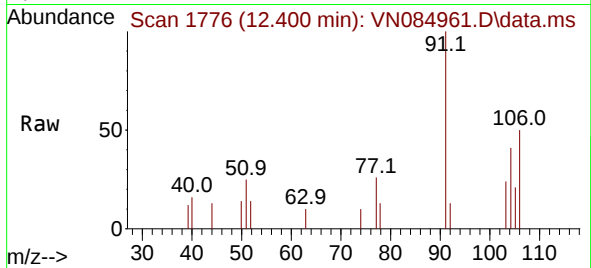




#69
o-Xylene
Concen: 0.332 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

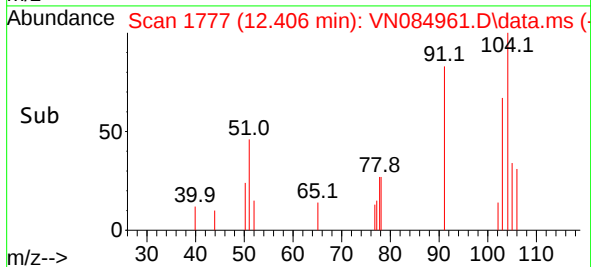
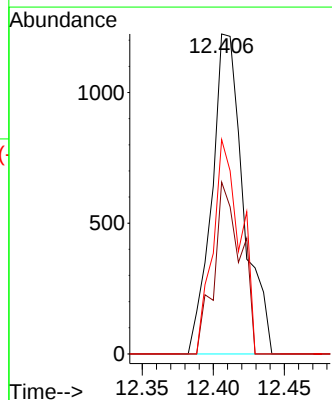
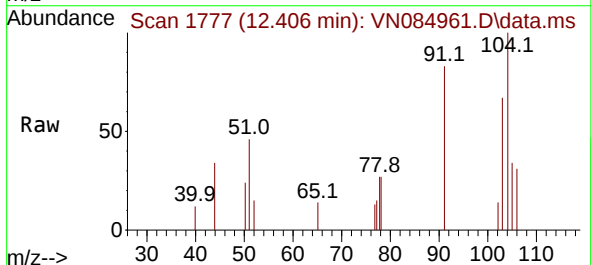
Instrument :
MSVOA_N
ClientSampleId :

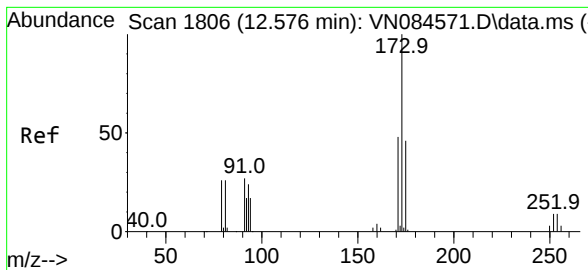
Tgt Ion:106 Resp: 1023
Ion Ratio Lower Upper
106 100
91 238.9 110.2 330.6



#70
Styrene
Concen: 0.353 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion:104 Resp: 1894
Ion Ratio Lower Upper
104 100
78 45.5 42.7 64.1
103 57.9 43.6 65.4

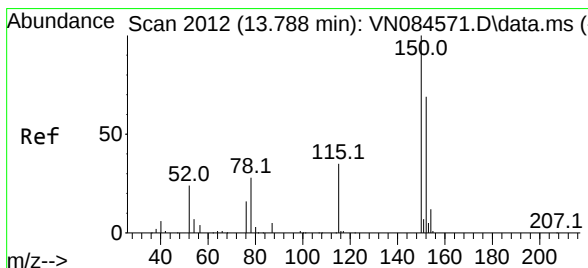
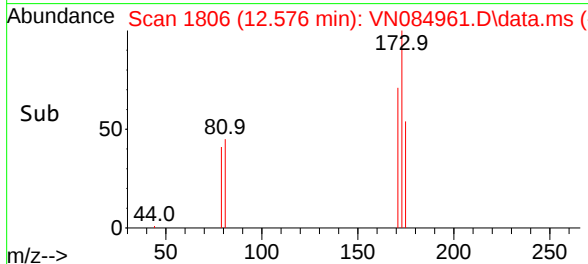
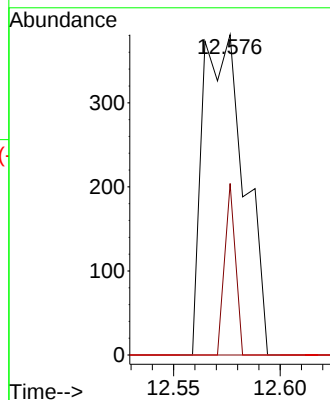
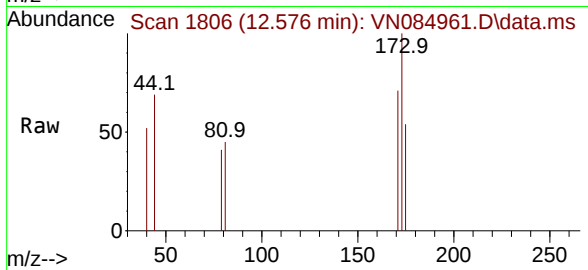




#71
Bromoform
Concen: 0.379 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

