

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038228.D
 Acq On : 21 Nov 2024 09:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:36:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	274176	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	276668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	150310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	87022	4.141	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.529	69	73962	4.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.053	65	38020	4.204	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	3.796	46	206963	49.230	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.460%
24) Chloroform-d	4.240	84	187432	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.934	65	85015	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.950	84	338084	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	5.982	67	101928	4.632	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.236	98	316439	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.551	79	41972	5.131	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.021	63	162446	51.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.160%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	92214	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	120925	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	121662	4.690	ug/L	99
3) Chloromethane	1.214	50	107114	4.795	ug/L	98
5) Vinyl chloride	1.278	62	115243	4.553	ug/L	96
6) Bromomethane	1.484	94	60759	6.156	ug/L	95
8) Chloroethane	1.545	64	71667	4.443	ug/L	100
9) Trichlorofluoromethane	1.709	101	169112	4.695	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	99226	4.827	ug/L	99
12) 1,1-Dichloroethene	2.063	96	90418	4.617	ug/L	92
13) Acetone	2.127	43	149755	48.164	ug/L	100
14) Carbon disulfide	2.233	76	277012	4.391	ug/L	100
15) Methyl Acetate	2.381	43	34795	4.608	ug/L	95
16) Methylene chloride	2.439	84	100766	4.512	ug/L	95
17) Methyl tert-butyl Ether	2.696	73	199686	4.510	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	94353	4.573	ug/L	100
19) 1,1-Dichloroethane	3.101	63	170174	4.544	ug/L	99
21) 2-Butanone	3.876	43	194961	43.689	ug/L	97
22) cis-1,2-Dichloroethene	3.806	96	98330	4.610	ug/L	98
23) Bromochloromethane	4.140	128	48397	4.647	ug/L	94
25) Chloroform	4.265	83	183179	4.572	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038228.D
 Acq On : 21 Nov 2024 09:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

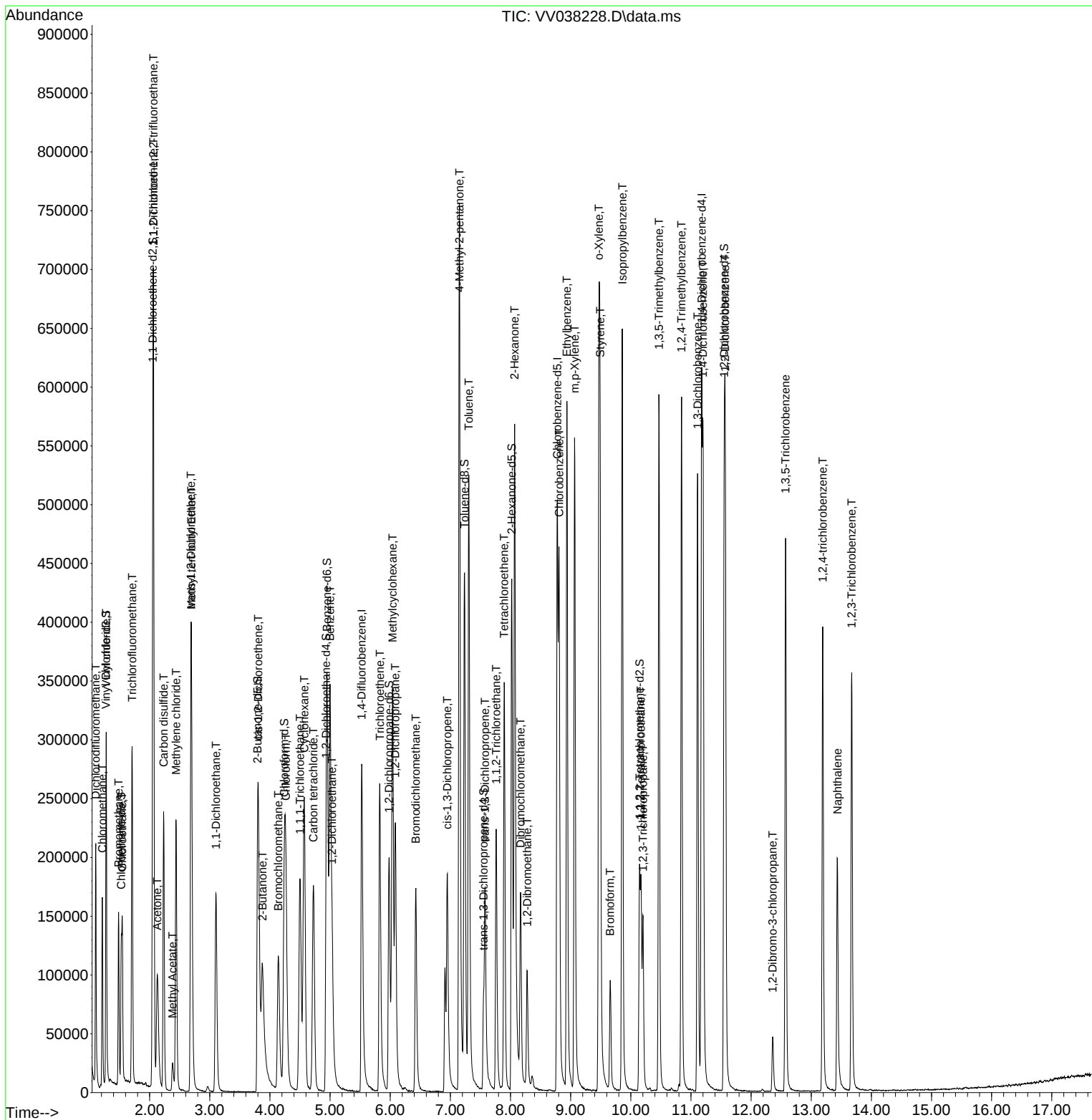
Instrument :
 MSVOA_V
 ClientSampleId :

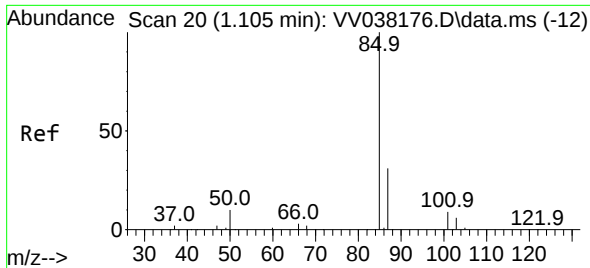
Quant Time: Nov 22 01:36:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	103610	4.753	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	160881	4.848	ug/L	99
30) Cyclohexane	4.571	56	130975	4.759	ug/L	99
31) Carbon tetrachloride	4.722	117	143240	4.893	ug/L	99
33) Benzene	5.002	78	374740	4.822	ug/L	100
34) Trichloroethene	5.828	95	102030	4.816	ug/L	99
35) Methylcyclohexane	6.040	83	143077	4.774	ug/L	99
37) 1,2-Dichloropropane	6.085	63	92559	4.755	ug/L #	93
38) Bromodichloromethane	6.426	83	128124	4.897	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	134403	4.946	ug/L	100
40) 4-Methyl-2-pentanone	7.149	43	498543	48.933	ug/L	97
42) Toluene	7.307	91	407089	4.946	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	114669	4.995	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	76582	4.851	ug/L	95
47) Tetrachloroethene	7.895	164	81009	4.759	ug/L	96
48) 2-Hexanone	8.069	43	371073	50.225	ug/L	98
49) Dibromochloromethane	8.169	129	84858	4.930	ug/L	97
50) 1,2-Dibromoethane	8.278	107	71782	4.905	ug/L	98
51) Chlorobenzene	8.809	112	270100	4.763	ug/L	98
52) Ethylbenzene	8.937	91	419364	4.803	ug/L	98
53) m,p-Xylene	9.066	106	163781	4.971	ug/L	96
54) o-Xylene	9.471	106	156497	4.879	ug/L	93
55) Styrene	9.490	104	286239	5.062	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	85092	4.610	ug/L	97
59) Bromoform	9.657	173	45738	5.229	ug/L	98
60) Isopropylbenzene	9.860	105	428833	4.953	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	61487	4.778	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	324060	4.717	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	332742	4.857	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	219942	4.732	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	229243	4.878	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	205073	4.766	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	12561	4.348	ug/L	90
69) 1,3,5-Trichlorobenzene	12.574	180	152519	4.632	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	126052	4.631	ug/L	96
71) Naphthalene	13.435	128	183759	4.340	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	115436	4.590	ug/L	98

