

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083675.D
 Acq On : 05 Sep 2024 15:02
 Operator : JC\MD
 Sample : P3815-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 02:18:09 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)

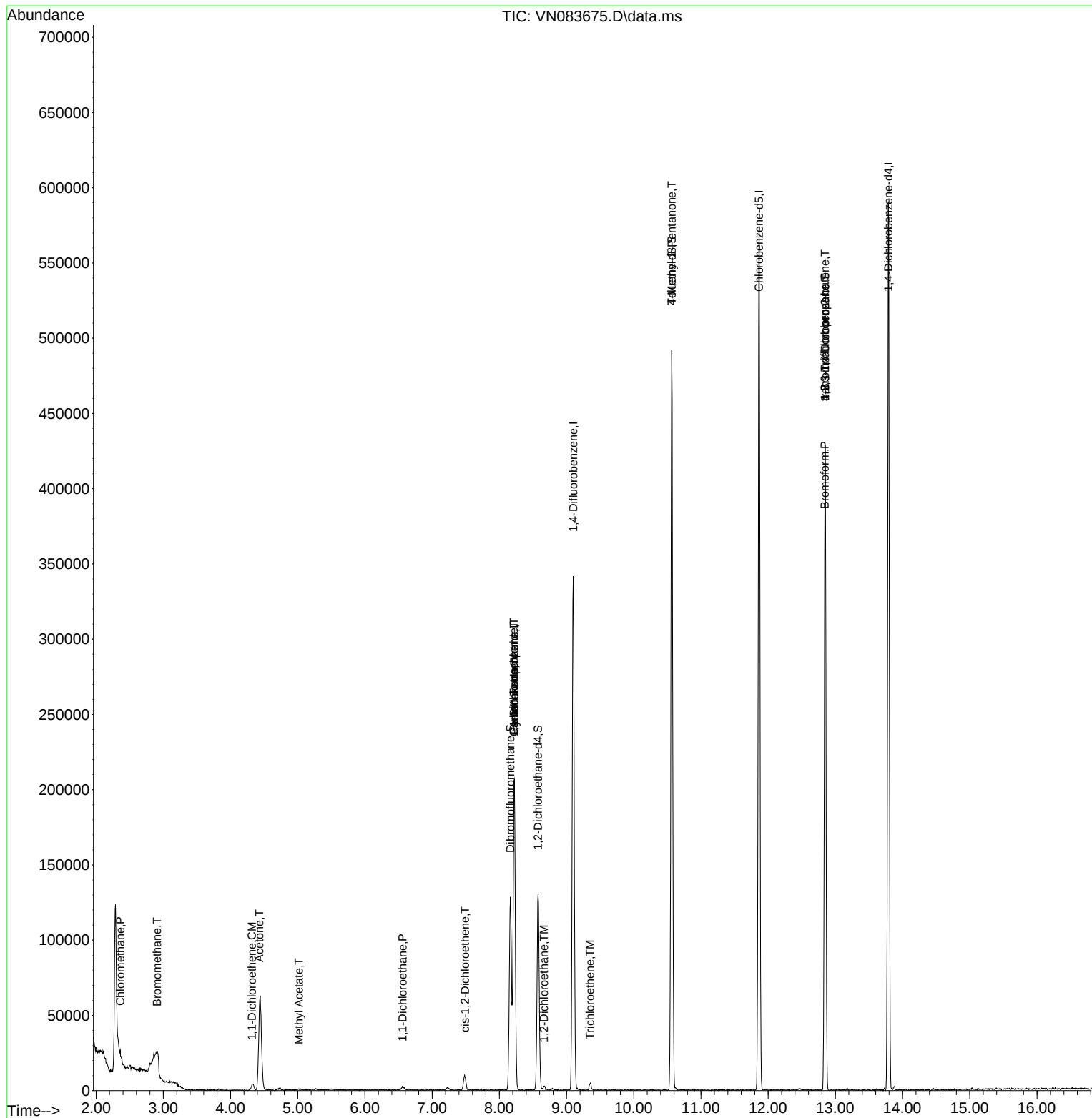
Internal Standards						
1) Pentafluorobenzene	8.224	168	143695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	111458	55.499	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.000%
35) Dibromofluoromethane	8.165	113	91018	52.216	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.440%
50) Toluene-d8	10.565	98	330072	48.604	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.847	95	150796	59.969	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	119.940%
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	1696	0.957	ug/l	90
5) Bromomethane	2.906	94	250	0.268	ug/l	91
12) 1,1-Dichloroethene	4.318	96	1581	1.004	ug/l #	81
16) Acetone	4.430	43	2168	2.707	ug/l #	45
18) Methyl Acetate	5.018	43	695	0.326	ug/l #	52
24) 1,1-Dichloroethane	6.559	63	4061	1.287	ug/l #	82
27) cis-1,2-Dichloroethene	7.488	96	6081	3.108	ug/l	86
31) Cyclohexane	8.224	56	4030	1.297	ug/l #	25
36) 1,1-Dichloropropene	8.218	75	13020	4.897	ug/l #	50
38) Carbon Tetrachloride	8.218	117	15798	5.208	ug/l #	15
42) 1,2-Dichloroethane	8.665	62	2744	0.905	ug/l #	77
43) Isopropyl Acetate	8.677	43	69	Below Cal	#	1
44) Trichloroethene	9.347	130	1755	0.892	ug/l	89
51) 4-Methyl-2-Pentanone	10.565	43	1830	0.744	ug/l #	1
71) Bromoform	12.841	173	516	0.305	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	85393	28.003	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	85393	66.048	ug/l #	9

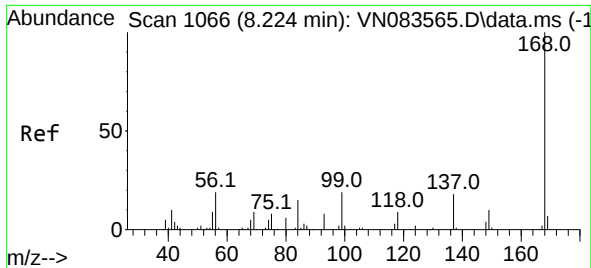
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
Data File : VN083675.D
Acq On : 05 Sep 2024 15:02
Operator : JC\MD
Sample : P3815-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

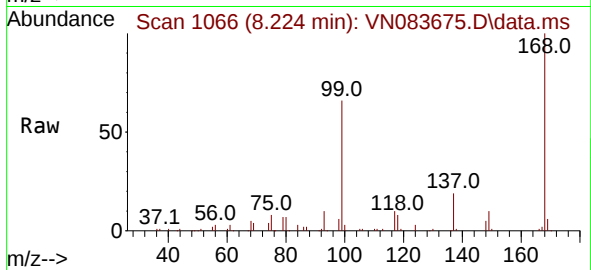
Quant Time: Sep 06 02:18:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



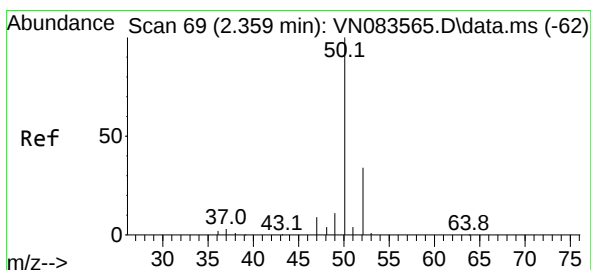
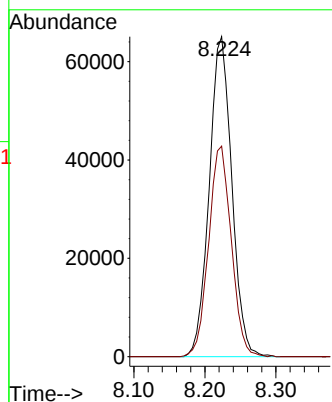
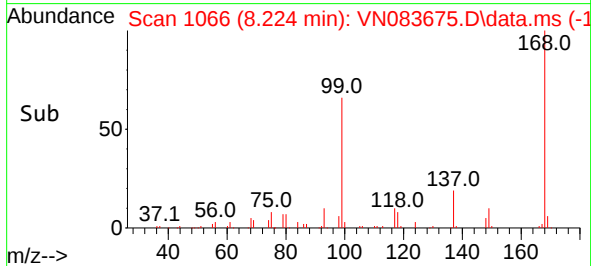