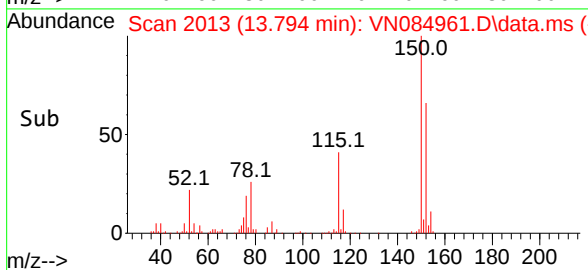
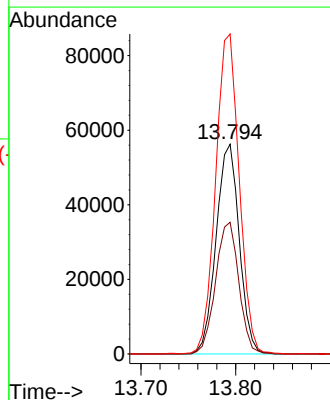
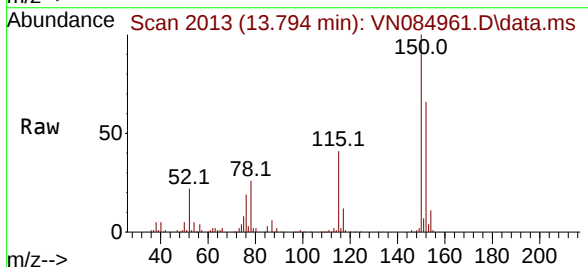
Instrument :
MSVOA_N
ClientSampleId :

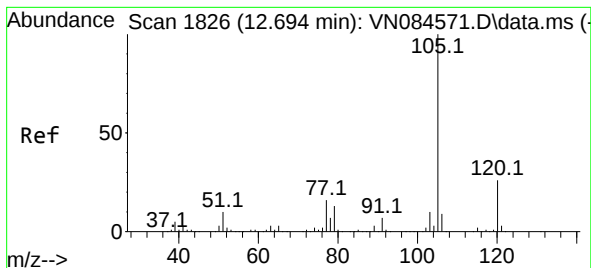
Tgt Ion:173 Resp: 517
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion:152 Resp: 95627
Ion Ratio Lower Upper
152 100
115 63.1 31.3 93.9
150 155.1 0.0 349.8





#73

Isopropylbenzene

Concen: 0.353 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.006 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

Instrument :

MSVOA_N

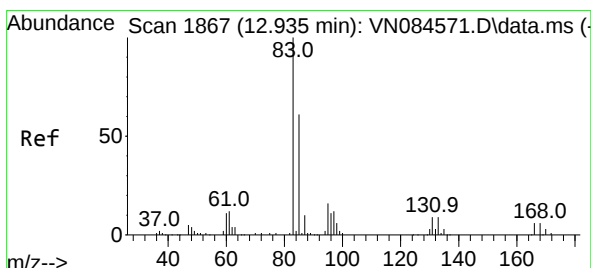
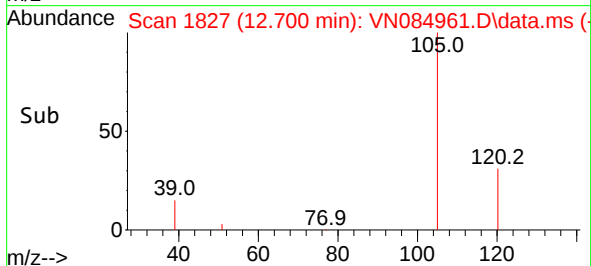
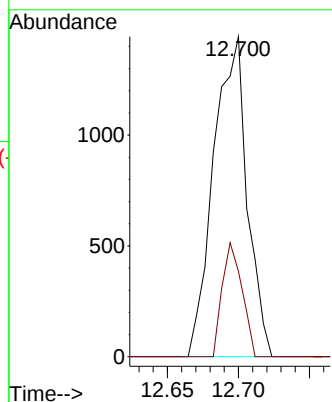
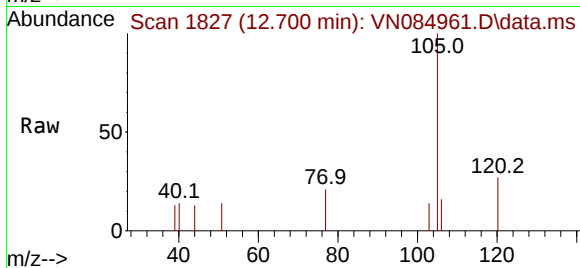
ClientSampleId :

Tgt Ion:105 Resp: 2367

Ion Ratio Lower Upper

105 100

120 21.0 12.9 38.7



#75

1,1,2,2-Tetrachloroethane

Concen: 0.528 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

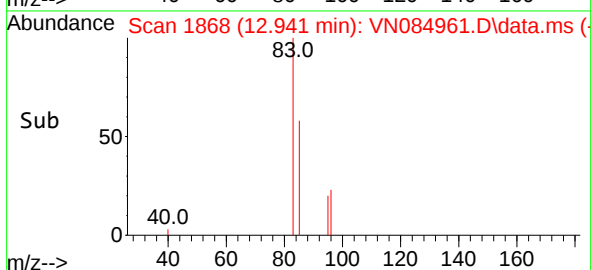
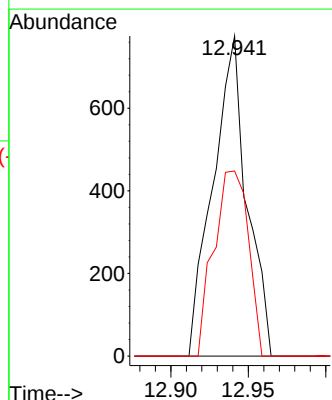
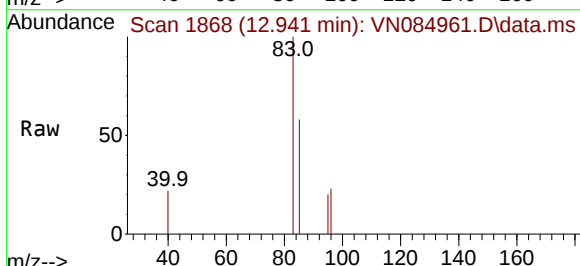
Tgt Ion: 83 Resp: 1180

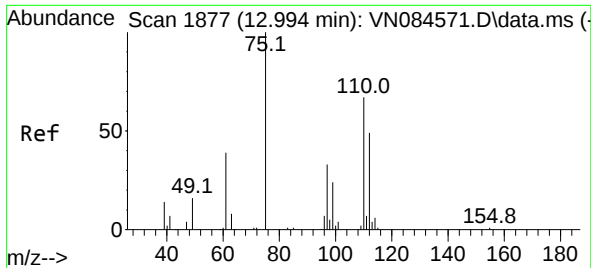
Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 58.8 31.9 95.7

