

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111124\
 Data File : VV038012.D
 Acq On : 11 Nov 2024 22:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 04:45:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 04:39:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	276829	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	285186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	150170	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	76923	3.630	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.529	69	69289	4.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.053	65	33577	3.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.828	46	250980	63.551	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.100%
24) Chloroform-d	4.243	84	186335	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	4.941	65	90346	5.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	4.953	84	325447	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	5.986	67	104801	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.236	98	295918	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	7.551	79	38395	4.623	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.024	63	232406	72.013	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	144.020%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	101130	5.840	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	119744	4.834	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	128356	4.645	ug/L	98
3) Chloromethane	1.214	50	133627	5.139	ug/L	99
5) Vinyl chloride	1.278	62	132135	5.106	ug/L	99
6) Bromomethane	1.484	94	78631	5.372	ug/L	98
8) Chloroethane	1.545	64	80692	5.241	ug/L	100
9) Trichlorofluoromethane	1.709	101	179426	4.991	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	96706	4.700	ug/L	99
12) 1,1-Dichloroethene	2.063	96	99865	5.281	ug/L	91
13) Acetone	2.153	43	175806	62.712	ug/L	71
14) Carbon disulfide	2.233	76	318714	4.968	ug/L	100
15) Methyl Acetate	2.391	43	44303	6.676	ug/L	100
16) Methylene chloride	2.442	84	120261	5.448	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	268520	6.350	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	112394	5.503	ug/L	98
19) 1,1-Dichloroethane	3.105	63	204496	5.511	ug/L	97
21) 2-Butanone	3.905	43	262422	62.987	ug/L	99
22) cis-1,2-Dichloroethene	3.809	96	117754	5.471	ug/L	99
23) Bromochloromethane	4.143	128	57412	5.908	ug/L	94
25) Chloroform	4.269	83	217286	5.574	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111124\
 Data File : VV038012.D
 Acq On : 11 Nov 2024 22:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

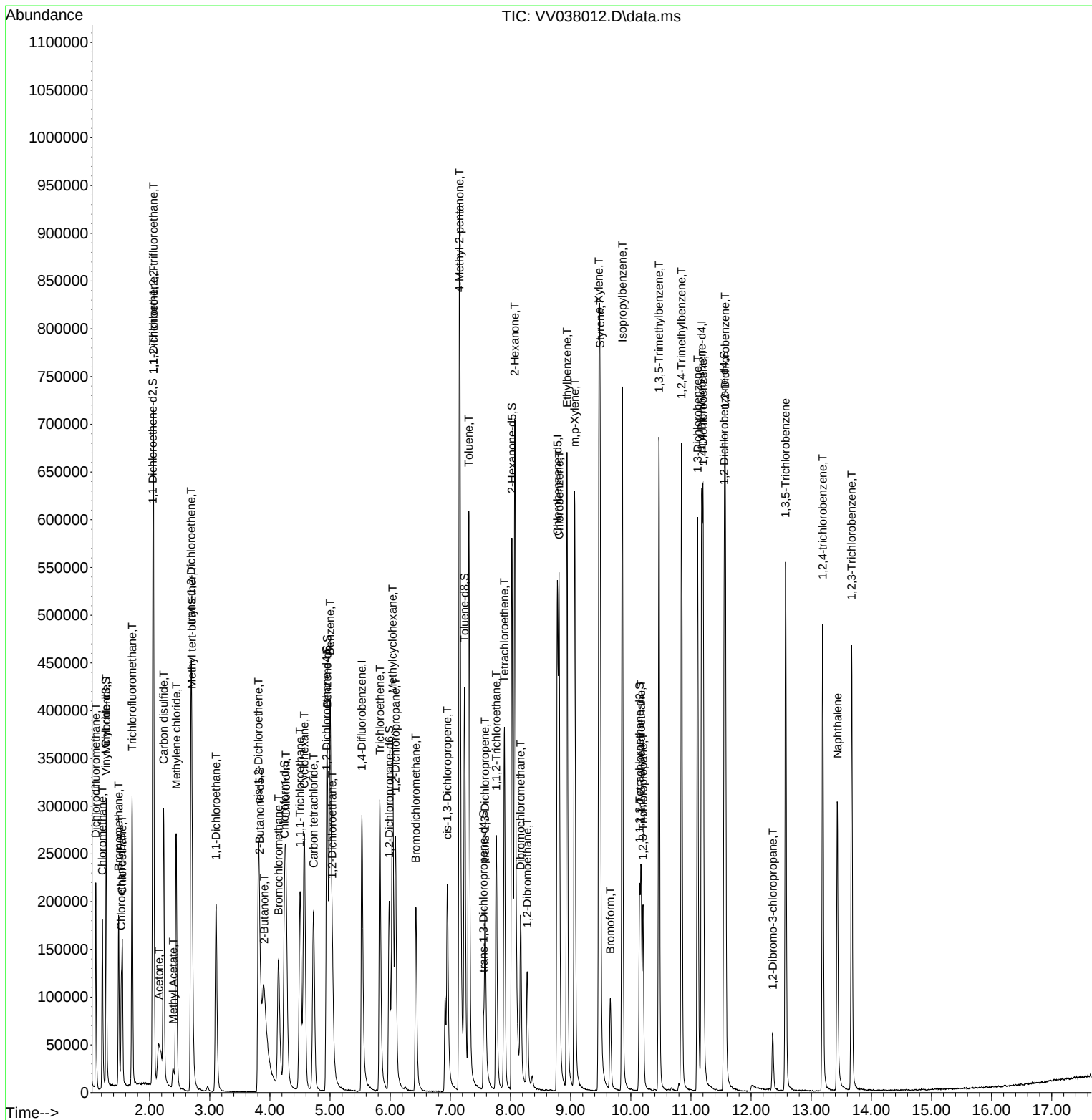
Instrument :
 MSVOA_V
 ClientSampleId :

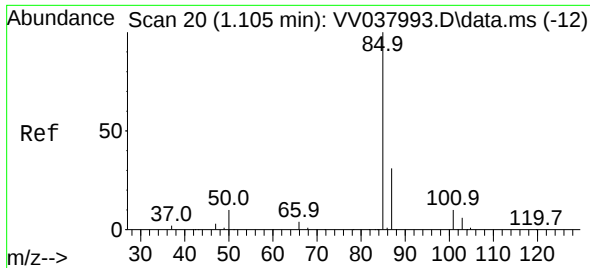
Quant Time: Nov 12 04:45:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 04:39:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	127060	5.883	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	180706	5.300	ug/L	100
30) Cyclohexane	4.571	56	145393	4.807	ug/L	99
31) Carbon tetrachloride	4.725	117	149556	4.999	ug/L	99
33) Benzene	5.002	78	444775	5.676	ug/L	100
34) Trichloroethene	5.828	95	118198	5.447	ug/L	97
35) Methylcyclohexane	6.040	83	155577	4.810	ug/L	99
37) 1,2-Dichloropropane	6.088	63	115704	5.907	ug/L	99
38) Bromodichloromethane	6.426	83	141438	5.443	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	155607	5.499	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	678157	68.801	ug/L	97
42) Toluene	7.307	91	470491	5.674	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	129907	5.567	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	92333	6.228	ug/L	98
47) Tetrachloroethene	7.899	164	87877	5.210	ug/L	99
48) 2-Hexanone	8.072	43	502592	72.084	ug/L	98
49) Dibromochloromethane	8.169	129	90425	5.335	ug/L	98
50) 1,2-Dibromoethane	8.278	107	88811	6.419	ug/L	96
51) Chlorobenzene	8.809	112	309446	5.456	ug/L	99
52) Ethylbenzene	8.940	91	486499	5.447	ug/L	99
53) m,p-Xylene	9.066	106	185172	5.435	ug/L	97
54) o-Xylene	9.471	106	180633	5.571	ug/L	99
55) Styrene	9.490	104	331020	5.927	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	111430	6.474	ug/L	96
59) Bromoform	9.661	173	45445	5.193	ug/L	98
60) Isopropylbenzene	9.860	105	478075	5.463	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	79011	6.728	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	372844	5.419	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	378807	5.580	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	249755	5.637	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	256744	5.611	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	238484	5.821	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	16613	6.517	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	172591	5.519	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	151767	6.181	ug/L	99
71) Naphthalene	13.435	128	265172	7.610	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	143659	6.786	ug/L	98

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

Quant Time: Nov 12 04:45:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 12 04:39:46 2024
Response via : Initial Calibration

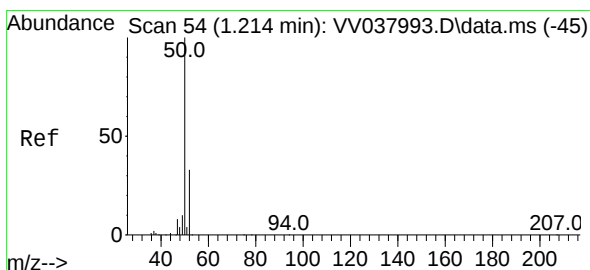
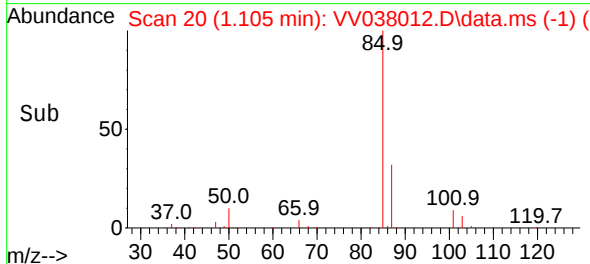
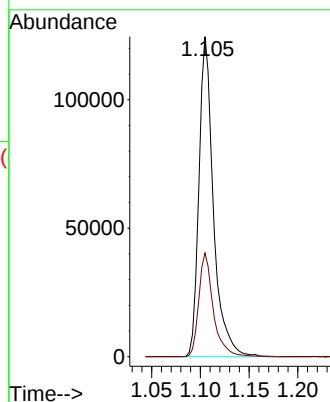
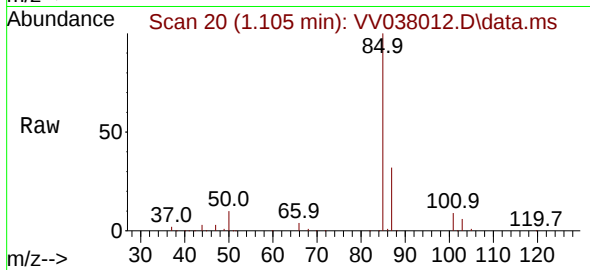




#2
 Dichlorodifluoromethane
 Concen: 4.645 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038012.D
 Acq: 11 Nov 2024 22:06

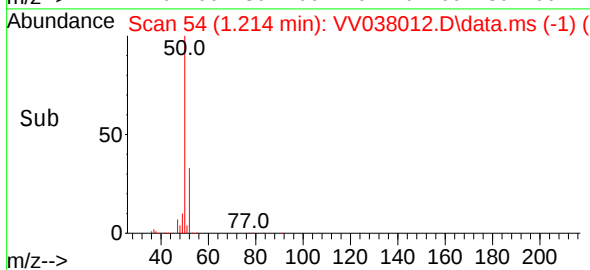
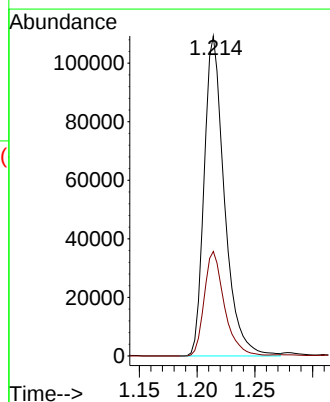
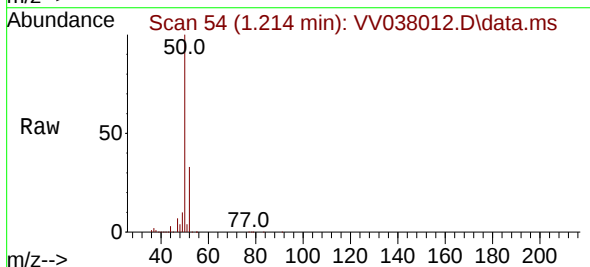
Instrument :
 MSVOA_V
 ClientSampleId :

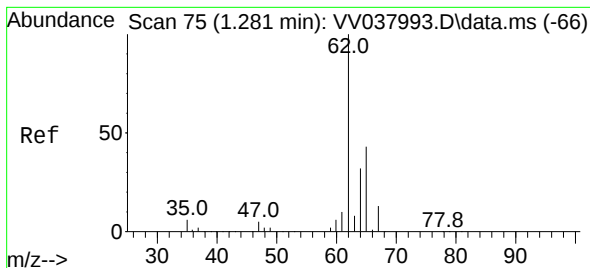
Tgt Ion: 85 Resp: 128356
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.4 38.0



#3
 Chloromethane
 Concen: 5.139 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038012.D
 Acq: 11 Nov 2024 22:06

Tgt Ion: 50 Resp: 133627
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.4 43.4





#5

Vinyl chloride

Concen: 5.106 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

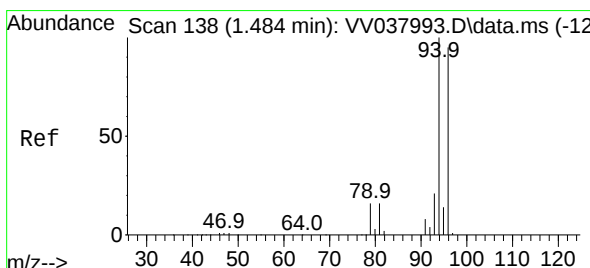
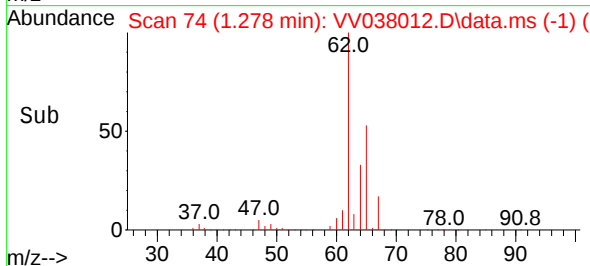
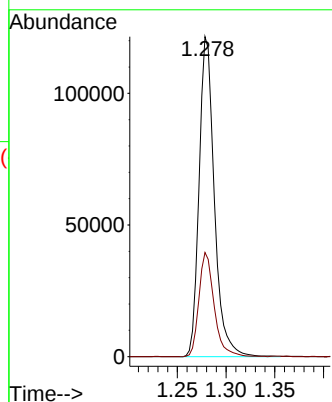
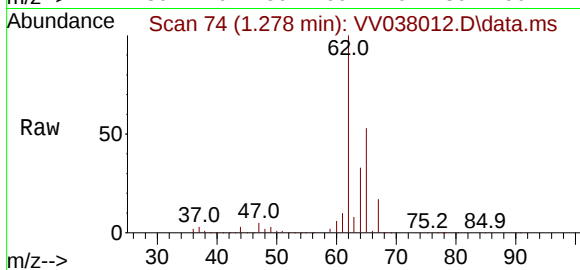
ClientSampleId :

Tgt Ion: 62 Resp: 132135

Ion Ratio Lower Upper

62 100

64 32.5 22.4 41.6



#6

Bromomethane

Concen: 5.372 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV038012.D

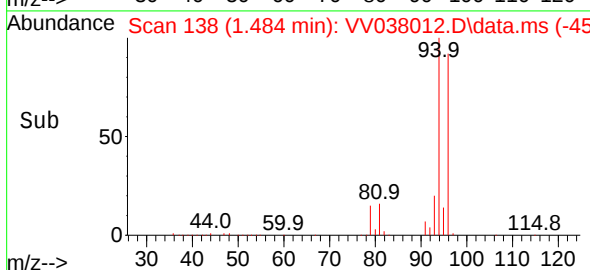
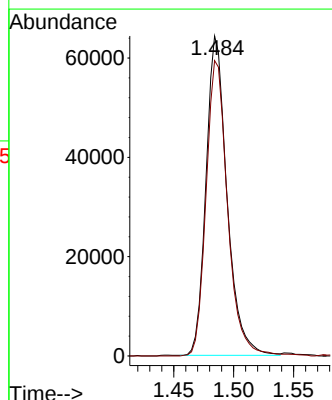
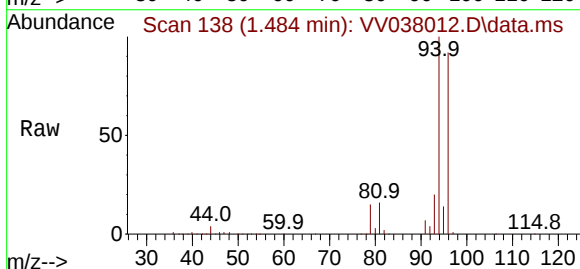
Acq: 11 Nov 2024 22:06

