

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083965.D
 Acq On : 18 Sep 2024 06:21
 Operator : JC\MD
 Sample : P3964-04
 Misc : 7.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 06:44:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	187467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	318742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	273182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135247	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	135364	47.887	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.780%
35) Dibromofluoromethane	8.159	113	95766	46.932	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.860%
50) Toluene-d8	10.565	98	396256	56.172	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.340%
62) 4-Bromofluorobenzene	12.847	95	152736	52.479	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.960%

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	368	Below Cal	#	41
5) Bromomethane	2.900	94	465	0.339	ug/l	81
11) Tert butyl alcohol	5.494	59	2651	7.003	ug/l	# 71
13) Acrolein	4.100	56	676	1.810	ug/l	# 1
14) Allyl chloride	5.112	41	4742	1.312	ug/l	# 58
15) Acrylonitrile	5.777	53	1411	1.371	ug/l	# 12
16) Acetone	4.383	43	35612	31.427	ug/l	# 52
18) Methyl Acetate	5.253	43	75573	31.315	ug/l	# 52
20) Methylene Chloride	5.247	84	601	0.259	ug/l	# 3
23) Vinyl Acetate	6.577	43	3095	0.568	ug/l	# 71
25) 2-Butanone	7.488	43	9041	6.070	ug/l	# 61
28) Bromochloromethane	7.994	49	399	0.221	ug/l	# 14
29) Tetrahydrofuran	7.835	42	946	1.074	ug/l	# 32
30) Chloroform	7.924	83	21065	4.631	ug/l	# 17
31) Cyclohexane	8.218	56	120814	29.572	ug/l	# 51
36) 1,1-Dichloropropene	8.218	75	17869	5.818	ug/l	# 57
37) Ethyl Acetate	7.488	43	9041	3.243	ug/l	# 68
38) Carbon Tetrachloride	8.218	117	22160	6.360	ug/l	# 16
39) Methylcyclohexane	9.594	83	136131	38.940	ug/l	# 67
40) Benzene	8.600	78	3402	0.368	ug/l	# 69
41) Methacrylonitrile	7.741	41	924	0.560	ug/l	# 23
43) Isopropyl Acetate	8.700	43	30936	6.124	ug/l	# 57
45) 1,2-Dichloropropane	9.594	63	3960	1.772	ug/l	# 1
46) Dibromomethane	9.653	93	444	0.284	ug/l	# 1
47) Bromodichloromethane	9.870	83	45181	13.340	ug/l	# 26
48) Methyl methacrylate	9.641	41	151127	63.052	ug/l	# 44
51) 4-Methyl-2-Pentanone	10.494	43	213028	77.464	ug/l	# 76
52) Toluene	10.623	92	82390	14.571	ug/l	99
53) t-1,3-Dichloropropene	10.688	75	1312	0.382	ug/l	# 80
55) 1,1,2-Trichloroethane	11.000	97	40231	19.058	ug/l	# 5
56) Ethyl methacrylate	10.847	69	13019	4.009	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	10.147	63	5172	4.420	ug/l	# 46
59) 2-Hexanone	11.170	43	69152	33.994	ug/l	# 31
61) 1,2-Dibromoethane	11.441	107	717	0.341	ug/l	# 1
67) Ethyl Benzene	11.959	91	2360344	218.839	ug/l	99
68) m/p-Xylenes	12.064	106	3932241	981.988	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083965.D
 Acq On : 18 Sep 2024 06:21
 Operator : JC\MD
 Sample : P3964-04
 Misc : 7.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 06:44:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

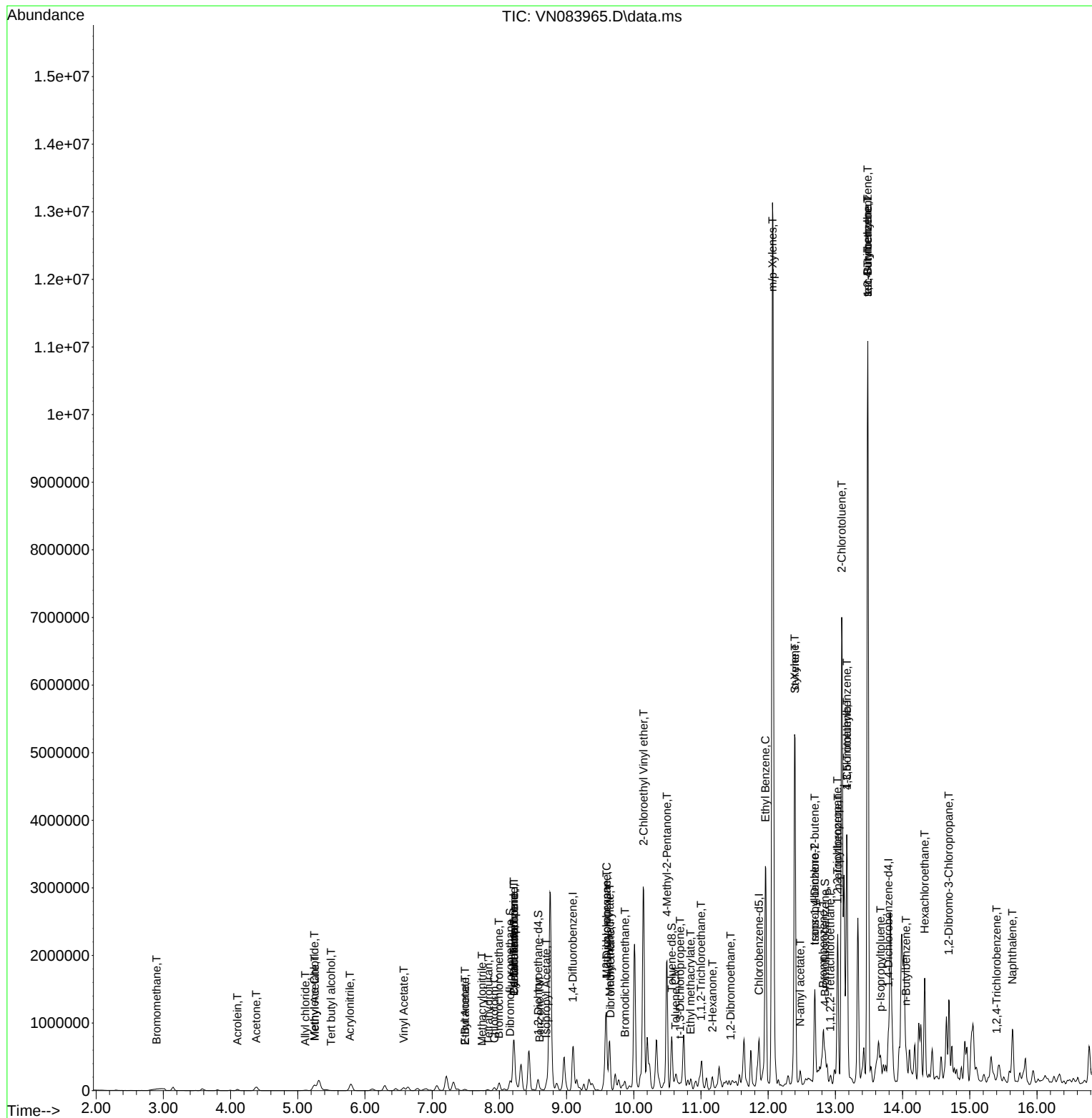
69) o-Xylene	12.394	106	1404003	362.182	ug/l	100
70) Styrene	12.400	104	71896	11.301	ug/l #	1
73) Isopropylbenzene	12.694	105	924042	88.311	ug/l	99
74) N-amyl acetate	12.476	43	47129	10.557	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.923	83	5240	1.704	ug/l #	1
76) 1,2,3-Trichloropropane	13.029	75	11678	4.279	ug/l #	1
77) Bromobenzene	12.817	156	577	0.229	ug/l #	1
78) n-propylbenzene	13.035	91	1721208	141.378	ug/l	99
79) 2-Chlorotoluene	13.094	91	532853	68.629	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.170	105	1795709	203.554	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.694	75	12573	12.066	ug/l #	67
82) 4-Chlorotoluene	13.170	91	203046	26.060	ug/l #	45
83) tert-Butylbenzene	13.482	119	719263	93.191	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.482	105	6152688	694.311	ug/l	100
85) sec-Butylbenzene	13.482	105	6152688	601.089	ug/l #	57
86) p-Isopropyltoluene	13.670	119	136925	15.958	ug/l	96
89) n-Butylbenzene	14.053	91	183348	23.799	ug/l #	78
90) Hexachloroethane	14.329	117	71316	41.347	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.688	75	4224	6.892	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.400	180	679	0.276	ug/l #	1
95) Naphthalene	15.635	128	724146	96.688	ug/l	99

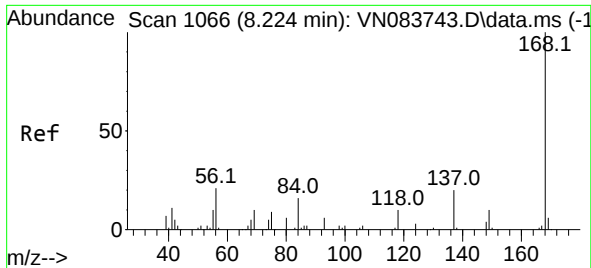
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083965.D
Acq On : 18 Sep 2024 06:21
Operator : JC\MD
Sample : P3964-04
Misc : 7.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 18 06:44:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

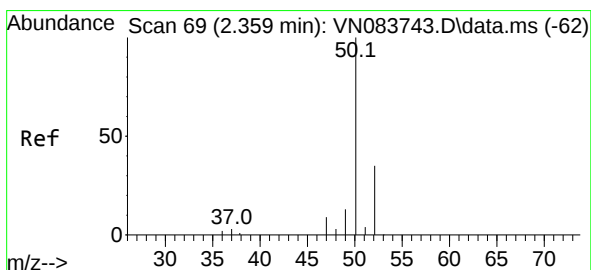
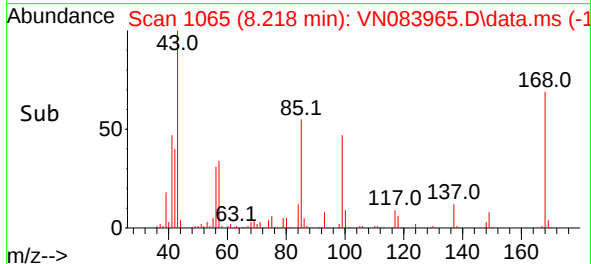
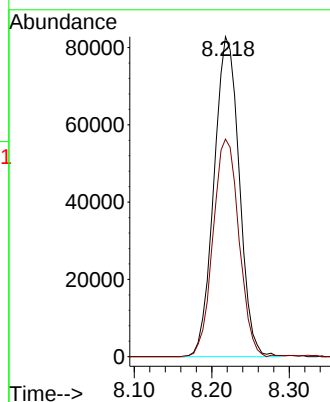
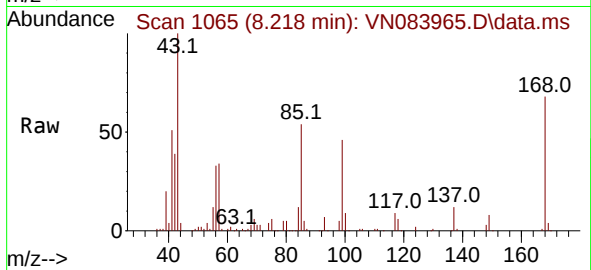




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

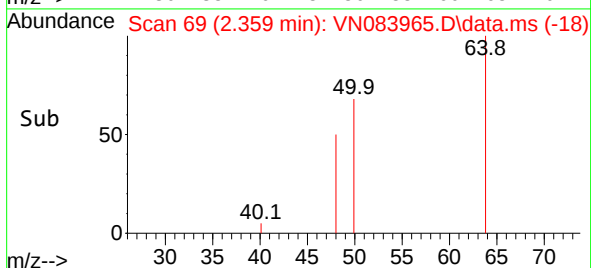
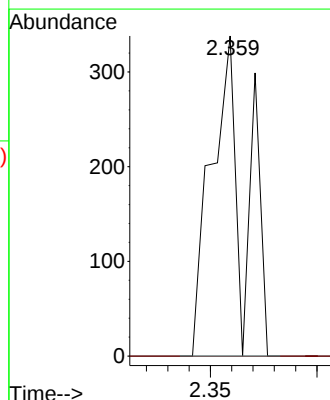
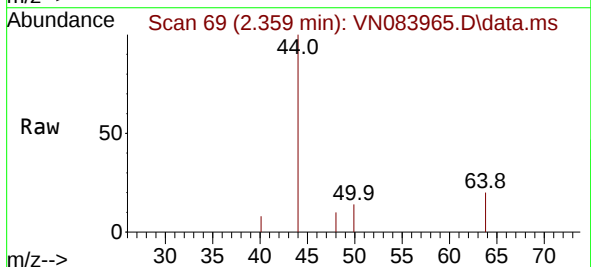
Instrument :
MSVOA_N
ClientSampleId :

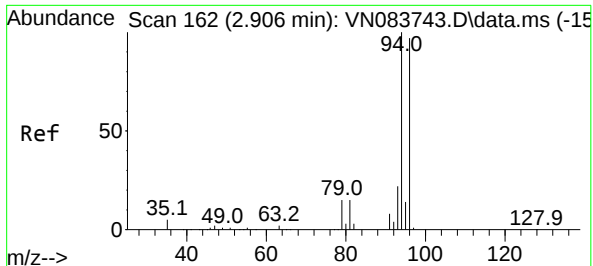
Tgt Ion:168 Resp: 187467
Ion Ratio Lower Upper
168 100
99 68.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion: 50 Resp: 368
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

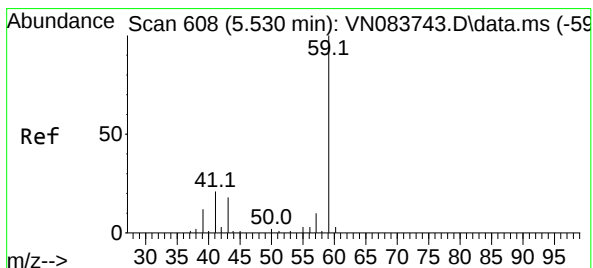
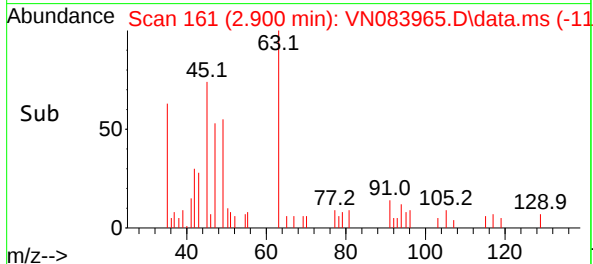
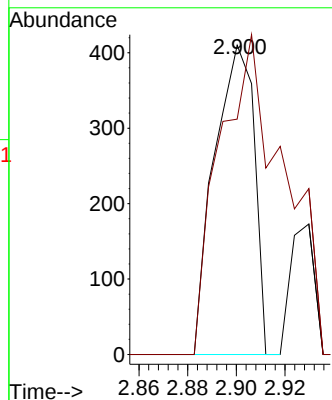
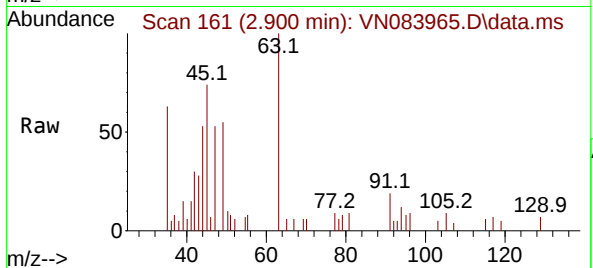




#5
Bromomethane
Concen: 0.339 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

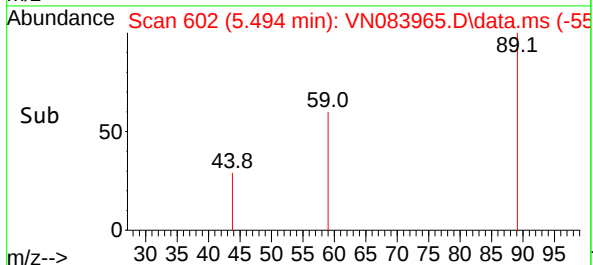
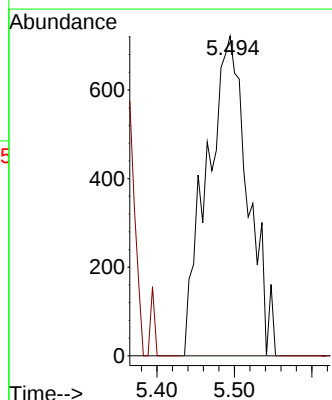
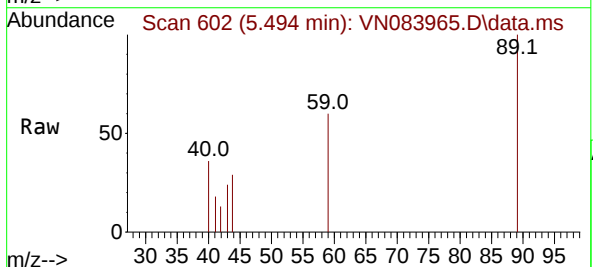
Instrument :
MSVOA_N
ClientSampleId :

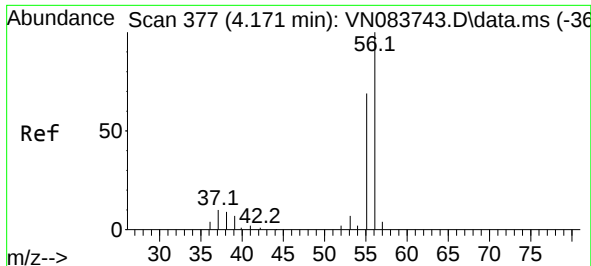
Tgt Ion: 94 Resp: 465
Ion Ratio Lower Upper
94 100
96 76.1 76.0 114.0



#11
Tert butyl alcohol
Concen: 7.003 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.035 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion: 59 Resp: 2651
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: 1.810 ug/l

RT: 4.100 min Scan# 3

Delta R.T. -0.071 min

Lab File: VN083965.D

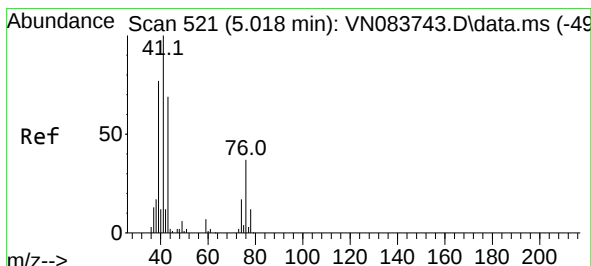
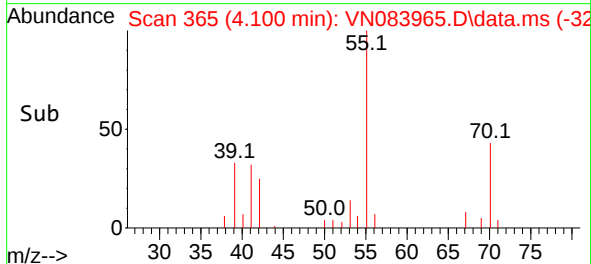
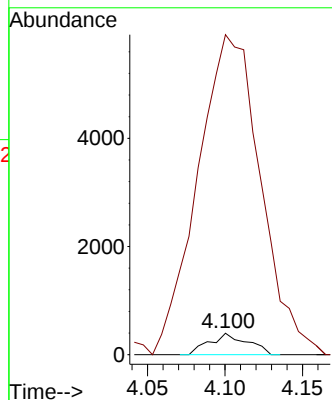
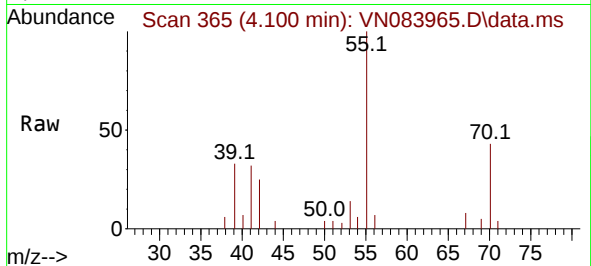
Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 56 Resp: 676
 Ion Ratio Lower Upper
 56 100
 55 2473.1 58.2 87.2#



