

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083615.D
 Acq On : 03 Sep 2024 10:17
 Operator : JC\MD
 Sample : VN0903MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 04 02:53:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	139170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125479	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99370	51.089	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.180%	
35) Dibromofluoromethane	8.159	113	80967	48.719	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.440%	
50) Toluene-d8	10.565	98	293816	45.454	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.900%	
62) 4-Bromofluorobenzene	12.847	95	124476	51.921	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.840%	

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	498	0.290	ug/l #	41
5) Bromomethane	2.906	94	583	0.646	ug/l	95
6) Chloroethane	3.106	64	766	0.683	ug/l #	45
13) Acrolein	4.171	56	214	0.746	ug/l	86
16) Acetone	4.436	43	656	0.846	ug/l #	45
17) Carbon Disulfide	4.694	76	3922	0.883	ug/l #	75
18) Methyl Acetate	5.030	43	1263	0.612	ug/l #	52
21) trans-1,2-Dichloroethene	5.783	96	746	0.470	ug/l #	75
23) Vinyl Acetate	6.606	43	1444	0.364	ug/l #	71
27) cis-1,2-Dichloroethene	7.494	96	553	0.292	ug/l #	1
29) Tetrahydrofuran	7.847	42	157	0.240	ug/l #	32
31) Cyclohexane	8.224	56	3536	1.175	ug/l #	16
36) 1,1-Dichloropropene	8.365	75	944	0.372	ug/l #	53
38) Carbon Tetrachloride	8.224	117	15195	5.254	ug/l #	16
43) Isopropyl Acetate	8.677	43	402	Below Cal	#	57
44) Trichloroethene	9.347	130	868	0.463	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	646	0.275	ug/l #	36
52) Toluene	10.623	92	1156	0.237	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	1960	0.664	ug/l #	81
54) cis-1,3-Dichloropropene	10.312	75	1058	0.341	ug/l #	88
58) 2-Chloroethyl Vinyl ether	10.159	63	1120	0.895	ug/l	95
59) 2-Hexanone	11.194	43	1332	0.757	ug/l	99
61) 1,2-Dibromoethane	11.465	107	654	0.368	ug/l	82
64) Tetrachloroethene	11.100	164	537	0.290	ug/l #	66
65) Chlorobenzene	11.888	112	3362	0.532	ug/l	97
67) Ethyl Benzene	11.965	91	3386	0.300	ug/l #	83
68) m/p-Xylenes	12.076	106	3057	0.719	ug/l	97
69) o-Xylene	12.388	106	1076	0.262	ug/l	72
70) Styrene	12.406	104	4271	0.618	ug/l	95
71) Bromoform	12.576	173	508	0.334	ug/l #	29
73) Isopropylbenzene	12.700	105	2976	0.293	ug/l	97
74) N-amyl acetate	12.494	43	1356	0.308	ug/l #	84
76) 1,2,3-Trichloropropane	12.847	75	69363	27.379	ug/l #	1
77) Bromobenzene	12.982	156	1964	0.824	ug/l	96
78) n-propylbenzene	13.029	91	8094	0.689	ug/l	99
79) 2-Chlorotoluene	13.129	91	4357	0.573	ug/l	96

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 Response via : Initial Calibration

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

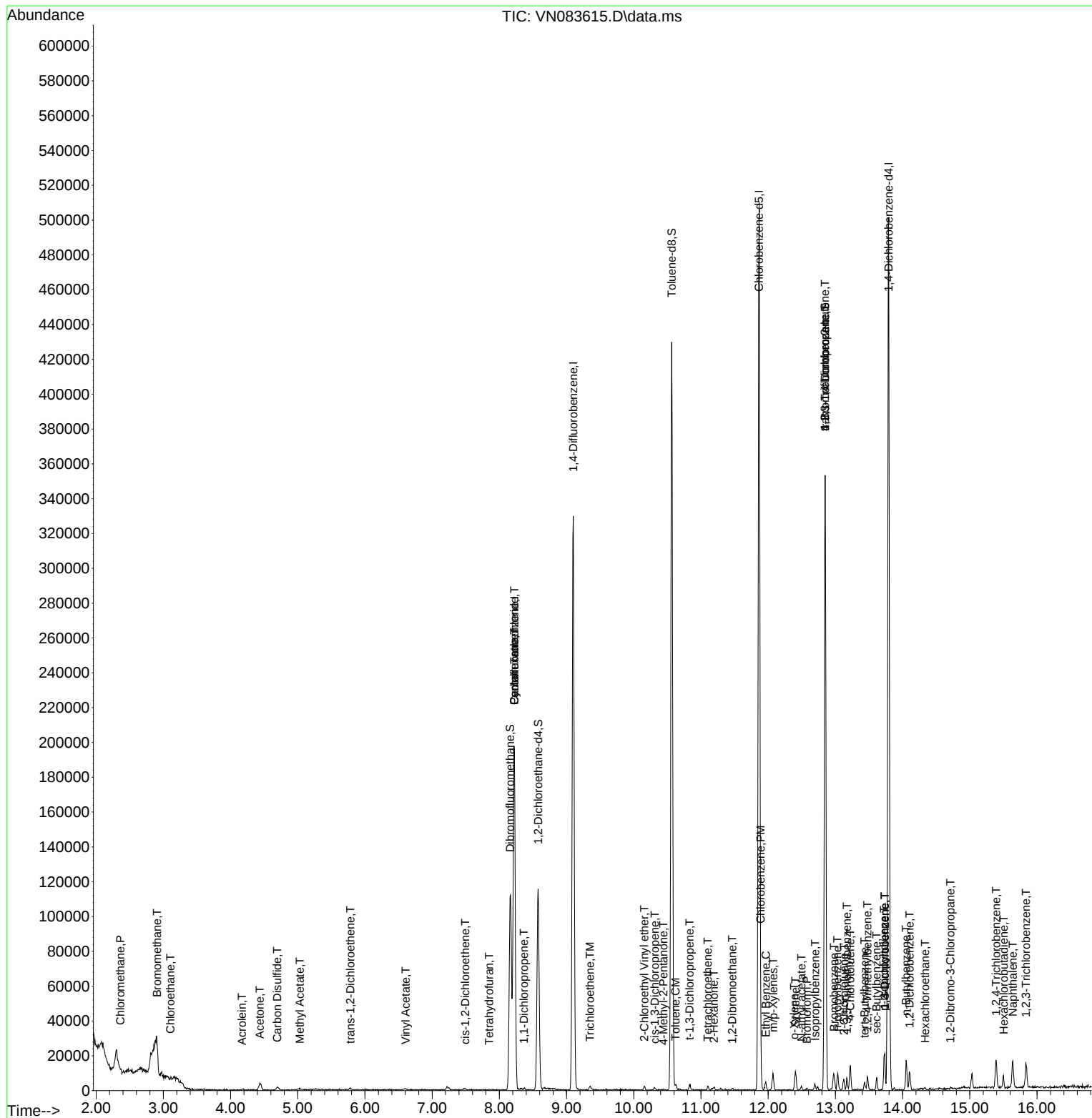
80) 1,3,5-Trimethylbenzene	13.170	105	3368	0.394	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.847	75	69363	64.577	ug/l #	9
82) 4-Chlorotoluene	13.223	91	8772	1.135	ug/l	99
83) tert-Butylbenzene	13.435	119	2420	0.318	ug/l	94
84) 1,2,4-Trimethylbenzene	13.476	105	3947	0.458	ug/l	97
85) sec-Butylbenzene	13.612	105	5303	0.525	ug/l	90
86) p-Isopropyltoluene	13.723	119	5167	0.612	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	5838	1.262	ug/l	94
88) 1,4-Dichlorobenzene	13.735	146	5838	1.228	ug/l	94
89) n-Butylbenzene	14.053	91	9087	1.223	ug/l	97
90) Hexachloroethane	14.335	117	521	0.317	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	4409	0.990	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.711	75	389	0.622	ug/l #	54
93) 1,2,4-Trichlorobenzene	15.394	180	5249	2.078	ug/l	99
94) Hexachlorobutadiene	15.506	225	1289	1.274	ug/l	91
95) Naphthalene	15.641	128	14911	1.837	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	4817	1.909	ug/l	98

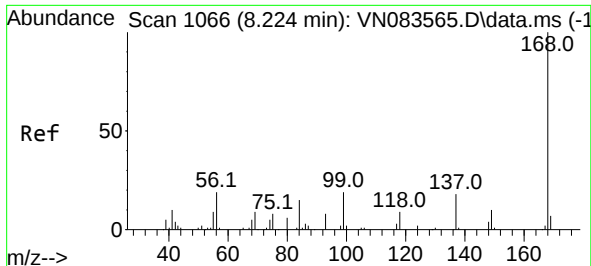
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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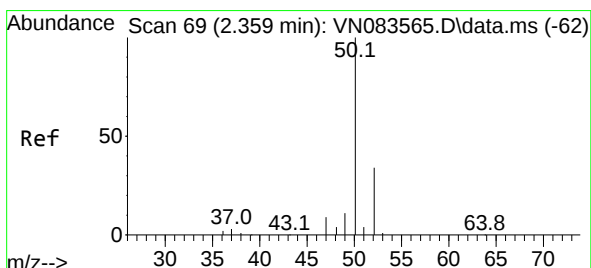
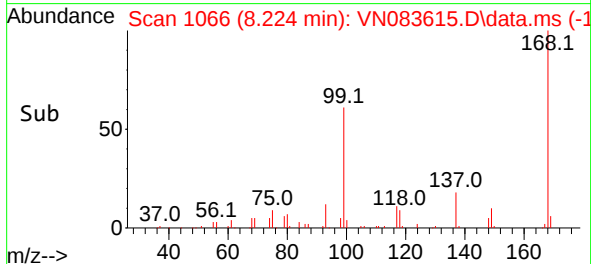
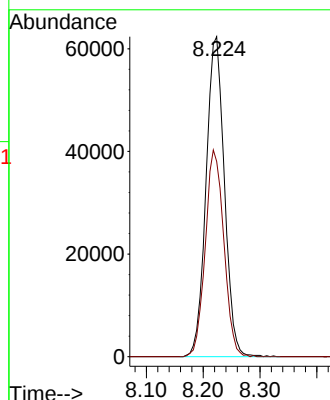
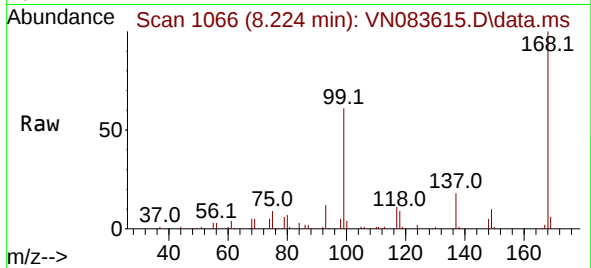




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

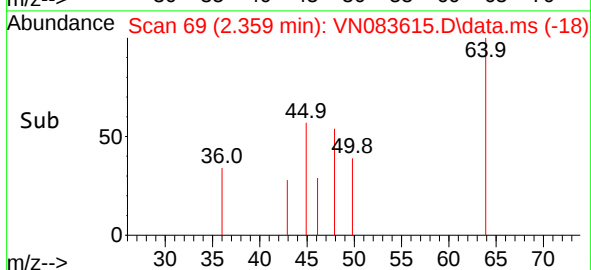
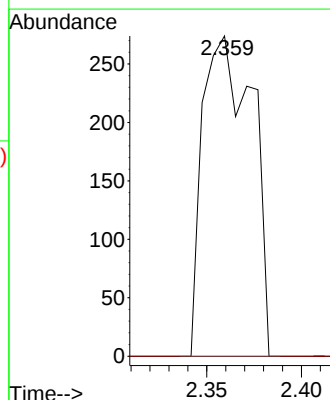
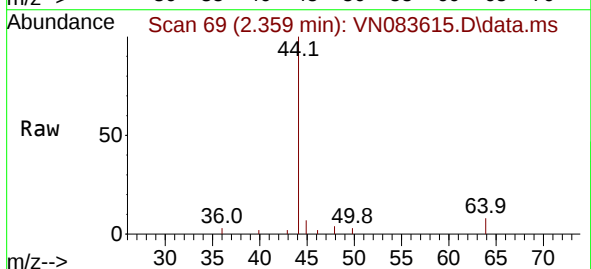
Instrument :
MSVOA_N
ClientSampleId :

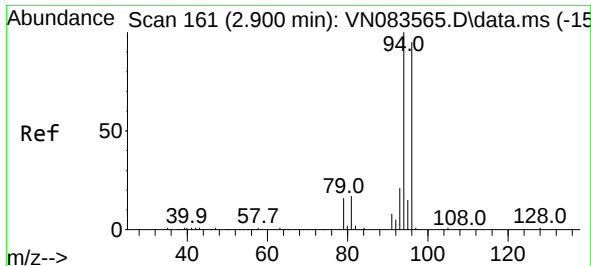
Tgt Ion:168 Resp: 139170
Ion Ratio Lower Upper
168 100
99 61.0 54.2 81.2



#3
Chloromethane
Concen: 0.290 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion: 50 Resp: 498
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

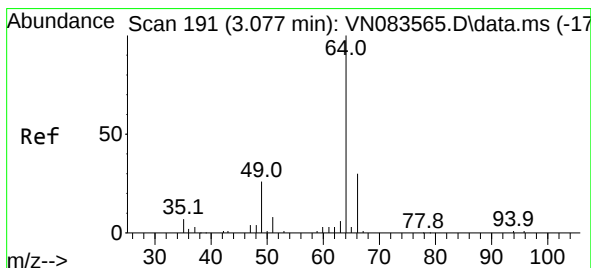
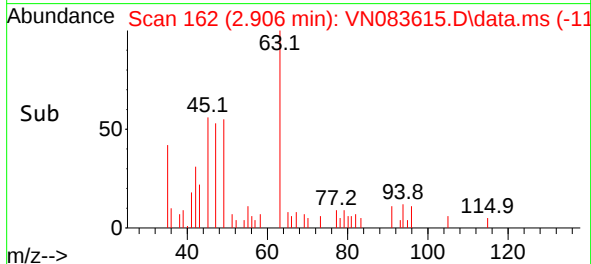
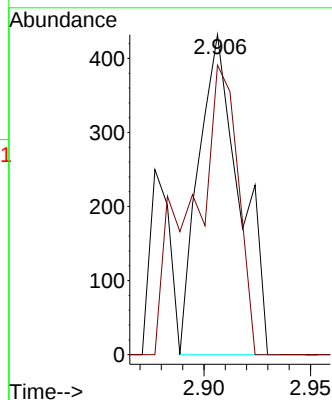
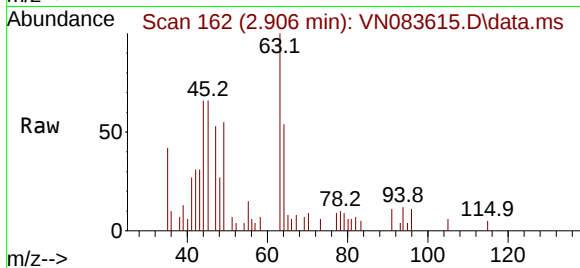




#5
Bromomethane
Concen: 0.646 ug/l
RT: 2.906 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

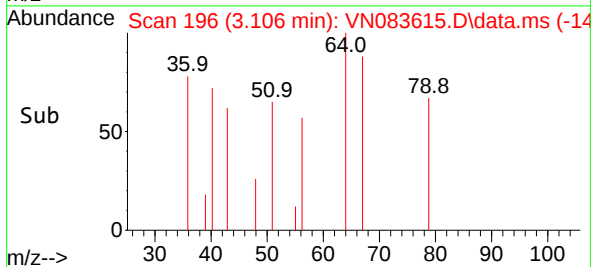
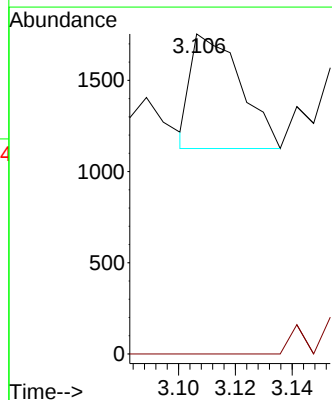
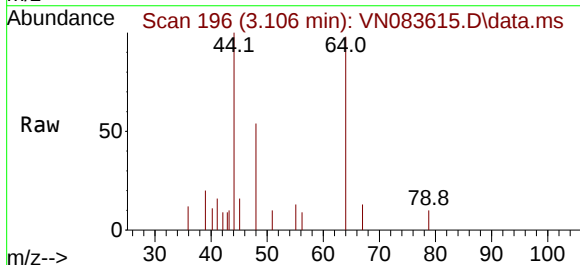
Instrument :
MSVOA_N
ClientSampleId :

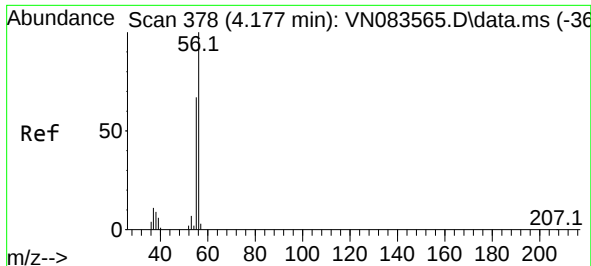
Tgt Ion: 94 Resp: 583
Ion Ratio Lower Upper
94 100
96 90.5 76.0 114.0



#6
Chloroethane
Concen: 0.683 ug/l
RT: 3.106 min Scan# 196
Delta R.T. 0.029 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion: 64 Resp: 766
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#





#13

Acrolein

Concen: 0.746 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN083615.D

Acq: 03 Sep 2024 10:17

Instrument :