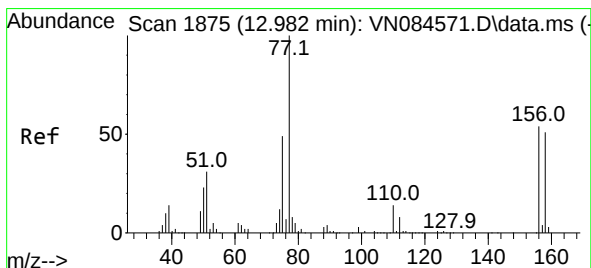
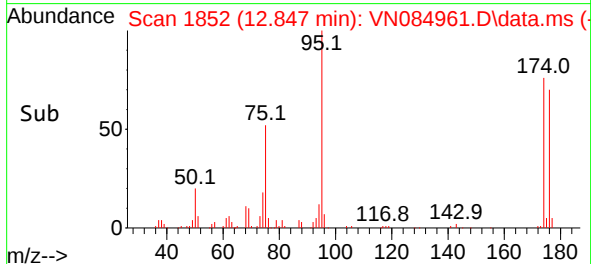
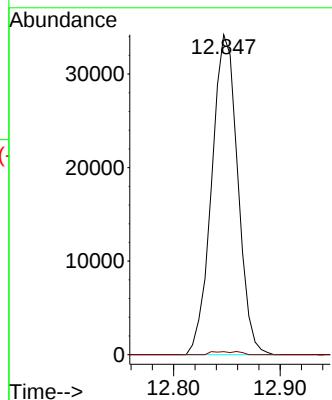
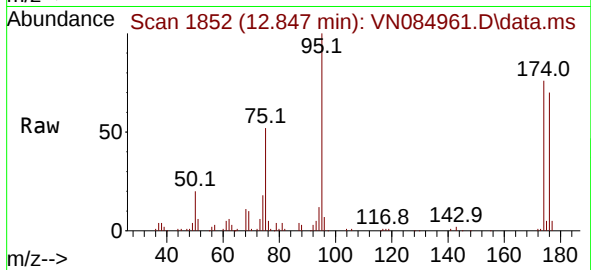




#76
1,2,3-Trichloropropane
Concen: 30.386 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

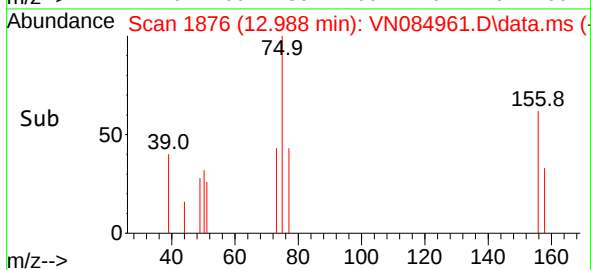
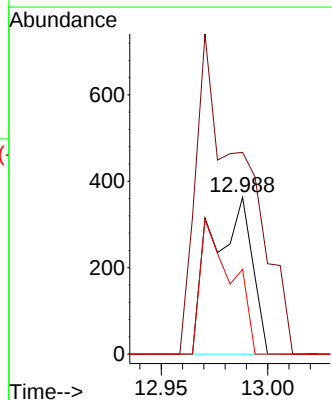
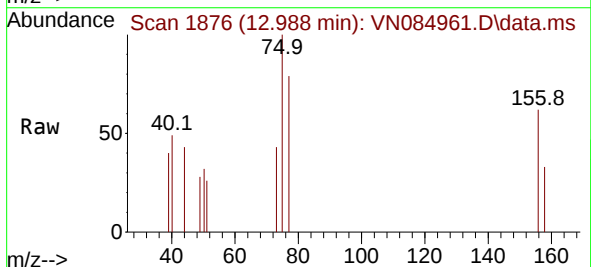
Instrument :
MSVOA_N
ClientSampleId :

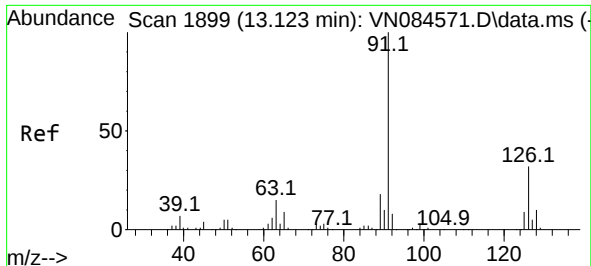
Tgt Ion: 75 Resp: 58084
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#



#77
Bromobenzene
Concen: 0.264 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion:156 Resp: 475
Ion Ratio Lower Upper
156 100
77 242.3 115.1 345.3
158 66.9 48.9 146.8





#79

2-Chlorotoluene

Concen: 0.268 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.100 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

Instrument :

