

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083727.D
 Acq On : 09 Sep 2024 19:24
 Operator : JC\MD
 Sample : P3815-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 10 02:16:15 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)

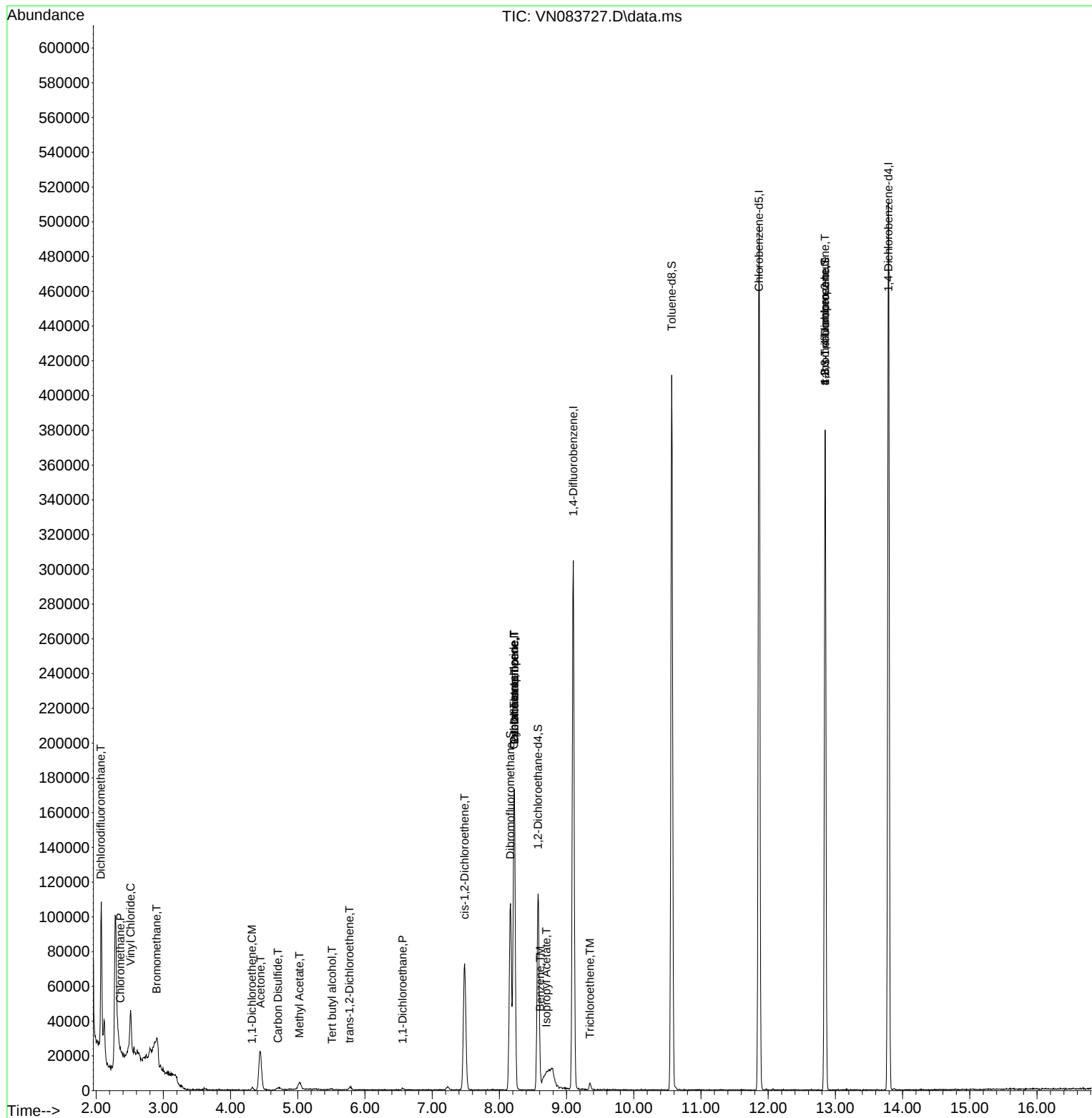
Internal Standards						
1) Pentafluorobenzene	8.224	168	118887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96136	57.859	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.720%
35) Dibromofluoromethane	8.165	113	77125	51.315	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.620%
50) Toluene-d8	10.565	98	272758	46.628	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.260%
62) 4-Bromofluorobenzene	12.847	95	128711	59.364	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	118.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.071	85	5454	4.335	ug/l	99
3) Chloromethane	2.359	50	826	0.564	ug/l #	41
4) Vinyl Chloride	2.512	62	16992	11.584	ug/l #	77
5) Bromomethane	2.900	94	210	0.272	ug/l #	2
11) Tert butyl alcohol	5.512	59	54	0.208	ug/l #	71
12) 1,1-Dichloroethene	4.318	96	693	0.532	ug/l #	41
16) Acetone	4.447	43	1508	2.276	ug/l	100
17) Carbon Disulfide	4.706	76	2975	0.784	ug/l #	75
18) Methyl Acetate	5.024	43	8476	4.810	ug/l #	86
21) trans-1,2-Dichloroethene	5.771	96	604	0.445	ug/l #	82
24) 1,1-Dichloroethane	6.559	63	1577	0.604	ug/l #	82
27) cis-1,2-Dichloroethene	7.482	96	42666	26.355	ug/l	89
31) Cyclohexane	8.224	56	2911	1.133	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	11147	4.862	ug/l #	50
38) Carbon Tetrachloride	8.218	117	14308	5.470	ug/l #	16
40) Benzene	8.606	78	3731	0.529	ug/l	94
43) Isopropyl Acetate	8.700	43	14396	2.011	ug/l #	57
44) Trichloroethene	9.347	130	1299	0.766	ug/l	94
76) 1,2,3-Trichloropropane	12.847	75	74241	28.343	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74241	66.850	ug/l #	9

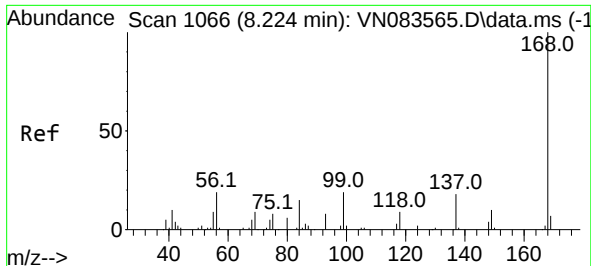
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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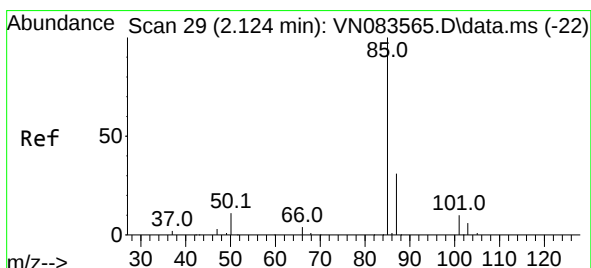
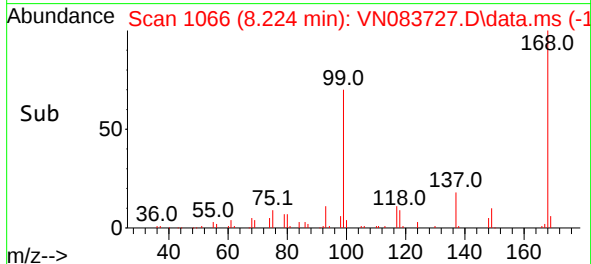
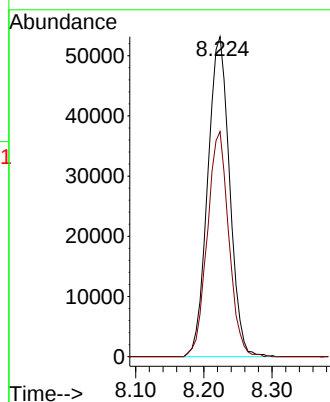
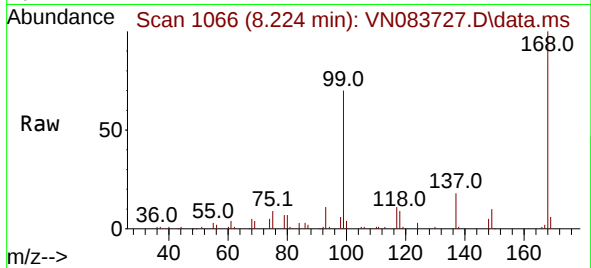