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

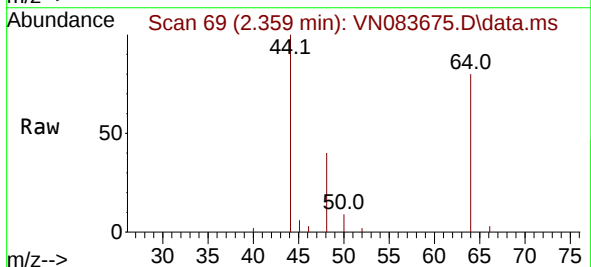
Instrument :
MSVOA_N
ClientSampleId :



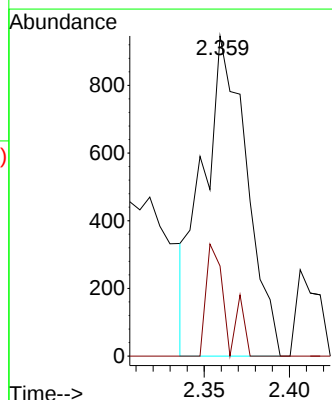
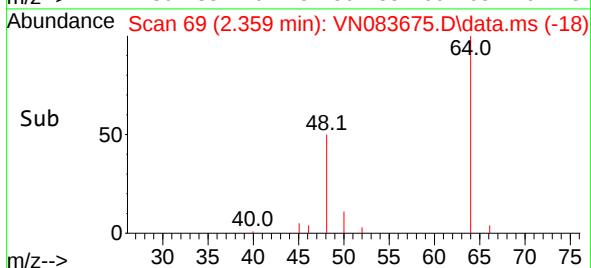
Tgt Ion:168 Resp: 143695
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2

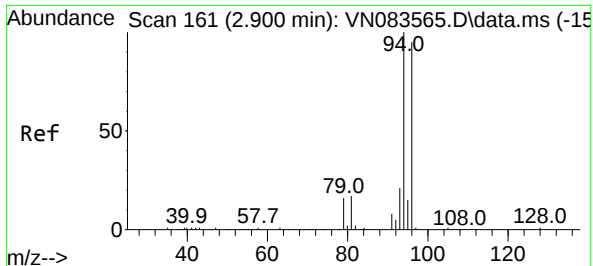


#3
Chloromethane
Concen: 0.957 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02



Tgt Ion: 50 Resp: 1696
Ion Ratio Lower Upper
50 100
52 28.1 27.2 40.8

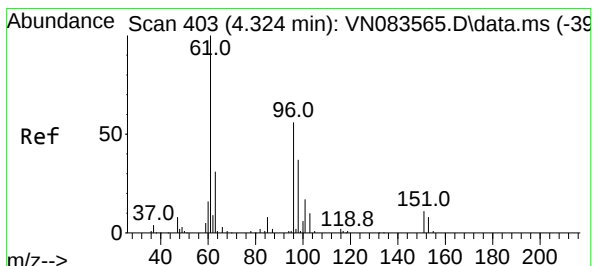
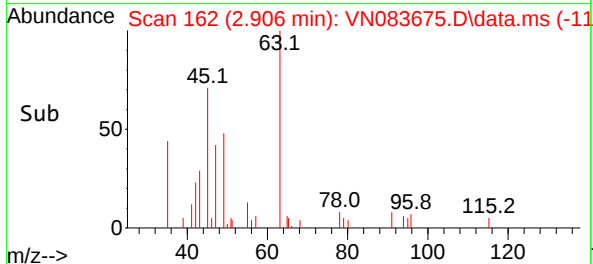
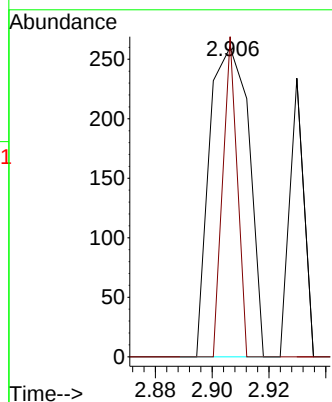
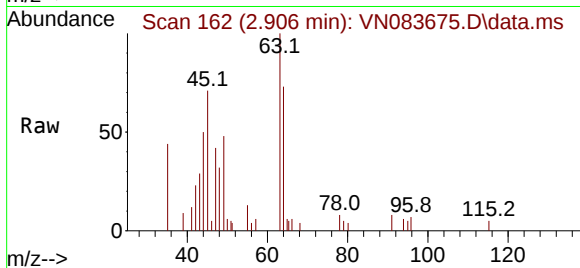




#5
Bromomethane
Concen: 0.268 ug/l
RT: 2.906 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

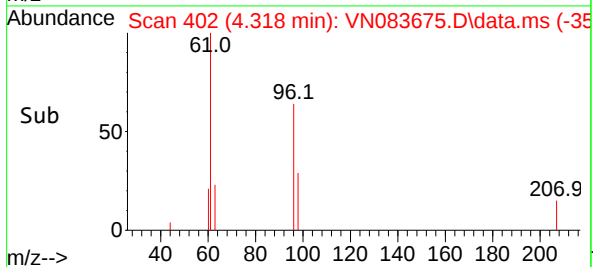
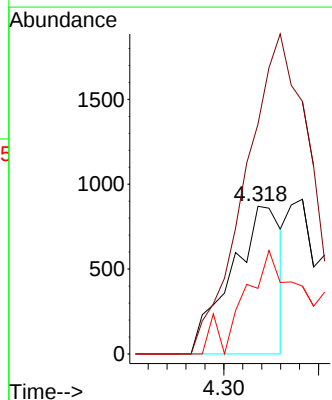
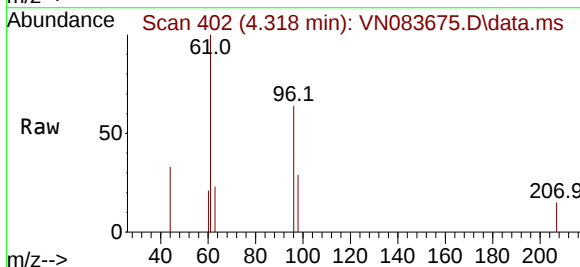
Instrument :
MSVOA_N
ClientSampleId :

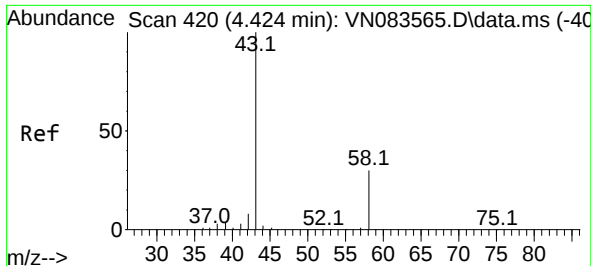
Tgt Ion: 94 Resp: 250
Ion Ratio Lower Upper
94 100
96 103.5 76.0 114.0



#12
1,1-Dichloroethene
Concen: 1.004 ug/l
RT: 4.318 min Scan# 402
Delta R.T. -0.006 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