#14

Allyl chloride

Concen: 1.312 ug/l

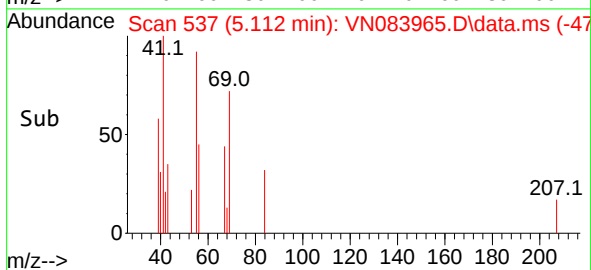
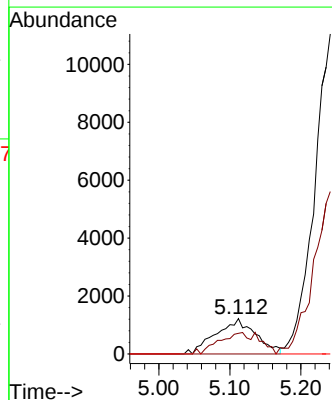
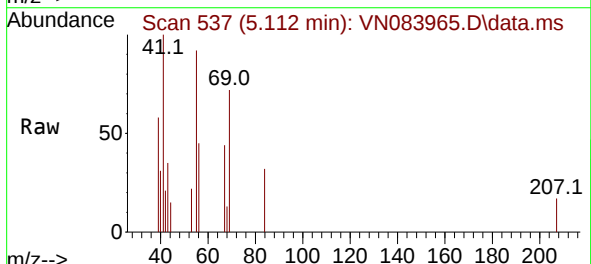
RT: 5.112 min Scan# 537

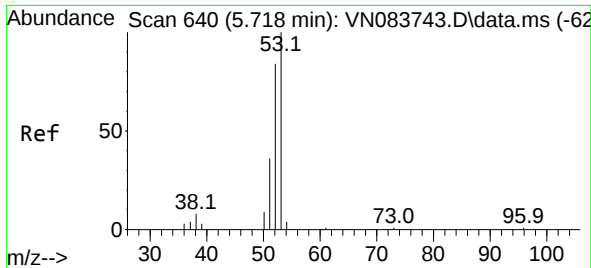
Delta R.T. 0.094 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

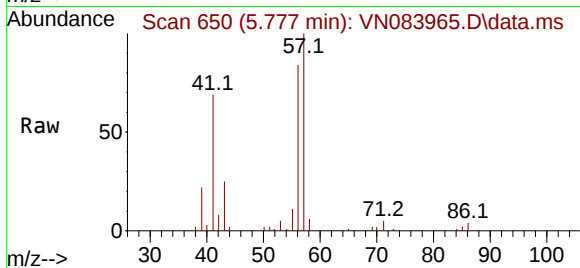
Tgt Ion: 41 Resp: 4742
 Ion Ratio Lower Upper
 41 100
 39 45.7 59.3 88.9#
 76 0.0 27.7 41.5#



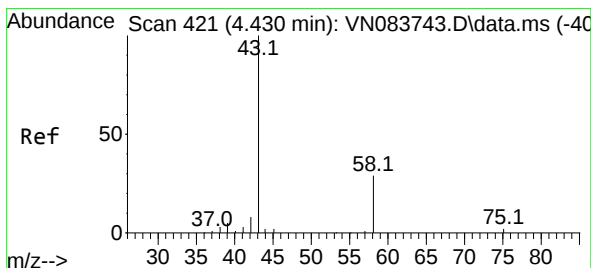
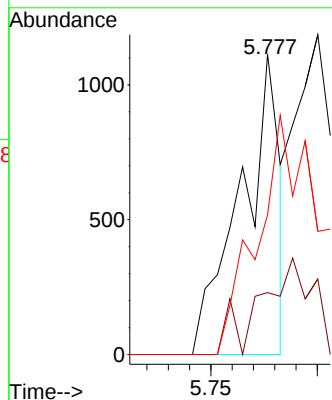
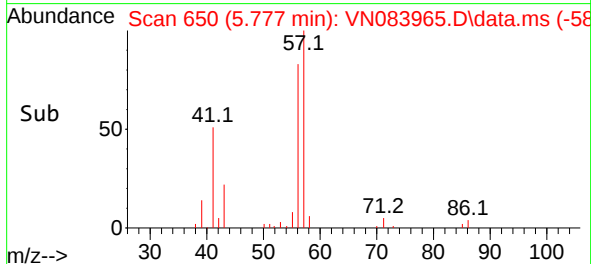


#15
Acrylonitrile
Concen: 1.371 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.059 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Instrument :
MSVOA_N
ClientSampleId :

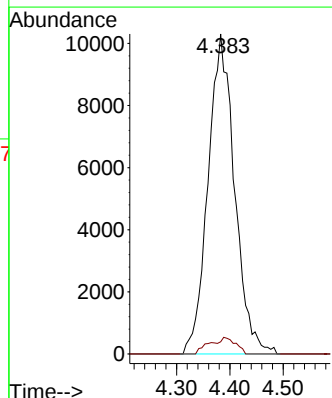
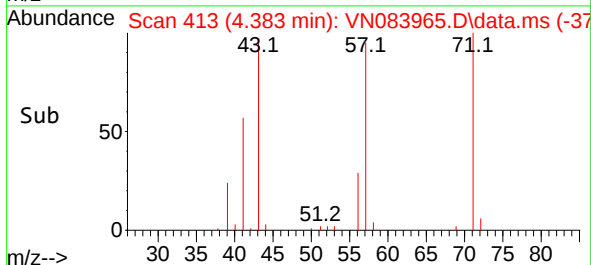
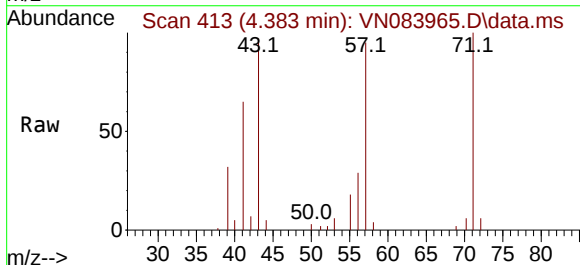


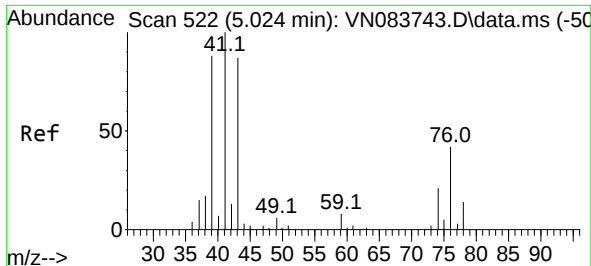
Tgt Ion: 53 Resp: 1411
Ion Ratio Lower Upper
53 100
52 42.9 66.1 99.1#
51 148.0 29.6 44.4#



#16
Acetone
Concen: 31.427 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.047 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion: 43 Resp: 35612
Ion Ratio Lower Upper
43 100
58 3.8 23.7 35.5#





#18

Methyl Acetate

Concen: 31.315 ug/l

RT: 5.253 min Scan# 50

Delta R.T. 0.229 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

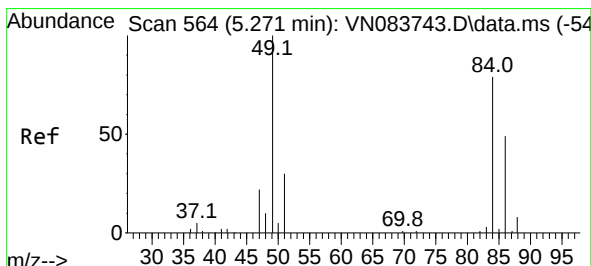
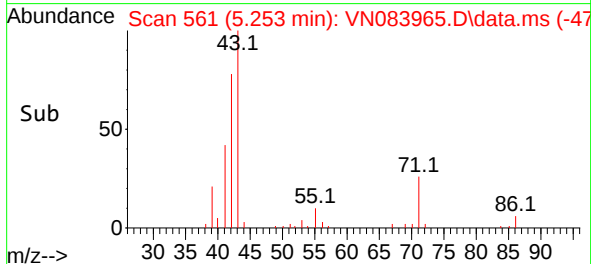
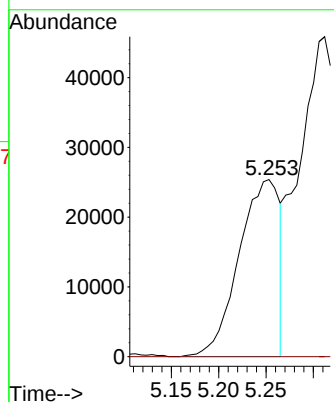
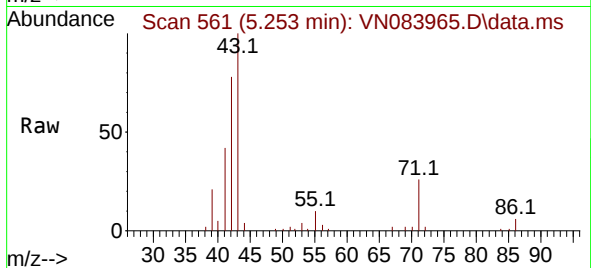
ClientSampleId :

Tgt Ion: 43 Resp: 75573

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



#20

Methylene Chloride

Concen: 0.259 ug/l

RT: 5.247 min Scan# 560

Delta R.T. -0.024 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Tgt Ion: 84 Resp: 601

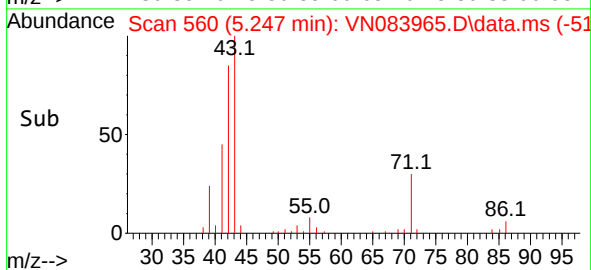
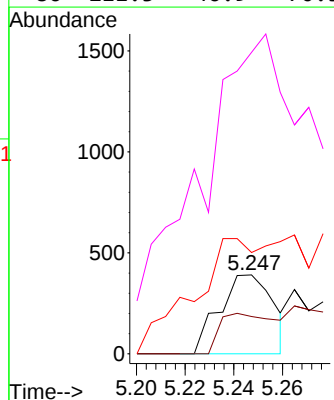
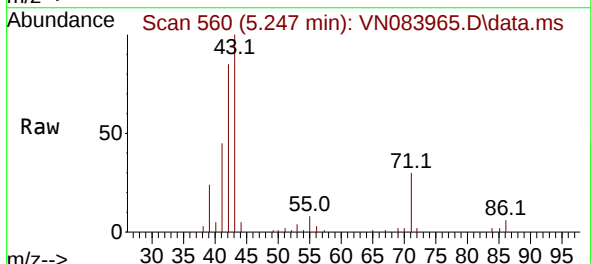
Ion Ratio Lower Upper

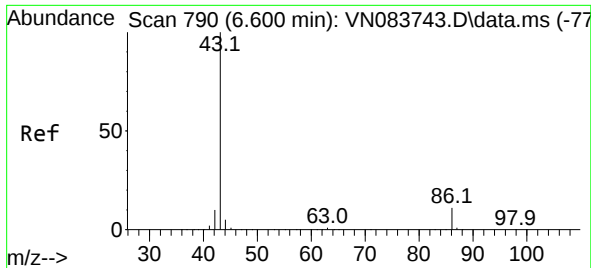
84 100

49 47.3 93.4 140.0#

51 56.8 29.2 43.8#

86 211.3 46.9 70.3#

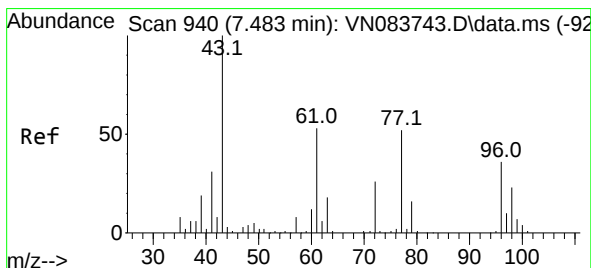
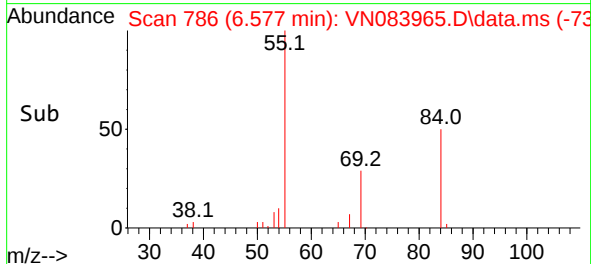
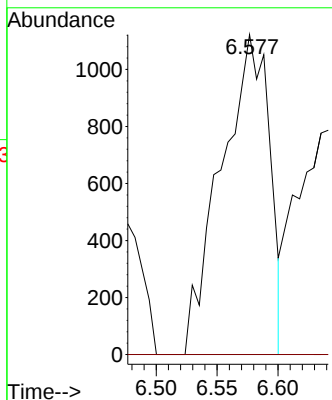
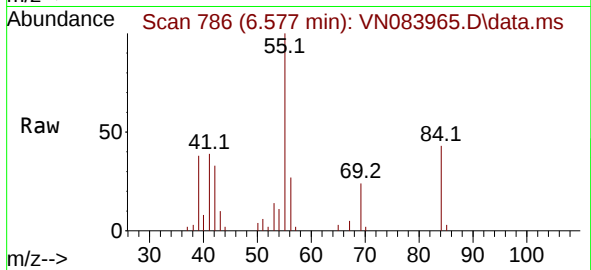




#23
 Vinyl Acetate
 Concen: 0.568 ug/l
 RT: 6.577 min Scan# 71
 Delta R.T. -0.024 min
 Lab File: VN083965.D
 Acq: 18 Sep 2024 06:21

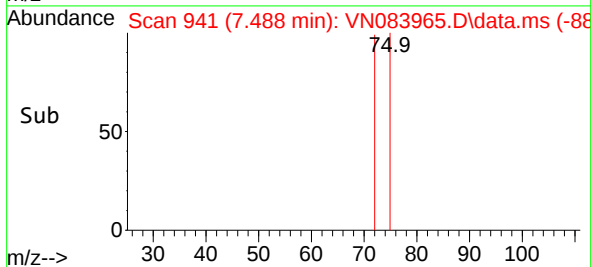
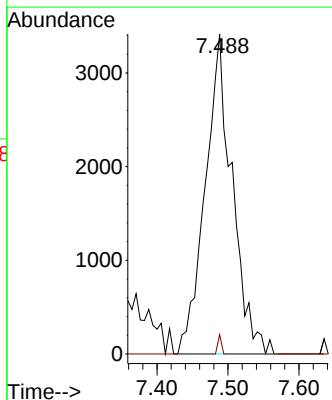
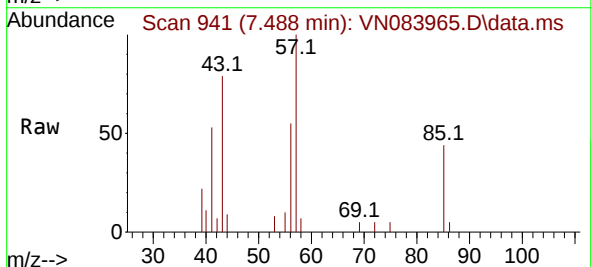
Instrument :
 MSVOA_N
 ClientSampleId :

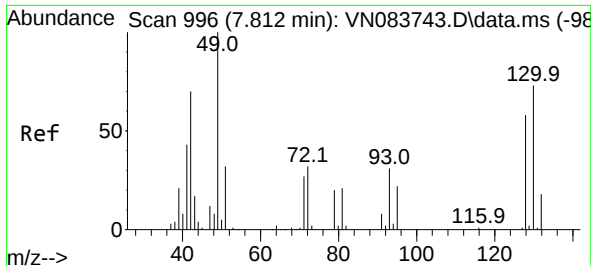
Tgt Ion: 43 Resp: 3095
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.7 13.1#



#25
 2-Butanone
 Concen: 6.070 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083965.D
 Acq: 18 Sep 2024 06:21

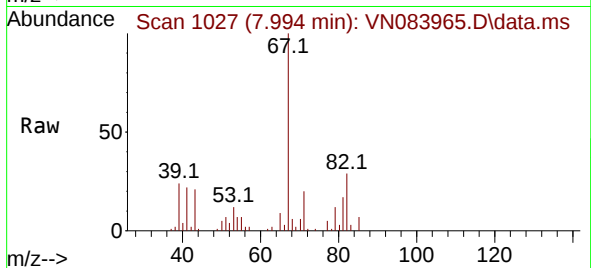
Tgt Ion: 43 Resp: 9041
 Ion Ratio Lower Upper
 43 100
 72 6.1 20.8 31.2#



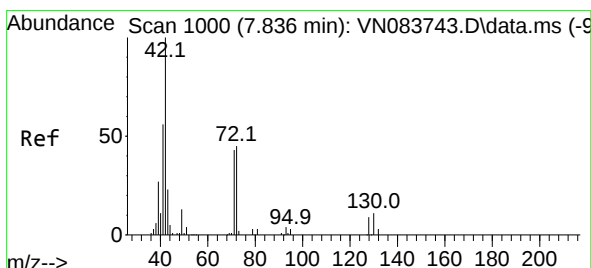
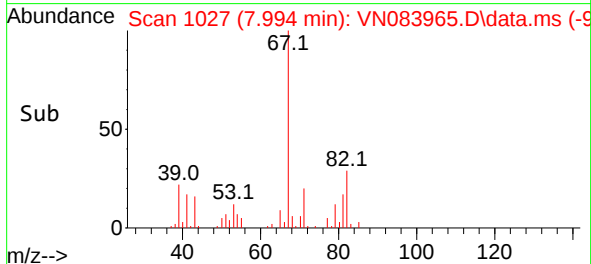
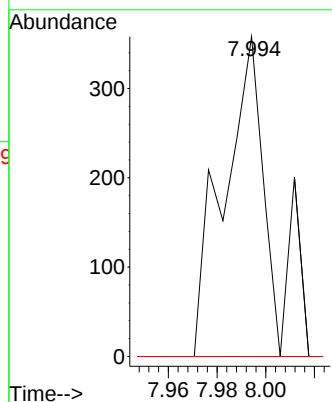


#28
Bromochloromethane
Concen: 0.221 ug/l
RT: 7.994 min Scan# 1027
Delta R.T. 0.182 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Instrument :
MSVOA_N
ClientSampleId :

