

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083683.D
 Acq On : 05 Sep 2024 18:15
 Operator : JC\MD
 Sample : P3827-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 02:21:26 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)

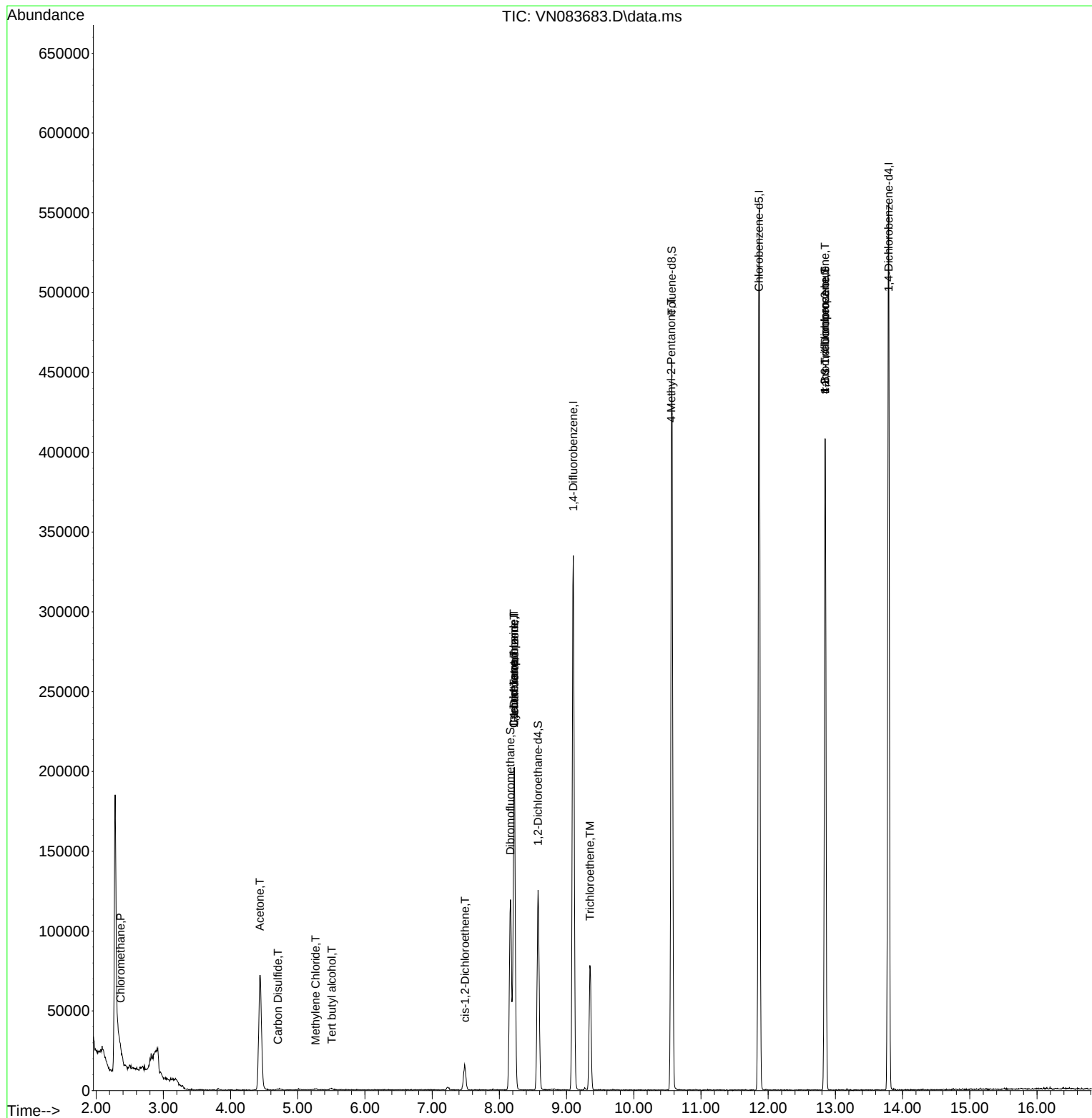
Internal Standards						
1) Pentafluorobenzene	8.224	168	136331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105853	55.555	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.120%		
35) Dibromofluoromethane	8.165	113	84903	50.507	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.020%		
50) Toluene-d8	10.565	98	302776	46.286	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 92.580%		
62) 4-Bromofluorobenzene	12.847	95	143294	59.090	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 118.180%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1814	1.079	ug/l #	71
11) Tert butyl alcohol	5.506	59	534	1.797	ug/l #	71
16) Acetone	4.436	43	2269	2.986	ug/l #	86
17) Carbon Disulfide	4.706	76	1001	0.230	ug/l #	75
20) Methylene Chloride	5.265	84	344	0.205	ug/l #	62
27) cis-1,2-Dichloroethene	7.488	96	8826	4.754	ug/l	89
31) Cyclohexane	8.218	56	3806	1.291	ug/l #	14
36) 1,1-Dichloropropene	8.218	75	13008	5.073	ug/l #	50
38) Carbon Tetrachloride	8.218	117	16004	5.471	ug/l #	17
43) Isopropyl Acetate	8.694	43	121	Below Cal	#	57
44) Trichloroethene	9.347	130	27124	14.295	ug/l	98
51) 4-Methyl-2-Pentanone	10.559	43	1555	0.655	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	80086	27.869	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80086	65.732	ug/l #	9

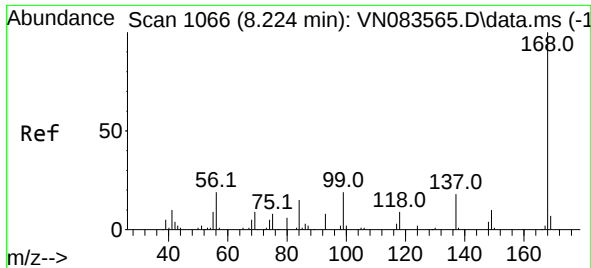
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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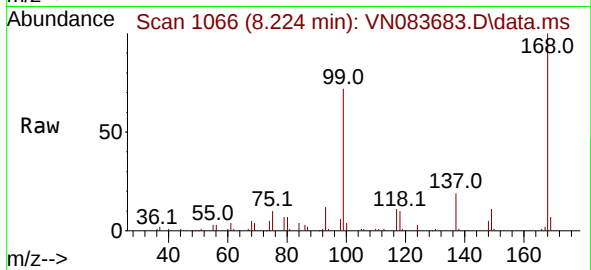
Quant Time: Sep 06 02:21:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
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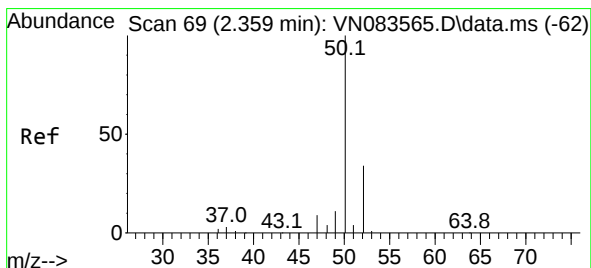
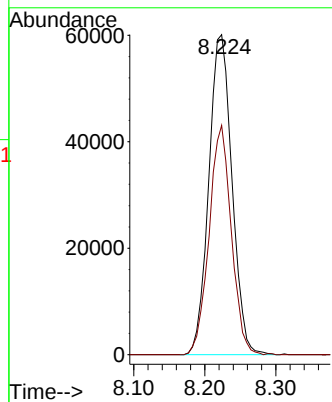
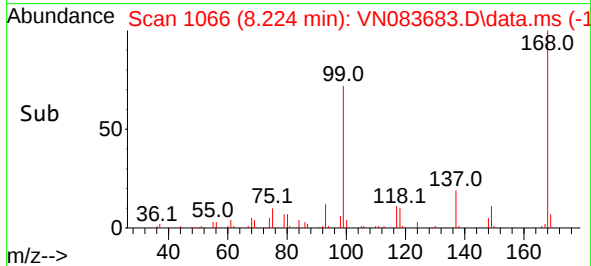