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

Quant Time: Nov 22 01:36:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 01:41:56 2024
Response via : Initial Calibration

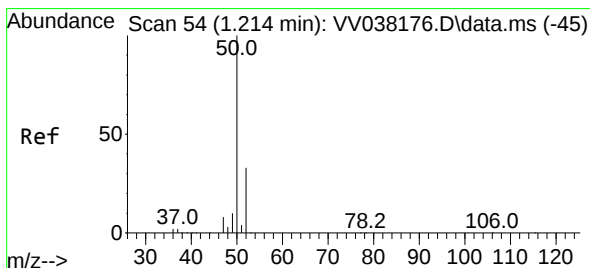
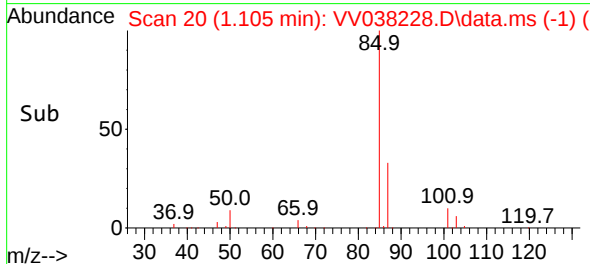
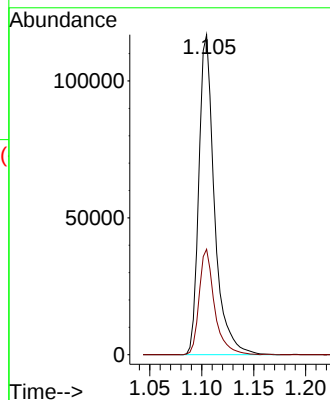
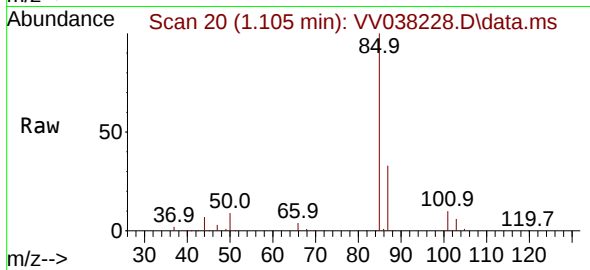




#2
 Dichlorodifluoromethane
 Concen: 4.690 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038228.D
 Acq: 21 Nov 2024 09:27

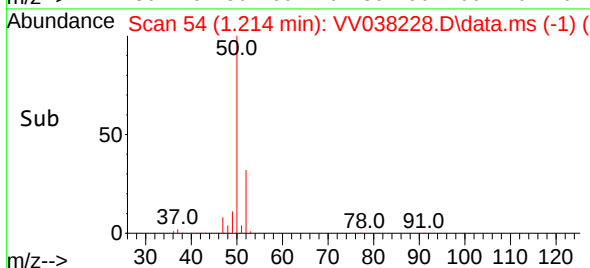
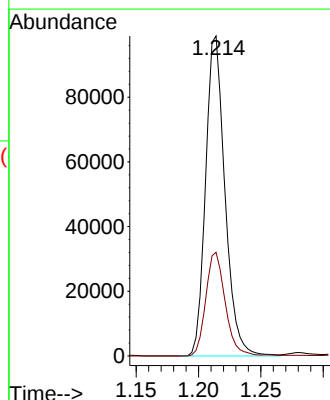
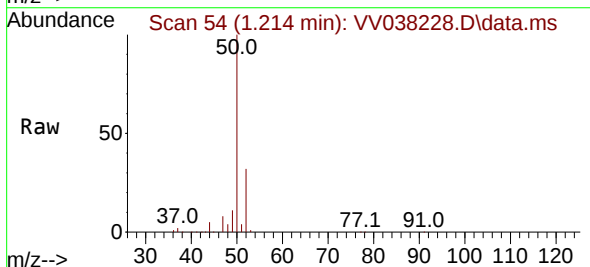
Instrument :
 MSVOA_V
 ClientSampleId :

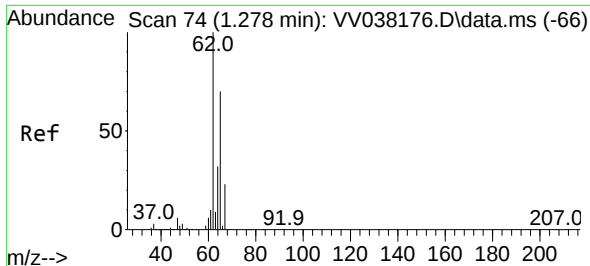
Tgt Ion: 85 Resp: 121662
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.5 39.7



#3
 Chloromethane
 Concen: 4.795 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.003 min
 Lab File: VV038228.D
 Acq: 21 Nov 2024 09:27

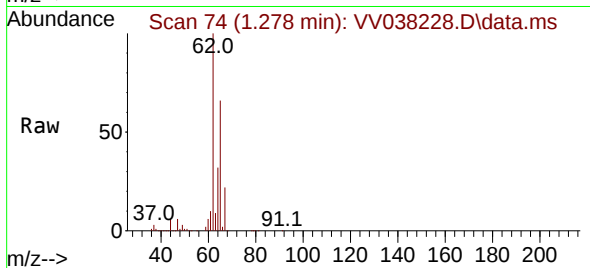
Tgt Ion: 50 Resp: 107114
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.5 43.7



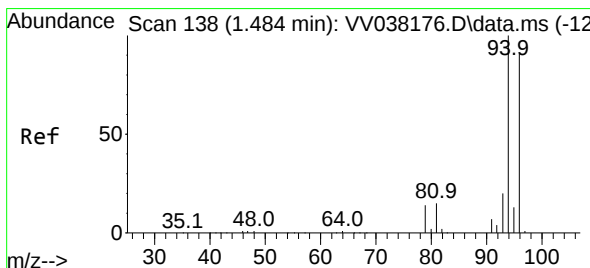
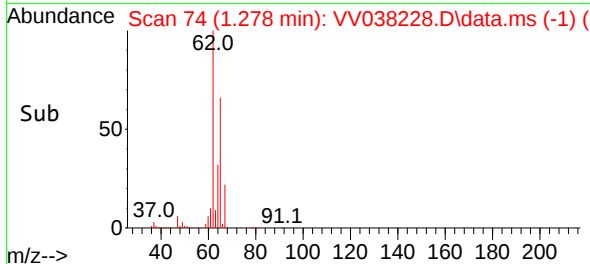
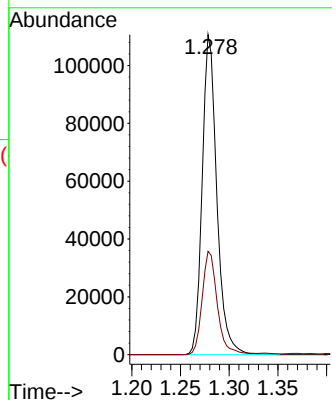


#5
 Vinyl chloride
 Concen: 4.553 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038228.D
 Acq: 21 Nov 2024 09:27

Instrument :
 MSVOA_V
 ClientSampleId :

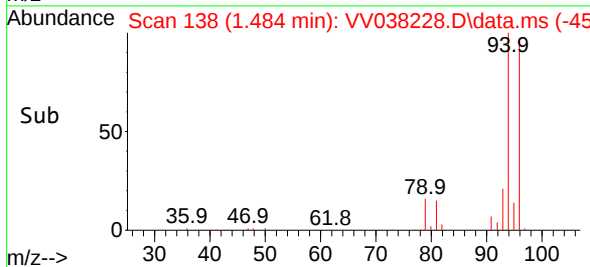
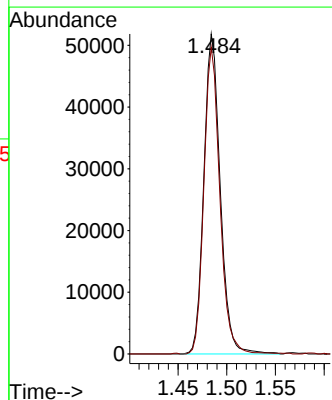
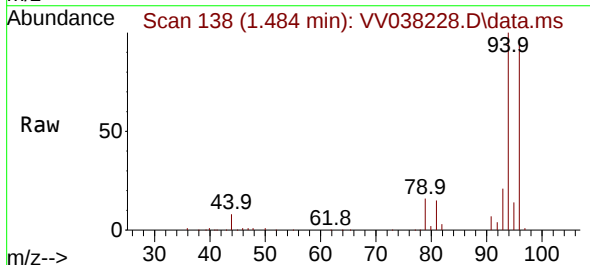