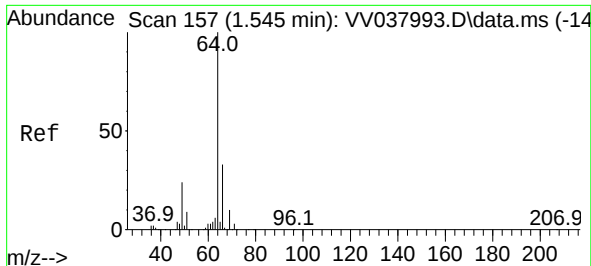
Tgt Ion: 94 Resp: 78631

Ion Ratio Lower Upper

94 100

96 92.3 66.3 123.1

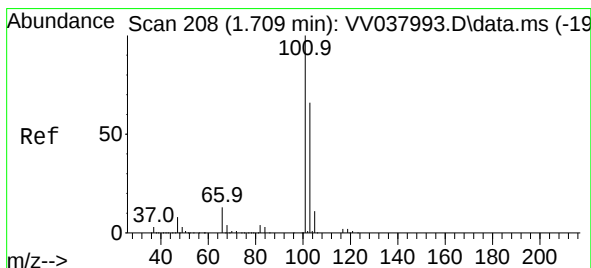
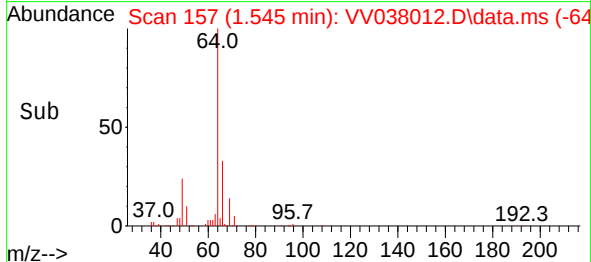
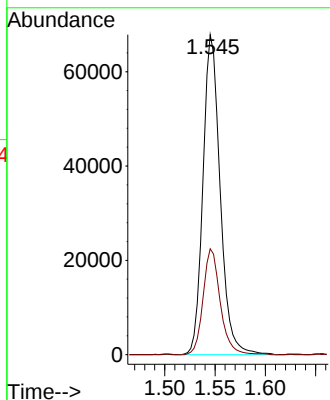
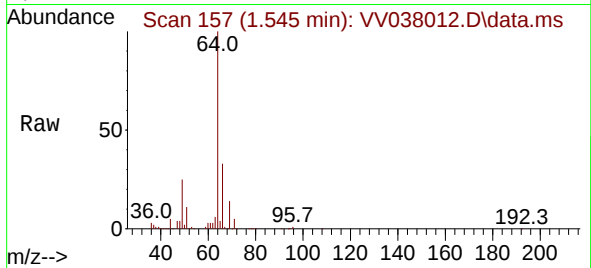




#8
Chloroethane
Concen: 5.241 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

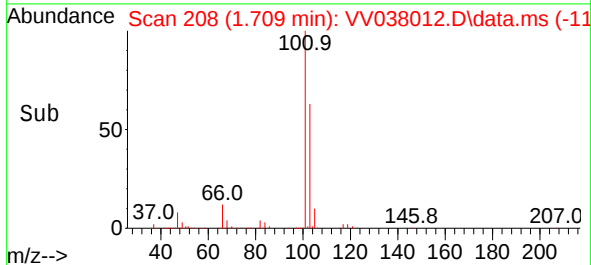
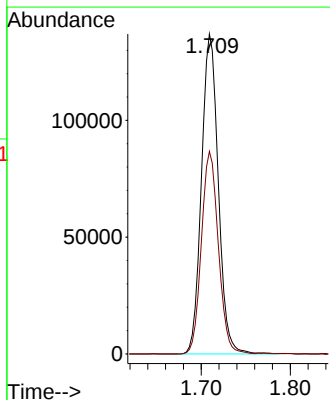
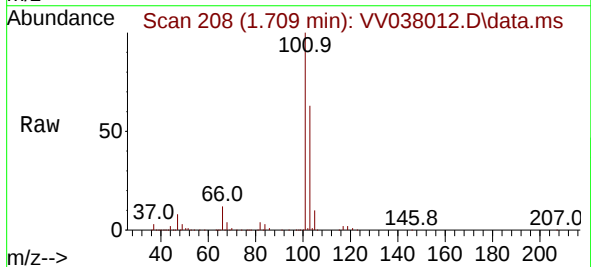
Instrument :
MSVOA_V
ClientSampleId :

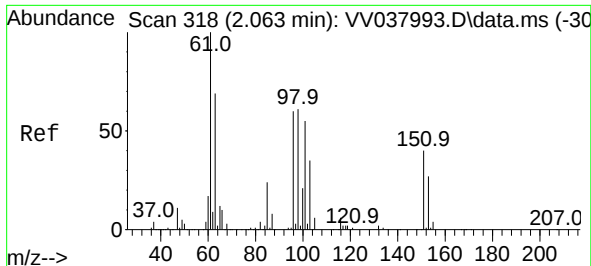
Tgt Ion: 64 Resp: 80692
Ion Ratio Lower Upper
64 100
66 33.1 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.991 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

Tgt Ion:101 Resp: 179426
Ion Ratio Lower Upper
101 100
103 63.8 51.7 77.5

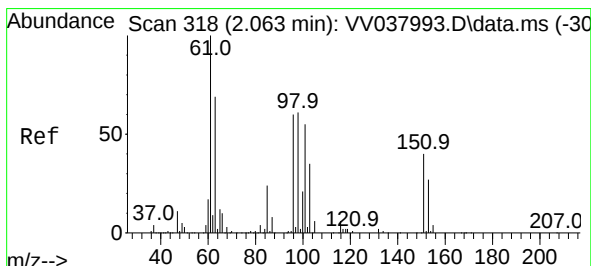
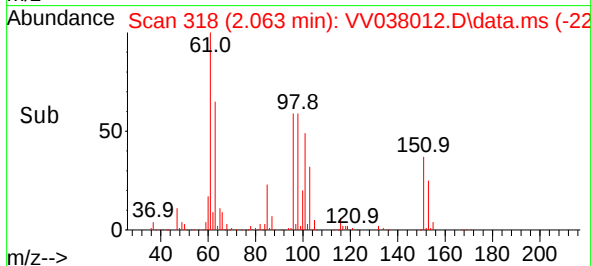
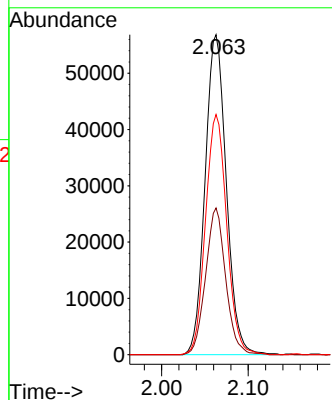
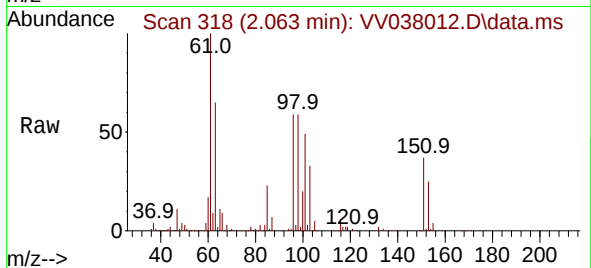




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.700 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

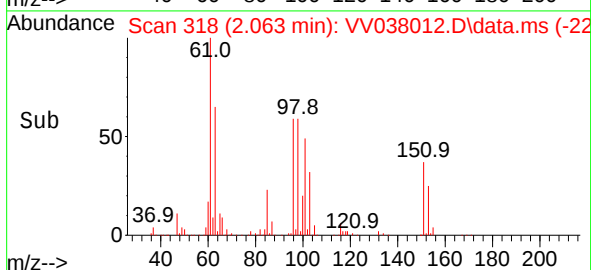
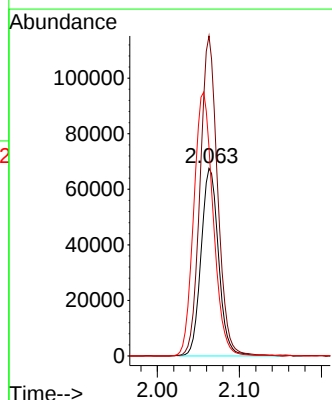
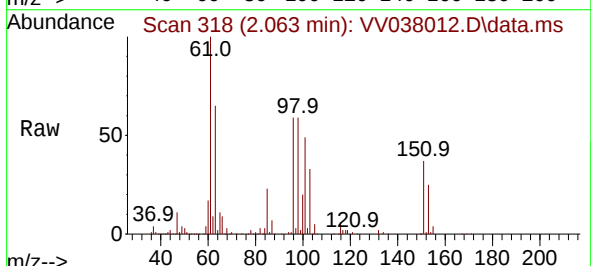
Instrument :
MSVOA_V
ClientSampleId :

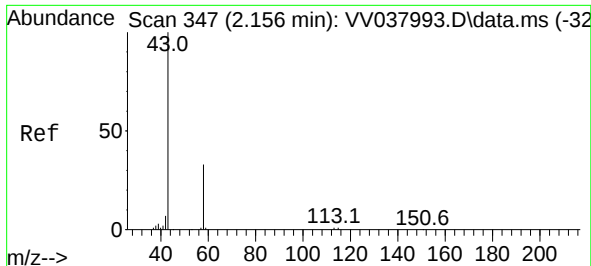
Tgt Ion:101 Resp: 96706
Ion Ratio Lower Upper
101 100
85 43.5 35.0 52.6
151 75.1 59.2 88.8



#12
1,1-Dichloroethene
Concen: 5.281 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

Tgt Ion: 96 Resp: 99865
Ion Ratio Lower Upper
96 100
61 170.6 117.4 218.0
63 111.2 91.7 170.3





#13

Acetone

Concen: 62.712 ug/L

RT: 2.153 min Scan# 347

Delta R.T. -0.003 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

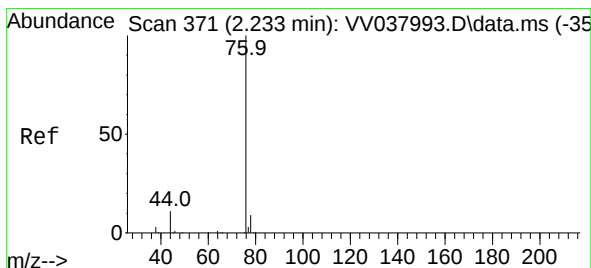
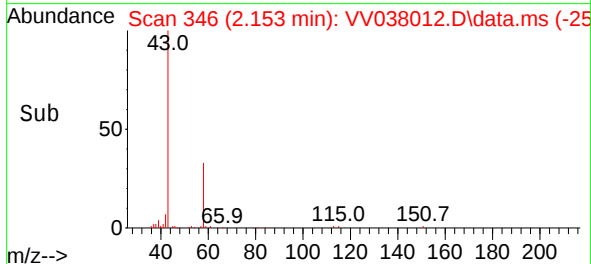
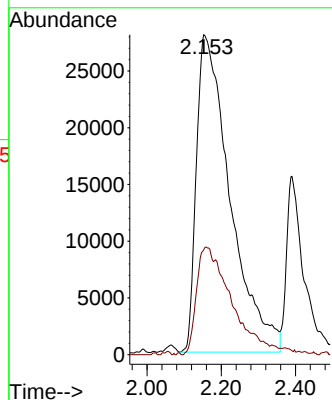
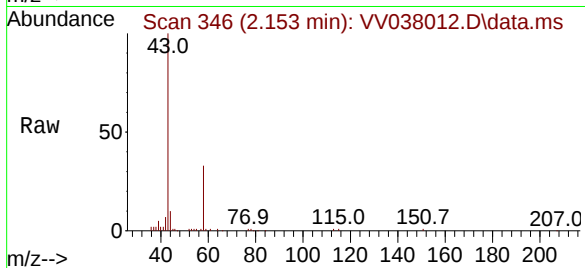
ClientSampleId :

Tgt Ion: 43 Resp: 175806

Ion Ratio Lower Upper

43 100

58 16.0 0.0 64.6



#14

Carbon disulfide

Concen: 4.968 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV038012.D

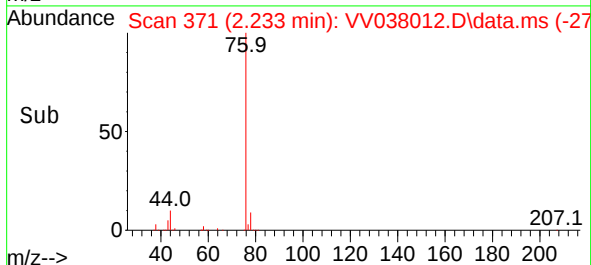
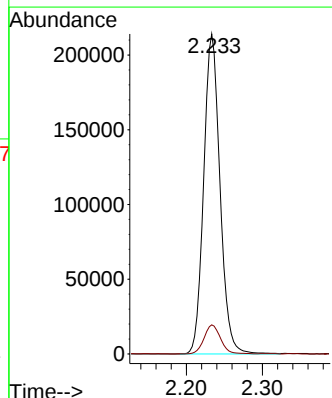
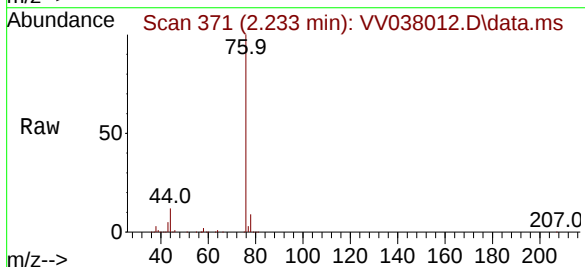
Acq: 11 Nov 2024 22:06

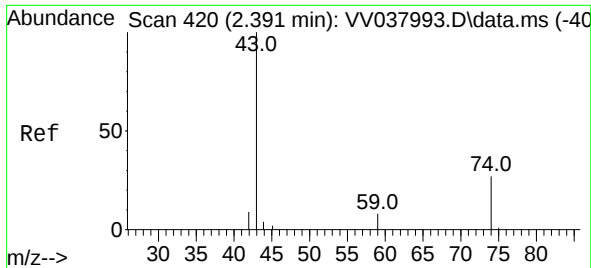
Tgt Ion: 76 Resp: 318714

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

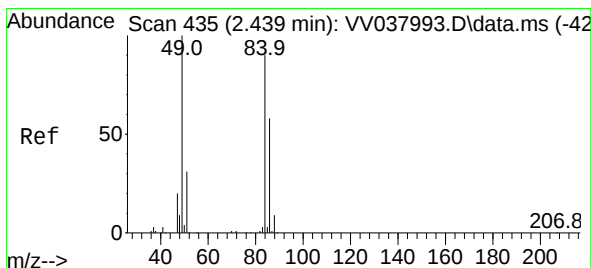
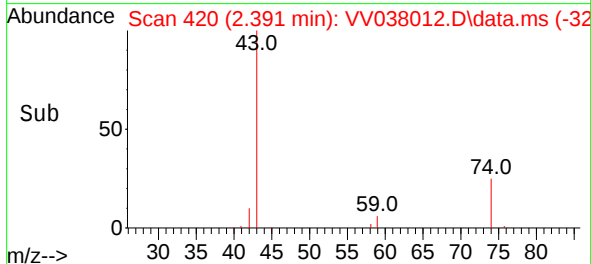
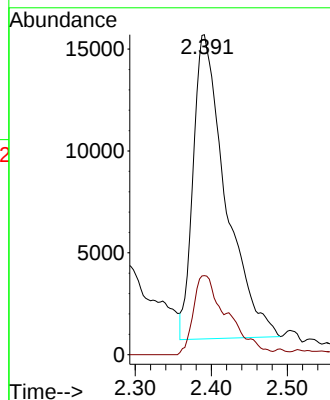
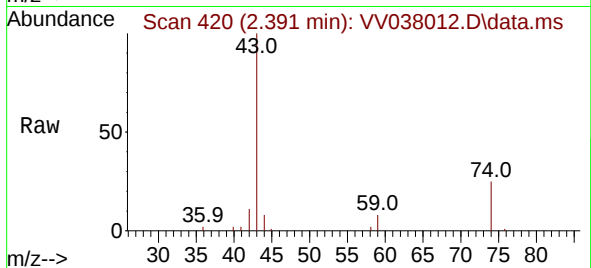




#15
Methyl Acetate
Concen: 6.676 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