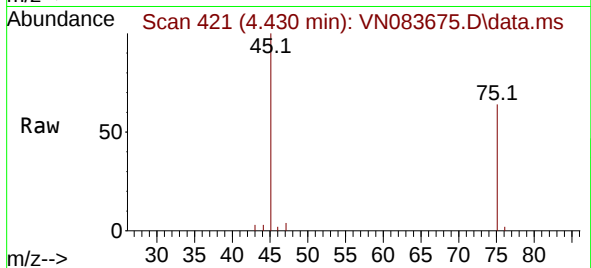
Tgt Ion: 96 Resp: 1581
Ion Ratio Lower Upper
96 100
61 155.6 143.4 215.0
98 44.4 52.7 79.1#



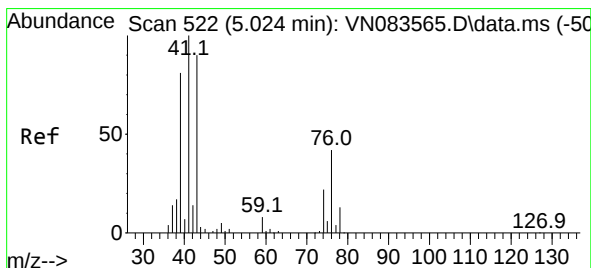
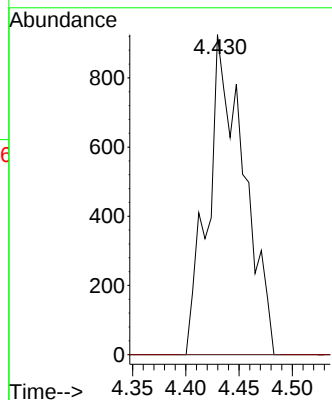
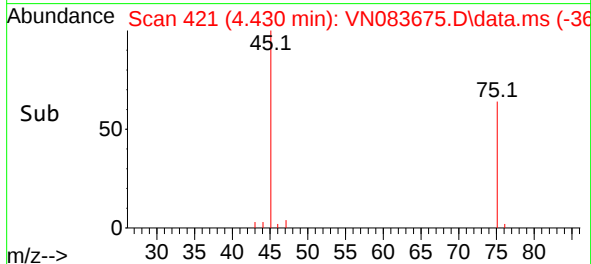


#16
Acetone
Concen: 2.707 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

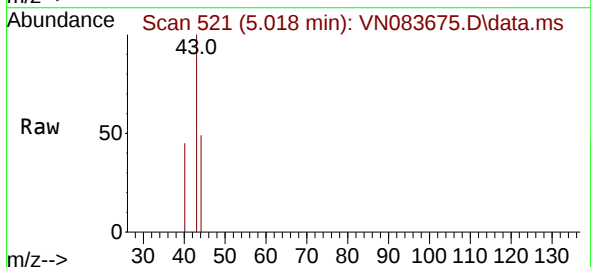
Instrument :
MSVOA_N
ClientSampleId :



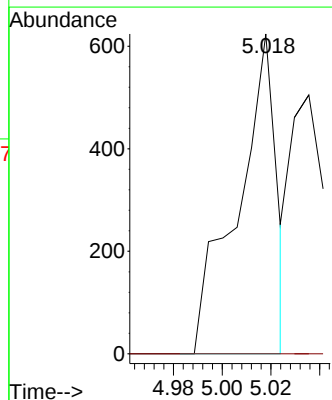
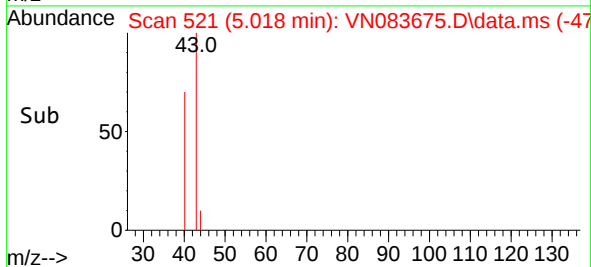
Tgt Ion: 43 Resp: 2168
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#

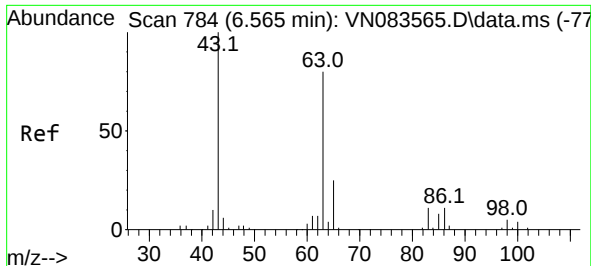


#18
Methyl Acetate
Concen: 0.326 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02



Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

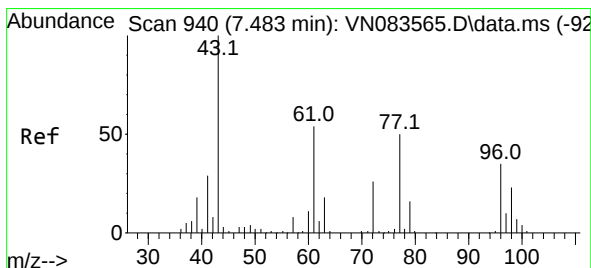
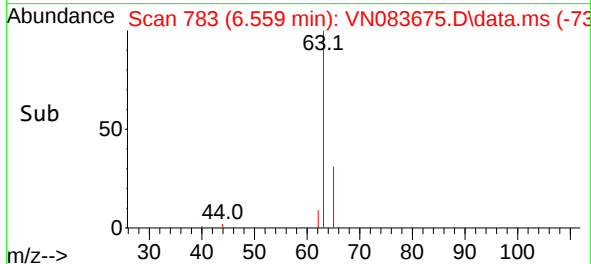
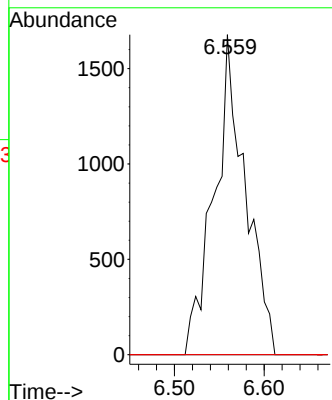
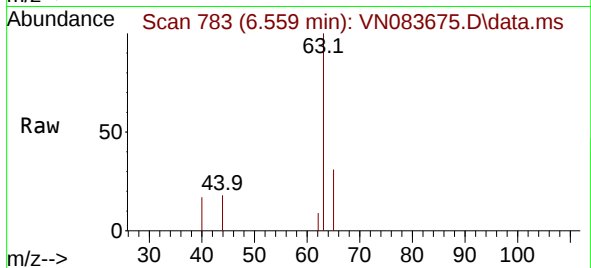




#24
1,1-Dichloroethane
Concen: 1.287 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

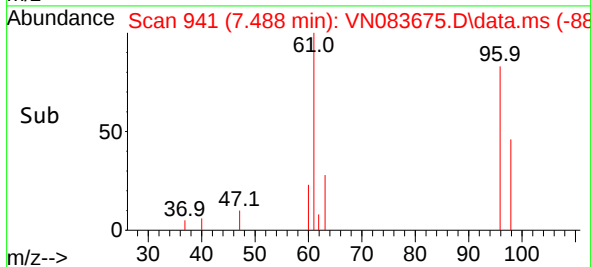
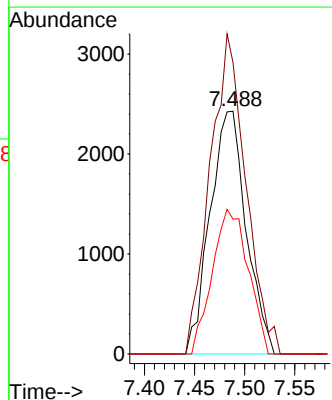
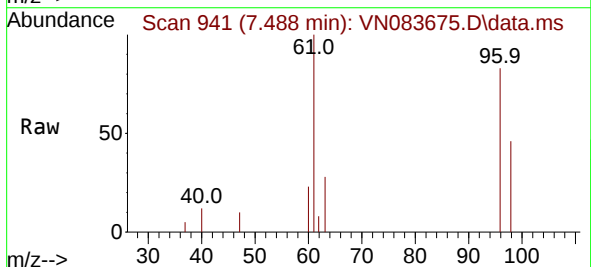
Instrument :
MSVOA_N
ClientSampleId :