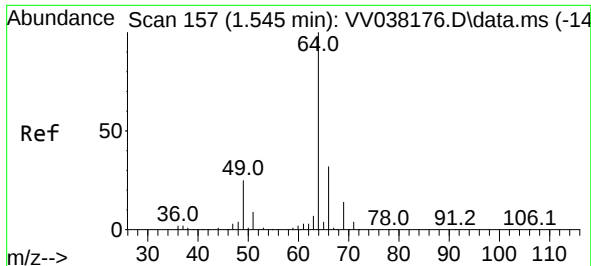
Tgt Ion: 62 Resp: 115243
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.4 45.4



#6
 Bromomethane
 Concen: 6.156 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038228.D
 Acq: 21 Nov 2024 09:27

Tgt Ion: 94 Resp: 60759
 Ion Ratio Lower Upper
 94 100
 96 95.8 63.7 118.3

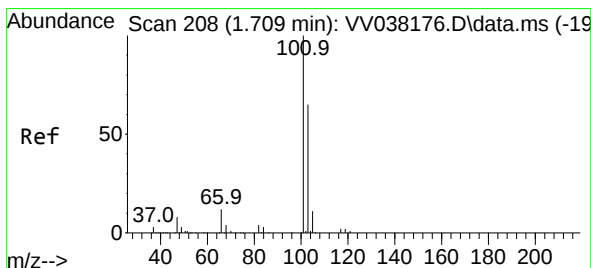
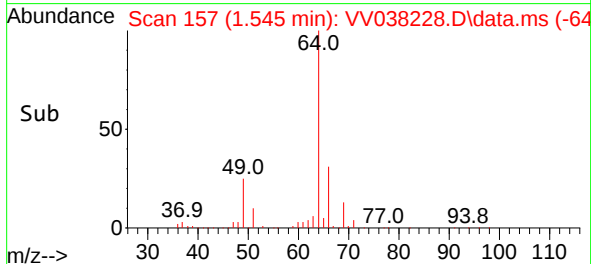
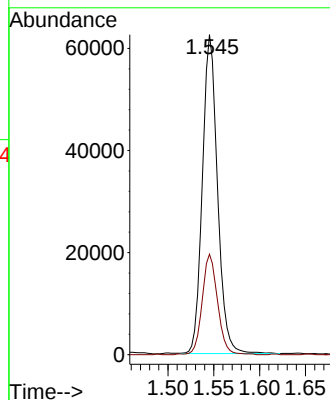
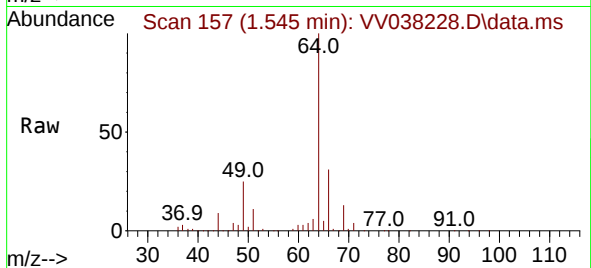




#8
Chloroethane
Concen: 4.443 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

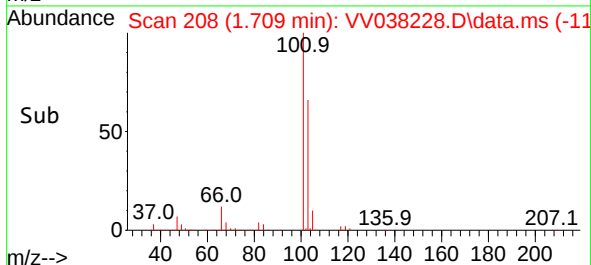
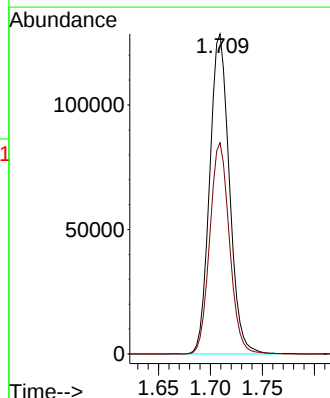
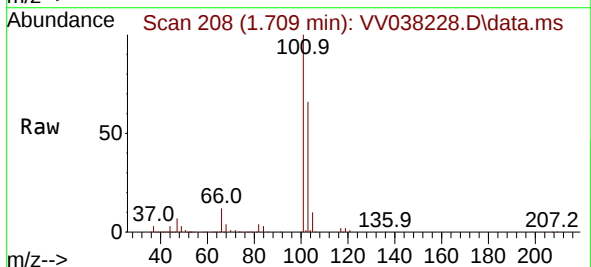
Instrument :
MSVOA_V
ClientSampleId :

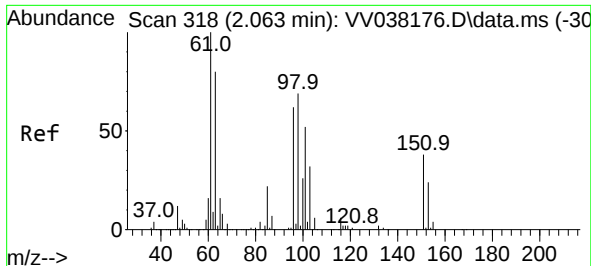
Tgt Ion: 64 Resp: 71667
Ion Ratio Lower Upper
64 100
66 31.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.695 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

Tgt Ion:101 Resp: 169112
Ion Ratio Lower Upper
101 100
103 65.9 51.5 77.3

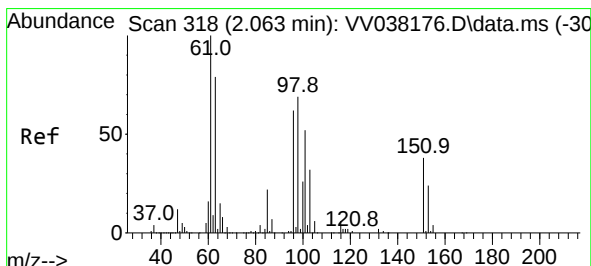
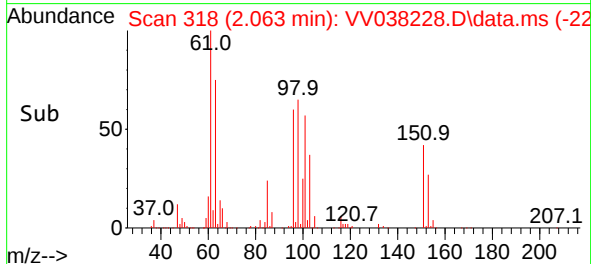
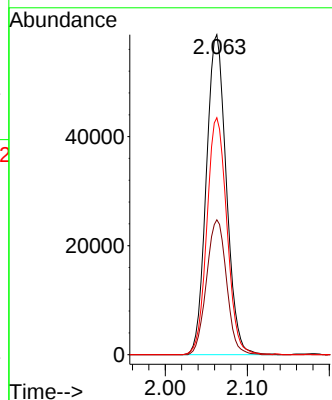
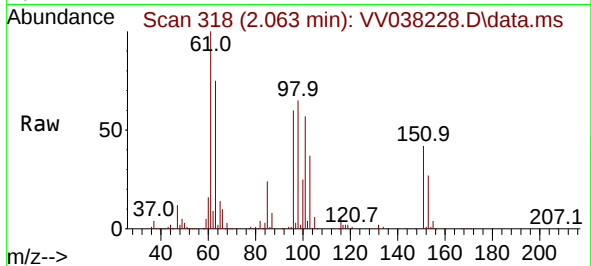




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.827 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038228.D
 Acq: 21 Nov 2024 09:27