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083683.D
Acq: 05 Sep 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

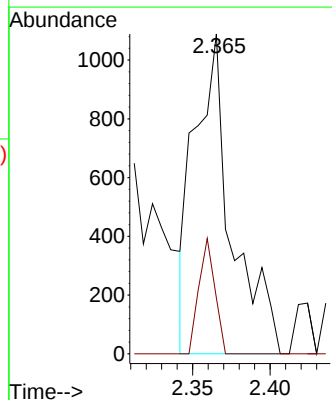
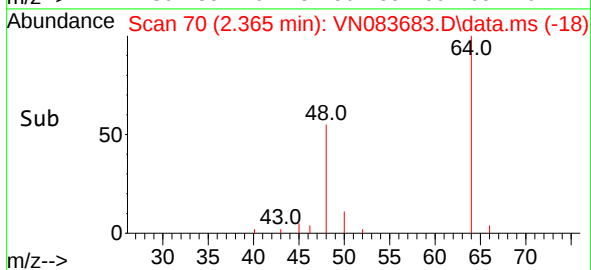
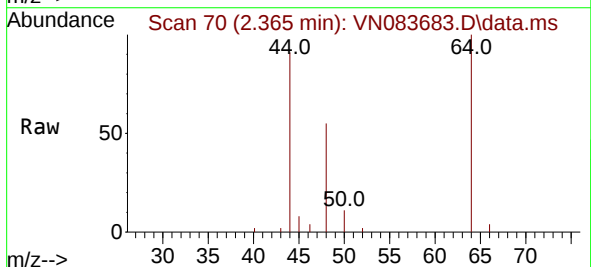


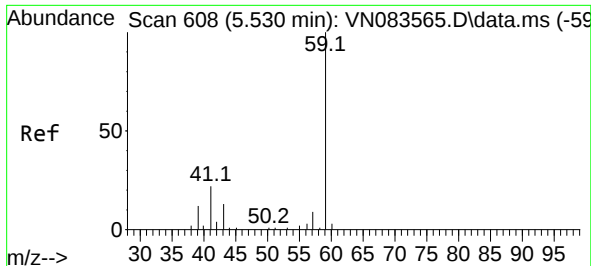
Tgt Ion:168 Resp: 136331
Ion Ratio Lower Upper
168 100
99 71.6 54.2 81.2



#3
Chloromethane
Concen: 1.079 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083683.D
Acq: 05 Sep 2024 18:15

Tgt Ion: 50 Resp: 1814
Ion Ratio Lower Upper
50 100
52 17.5 27.2 40.8#





#11

Tert butyl alcohol

Concen: 1.797 ug/l

RT: 5.506 min Scan# 608

Delta R.T. -0.023 min

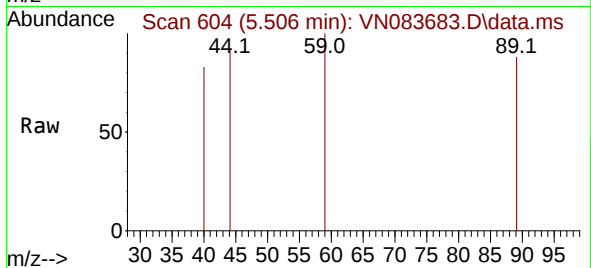
Lab File: VN083683.D

Acq: 05 Sep 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

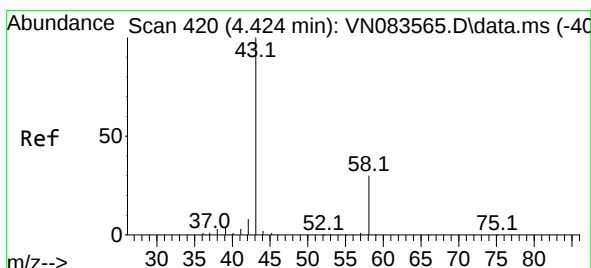
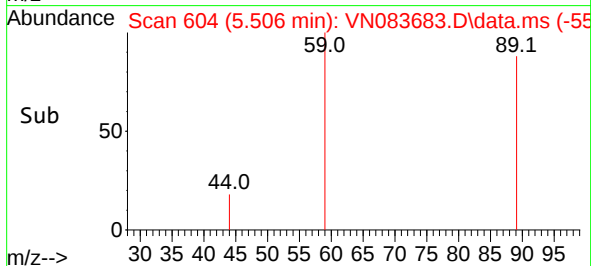
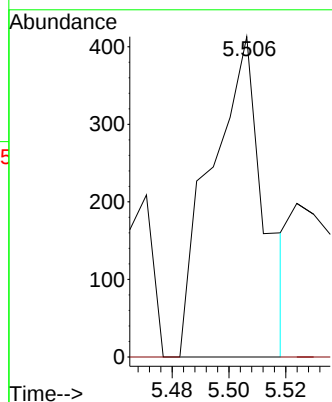


Tgt Ion: 59 Resp: 534

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#16

Acetone

Concen: 2.986 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN083683.D

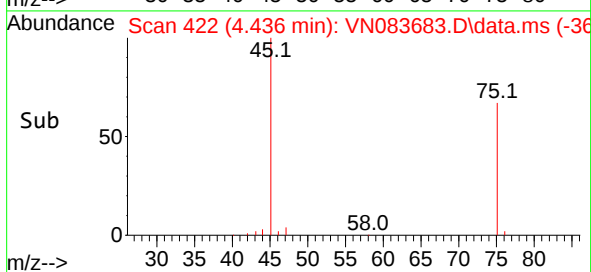
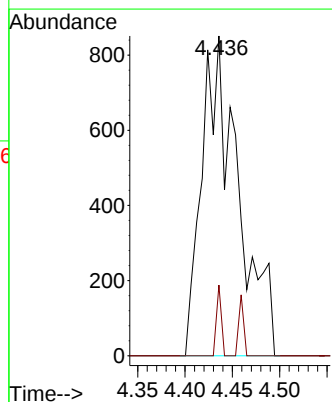
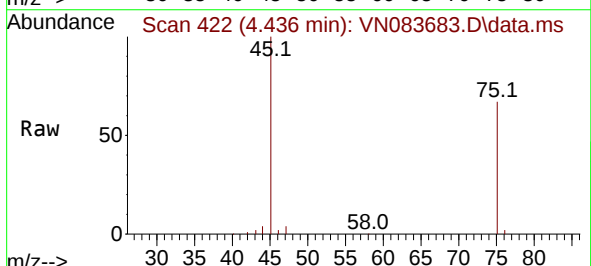
Acq: 05 Sep 2024 18:15