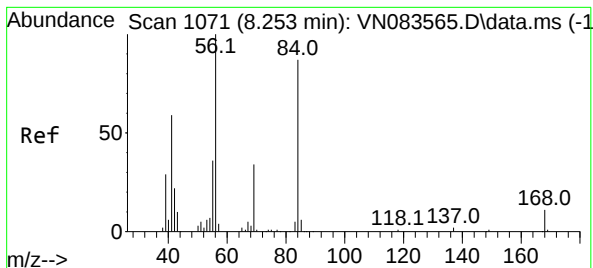
Tgt Ion: 63 Resp: 4061
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 3.108 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

Tgt Ion: 96 Resp: 6081
Ion Ratio Lower Upper
96 100
61 130.5 0.0 306.2
98 59.4 0.0 128.6





#31

Cyclohexane

Concen: 1.297 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

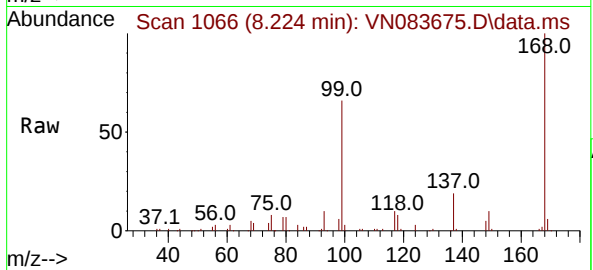
Lab File: VN083675.D

Acq: 05 Sep 2024 15:02

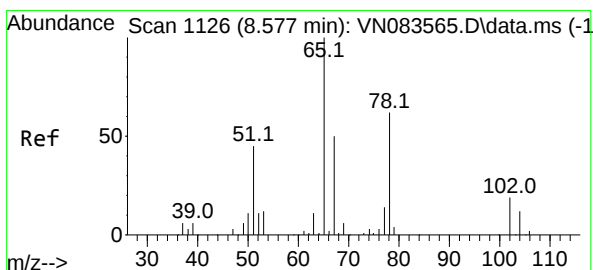
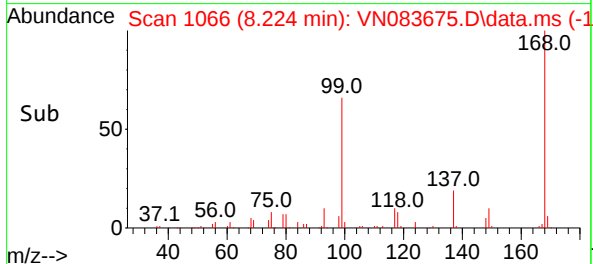
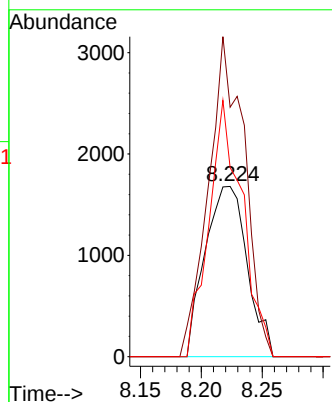
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	56	Resp:	4030
Ion	Ratio	Lower	Upper
56	100		
69	146.5	26.9	40.3#
84	111.1	69.2	103.8#



#33

1,2-Dichloroethane-d4

Concen: 55.499 ug/l

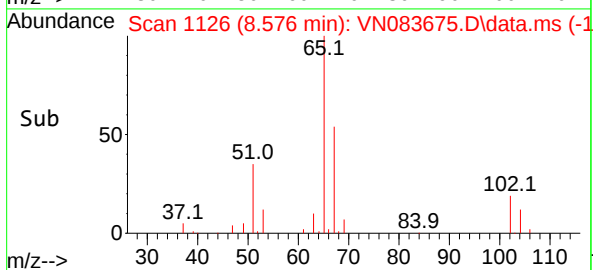
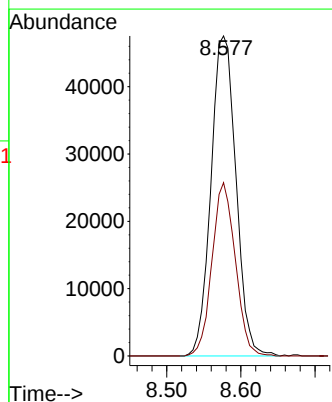
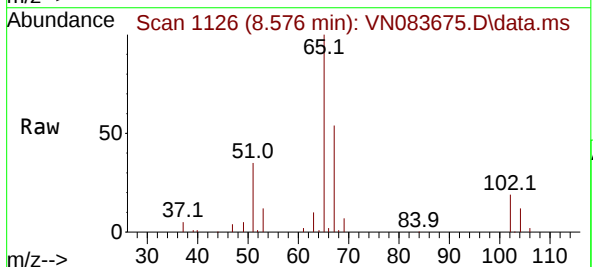
RT: 8.576 min Scan# 1126

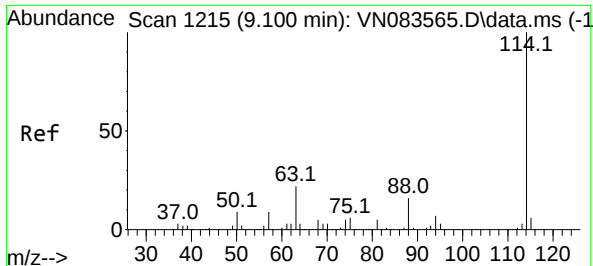
Delta R.T. -0.000 min

Lab File: VN083675.D

Acq: 05 Sep 2024 15:02

Tgt Ion:	65	Resp:	111458
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	100.8

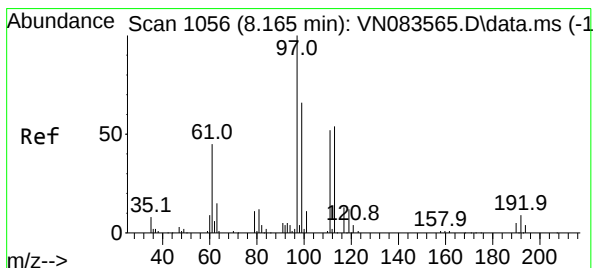
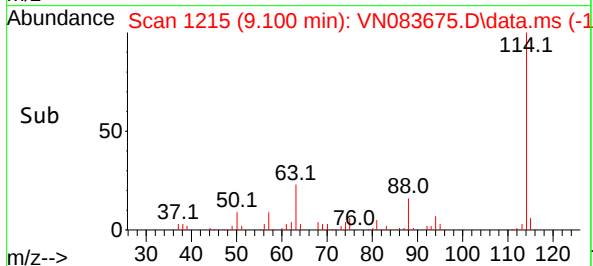
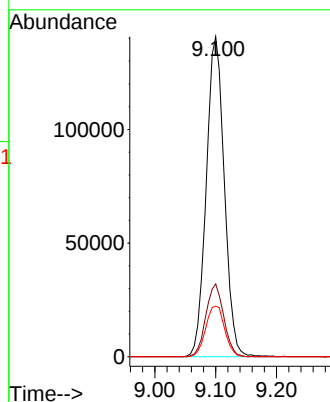
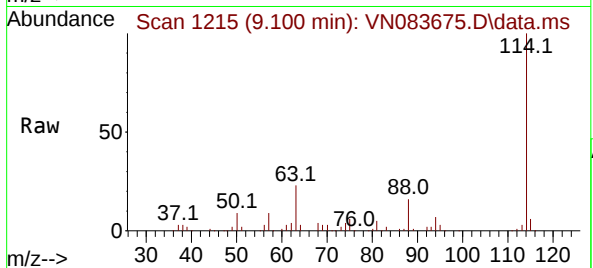