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

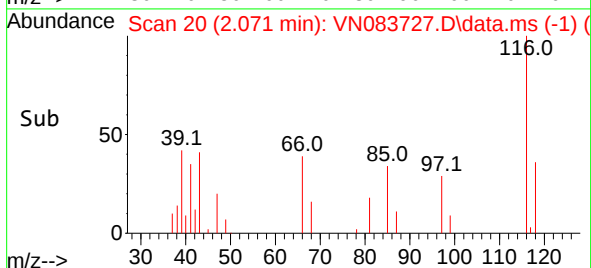
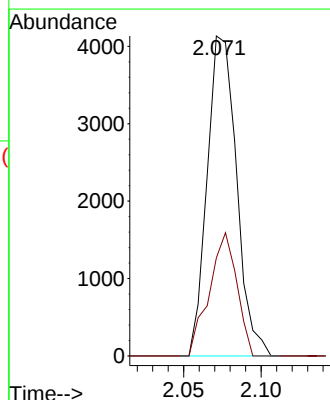
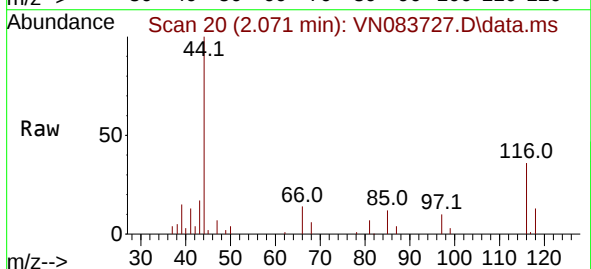
Instrument :
MSVOA_N
ClientSampleId :

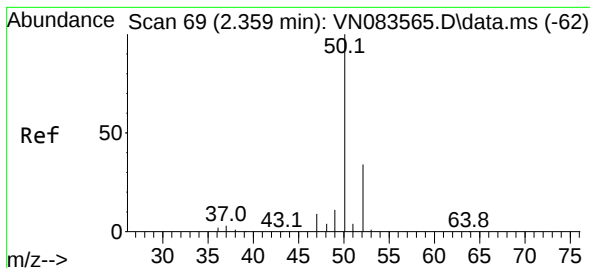
Tgt Ion:168 Resp: 118887
Ion Ratio Lower Upper
168 100
99 70.3 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 4.335 ug/l
RT: 2.071 min Scan# 20
Delta R.T. -0.053 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

Tgt Ion: 85 Resp: 5454
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.0





#3

Chloromethane

Concen: 0.564 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN083727.D

Acq: 09 Sep 2024 19:24

Instrument :

MSVOA_N

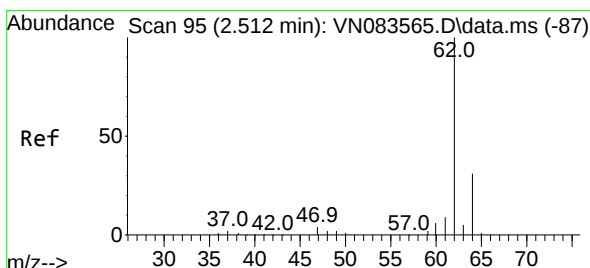
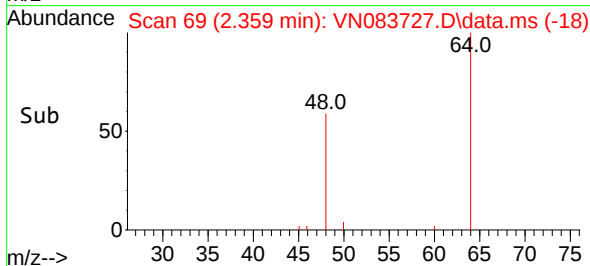
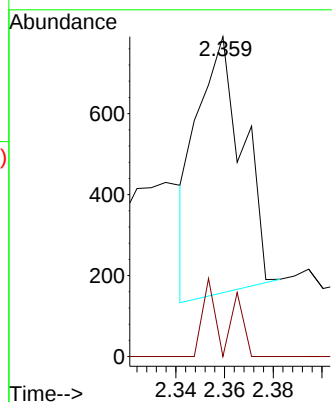
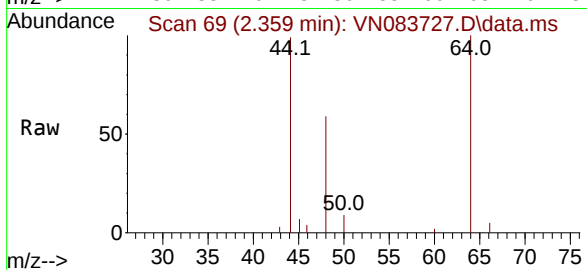
ClientSampleId :

Tgt Ion: 50 Resp: 826

Ion Ratio Lower Upper

50 100

52 0.0 27.2 40.8#



#4

Vinyl Chloride

Concen: 11.584 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN083727.D

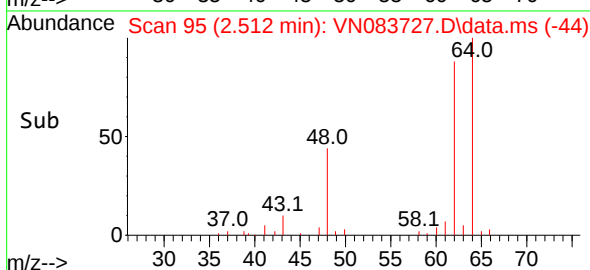
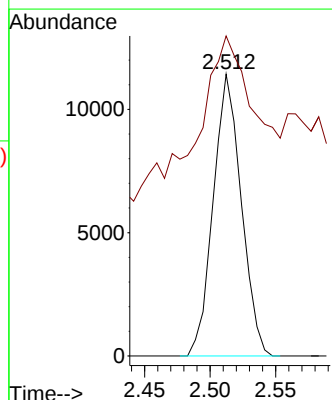
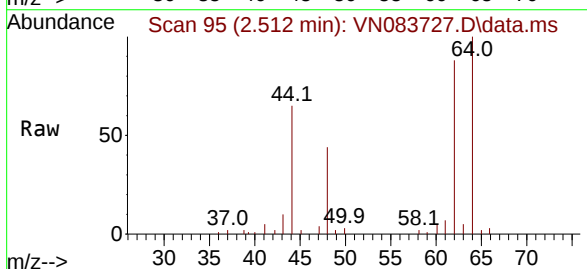
Acq: 09 Sep 2024 19:24

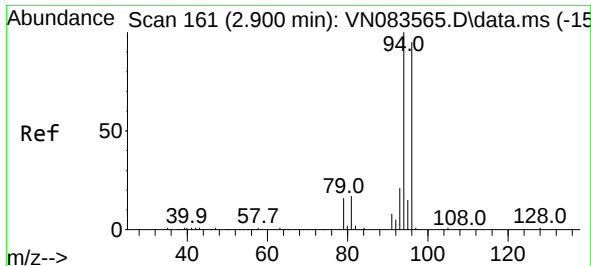
Tgt Ion: 62 Resp: 16992

Ion Ratio Lower Upper

62 100

64 43.7 24.7 37.1#

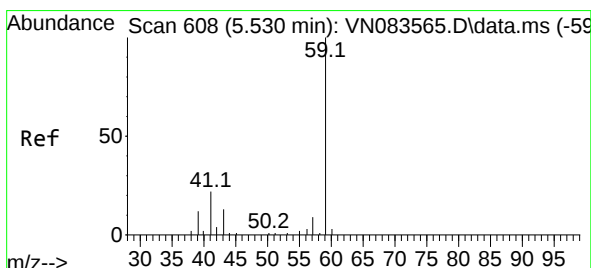
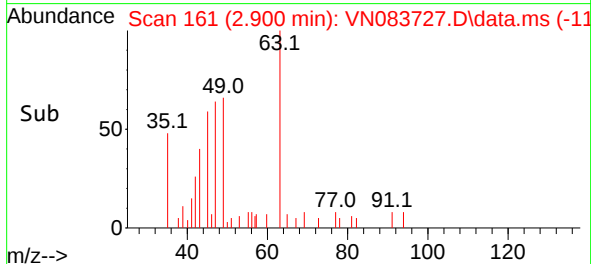
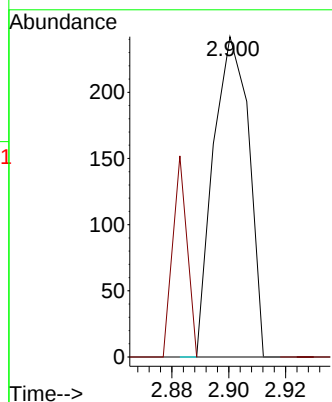
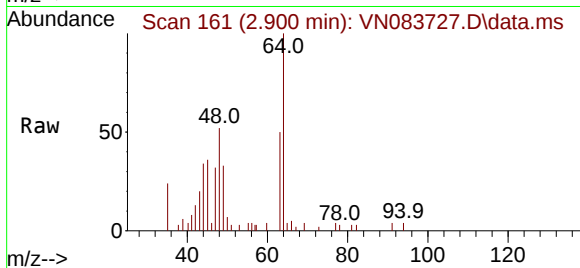