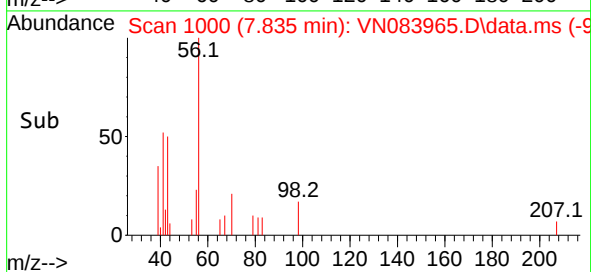
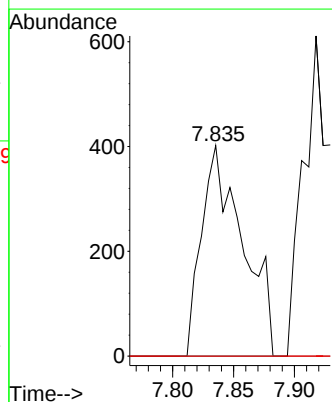
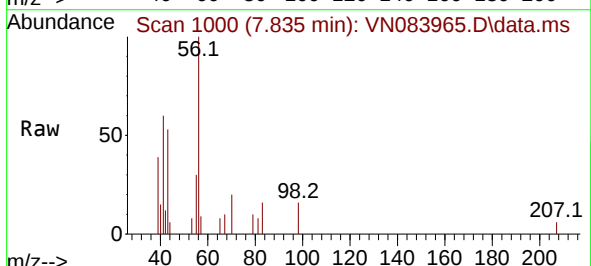


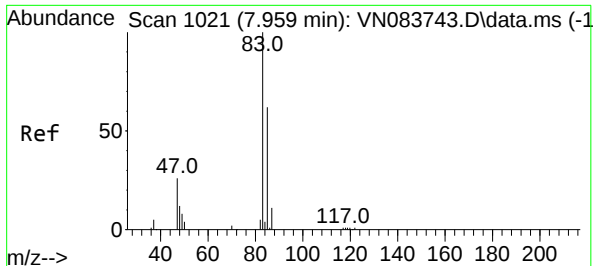
Tgt Ion: 49 Resp: 399
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.4
130 0.0 60.2 90.2#



#29
Tetrahydrofuran
Concen: 1.074 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion: 42 Resp: 946
Ion Ratio Lower Upper
42 100
72 0.0 35.9 53.9#
71 0.0 33.9 50.9#





#30

Chloroform

Concen: 4.631 ug/l

RT: 7.924 min Scan# 1015

Delta R.T. -0.035 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

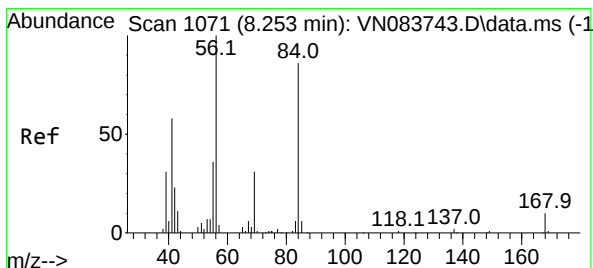
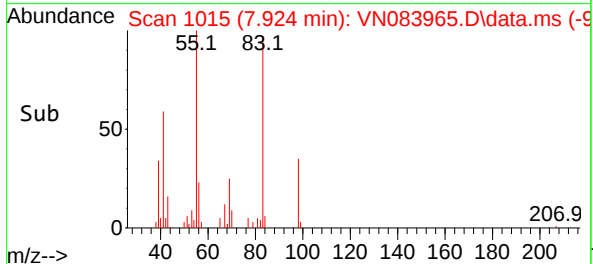
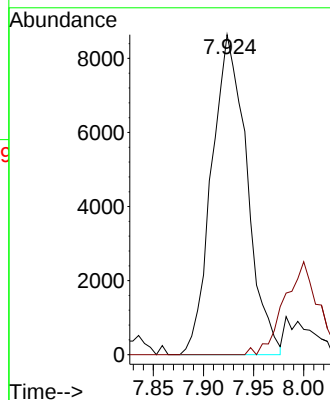
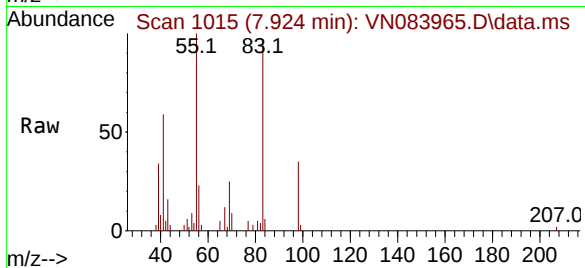
ClientSampleId :

Tgt Ion: 83 Resp: 21065

Ion Ratio Lower Upper

83 100

85 0.0 52.8 79.2#



#31

Cyclohexane

Concen: 29.572 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

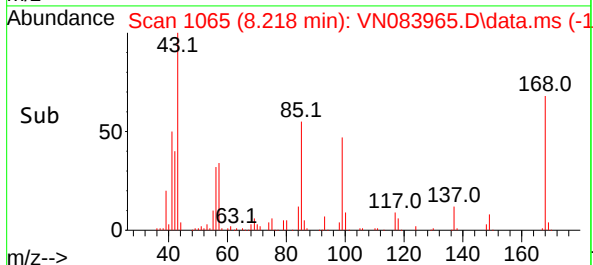
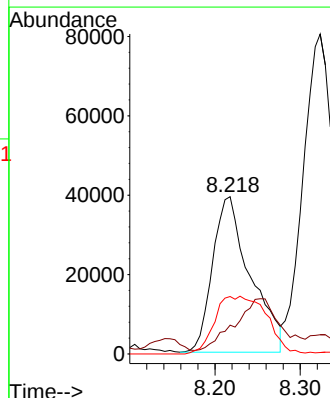
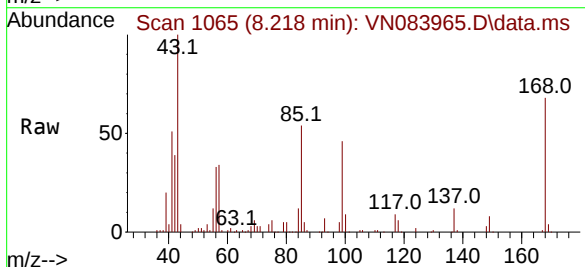
Tgt Ion: 56 Resp: 120814

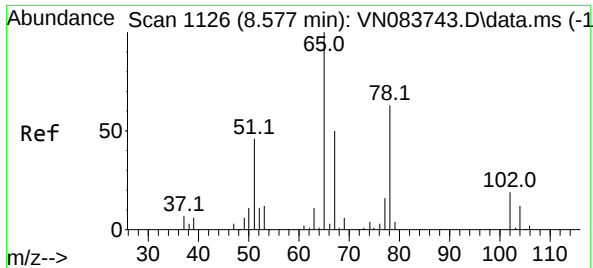
Ion Ratio Lower Upper

56 100

69 12.4 26.9 40.3#

84 36.9 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 47.887 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

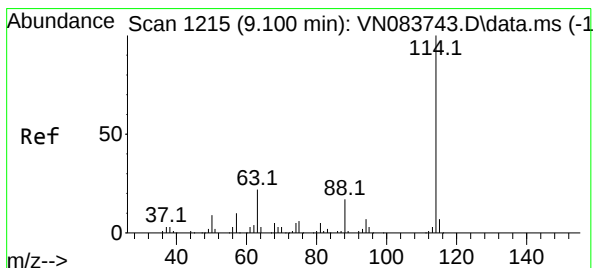
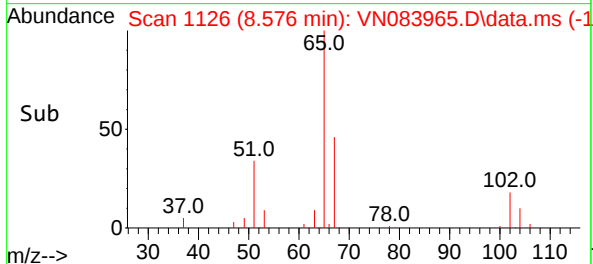
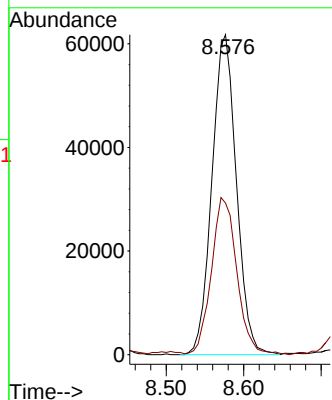
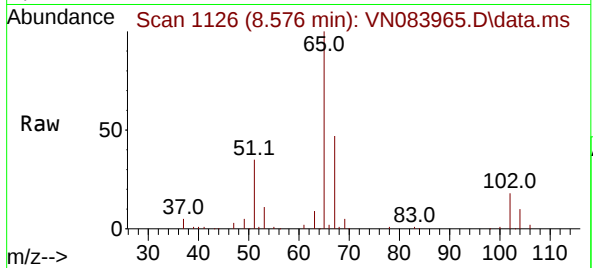
ClientSampleId :

Tgt Ion: 65 Resp: 135364

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

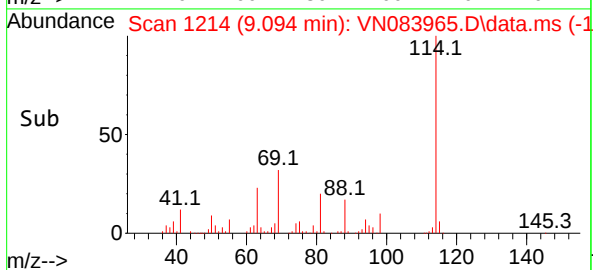
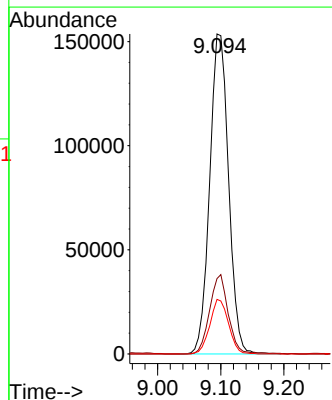
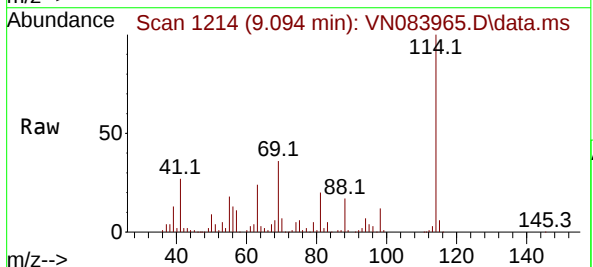
Tgt Ion: 114 Resp: 318742

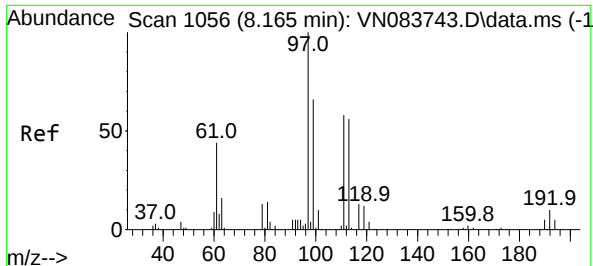
Ion Ratio Lower Upper

114 100

63 23.6 0.0 43.4

88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.932 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

ClientSampleId :

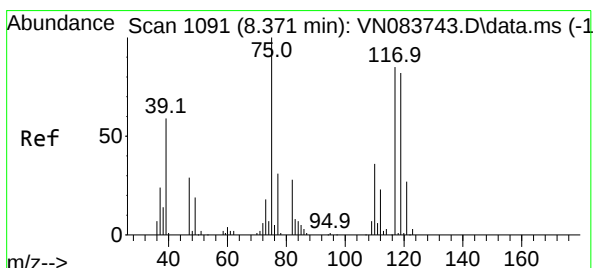
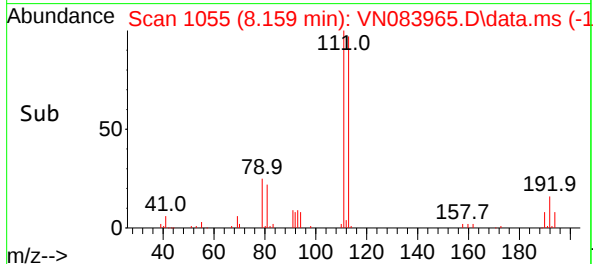
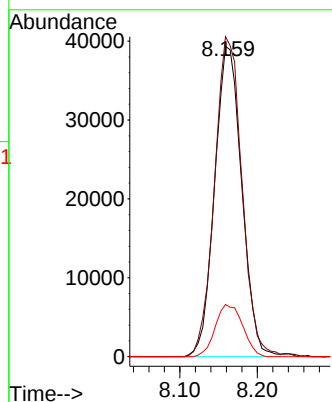
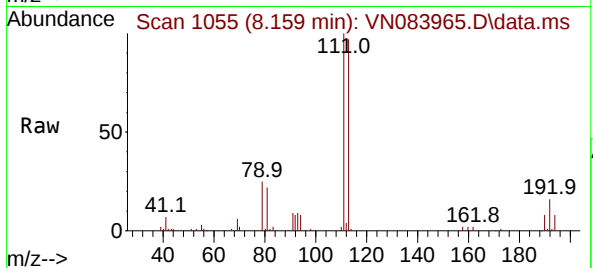
Tgt Ion:113 Resp: 95766

Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 17.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.818 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

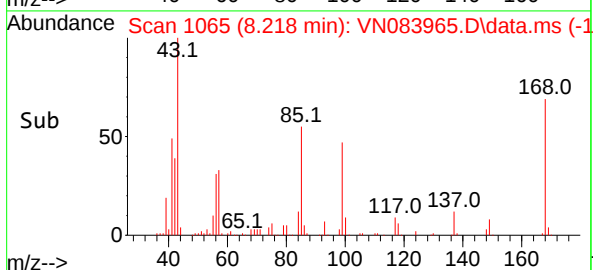
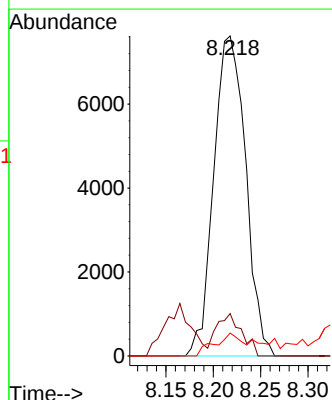
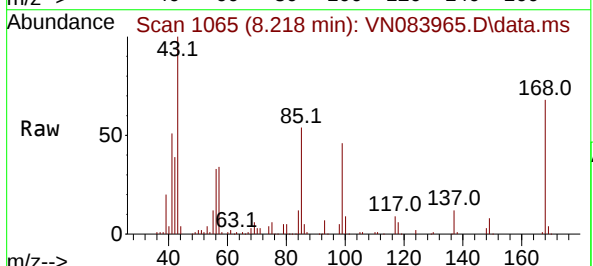
Tgt Ion: 75 Resp: 17869

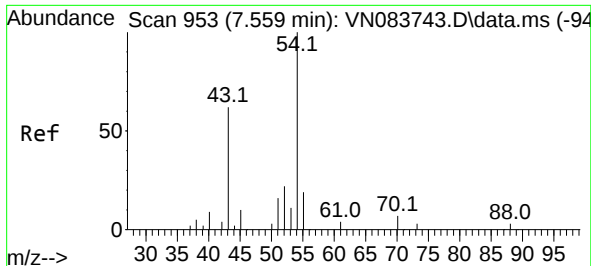
Ion Ratio Lower Upper

75 100

110 10.4 16.7 50.1#

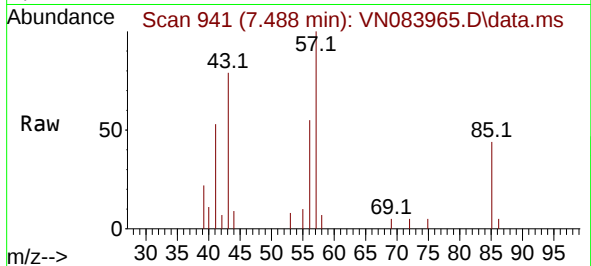
77 6.0 25.2 37.8#



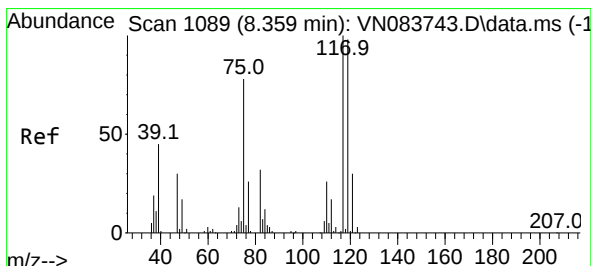
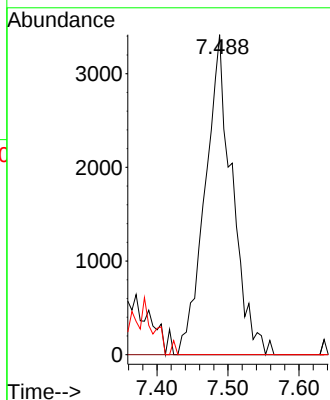
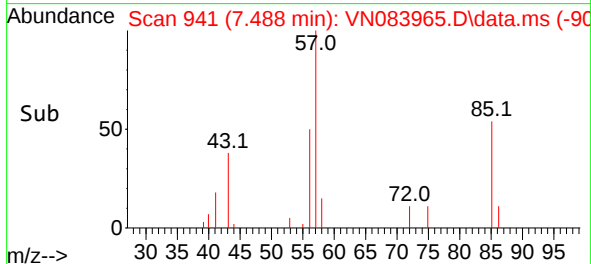


#37
Ethyl Acetate
Concen: 3.243 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

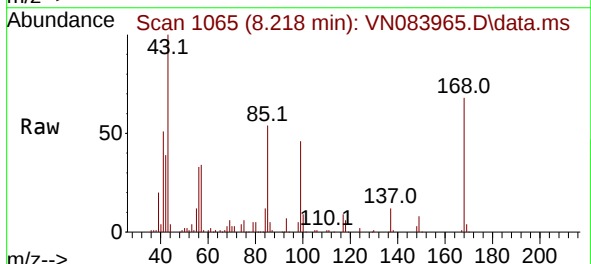
Instrument :
MSVOA_N
ClientSampleId :



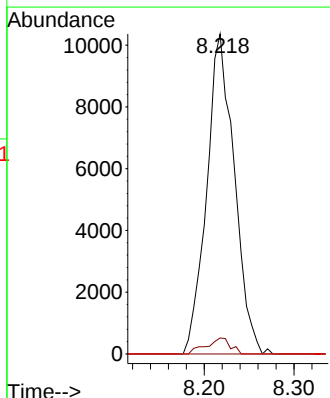
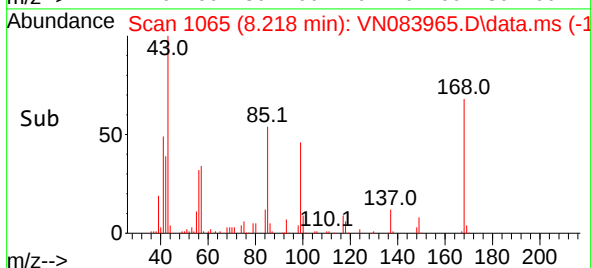
Tgt Ion: 43 Resp: 9041
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.8 13.2#