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

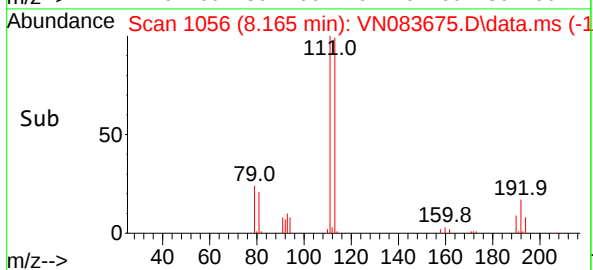
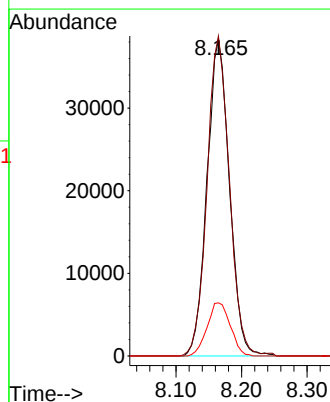
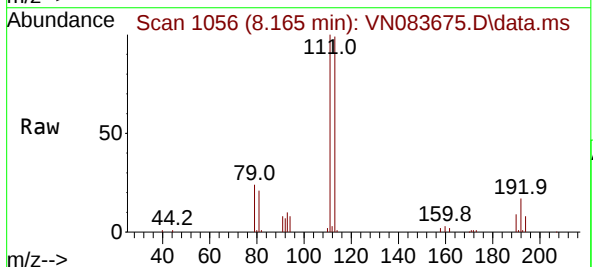
Instrument :
MSVOA_N
ClientSampleId :

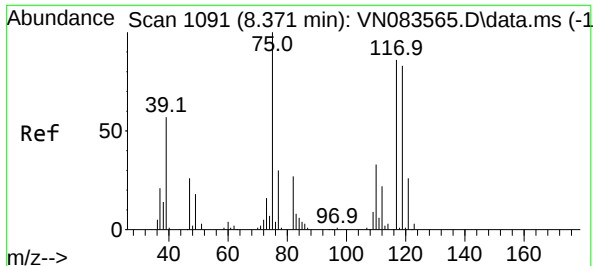
Tgt Ion:114 Resp: 289611
Ion Ratio Lower Upper
114 100
63 22.8 0.0 43.4
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.216 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

Tgt Ion:113 Resp: 91018
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 17.4 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.897 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

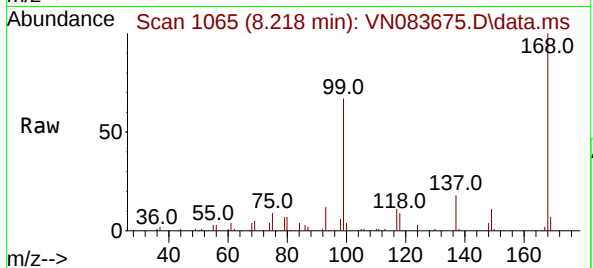
Lab File: VN083675.D

Acq: 05 Sep 2024 15:02

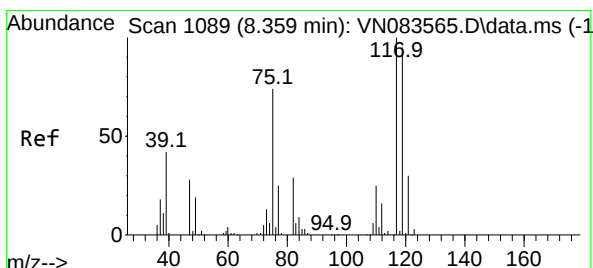
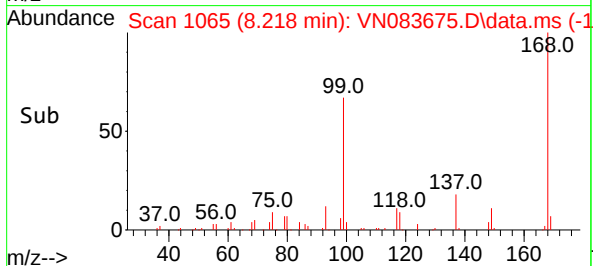
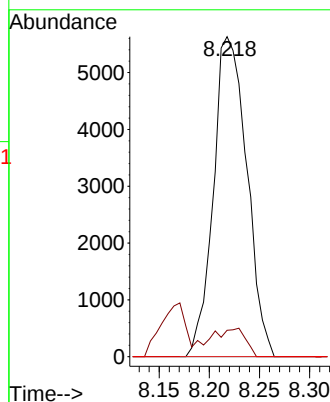
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 13020
Ion Ratio	Lower Upper
75	100
110	8.3 16.7 50.1#
77	0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.208 ug/l

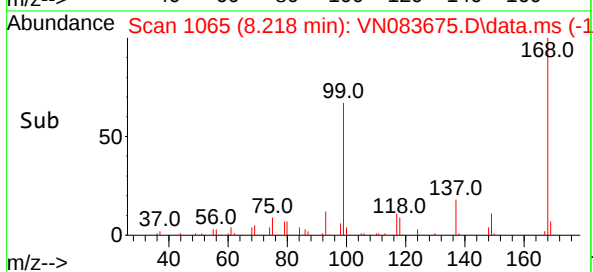
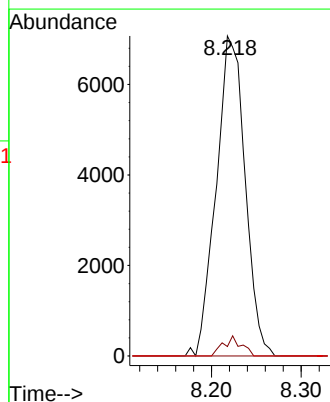
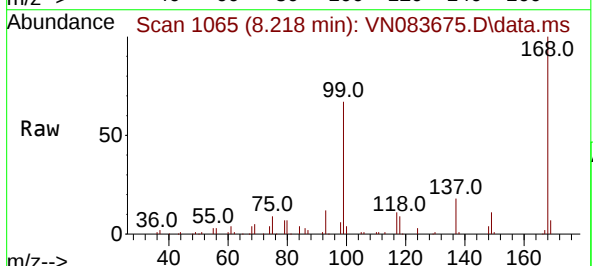
RT: 8.218 min Scan# 1065

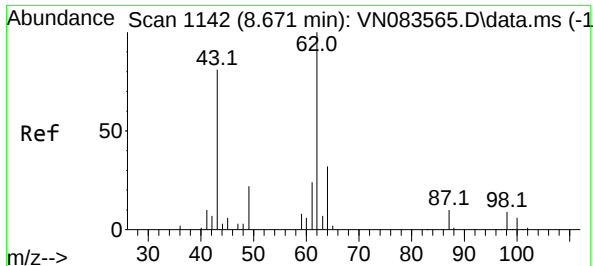
Delta R.T. -0.141 min

Lab File: VN083675.D

Acq: 05 Sep 2024 15:02

Tgt Ion: 117	Resp: 15798
Ion Ratio	Lower Upper
117	100
119	2.9 76.1 114.1#
121	0.0 24.1 36.1#