MSVOA_N

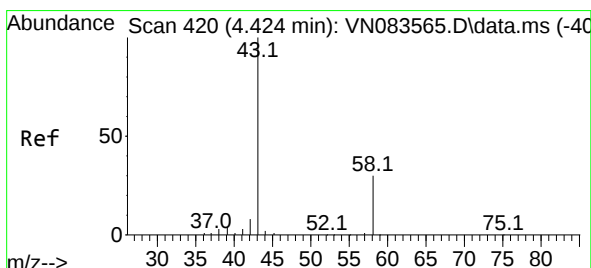
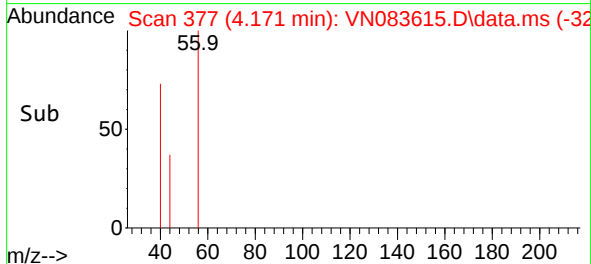
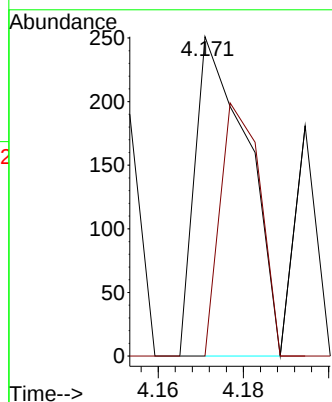
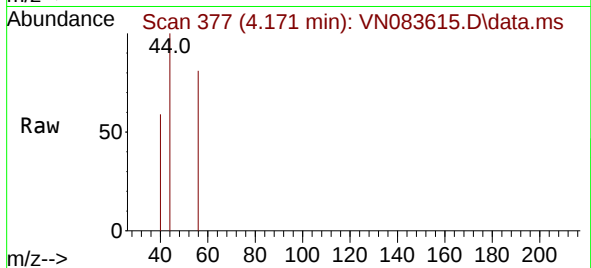
ClientSampleId :

Tgt Ion: 56 Resp: 214

Ion Ratio Lower Upper

56 100

55 60.7 58.2 87.2



#16

Acetone

Concen: 0.846 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN083615.D

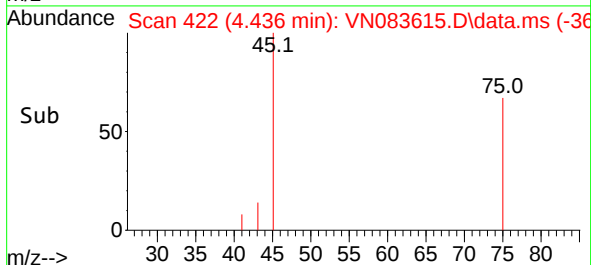
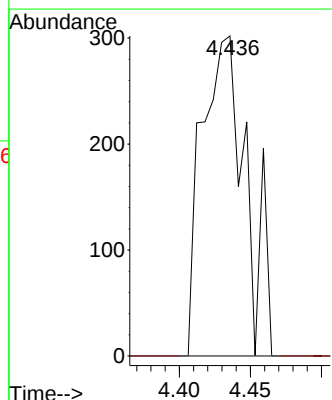
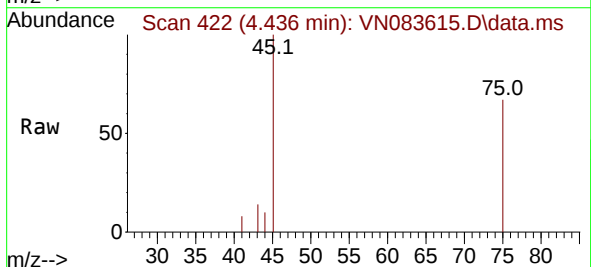
Acq: 03 Sep 2024 10:17

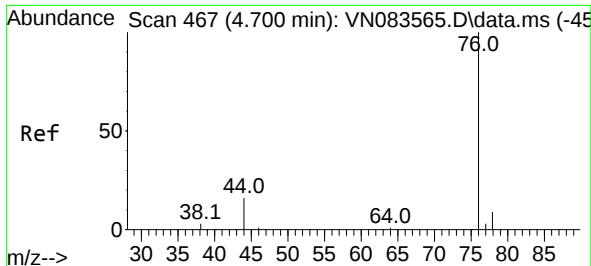
Tgt Ion: 43 Resp: 656

Ion Ratio Lower Upper

43 100

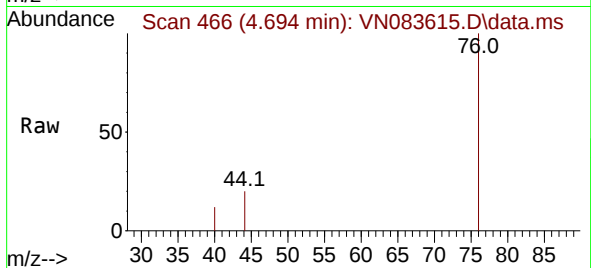
58 0.0 23.7 35.5#



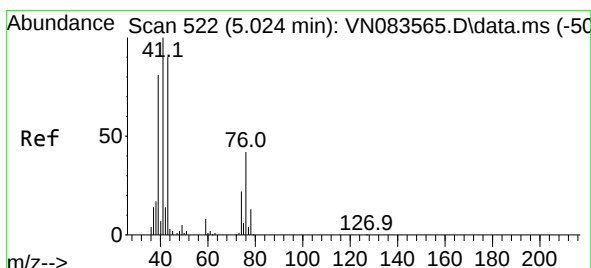
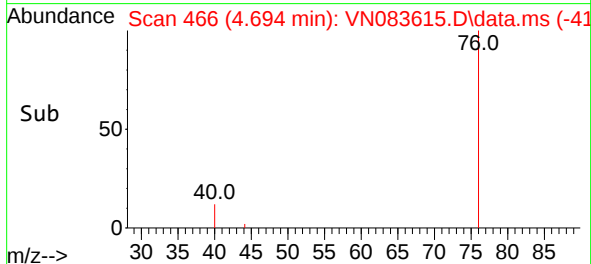
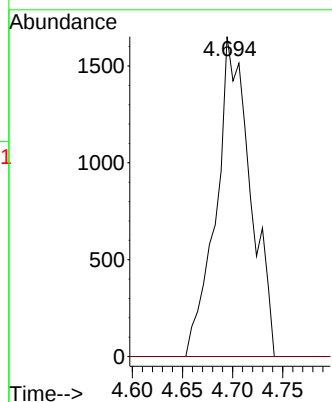


#17
Carbon Disulfide
Concen: 0.883 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

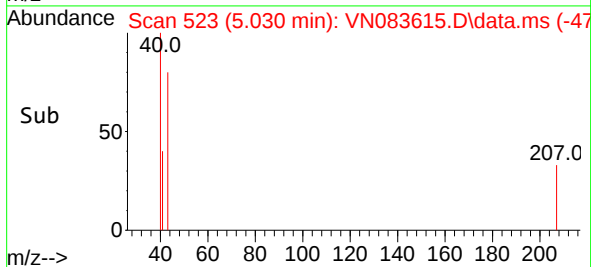
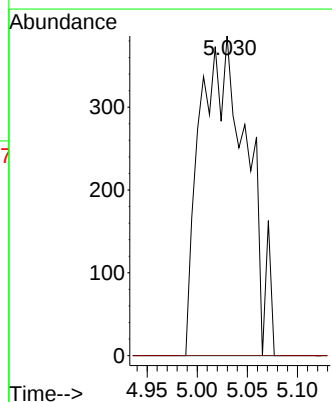
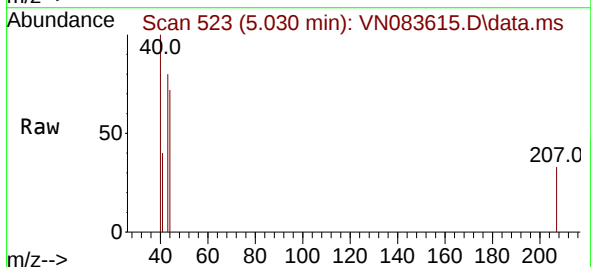


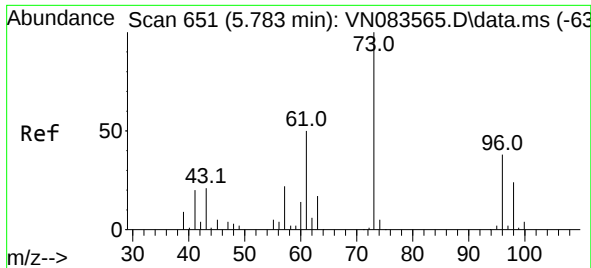
Tgt Ion: 76 Resp: 3922
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.612 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

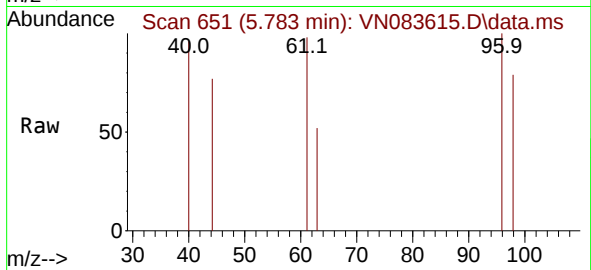
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



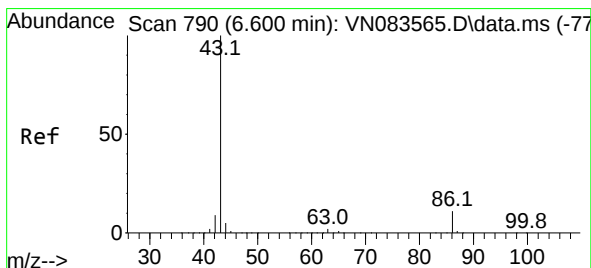
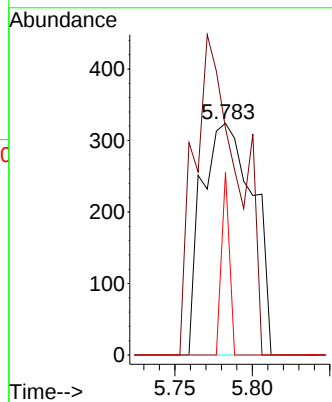
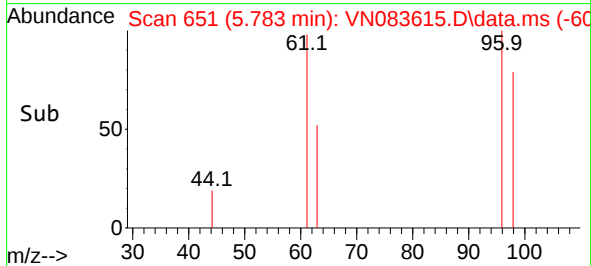


#21
trans-1,2-Dichloroethene
Concen: 0.470 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

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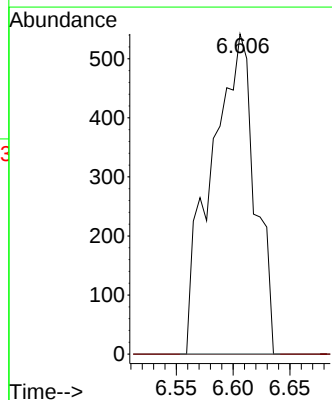
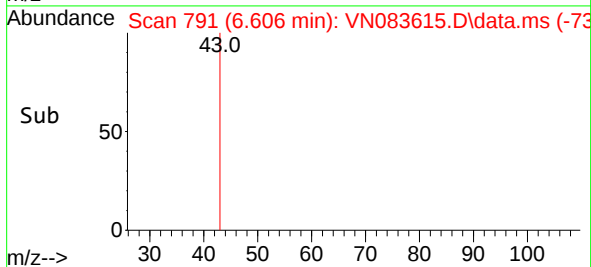
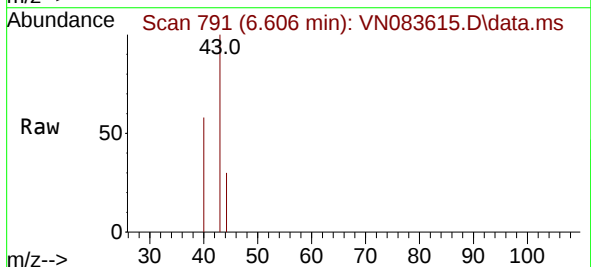


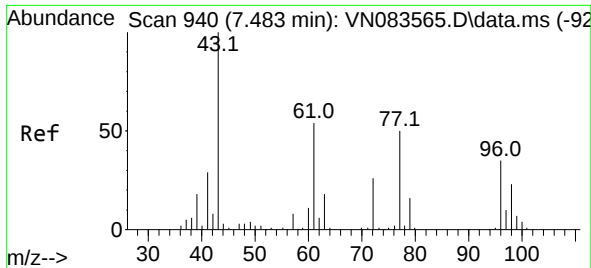
Tgt Ion: 96 Resp: 746
Ion Ratio Lower Upper
96 100
61 97.8 106.0 159.0#
98 79.0 52.2 78.2#



#23
Vinyl Acetate
Concen: 0.364 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion: 43 Resp: 1444
Ion Ratio Lower Upper
43 100
86 0.0 8.7 13.1#



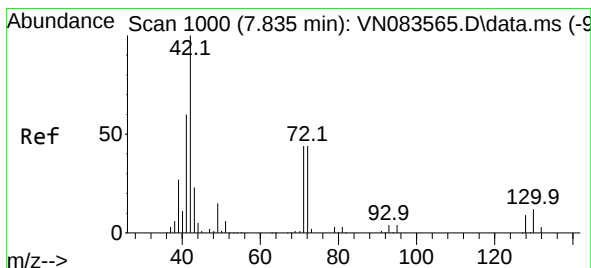
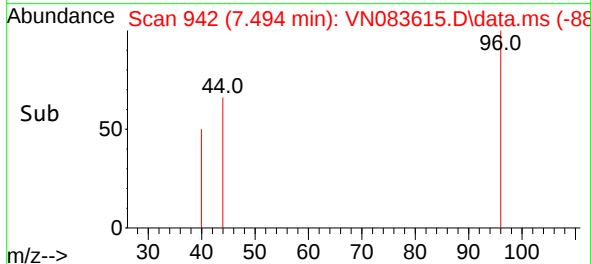
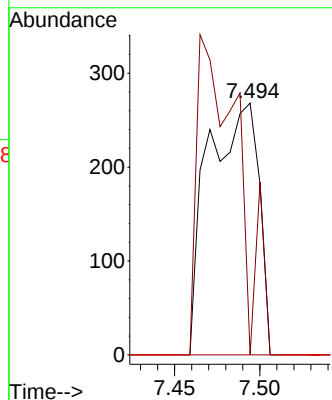
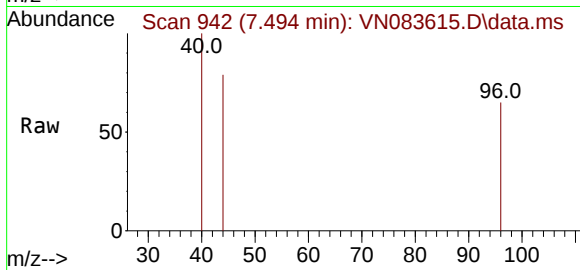


#27
 cis-1,2-Dichloroethene
 Concen: 0.292 ug/l
 RT: 7.494 min Scan# 94
 Delta R.T. 0.012 min
 Lab File: VN083615.D
 Acq: 03 Sep 2024 10:17

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 553

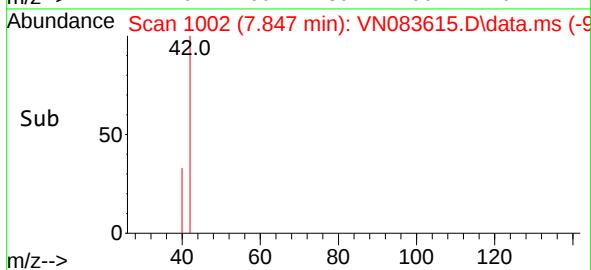
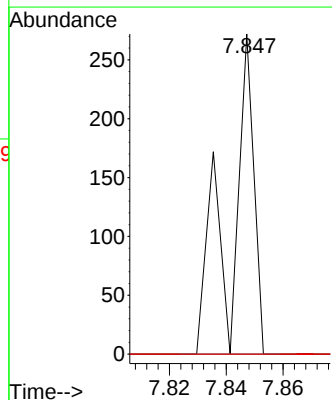
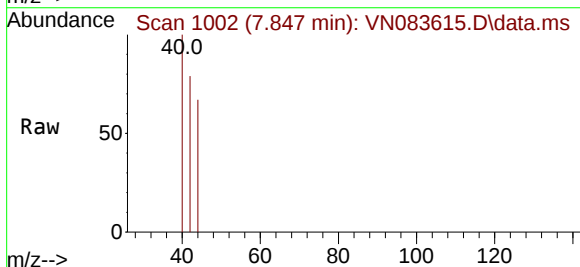
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	306.2
98	0.0	0.0	128.6

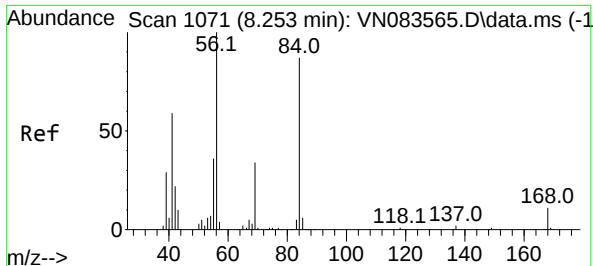


#29
 Tetrahydrofuran
 Concen: 0.240 ug/l
 RT: 7.847 min Scan# 1002
 Delta R.T. 0.012 min
 Lab File: VN083615.D
 Acq: 03 Sep 2024 10:17

Tgt Ion: 42 Resp: 157

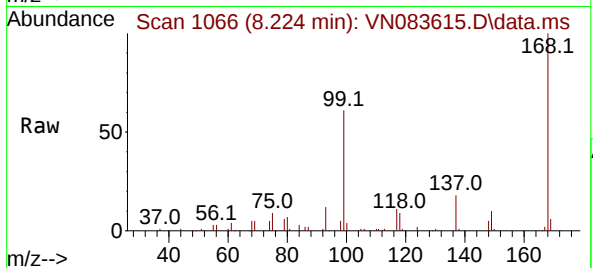
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.9	53.9#
71	0.0	33.9	50.9#