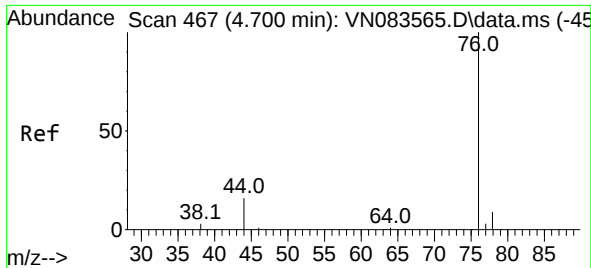
Tgt Ion: 43 Resp: 2269

Ion Ratio Lower Upper

43 100

58 22.1 23.7 35.5#





#17

Carbon Disulfide

Concen: 0.230 ug/l

RT: 4.706 min Scan# 4

Delta R.T. 0.006 min

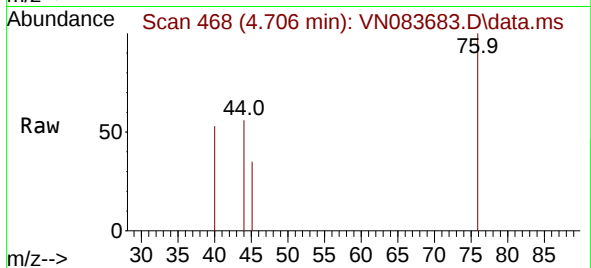
Lab File: VN083683.D

Acq: 05 Sep 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

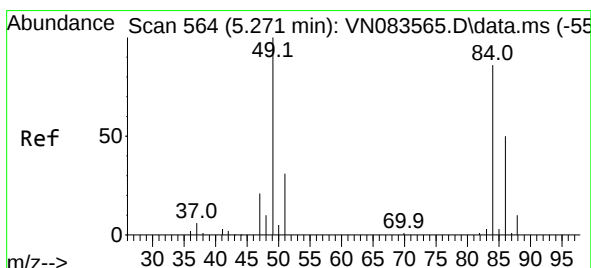
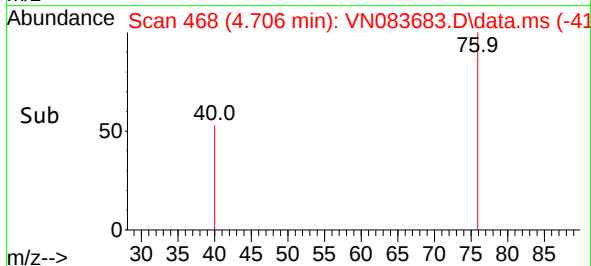
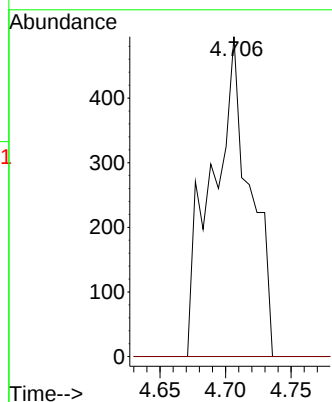


Tgt Ion: 76 Resp: 1001

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



#20

Methylene Chloride

Concen: 0.205 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.006 min

Lab File: VN083683.D

Acq: 05 Sep 2024 18:15

Tgt Ion: 84 Resp: 344

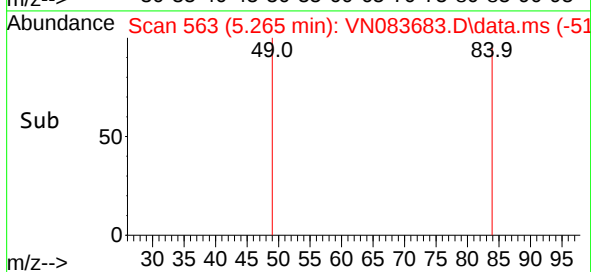
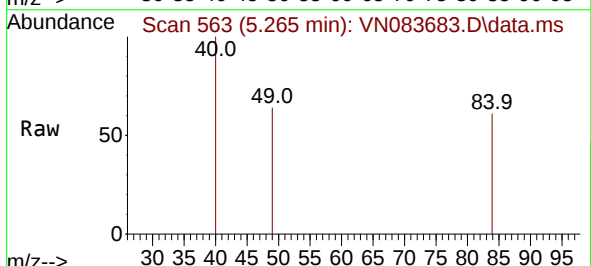
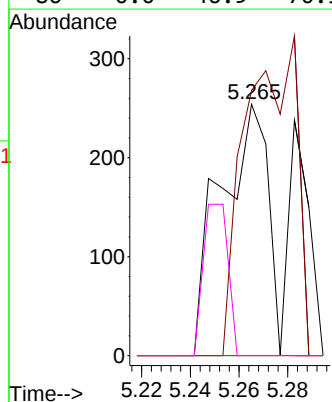
Ion Ratio Lower Upper