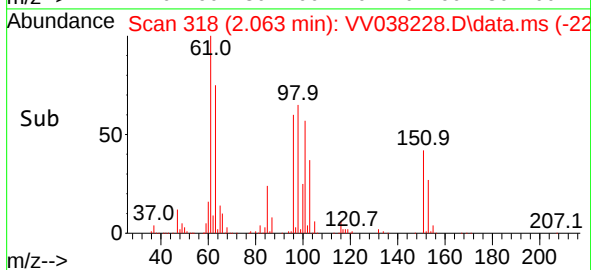
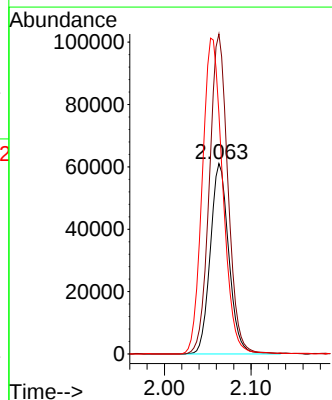
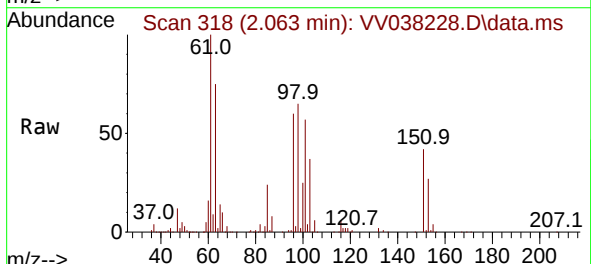
Instrument :
 MSVOA_V
 ClientSampleId :

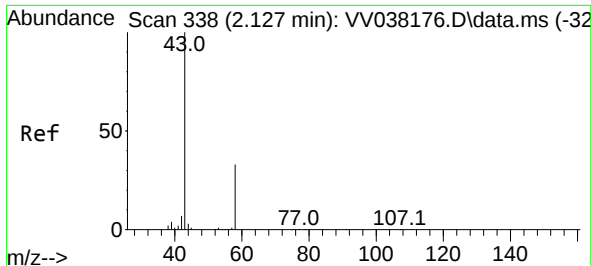
Tgt Ion:101 Resp: 99226
 Ion Ratio Lower Upper
 101 100
 85 42.2 33.4 50.0
 151 74.2 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 4.617 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038228.D
 Acq: 21 Nov 2024 09:27

Tgt Ion: 96 Resp: 90418
 Ion Ratio Lower Upper
 96 100
 61 168.0 115.7 214.9
 63 126.2 101.1 187.7





#13

Acetone

Concen: 48.164 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Instrument :

MSVOA_V

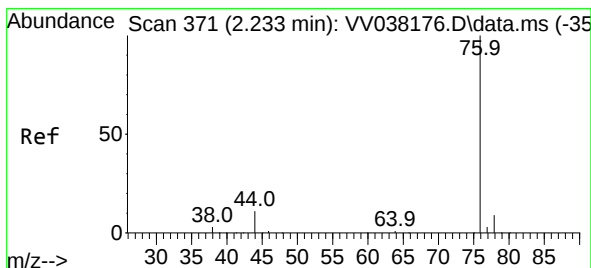
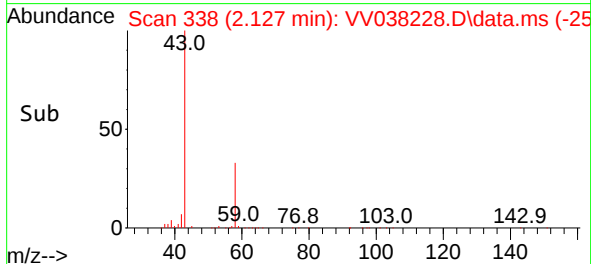
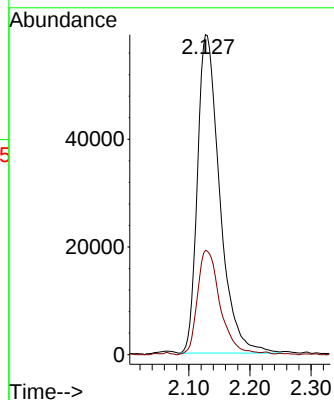
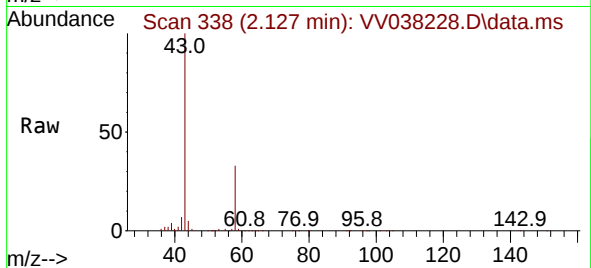
ClientSampleId :

Tgt Ion: 43 Resp: 149755

Ion Ratio Lower Upper

43 100

58 33.3 0.0 67.2



#14

Carbon disulfide

Concen: 4.391 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV038228.D

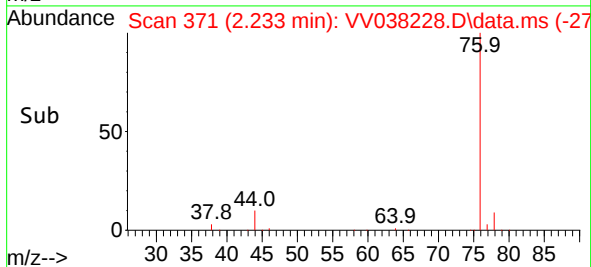
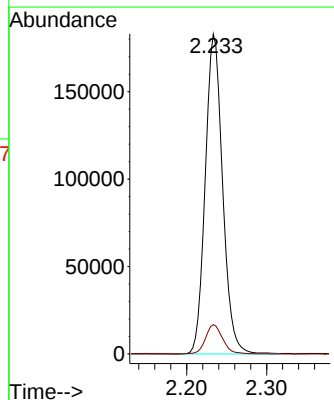
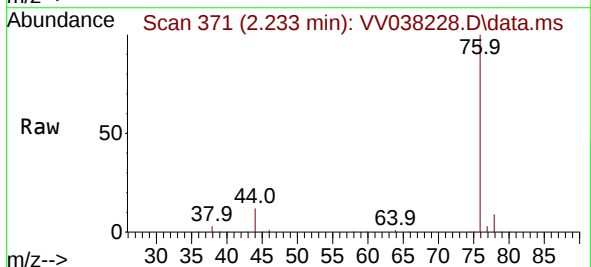
Acq: 21 Nov 2024 09:27

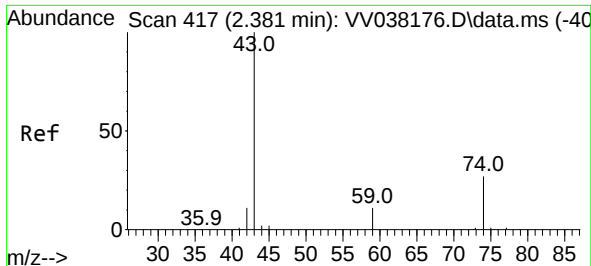
Tgt Ion: 76 Resp: 277012

Ion Ratio Lower Upper

76 100

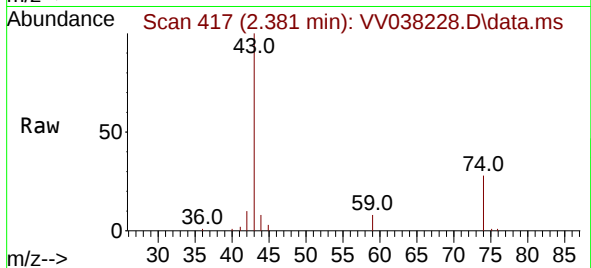
78 9.2 7.4 11.0



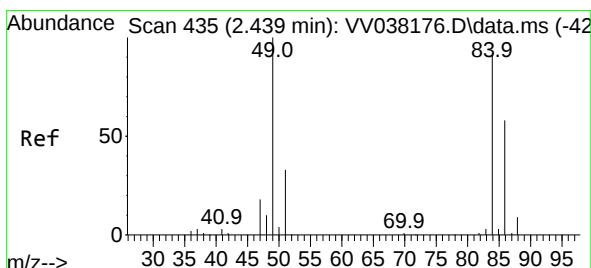
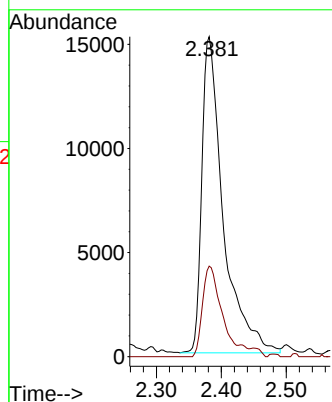
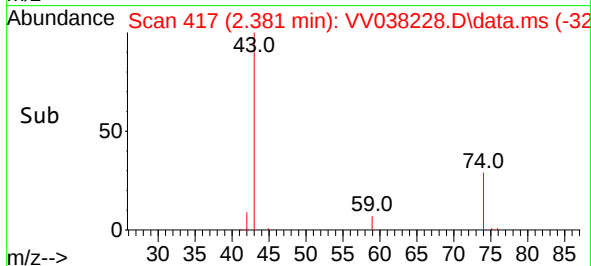