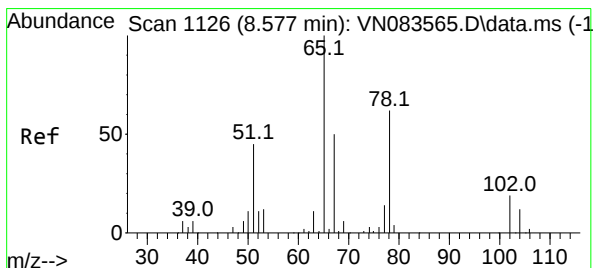
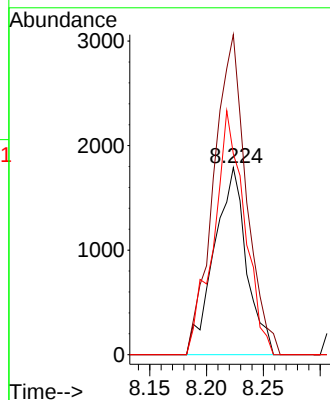
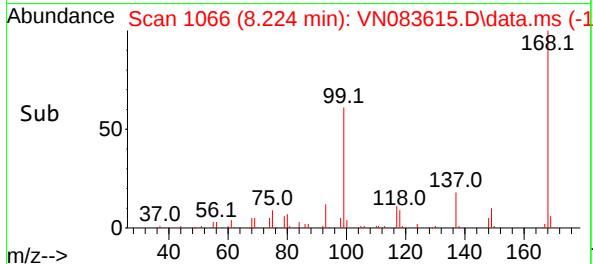


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

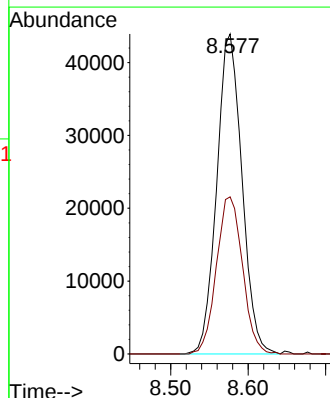
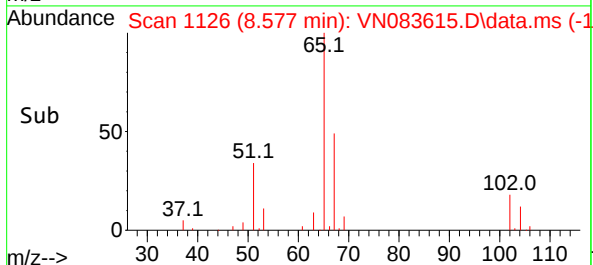
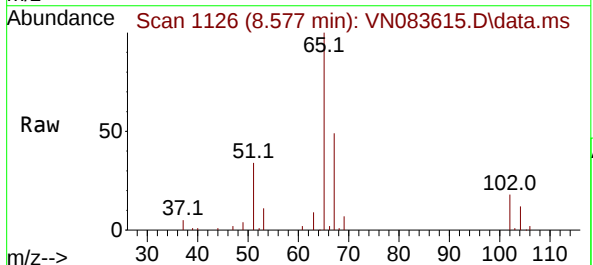


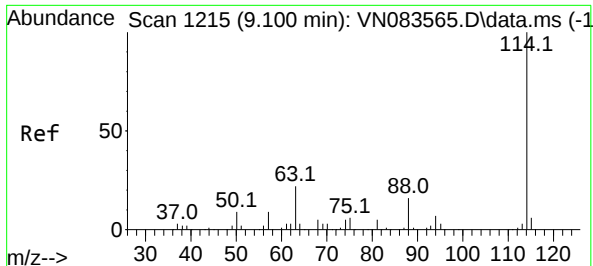
Tgt Ion: 56 Resp: 3536
Ion Ratio Lower Upper
56 100
69 171.1 26.9 40.3#
84 107.3 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 51.089 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion: 65 Resp: 99370
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083615.D

Acq: 03 Sep 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

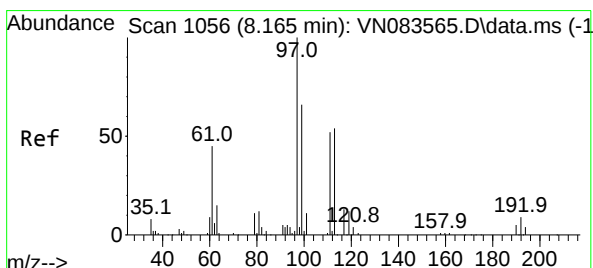
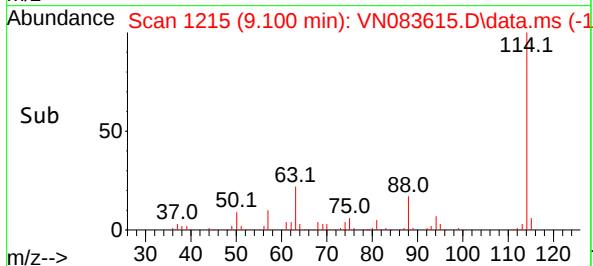
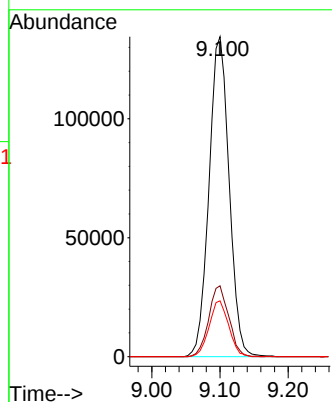
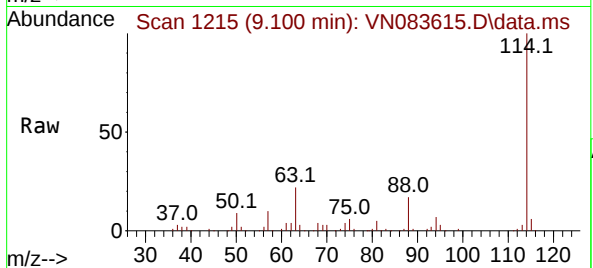
Tgt Ion:114 Resp: 276121

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

88 17.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.719 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN083615.D

Acq: 03 Sep 2024 10:17

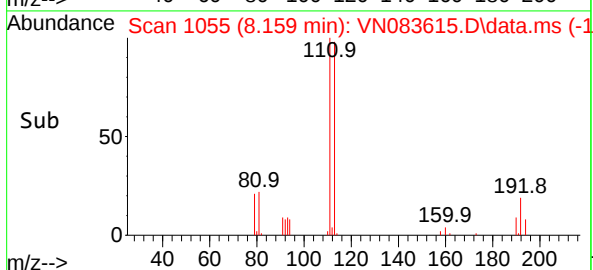
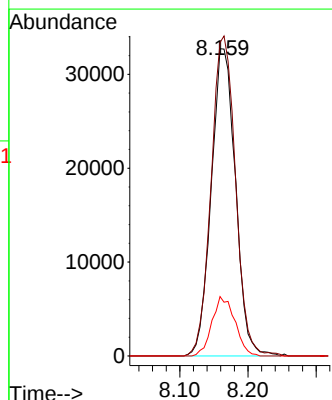
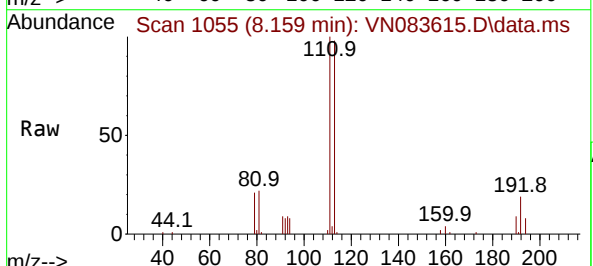
Tgt Ion:113 Resp: 80967

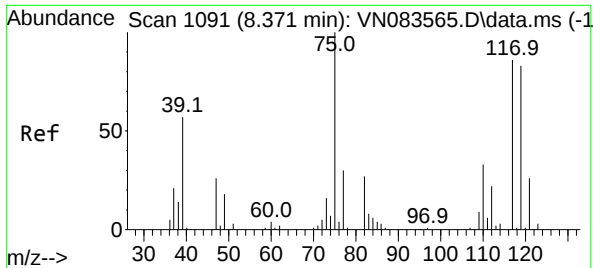
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 18.3 14.3 21.5

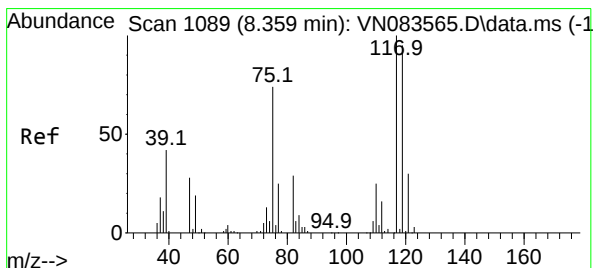
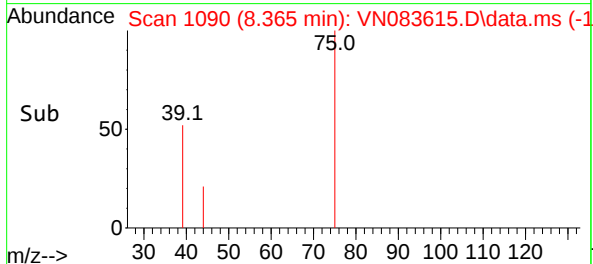
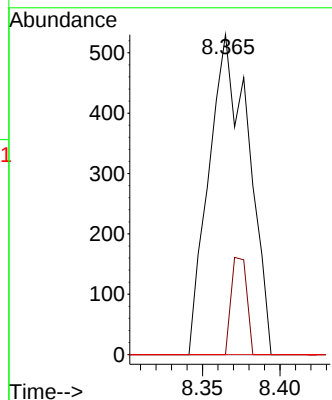
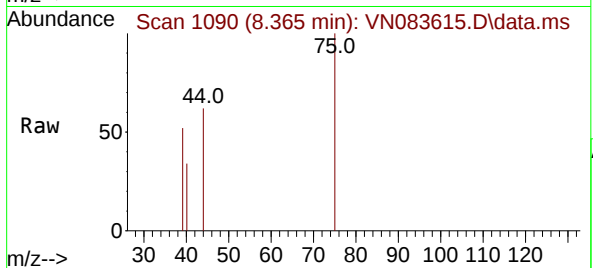




#36
1,1-Dichloropropene
Concen: 0.372 ug/l
RT: 8.365 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

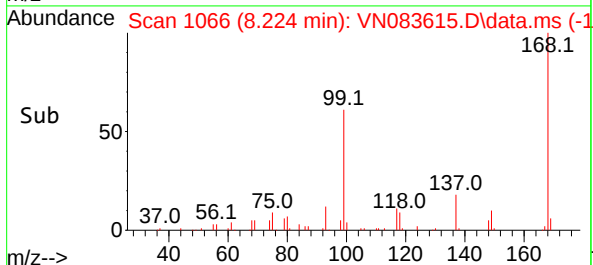
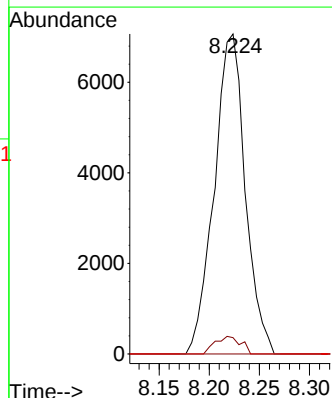
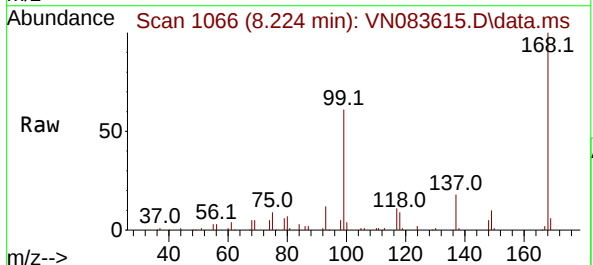
Instrument :
MSVOA_N
ClientSampleId :

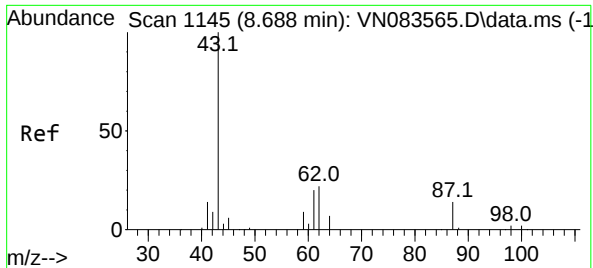
Tgt Ion: 75 Resp: 944
Ion Ratio Lower Upper
75 100
110 11.9 16.7 50.1#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.254 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

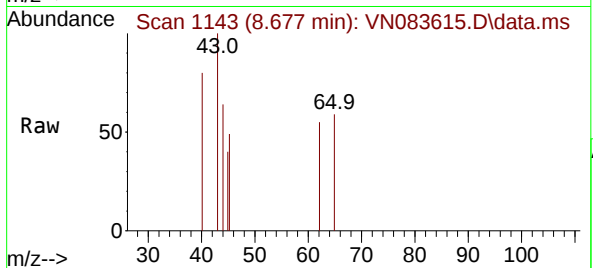
Tgt Ion: 117 Resp: 15195
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.1 36.1#



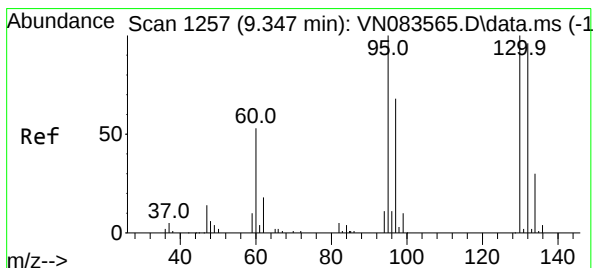
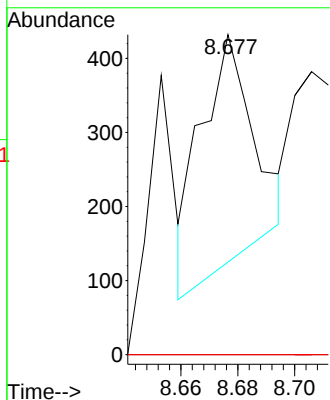
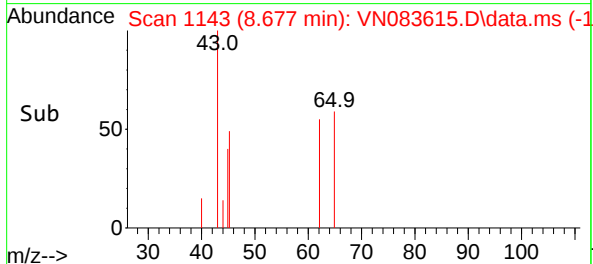


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

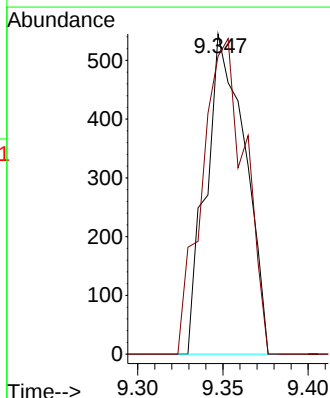
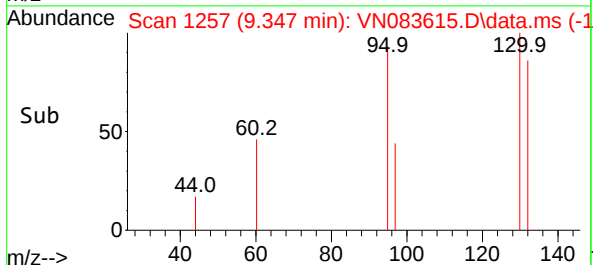
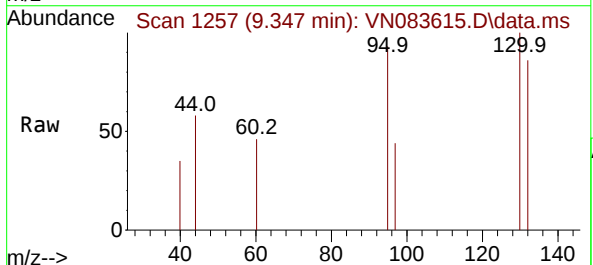


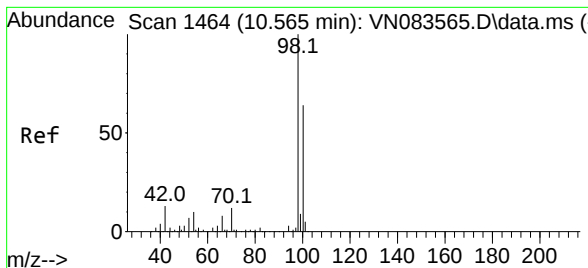
Tgt Ion: 43 Resp: 402
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 0.463 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion:130 Resp: 868
Ion Ratio Lower Upper
130 100
95 93.0 0.0 200.4

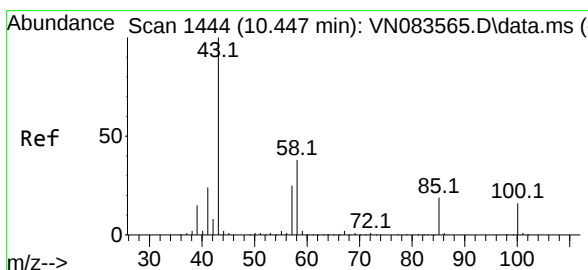
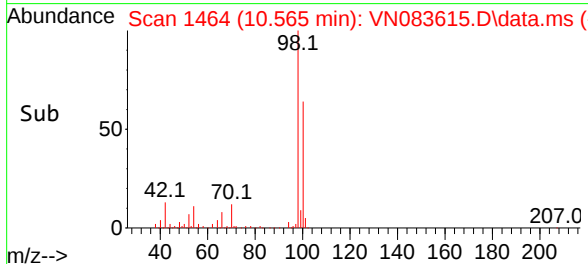
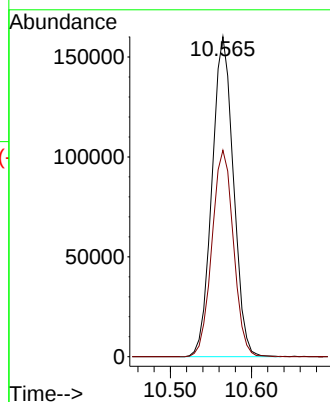
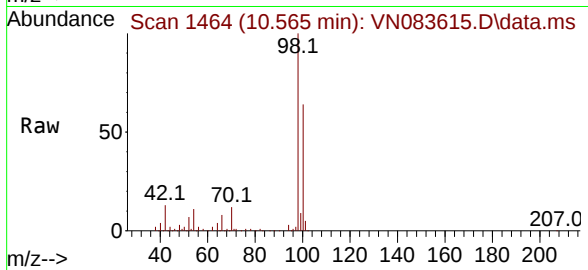