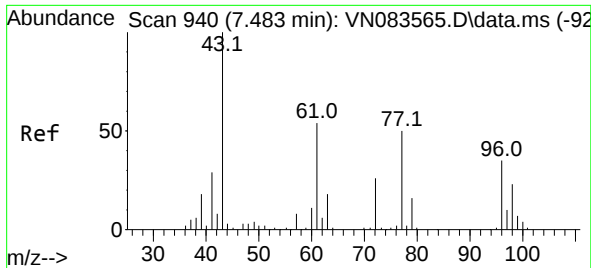
84 100

49 105.5 93.4 140.0

51 0.0 29.2 43.8#

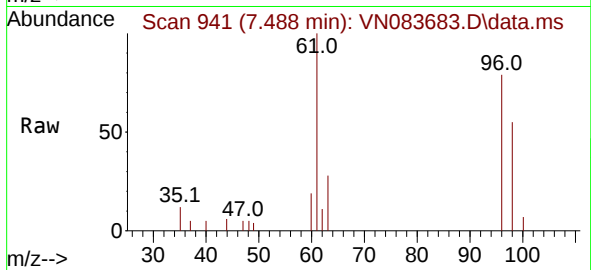
86 0.0 46.9 70.3#



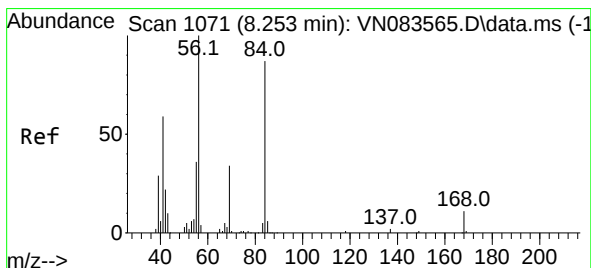
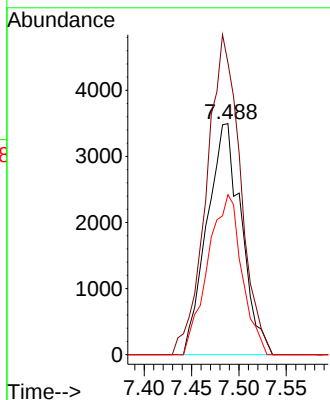
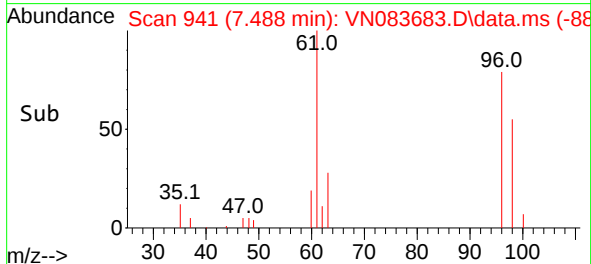


#27
 cis-1,2-Dichloroethene
 Concen: 4.754 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083683.D
 Acq: 05 Sep 2024 18:15

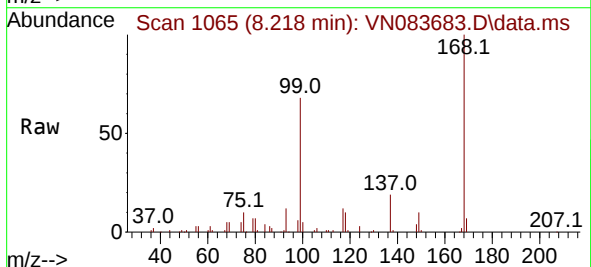
Instrument :
 MSVOA_N
 ClientSampleId :



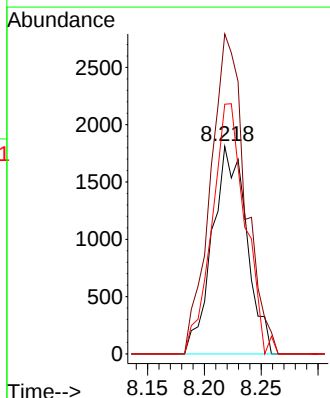
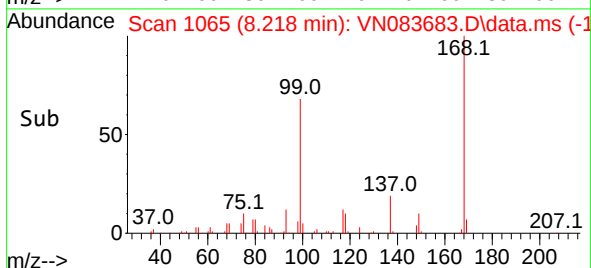
Tgt Ion: 96	Resp: 8826
Ion Ratio	Lower Upper
96 100	
61 136.1	0.0 306.2
98 68.5	0.0 128.6

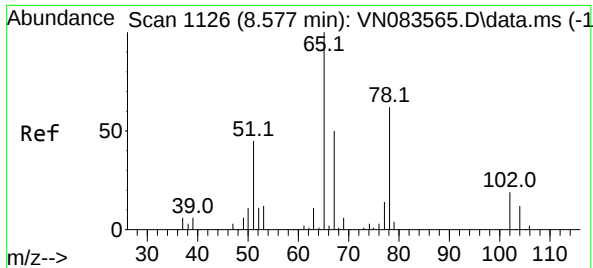


#31
 Cyclohexane
 Concen: 1.291 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.035 min
 Lab File: VN083683.D
 Acq: 05 Sep 2024 18:15



Tgt Ion: 56	Resp: 3806
Ion Ratio	Lower Upper
56 100	
69 154.2	26.9 40.3#
84 120.3	69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 55.555 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083683.D

Acq: 05 Sep 2024 18:15

Instrument :

MSVOA_N

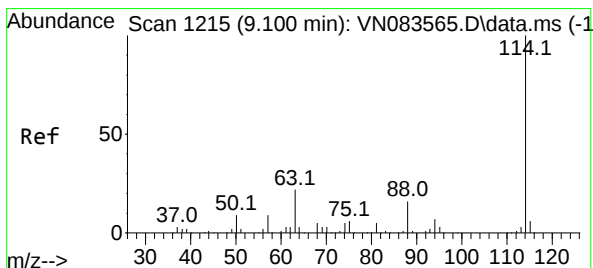
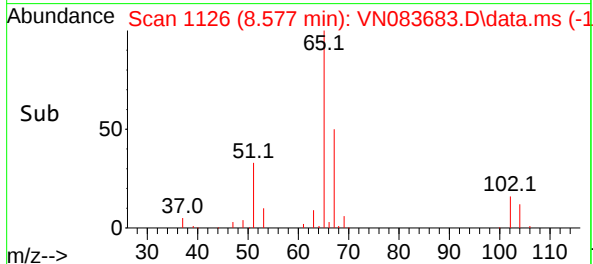
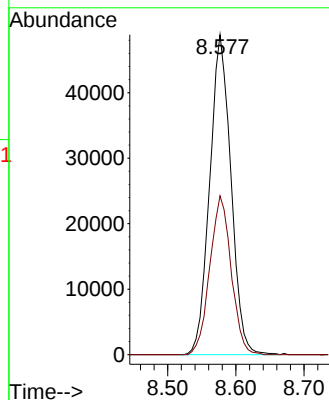
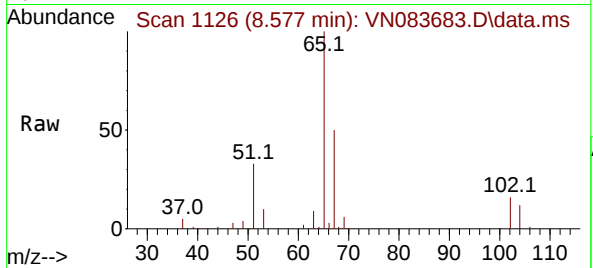
ClientSampleId :

