

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083729.D
 Acq On : 09 Sep 2024 20:12
 Operator : JC\MD
 Sample : P3868-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 10 02:17:07 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	120439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126943	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	94647	56.229	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.460%
35) Dibromofluoromethane	8.165	113	75728	50.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.740%
50) Toluene-d8	10.565	98	268566	45.913	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.820%
62) 4-Bromofluorobenzene	12.847	95	127958	58.996	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	118.000%

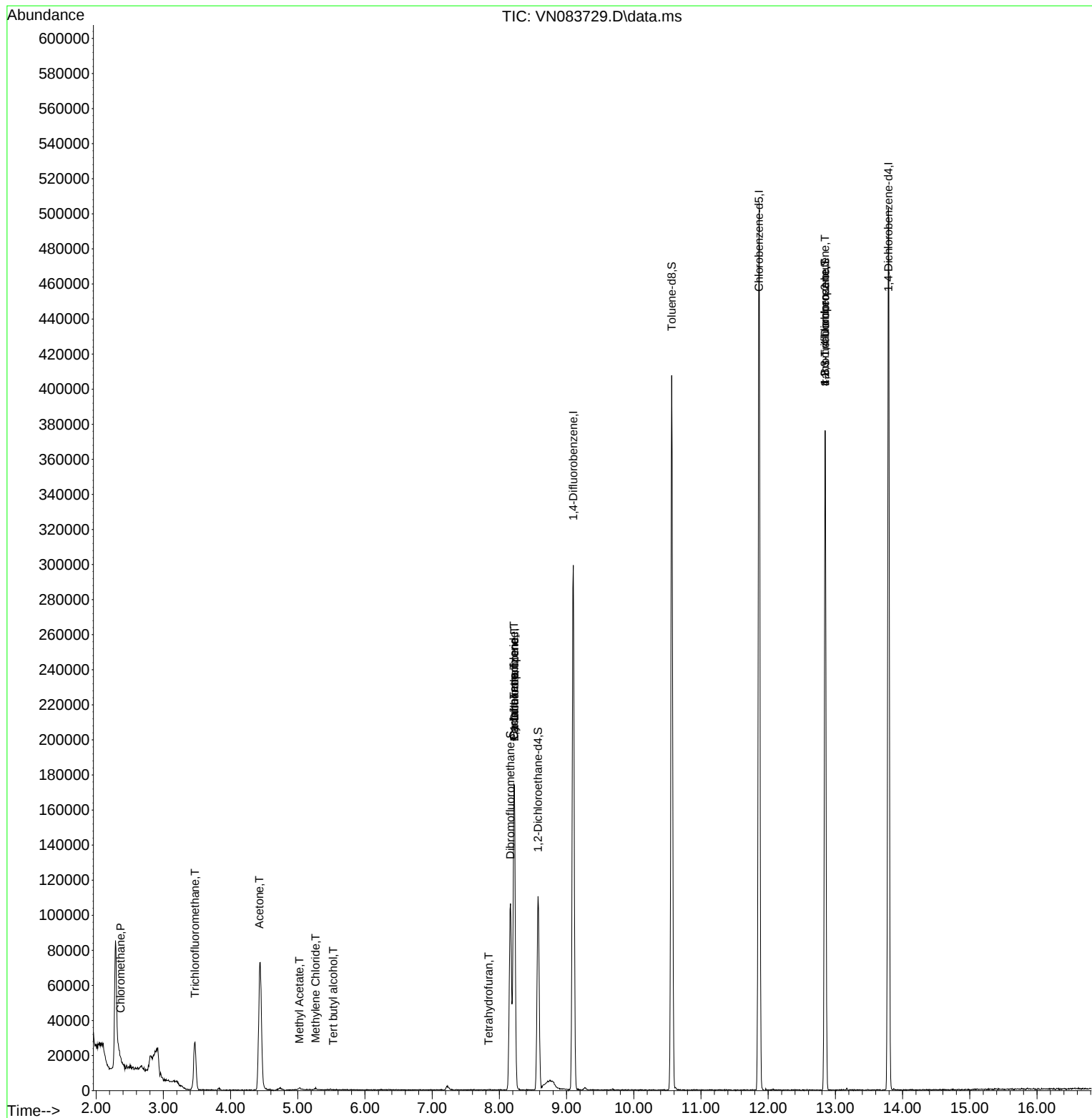
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	1228	0.827	ug/l #	41
7) Trichlorofluoromethane	3.471	101	30457	12.446	ug/l	90
11) Tert butyl alcohol	5.530	59	57	0.217	ug/l #	71
16) Acetone	4.430	43	938	1.397	ug/l #	45
18) Methyl Acetate	5.024	43	2567	1.438	ug/l #	74
20) Methylene Chloride	5.265	84	342	0.231	ug/l #	69
29) Tetrahydrofuran	7.841	42	191	0.337	ug/l #	32
31) Cyclohexane	8.218	56	3051	1.172	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11262	4.911	ug/l #	50
38) Carbon Tetrachloride	8.218	117	12737	4.868	ug/l #	17
43) Isopropyl Acetate	8.683	43	864	Below Cal	#	57
76) 1,2,3-Trichloropropane	12.847	75	70739	27.601	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70739	65.098	ug/l #	9

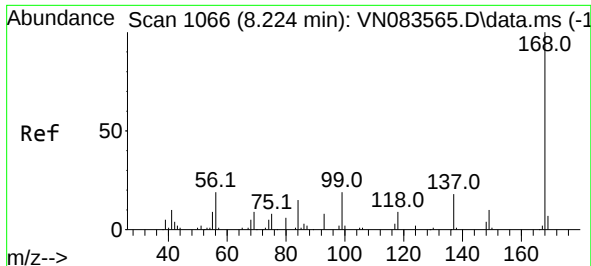
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
Data File : VN083729.D
Acq On : 09 Sep 2024 20:12
Operator : JC\MD
Sample : P3868-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

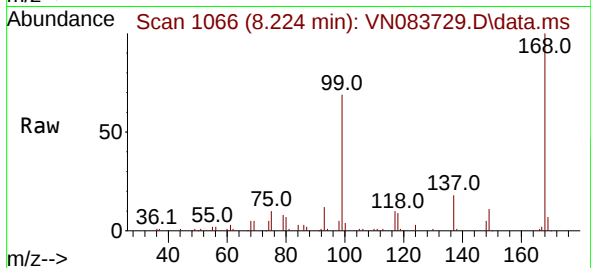
Quant Time: Sep 10 02:17:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