#50
Toluene-d8
Concen: 45.454 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

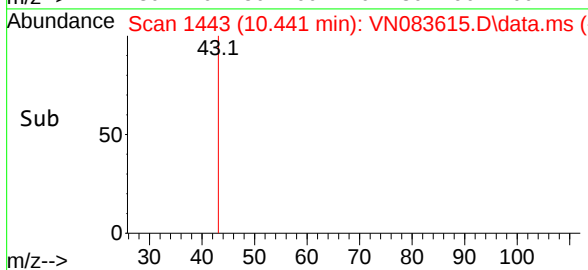
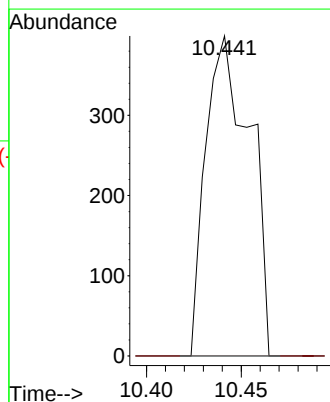
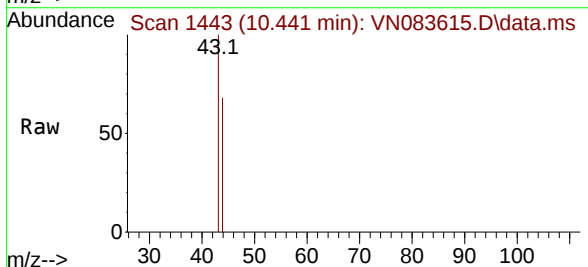
Instrument :
MSVOA_N
ClientSampleId :

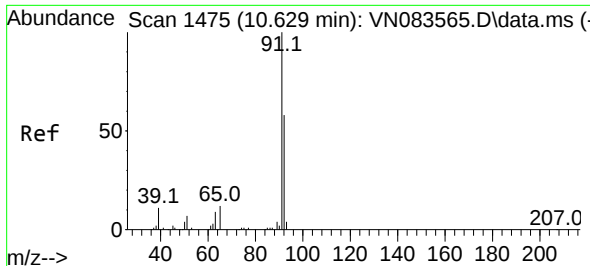
Tgt Ion: 98 Resp: 293816
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.275 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 0.0 31.6 47.4#

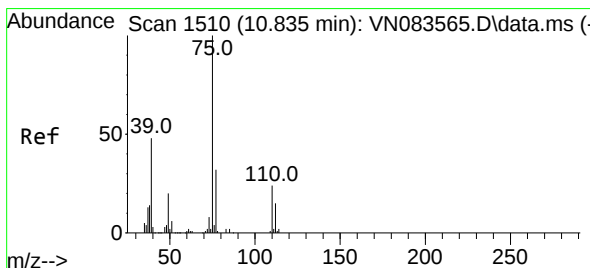
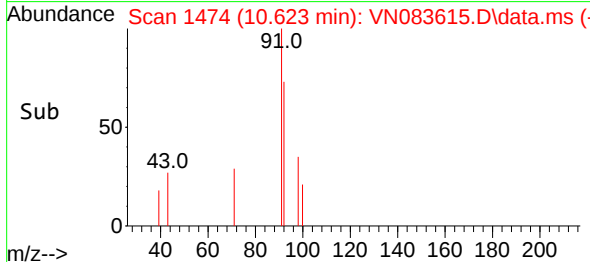
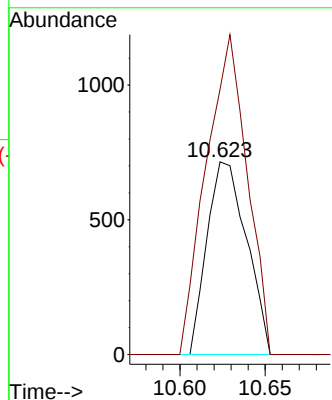
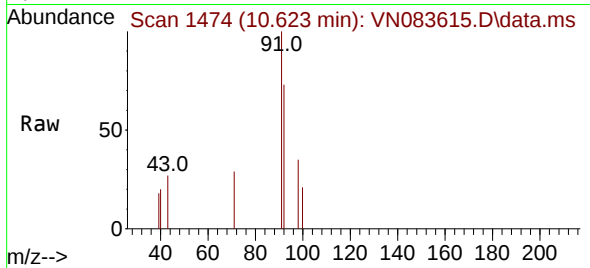




#52
Toluene
Concen: 0.237 ug/l
RT: 10.623 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

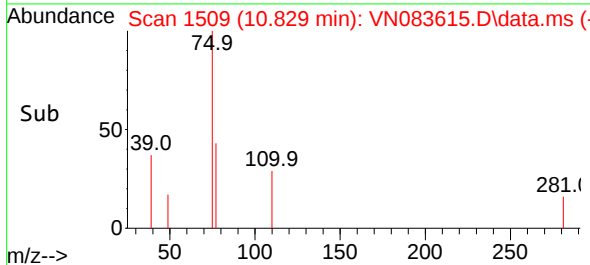
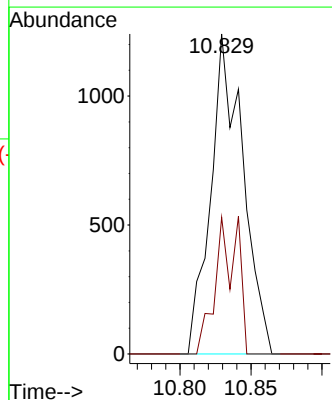
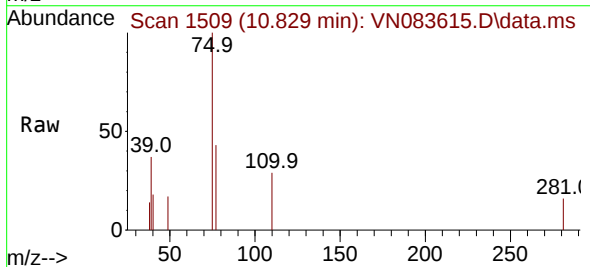
Instrument :
MSVOA_N
ClientSampleId :

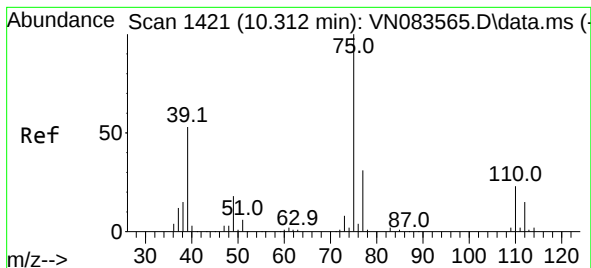
Tgt Ion: 92 Resp: 1156
Ion Ratio Lower Upper
92 100
91 171.9 134.7 202.1



#53
t-1,3-Dichloropropene
Concen: 0.664 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion: 75 Resp: 1960
Ion Ratio Lower Upper
75 100
77 42.7 25.8 38.6#

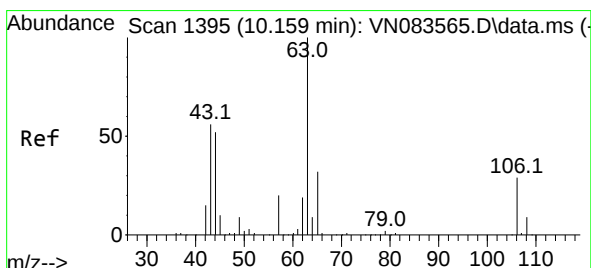
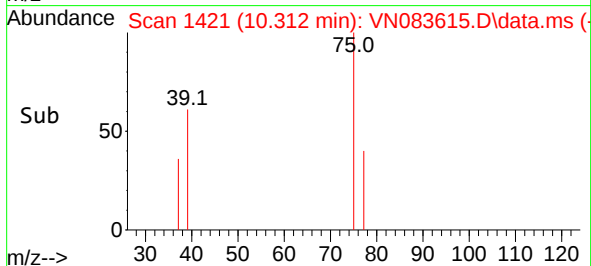
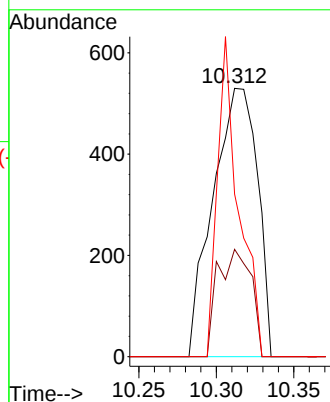
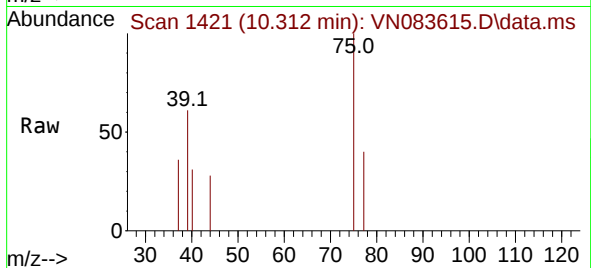




#54
 cis-1,3-Dichloropropene
 Concen: 0.341 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN083615.D
 Acq: 03 Sep 2024 10:17

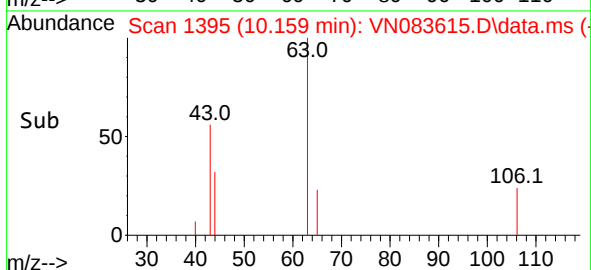
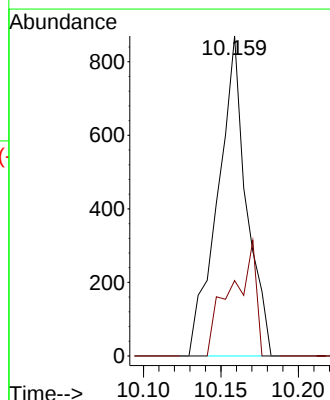
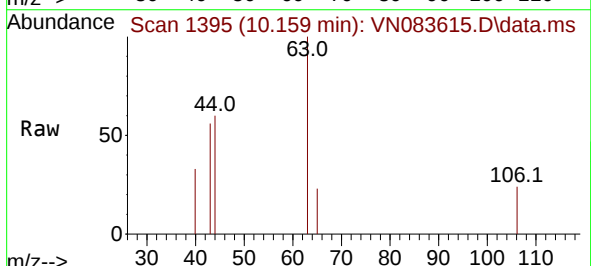
Instrument :
 MSVOA_N
 ClientSampleId :

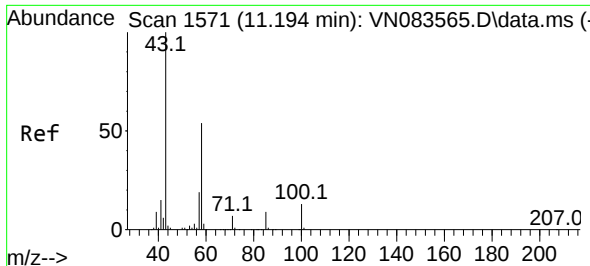
Tgt Ion: 75 Resp: 1058
 Ion Ratio Lower Upper
 75 100
 77 40.0 25.0 37.6#
 39 60.6 42.6 64.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.895 ug/l
 RT: 10.159 min Scan# 1395
 Delta R.T. -0.000 min
 Lab File: VN083615.D
 Acq: 03 Sep 2024 10:17

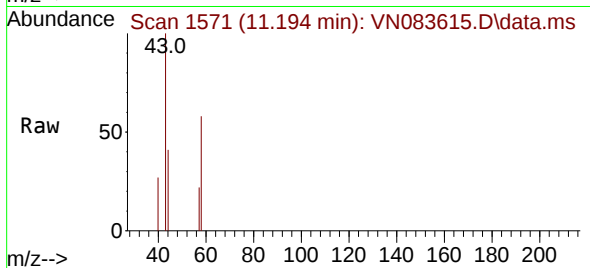
Tgt Ion: 63 Resp: 1120
 Ion Ratio Lower Upper
 63 100
 106 31.5 23.3 34.9



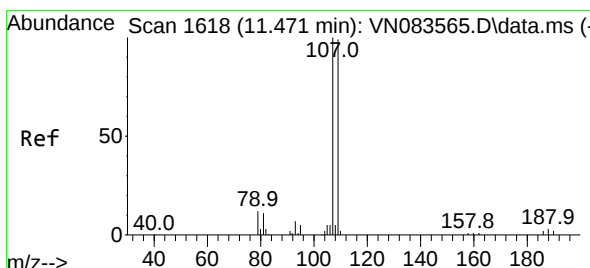
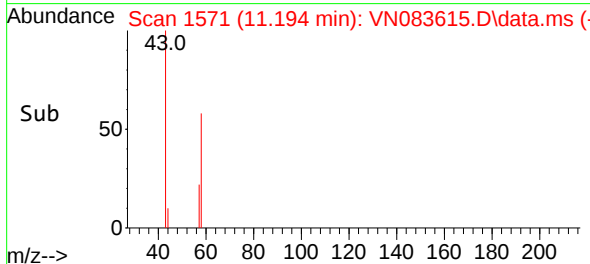
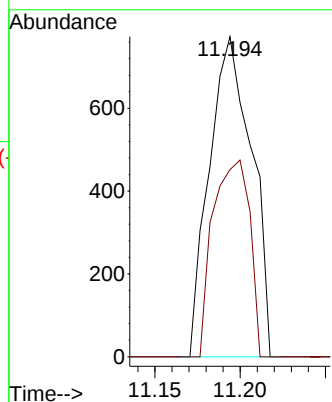


#59
2-Hexanone
Concen: 0.757 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

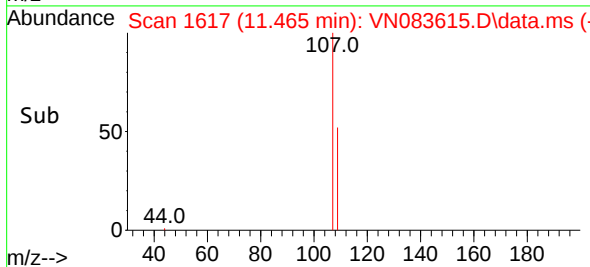
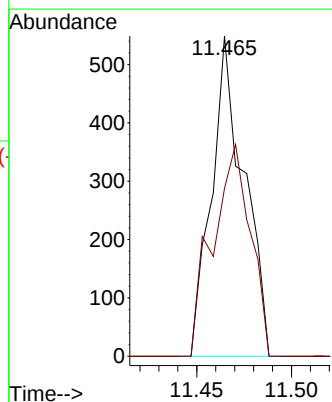
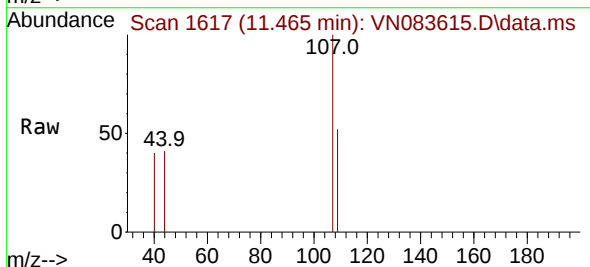


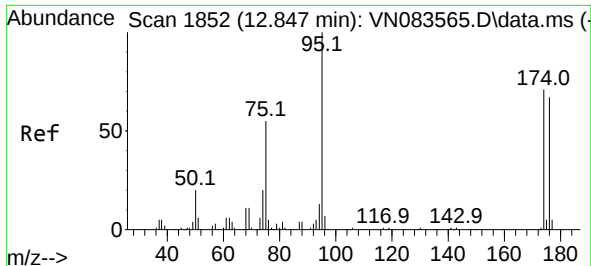
Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
58 53.4 27.2 81.5



#61
1,2-Dibromoethane
Concen: 0.368 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion: 107 Resp: 654
Ion Ratio Lower Upper
107 100
109 77.1 75.6 113.4

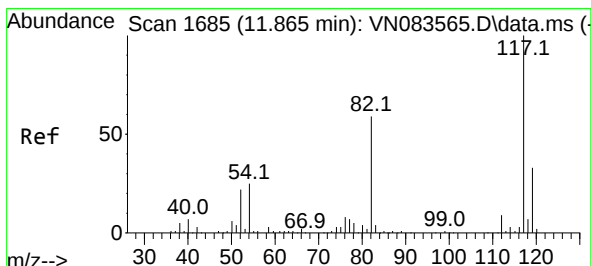
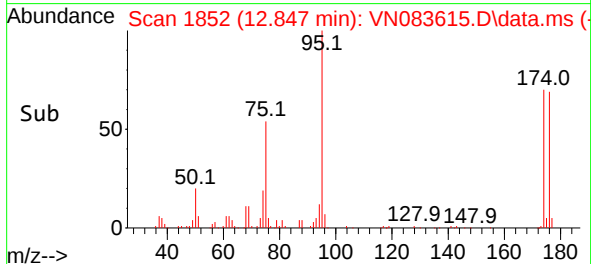
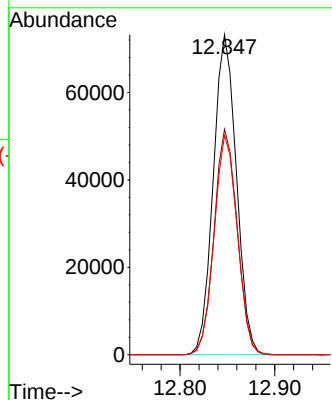
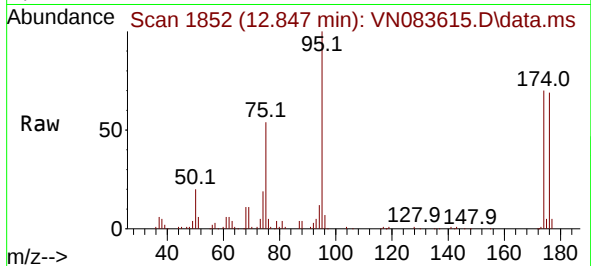