Tgt Ion: 65 Resp: 105853

Ion Ratio Lower Upper

65 100

67 49.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083683.D

Acq: 05 Sep 2024 18:15

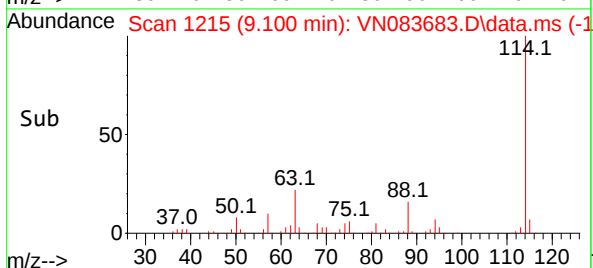
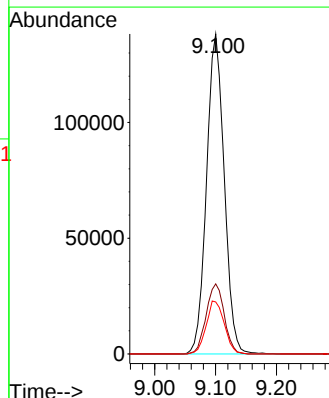
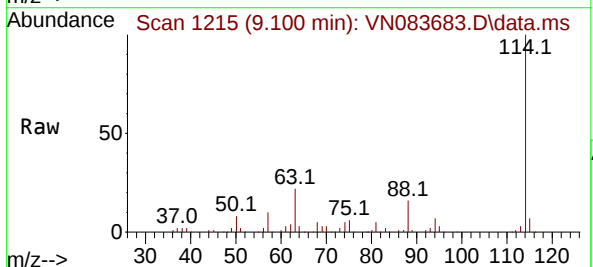
Tgt Ion: 114 Resp: 279296

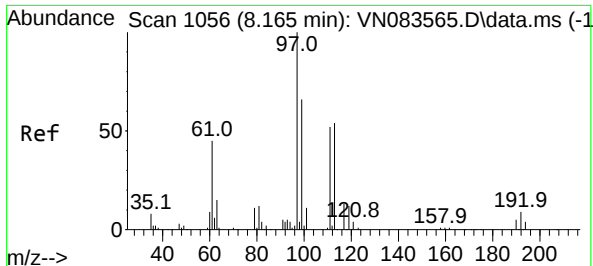
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 16.2 0.0 32.6

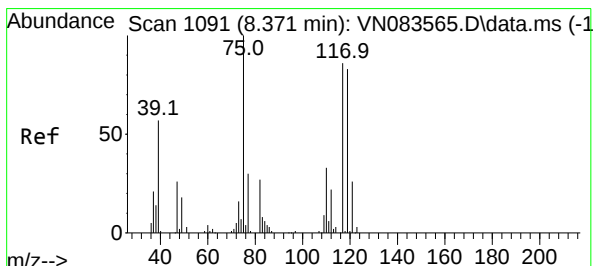
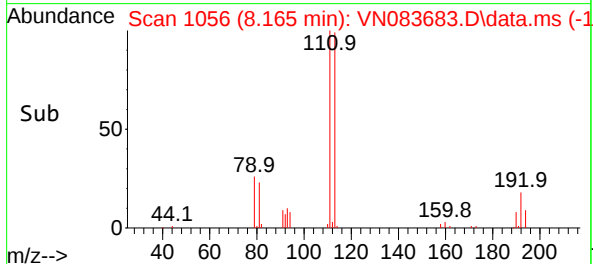
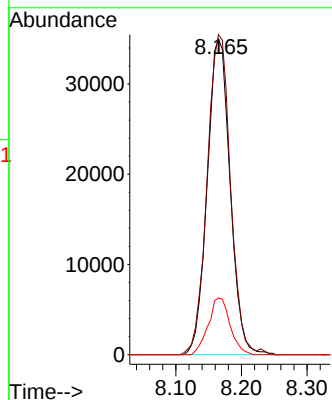
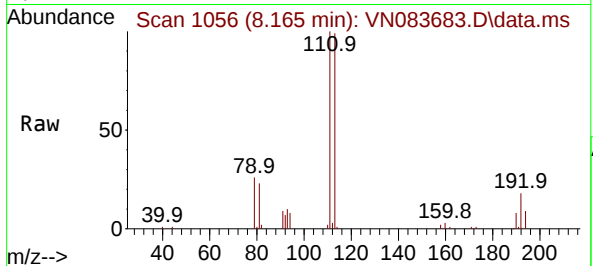




#35
Dibromofluoromethane
Concen: 50.507 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083683.D
Acq: 05 Sep 2024 18:15

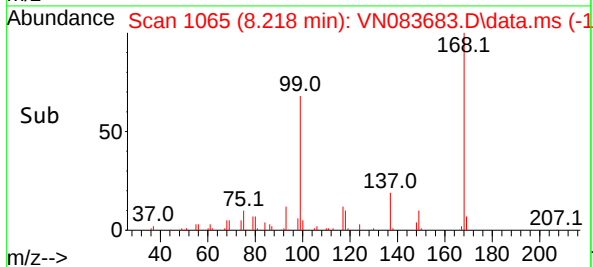
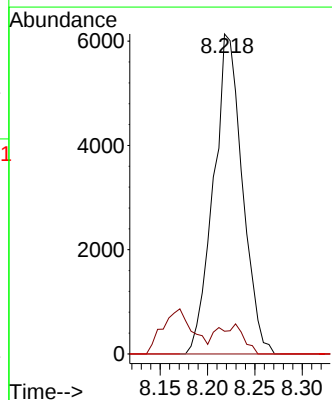
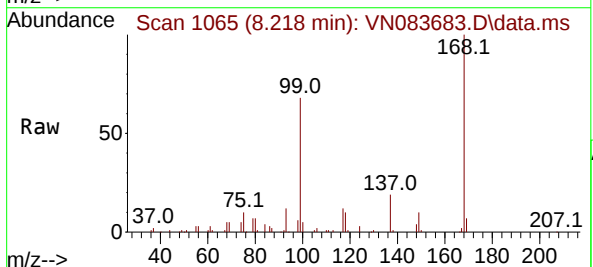
Instrument :
MSVOA_N
ClientSampleId :

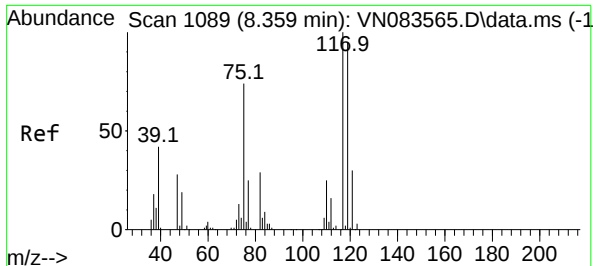
Tgt Ion: 113 Resp: 84903
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 17.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.073 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083683.D
Acq: 05 Sep 2024 18:15

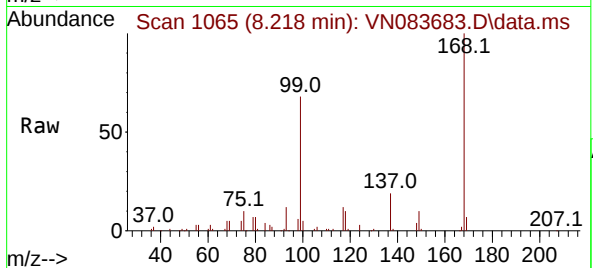
Tgt Ion: 75 Resp: 13008
Ion Ratio Lower Upper
75 100
110 8.5 16.7 50.1#
77 0.0 25.2 37.8#