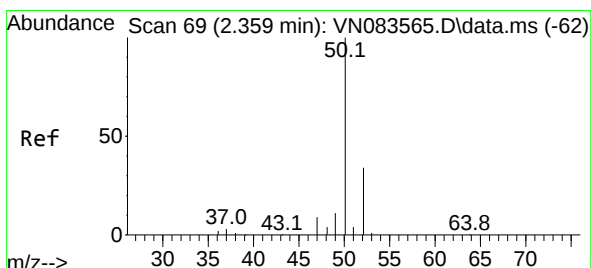
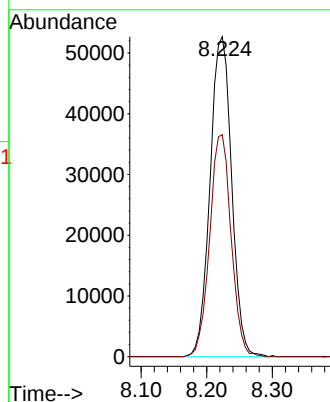
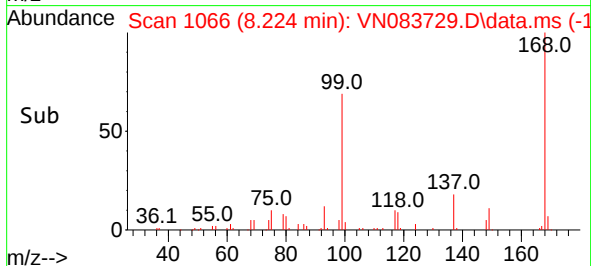


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083729.D
Acq: 09 Sep 2024 20:12

Instrument :
MSVOA_N
ClientSampleId :

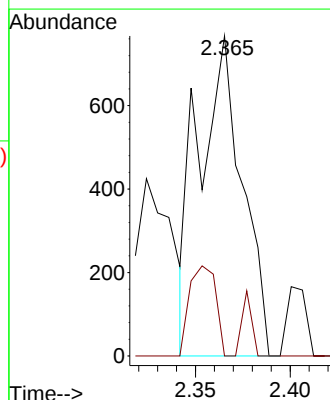
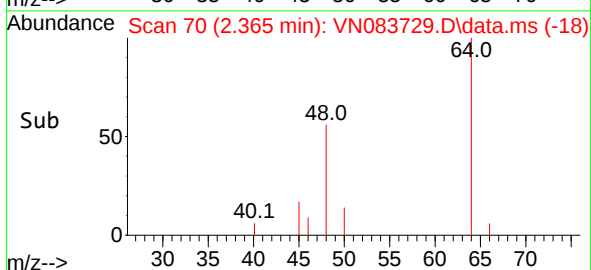
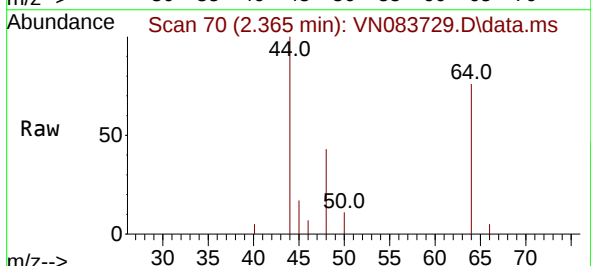


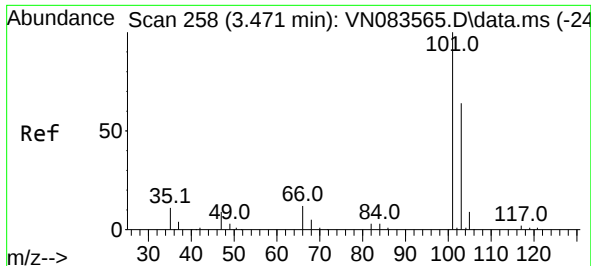
Tgt Ion:168 Resp: 120439
Ion Ratio Lower Upper
168 100
99 69.4 54.2 81.2



#3
Chloromethane
Concen: 0.827 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083729.D
Acq: 09 Sep 2024 20:12

Tgt Ion: 50 Resp: 1228
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

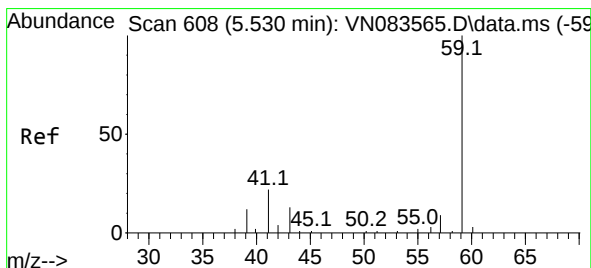
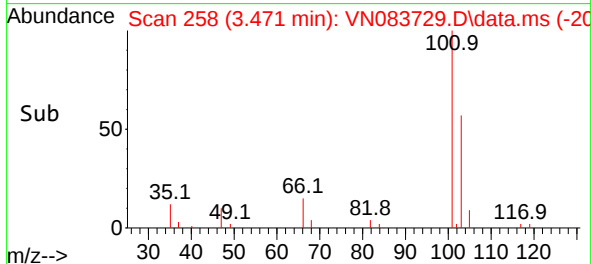
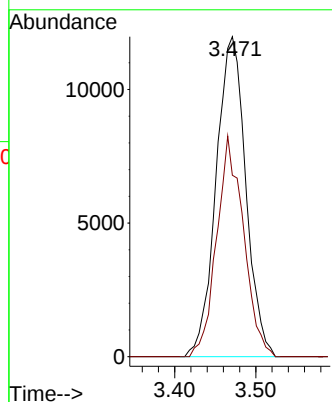
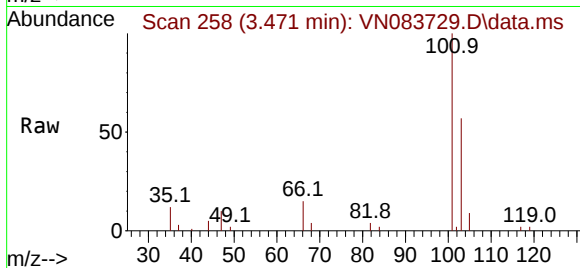




#7
 Trichlorofluoromethane
 Concen: 12.446 ug/l
 RT: 3.471 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083729.D
 Acq: 09 Sep 2024 20:12