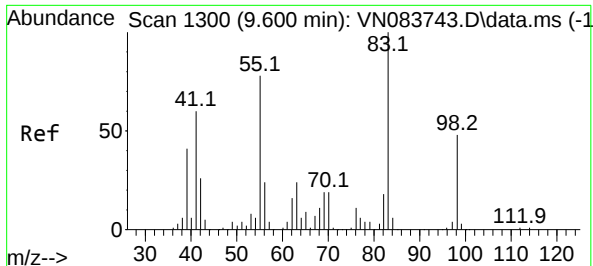


#38
Carbon Tetrachloride
Concen: 6.360 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21



Tgt Ion: 117 Resp: 22160
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.1 36.1#





#39

Methylcyclohexane

Concen: 38.940 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

ClientSampleId :

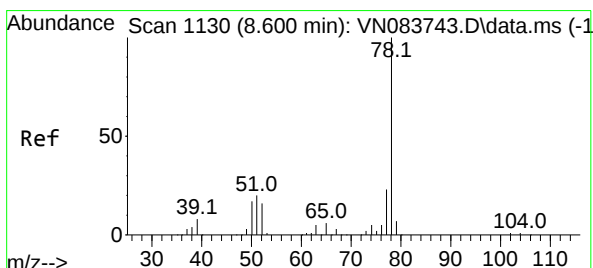
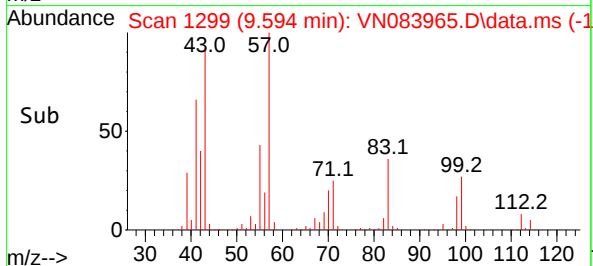
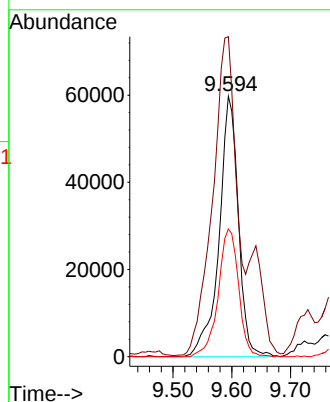
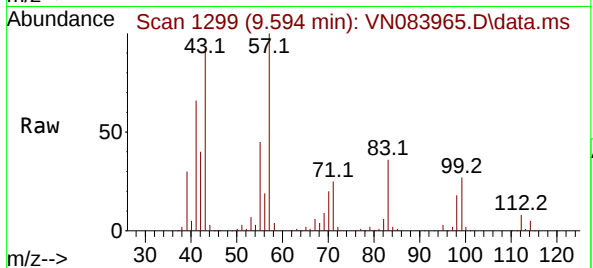
Tgt Ion: 83 Resp: 136131

Ion Ratio Lower Upper

83 100

55 122.2 62.2 93.4#

98 49.0 37.6 56.4



#40

Benzene

Concen: 0.368 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083965.D

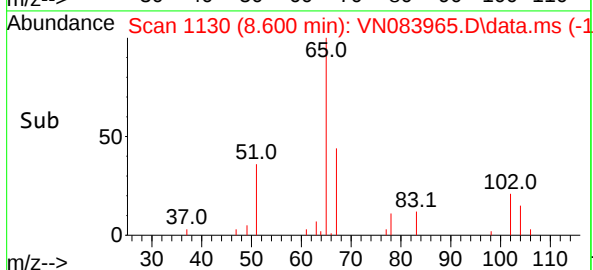
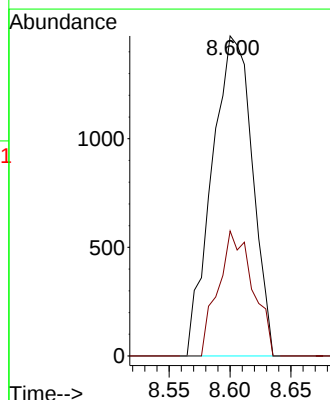
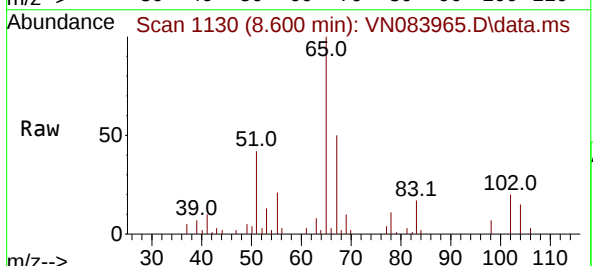
Acq: 18 Sep 2024 06:21

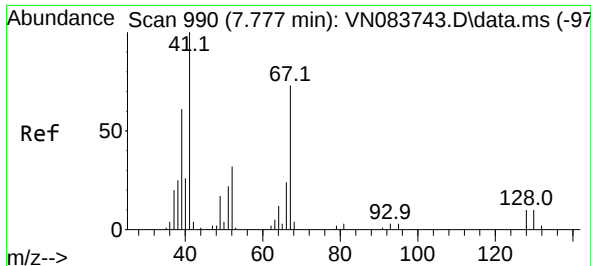
Tgt Ion: 78 Resp: 3402

Ion Ratio Lower Upper

78 100

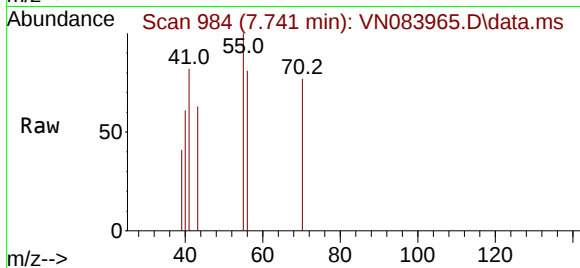
77 39.0 19.0 28.6#



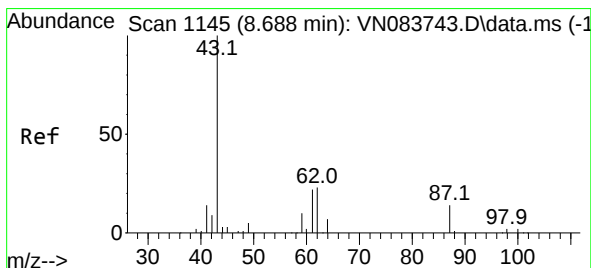
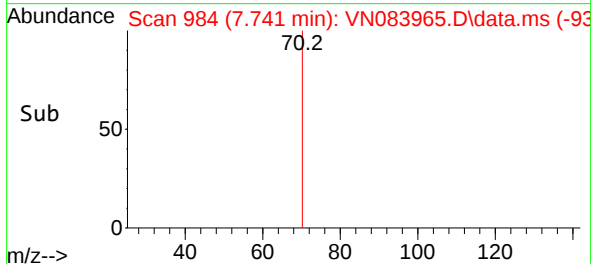
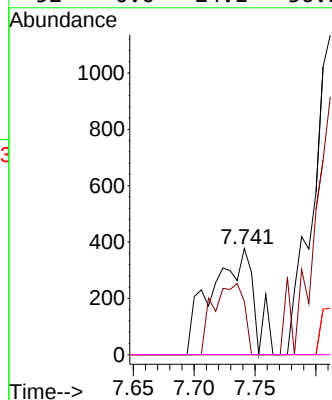


#41
Methacrylonitrile
Concen: 0.560 ug/l
RT: 7.741 min Scan# 91
Delta R.T. -0.035 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Instrument :
MSVOA_N
ClientSampleId :

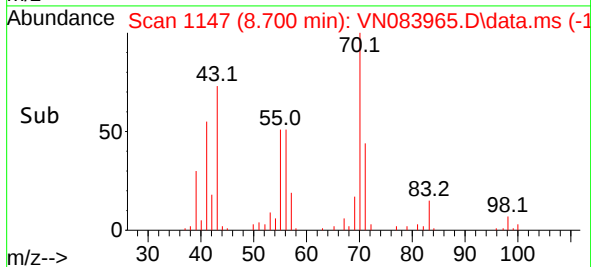
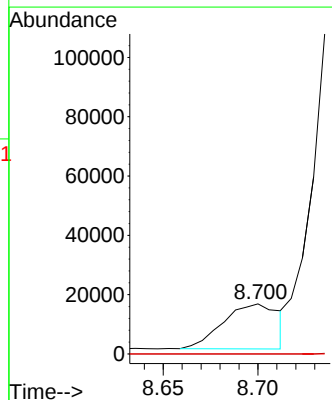
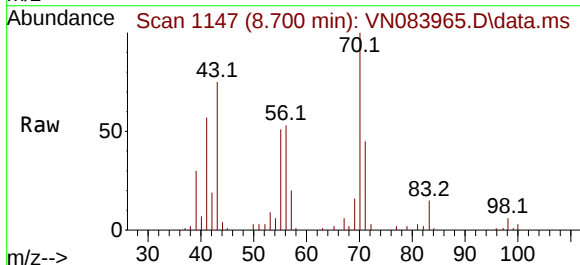


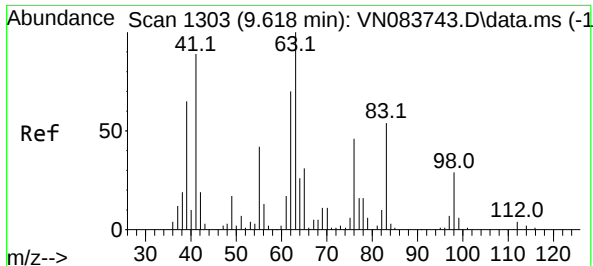
Tgt Ion:	41	Resp:	924
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.4	68.2#
67	0.0	55.9	83.9#
52	0.0	24.1	36.1#



#43
Isopropyl Acetate
Concen: 6.124 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion:	43	Resp:	30936
Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.4	29.0#
87	0.0	9.8	14.6#





#45

1,2-Dichloropropane

Concen: 1.772 ug/l

RT: 9.594 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

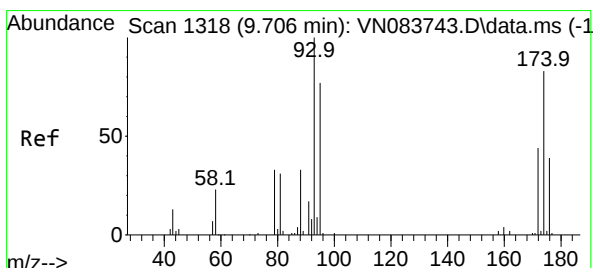
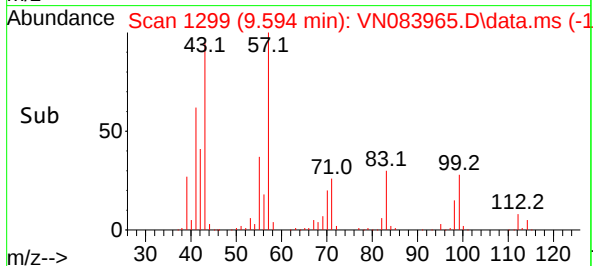
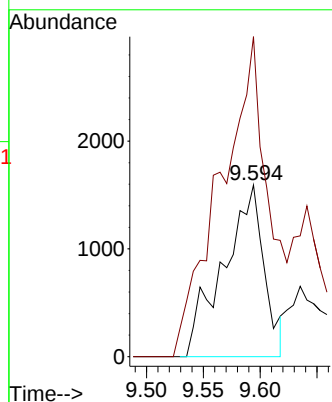
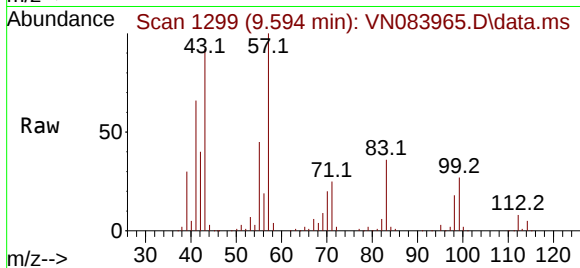
ClientSampleId :

Tgt Ion: 63 Resp: 3960

Ion Ratio Lower Upper

63 100

65 170.2 25.9 38.9#



#46

Dibromomethane

Concen: 0.284 ug/l

RT: 9.653 min Scan# 1309

Delta R.T. -0.053 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

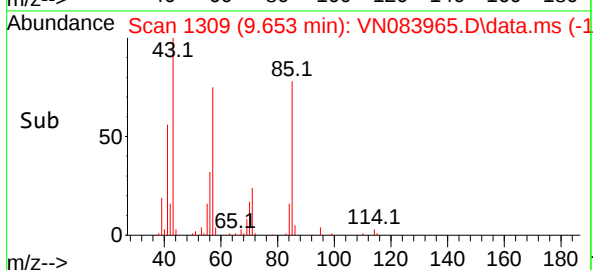
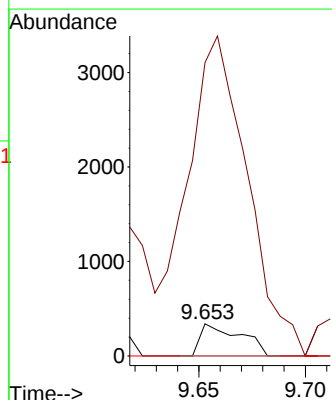
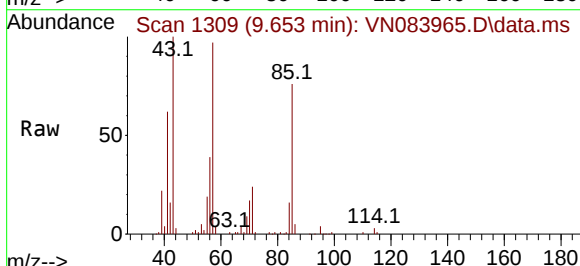
Tgt Ion: 93 Resp: 444

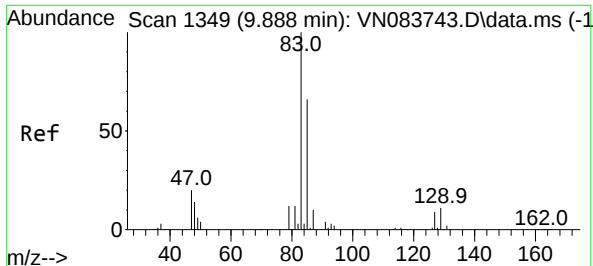
Ion Ratio Lower Upper

93 100

95 1498.4 65.3 97.9#

174 0.0 71.0 106.4#

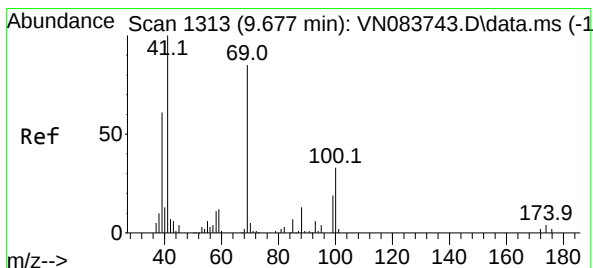
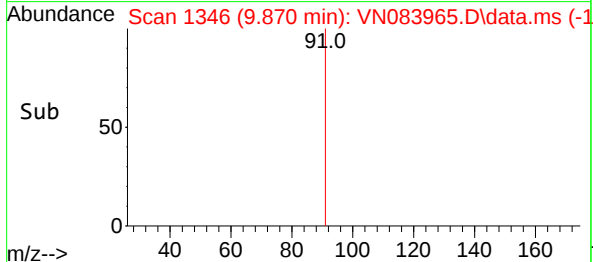
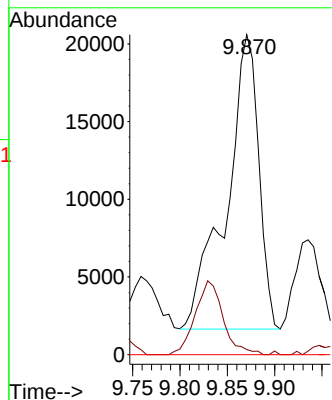
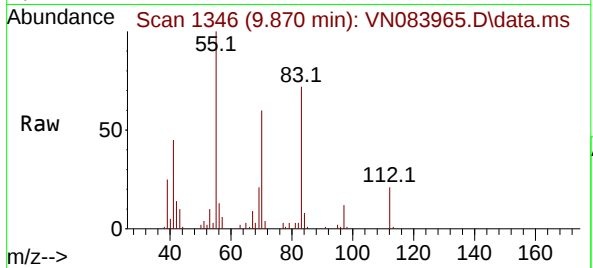




#47
Bromodichloromethane
Concen: 13.340 ug/l
RT: 9.870 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

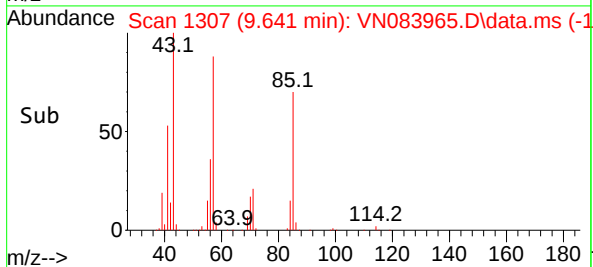
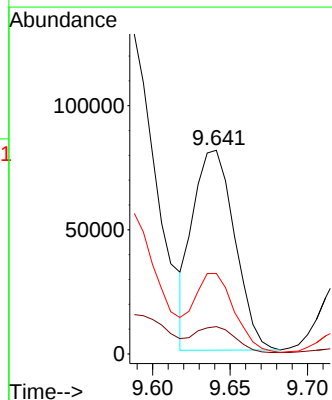
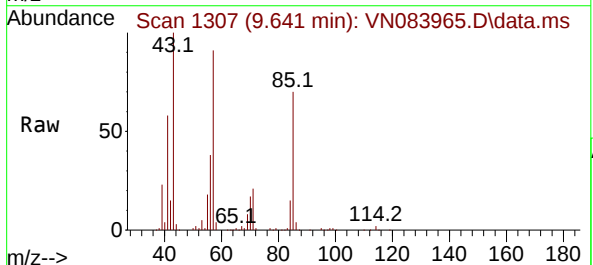
Instrument :
MSVOA_N
ClientSampleId :

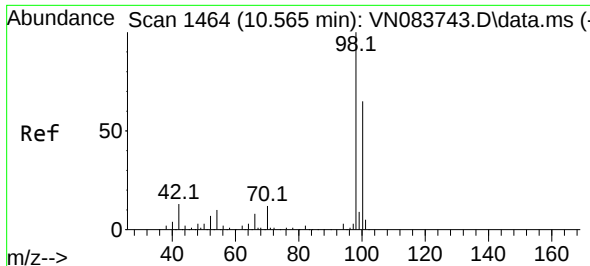
Tgt Ion: 83 Resp: 45181
Ion Ratio Lower Upper
83 100
85 1.7 51.8 77.8#
127 0.0 6.6 9.8#



#48
Methyl methacrylate
Concen: 63.052 ug/l
RT: 9.641 min Scan# 1307
Delta R.T. -0.035 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

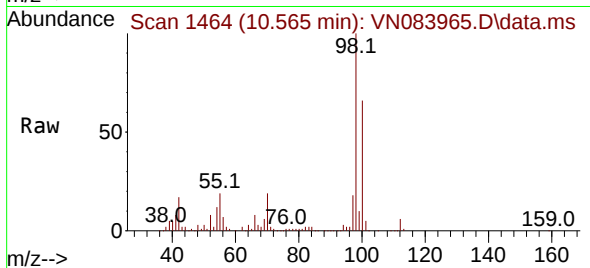
Tgt Ion: 41 Resp: 151127
Ion Ratio Lower Upper
41 100
69 12.9 64.3 96.5#
39 38.2 48.9 73.3#