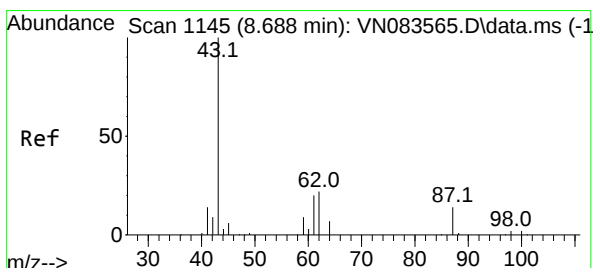
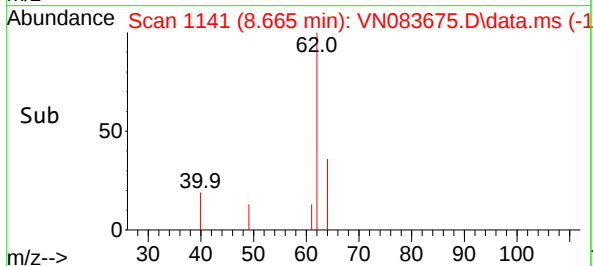
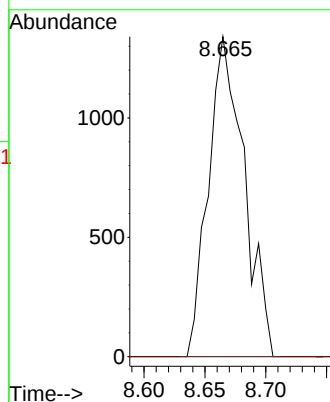
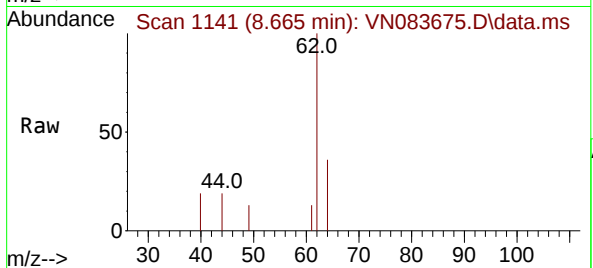




#42
1,2-Dichloroethane
Concen: 0.905 ug/l
RT: 8.665 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

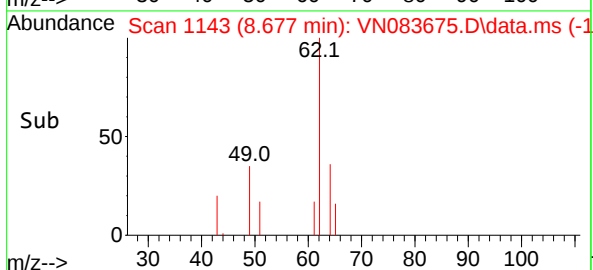
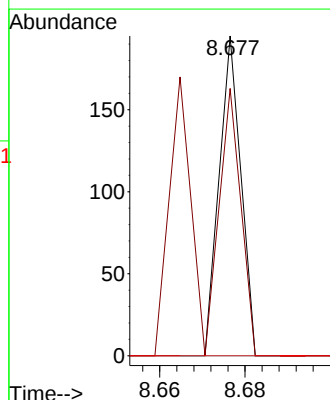
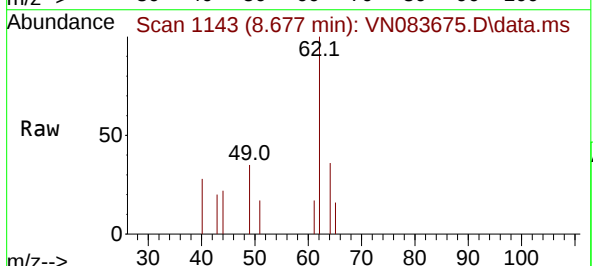
Instrument :
MSVOA_N
ClientSampleId :

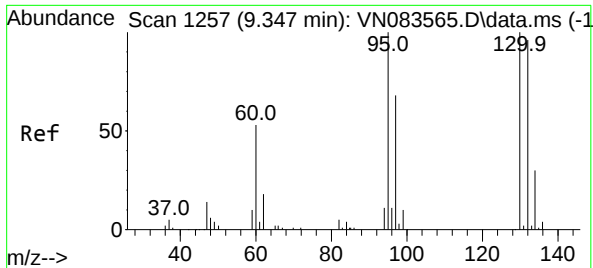
Tgt Ion: 62 Resp: 2744
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.6



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
61 169.6 19.4 29.0#
87 0.0 9.8 14.6#

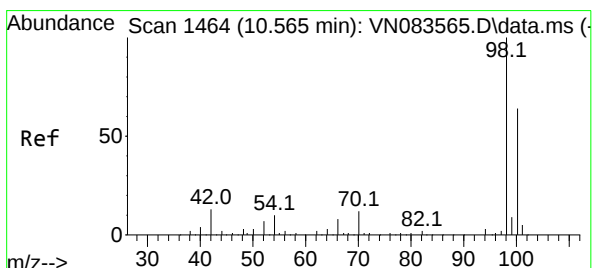
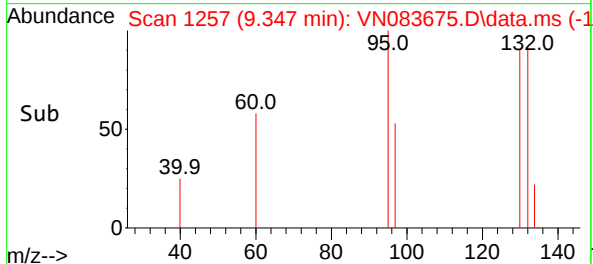
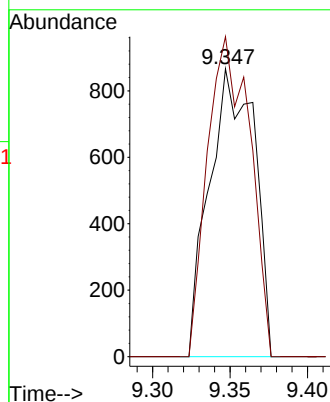
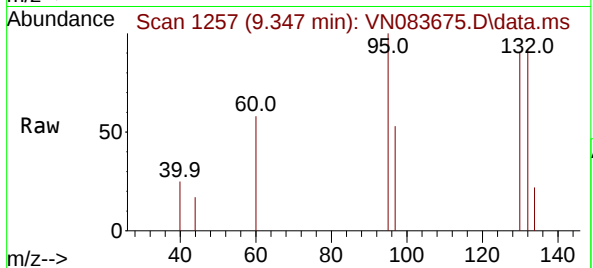




#44
Trichloroethene
Concen: 0.892 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

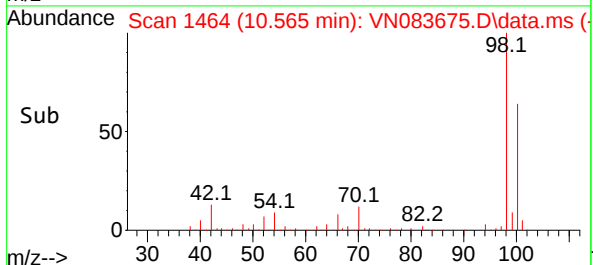
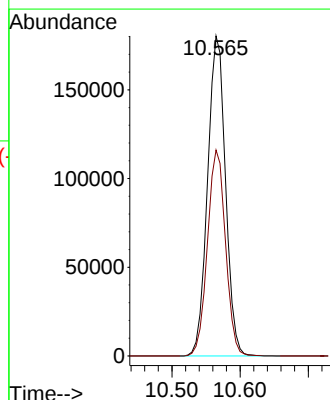
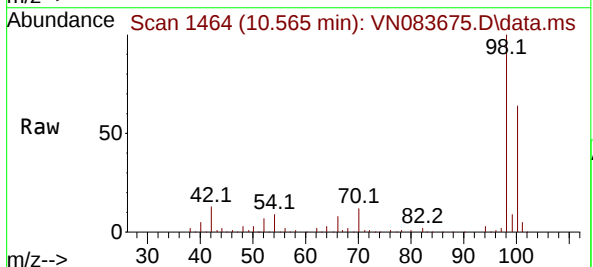
Instrument :
MSVOA_N
ClientSampleId :