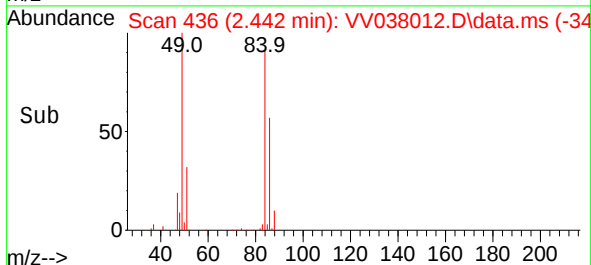
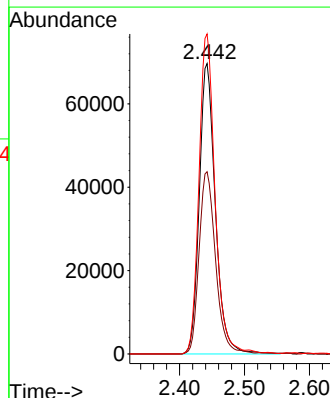
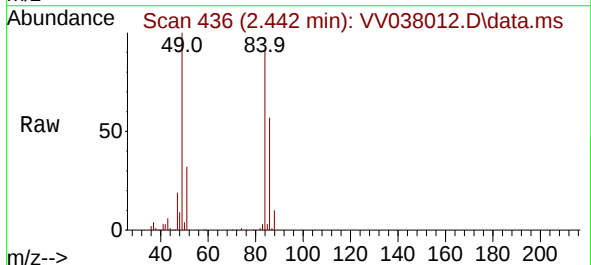
Instrument :
MSVOA_V
ClientSampleId :

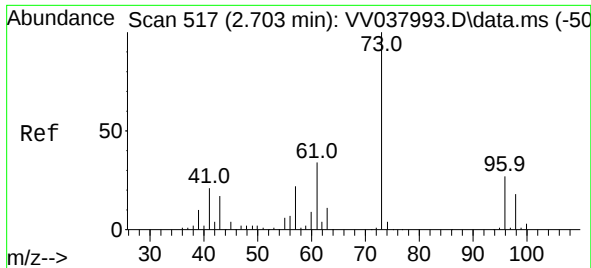
Tgt Ion: 43 Resp: 44303
Ion Ratio Lower Upper
43 100
74 27.3 21.8 32.8



#16
Methylene chloride
Concen: 5.448 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

Tgt Ion: 84 Resp: 120261
Ion Ratio Lower Upper
84 100
86 62.8 45.0 83.6
49 110.2 79.2 147.2





#17

Methyl tert-butyl Ether

Concen: 6.350 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

ClientSampleId :

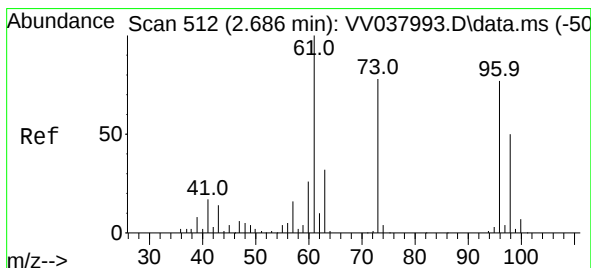
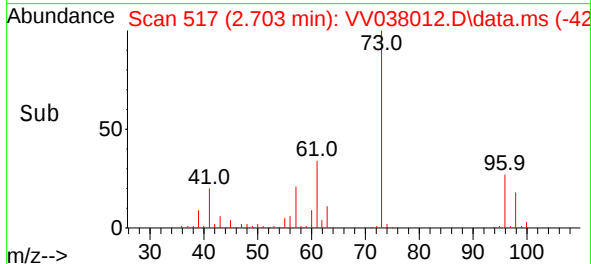
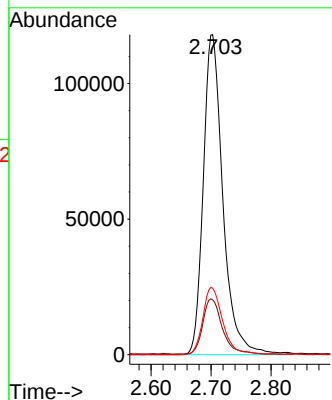
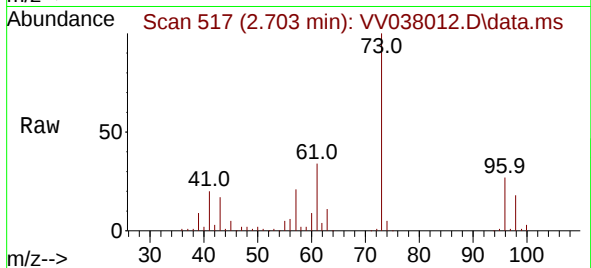
Tgt Ion: 73 Resp: 268520

Ion Ratio Lower Upper

73 100

43 17.0 14.4 21.6

57 21.6 17.8 26.6



#18

trans-1,2-Dichloroethene

Concen: 5.503 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

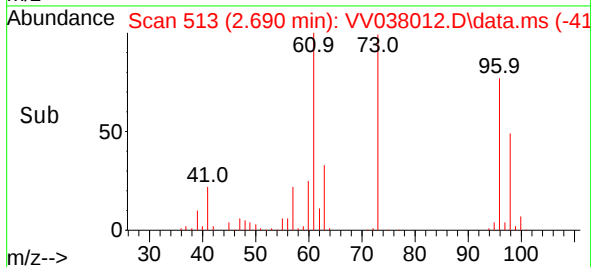
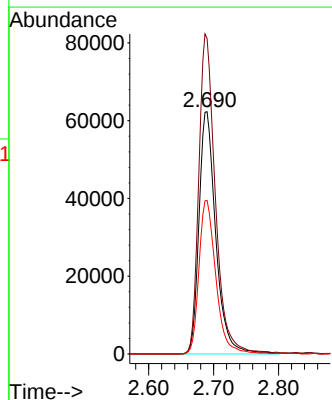
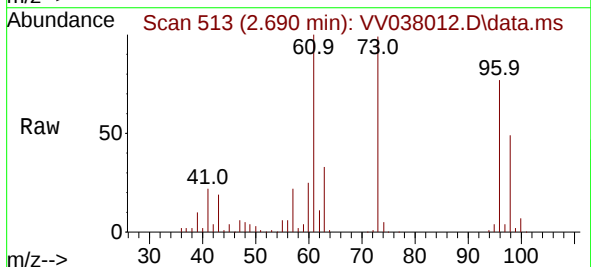
Tgt Ion: 96 Resp: 112394

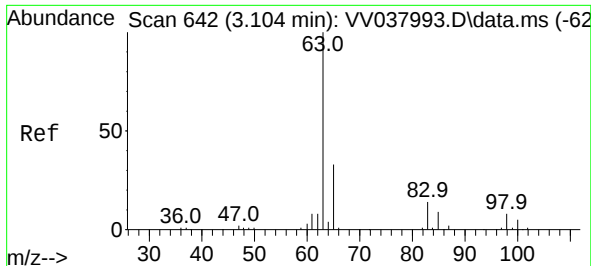
Ion Ratio Lower Upper

96 100

61 130.3 93.2 173.0

98 63.4 44.4 82.4





#19

1,1-Dichloroethane

Concen: 5.511 ug/L

RT: 3.105 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

ClientSampleId :

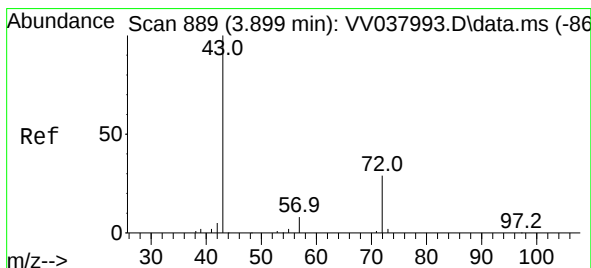
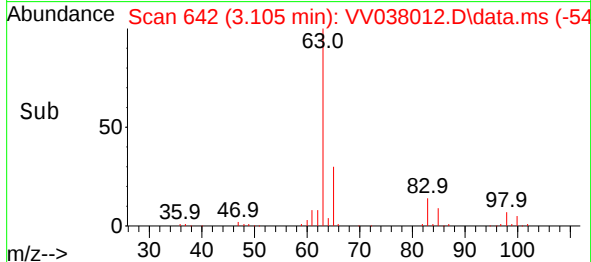
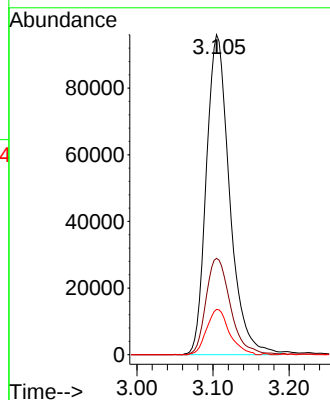
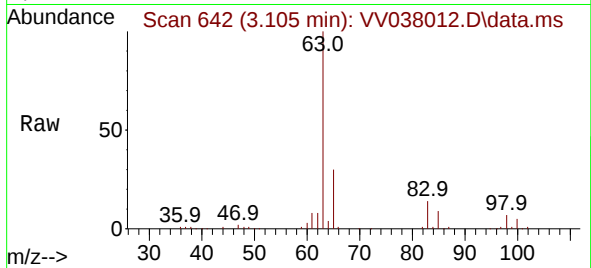
Tgt Ion: 63 Resp: 204496

Ion Ratio Lower Upper

63 100

65 30.1 22.3 41.3

83 14.1 9.5 17.7



#21

2-Butanone

Concen: 62.987 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.007 min

Lab File: VV038012.D

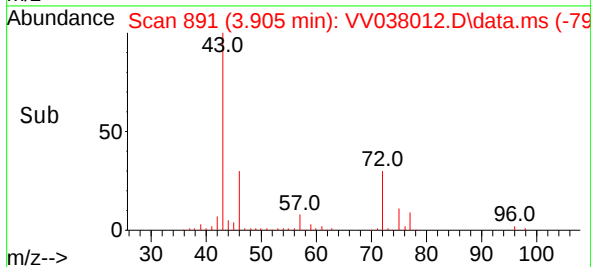
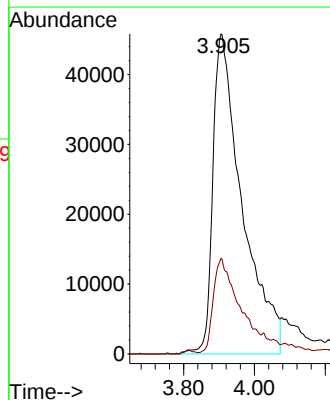
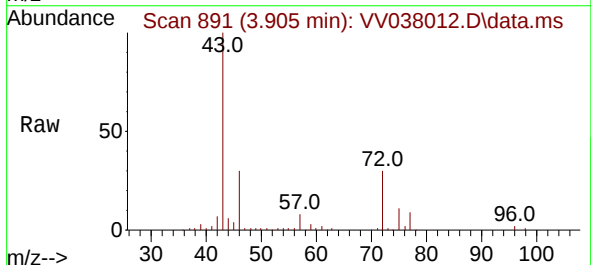
Acq: 11 Nov 2024 22:06

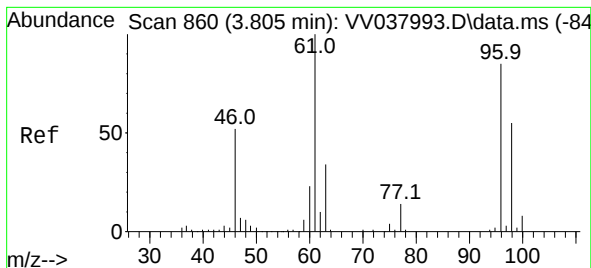
Tgt Ion: 43 Resp: 262422

Ion Ratio Lower Upper

43 100

72 25.5 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 5.471 ug/L

RT: 3.809 min Scan# 860

Delta R.T. 0.003 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

ClientSampleId :

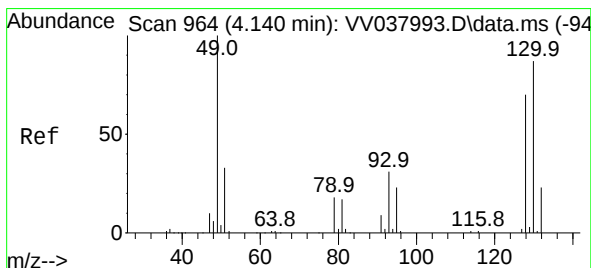
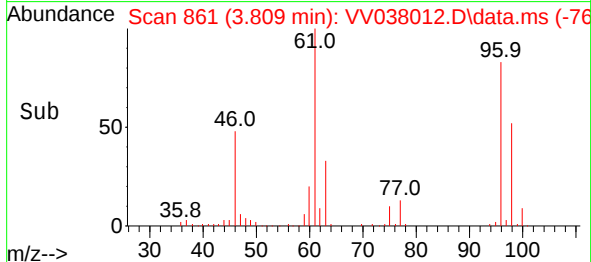
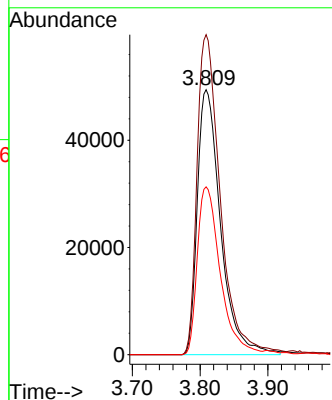
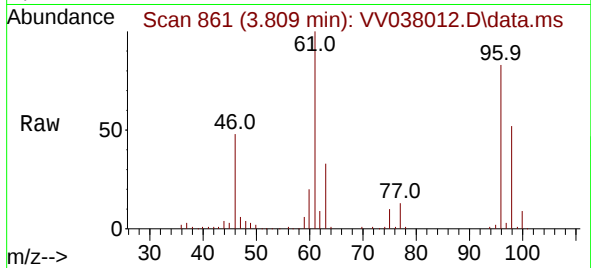
Tgt Ion: 96 Resp: 117754

Ion Ratio Lower Upper

96 100

61 120.7 83.4 154.8

98 63.3 44.6 82.8



#23

Bromochloromethane

Concen: 5.908 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.003 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Tgt Ion: 128 Resp: 57412

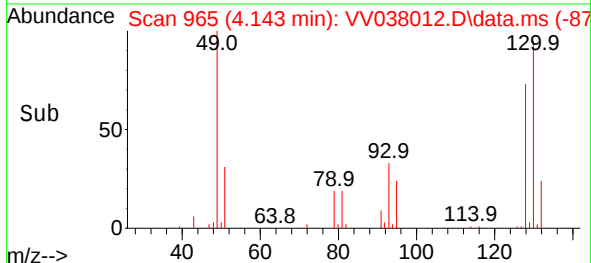
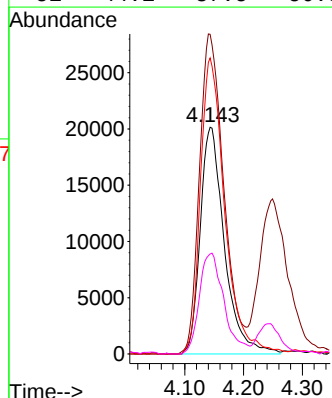
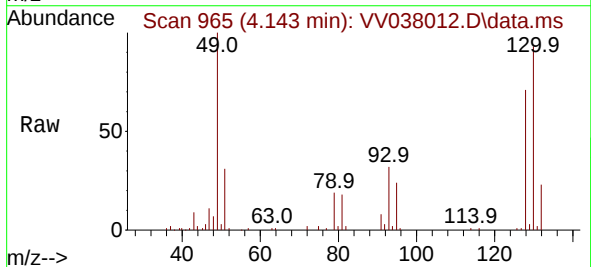
Ion Ratio Lower Upper