#5
Bromomethane
Concen: 0.272 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

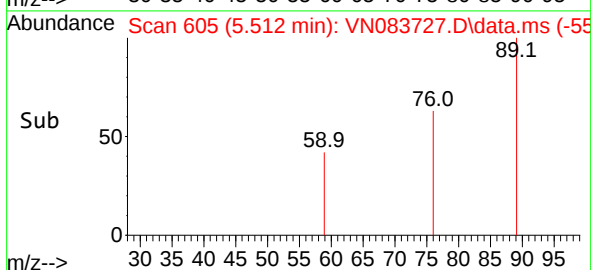
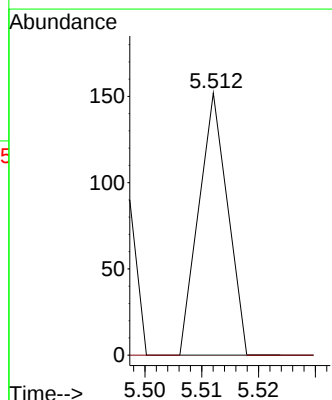
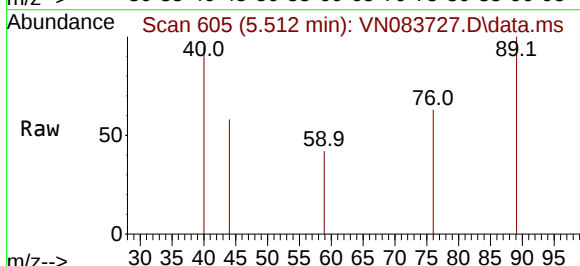
Instrument :
MSVOA_N
ClientSampleId :

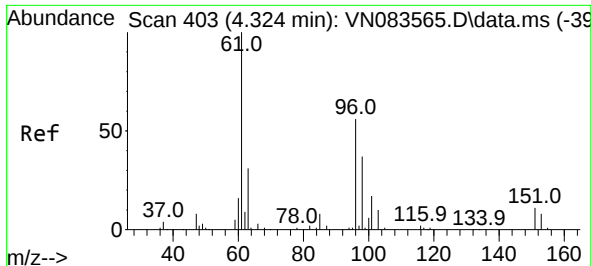
Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#11
Tert butyl alcohol
Concen: 0.208 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.018 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#12

1,1-Dichloroethene

Concen: 0.532 ug/l

RT: 4.318 min Scan# 403

Delta R.T. -0.006 min

Lab File: VN083727.D

Acq: 09 Sep 2024 19:24

Instrument :

MSVOA_N

ClientSampleId :

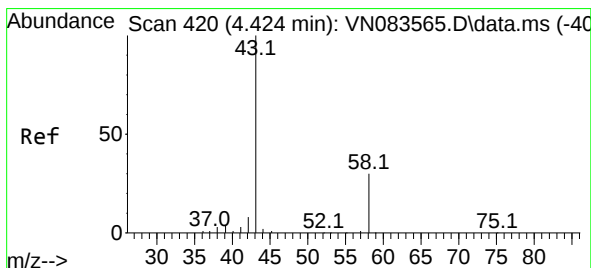
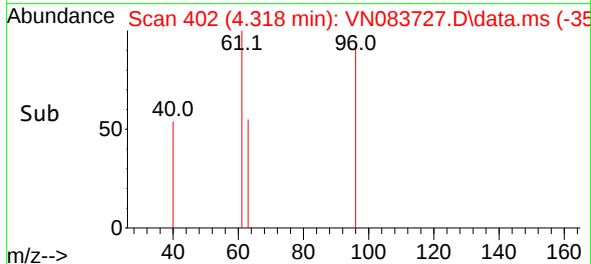
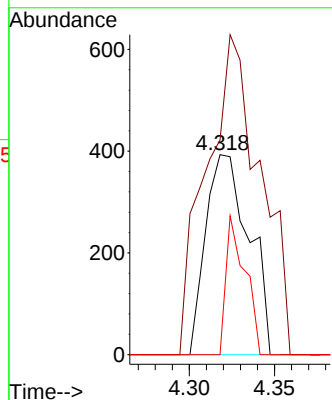
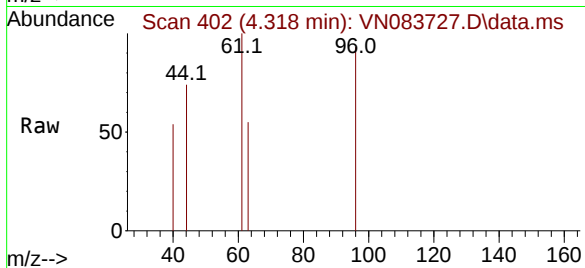
Tgt Ion: 96 Resp: 693

Ion Ratio Lower Upper

96 100

61 107.4 143.4 215.0#

98 0.0 52.7 79.1#



#16

Acetone

Concen: 2.276 ug/l

RT: 4.447 min Scan# 424

Delta R.T. 0.023 min

Lab File: VN083727.D

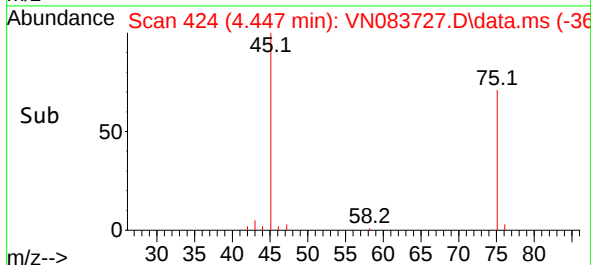
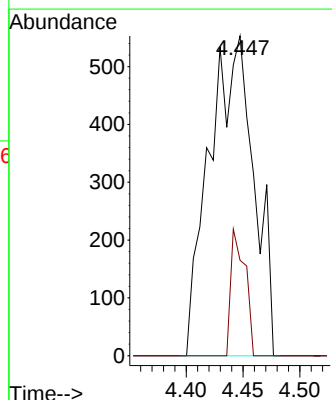
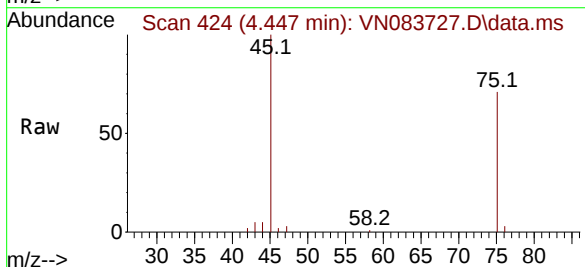
Acq: 09 Sep 2024 19:24

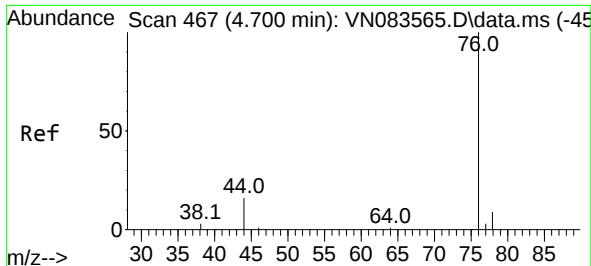
Tgt Ion: 43 Resp: 1508

Ion Ratio Lower Upper

43 100

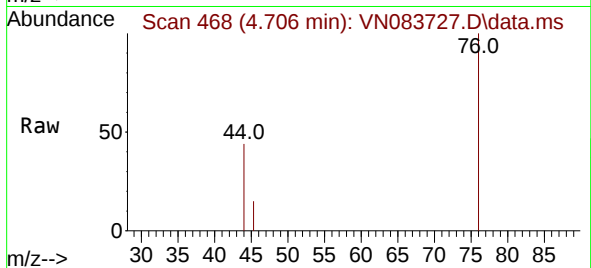
58 29.8 23.7 35.5



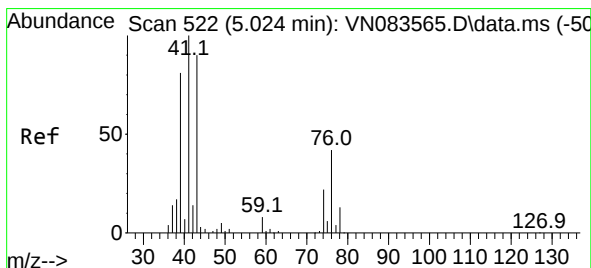
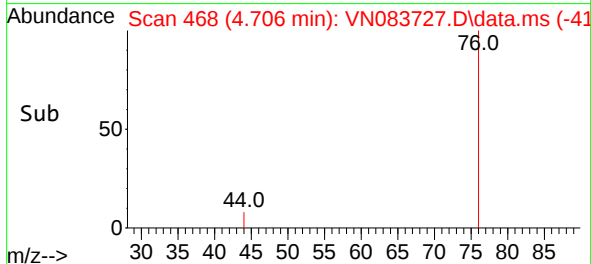
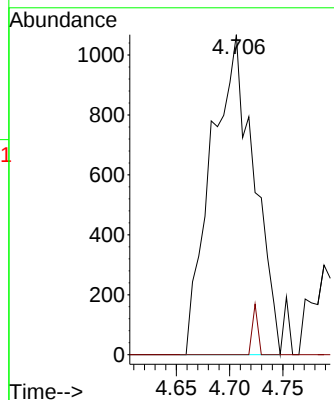