#15
Methyl Acetate
Concen: 4.608 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.006 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

Instrument :
MSVOA_V
ClientSampleId :

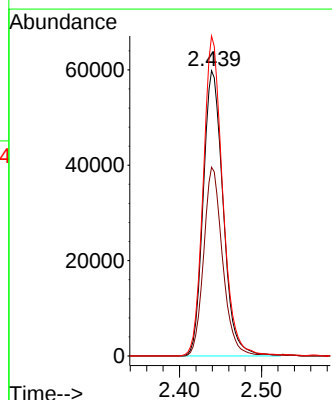
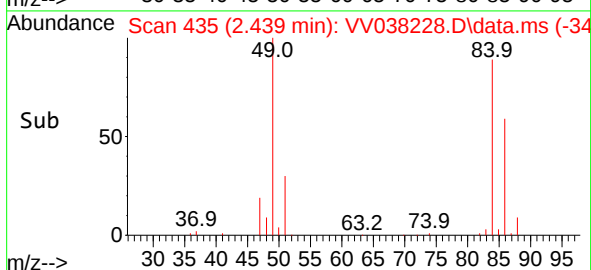
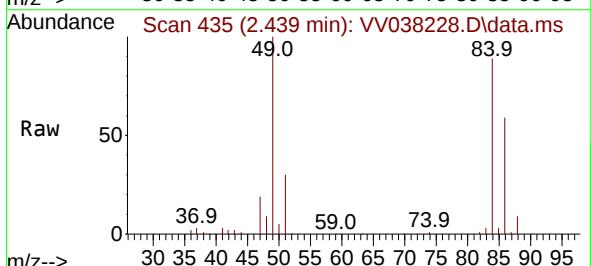


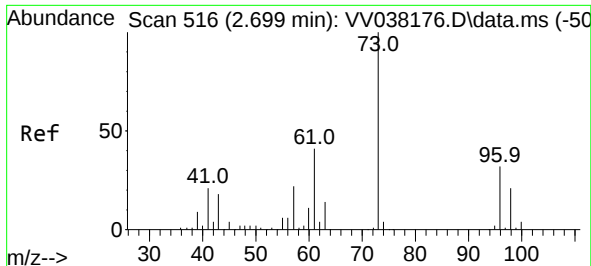
Tgt Ion: 43 Resp: 34795
Ion Ratio Lower Upper
43 100
74 25.1 22.4 33.6



#16
Methylene chloride
Concen: 4.512 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

Tgt Ion: 84 Resp: 100766
Ion Ratio Lower Upper
84 100
86 66.2 44.2 82.2
49 112.2 74.9 139.1

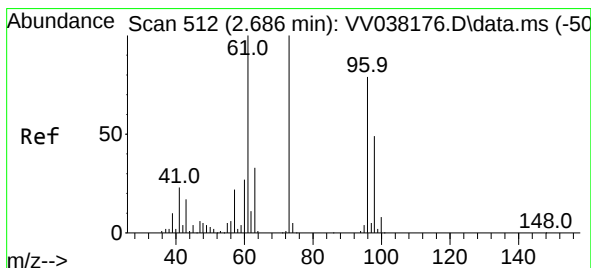
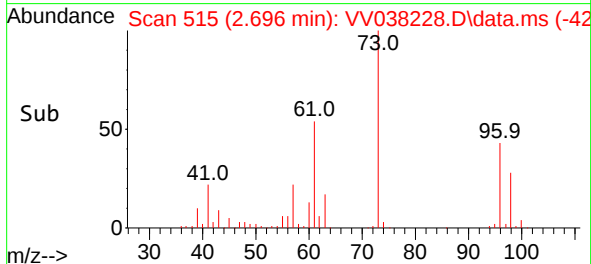
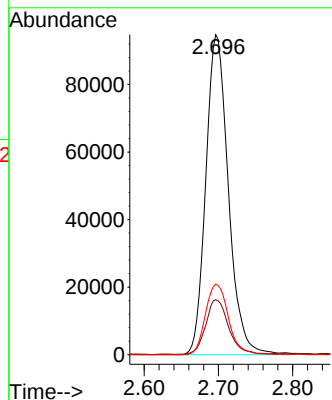
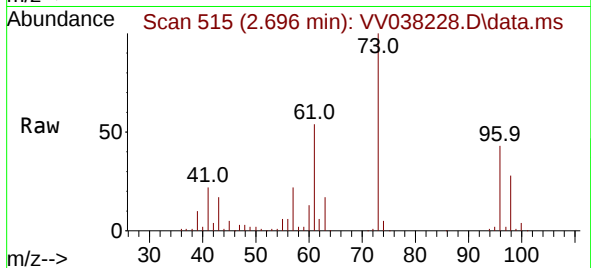




#17
Methyl tert-butyl Ether
Concen: 4.510 ug/L
RT: 2.696 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

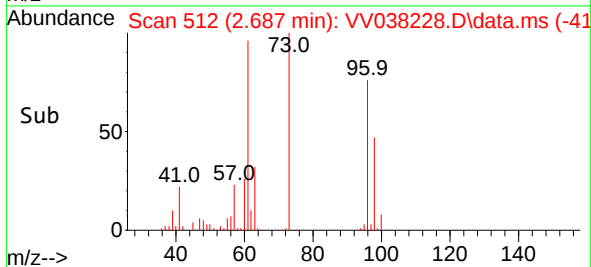
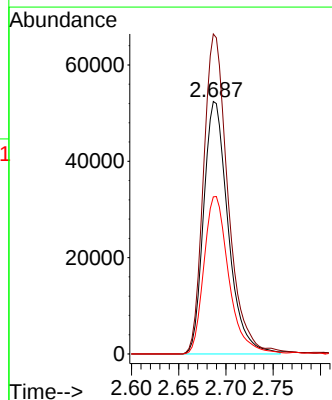
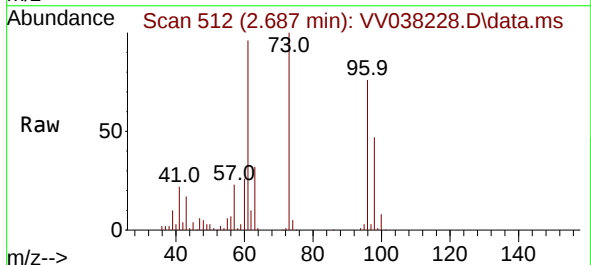
Instrument :
MSVOA_V
ClientSampleId :

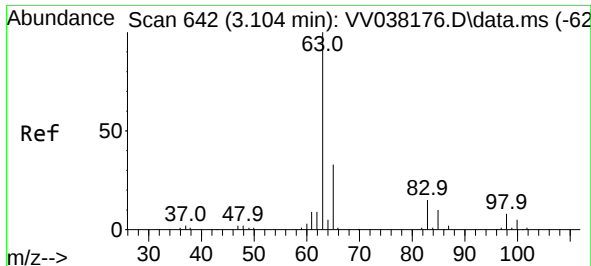
Tgt Ion: 73 Resp: 199686
Ion Ratio Lower Upper
73 100
43 17.3 14.2 21.2
57 22.5 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.573 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

Tgt Ion: 96 Resp: 94353
Ion Ratio Lower Upper
96 100
61 126.7 88.5 164.4
98 62.2 43.9 81.5





#19

1,1-Dichloroethane

Concen: 4.544 ug/L

RT: 3.101 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Instrument :

MSVOA_V

ClientSampleId :