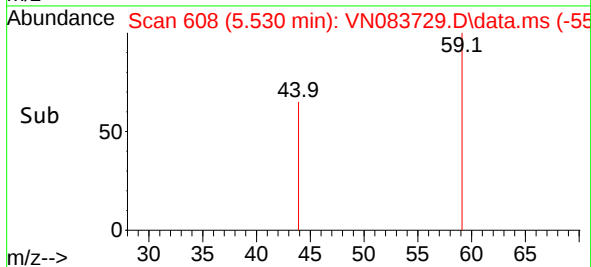
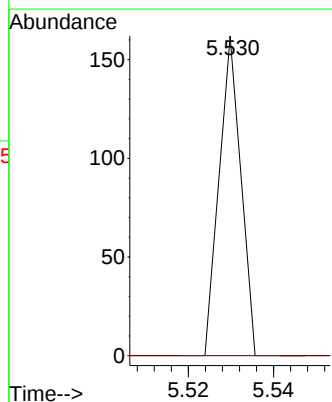
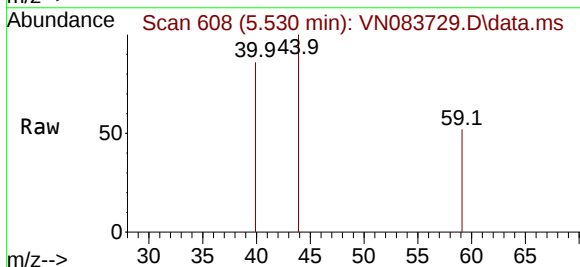
Instrument :
 MSVOA_N
 ClientSampleId :

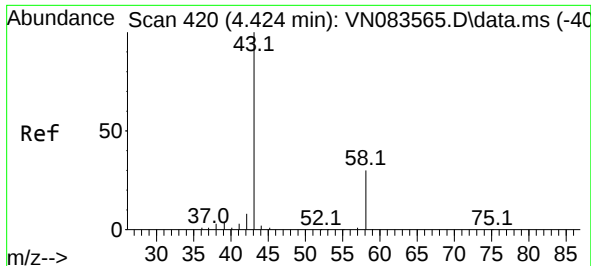
Tgt Ion:101 Resp: 30457
 Ion Ratio Lower Upper
 101 100
 103 56.7 51.4 77.0



#11
 Tert butyl alcohol
 Concen: 0.217 ug/l
 RT: 5.530 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VN083729.D
 Acq: 09 Sep 2024 20:12

Tgt Ion: 59 Resp: 57
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#

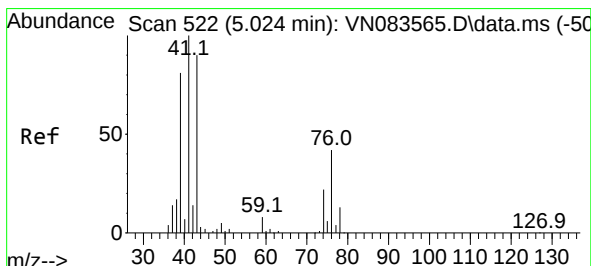
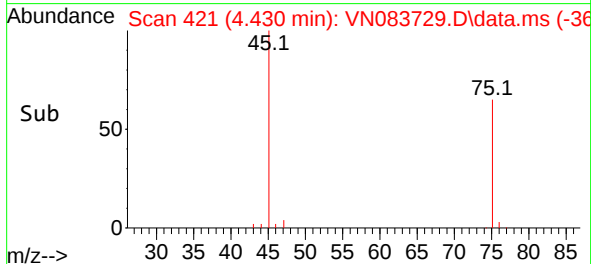
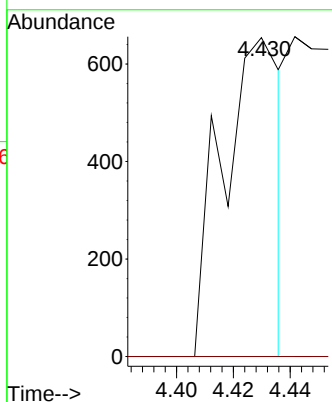
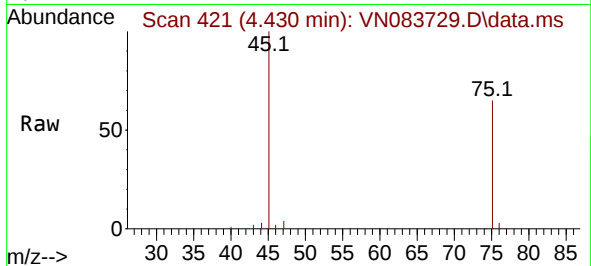




#16
Acetone
Concen: 1.397 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083729.D
Acq: 09 Sep 2024 20:12

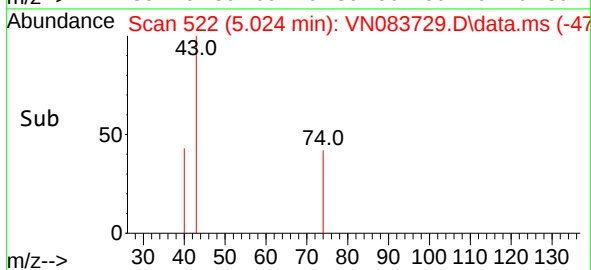
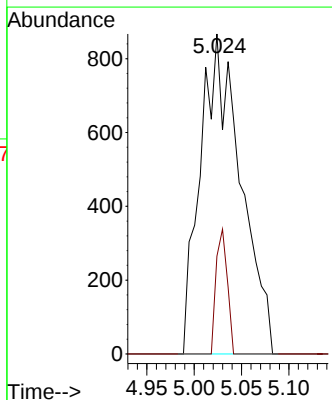
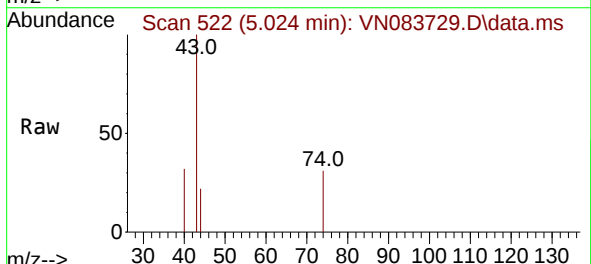
Instrument :
MSVOA_N
ClientSampleId :

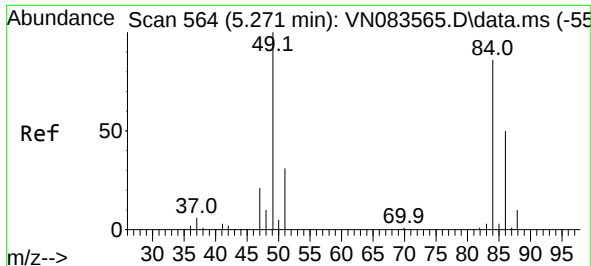
Tgt Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: 1.438 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083729.D
Acq: 09 Sep 2024 20:12