#17
Carbon Disulfide
Concen: 0.784 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

Instrument :
MSVOA_N
ClientSampleId :

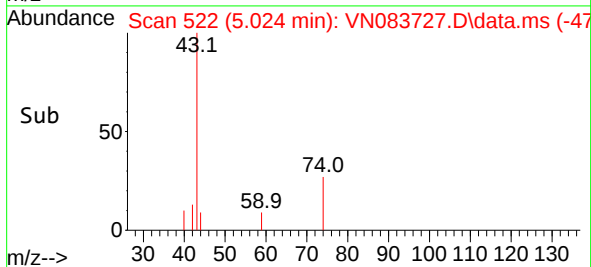
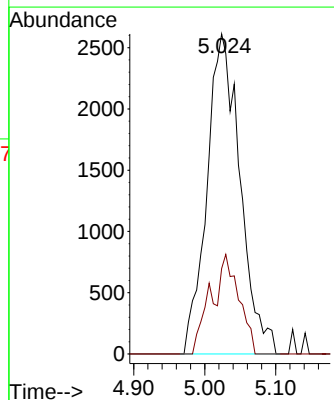
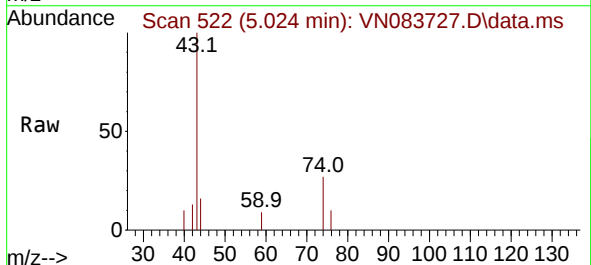


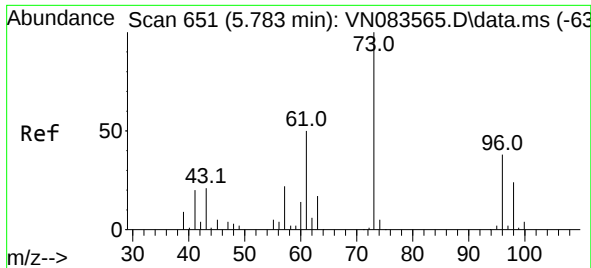
Tgt Ion: 76 Resp: 2975
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 4.810 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

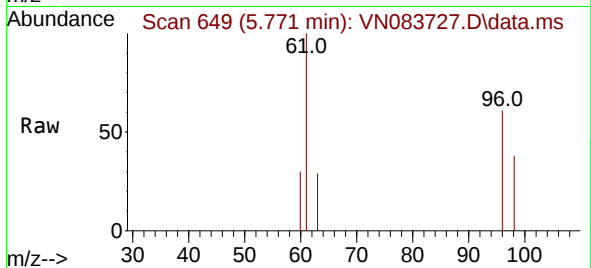
Tgt Ion: 43 Resp: 8476
Ion Ratio Lower Upper
43 100
74 17.0 19.0 28.4#



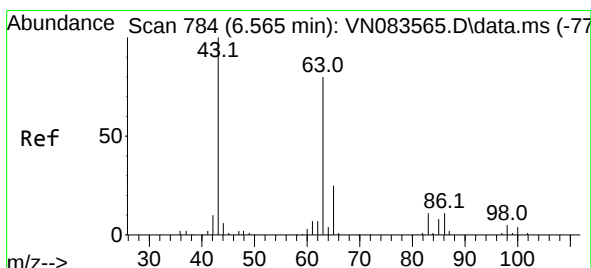
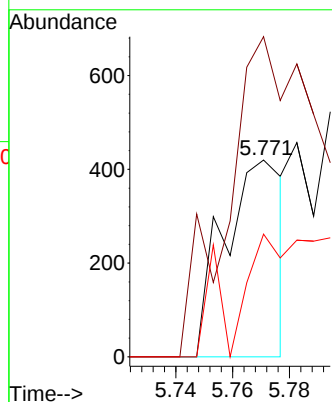
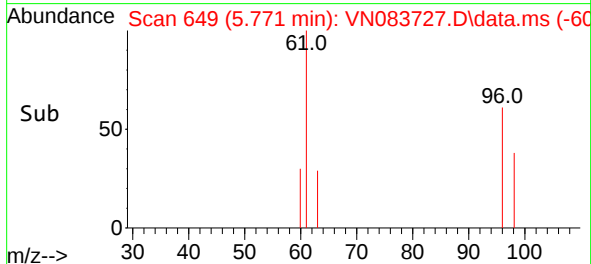


#21
trans-1,2-Dichloroethene
Concen: 0.445 ug/l
RT: 5.771 min Scan# 64
Delta R.T. -0.012 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

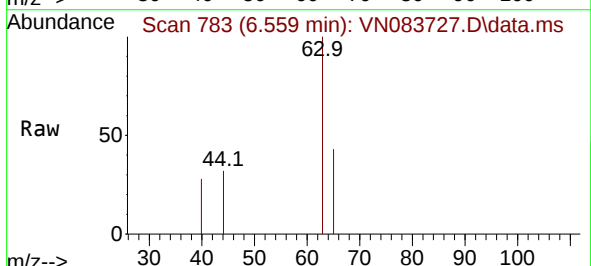
Instrument :
MSVOA_N
ClientSampleId :



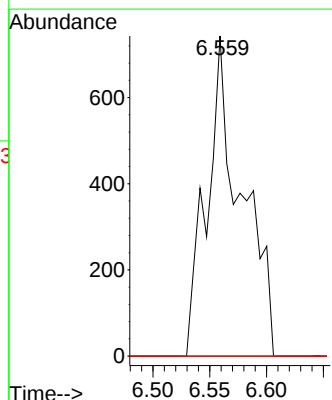
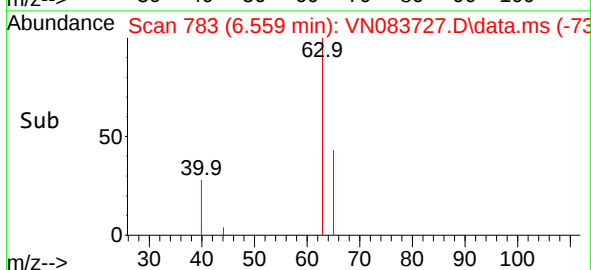
Tgt Ion: 96 Resp: 604
Ion Ratio Lower Upper
96 100
61 162.6 106.0 159.0#
98 62.4 52.2 78.2

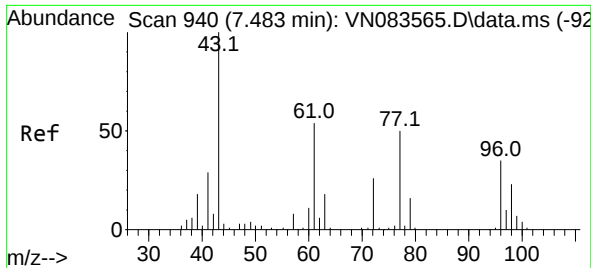


#24
1,1-Dichloroethane
Concen: 0.604 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.006 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24