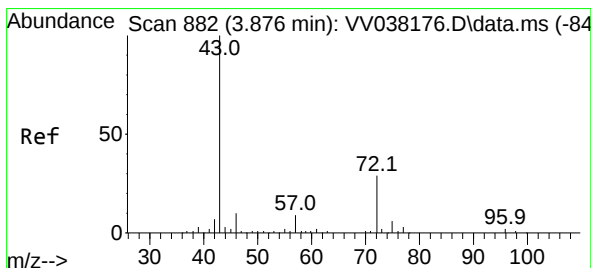
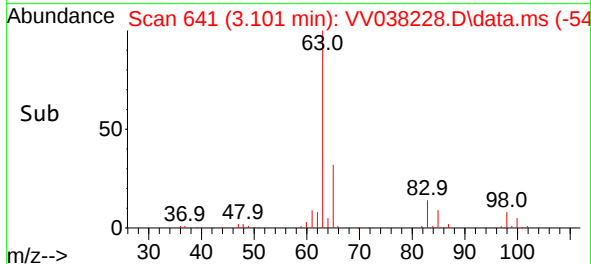
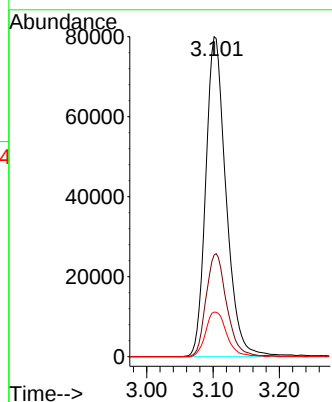
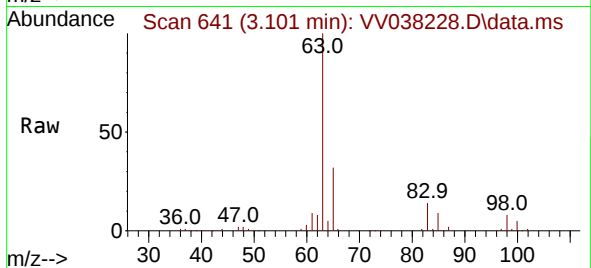
Tgt Ion: 63 Resp: 170174

Ion Ratio Lower Upper

63 100

65 31.8 22.5 41.7

83 13.9 10.1 18.9



#21

2-Butanone

Concen: 43.689 ug/L

RT: 3.876 min Scan# 882

Delta R.T. -0.013 min

Lab File: VV038228.D

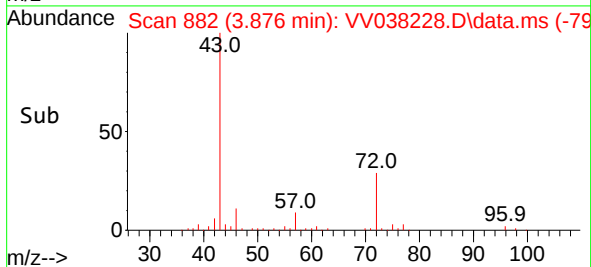
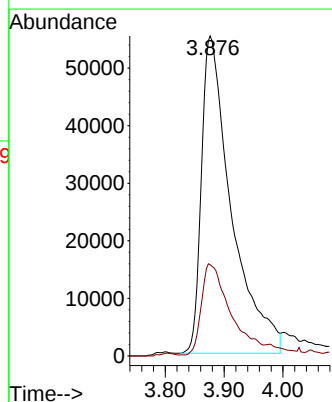
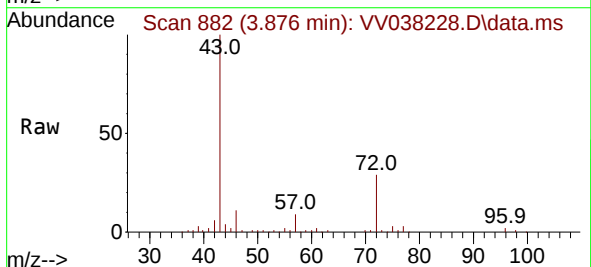
Acq: 21 Nov 2024 09:27

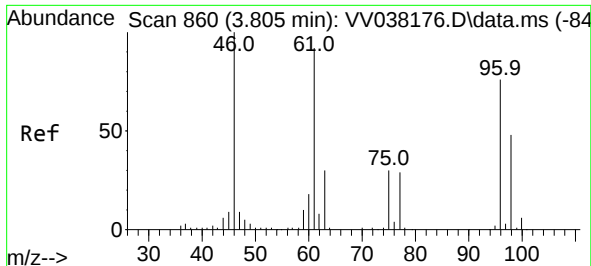
Tgt Ion: 43 Resp: 194961

Ion Ratio Lower Upper

43 100

72 27.6 13.0 39.0

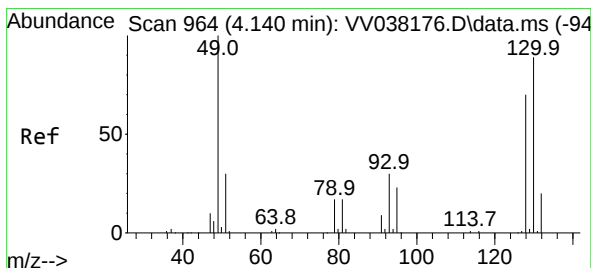
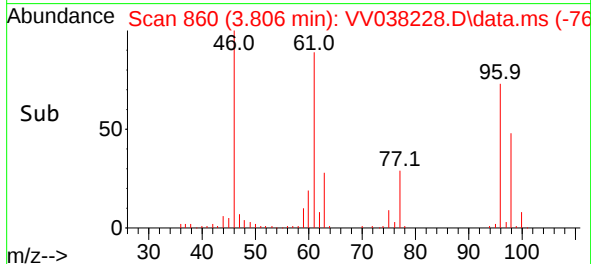
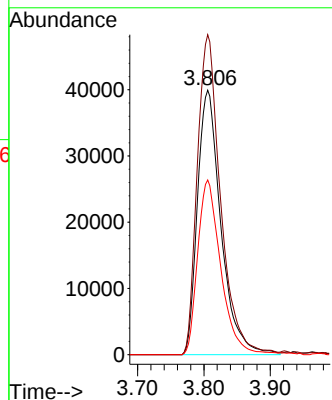
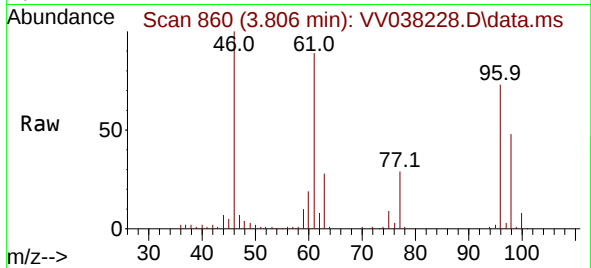




#22
 cis-1,2-Dichloroethene
 Concen: 4.610 ug/L
 RT: 3.806 min Scan# 860
 Delta R.T. 0.000 min
 Lab File: VV038228.D
 Acq: 21 Nov 2024 09:27

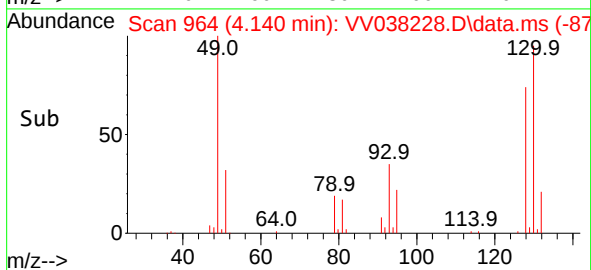
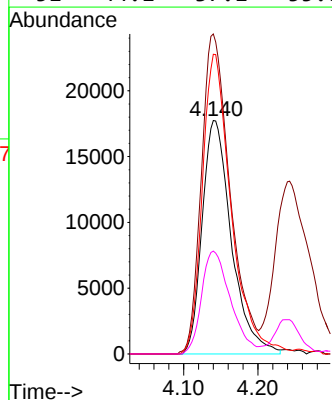
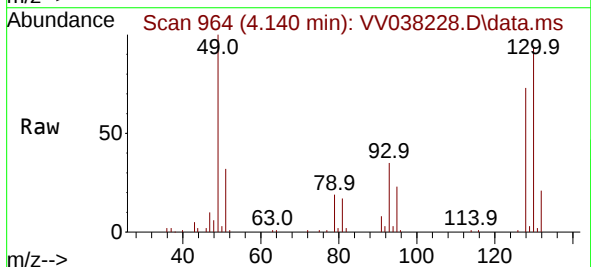
Instrument :
 MSVOA_V
 ClientSampleId :

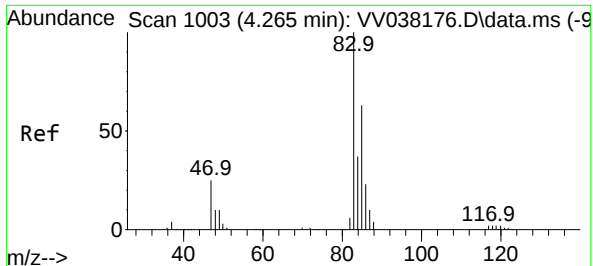
Tgt Ion: 96 Resp: 98330
 Ion Ratio Lower Upper
 96 100
 61 121.0 82.7 153.5
 98 66.1 46.3 85.9