MSVOA_N

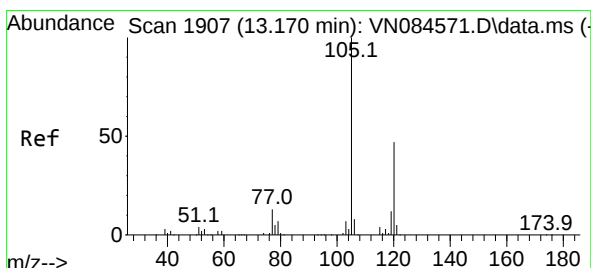
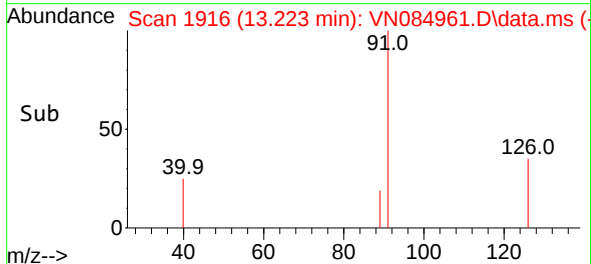
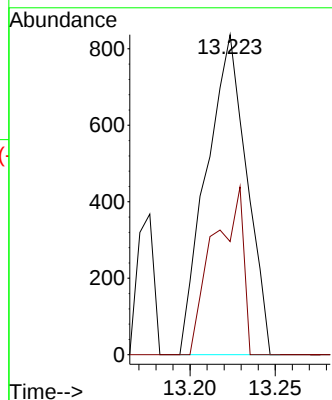
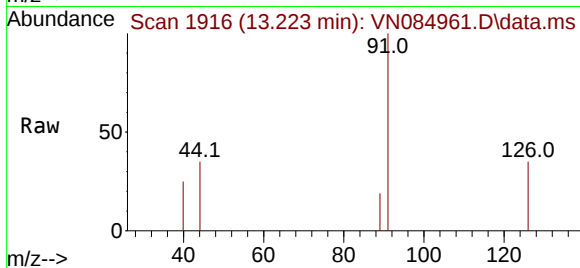
ClientSampleId :

Tgt Ion: 91 Resp: 1376

Ion Ratio Lower Upper

91 100

126 39.0 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 0.420 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084961.D

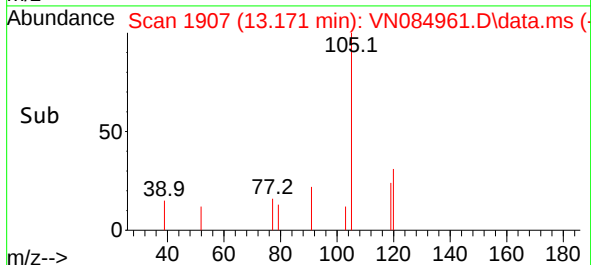
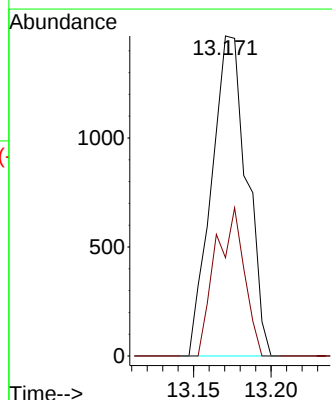
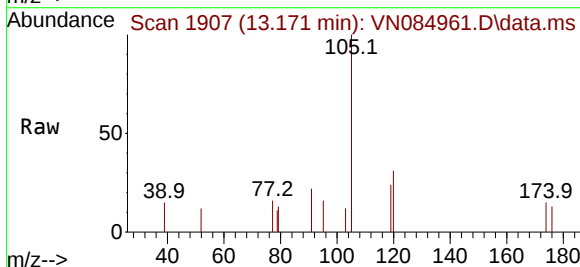
Acq: 20 Nov 2024 11:57

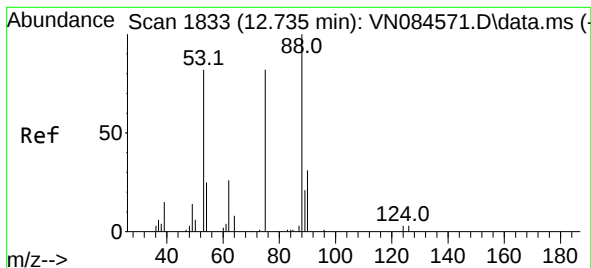
Tgt Ion:105 Resp: 2331

Ion Ratio Lower Upper

105 100

120 37.7 23.7 71.1

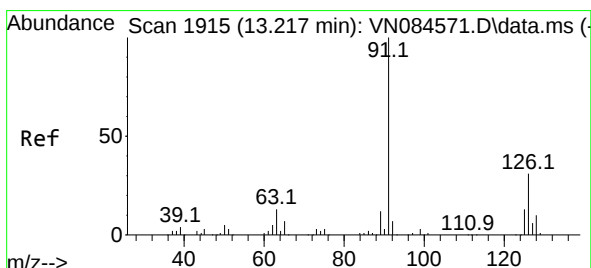
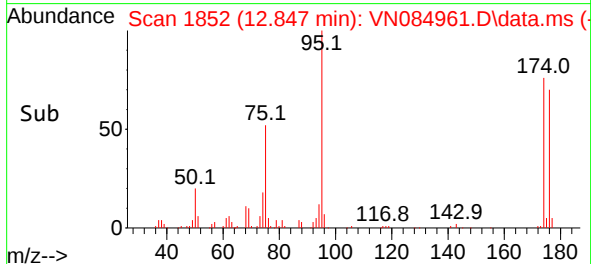
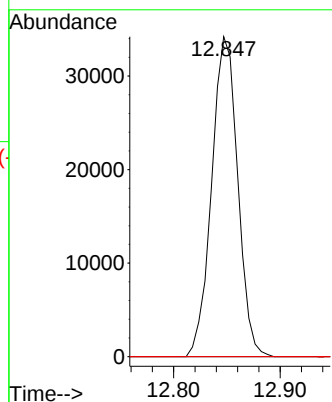
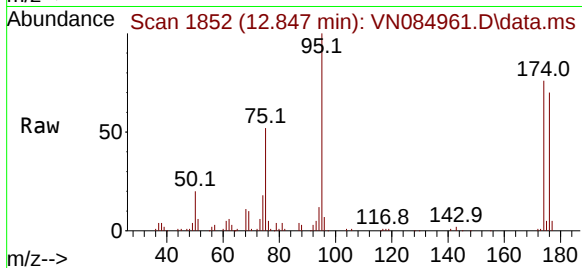




#81
trans-1,4-Dichloro-2-butene
Concen: 72.088 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