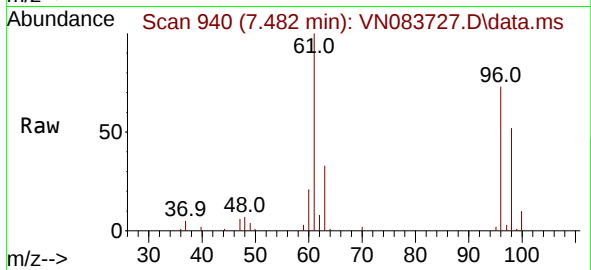
Tgt Ion: 63 Resp: 1577
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.5 7.5#





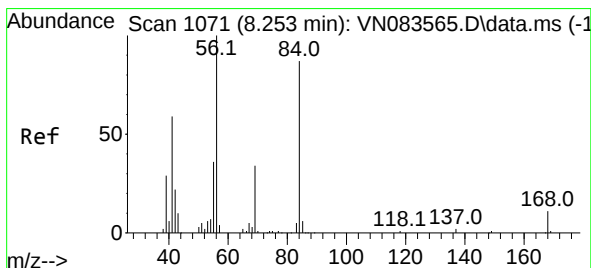
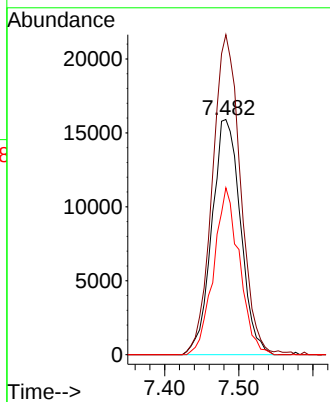
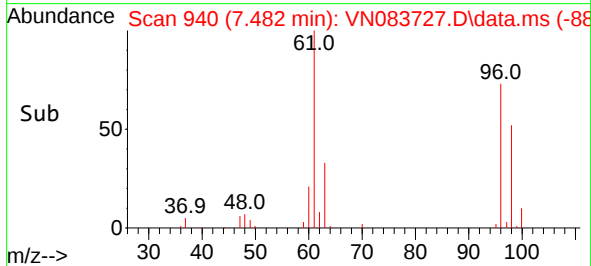
#27
 cis-1,2-Dichloroethene
 Concen: 26.355 ug/l
 RT: 7.482 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VN083727.D
 Acq: 09 Sep 2024 19:24

Instrument :
 MSVOA_N
 ClientSampleId :

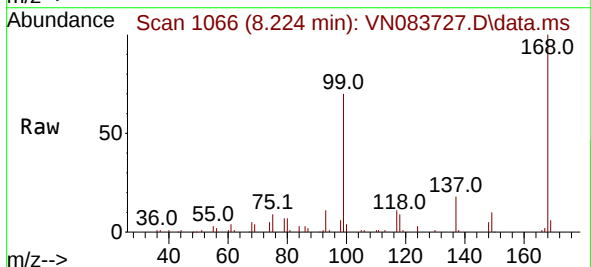


Tgt Ion: 96 Resp: 42666

Ion	Ratio	Lower	Upper
96	100		
61	133.7	0.0	306.2
98	64.0	0.0	128.6

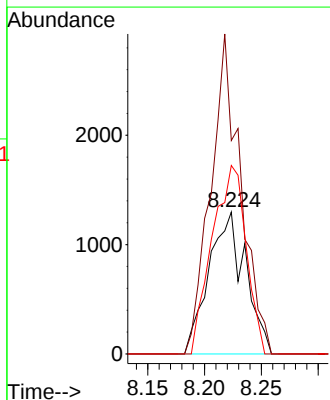
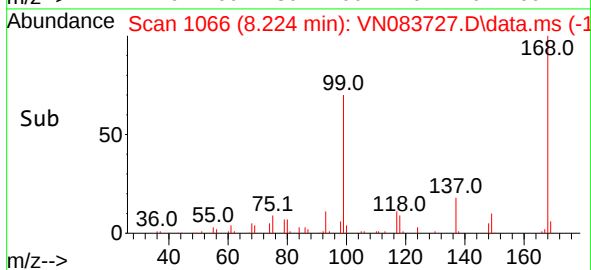


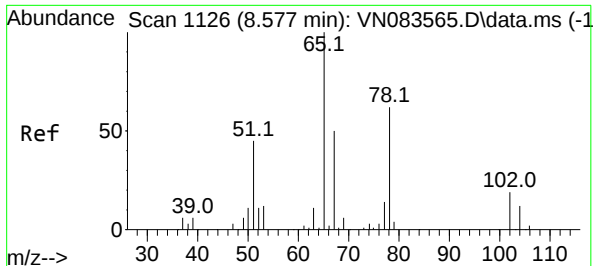
#31
 Cyclohexane
 Concen: 1.133 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.029 min
 Lab File: VN083727.D
 Acq: 09 Sep 2024 19:24



Tgt Ion: 56 Resp: 2911

Ion	Ratio	Lower	Upper
56	100		
69	150.5	26.9	40.3#
84	132.8	69.2	103.8#





#33

1,2-Dichloroethane-d4

Concen: 57.859 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083727.D

Acq: 09 Sep 2024 19:24

Instrument :

MSVOA_N

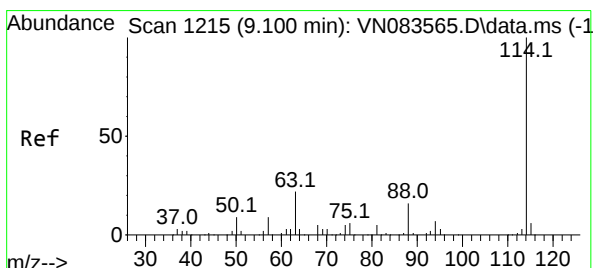
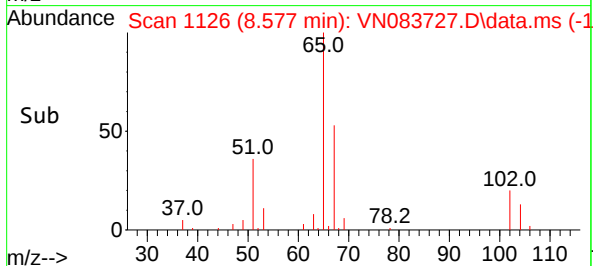
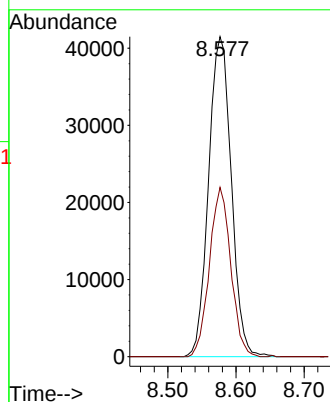
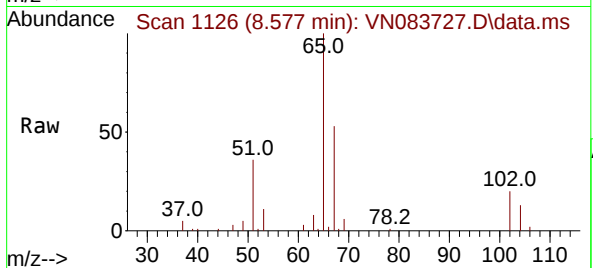
ClientSampleId :

Tgt Ion: 65 Resp: 96136

Ion Ratio Lower Upper

65 100

67 49.7 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: VN083727.D

Acq: 09 Sep 2024 19:24

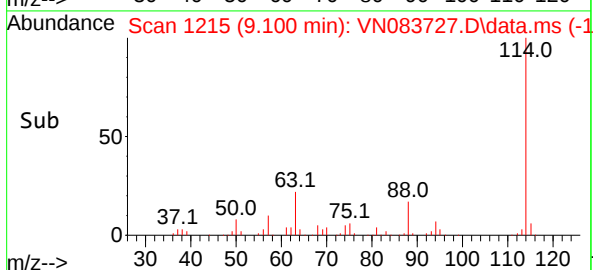
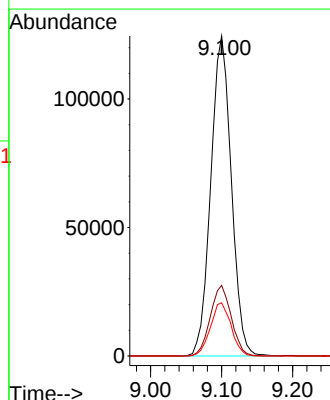
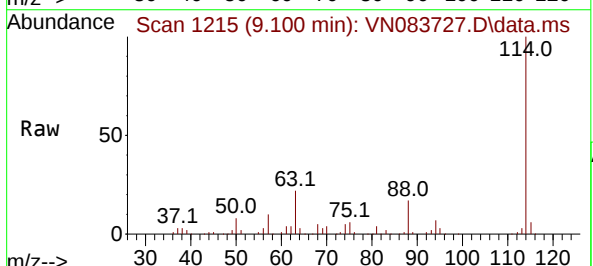
Tgt Ion: 114 Resp: 249715