#23
 Bromochloromethane
 Concen: 4.647 ug/L
 RT: 4.140 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VV038228.D
 Acq: 21 Nov 2024 09:27

Tgt Ion:128 Resp: 48397
 Ion Ratio Lower Upper
 128 100
 49 137.1 102.8 190.8
 130 128.4 93.6 173.8
 51 44.1 37.1 55.7





#25

Chloroform

Concen: 4.572 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Instrument :

MSVOA_V

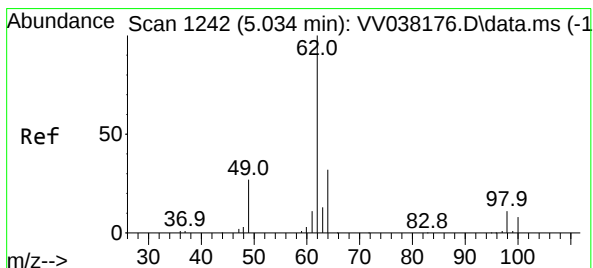
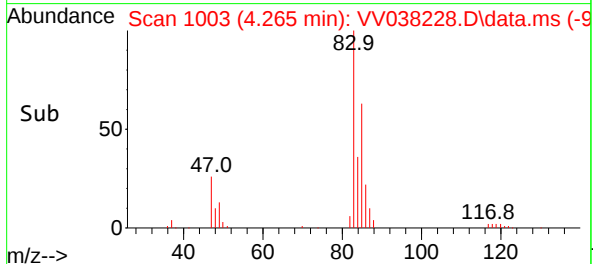
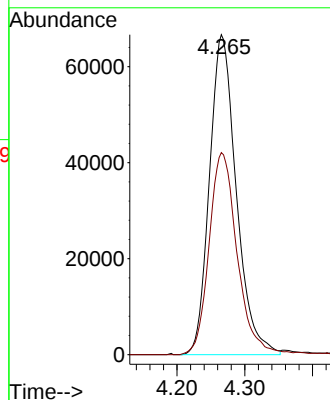
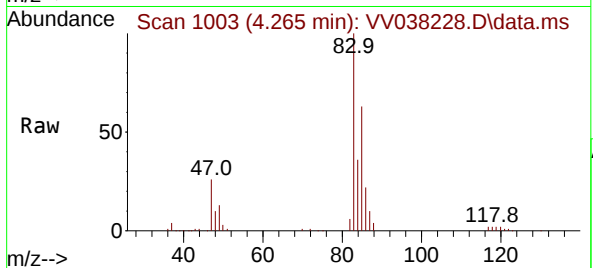
ClientSampleId :

Tgt Ion: 83 Resp: 183179

Ion Ratio Lower Upper

83 100

85 63.2 46.5 86.3



#27

1,2-Dichloroethane

Concen: 4.753 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV038228.D

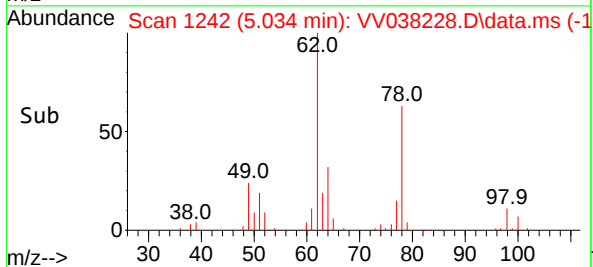
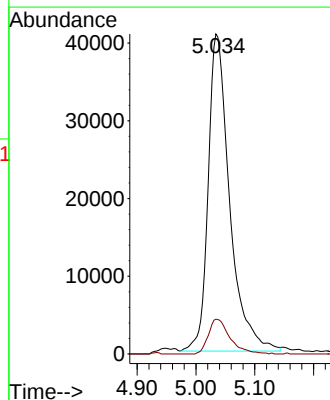
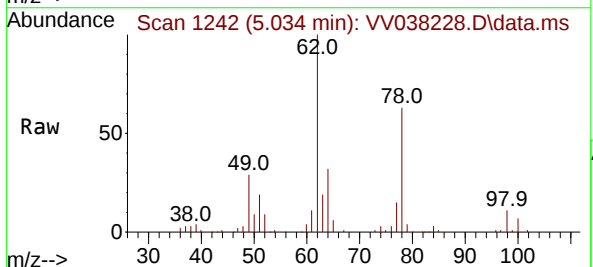
Acq: 21 Nov 2024 09:27

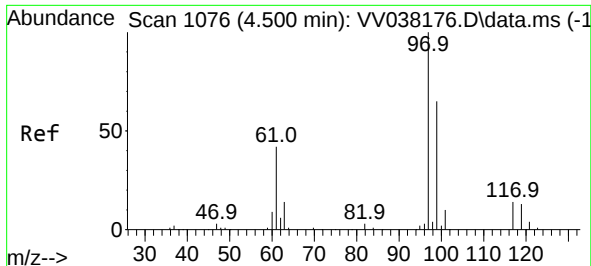
Tgt Ion: 62 Resp: 103610

Ion Ratio Lower Upper

62 100

98 10.8 8.2 12.4

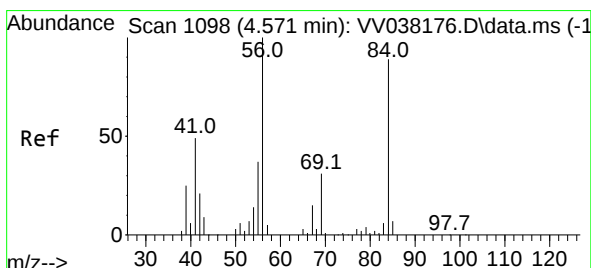
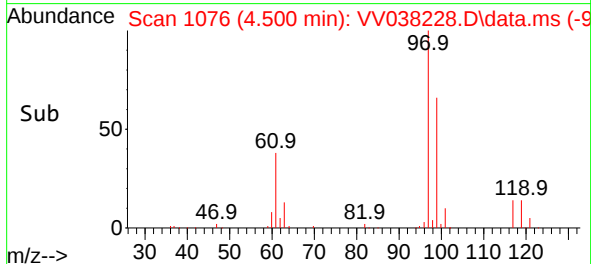
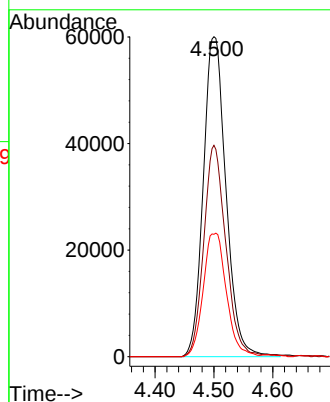
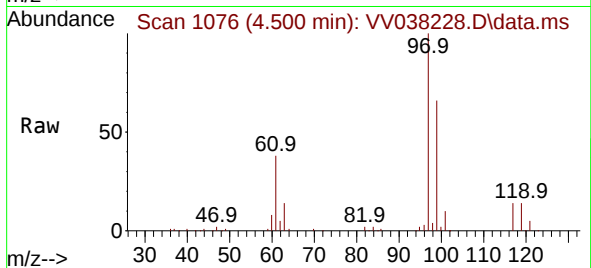




#29
1,1,1-Trichloroethane
Concen: 4.848 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

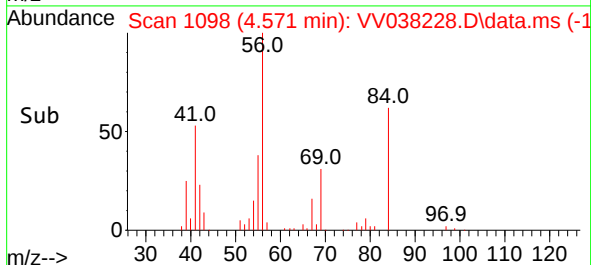
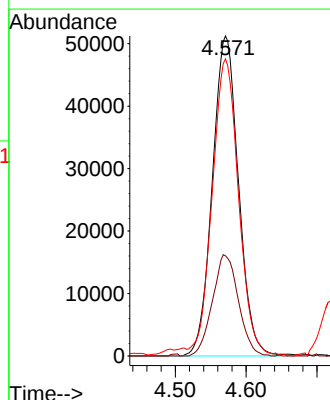
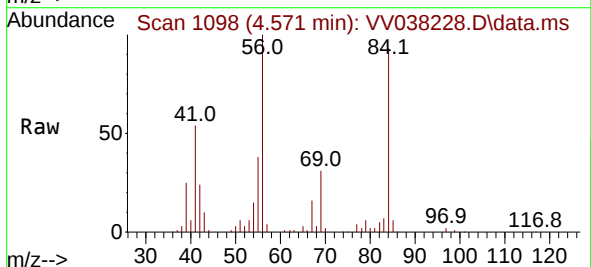
Instrument :
MSVOA_V
ClientSampleId :