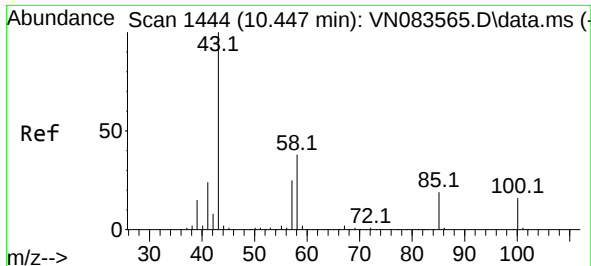
Tgt Ion:130 Resp: 1755
Ion Ratio Lower Upper
130 100
95 111.2 0.0 200.4



#50
Toluene-d8
Concen: 48.604 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

Tgt Ion: 98 Resp: 330072
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

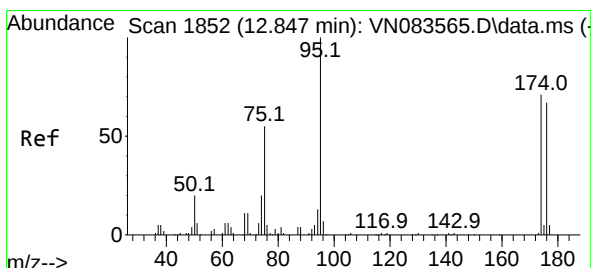
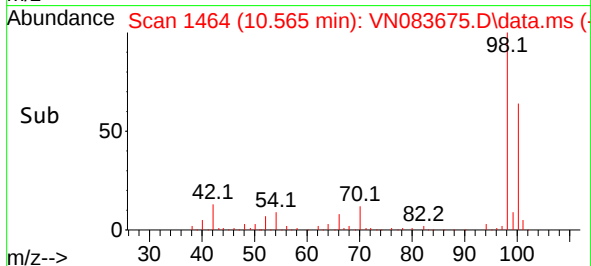
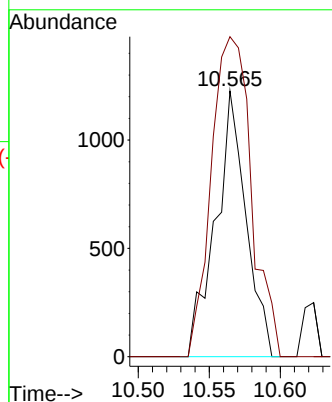
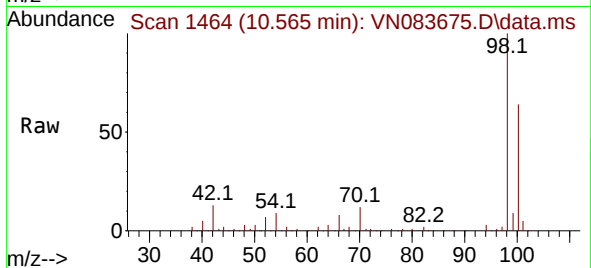




#51
4-Methyl-2-Pentanone
Concen: 0.744 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

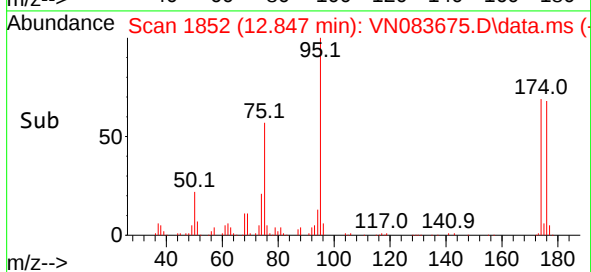
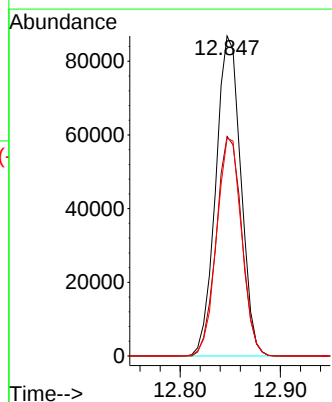
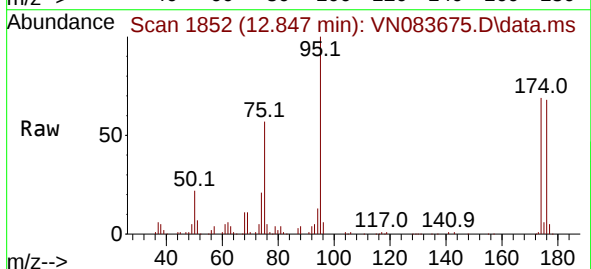
Instrument :
MSVOA_N
ClientSampleId :

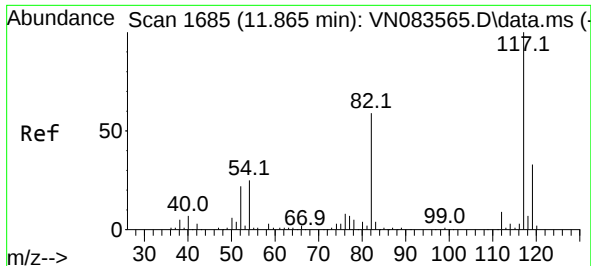
Tgt Ion: 43 Resp: 1830
Ion Ratio Lower Upper
43 100
58 158.4 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 59.969 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

Tgt Ion: 95 Resp: 150796
Ion Ratio Lower Upper
95 100
174 69.4 0.0 139.8
176 68.2 0.0 131.4

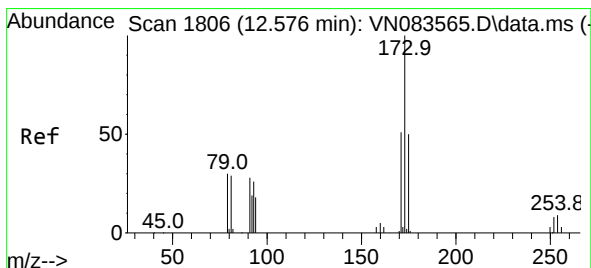
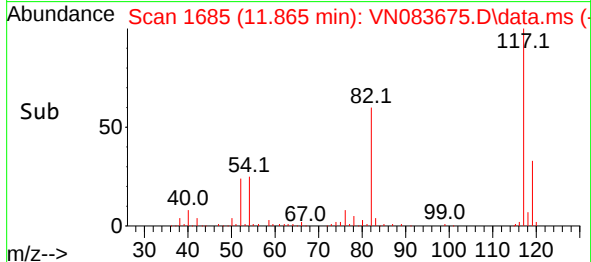
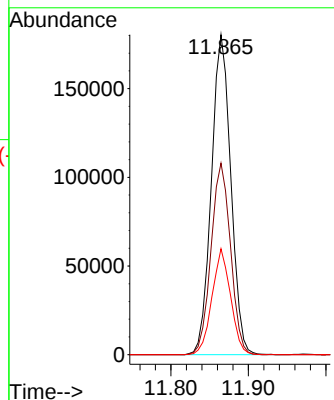
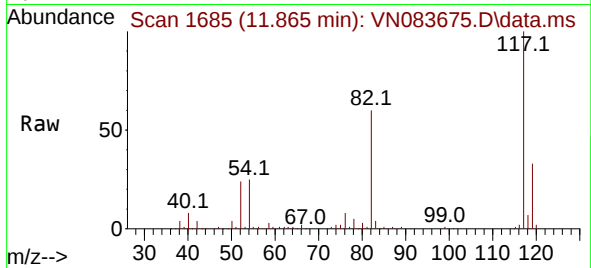