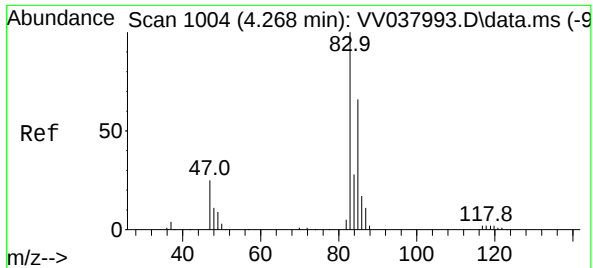
128 100

49 141.0 103.0 191.4

130 130.6 85.9 159.5

51 44.1 37.5 56.3





#25

Chloroform

Concen: 5.574 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

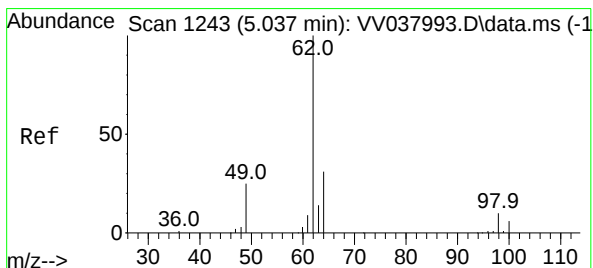
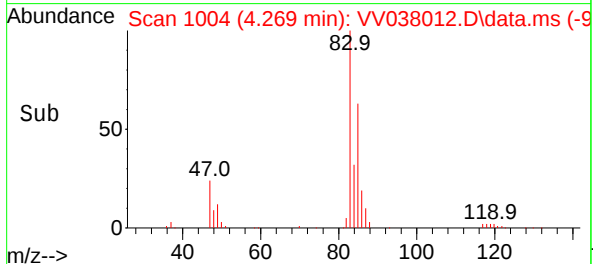
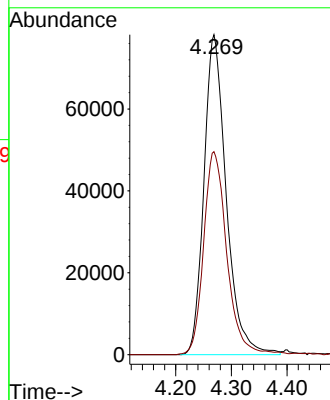
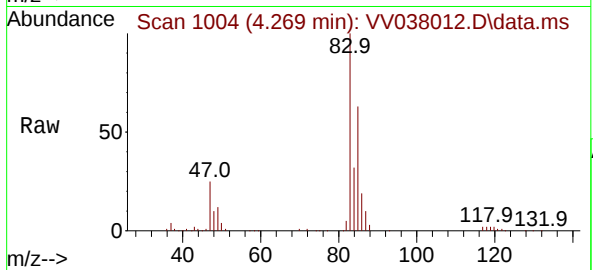
ClientSampleId :

Tgt Ion: 83 Resp: 217286

Ion Ratio Lower Upper

83 100

85 63.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.883 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV038012.D

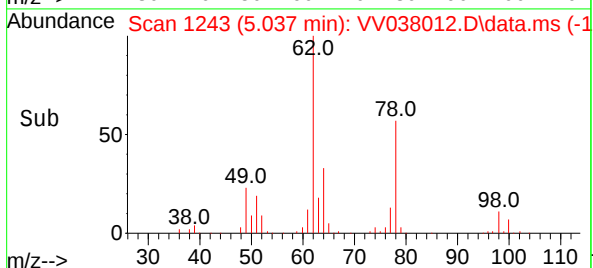
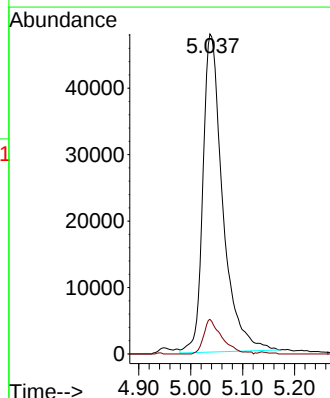
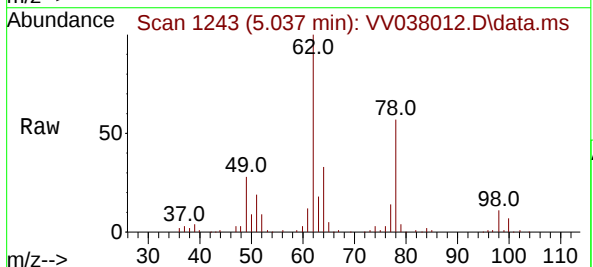
Acq: 11 Nov 2024 22:06

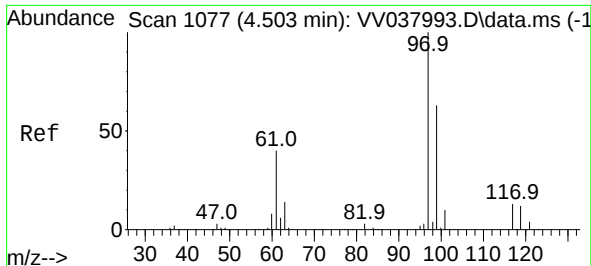
Tgt Ion: 62 Resp: 127060

Ion Ratio Lower Upper

62 100

98 10.8 8.1 12.1

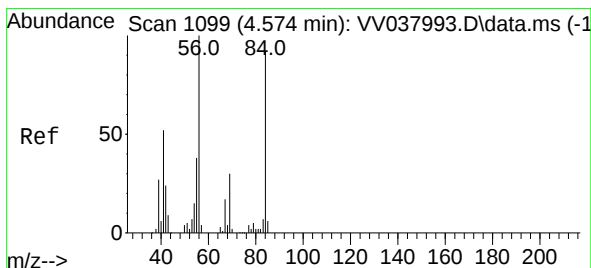
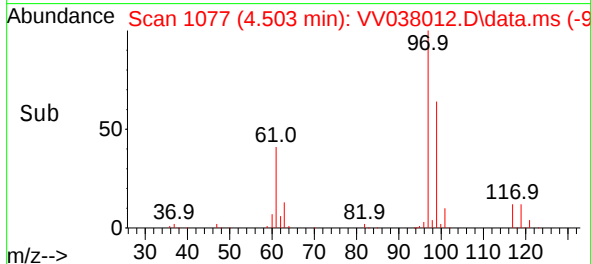
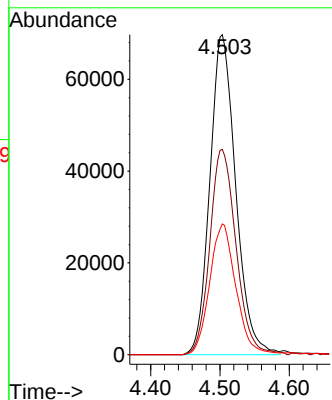
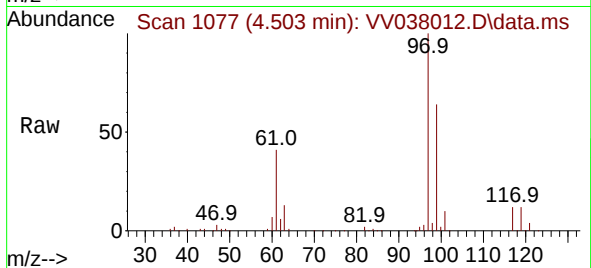




#29
1,1,1-Trichloroethane
Concen: 5.300 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

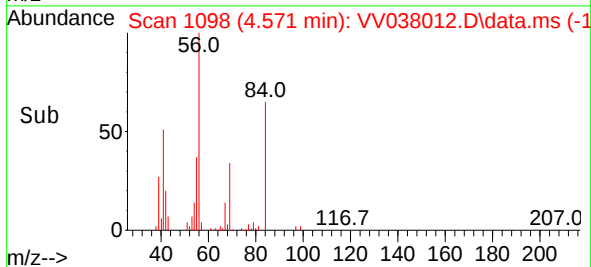
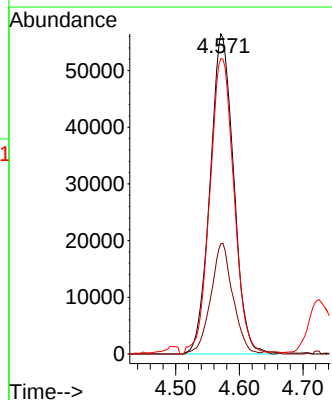
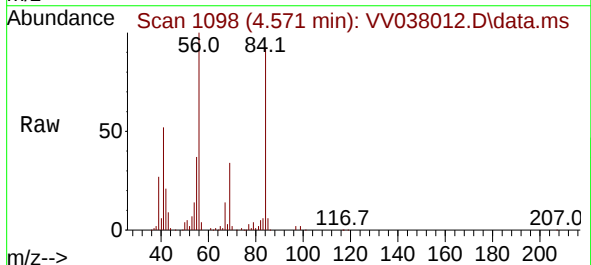
Instrument :
MSVOA_V
ClientSampleId :

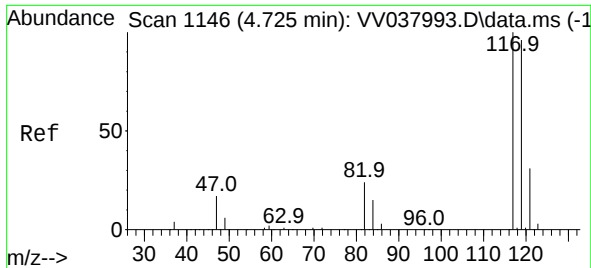
Tgt Ion: 97 Resp: 180706
Ion Ratio Lower Upper
97 100
99 65.2 52.1 78.1
61 41.4 33.3 49.9



#30
Cyclohexane
Concen: 4.807 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

Tgt Ion: 56 Resp: 145393
Ion Ratio Lower Upper
56 100
69 32.3 25.5 38.3
84 94.6 75.2 112.8

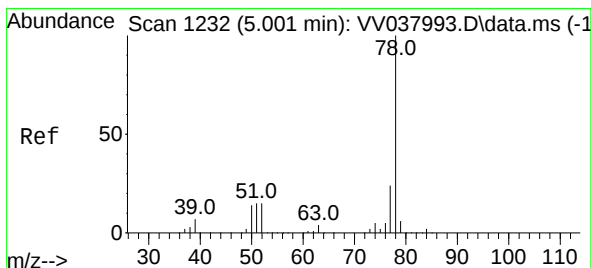
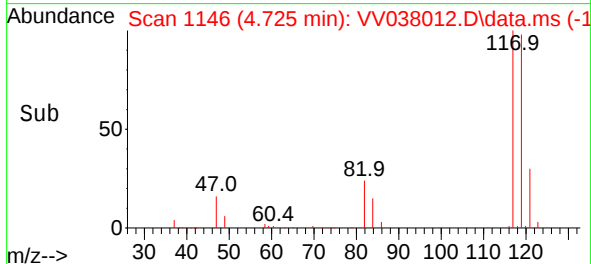
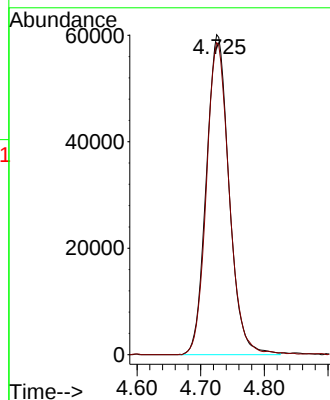
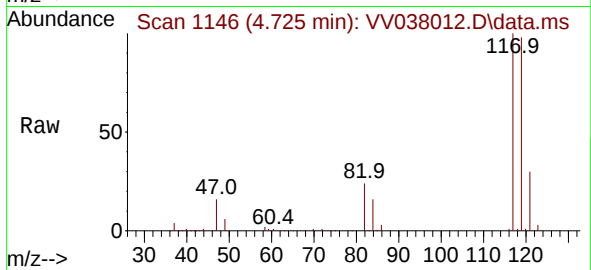




#31
Carbon tetrachloride
Concen: 4.999 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

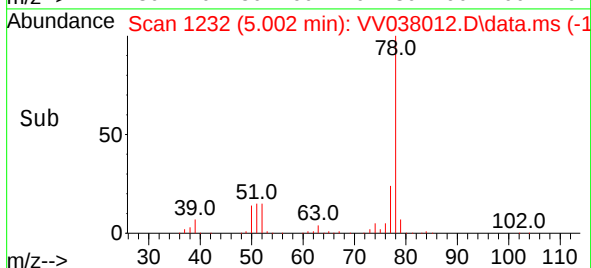
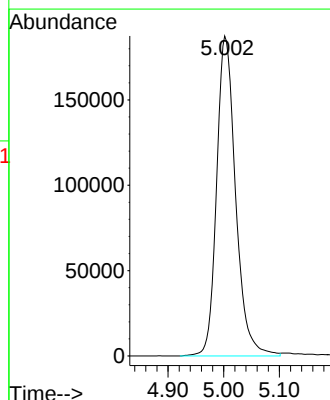
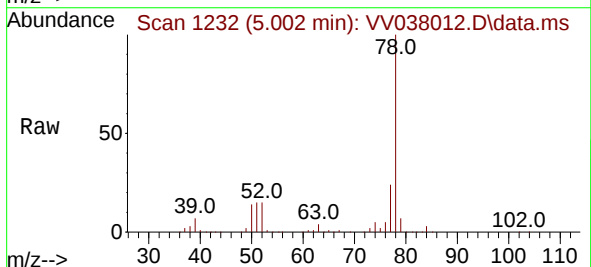
Instrument :
MSVOA_V
ClientSampleId :

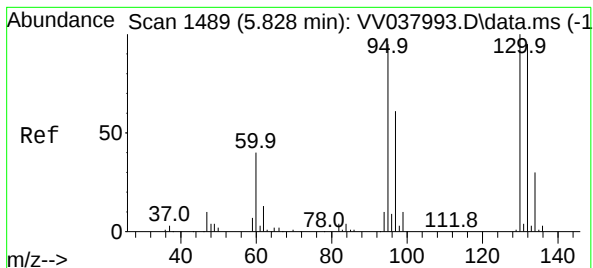
Tgt Ion:117 Resp: 149556
Ion Ratio Lower Upper
117 100
119 97.1 77.2 115.8



#33
Benzene
Concen: 5.676 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

Tgt Ion: 78 Resp: 444775





#34

Trichloroethene

Concen: 5.447 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 118198

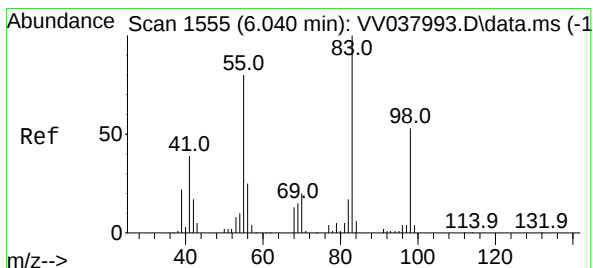
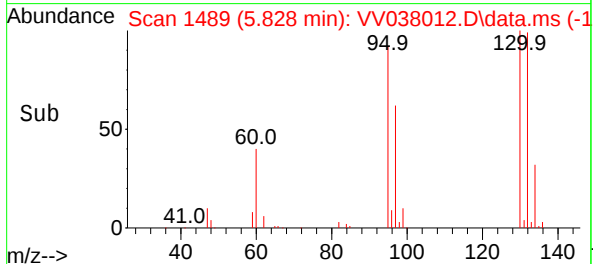
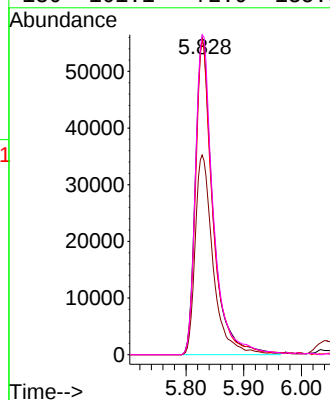
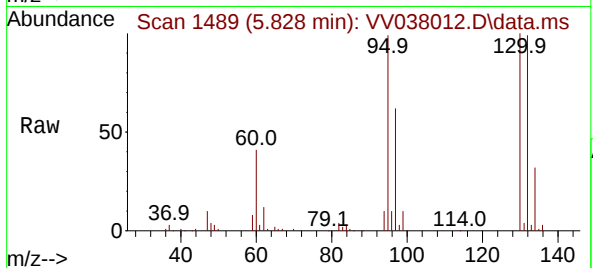
Ion Ratio Lower Upper

95 100

97 63.1 46.9 87.1

132 99.8 70.5 130.9

130 101.1 72.9 135.3



#35

Methylcyclohexane

Concen: 4.810 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

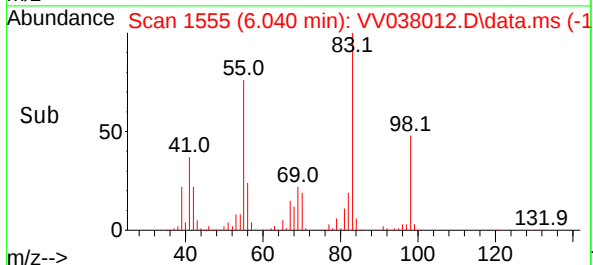
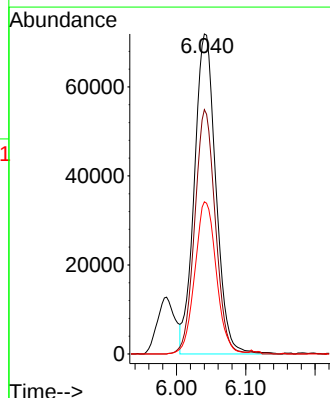
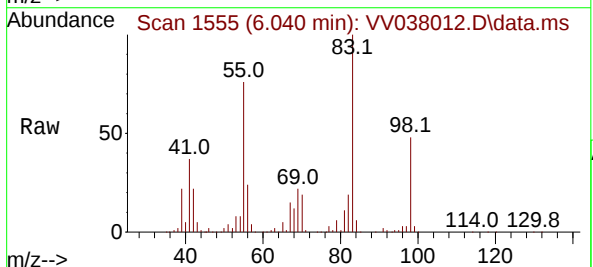
Tgt Ion: 83 Resp: 155577