#62
4-Bromofluorobenzene
Concen: 51.921 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

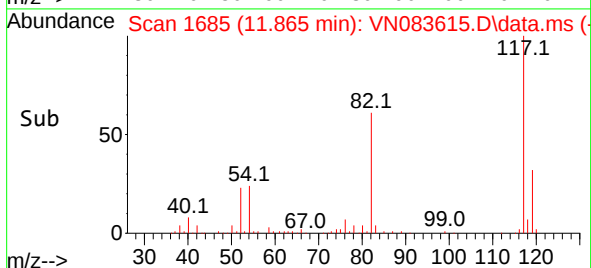
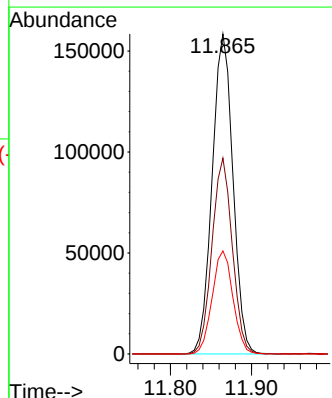
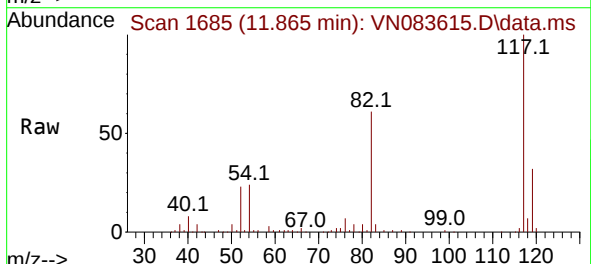
Instrument :
MSVOA_N
ClientSampleId :

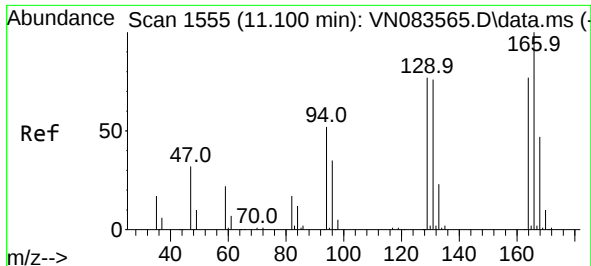
Tgt Ion: 95 Resp: 124476
Ion Ratio Lower Upper
95 100
174 70.2 0.0 139.8
176 68.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

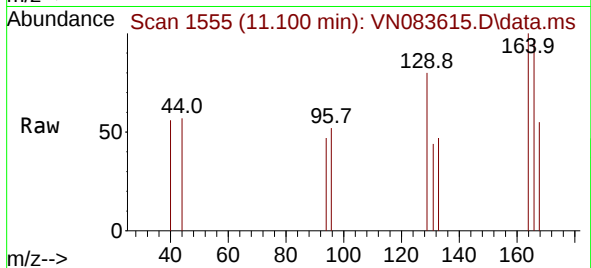
Tgt Ion: 117 Resp: 281927
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.0
119 32.2 26.3 39.5



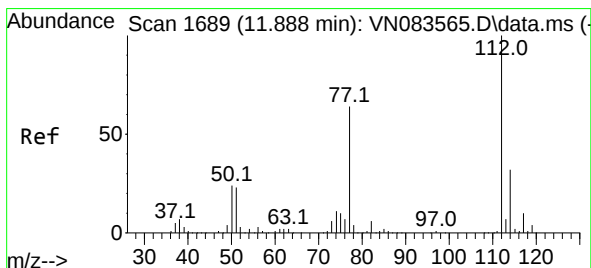
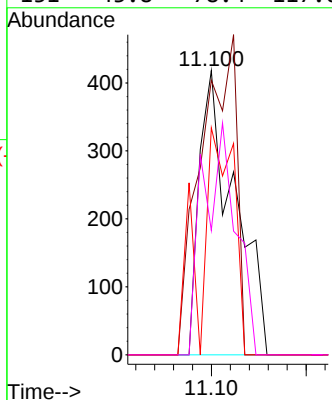
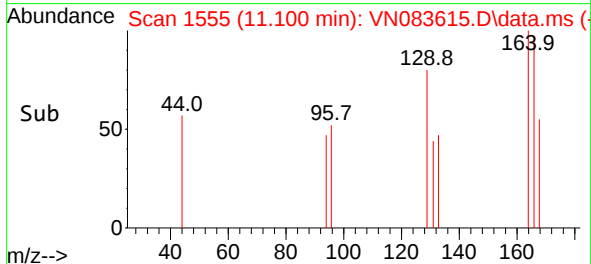


#64
Tetrachloroethene
Concen: 0.290 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

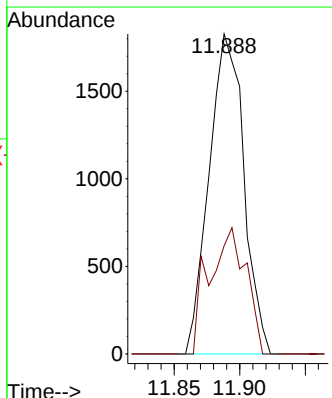
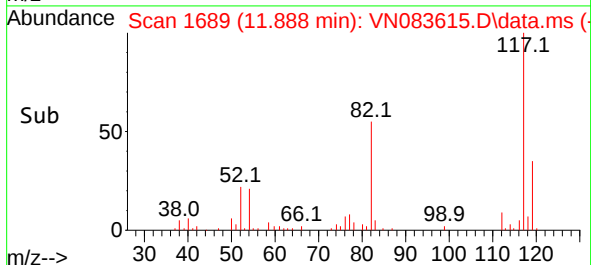
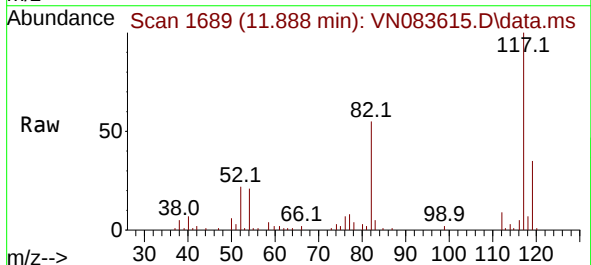


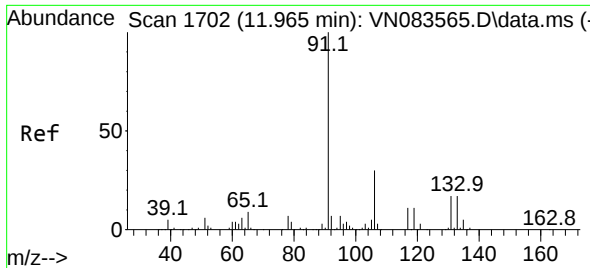
Tgt Ion:164 Resp: 537
Ion Ratio Lower Upper
164 100
166 96.7 103.7 155.5#
129 79.9 79.9 119.9#
131 43.8 78.4 117.6#



#65
Chlorobenzene
Concen: 0.532 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion:112 Resp: 3362
Ion Ratio Lower Upper
112 100
114 33.8 25.7 38.5

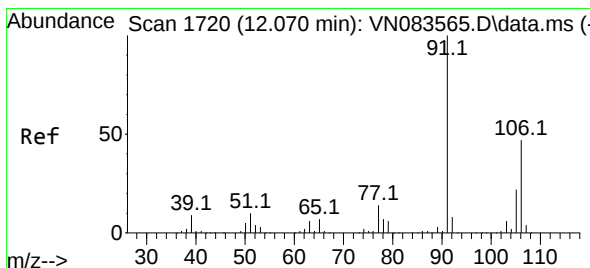
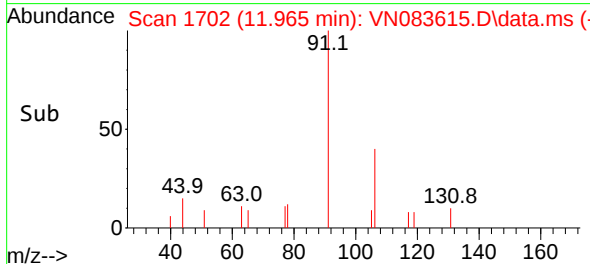
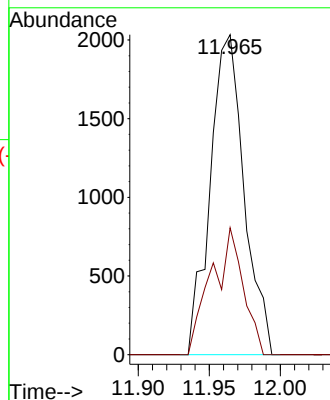
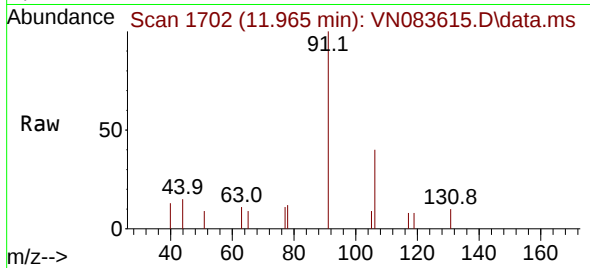




#67
Ethyl Benzene
Concen: 0.300 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

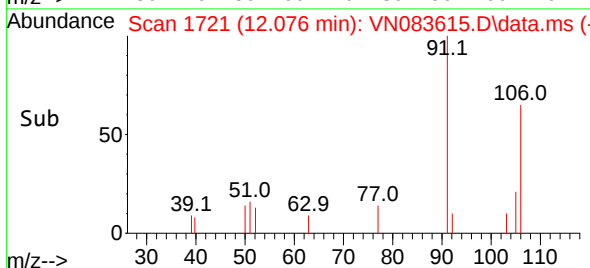
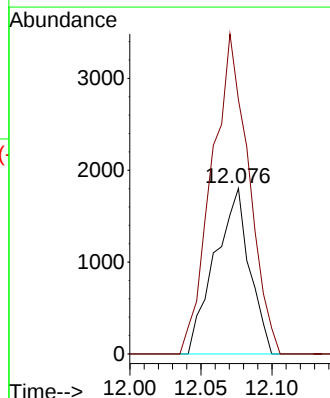
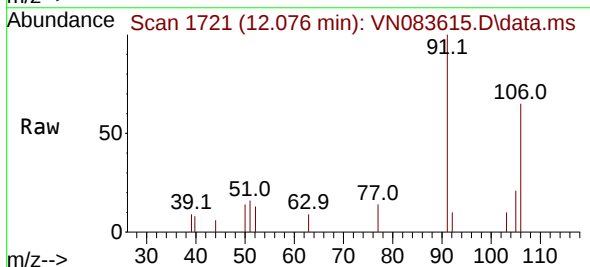
Instrument :
MSVOA_N
ClientSampleId :

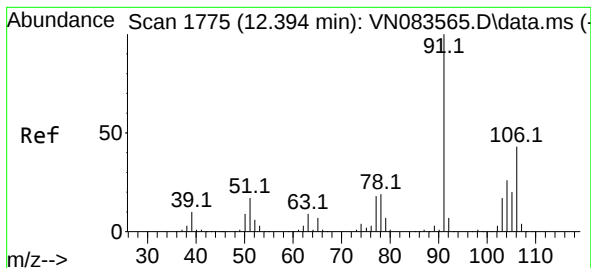
Tgt Ion: 91 Resp: 3386
Ion Ratio Lower Upper
91 100
106 39.7 24.3 36.5#



#68
m/p-Xylenes
Concen: 0.719 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion:106 Resp: 3057
Ion Ratio Lower Upper
106 100
91 206.3 169.2 253.8





#69

o-Xylene

Concen: 0.262 ug/l

RT: 12.388 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083615.D

Acq: 03 Sep 2024 10:17

Instrument :

MSVOA_N

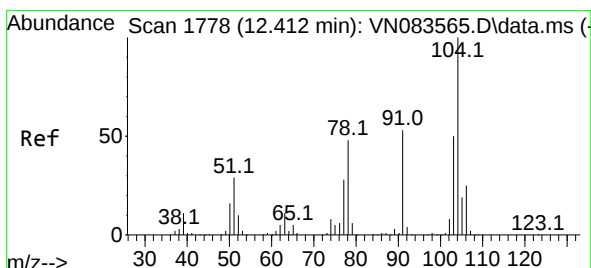
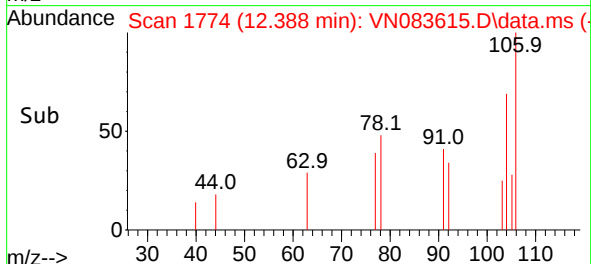
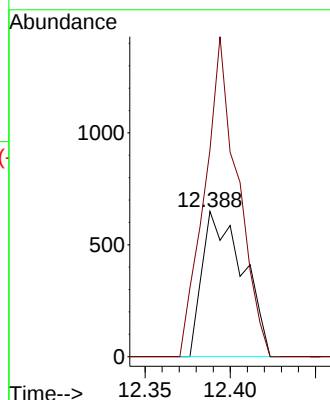
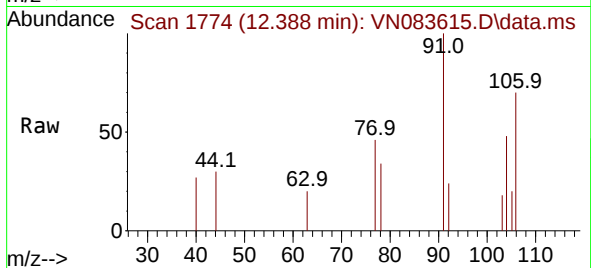
ClientSampleId :

Tgt Ion:106 Resp: 1076

Ion Ratio Lower Upper

106 100

91 179.5 112.9 338.6



#70

Styrene

Concen: 0.618 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN083615.D

Acq: 03 Sep 2024 10:17

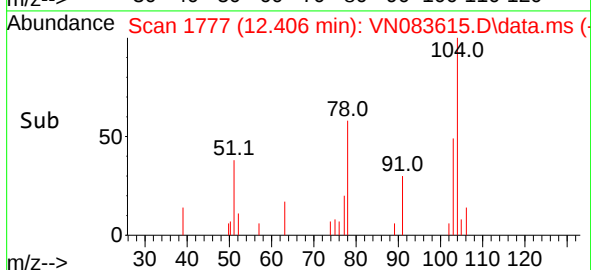
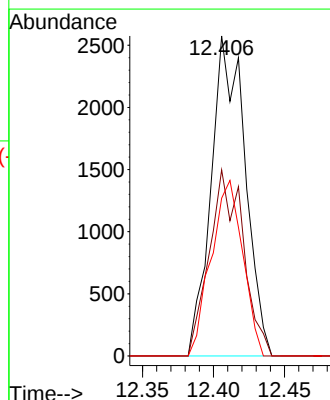
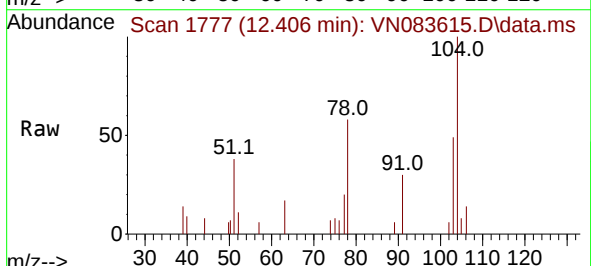
Tgt Ion:104 Resp: 4271

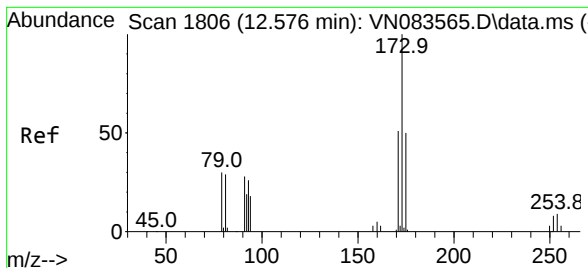
Ion Ratio Lower Upper

104 100

78 58.0 43.3 64.9

103 51.3 43.4 65.2





#71

Bromoform

Concen: 0.334 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.000 min

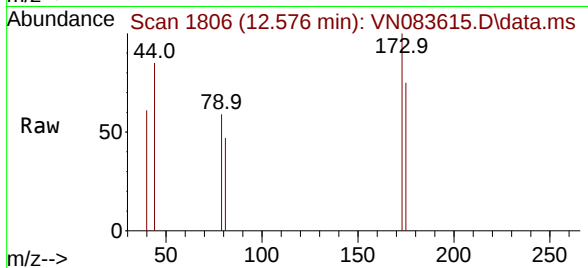
Lab File: VN083615.D

Acq: 03 Sep 2024 10:17

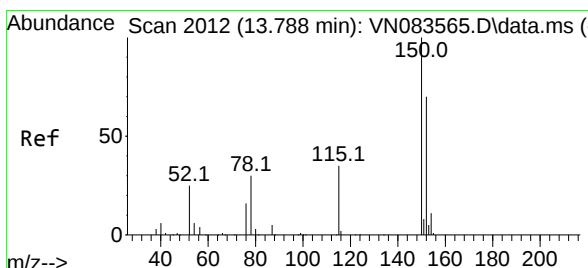
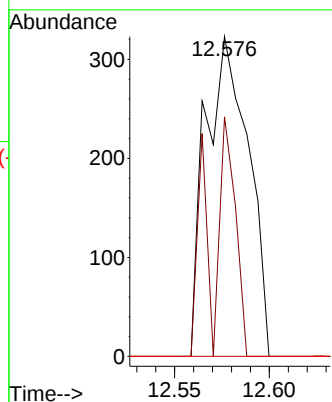
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	508
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