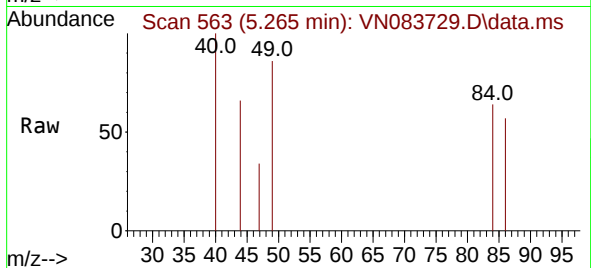
Tgt Ion: 43 Resp: 2567
Ion Ratio Lower Upper
43 100
74 10.8 19.0 28.4#



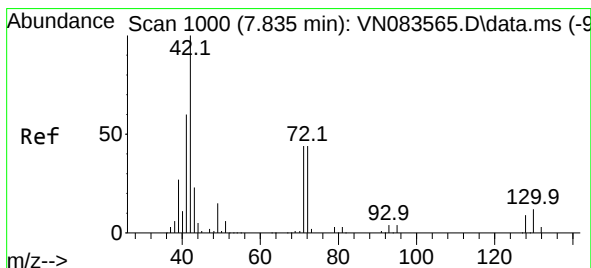
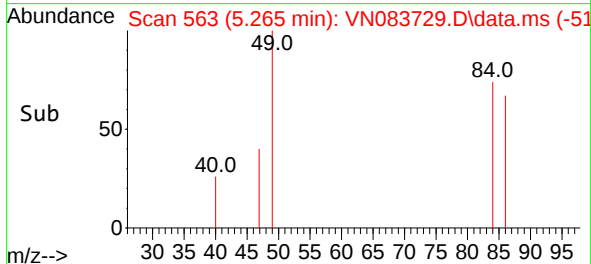
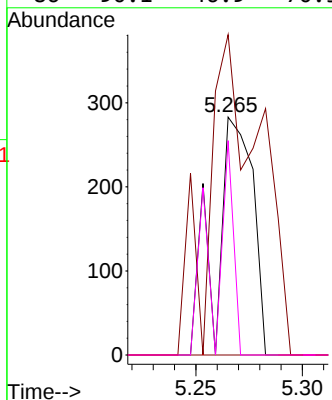


#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083729.D
Acq: 09 Sep 2024 20:12

Instrument :
MSVOA_N
ClientSampleId :

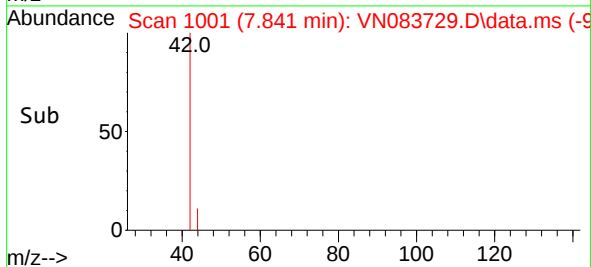
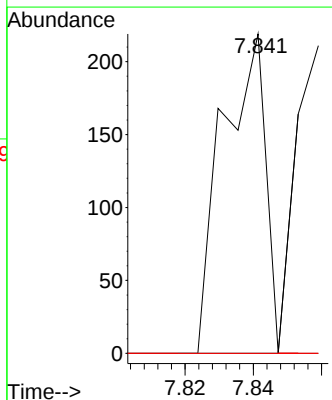
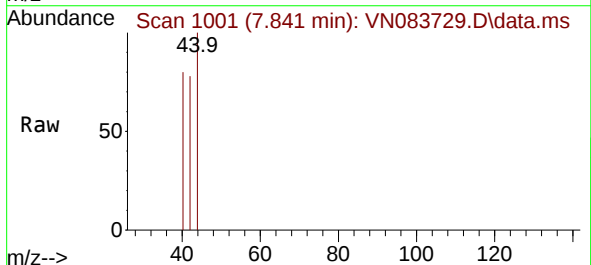


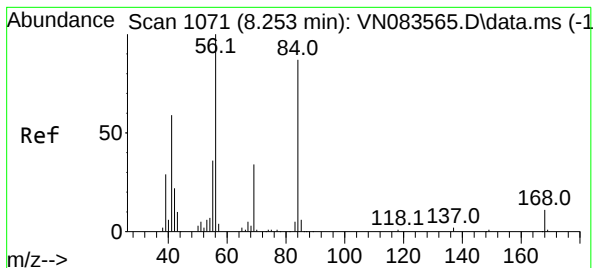
Tgt Ion:	84	Resp:	342
Ion	Ratio	Lower	Upper
84	100		
49	134.6	93.4	140.0
51	0.0	29.2	43.8#
86	90.1	46.9	70.3#



#29
Tetrahydrofuran
Concen: 0.337 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN083729.D
Acq: 09 Sep 2024 20:12

Tgt Ion:	42	Resp:	191
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.9	53.9#
71	0.0	33.9	50.9#





#31

Cyclohexane

Concen: 1.172 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

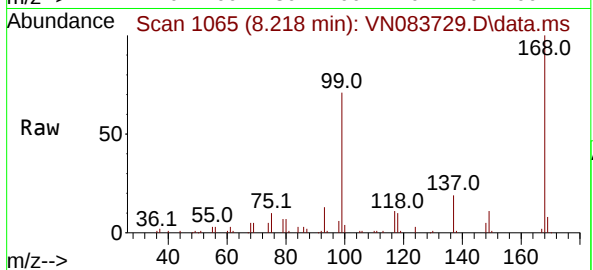
Lab File: VN083729.D

Acq: 09 Sep 2024 20:12

Instrument :

MSVOA_N

ClientSampleId :



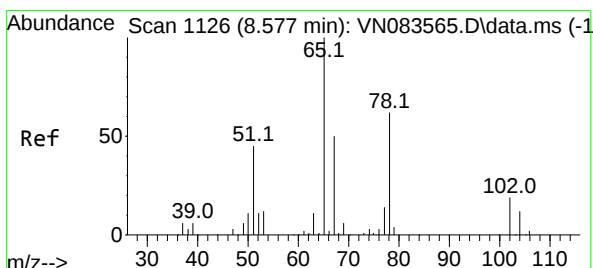
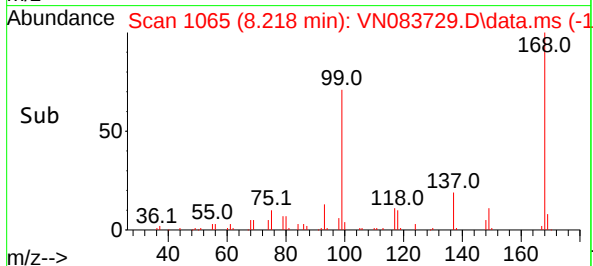
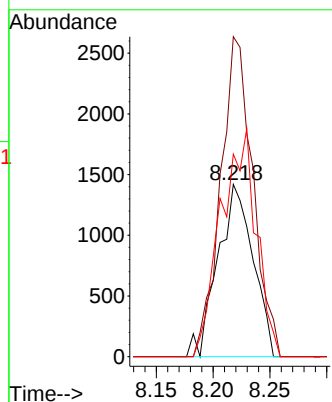
Tgt Ion: 56 Resp: 3051