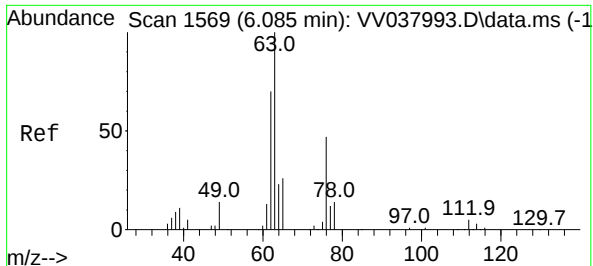
Ion Ratio Lower Upper

83 100

55 73.0 59.3 88.9

98 47.4 38.3 57.5

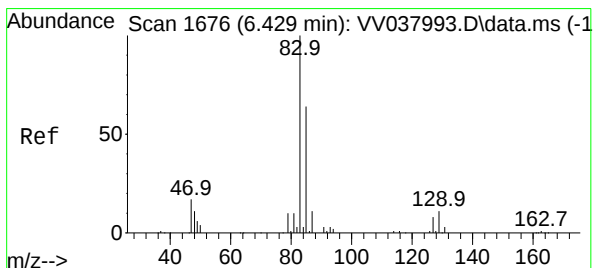
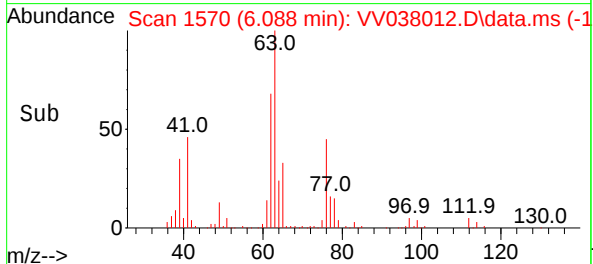
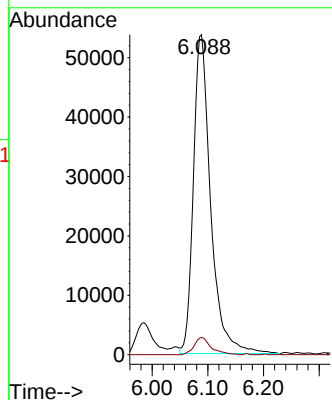
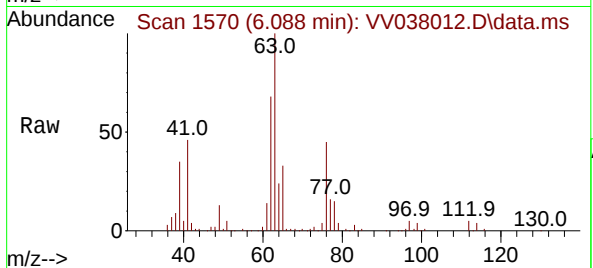




#37
1,2-Dichloropropane
Concen: 5.907 ug/L
RT: 6.088 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

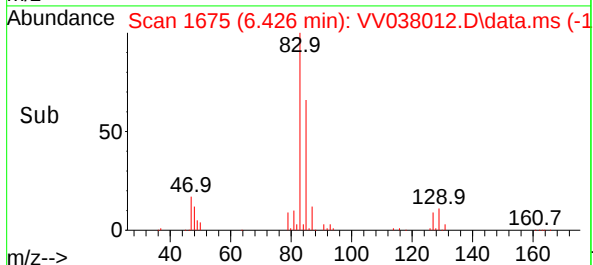
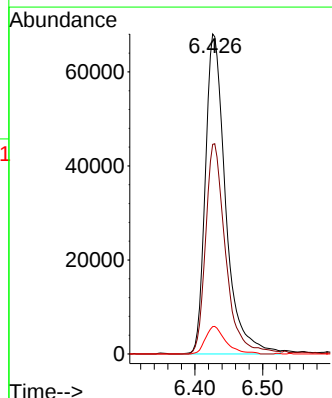
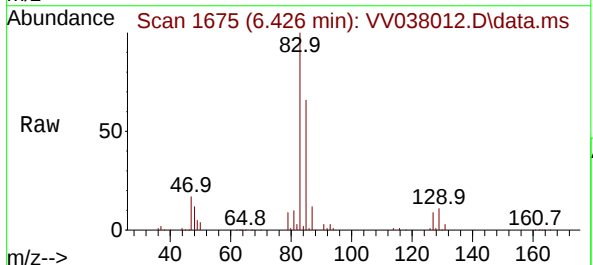
Instrument :
MSVOA_V
ClientSampleId :

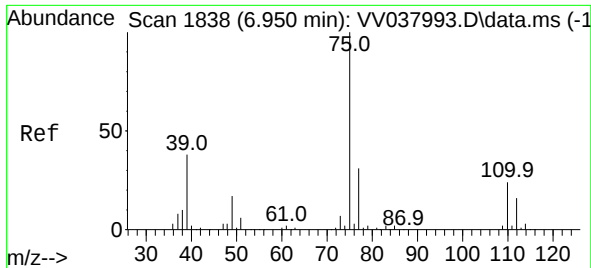
Tgt Ion: 63 Resp: 115704
Ion Ratio Lower Upper
63 100
112 5.3 4.1 6.1



#38
Bromodichloromethane
Concen: 5.443 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

Tgt Ion: 83 Resp: 141438
Ion Ratio Lower Upper
83 100
85 65.5 44.2 82.2
127 8.5 6.8 10.2

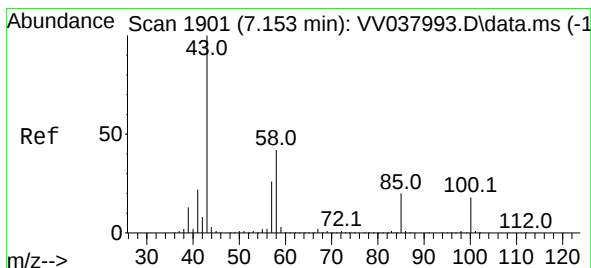
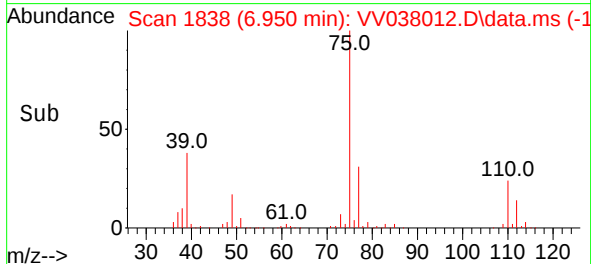
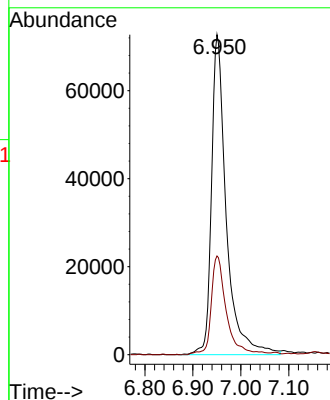
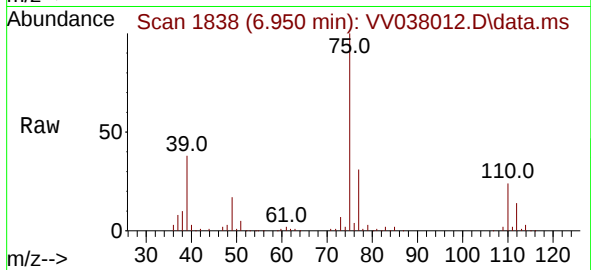




#39
 cis-1,3-Dichloropropene
 Concen: 5.499 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV038012.D
 Acq: 11 Nov 2024 22:06

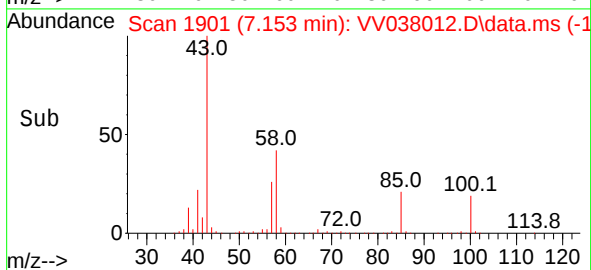
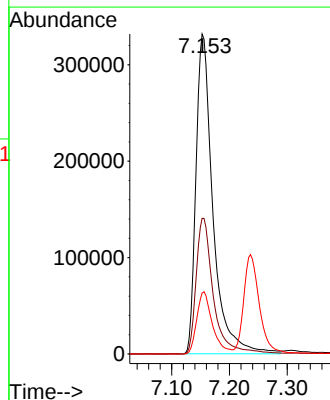
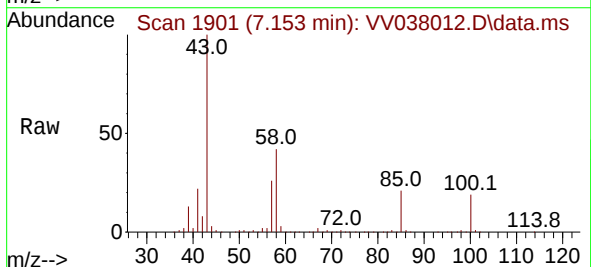
Instrument :
 MSVOA_V
 ClientSampleId :

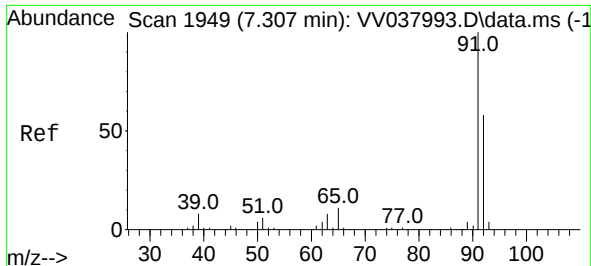
Tgt Ion: 75 Resp: 155607
 Ion Ratio Lower Upper
 75 100
 77 30.9 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 68.801 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV038012.D
 Acq: 11 Nov 2024 22:06

Tgt Ion: 43 Resp: 678157
 Ion Ratio Lower Upper
 43 100
 58 43.2 32.6 49.0
 100 17.9 13.8 20.8





#42

Toluene

Concen: 5.674 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

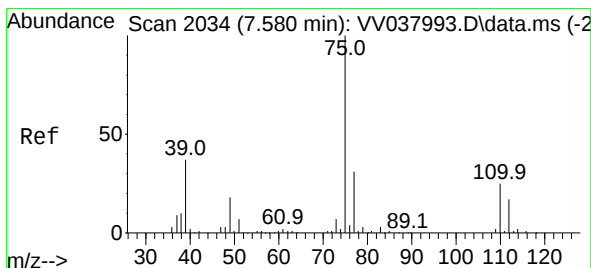
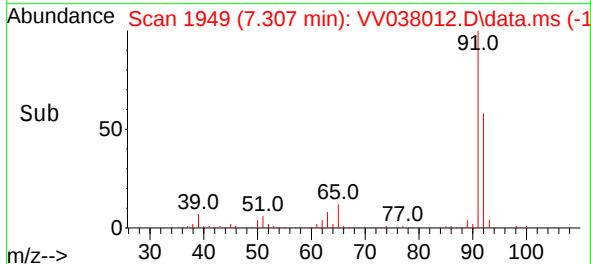
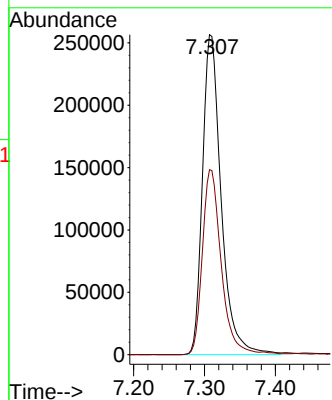
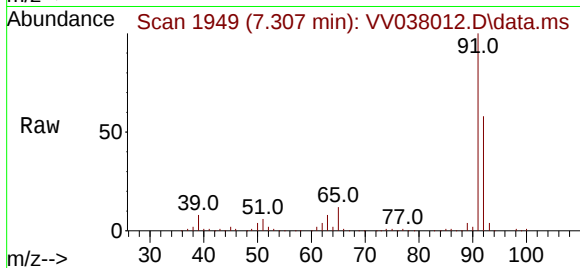
ClientSampleId :

Tgt Ion: 91 Resp: 470491

Ion Ratio Lower Upper

91 100

92 57.8 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.567 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV038012.D

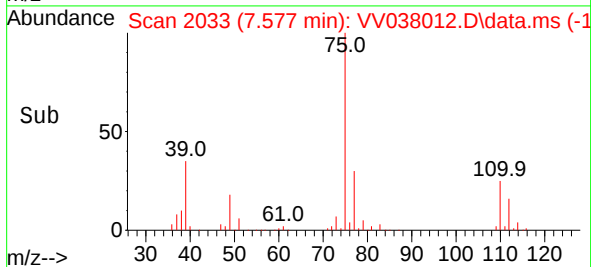
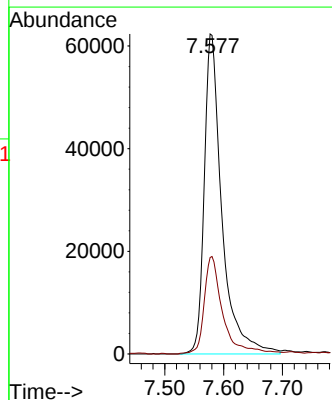
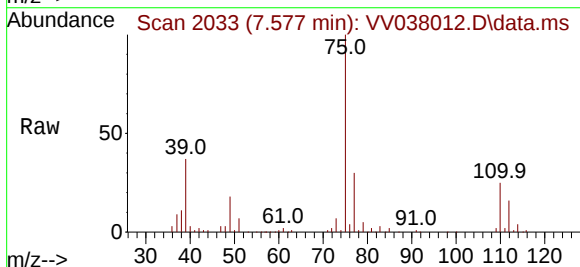
Acq: 11 Nov 2024 22:06

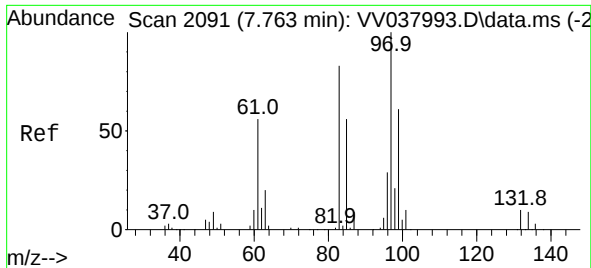
Tgt Ion: 75 Resp: 129907

Ion Ratio Lower Upper

75 100

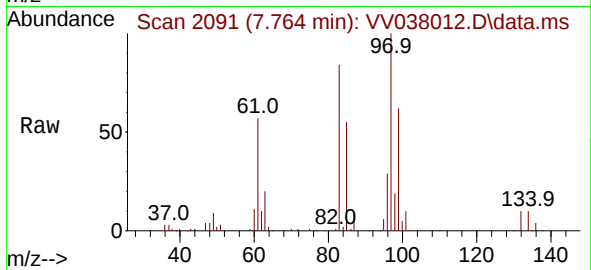
77 30.1 21.8 40.6



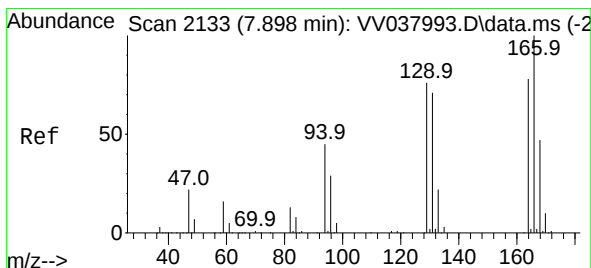
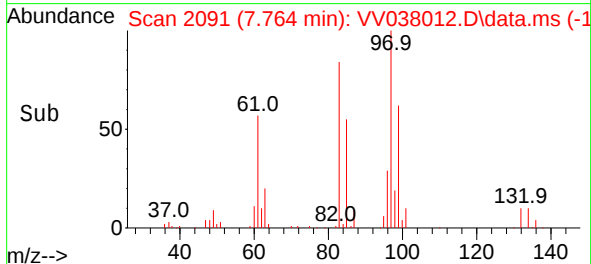
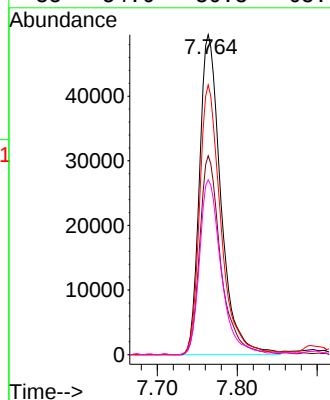


#45
1,1,2-Trichloroethane
Concen: 6.228 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

Instrument :
MSVOA_V
ClientSampleId :