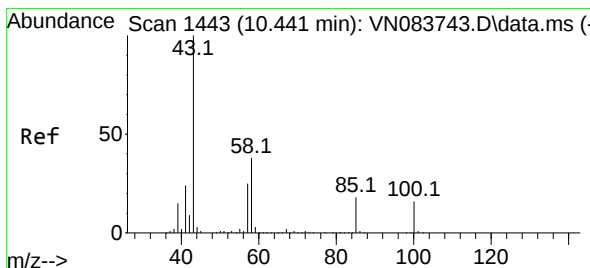
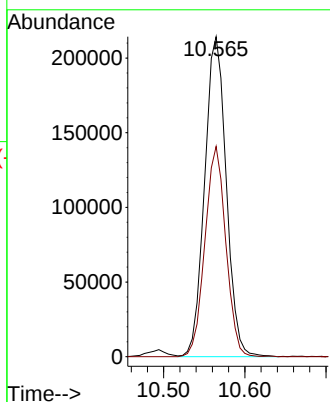
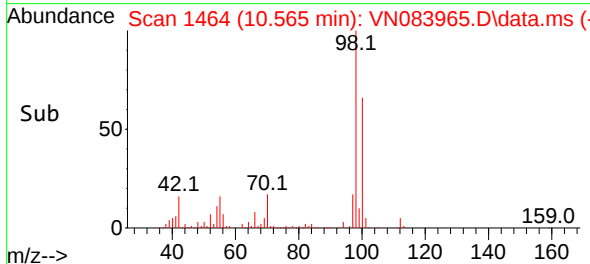


#50
Toluene-d8
Concen: 56.172 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Instrument :
MSVOA_N
ClientSampleId :

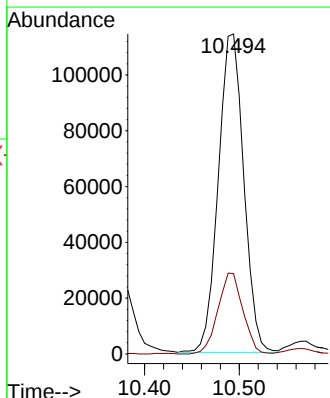
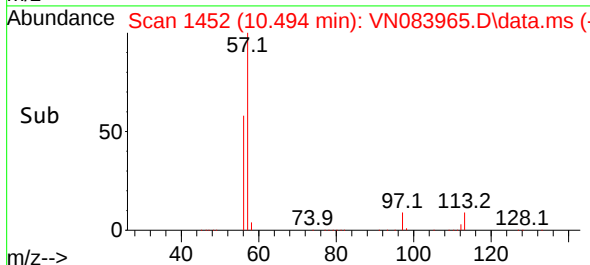
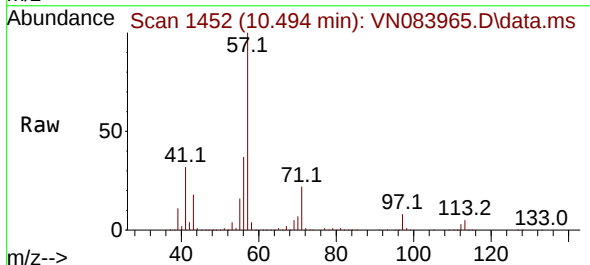


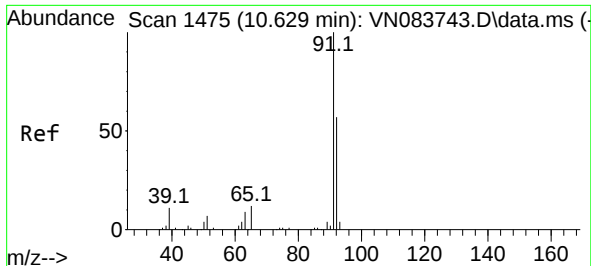
Tgt Ion: 98 Resp: 396256
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 77.464 ug/l
RT: 10.494 min Scan# 1452
Delta R.T. 0.053 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion: 43 Resp: 213028
Ion Ratio Lower Upper
43 100
58 24.9 31.6 47.4#

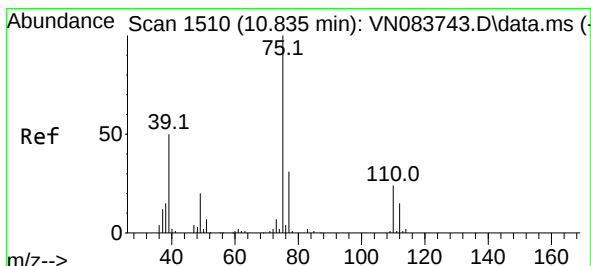
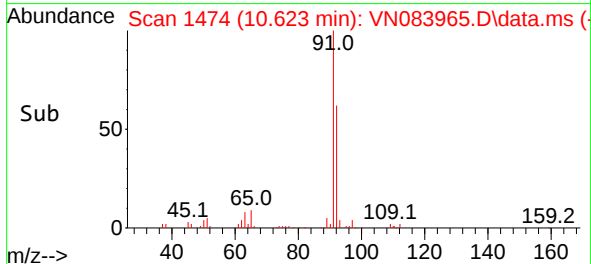
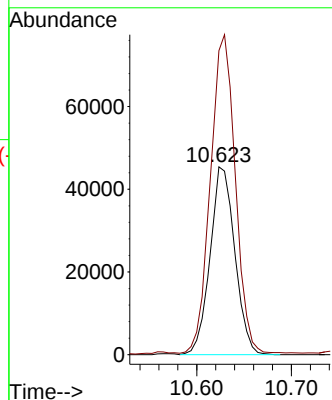
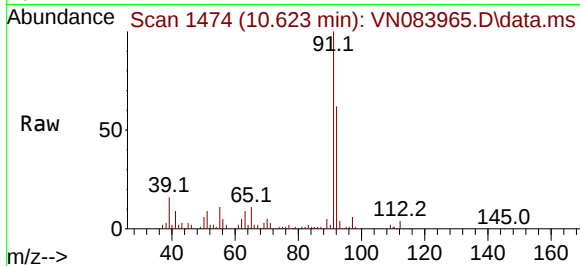




#52
Toluene
Concen: 14.571 ug/l
RT: 10.623 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

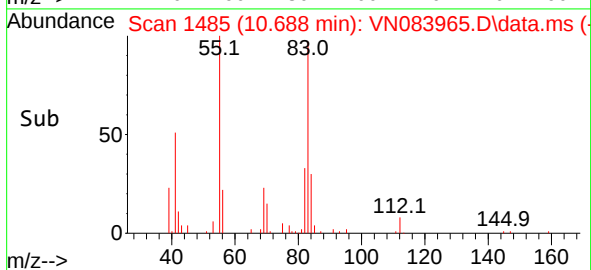
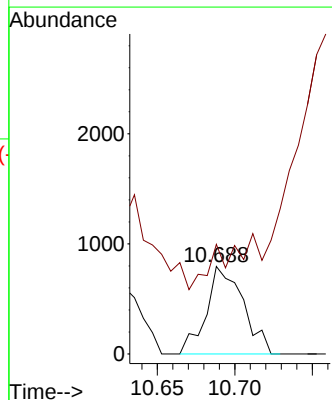
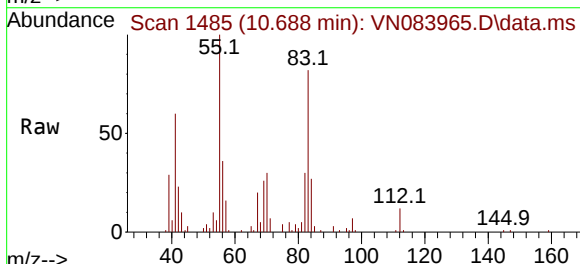
Instrument :
MSVOA_N
ClientSampleId :

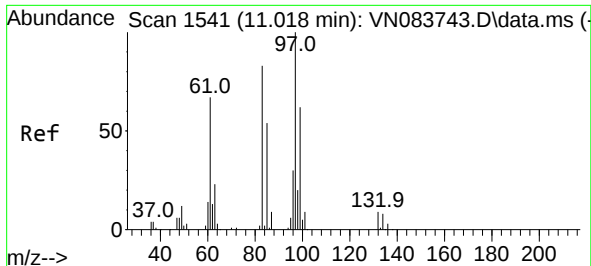
Tgt Ion: 92 Resp: 82390
Ion Ratio Lower Upper
92 100
91 170.3 134.7 202.1



#53
t-1,3-Dichloropropene
Concen: 0.382 ug/l
RT: 10.688 min Scan# 1485
Delta R.T. -0.147 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion: 75 Resp: 1312
Ion Ratio Lower Upper
75 100
77 20.9 25.8 38.6#

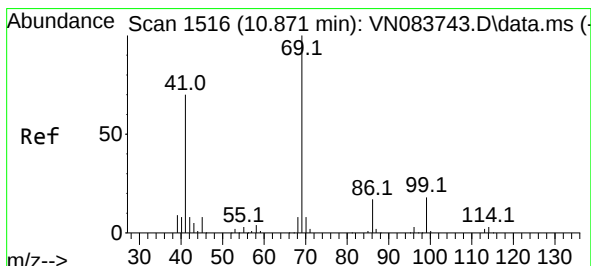
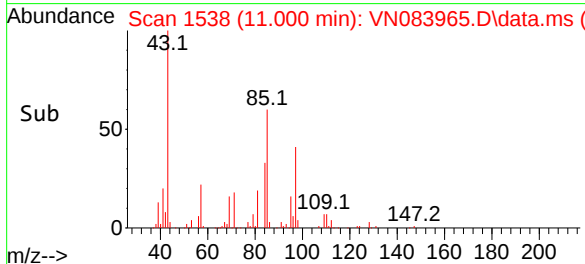
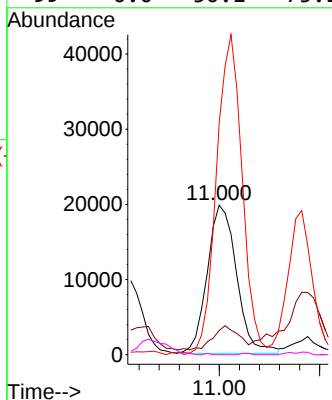
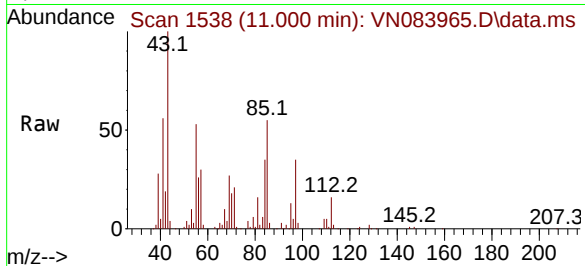




#55
1,1,2-Trichloroethane
Concen: 19.058 ug/l
RT: 11.000 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

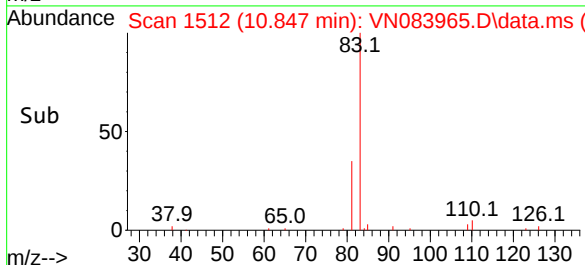
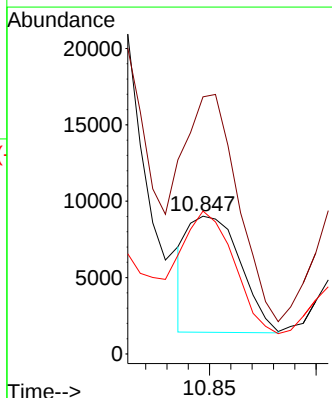
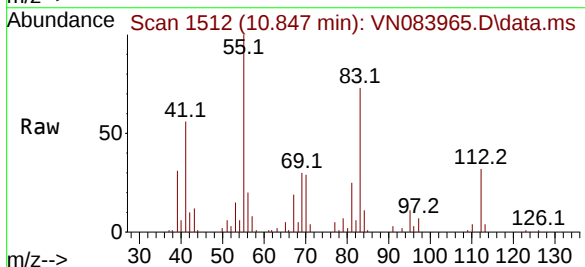
Instrument :
MSVOA_N
ClientSampleId :

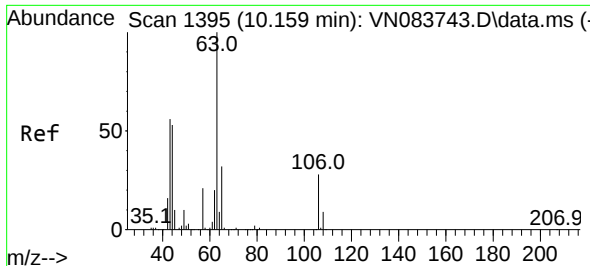
Tgt Ion:	97	Resp:	40231
Ion	Ratio	Lower	Upper
97	100		
83	13.0	67.5	101.3#
85	154.8	44.2	66.2#
99	0.0	50.1	75.1#



#56
Ethyl methacrylate
Concen: 4.009 ug/l
RT: 10.847 min Scan# 1512
Delta R.T. -0.024 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion:	69	Resp:	13019
Ion	Ratio	Lower	Upper
69	100		
41	208.2	53.9	80.9#
39	104.5	32.6	48.8#

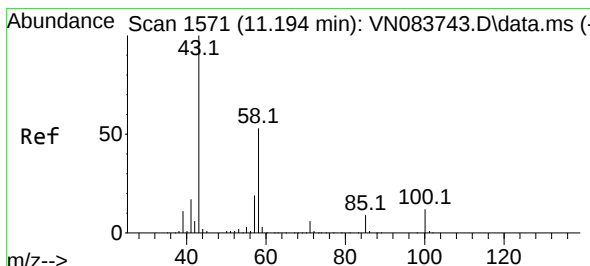
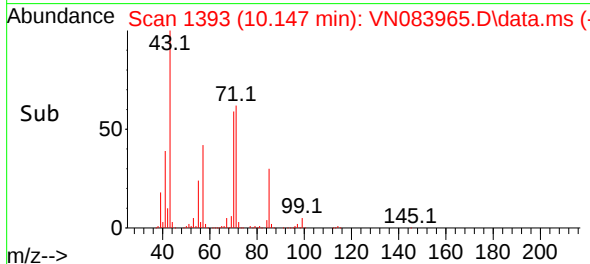
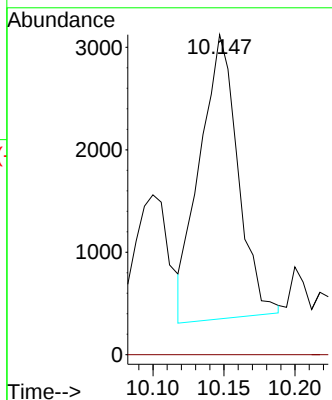
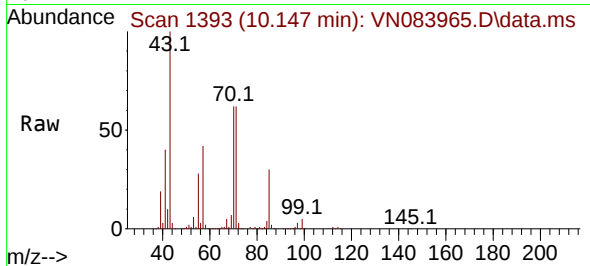




#58
2-Chloroethyl Vinyl ether
Concen: 4.420 ug/l
RT: 10.147 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

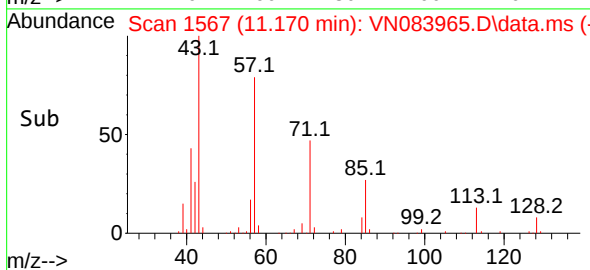
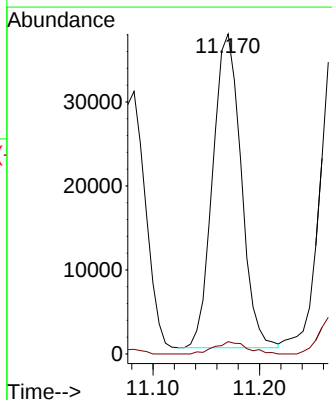
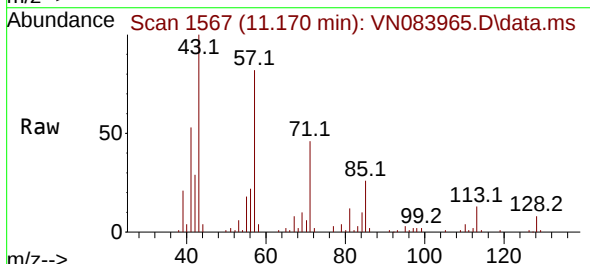
Instrument :
MSVOA_N
ClientSampleId :

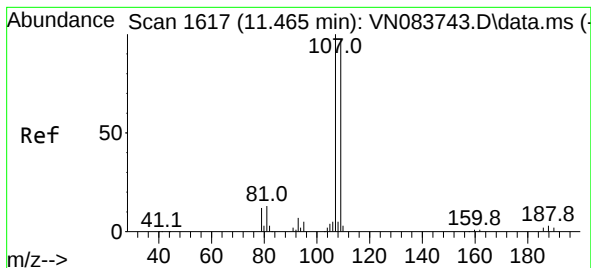
Tgt Ion: 63 Resp: 5172
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#



#59
2-Hexanone
Concen: 33.994 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion: 43 Resp: 69152
Ion Ratio Lower Upper
43 100
58 4.5 27.2 81.5#





#61

1,2-Dibromoethane

Concen: 0.341 ug/l

RT: 11.441 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

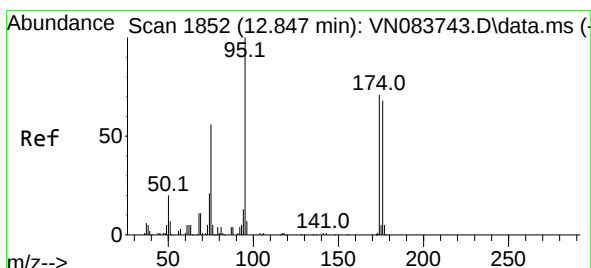
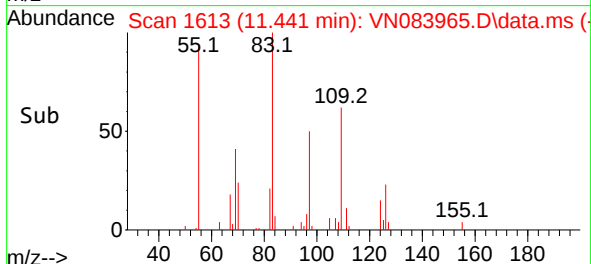
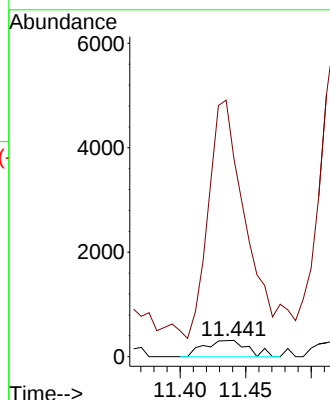
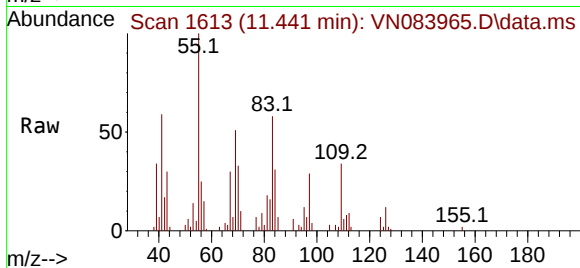
ClientSampleId :