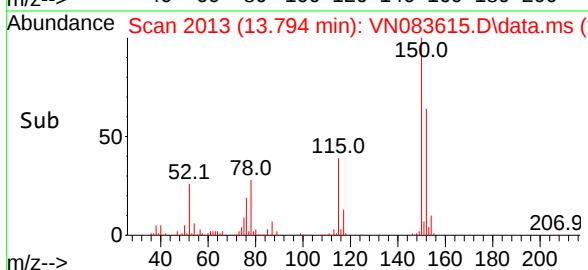
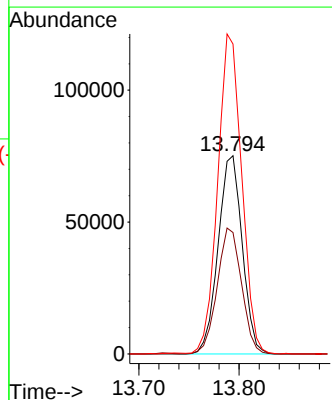
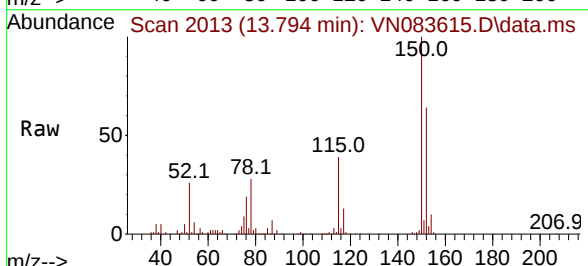
RT: 13.794 min Scan# 2013

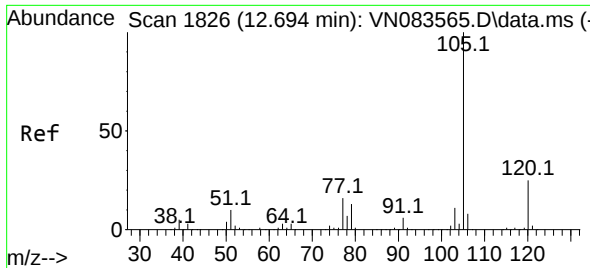
Delta R.T. 0.006 min

Lab File: VN083615.D

Acq: 03 Sep 2024 10:17

Tgt Ion:	152	Resp:	125479
Ion Ratio	Lower	Upper	
152	100		
115	64.0	32.2	96.6
150	161.1	0.0	348.6

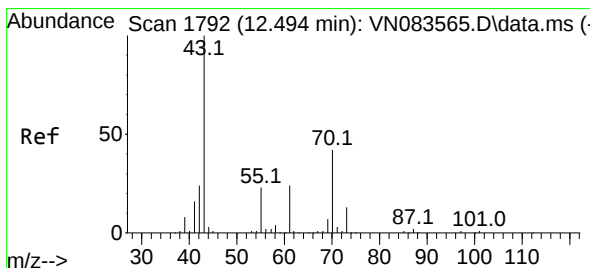
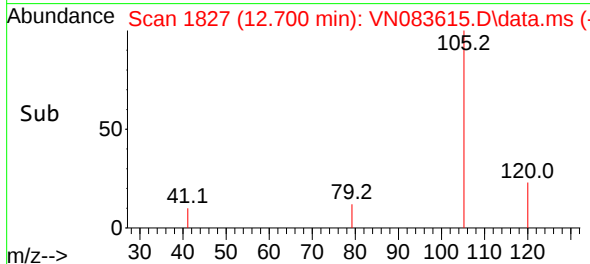
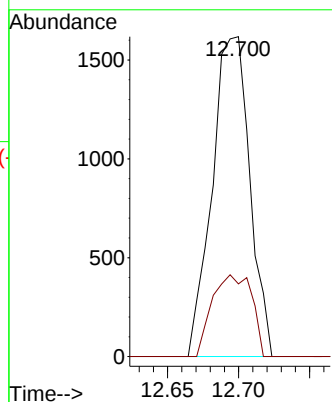
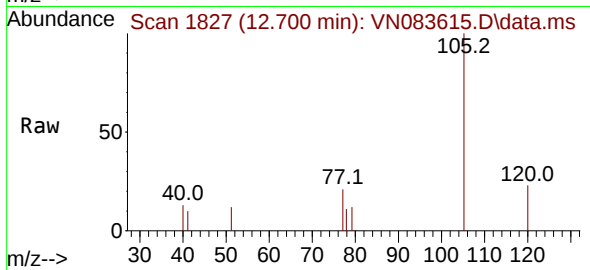




#73
Isopropylbenzene
Concen: 0.293 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

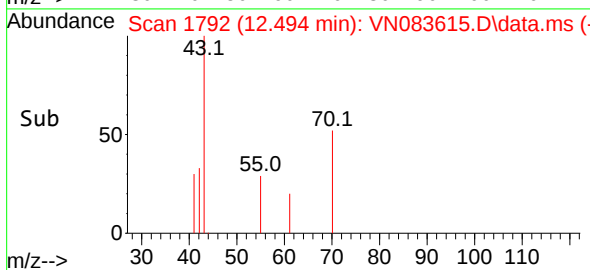
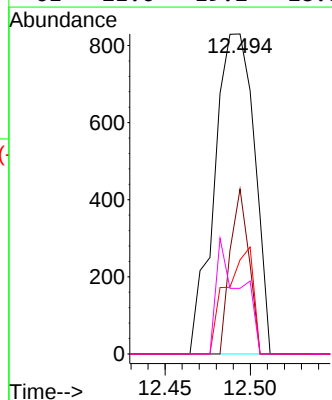
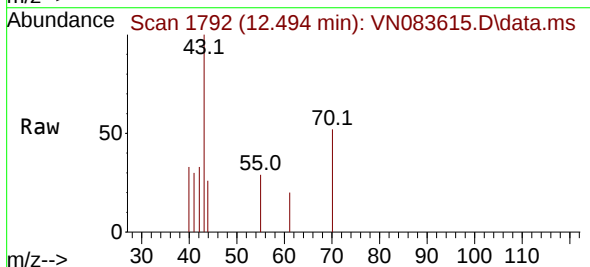
Instrument :
MSVOA_N
ClientSampleId :

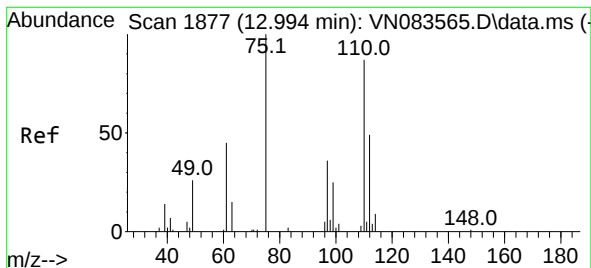
Tgt Ion:105 Resp: 2976
Ion Ratio Lower Upper
105 100
120 26.9 12.6 37.8



#74
N-ethyl acetate
Concen: 0.308 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion: 43 Resp: 1356
Ion Ratio Lower Upper
43 100
70 24.1 34.5 51.7#
55 22.6 18.6 28.0
61 21.6 19.2 28.8





#76

1,2,3-Trichloropropane

Concen: 27.379 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083615.D

Acq: 03 Sep 2024 10:17

Instrument :

MSVOA_N

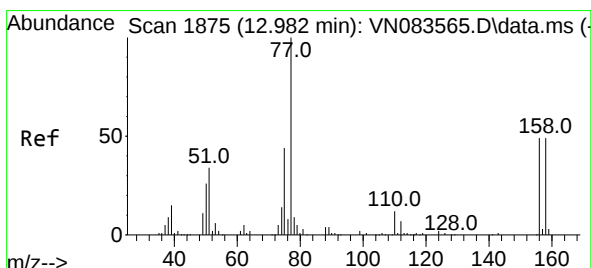
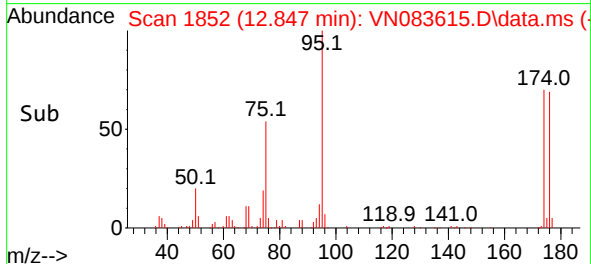
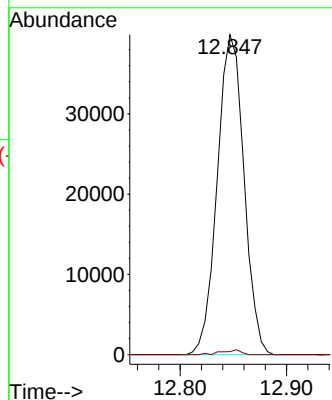
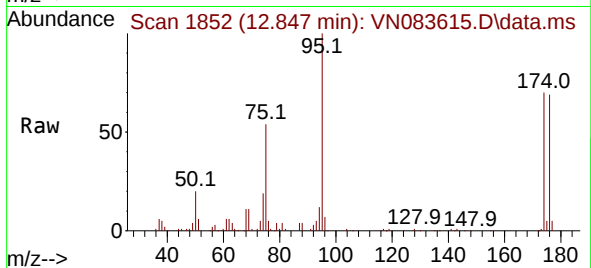
ClientSampleId :

Tgt Ion: 75 Resp: 69363

Ion Ratio Lower Upper

75 100

77 1.1 95.2 285.6#



#77

Bromobenzene

Concen: 0.824 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN083615.D

Acq: 03 Sep 2024 10:17

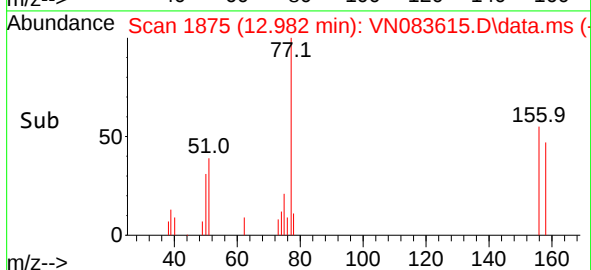
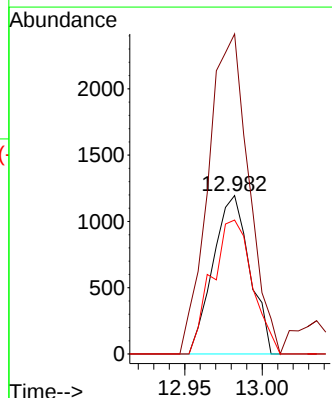
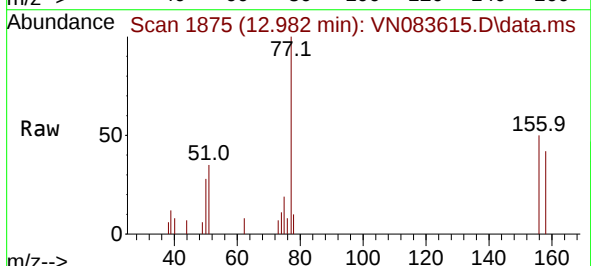
Tgt Ion:156 Resp: 1964

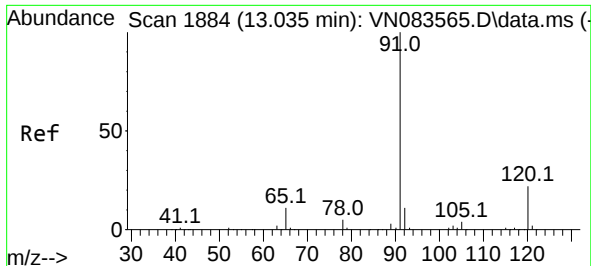
Ion Ratio Lower Upper

156 100

77 223.5 114.3 343.1

158 93.1 48.9 146.7

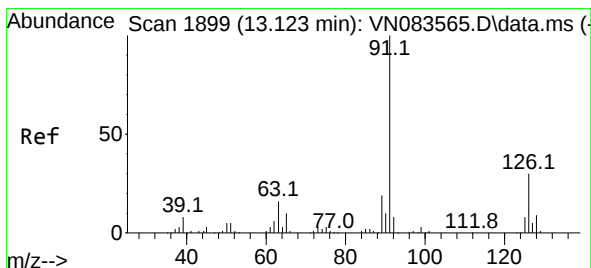
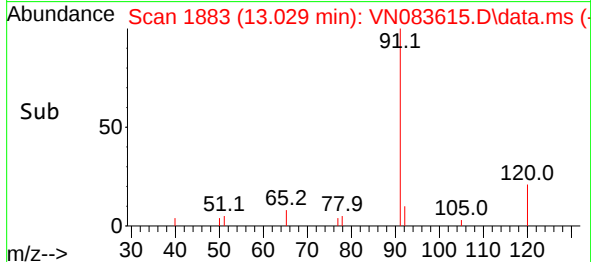
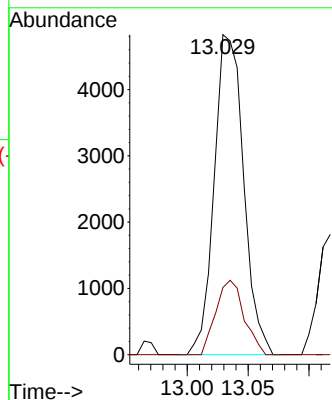
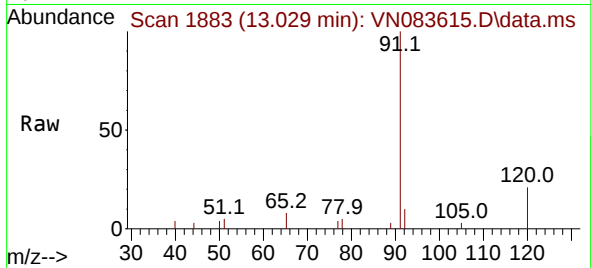




#78
n-propylbenzene
Concen: 0.689 ug/l
RT: 13.029 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

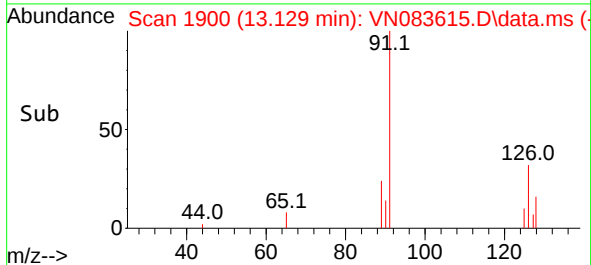
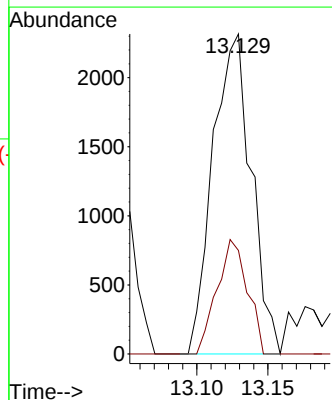
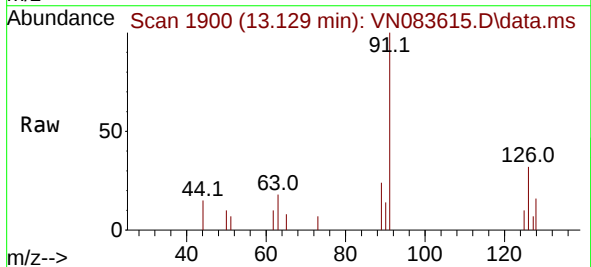
Instrument :
MSVOA_N
ClientSampleId :

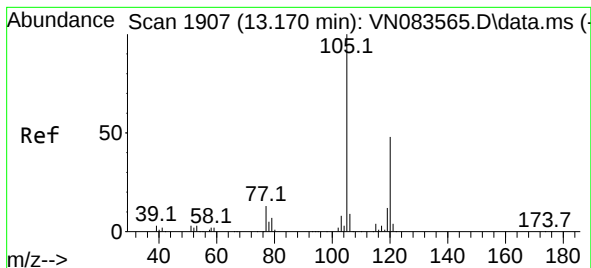
Tgt Ion: 91 Resp: 8094
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0



#79
2-Chlorotoluene
Concen: 0.573 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion: 91 Resp: 4357
Ion Ratio Lower Upper
91 100
126 28.3 15.4 46.2





#80

1,3,5-Trimethylbenzene

Concen: 0.394 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN083615.D

Acq: 03 Sep 2024 10:17

Instrument :

MSVOA_N

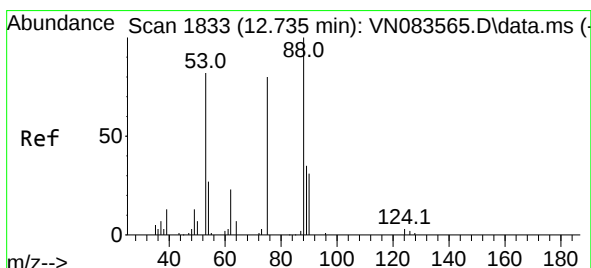
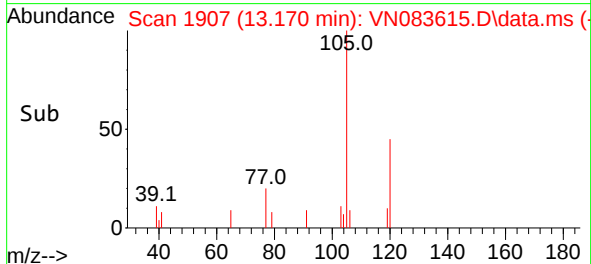
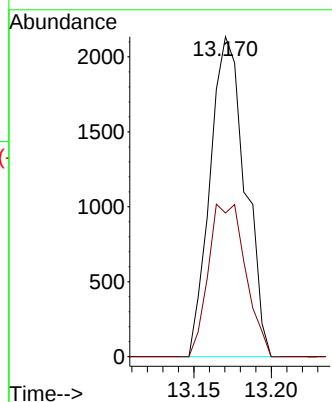
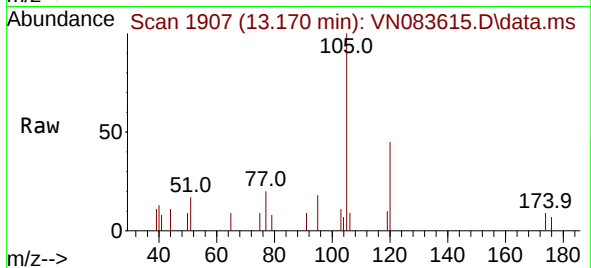
ClientSampleId :