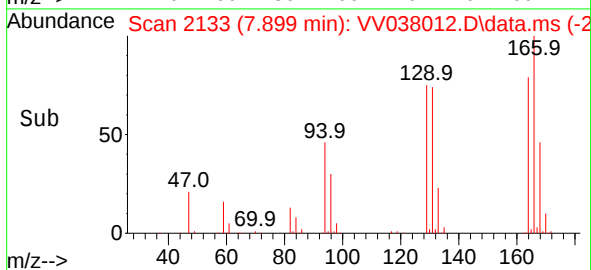
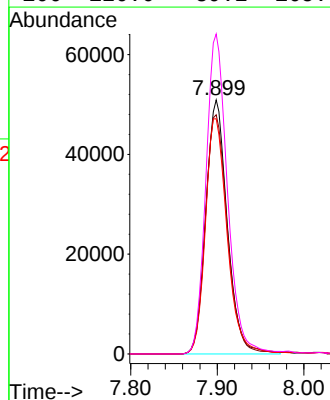
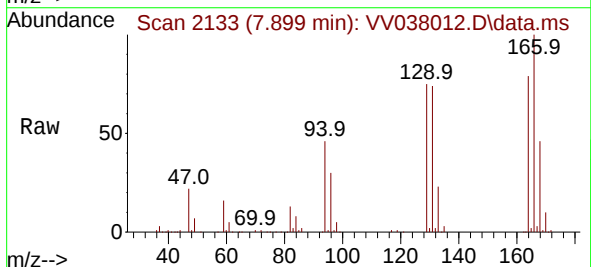


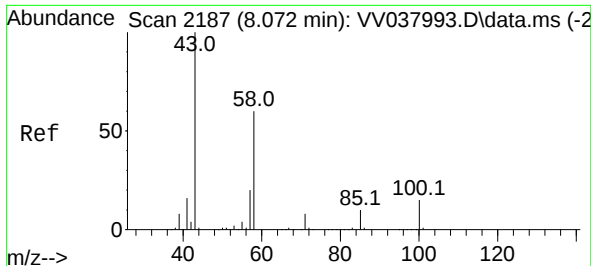
Tgt Ion:	97	Resp:	92333
Ion	Ratio	Lower	Upper
97	100		
99	62.1	42.4	78.8
83	84.3	59.3	110.1
85	54.6	36.8	68.4



#47
Tetrachloroethene
Concen: 5.210 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

Tgt Ion:	164	Resp:	87877
Ion	Ratio	Lower	Upper
164	100		
129	94.2	66.8	124.2
131	92.6	65.2	121.2
166	126.0	89.2	165.8

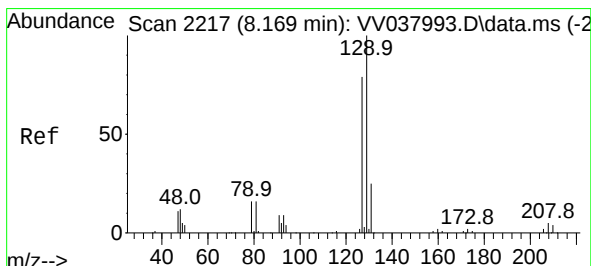
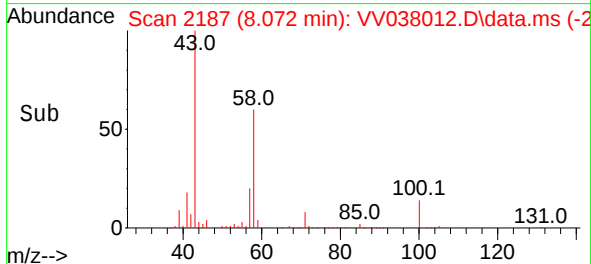
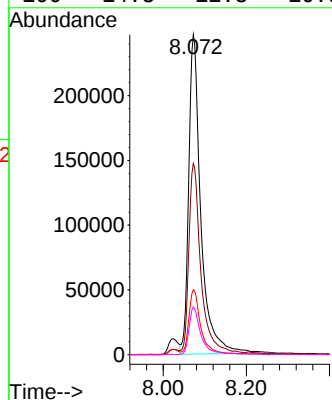
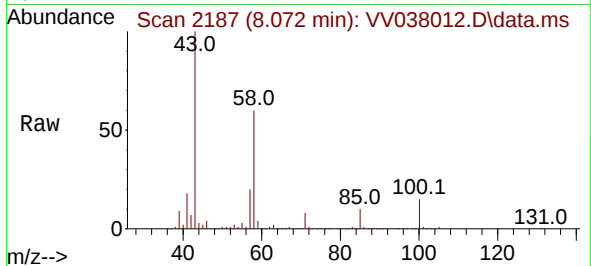




#48
2-Hexanone
Concen: 72.084 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

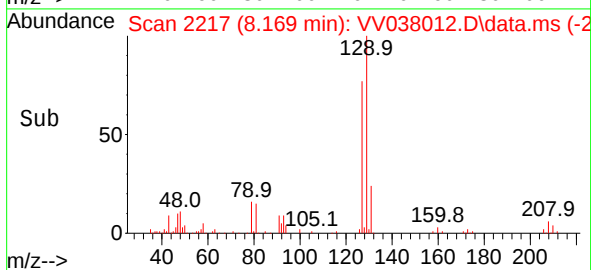
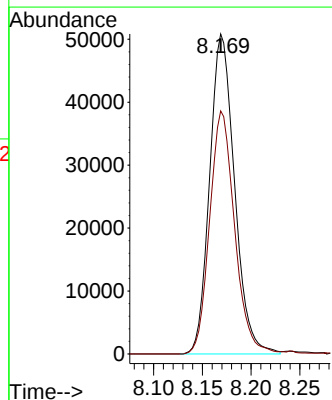
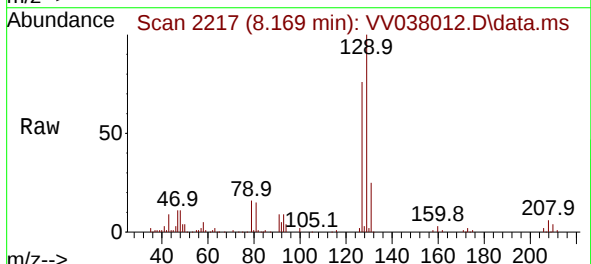
Instrument :
MSVOA_V
ClientSampleId :

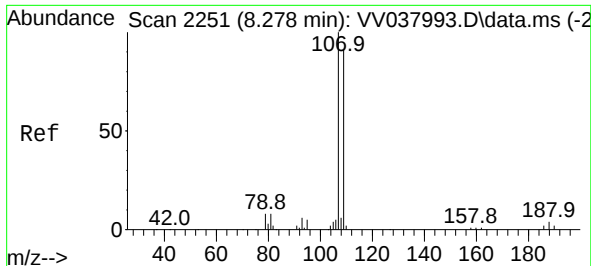
Tgt Ion: 43 Resp: 502592
Ion Ratio Lower Upper
43 100
58 58.2 48.5 72.7
57 19.5 16.3 24.5
100 14.3 11.3 16.9



#49
Dibromochloromethane
Concen: 5.335 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

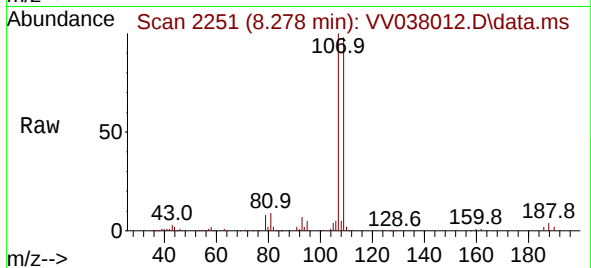
Tgt Ion:129 Resp: 90425
Ion Ratio Lower Upper
129 100
127 76.0 52.2 97.0



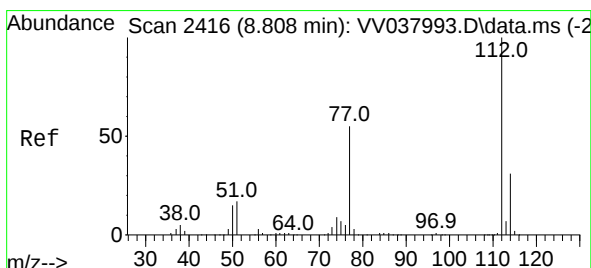
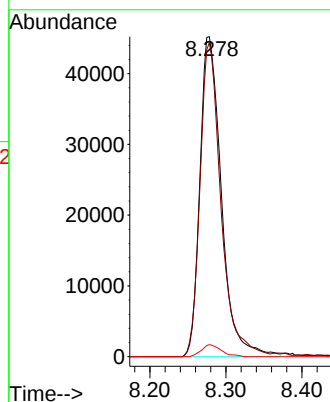
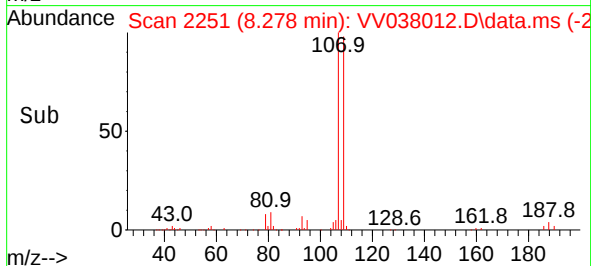


#50
1,2-Dibromoethane
Concen: 6.419 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

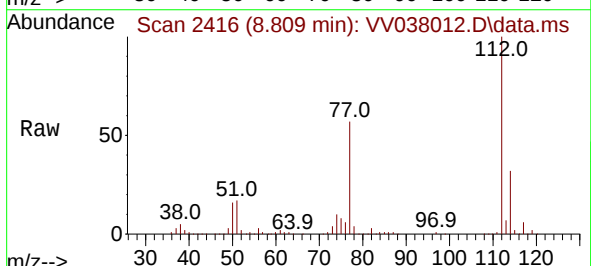
Instrument :
MSVOA_V
ClientSampleId :



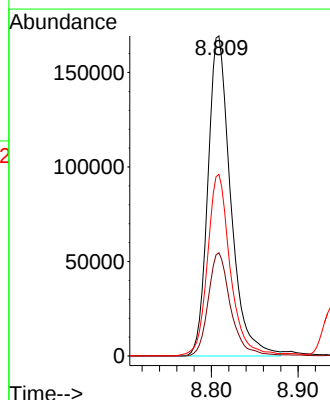
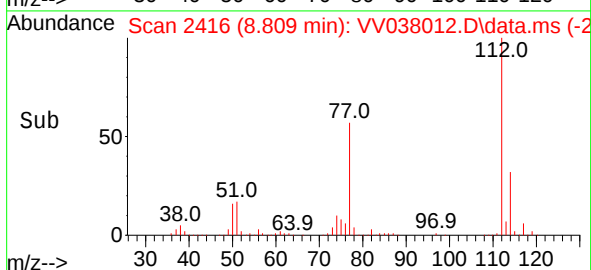
Tgt Ion:107 Resp: 88811
Ion Ratio Lower Upper
107 100
109 98.1 65.8 122.2
188 3.8 3.0 4.6

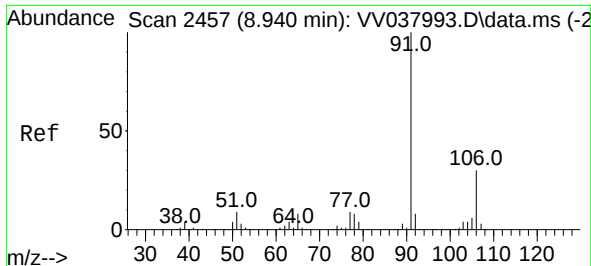


#51
Chlorobenzene
Concen: 5.456 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06



Tgt Ion:112 Resp: 309446
Ion Ratio Lower Upper
112 100
114 32.2 23.0 42.6
77 56.8 45.9 68.9





#52

Ethylbenzene

Concen: 5.447 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

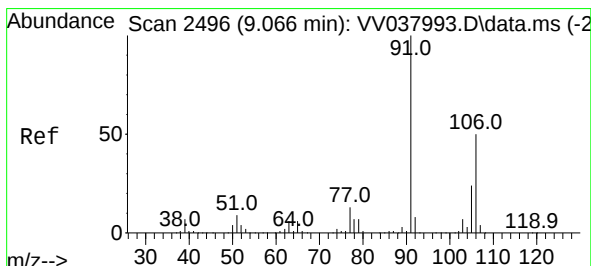
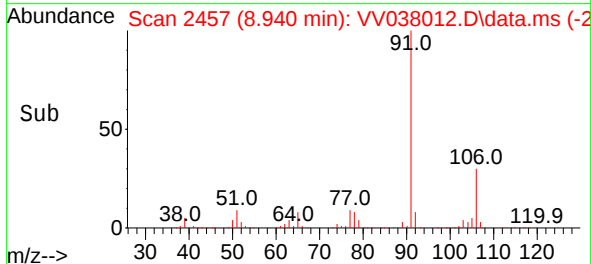
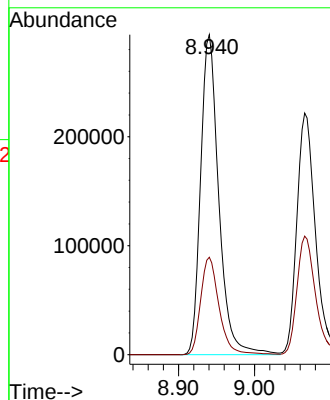
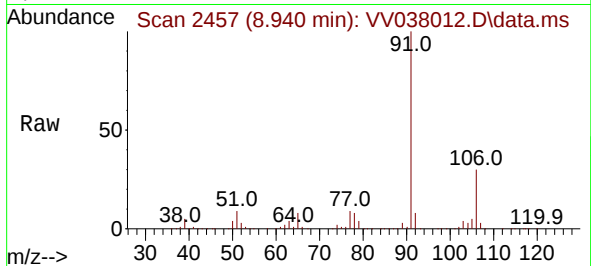
ClientSampleId :

Tgt Ion: 91 Resp: 486499

Ion Ratio Lower Upper

91 100

106 30.5 21.8 40.4



#53

m,p-Xylene

Concen: 5.435 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV038012.D

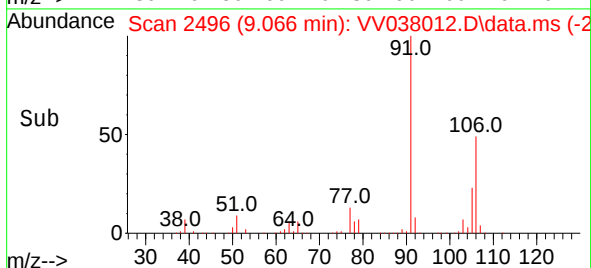
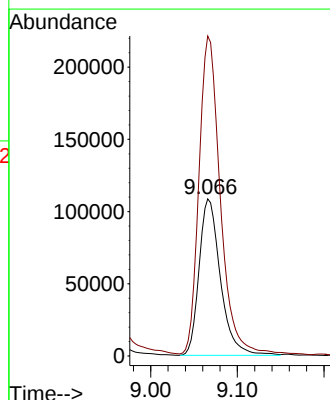
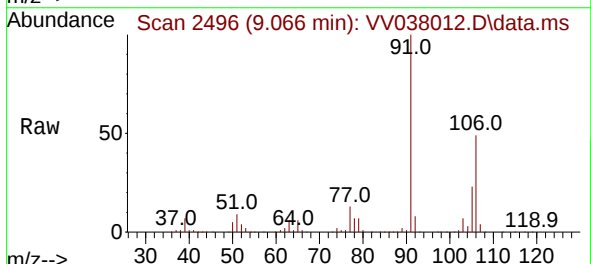
Acq: 11 Nov 2024 22:06