Tgt Ion:107 Resp: 717

Ion Ratio Lower Upper

107 100

109 1286.1 75.6 113.4#



#62

4-Bromofluorobenzene

Concen: 52.479 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

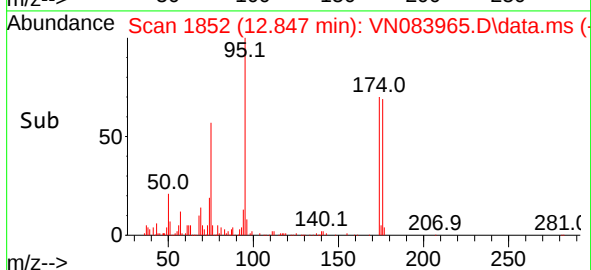
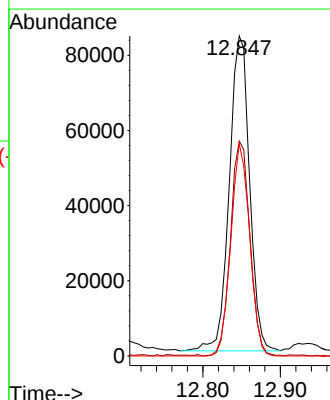
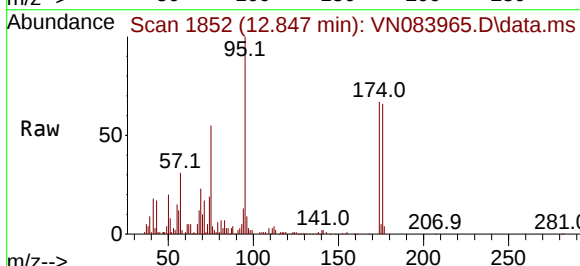
Tgt Ion: 95 Resp: 152736

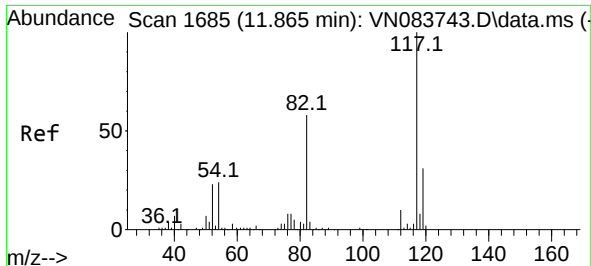
Ion Ratio Lower Upper

95 100

174 65.4 0.0 139.8

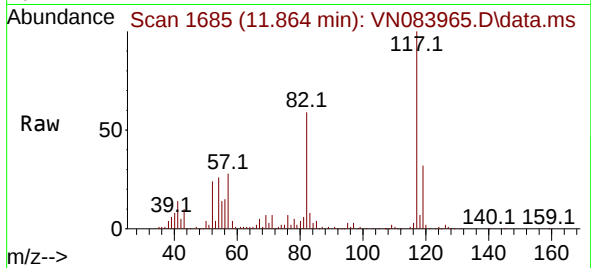
176 62.5 0.0 131.4



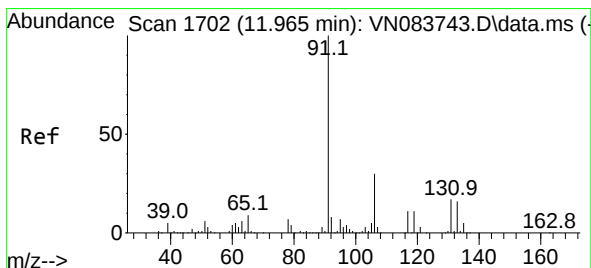
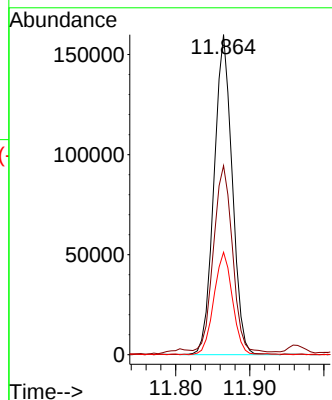
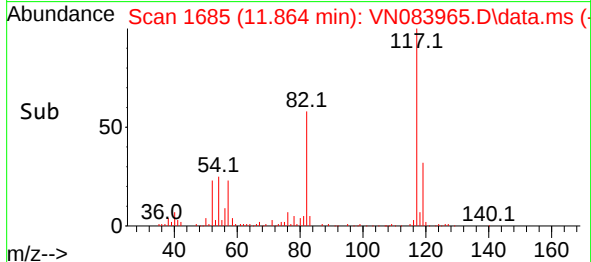


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Instrument :
MSVOA_N
ClientSampleId :

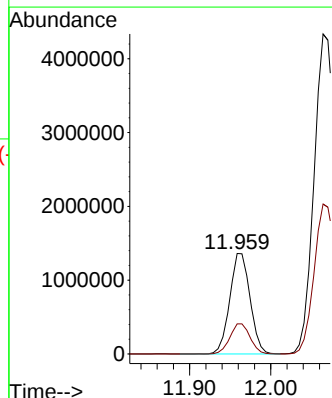
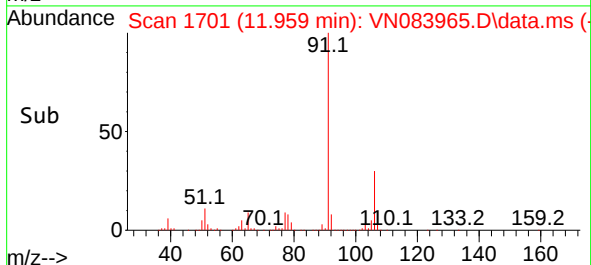
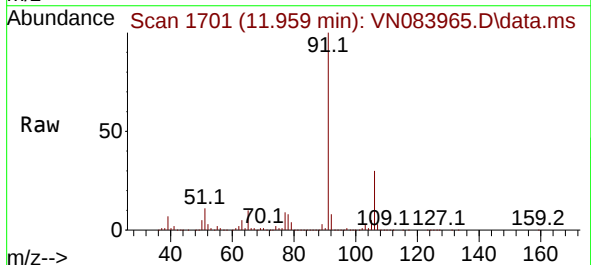


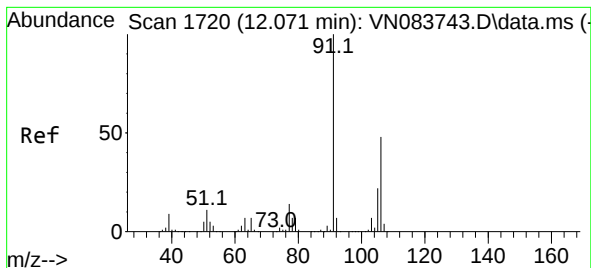
Tgt Ion:117 Resp: 273182
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.0
119 32.0 26.3 39.5



#67
Ethyl Benzene
Concen: 218.839 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion: 91 Resp: 2360344
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5





#68

m/p-Xylenes

Concen: 981.988 ug/l

RT: 12.064 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

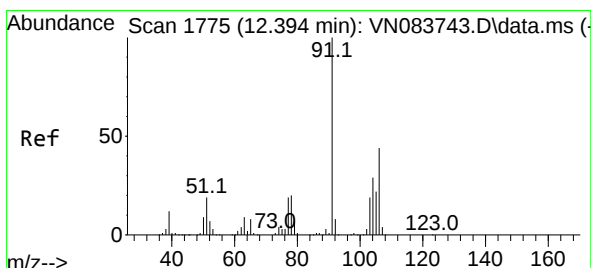
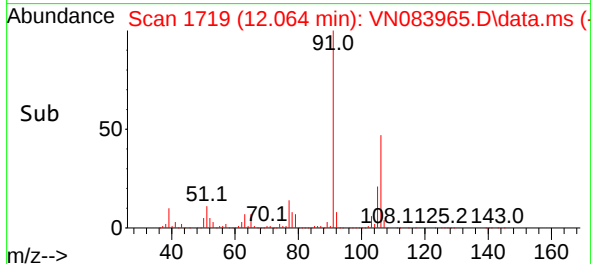
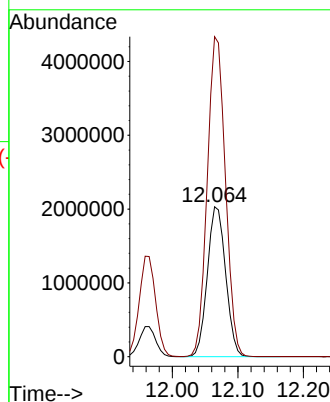
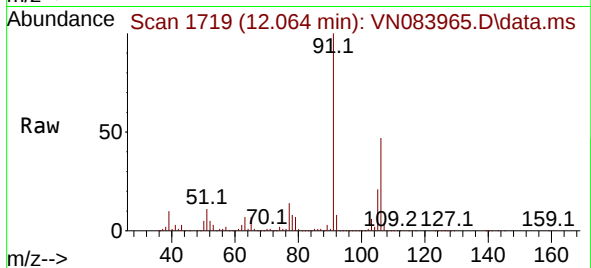
ClientSampleId :

Tgt Ion:106 Resp: 3932241

Ion Ratio Lower Upper

106 100

91 212.1 169.2 253.8



#69

o-Xylene

Concen: 362.182 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN083965.D

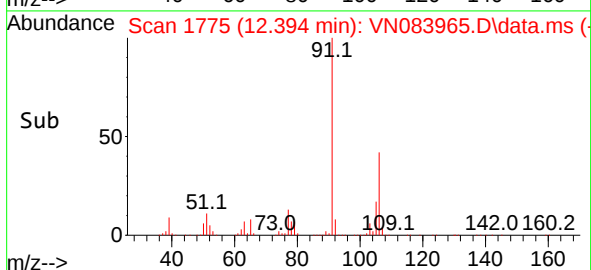
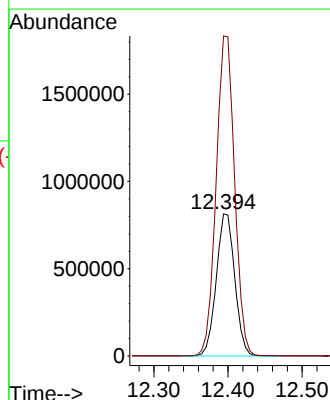
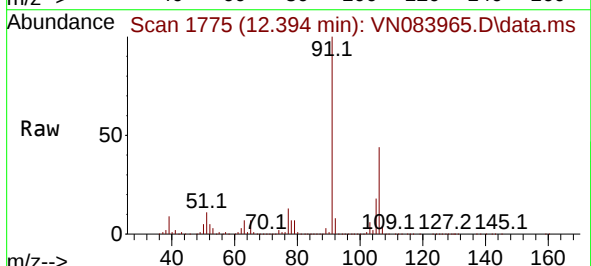
Acq: 18 Sep 2024 06:21

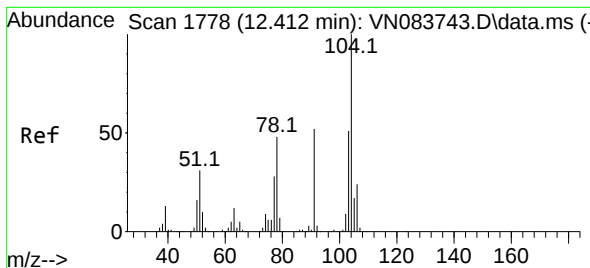
Tgt Ion:106 Resp: 1404003

Ion Ratio Lower Upper

106 100

91 225.5 112.9 338.6





#70

Styrene

Concen: 11.301 ug/l

RT: 12.400 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

ClientSampleId :

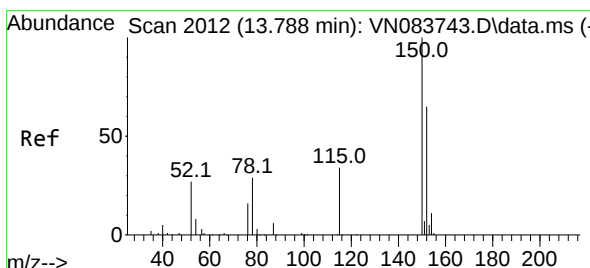
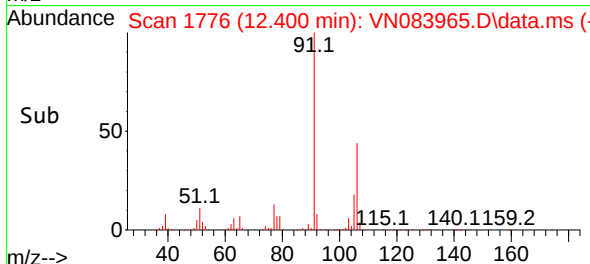
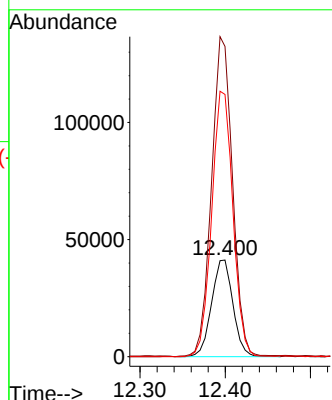
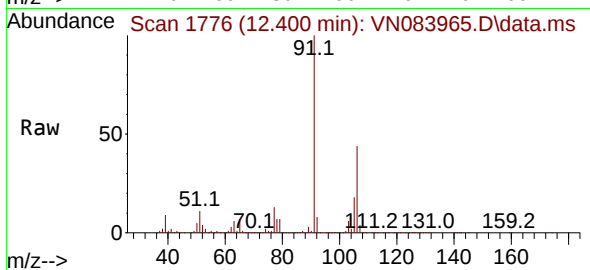
Tgt Ion:104 Resp: 71896

Ion Ratio Lower Upper

104 100

78 325.8 43.3 64.9#

103 272.6 43.4 65.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

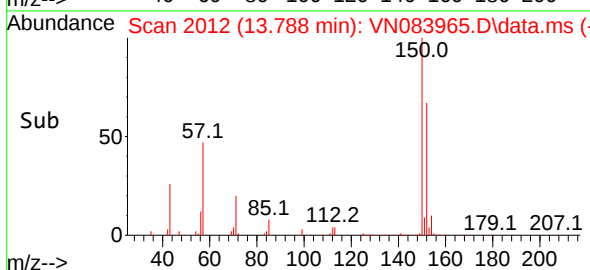
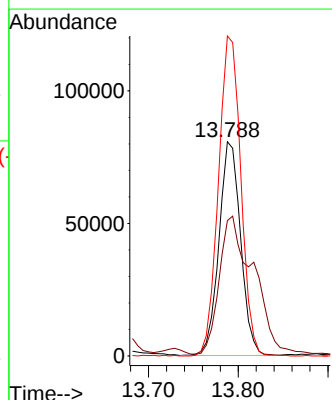
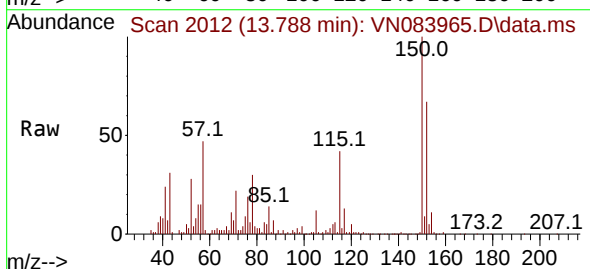
Tgt Ion:152 Resp: 135247

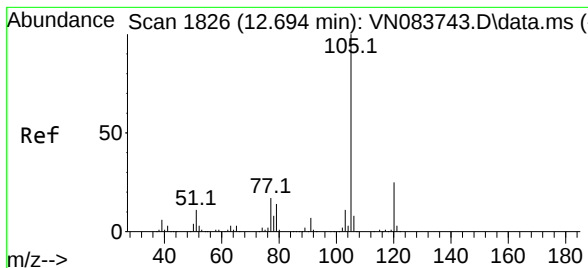
Ion Ratio Lower Upper

152 100

115 102.5 32.2 96.6#

150 154.7 0.0 348.6





#73

Isopropylbenzene

Concen: 88.311 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

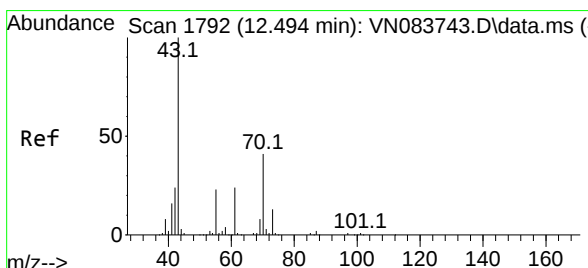
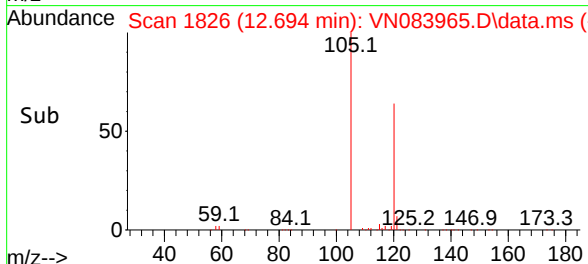
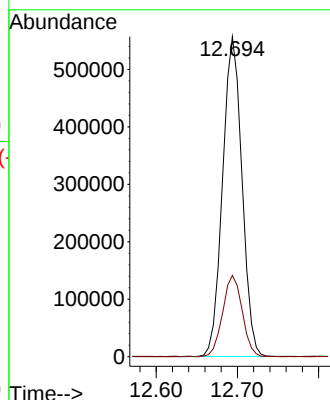
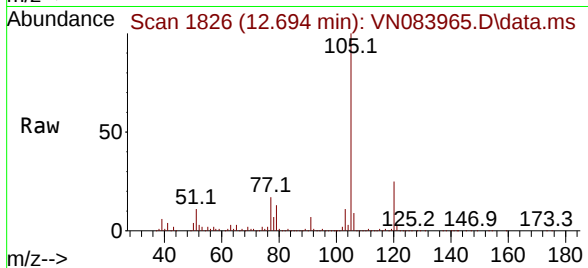
ClientSampleId :

Tgt Ion:105 Resp: 924042

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.8



#74

N-ethyl acetate

Concen: 10.557 ug/l

RT: 12.476 min Scan# 1789

Delta R.T. -0.018 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Tgt Ion: 43 Resp: 47129

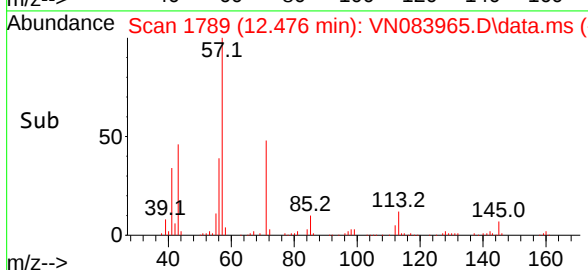
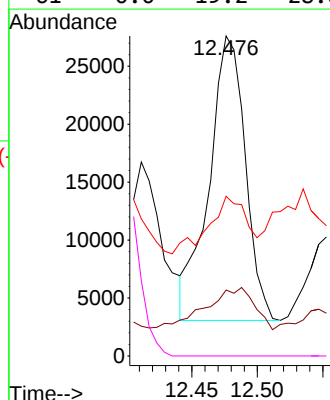
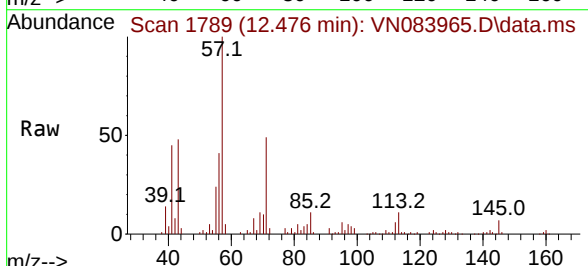
Ion Ratio Lower Upper