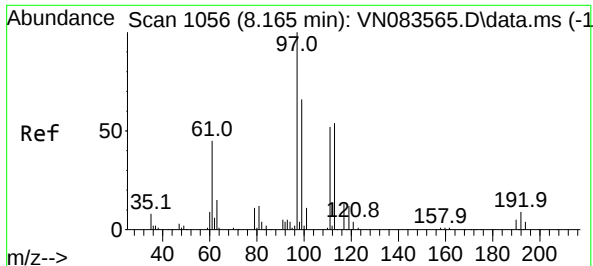
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.315 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083727.D

Acq: 09 Sep 2024 19:24

Instrument :

MSVOA_N

ClientSampleId :

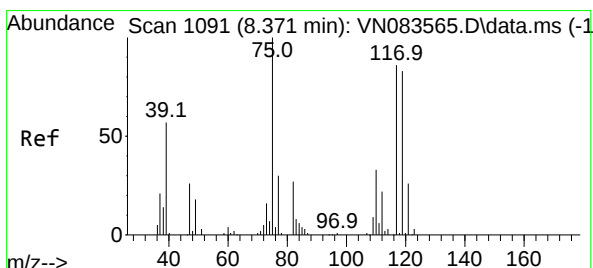
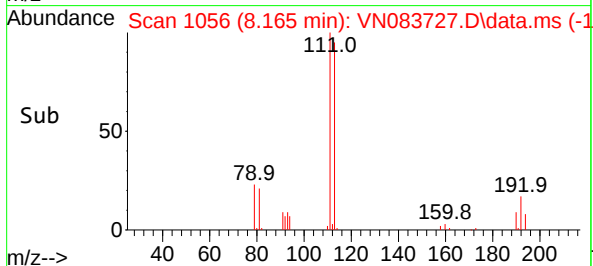
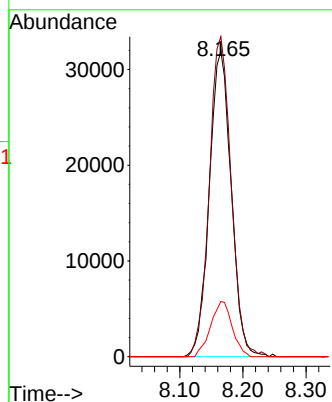
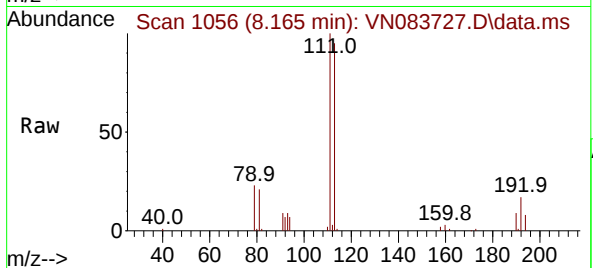
Tgt Ion:113 Resp: 77125

Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 17.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.862 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083727.D

Acq: 09 Sep 2024 19:24

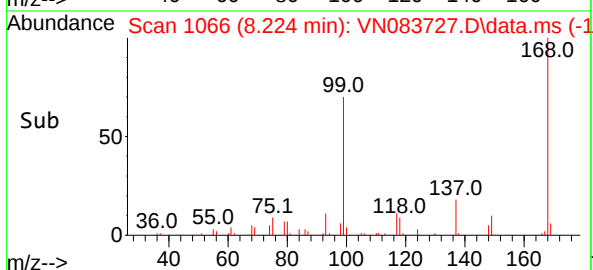
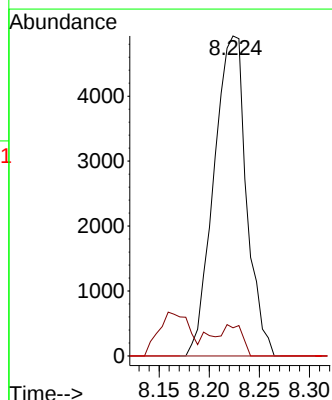
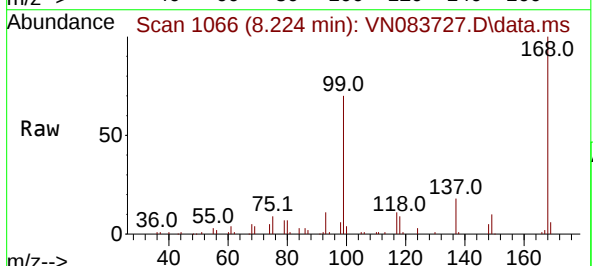
Tgt Ion: 75 Resp: 11147

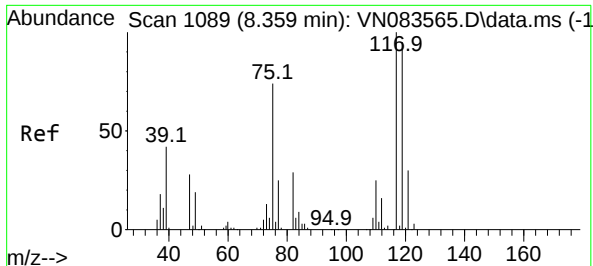
Ion Ratio Lower Upper

75 100

110 9.2 16.7 50.1#

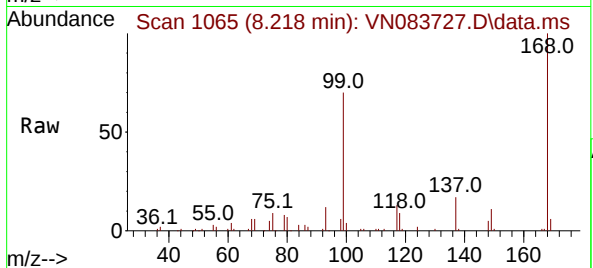
77 0.0 25.2 37.8#



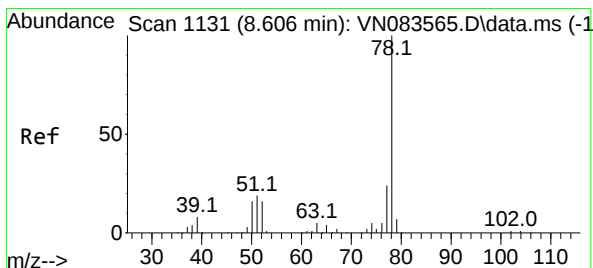
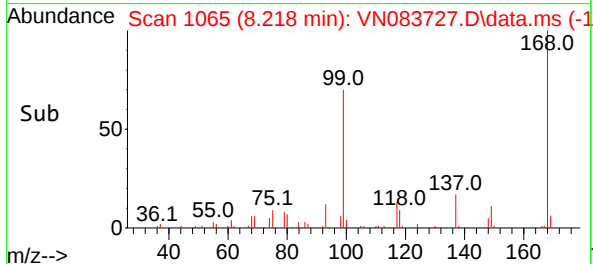
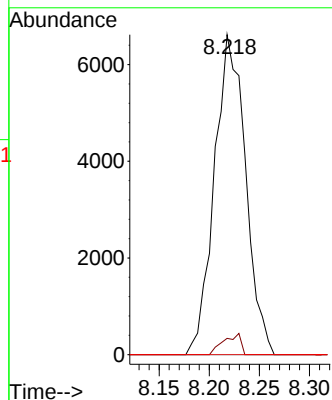


#38
Carbon Tetrachloride
Concen: 5.470 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

Instrument :
MSVOA_N
ClientSampleId :

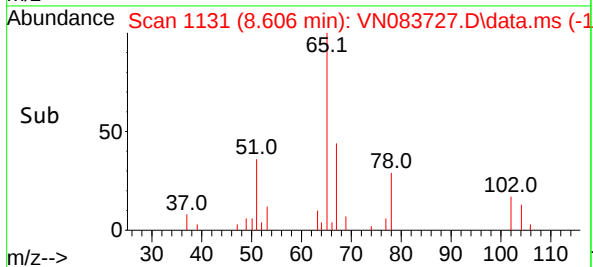
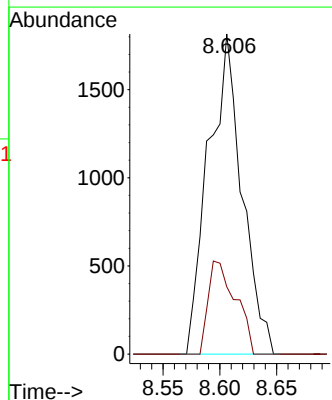
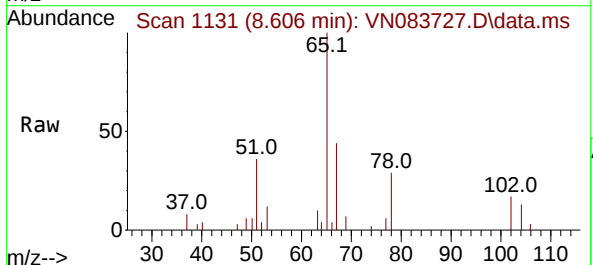