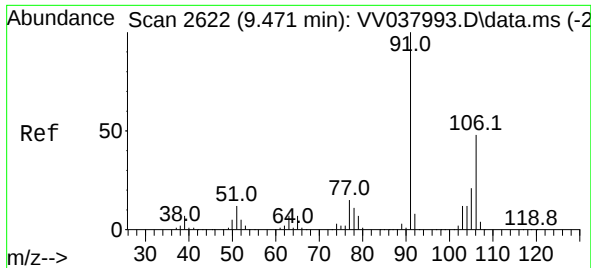
Tgt Ion: 106 Resp: 185172

Ion Ratio Lower Upper

106 100

91 203.7 139.0 258.2

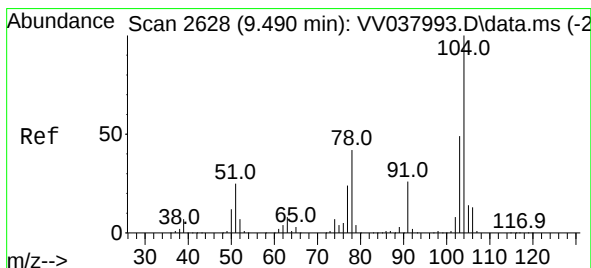
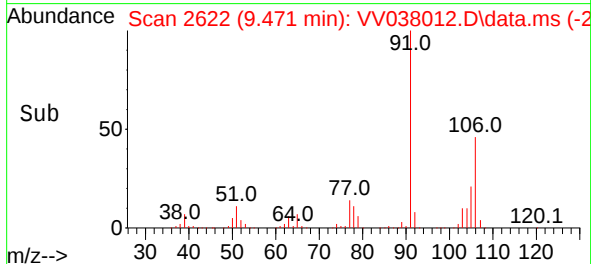
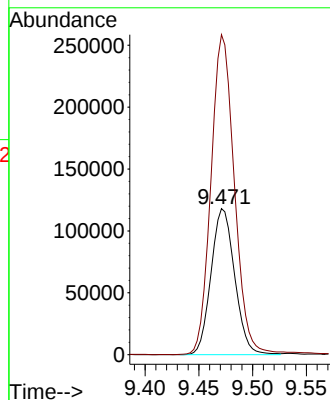
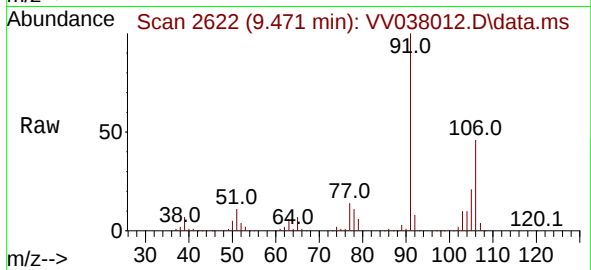




#54
o-Xylene
Concen: 5.571 ug/L
RT: 9.471 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

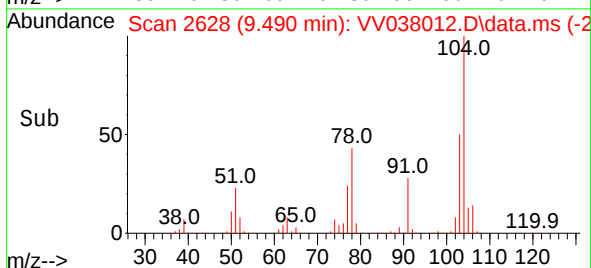
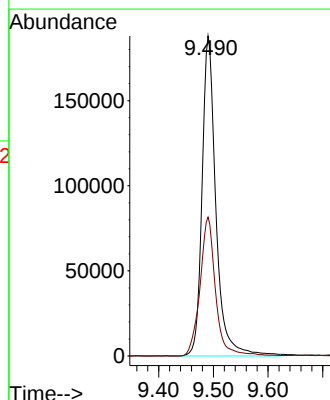
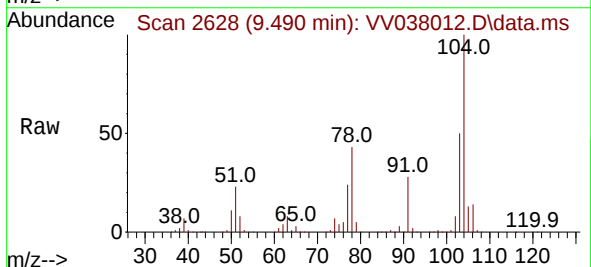
Instrument :
MSVOA_V
ClientSampleId :

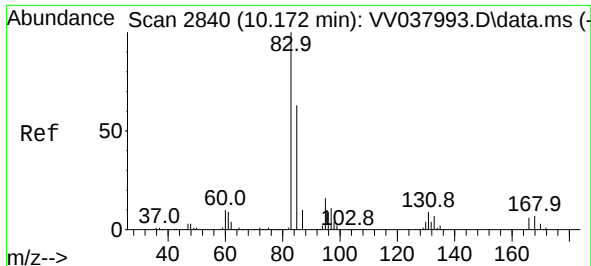
Tgt Ion:106 Resp: 180633
Ion Ratio Lower Upper
106 100
91 219.1 152.0 282.2



#55
Styrene
Concen: 5.927 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

Tgt Ion:104 Resp: 331020
Ion Ratio Lower Upper
104 100
78 43.4 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 6.474 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

ClientSampleId :

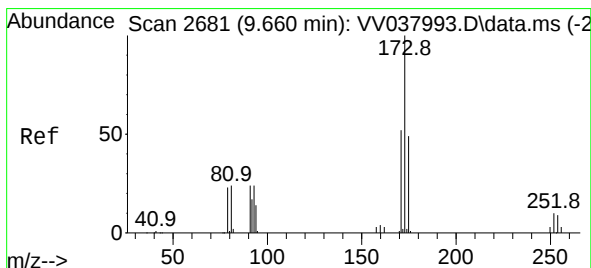
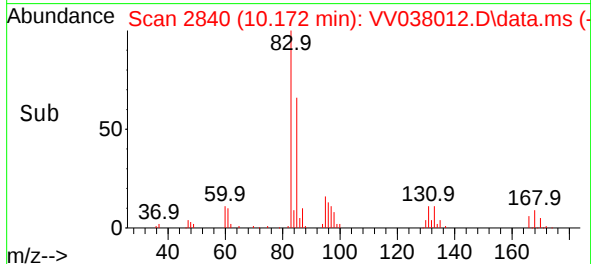
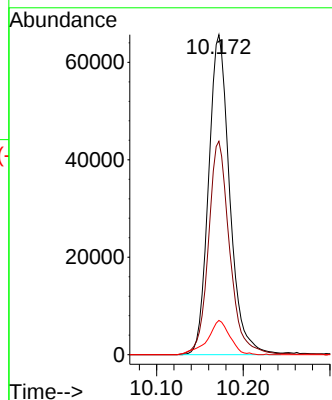
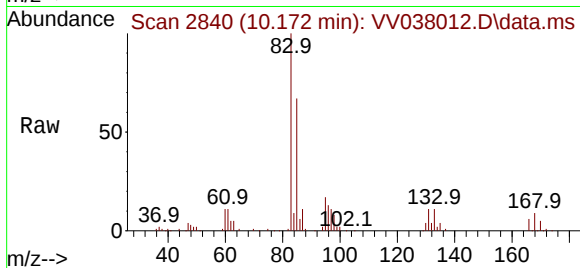
Tgt Ion: 83 Resp: 111430

Ion Ratio Lower Upper

83 100

85 66.7 44.2 82.2

131 10.7 7.9 11.9



#59

Bromoform

Concen: 5.193 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

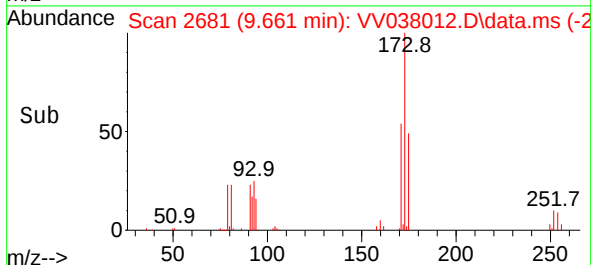
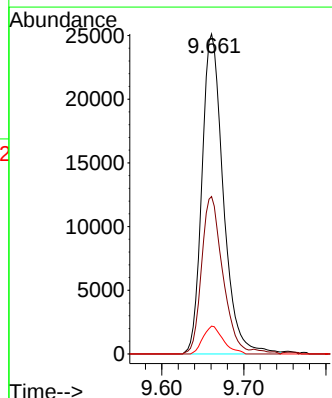
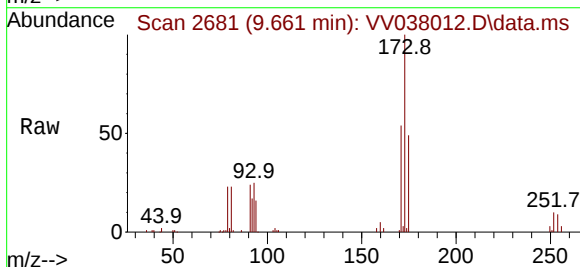
Tgt Ion: 173 Resp: 45445

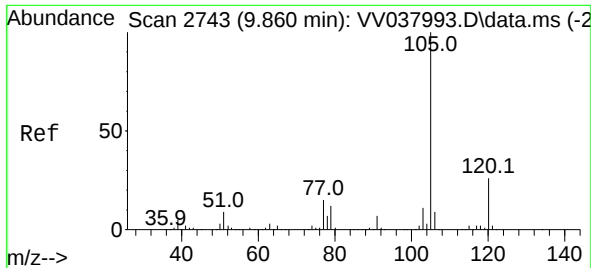
Ion Ratio Lower Upper

173 100

175 48.6 38.0 57.0

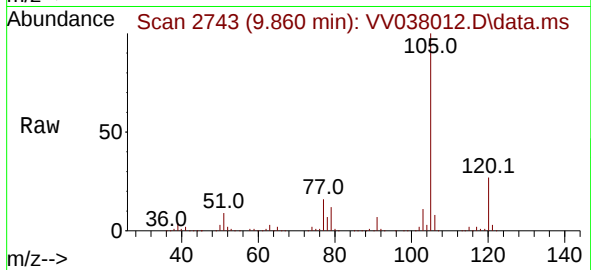
254 8.2 6.9 10.3



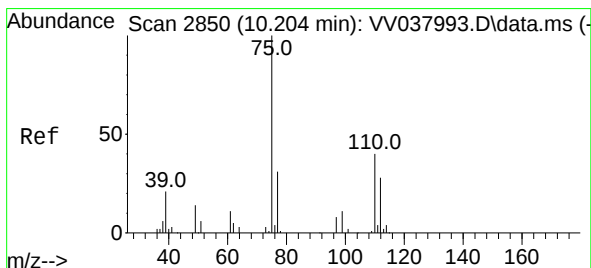
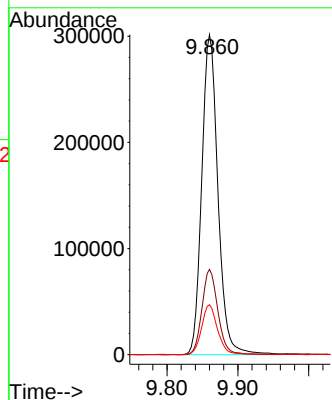
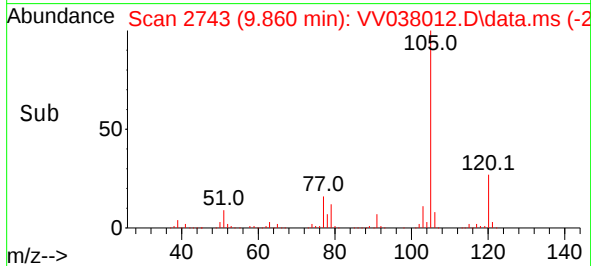


#60
Isopropylbenzene
Concen: 5.463 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06

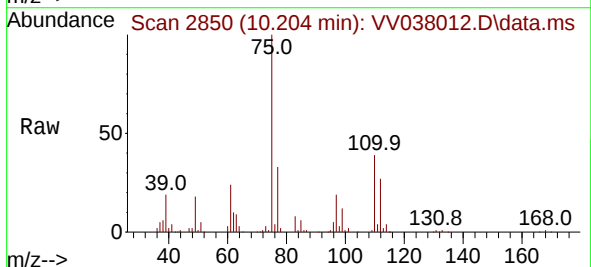
Instrument :
MSVOA_V
ClientSampleId :



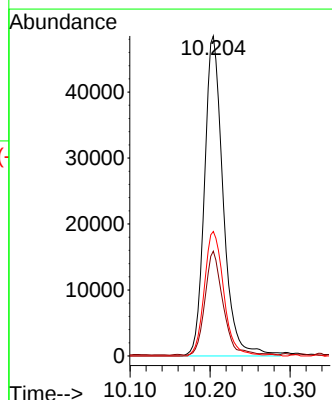
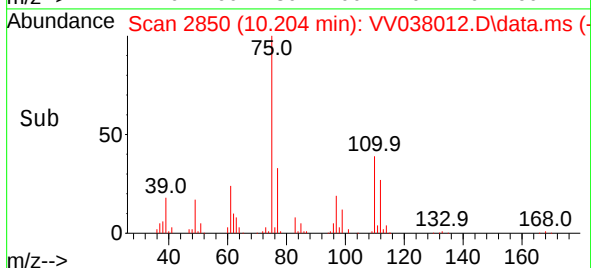
Tgt Ion:105 Resp: 478075
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 15.2 12.2 18.2

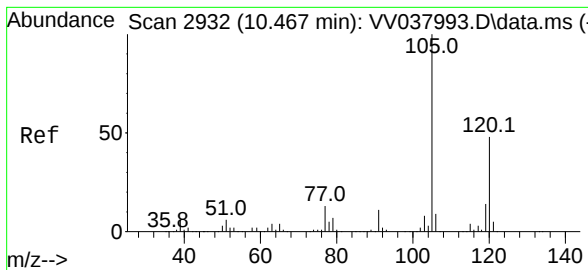


#61
1,2,3-Trichloropropane
Concen: 6.728 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV038012.D
Acq: 11 Nov 2024 22:06



Tgt Ion: 75 Resp: 79011
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3
110 40.3 33.5 50.3

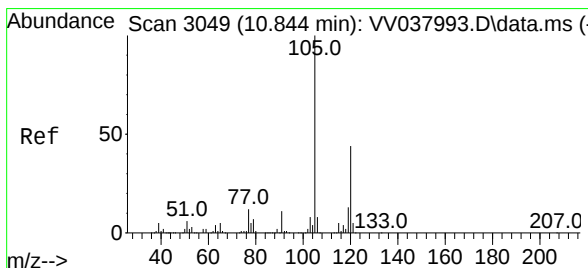
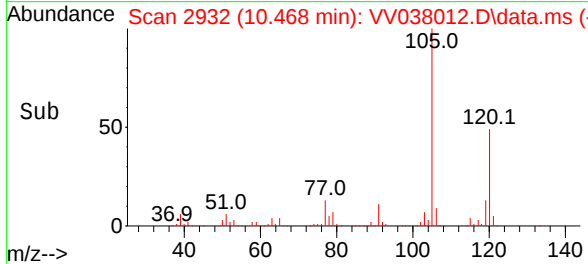
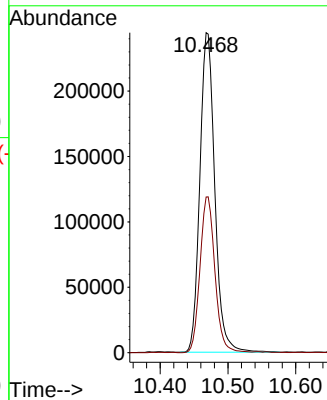
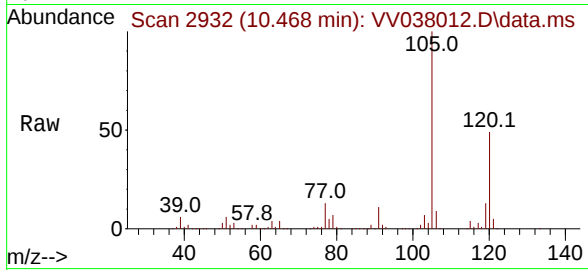




#62
 1,3,5-Trimethylbenzene
 Concen: 5.419 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: VV038012.D
 Acq: 11 Nov 2024 22:06

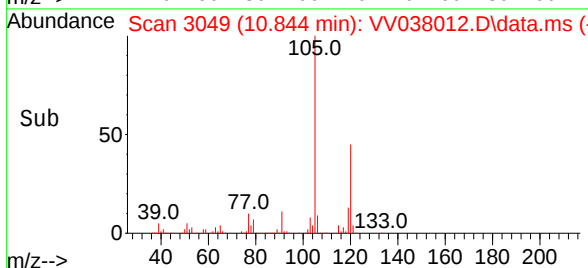
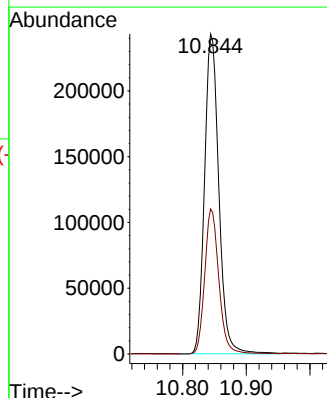
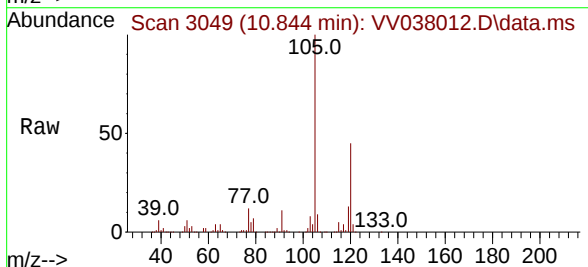
Instrument :
 MSVOA_V
 ClientSampleId :