Ion Ratio Lower Upper

56 100

69 185.8 26.9 40.3#

84 117.6 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 56.229 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083729.D

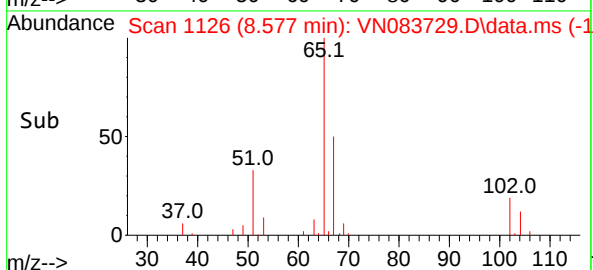
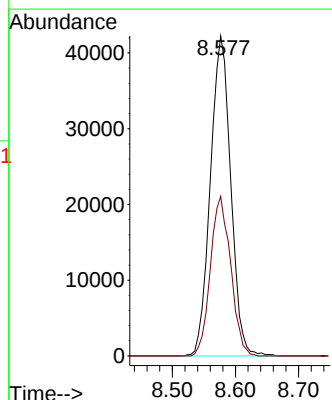
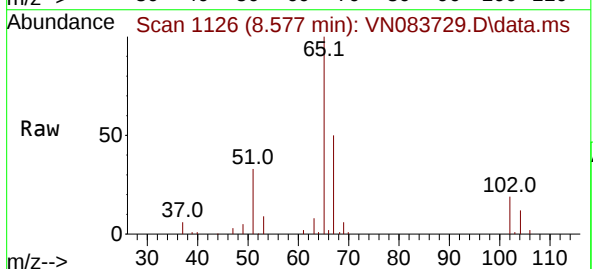
Acq: 09 Sep 2024 20:12

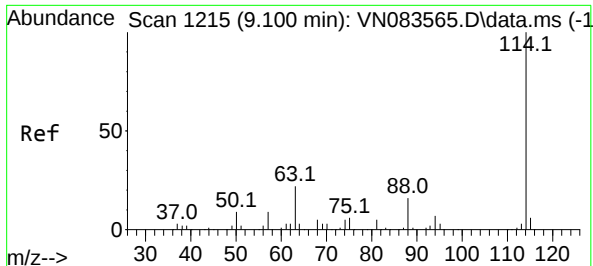
Tgt Ion: 65 Resp: 94647

Ion Ratio Lower Upper

65 100

67 49.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083729.D

Acq: 09 Sep 2024 20:12

Instrument :

MSVOA_N

ClientSampleId :

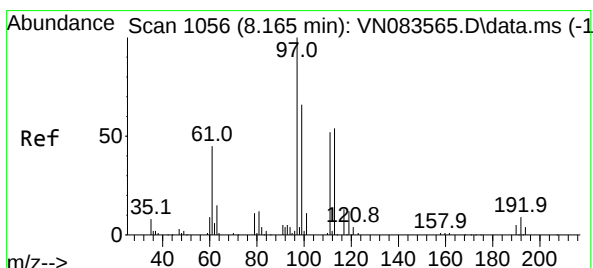
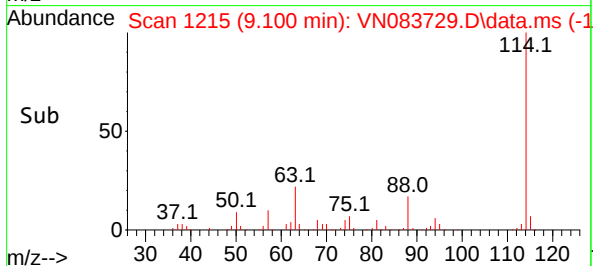
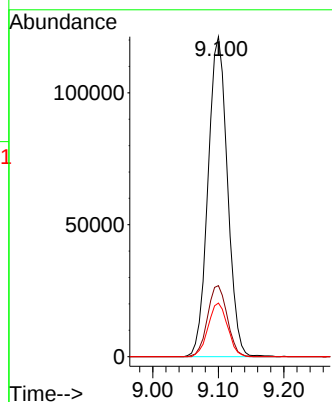
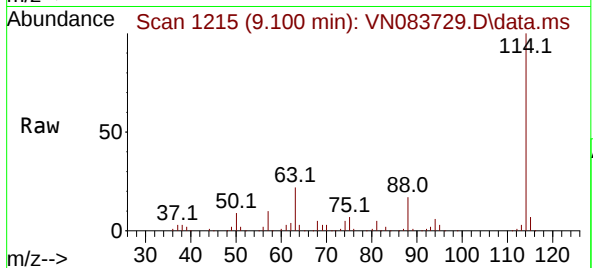
Tgt Ion:114 Resp: 249804

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.367 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083729.D

Acq: 09 Sep 2024 20:12

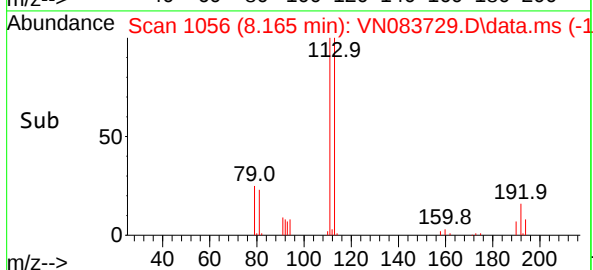
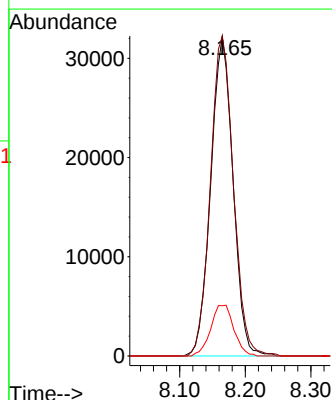
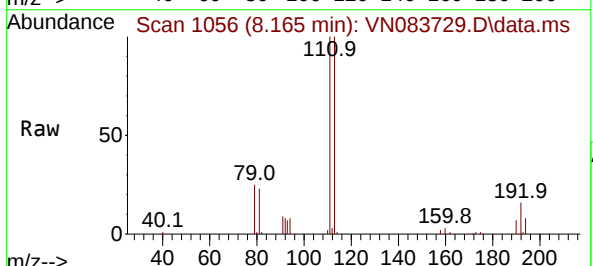
Tgt Ion:113 Resp: 75728