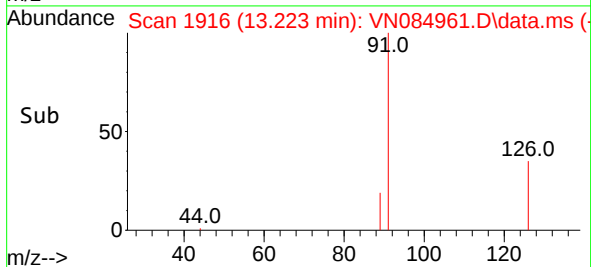
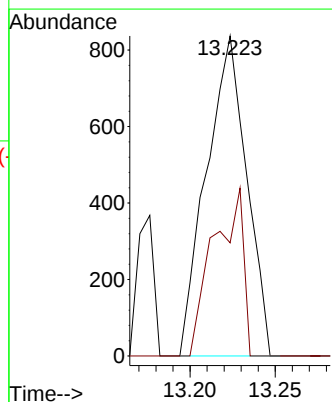
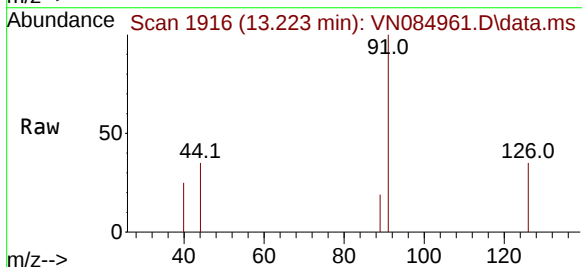
Instrument :
MSVOA_N
ClientSampleId :

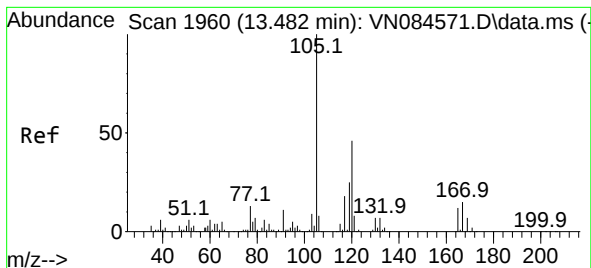
Tgt Ion: 75 Resp: 58084
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 0.255 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion: 91 Resp: 1376
Ion Ratio Lower Upper
91 100
126 39.0 15.7 47.1





#84

1,2,4-Trimethylbenzene

Concen: 0.423 ug/l

RT: 13.476 min Scan# 1960

Delta R.T. -0.006 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

Instrument :

MSVOA_N

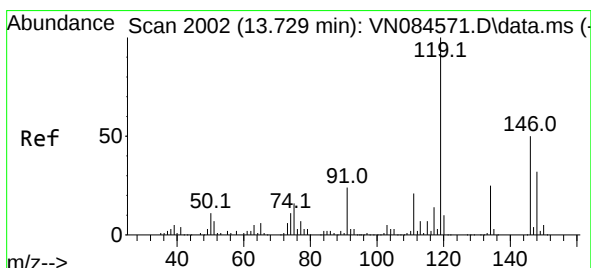
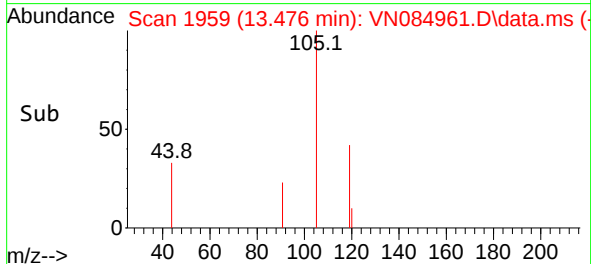
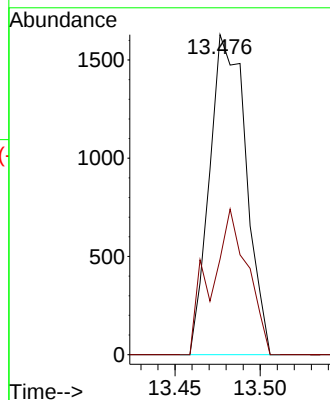
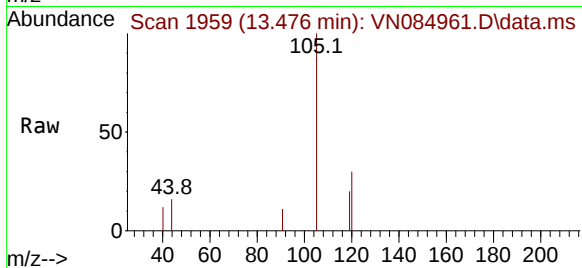
ClientSampleId :

Tgt Ion:105 Resp: 2423

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.8



#87

1,3-Dichlorobenzene

Concen: 0.642 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

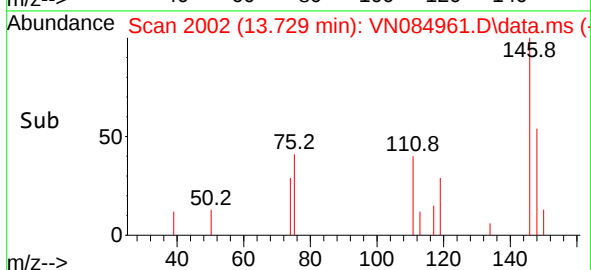
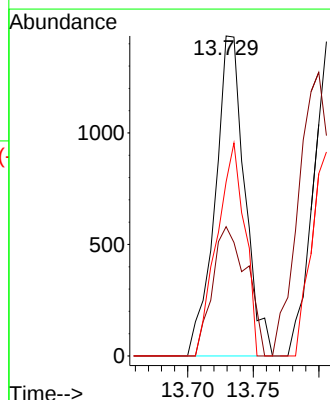
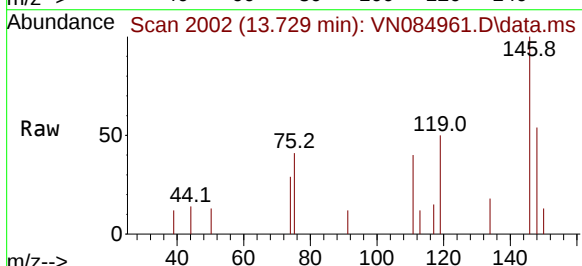
Tgt Ion:146 Resp: 2258