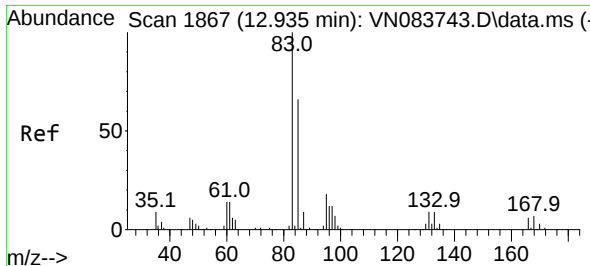
43 100

70 20.2 34.5 51.7#

55 21.0 18.6 28.0

61 0.0 19.2 28.8#

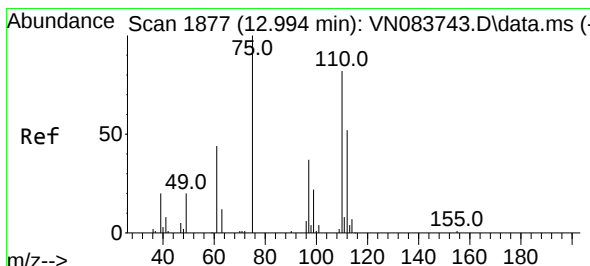
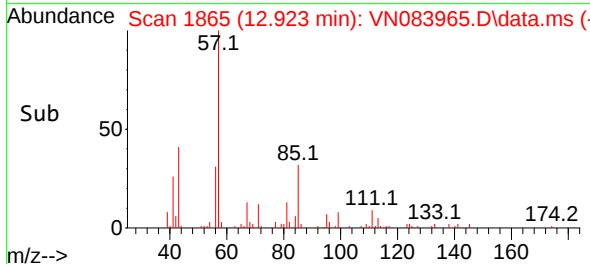
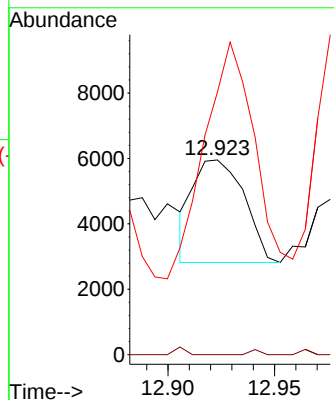
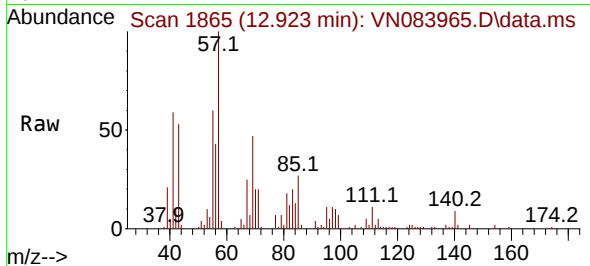




#75
1,1,2,2-Tetrachloroethane
Concen: 1.704 ug/l
RT: 12.923 min Scan# 1865
Delta R.T. -0.012 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

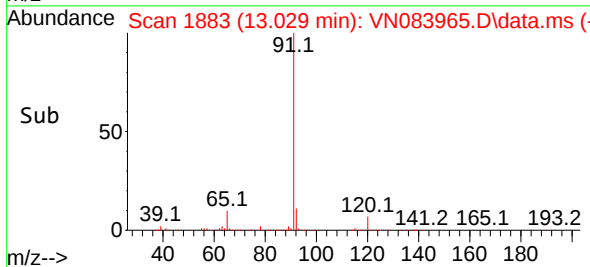
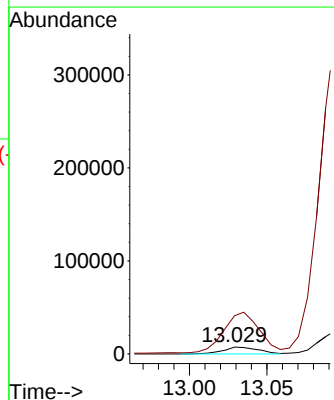
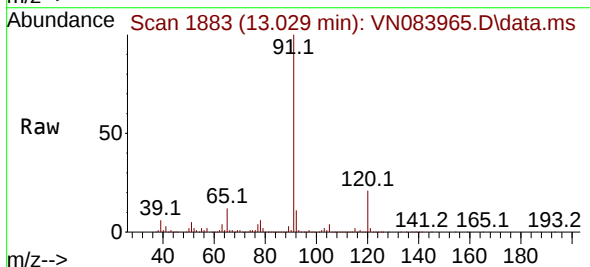
Instrument :
MSVOA_N
ClientSampleId :

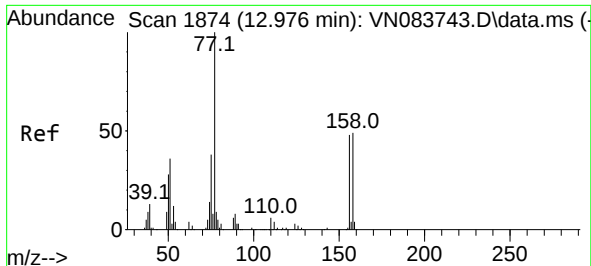
Tgt Ion: 83 Resp: 5240
Ion Ratio Lower Upper
83 100
131 1.0 5.2 15.6#
85 230.1 31.9 95.9#



#76
1,2,3-Trichloropropane
Concen: 4.279 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.035 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

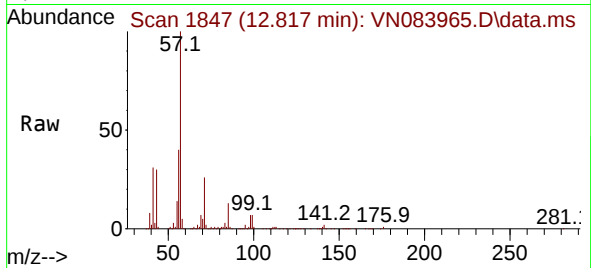
Tgt Ion: 75 Resp: 11678
Ion Ratio Lower Upper
75 100
77 608.3 95.2 285.6#



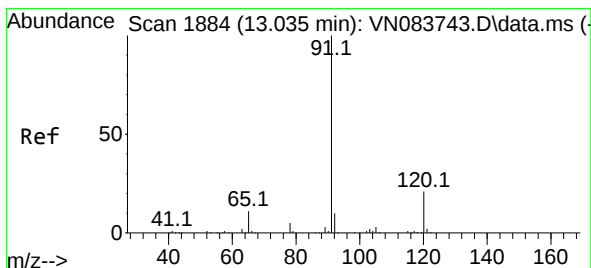
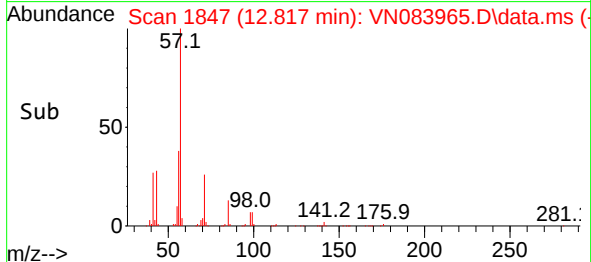
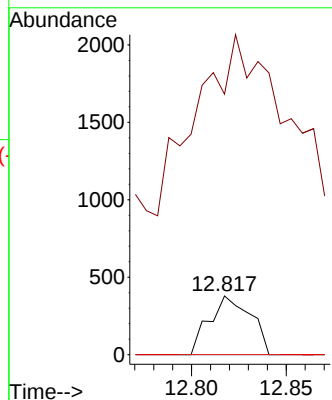


#77
Bromobenzene
Concen: 0.229 ug/l
RT: 12.817 min Scan# 1847
Delta R.T. -0.159 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Instrument :
MSVOA_N
ClientSampleId :

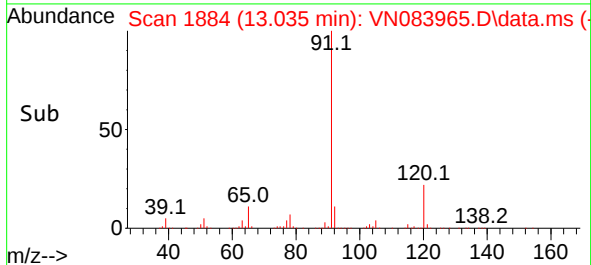
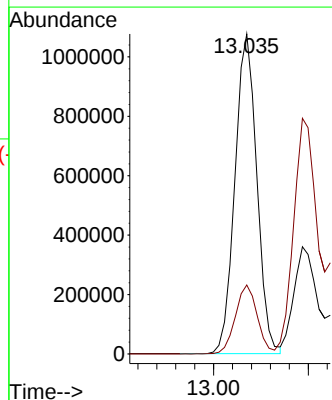
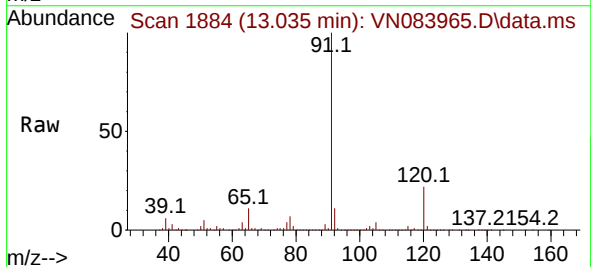


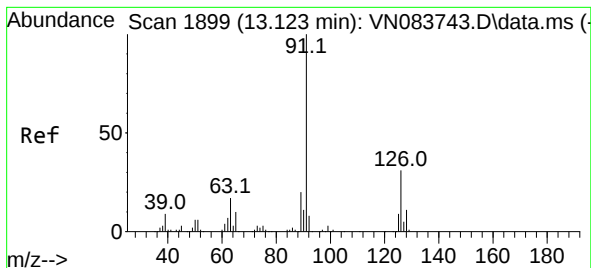
Tgt Ion:156 Resp: 577
Ion Ratio Lower Upper
156 100
77 0.0 114.3 343.1#
158 0.0 48.9 146.7#



#78
n-propylbenzene
Concen: 141.378 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion: 91 Resp: 1721208
Ion Ratio Lower Upper
91 100
120 21.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 68.629 ug/l

RT: 13.094 min Scan# 11

Delta R.T. -0.030 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

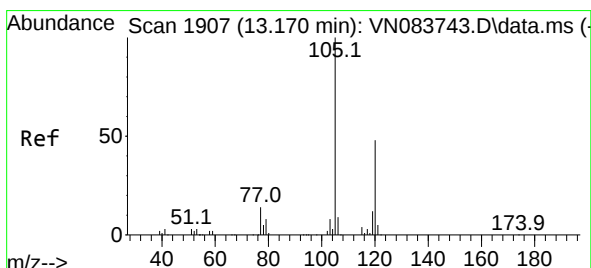
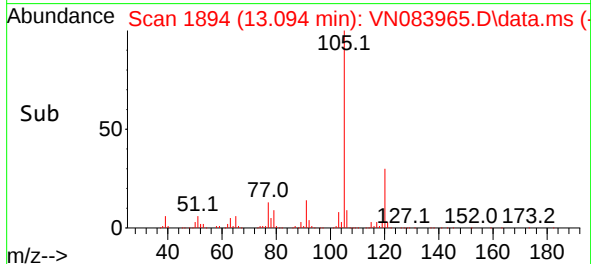
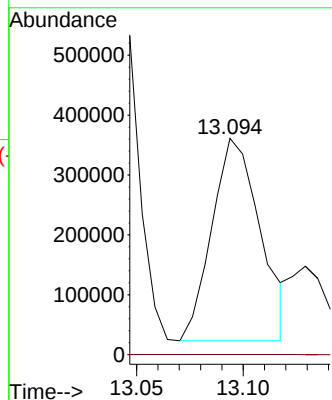
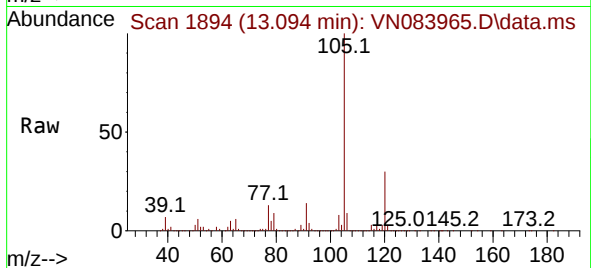
ClientSampleId :

Tgt Ion: 91 Resp: 532853

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#



#80

1,3,5-Trimethylbenzene

Concen: 203.554 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN083965.D

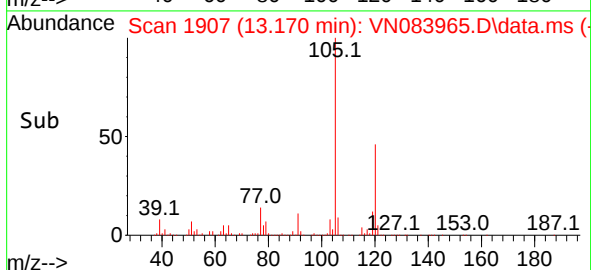
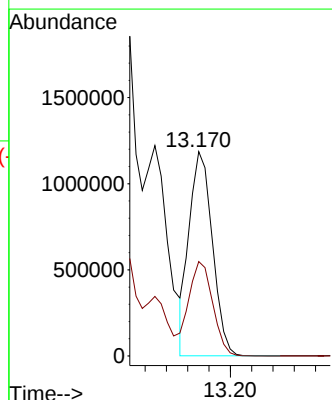
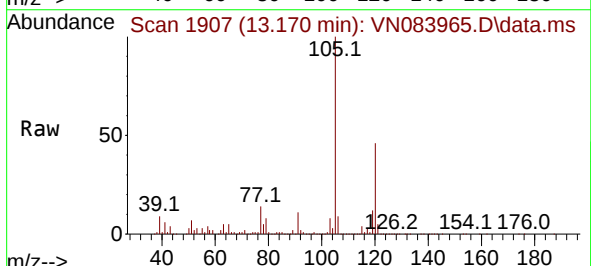
Acq: 18 Sep 2024 06:21

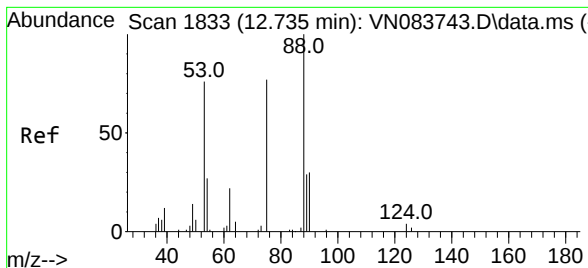
Tgt Ion:105 Resp: 1795709

Ion Ratio Lower Upper

105 100

120 49.2 23.4 70.3

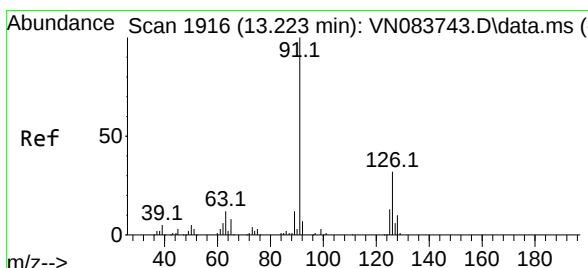
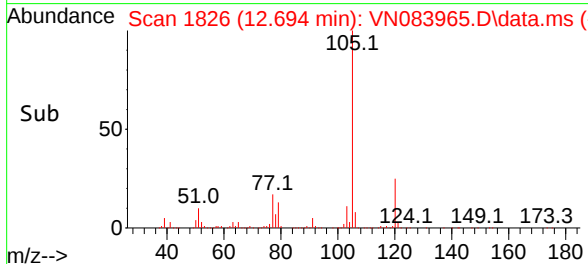
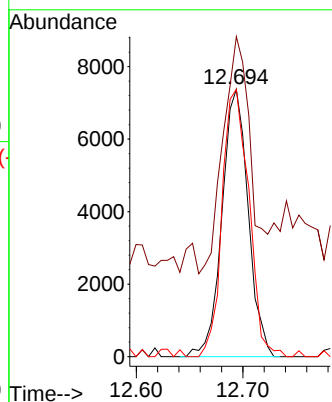
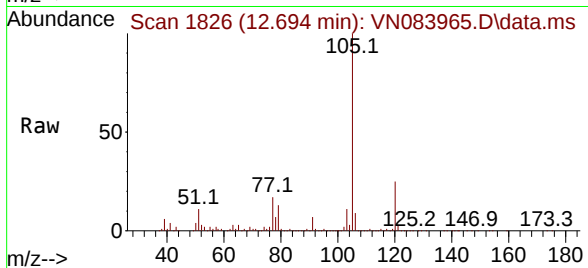




#81
trans-1,4-Dichloro-2-butene
Concen: 12.066 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

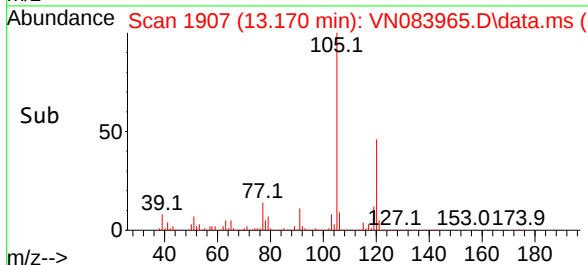
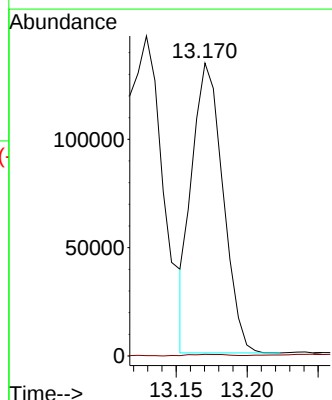
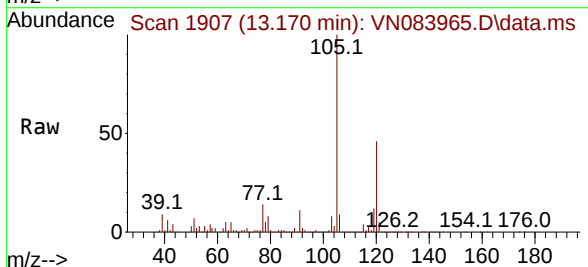
Instrument :
MSVOA_N
ClientSampleId :

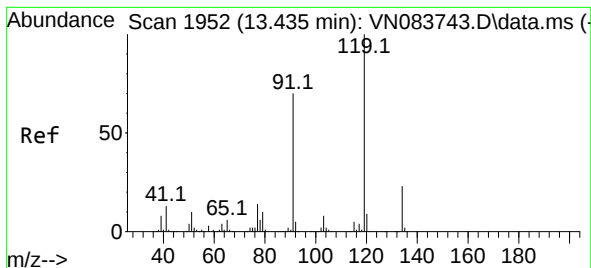
Tgt Ion: 75 Resp: 12573
Ion Ratio Lower Upper
75 100
53 92.3 81.2 121.8
89 102.1 35.7 53.5#