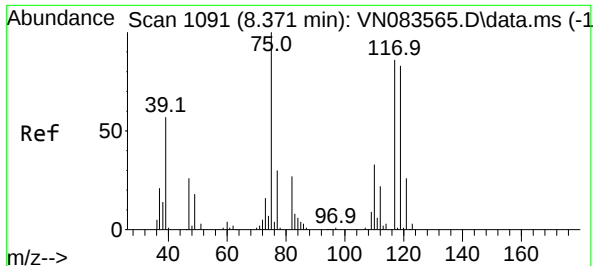
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

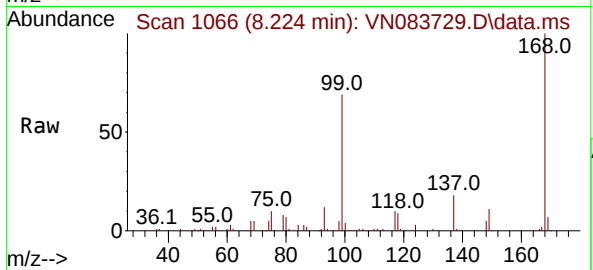
192 16.6 14.3 21.5



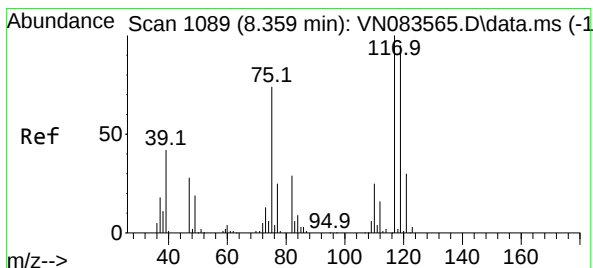
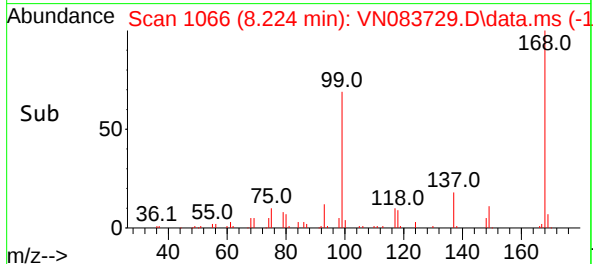
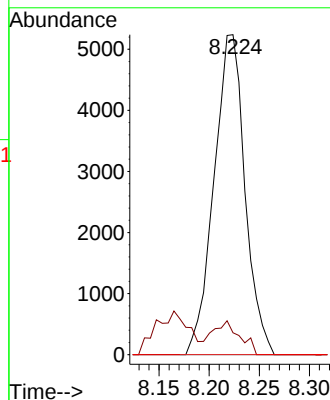


#36
1,1-Dichloropropene
Concen: 4.911 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083729.D
Acq: 09 Sep 2024 20:12

Instrument :
MSVOA_N
ClientSampleId :

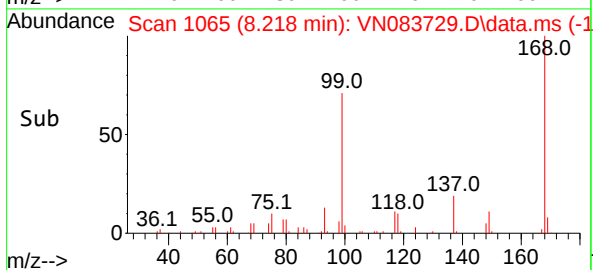
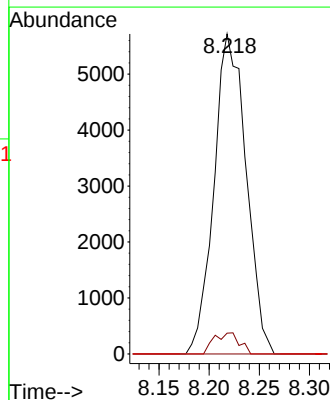
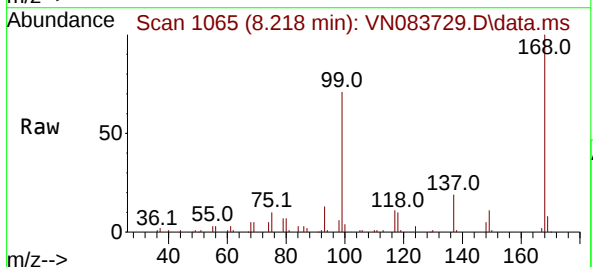


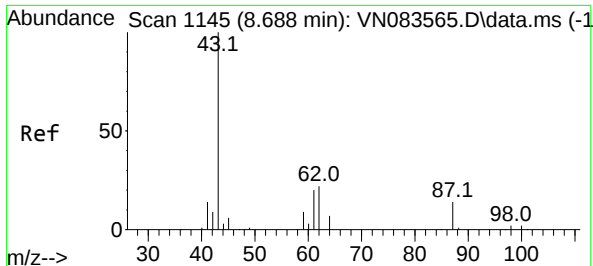
Tgt Ion: 75 Resp: 11262
Ion Ratio Lower Upper
75 100
110 9.1 16.7 50.1#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 4.868 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083729.D
Acq: 09 Sep 2024 20:12

Tgt Ion: 117 Resp: 12737
Ion Ratio Lower Upper
117 100
119 6.5 76.1 114.1#
121 0.0 24.1 36.1#