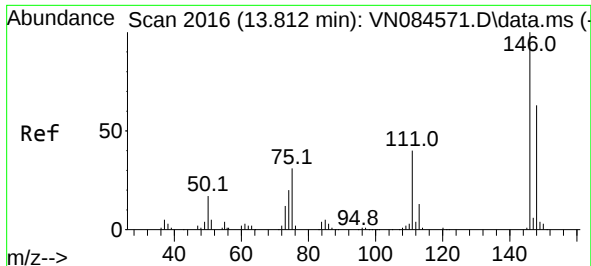
Ion Ratio Lower Upper

146 100

111 46.8 21.8 65.3

148 62.1 31.9 95.7

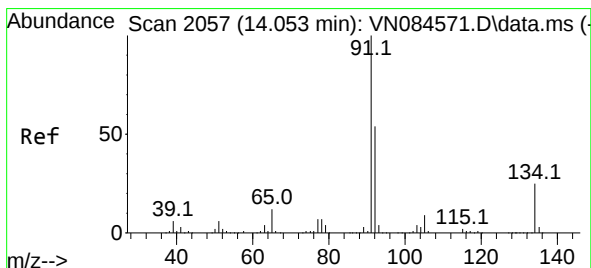
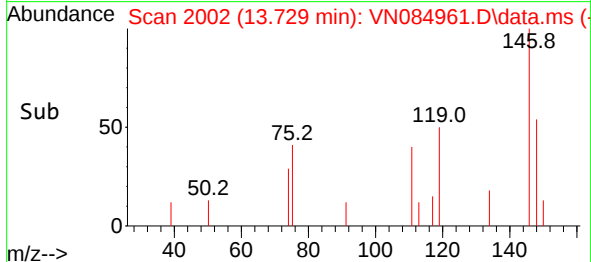
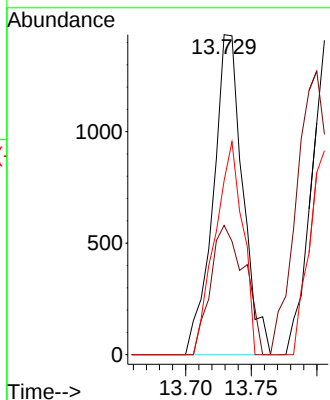
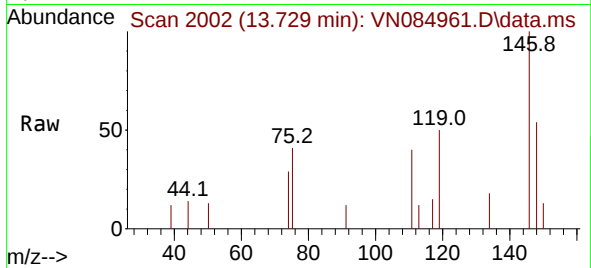




#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.729 min Scan# 2016
Delta R.T. -0.083 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

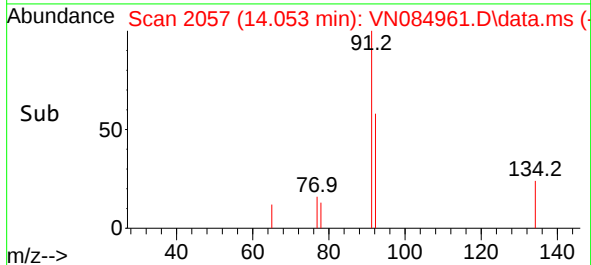
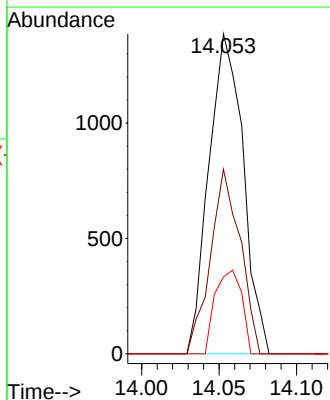
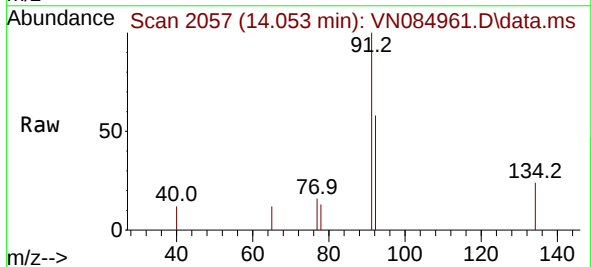
Instrument :
MSVOA_N
ClientSampleId :

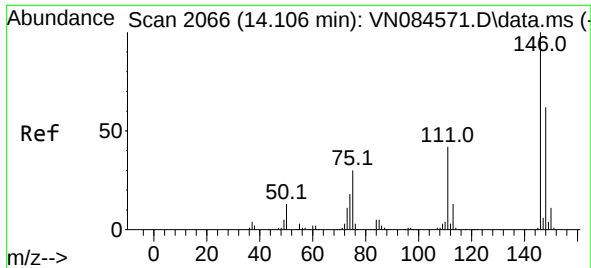
Tgt Ion:146 Resp: 2258
Ion Ratio Lower Upper
146 100
111 46.8 21.2 63.6
148 62.1 31.9 95.9



#89
n-Butylbenzene
Concen: 0.428 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084961.D
Acq: 20 Nov 2024 11:57

Tgt Ion: 91 Resp: 2133
Ion Ratio Lower Upper
91 100
92 50.2 26.6 79.7
134 20.2 12.3 36.9