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

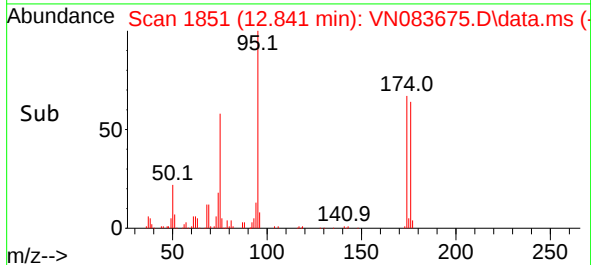
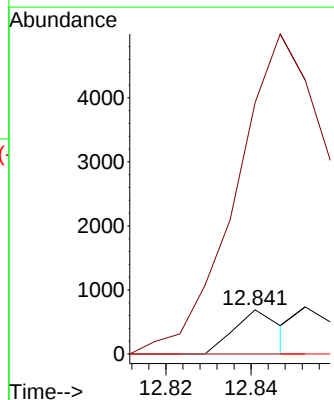
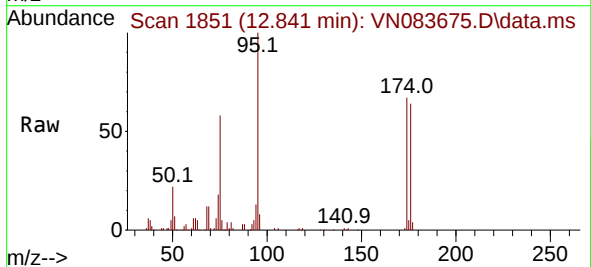
Instrument :
MSVOA_N
ClientSampleId :

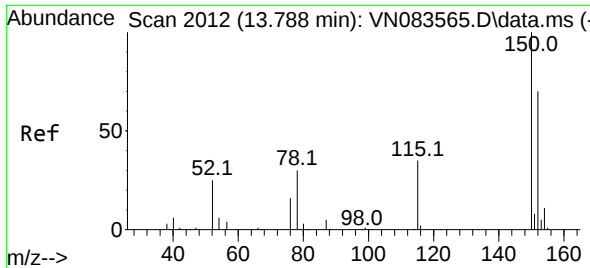
Tgt Ion:117 Resp: 314198
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.0
119 33.1 26.3 39.5



#71
Bromoform
Concen: 0.305 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

Tgt Ion:173 Resp: 516
Ion Ratio Lower Upper
173 100
175 1154.3 24.1 72.2#
254 0.0 0.0 0.0

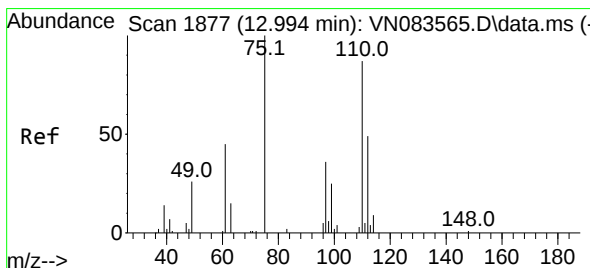
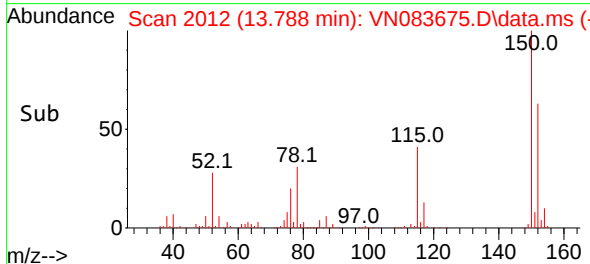
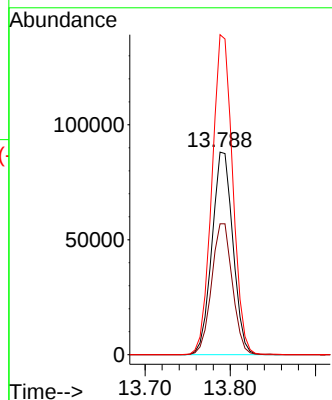
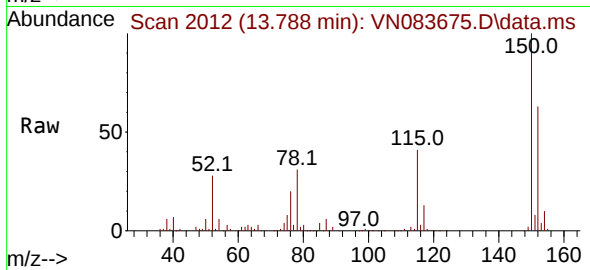




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083675.D
 Acq: 05 Sep 2024 15:02

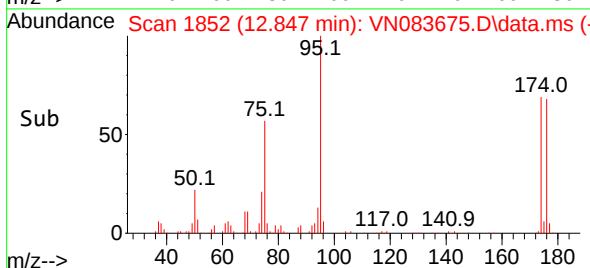
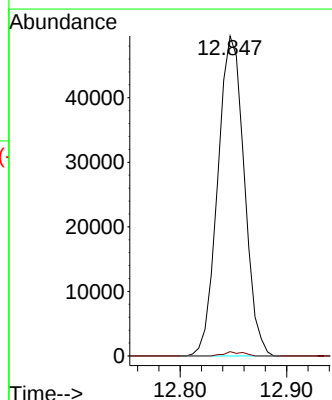
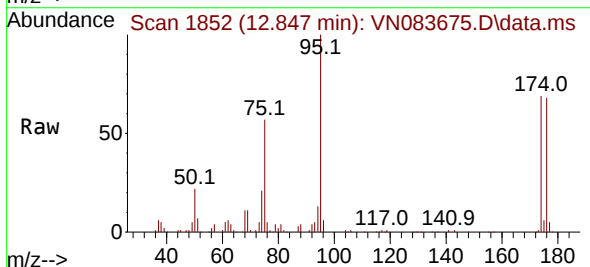
Instrument :
 MSVOA_N
 ClientSampleId :

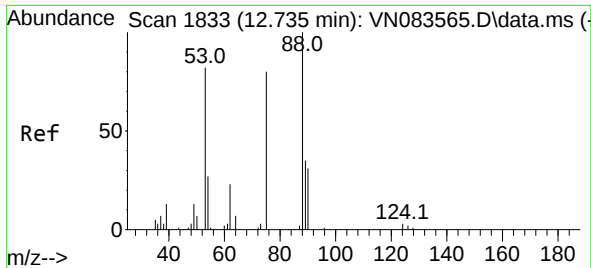
Tgt Ion:152 Resp: 151036
 Ion Ratio Lower Upper
 152 100
 115 64.1 32.2 96.6
 150 156.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.003 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083675.D
 Acq: 05 Sep 2024 15:02

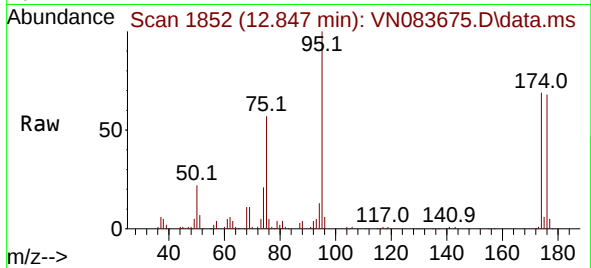
Tgt Ion: 75 Resp: 85393
 Ion Ratio Lower Upper
 75 100
 77 0.9 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.048 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083675.D
Acq: 05 Sep 2024 15:02

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 85393
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