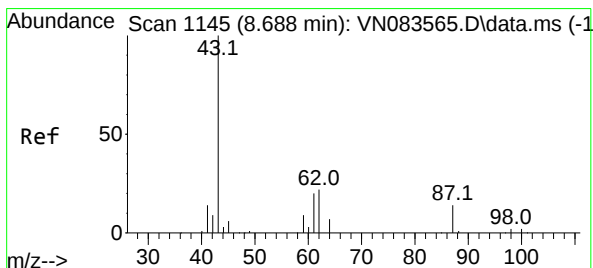
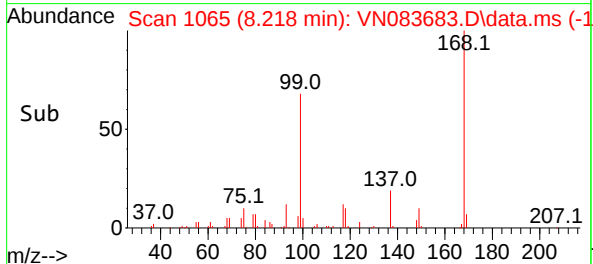
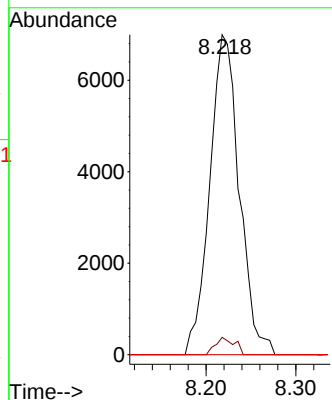


#38
Carbon Tetrachloride
Concen: 5.471 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN083683.D
Acq: 05 Sep 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

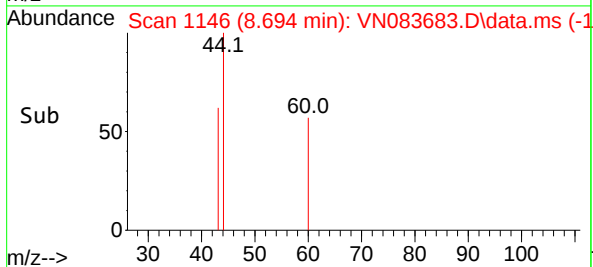
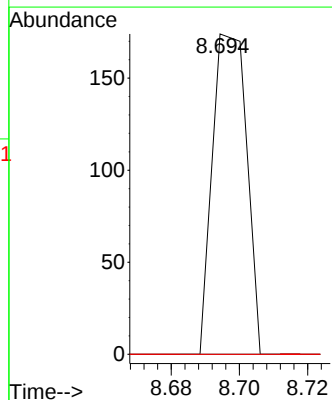
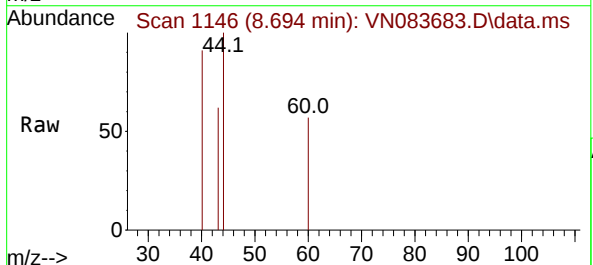


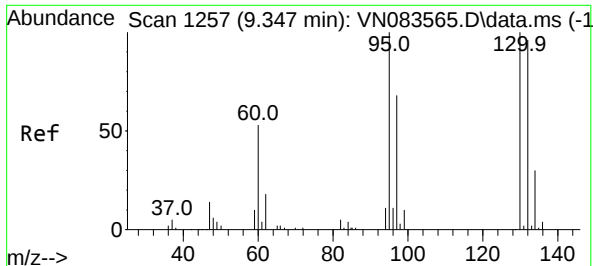
Tgt Ion:117 Resp: 16004
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083683.D
Acq: 05 Sep 2024 18:15

Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

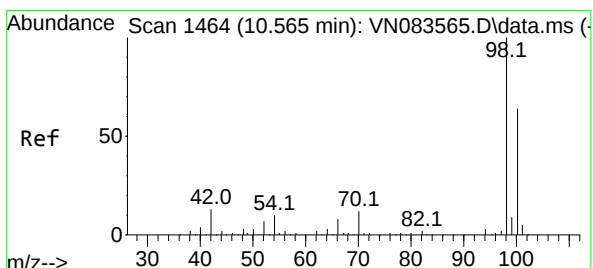
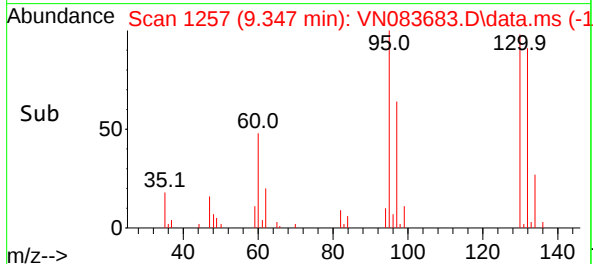
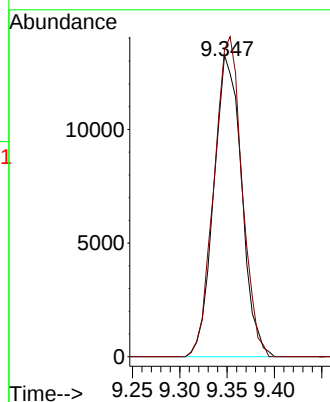
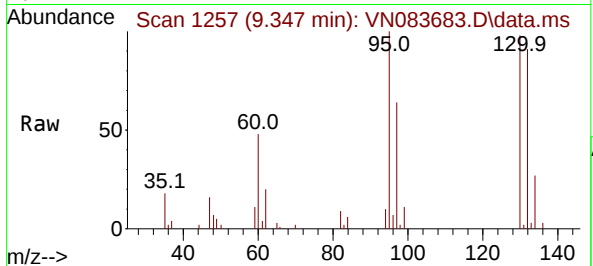




#44
Trichloroethene
Concen: 14.295 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083683.D
Acq: 05 Sep 2024 18:15