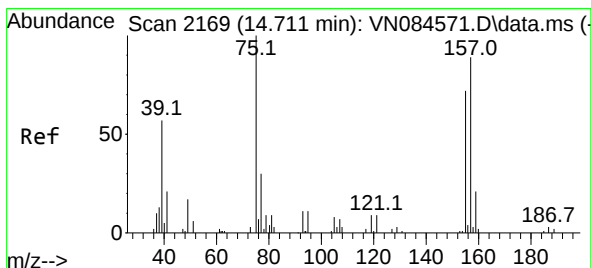
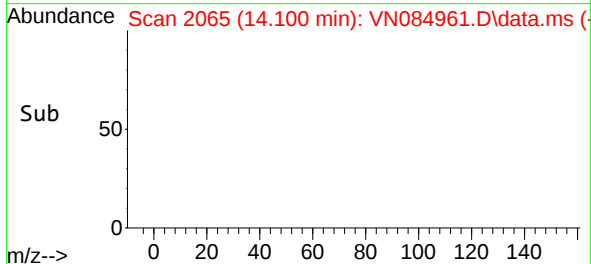
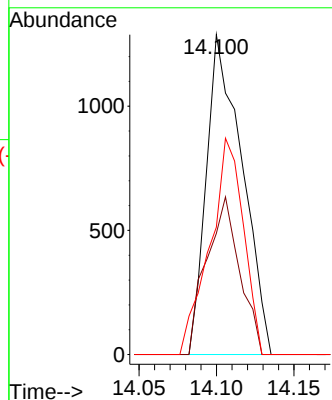
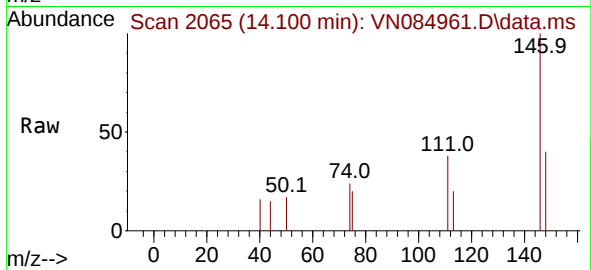




#91
 1,2-Dichlorobenzene
 Concen: 0.609 ug/l
 RT: 14.100 min Scan# 2065
 Delta R.T. -0.006 min
 Lab File: VN084961.D
 Acq: 20 Nov 2024 11:57

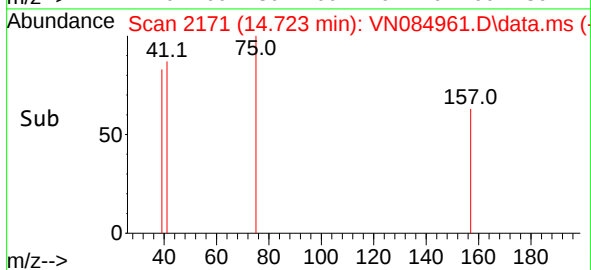
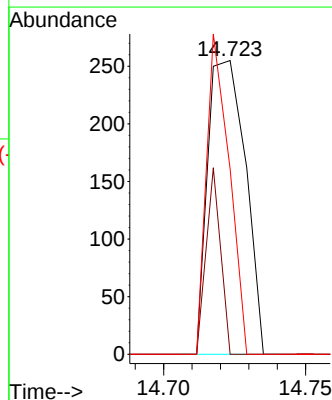
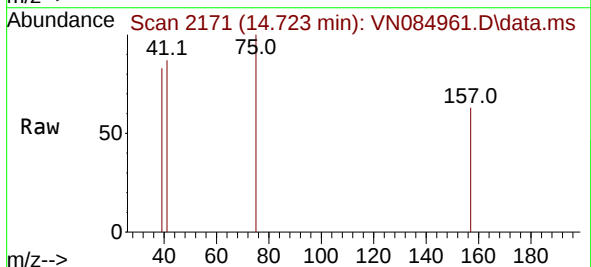
Instrument :
 MSVOA_N
 ClientSampleId :

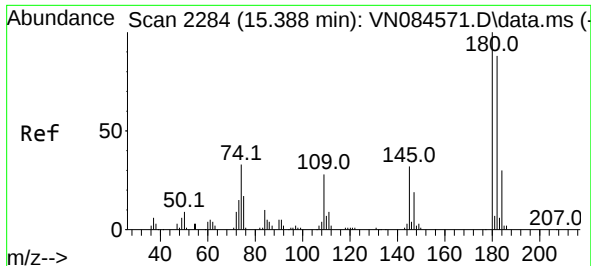
Tgt Ion:146 Resp: 2059
 Ion Ratio Lower Upper
 146 100
 111 45.9 22.0 66.0
 148 63.7 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.519 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN084961.D
 Acq: 20 Nov 2024 11:57

Tgt Ion: 75 Resp: 235
 Ion Ratio Lower Upper
 75 100
 155 24.3 38.1 114.5#
 157 66.0 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 1.127 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