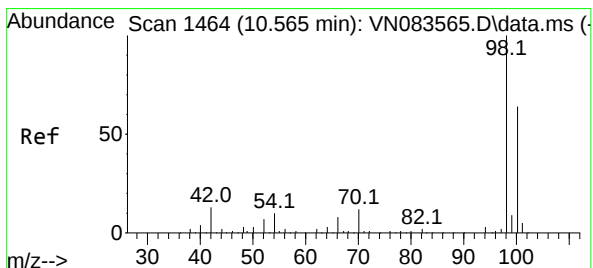
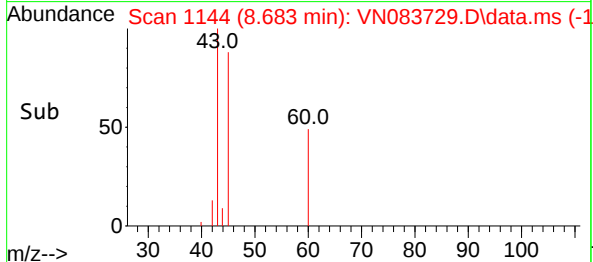
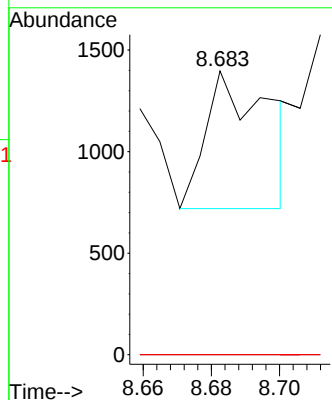
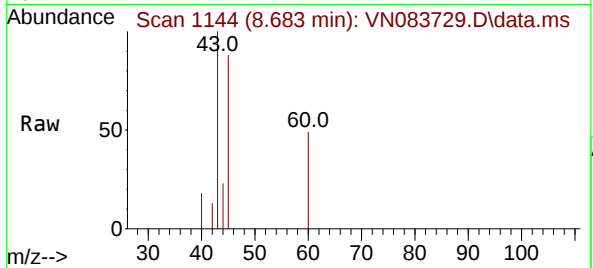




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.683 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VN083729.D
Acq: 09 Sep 2024 20:12

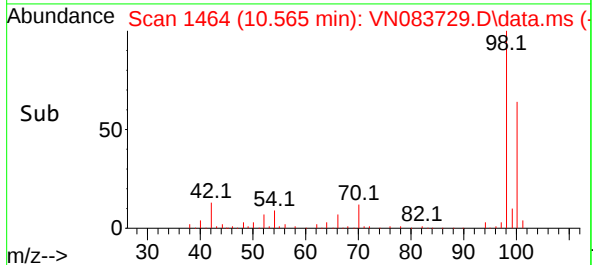
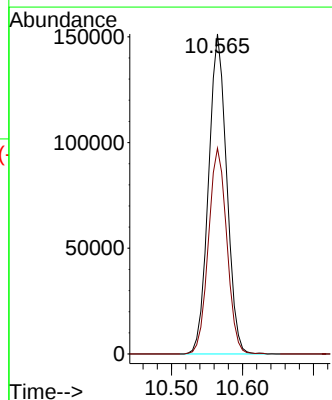
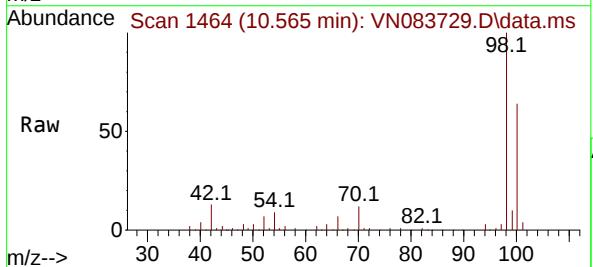
Instrument :
MSVOA_N
ClientSampleId :

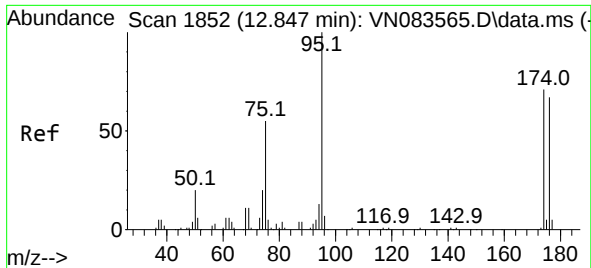
Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 45.913 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083729.D
Acq: 09 Sep 2024 20:12

Tgt Ion: 98 Resp: 268566
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

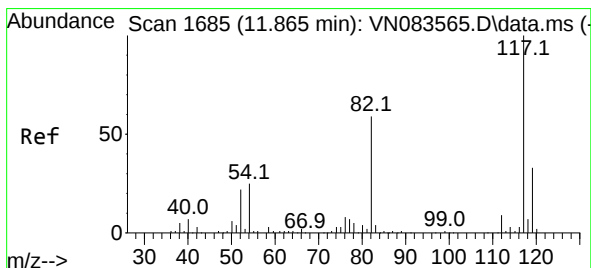
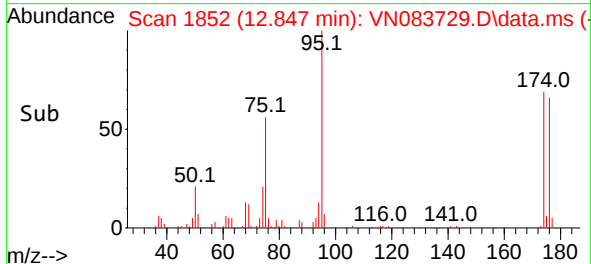
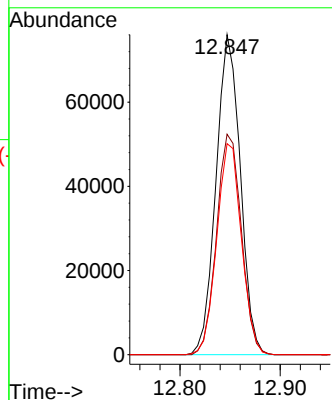
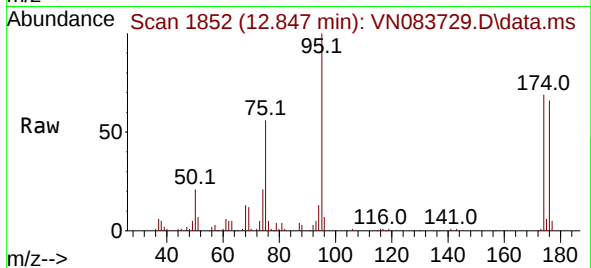




#62
4-Bromofluorobenzene
Concen: 58.996 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083729.D
Acq: 09 Sep 2024 20:12

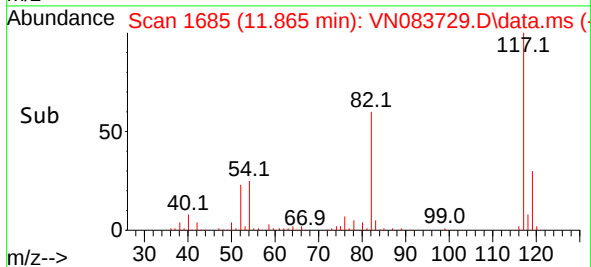
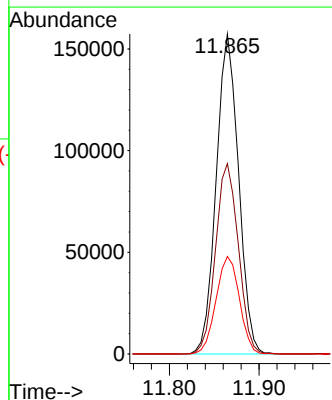
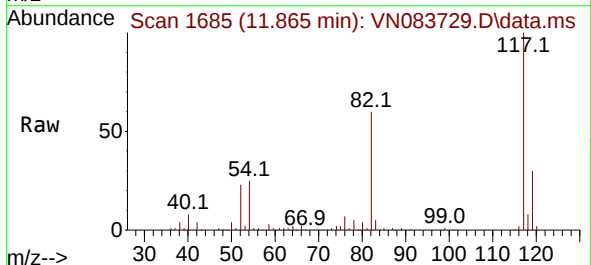
Instrument :
MSVOA_N
ClientSampleId :