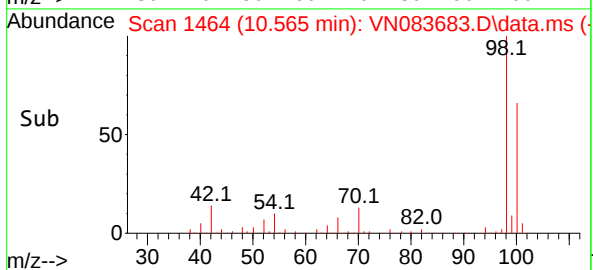
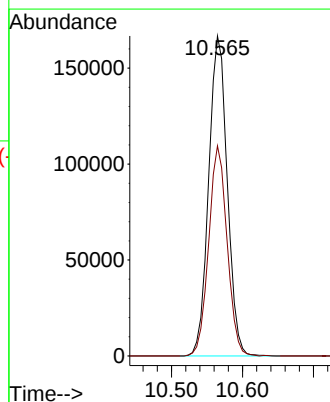
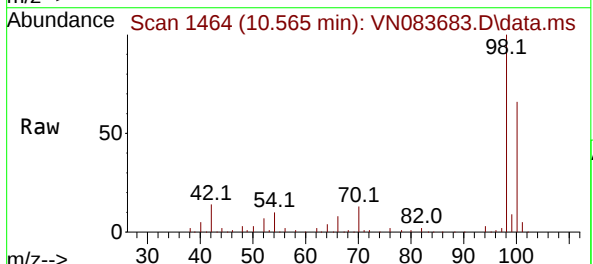
Instrument :
MSVOA_N
ClientSampleId :

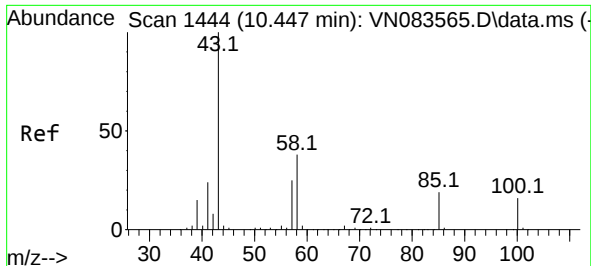
Tgt Ion:130 Resp: 27124
Ion Ratio Lower Upper
130 100
95 101.9 0.0 200.4



#50
Toluene-d8
Concen: 46.286 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083683.D
Acq: 05 Sep 2024 18:15

Tgt Ion: 98 Resp: 302776
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

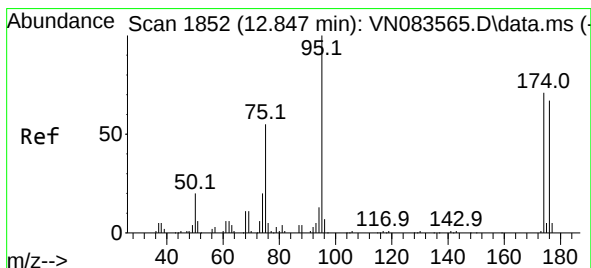
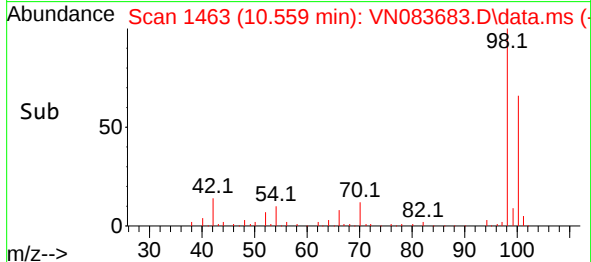
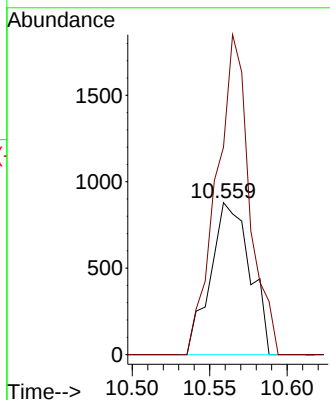
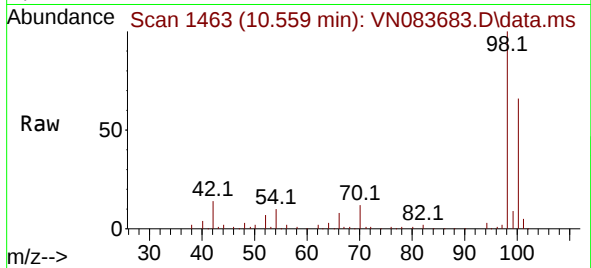




#51
 4-Methyl-2-Pentanone
 Concen: 0.655 ug/l
 RT: 10.559 min Scan# 1444
 Delta R.T. 0.112 min
 Lab File: VN083683.D
 Acq: 05 Sep 2024 18:15

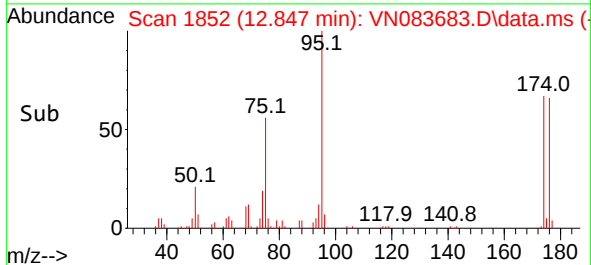
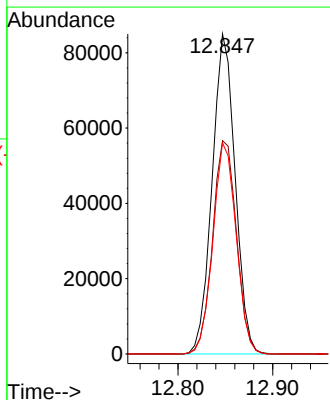
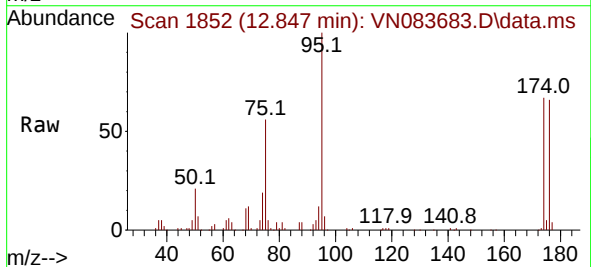
Instrument :
 MSVOA_N
 ClientSampleId :

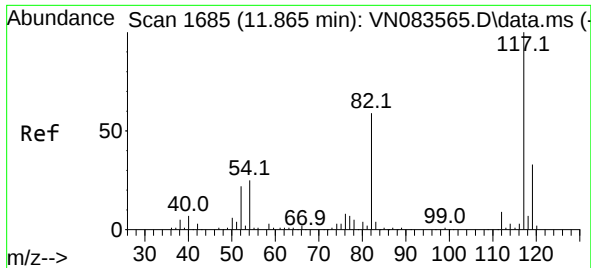
Tgt Ion: 43 Resp: 1555
 Ion Ratio Lower Upper
 43 100
 58 177.5 31.6 47.4#



#62
 4-Bromofluorobenzene
 Concen: 59.090 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN083683.D
 Acq: 05 Sep 2024 18:15

Tgt Ion: 95 Resp: 143294
 Ion Ratio Lower Upper
 95 100
 174 69.4 0.0 139.8
 176 66.8 0.0 131.4