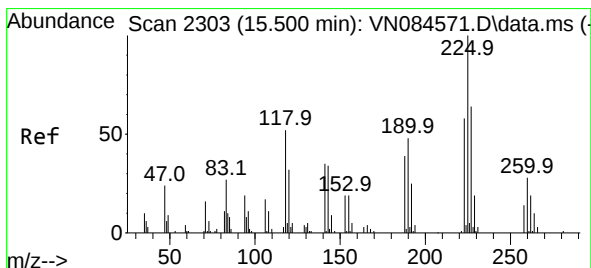
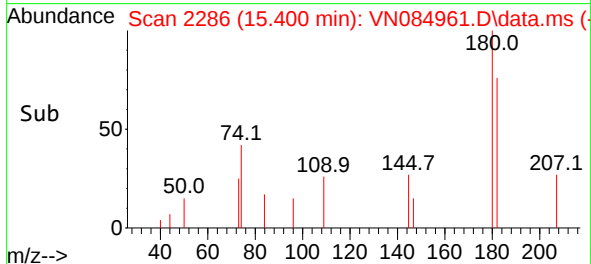
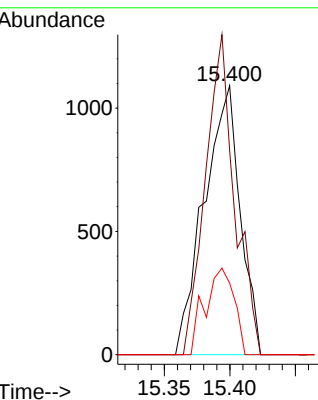
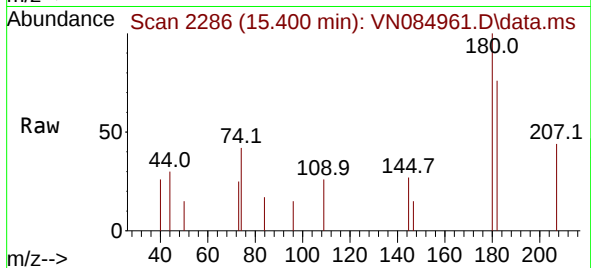
Tgt Ion:180 Resp: 2084

Ion Ratio Lower Upper

180 100

182 96.9 47.0 141.0

145 25.9 16.4 49.4



#94

Hexachlorobutadiene

Concen: 1.092 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.012 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

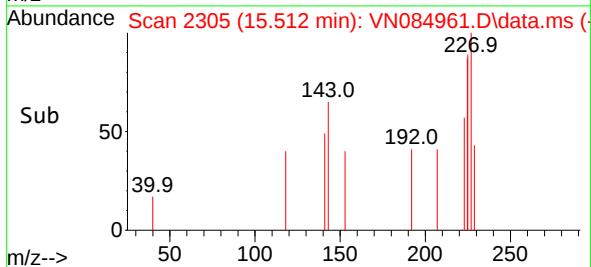
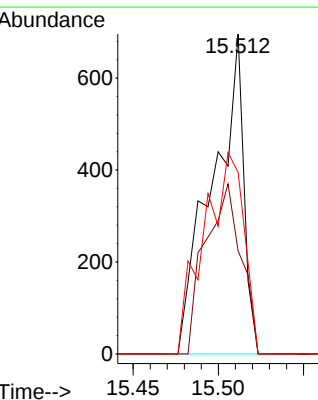
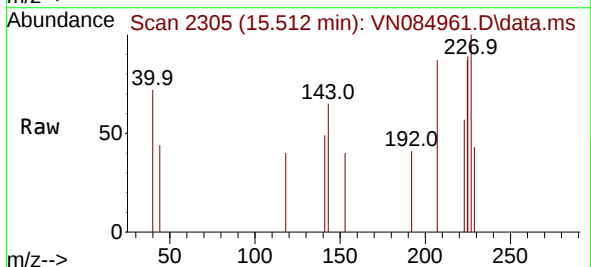
Tgt Ion:225 Resp: 887

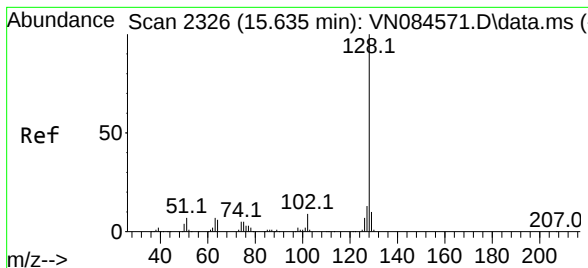
Ion Ratio Lower Upper

225 100

223 60.9 32.4 97.2

227 80.5 32.4 97.0





#95

Naphthalene

Concen: 1.268 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

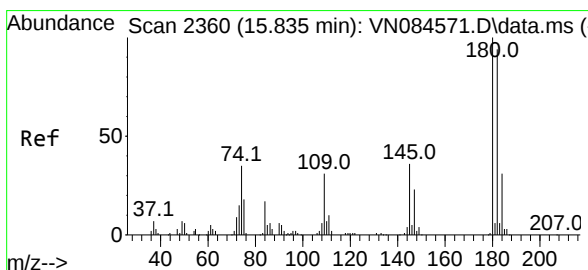
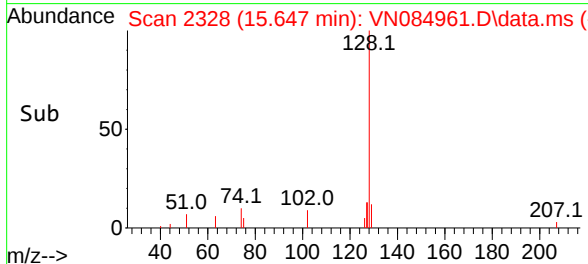
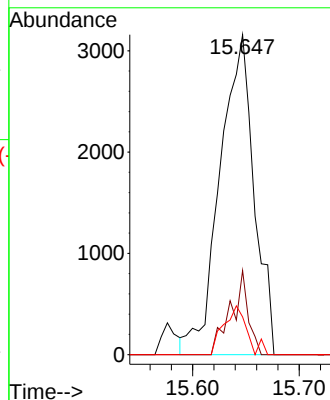
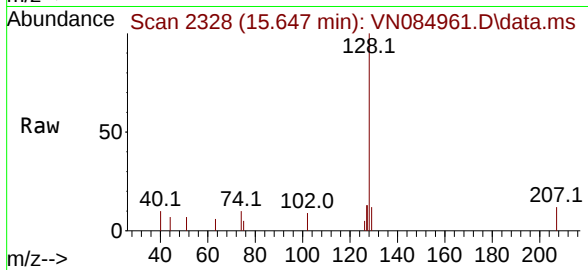
Tgt Ion:128 Resp: 7021

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.480 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084961.D

Acq: 20 Nov 2024 11:57

Tgt Ion:180 Resp: 2657

Ion Ratio Lower Upper

180 100

182 83.9 48.2 144.6

145 29.2 17.3 51.9