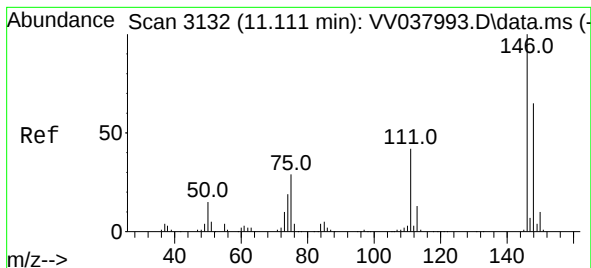
Tgt Ion:105 Resp: 372844
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.0 58.6



#63
 1,2,4-Trimethylbenzene
 Concen: 5.580 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: VV038012.D
 Acq: 11 Nov 2024 22:06

Tgt Ion:105 Resp: 378807
 Ion Ratio Lower Upper
 105 100
 120 45.0 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 5.637 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

ClientSampleId :

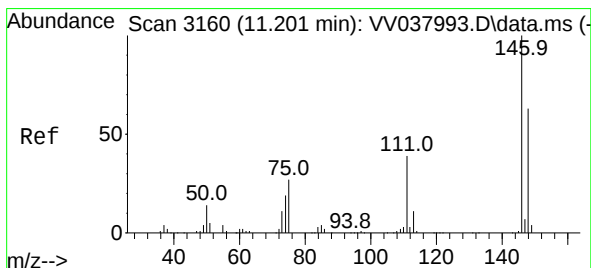
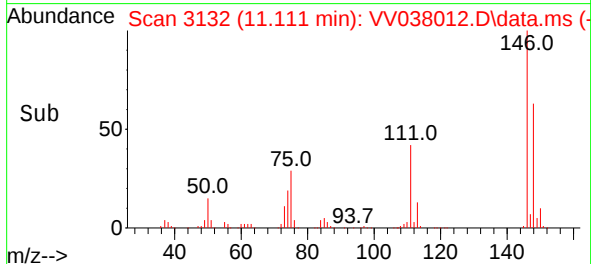
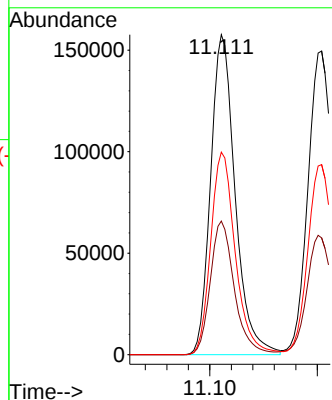
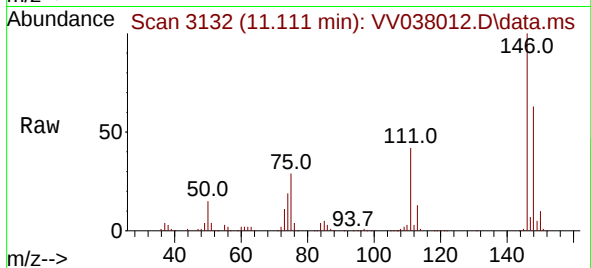
Tgt Ion:146 Resp: 249755

Ion Ratio Lower Upper

146 100

111 41.8 28.7 53.3

148 63.3 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 5.611 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

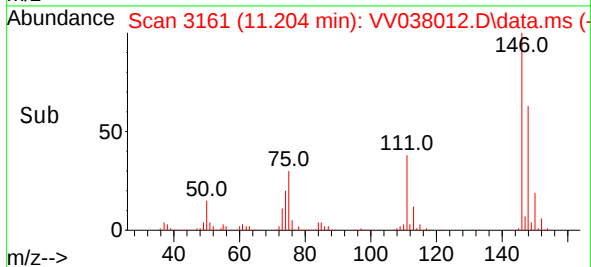
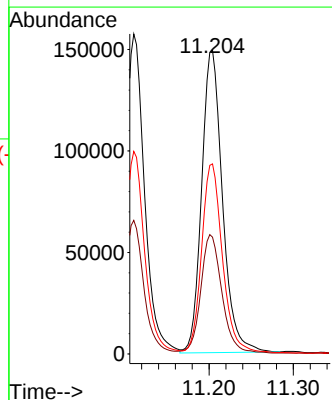
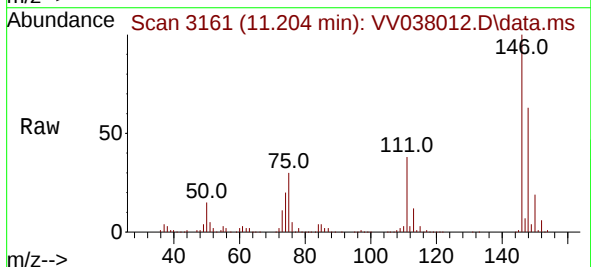
Tgt Ion:146 Resp: 256744

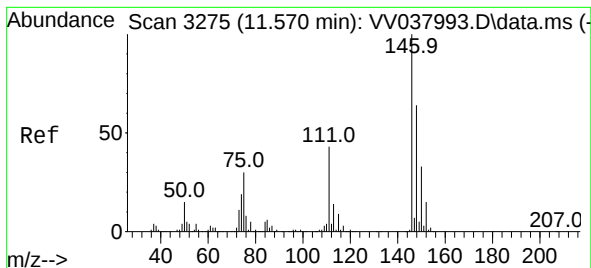
Ion Ratio Lower Upper

146 100

111 38.5 27.6 51.2

148 62.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.821 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

ClientSampleId :

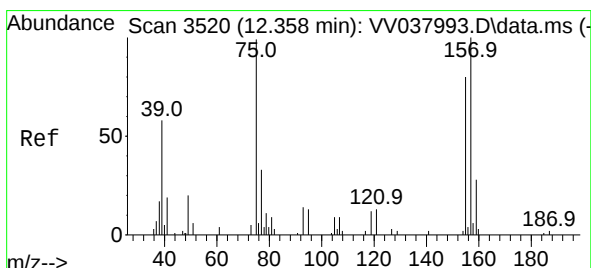
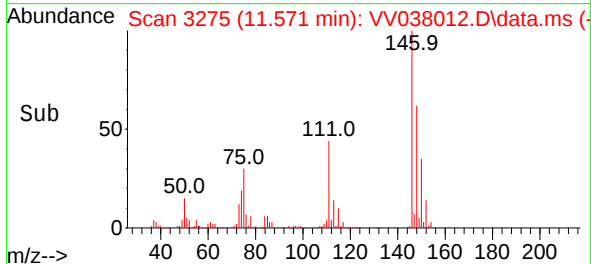
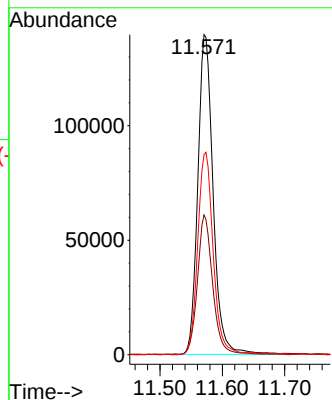
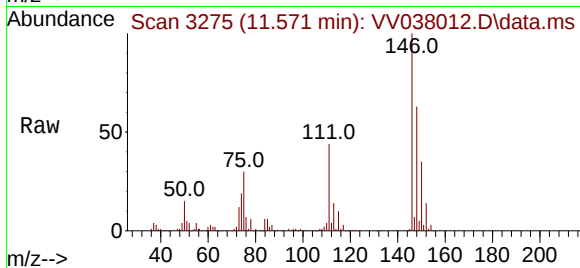
Tgt Ion:146 Resp: 238484

Ion Ratio Lower Upper

146 100

111 43.6 33.9 50.9

148 62.6 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 6.517 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

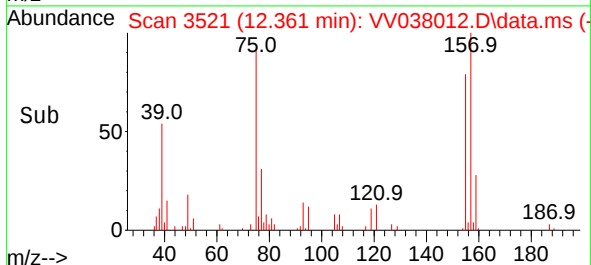
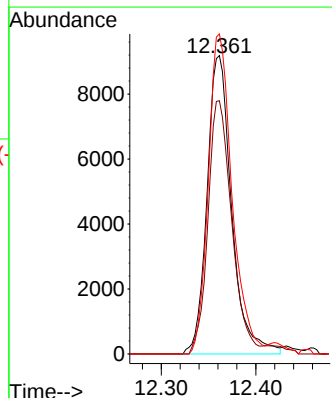
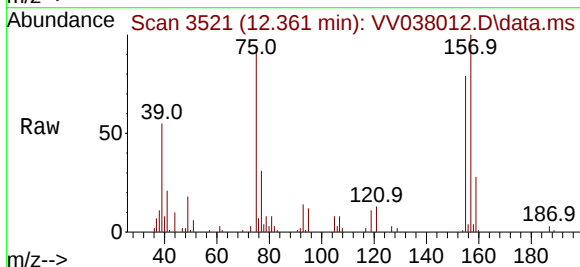
Tgt Ion: 75 Resp: 16613

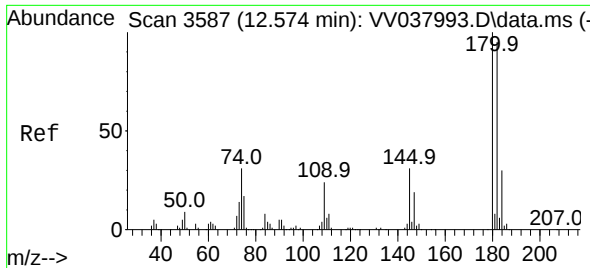
Ion Ratio Lower Upper

75 100

155 84.9 70.2 105.2

157 107.2 80.2 120.4





#69

1,3,5-Trichlorobenzene

Concen: 5.519 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 172591

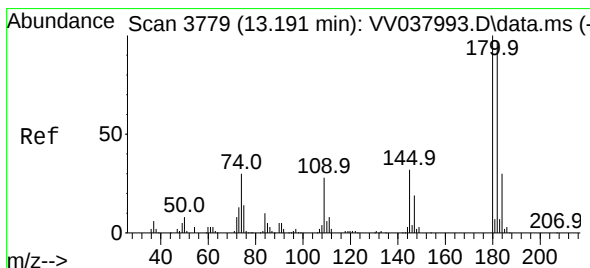
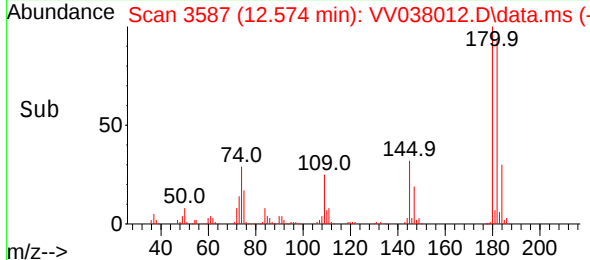
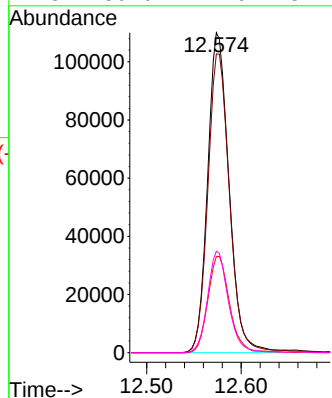
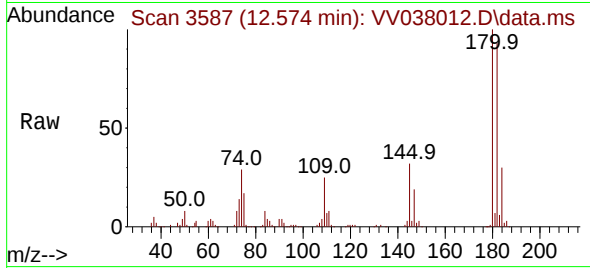
Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.4

184 30.6 24.1 36.1

145 30.9 24.6 37.0



#70

1,2,4-trichlorobenzene

Concen: 6.181 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

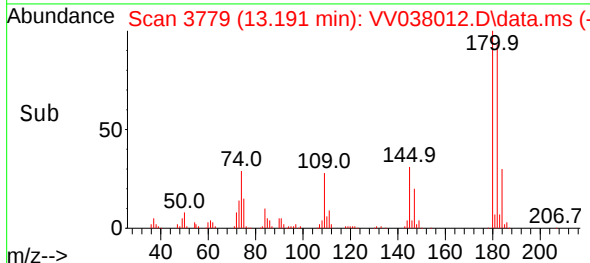
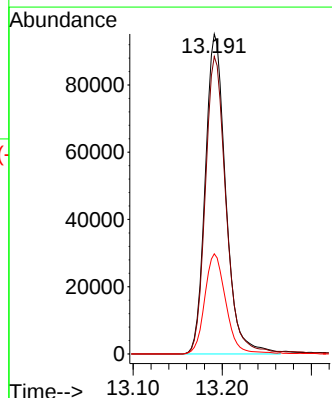
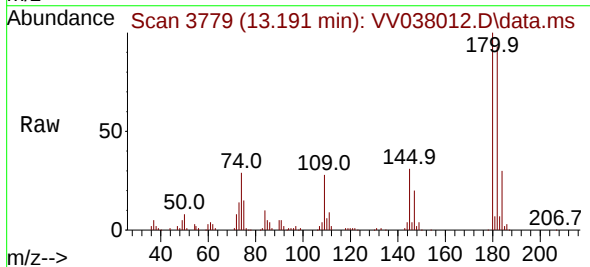
Tgt Ion:180 Resp: 151767

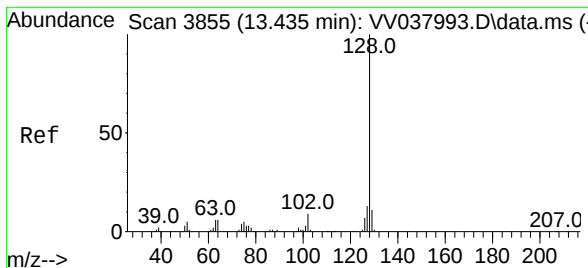
Ion Ratio Lower Upper

180 100

182 93.8 74.8 112.2

145 32.2 25.4 38.0





#71

Naphthalene

Concen: 7.610 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Instrument :

MSVOA_V

ClientSampleId :

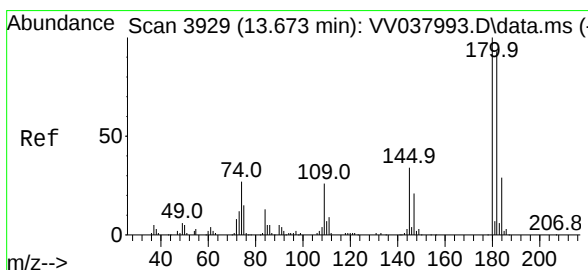
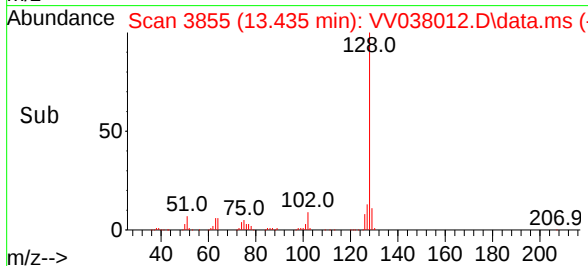
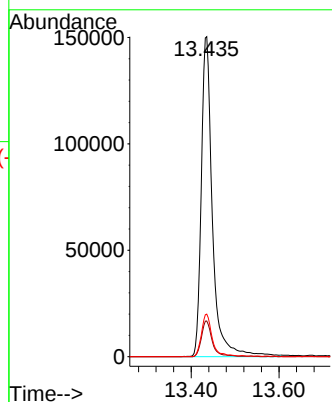
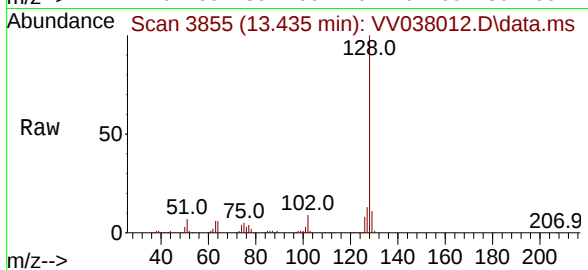
Tgt Ion:128 Resp: 265172

Ion Ratio Lower Upper

128 100

129 10.7 8.3 12.5

127 12.8 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 6.786 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV038012.D

Acq: 11 Nov 2024 22:06

Tgt Ion:180 Resp: 143659

Ion Ratio Lower Upper

180 100

182 96.7 79.4 119.0

145 33.1 26.6 40.0