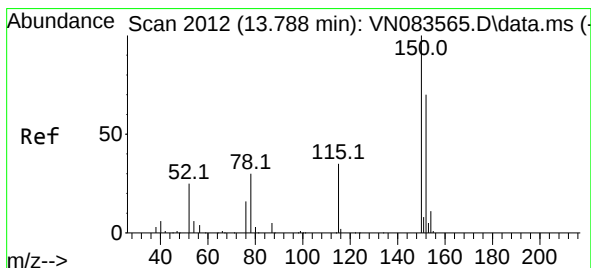
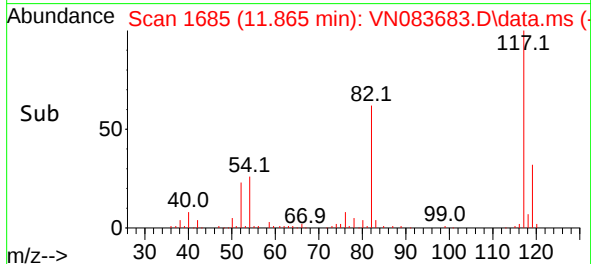
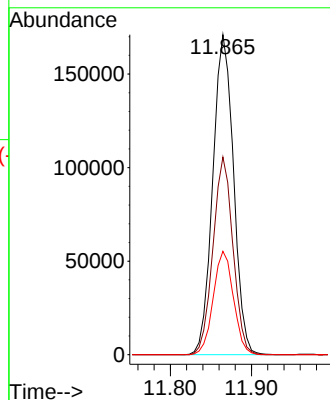
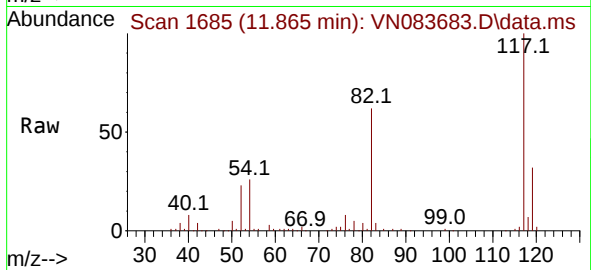




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083683.D
Acq: 05 Sep 2024 18:15

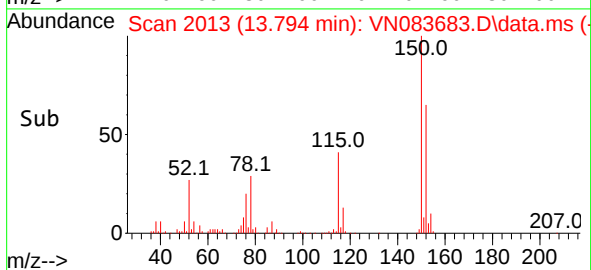
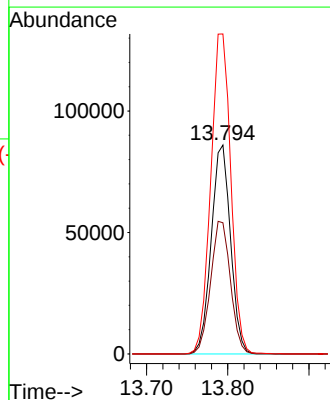
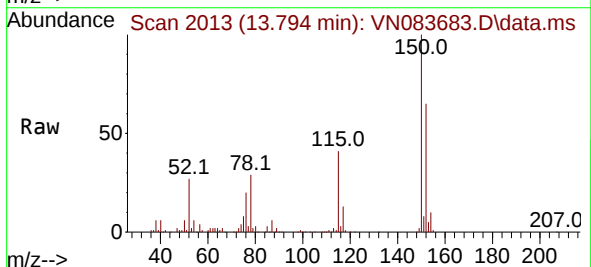
Instrument :
MSVOA_N
ClientSampleId :

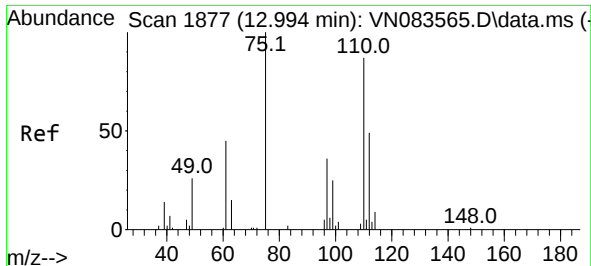
Tgt Ion:117 Resp: 303447
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083683.D
Acq: 05 Sep 2024 18:15

Tgt Ion:152 Resp: 142330
Ion Ratio Lower Upper
152 100
115 65.0 32.2 96.6
150 158.8 0.0 348.6

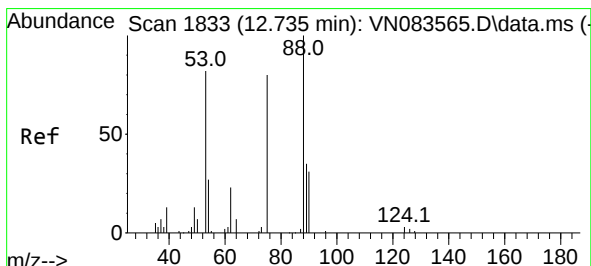
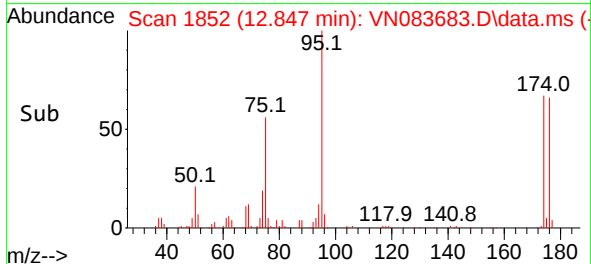
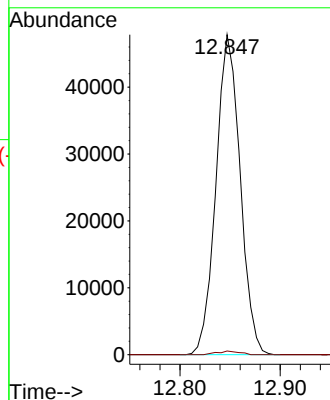
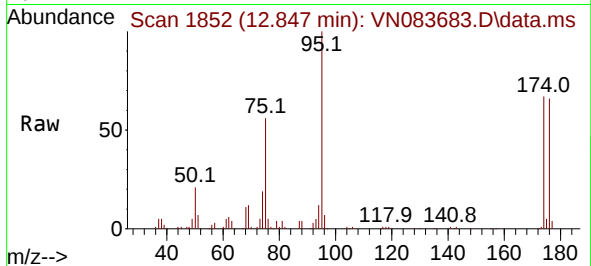




#76
1,2,3-Trichloropropane
Concen: 27.869 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083683.D
Acq: 05 Sep 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 80086
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.732 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083683.D
Acq: 05 Sep 2024 18:15

Tgt Ion: 75 Resp: 80086
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