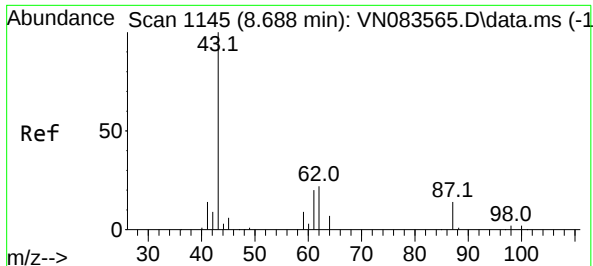
Tgt Ion:117 Resp: 14308
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.1 36.1#



#40
Benzene
Concen: 0.529 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

Tgt Ion: 78 Resp: 3731
Ion Ratio Lower Upper
78 100
77 21.0 19.0 28.6

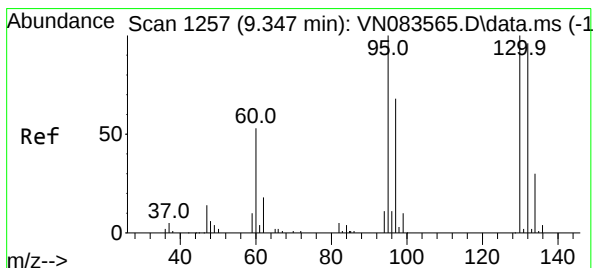
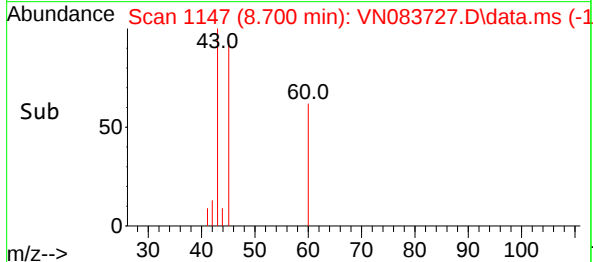
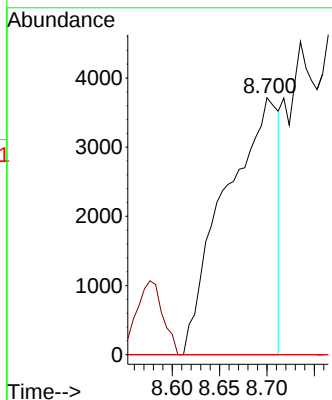
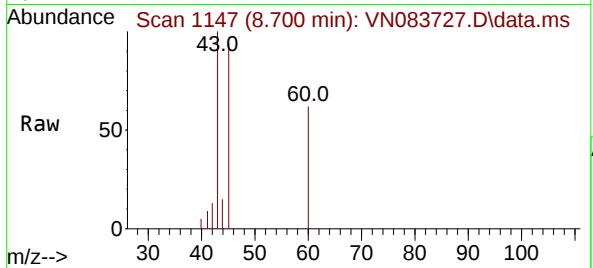




#43
Isopropyl Acetate
Concen: 2.011 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

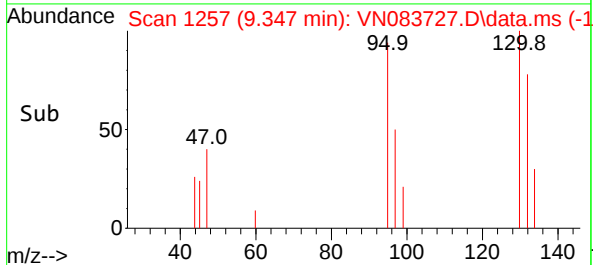
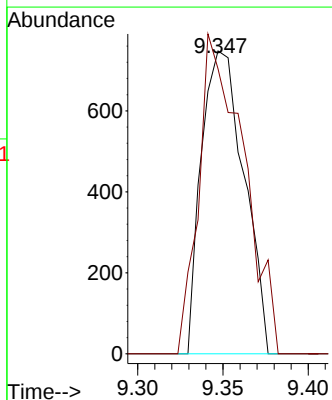
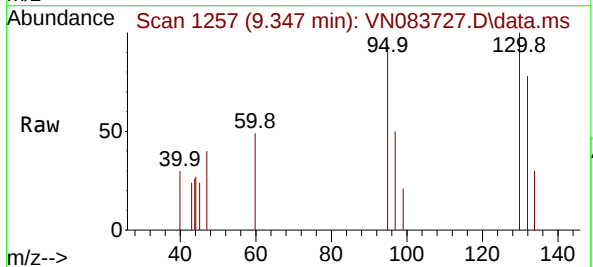
Instrument :
MSVOA_N
ClientSampleId :

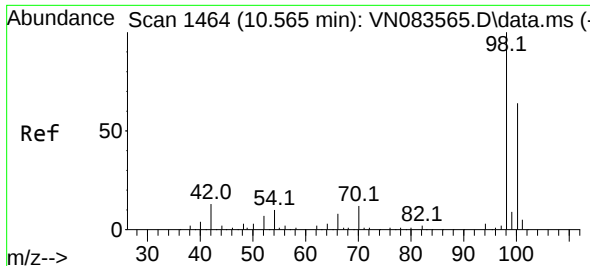
Tgt Ion: 43 Resp: 14396
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 0.766 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

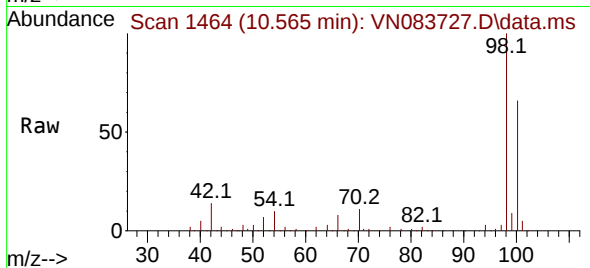
Tgt Ion:130 Resp: 1299
Ion Ratio Lower Upper
130 100
95 94.1 0.0 200.4



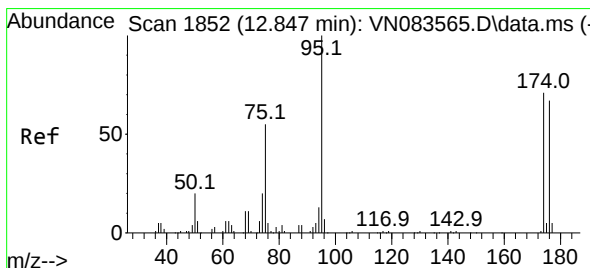
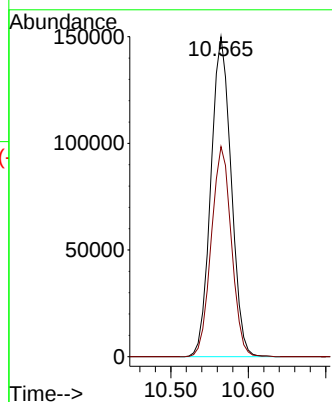
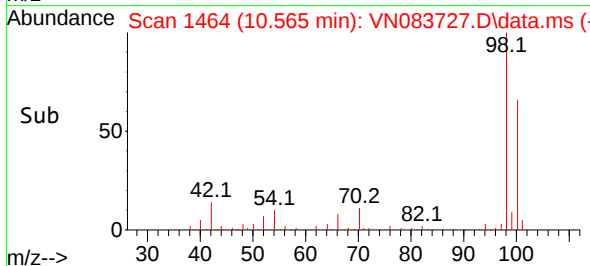


#50
Toluene-d8
Concen: 46.628 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

Instrument :
MSVOA_N
ClientSampleId :