Tgt Ion:105 Resp: 3368

Ion Ratio Lower Upper

105 100

120 50.4 23.4 70.3



#81

trans-1,4-Dichloro-2-butene

Concen: 64.577 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083615.D

Acq: 03 Sep 2024 10:17

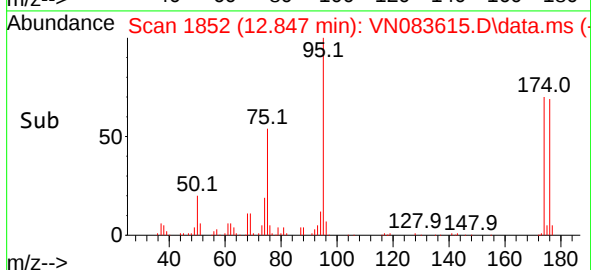
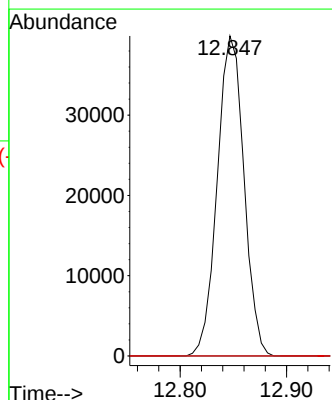
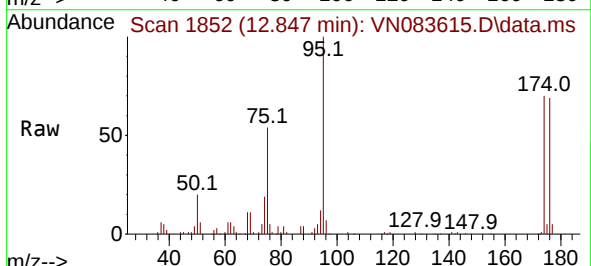
Tgt Ion: 75 Resp: 69363

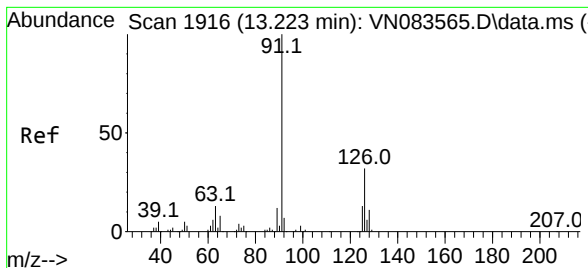
Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

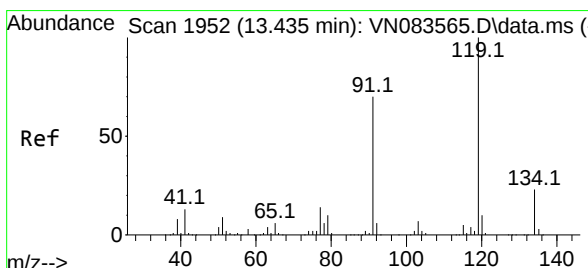
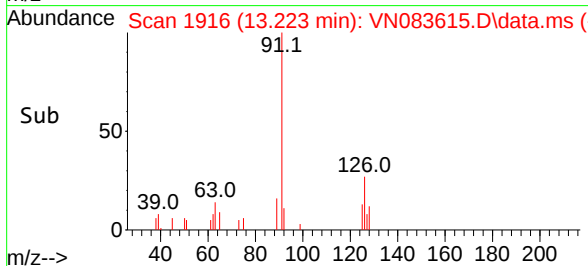
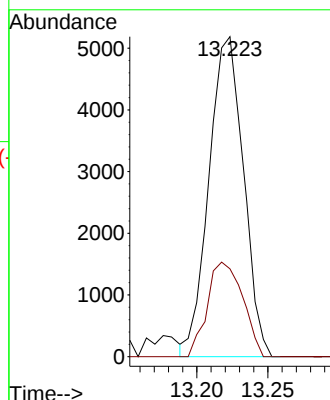
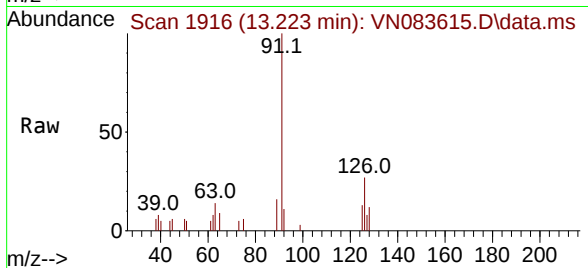




#82
4-Chlorotoluene
Concen: 1.135 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

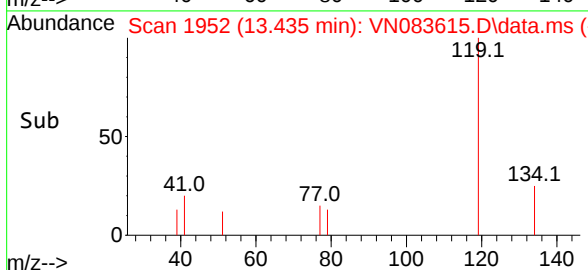
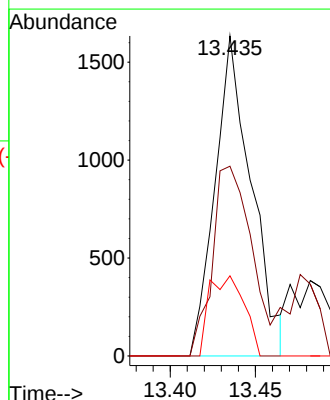
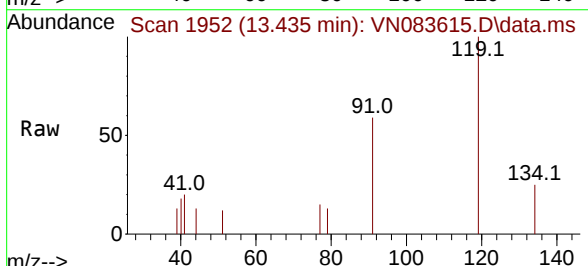
Instrument :
MSVOA_N
ClientSampleId :

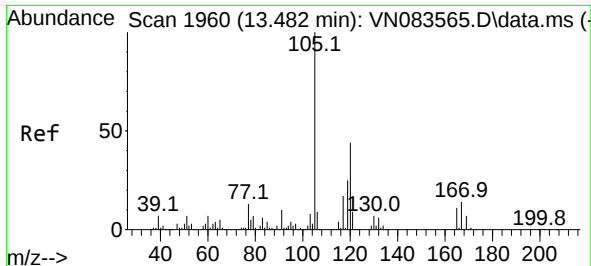
Tgt Ion: 91 Resp: 8772
Ion Ratio Lower Upper
91 100
126 30.3 15.4 46.2



#83
tert-Butylbenzene
Concen: 0.318 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion: 119 Resp: 2420
Ion Ratio Lower Upper
119 100
91 63.6 34.5 103.6
134 24.0 12.8 38.4

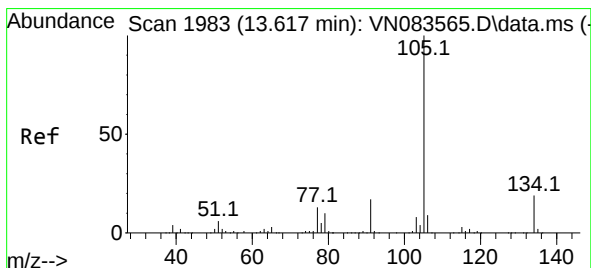
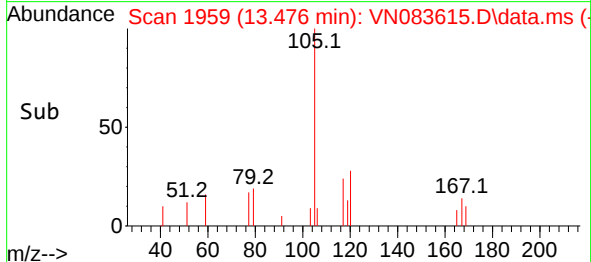
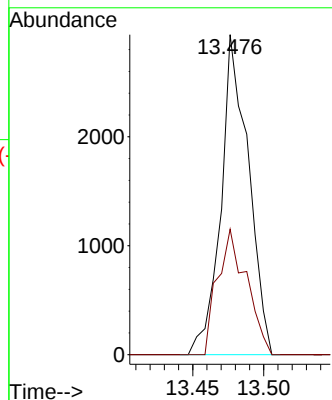
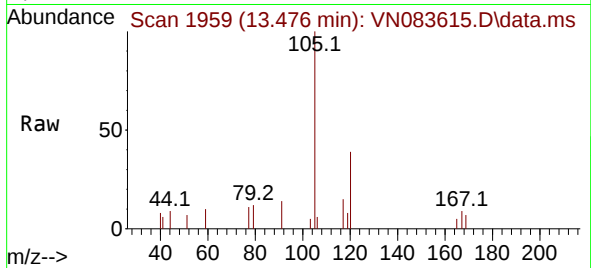




#84
1,2,4-Trimethylbenzene
Concen: 0.458 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

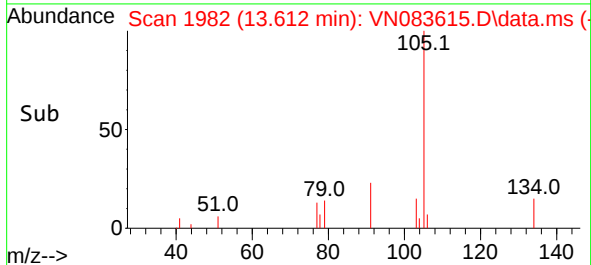
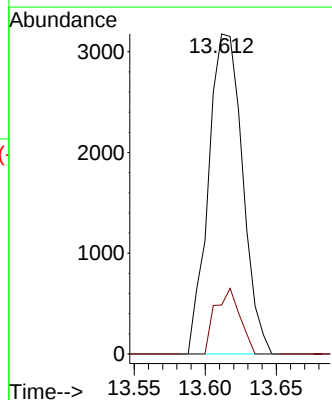
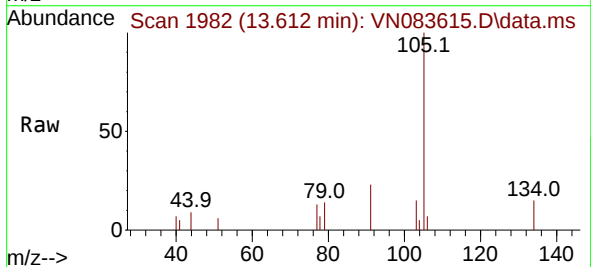
Instrument :
MSVOA_N
ClientSampleId :

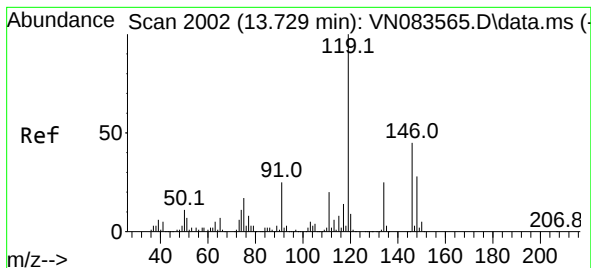
Tgt Ion:105 Resp: 3947
Ion Ratio Lower Upper
105 100
120 41.4 21.8 65.4



#85
sec-Butylbenzene
Concen: 0.525 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion:105 Resp: 5303
Ion Ratio Lower Upper
105 100
134 14.8 9.7 29.1





#86

p-Isopropyltoluene

Concen: 0.612 ug/l

RT: 13.723 min Scan# 2000

Delta R.T. -0.006 min

Lab File: VN083615.D

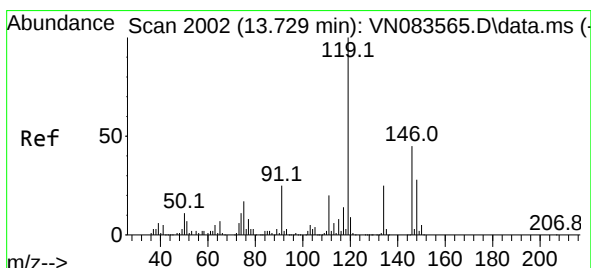
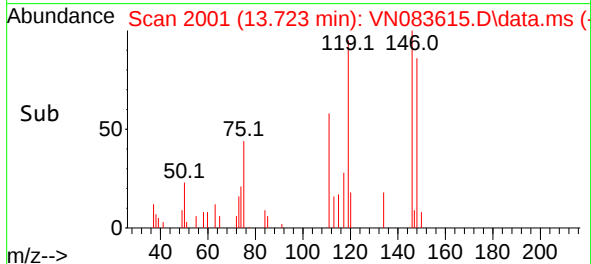
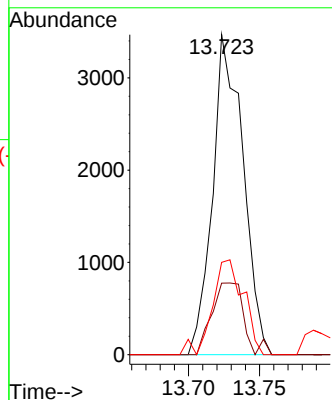
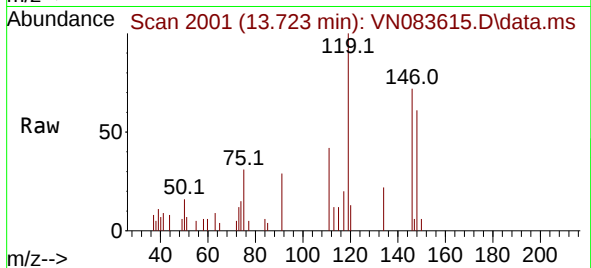
Acq: 03 Sep 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	119	Resp:	5167
Ion	Ratio	Lower	Upper
119	100		
134	23.7	12.8	38.3
91	30.4	12.9	38.7



#87

1,3-Dichlorobenzene

Concen: 1.262 ug/l

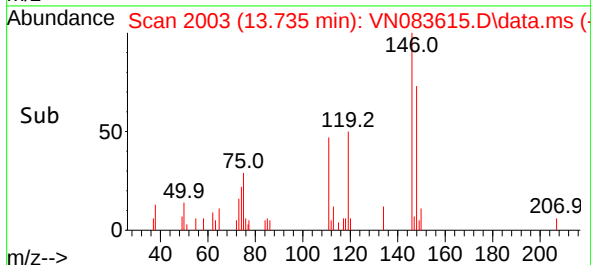
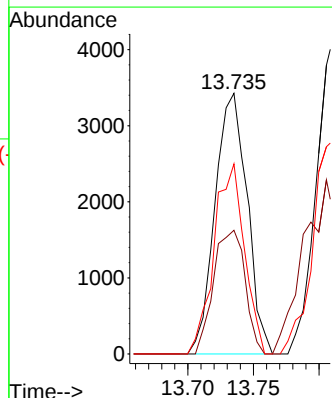
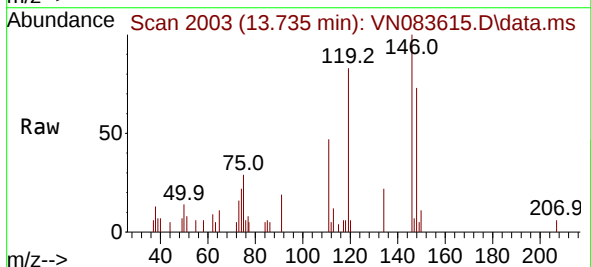
RT: 13.735 min Scan# 2003

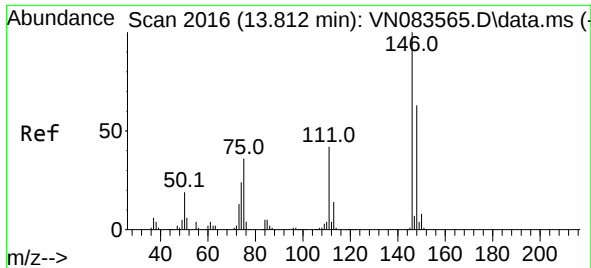
Delta R.T. 0.006 min

Lab File: VN083615.D

Acq: 03 Sep 2024 10:17

Tgt Ion:	146	Resp:	5838
Ion	Ratio	Lower	Upper
146	100		
111	46.5	21.7	65.1
148	69.0	31.7	95.1

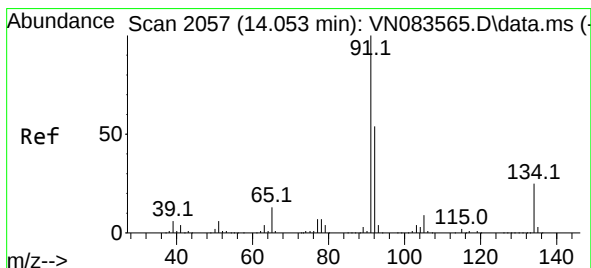
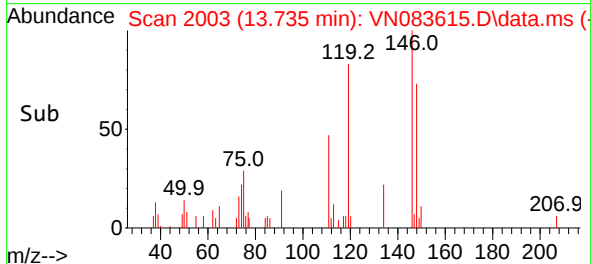
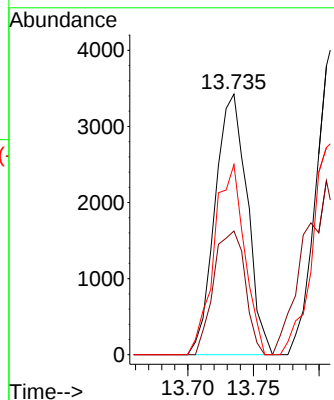
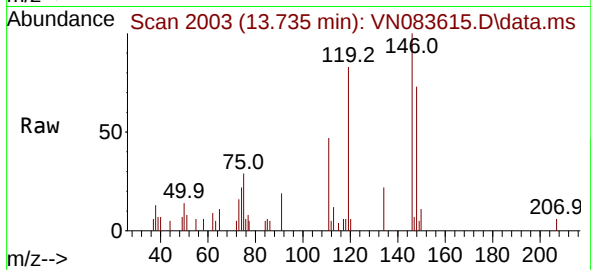