#82
4-Chlorotoluene
Concen: 26.060 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Tgt Ion: 91 Resp: 203046
Ion Ratio Lower Upper
91 100
126 0.8 15.4 46.2#





#83

tert-Butylbenzene

Concen: 93.191 ug/l

RT: 13.482 min Scan# 1952

Delta R.T. 0.047 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

ClientSampleId :

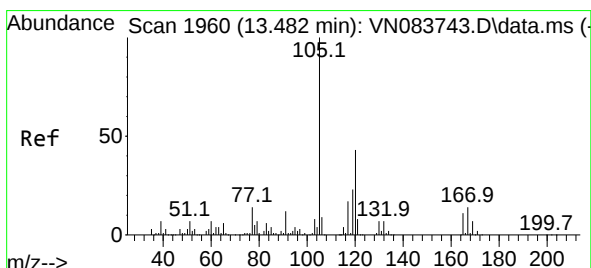
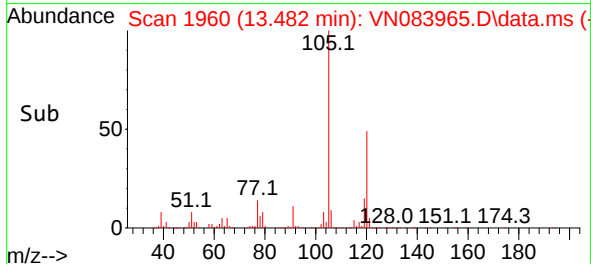
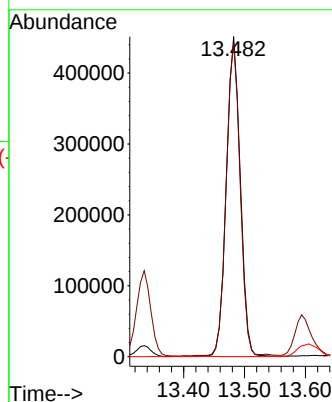
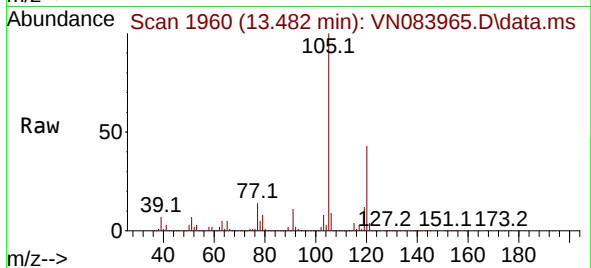
Tgt Ion:119 Resp: 719263

Ion Ratio Lower Upper

119 100

91 98.0 34.5 103.6

134 0.0 12.8 38.4#



#84

1,2,4-Trimethylbenzene

Concen: 694.311 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083965.D

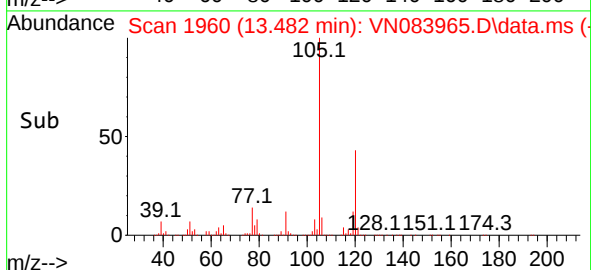
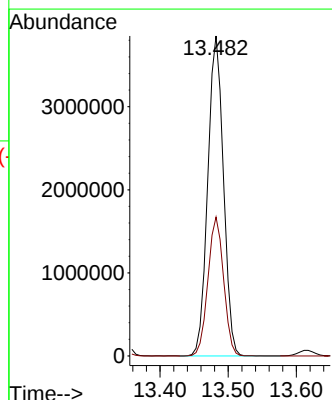
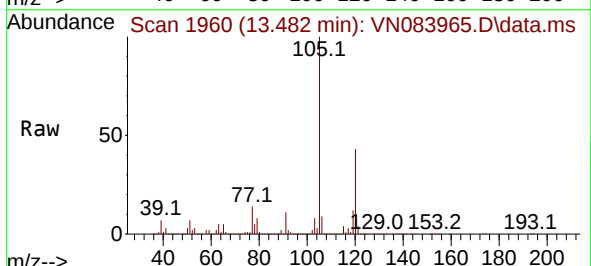
Acq: 18 Sep 2024 06:21

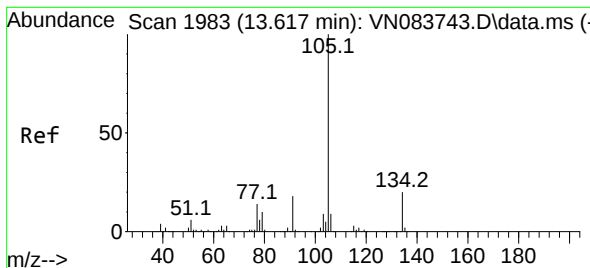
Tgt Ion:105 Resp: 6152688

Ion Ratio Lower Upper

105 100

120 43.4 21.8 65.4





#85

sec-Butylbenzene

Concen: 601.089 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

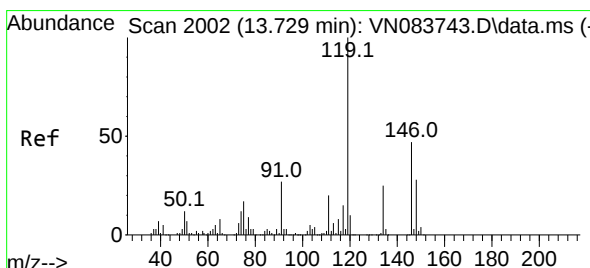
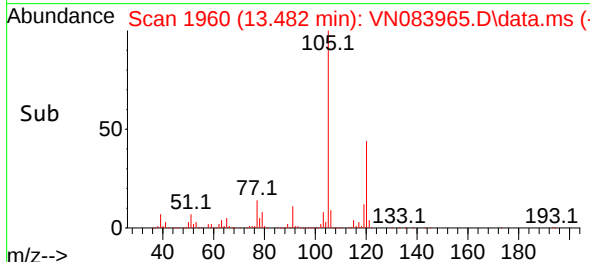
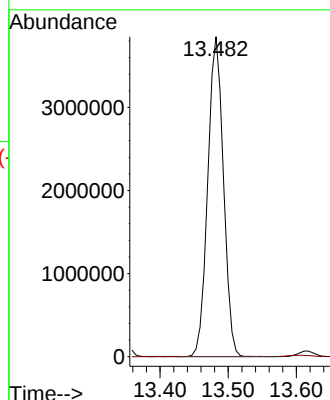
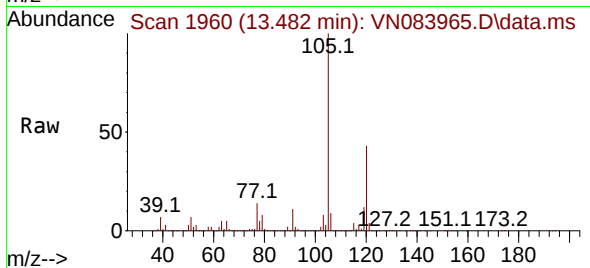
ClientSampleId :

Tgt Ion:105 Resp: 6152688

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#



#86

p-Isopropyltoluene

Concen: 15.958 ug/l

RT: 13.670 min Scan# 1992

Delta R.T. -0.059 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

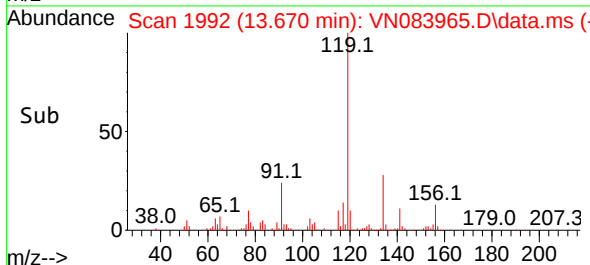
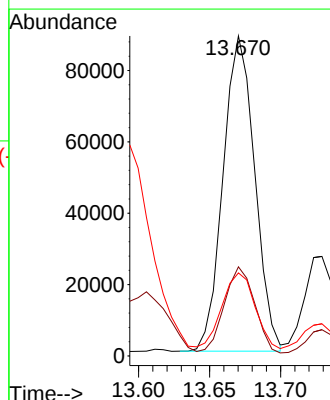
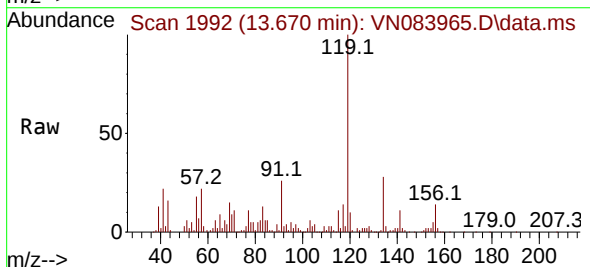
Tgt Ion:119 Resp: 136925

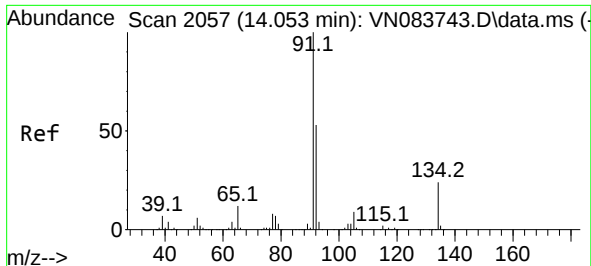
Ion Ratio Lower Upper

119 100

134 28.2 12.8 38.3

91 24.6 12.9 38.7





#89

n-Butylbenzene

Concen: 23.799 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN083965.D

Acq: 18 Sep 2024 06:21

Instrument :

MSVOA_N

ClientSampleId :

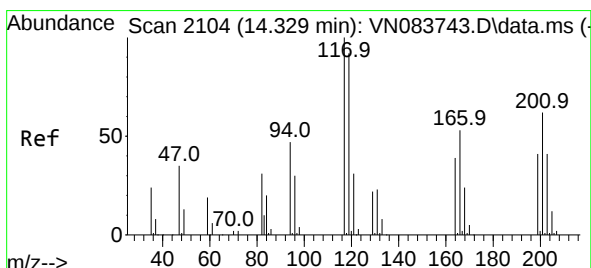
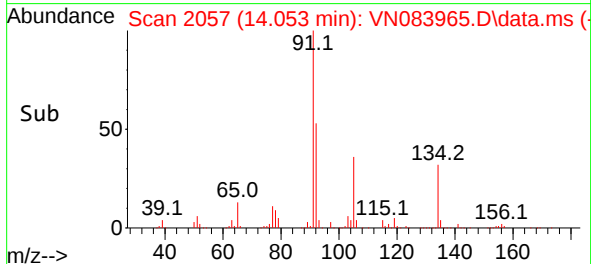
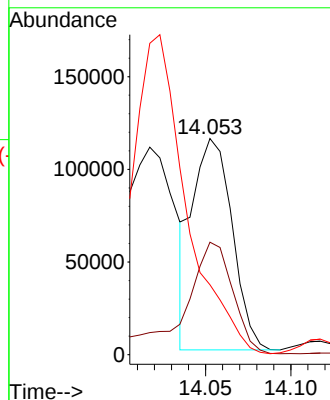
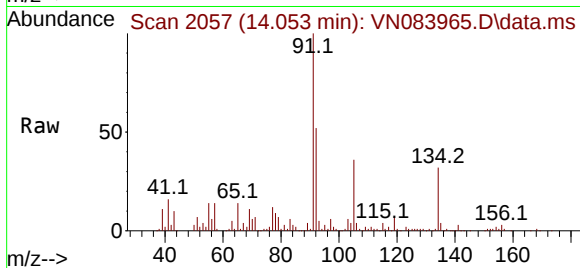
Tgt Ion: 91 Resp: 183348

Ion Ratio Lower Upper

91 100

92 60.8 26.7 80.1

134 0.0 12.2 36.4#



#90

Hexachloroethane

Concen: 41.347 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN083965.D

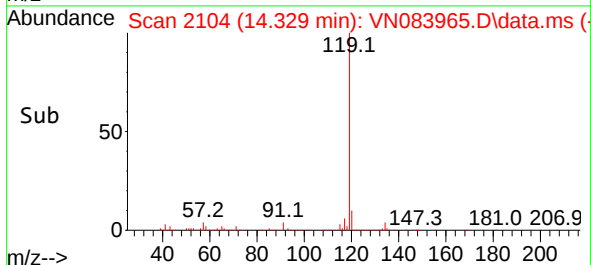
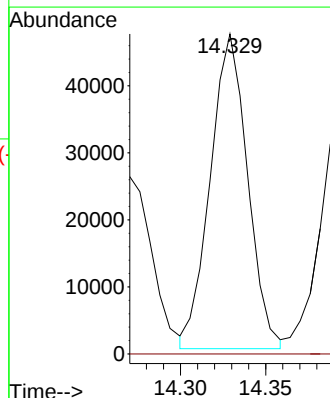
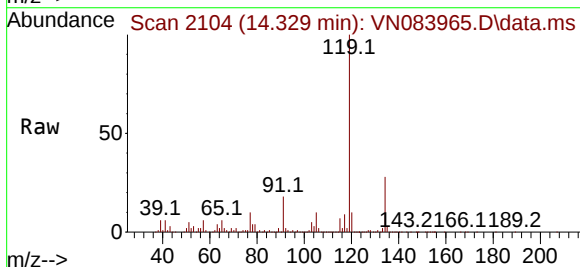
Acq: 18 Sep 2024 06:21

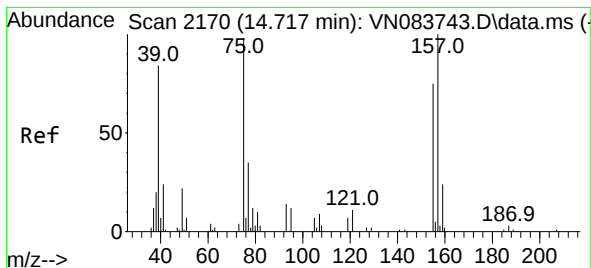
Tgt Ion: 117 Resp: 71316

Ion Ratio Lower Upper

117 100

201 0.0 32.8 98.3#

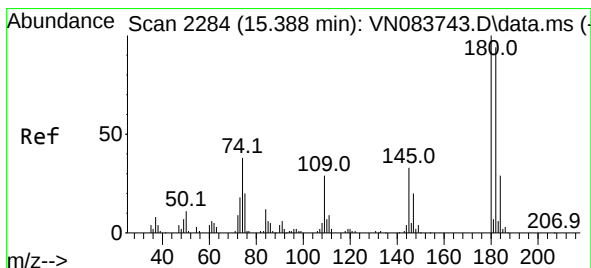
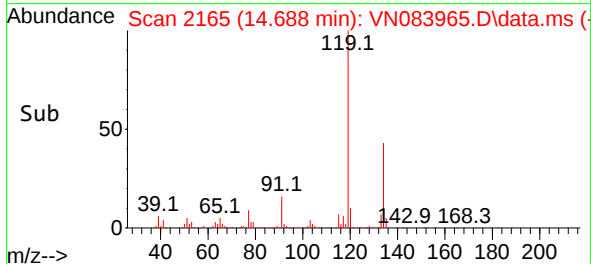
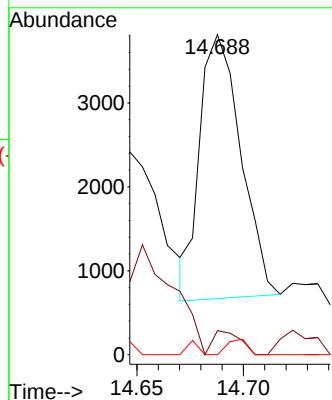
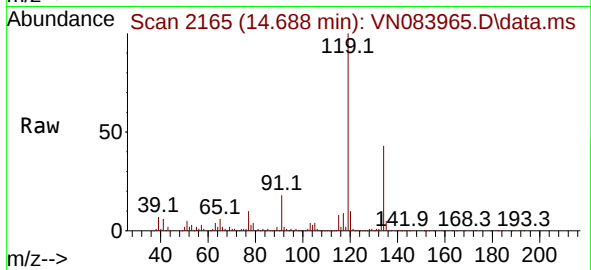




#92
1,2-Dibromo-3-Chloropropane
Concen: 6.892 ug/l
RT: 14.688 min Scan# 2170
Delta R.T. -0.030 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

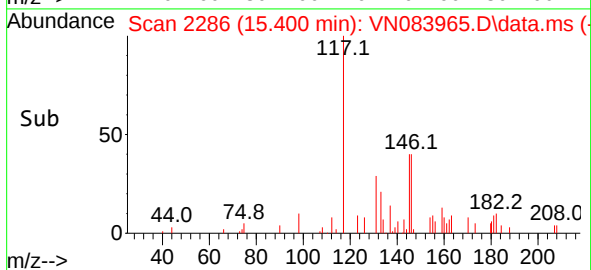
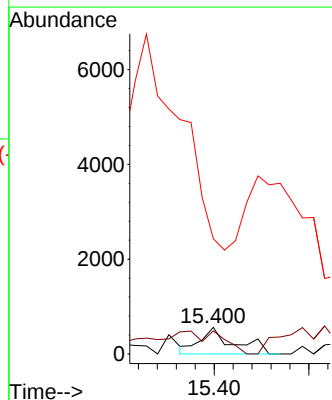
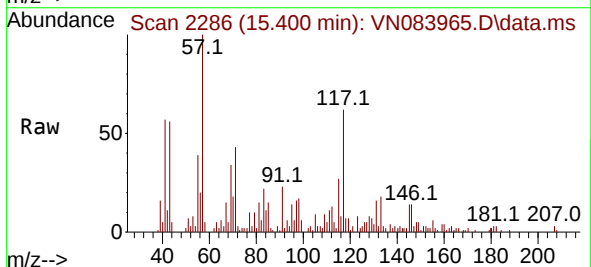
Instrument :
MSVOA_N
ClientSampleId :

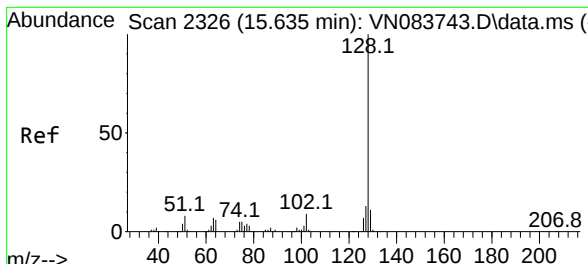
Tgt Ion: 75 Resp: 4224
Ion Ratio Lower Upper
75 100
155 0.0 35.9 107.7#
157 0.0 47.5 142.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.276 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.012 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

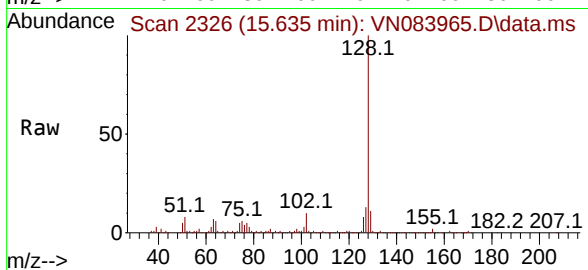
Tgt Ion:180 Resp: 679
Ion Ratio Lower Upper
180 100
182 234.8 48.1 144.3#
145 0.0 16.9 50.7#





#95
Naphthalene
Concen: 96.688 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083965.D
Acq: 18 Sep 2024 06:21

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	724146
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	11.1	8.7	13.1