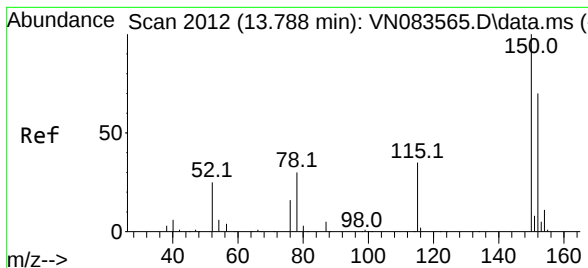
Tgt Ion: 95 Resp: 127958
Ion Ratio Lower Upper
95 100
174 70.4 0.0 139.8
176 67.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083729.D
Acq: 09 Sep 2024 20:12

Tgt Ion: 117 Resp: 271964
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 30.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN083729.D

Acq: 09 Sep 2024 20:12

Instrument :

MSVOA_N

ClientSampleId :

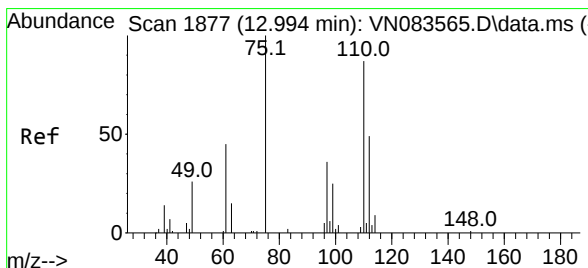
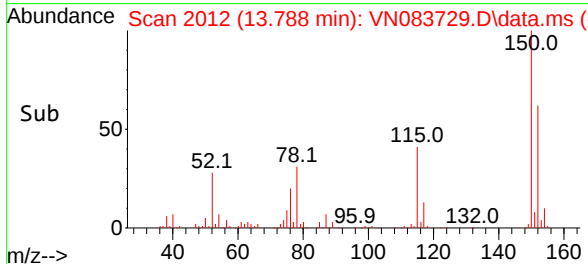
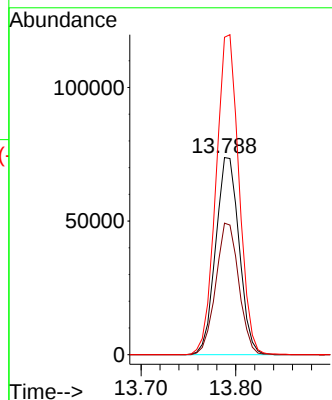
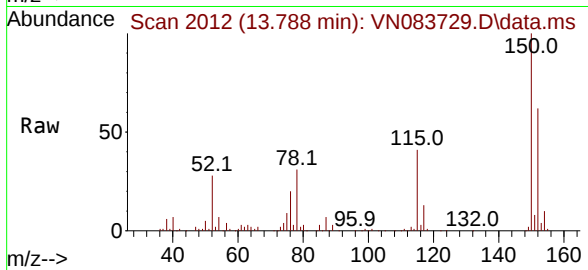
Tgt Ion:152 Resp: 126943

Ion Ratio Lower Upper

152 100

115 65.6 32.2 96.6

150 159.0 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 27.601 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083729.D

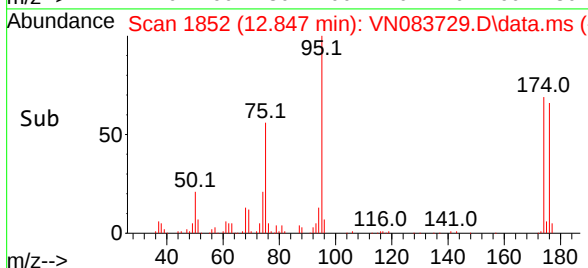
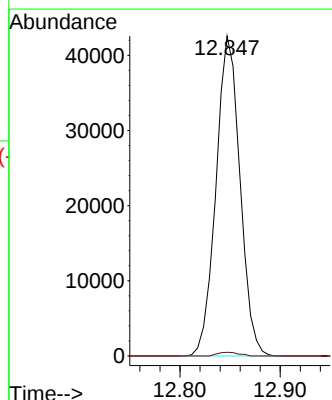
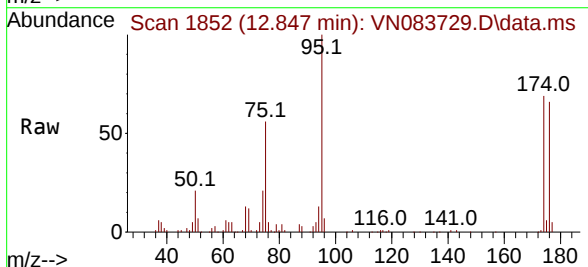
Acq: 09 Sep 2024 20:12

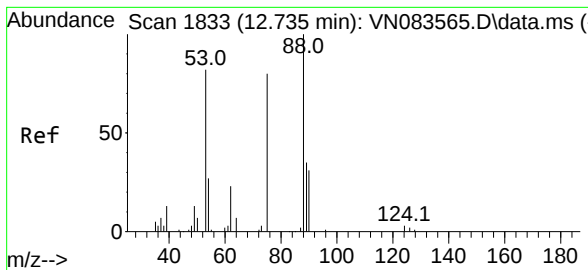
Tgt Ion: 75 Resp: 70739

Ion Ratio Lower Upper

75 100

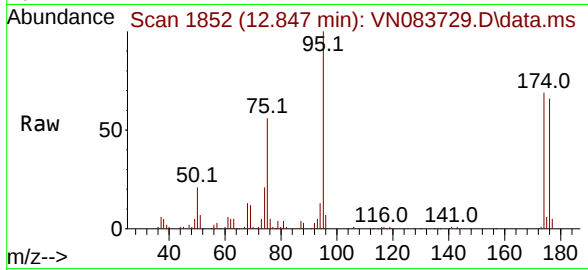
77 1.0 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.098 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083729.D
 Acq: 09 Sep 2024 20:12

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 70739
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