#88
1,4-Dichlorobenzene
Concen: 1.228 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.076 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

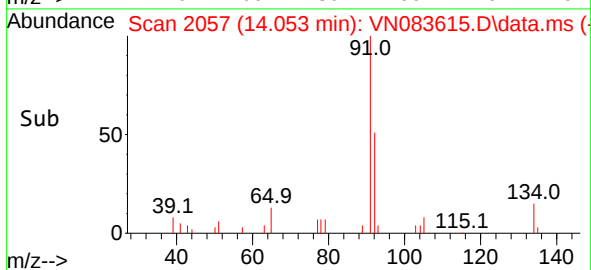
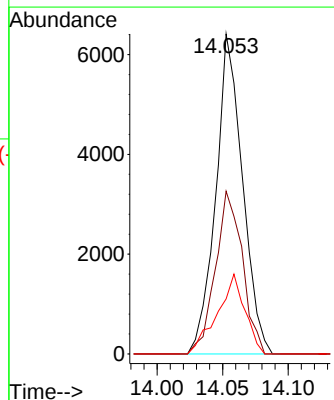
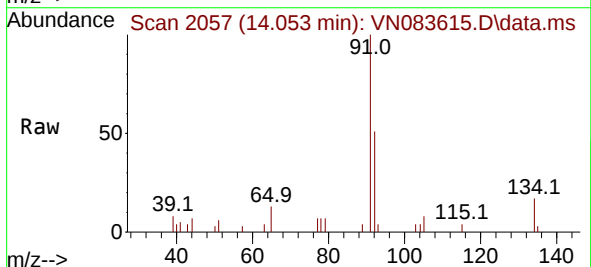
Instrument :
MSVOA_N
ClientSampleId :

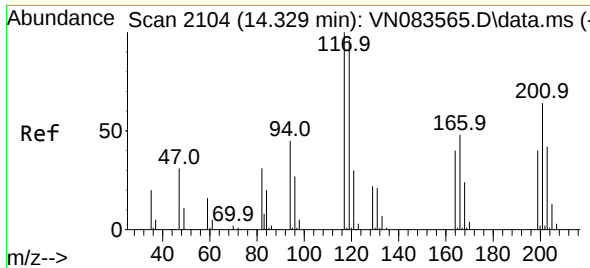
Tgt Ion:146 Resp: 5838
Ion Ratio Lower Upper
146 100
111 46.5 21.3 64.0
148 69.0 32.0 96.2



#89
n-Butylbenzene
Concen: 1.223 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion: 91 Resp: 9087
Ion Ratio Lower Upper
91 100
92 51.3 26.7 80.1
134 25.9 12.2 36.4

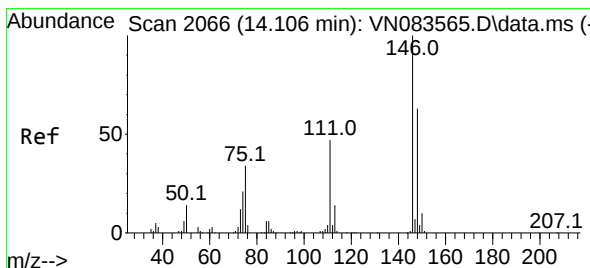
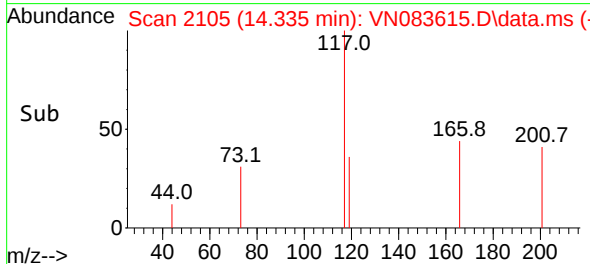
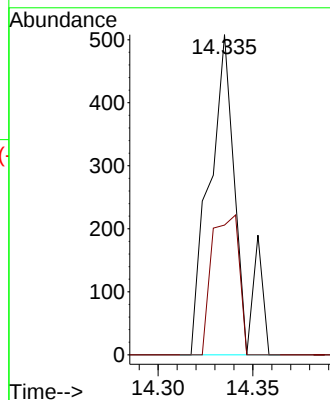
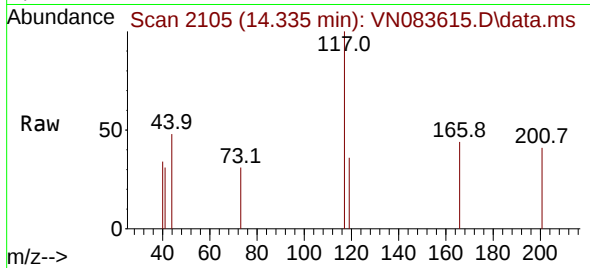




#90
Hexachloroethane
Concen: 0.317 ug/l
RT: 14.335 min Scan# 2104
Delta R.T. 0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

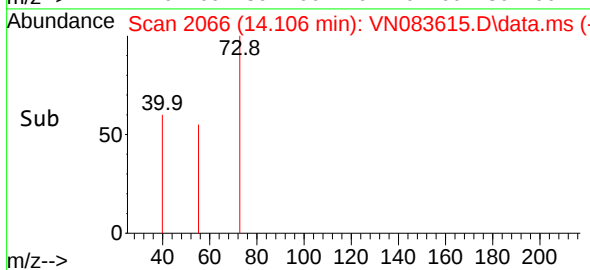
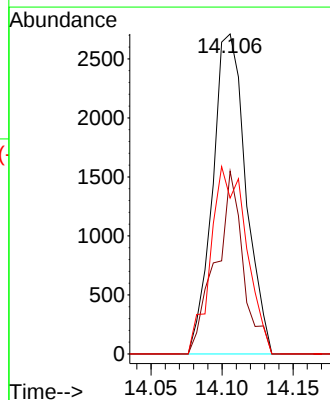
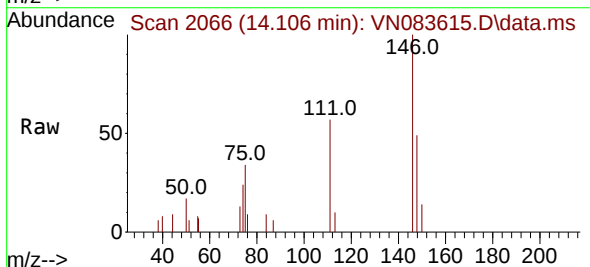
Instrument :
MSVOA_N
ClientSampleId :

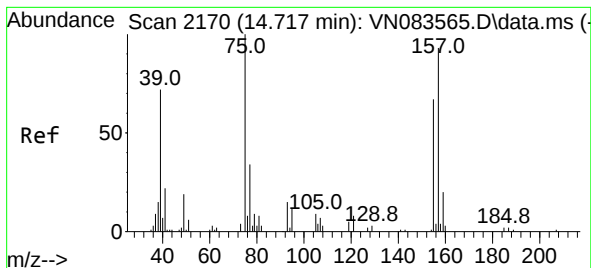
Tgt Ion:117 Resp: 521
Ion Ratio Lower Upper
117 100
201 42.6 32.8 98.3



#91
1,2-Dichlorobenzene
Concen: 0.990 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Tgt Ion:146 Resp: 4409
Ion Ratio Lower Upper
146 100
111 47.4 22.8 68.3
148 62.6 32.1 96.5

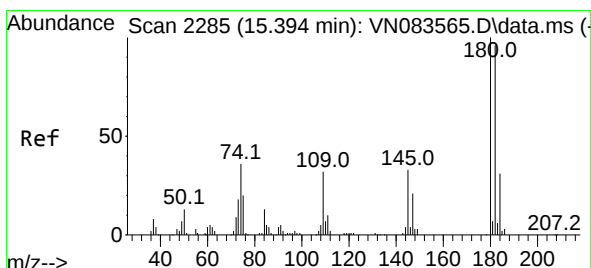
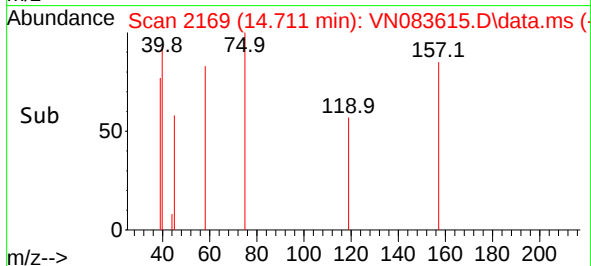
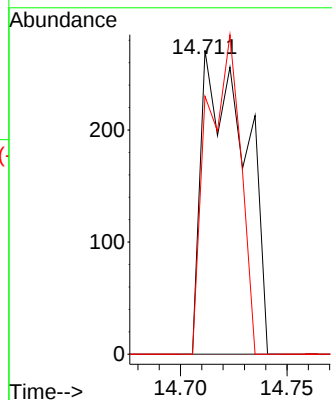
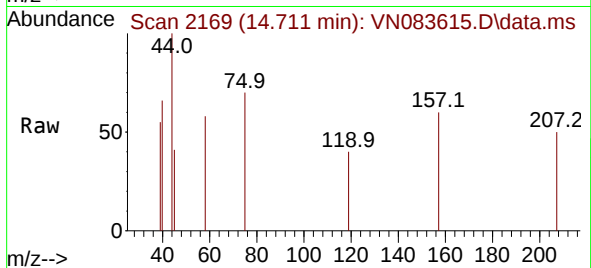




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.622 ug/l
 RT: 14.711 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VN083615.D
 Acq: 03 Sep 2024 10:17

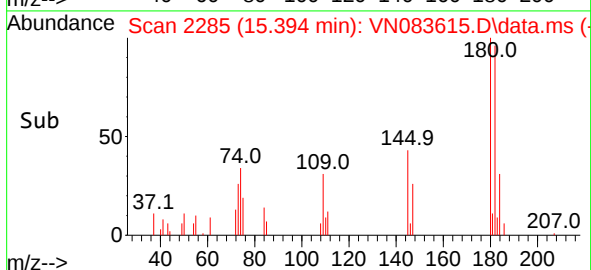
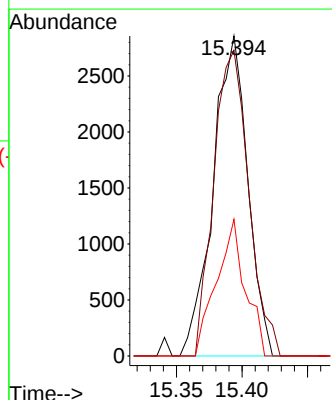
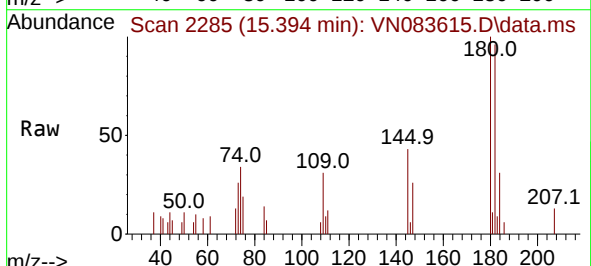
Instrument :
 MSVOA_N
 ClientSampleId :

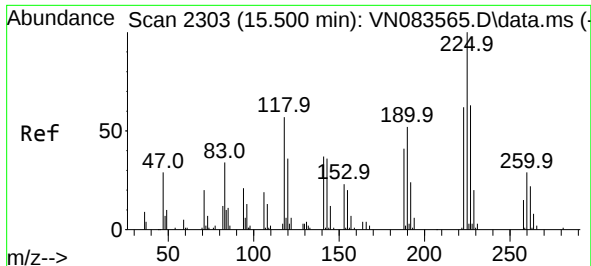
Tgt Ion: 75 Resp: 389
 Ion Ratio Lower Upper
 75 100
 155 0.0 35.9 107.7#
 157 79.4 47.5 142.5



#93
 1,2,4-Trichlorobenzene
 Concen: 2.078 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN083615.D
 Acq: 03 Sep 2024 10:17

Tgt Ion: 180 Resp: 5249
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.1 144.3
 145 35.5 16.9 50.7

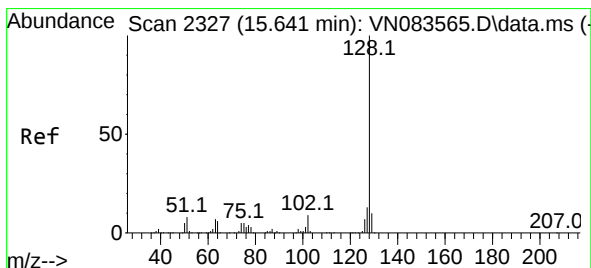
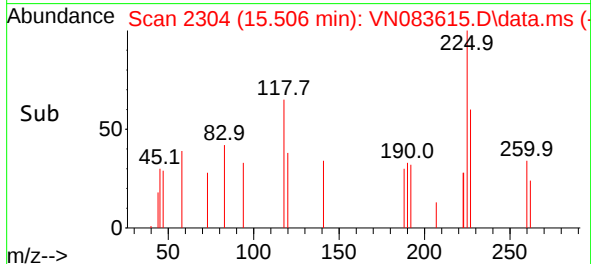
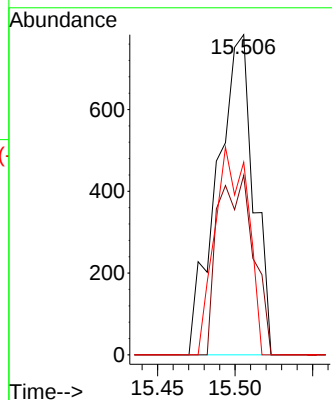
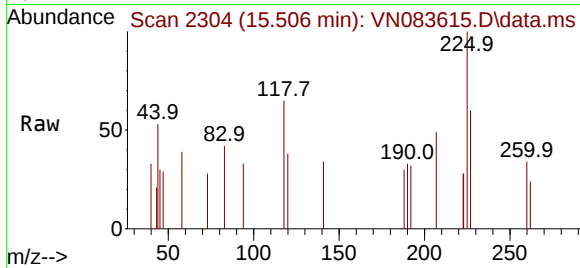




#94
Hexachlorobutadiene
Concen: 1.274 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

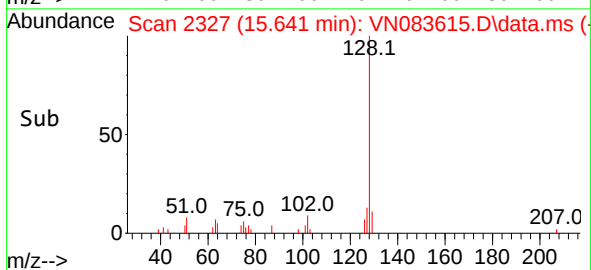
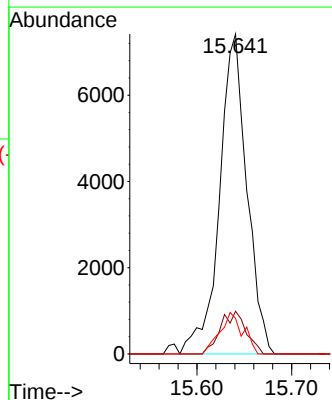
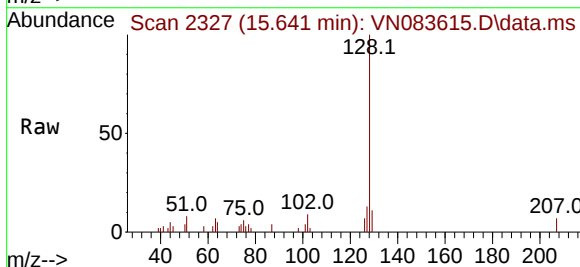
Instrument :
MSVOA_N
ClientSampleId :

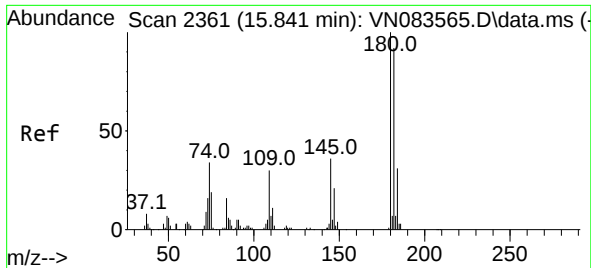
Tgt Ion:225 Resp: 1289
Ion Ratio Lower Upper
225 100
223 54.7 31.9 95.5
227 58.7 32.0 96.2



#95
Naphthalene
Concen: 1.837 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

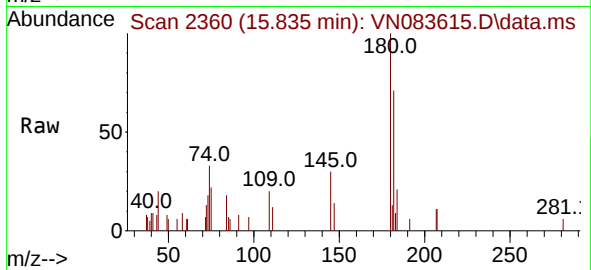
Tgt Ion:128 Resp: 14911
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.0 8.7 13.1





#96
1,2,3-Trichlorobenzene
Concen: 1.909 ug/l
RT: 15.835 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083615.D
Acq: 03 Sep 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	180	Resp:	4817
Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.1	141.4
145	34.4	17.8	53.5