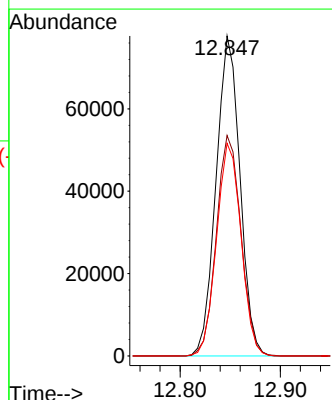
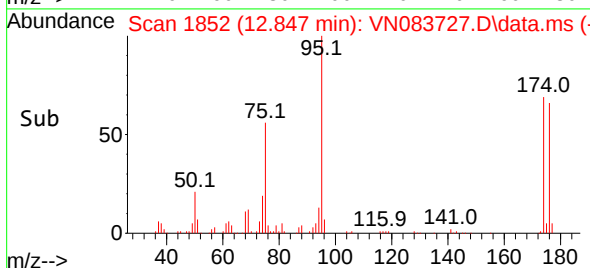
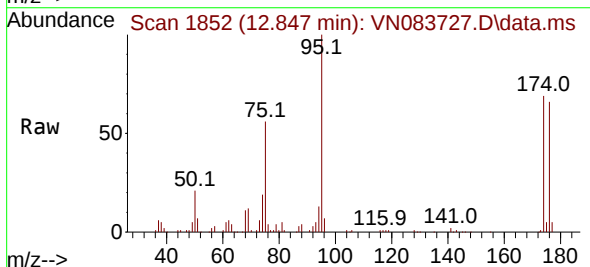


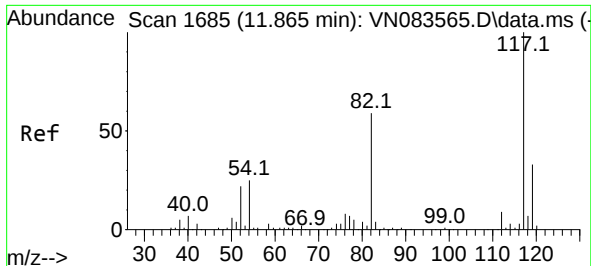
Tgt Ion: 98 Resp: 272758
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 59.364 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

Tgt Ion: 95 Resp: 128711
Ion Ratio Lower Upper
95 100
174 70.9 0.0 139.8
176 67.9 0.0 131.4

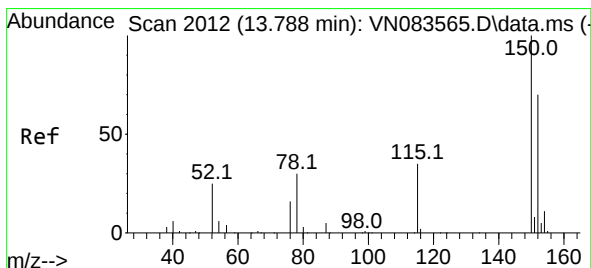
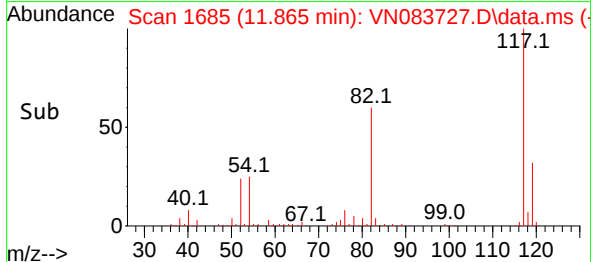
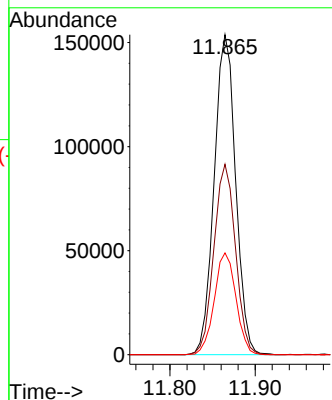
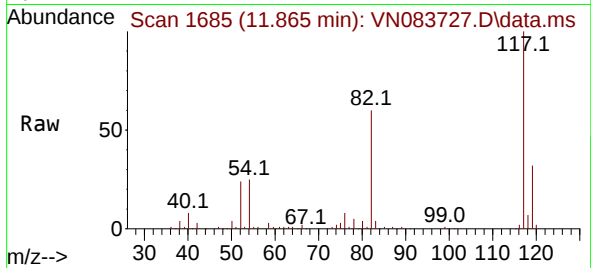




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

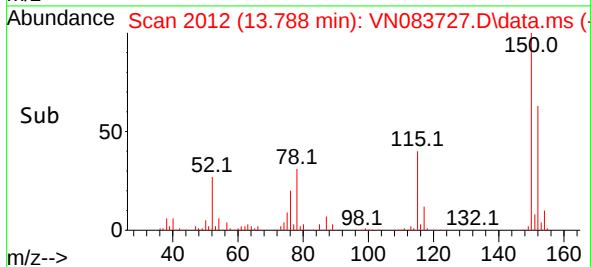
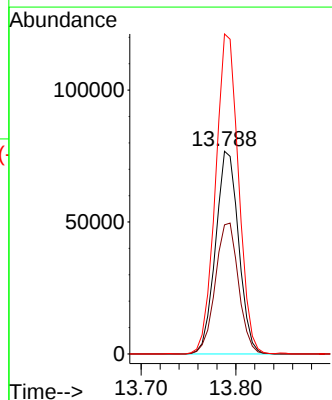
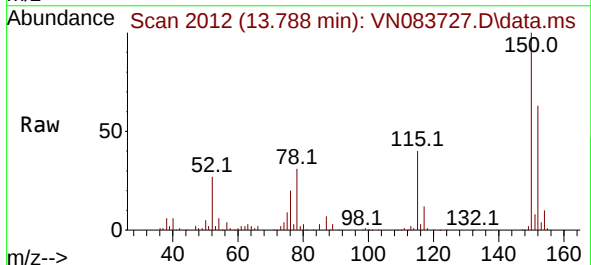
Instrument :
MSVOA_N
ClientSampleId :

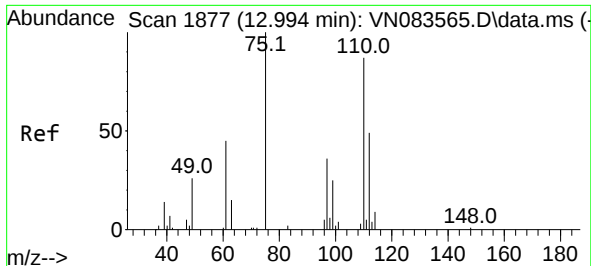
Tgt Ion:117 Resp: 268827
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

Tgt Ion:152 Resp: 129736
Ion Ratio Lower Upper
152 100
115 65.3 32.2 96.6
150 157.8 0.0 348.6

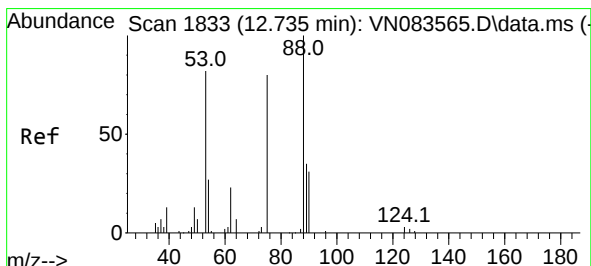
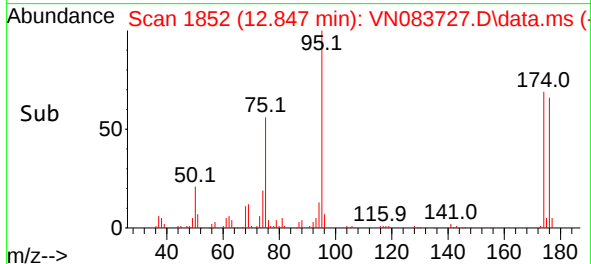
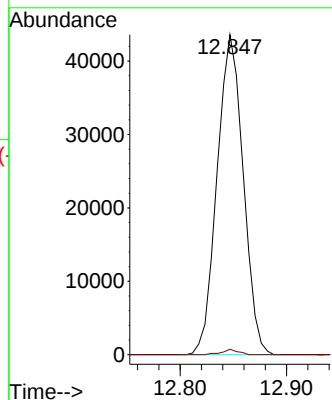
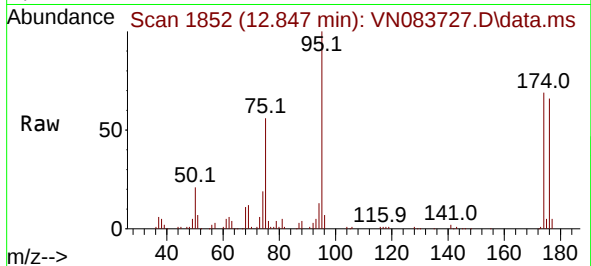




#76
1,2,3-Trichloropropane
Concen: 28.343 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 74241
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.850 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083727.D
Acq: 09 Sep 2024 19:24

Tgt Ion: 75 Resp: 74241
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