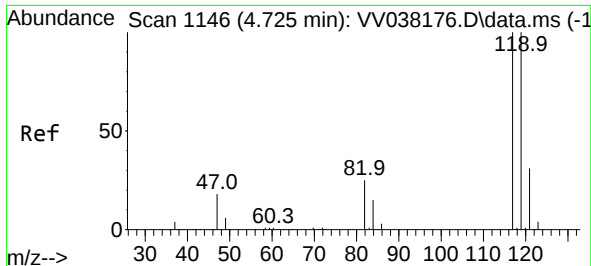
Tgt Ion: 97 Resp: 160881
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 39.4 32.2 48.2



#30
Cyclohexane
Concen: 4.759 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

Tgt Ion: 56 Resp: 130975
Ion Ratio Lower Upper
56 100
69 31.5 26.0 39.0
84 93.9 75.6 113.4

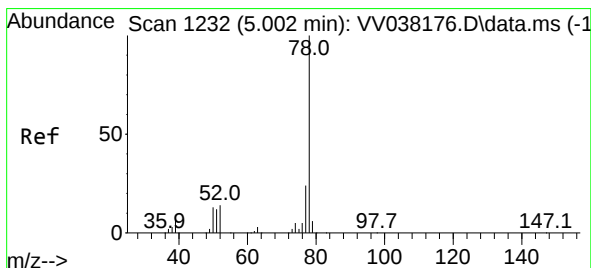
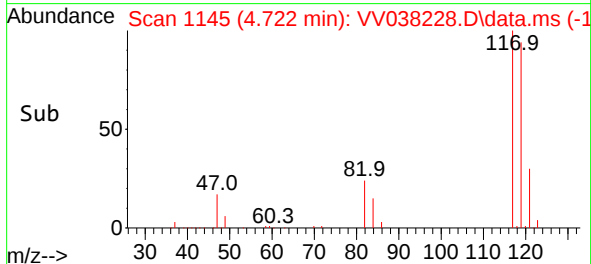
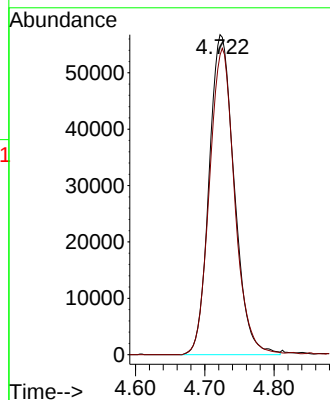
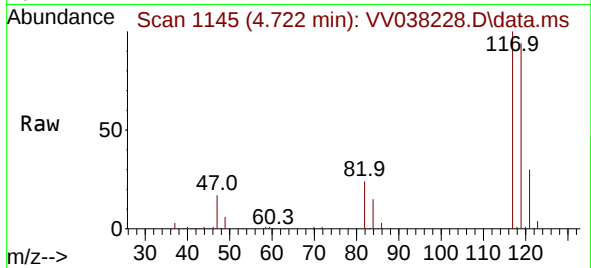




#31
Carbon tetrachloride
Concen: 4.893 ug/L
RT: 4.722 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

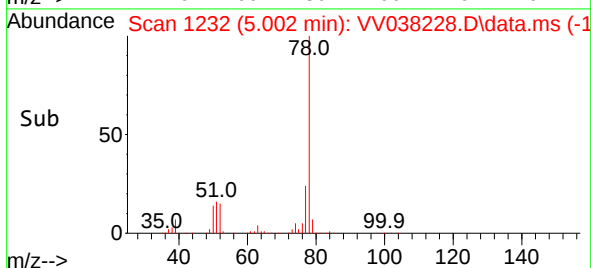
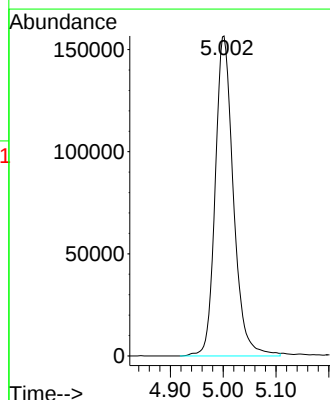
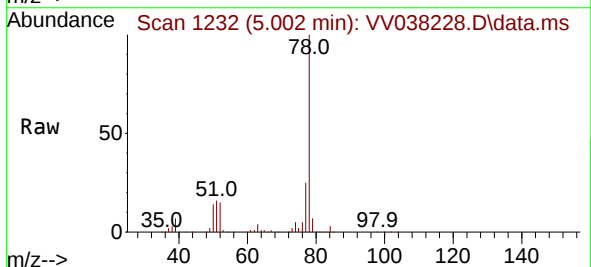
Instrument :
MSVOA_V
ClientSampleId :

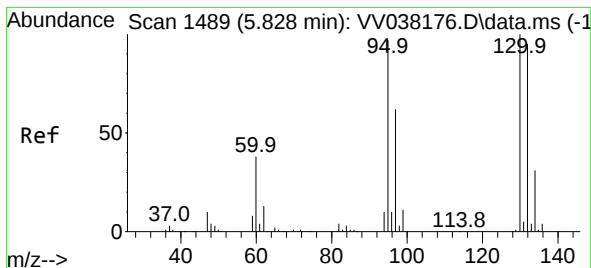
Tgt Ion:117 Resp: 143240
Ion Ratio Lower Upper
117 100
119 95.6 77.4 116.2



#33
Benzene
Concen: 4.822 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

Tgt Ion: 78 Resp: 374740





#34

Trichloroethene

Concen: 4.816 ug/L

RT: 5.828 min Scan# 14

Delta R.T. 0.000 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 102030

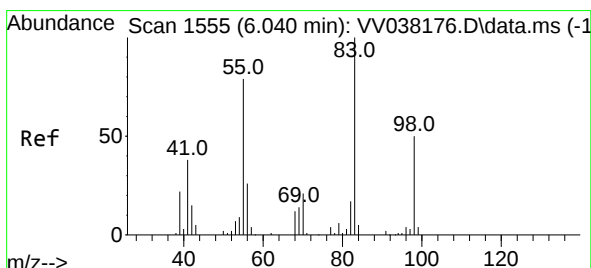
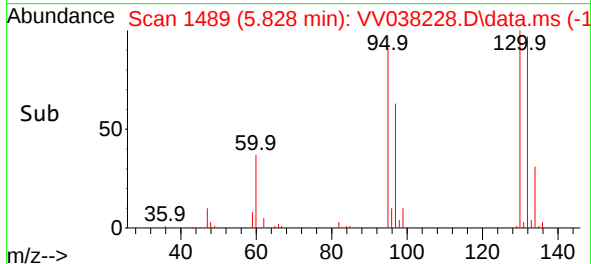
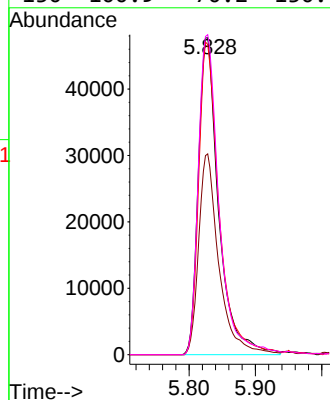
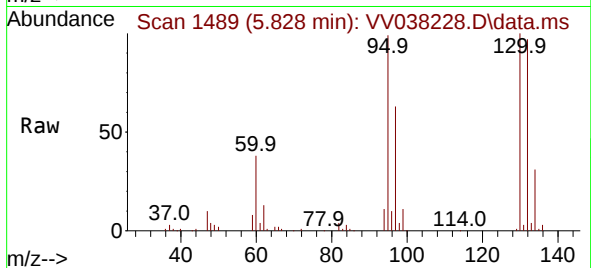
Ion Ratio Lower Upper

95 100

97 63.3 44.8 83.2

132 97.9 68.3 126.8

130 100.9 70.2 130.4



#35

Methylcyclohexane

Concen: 4.774 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

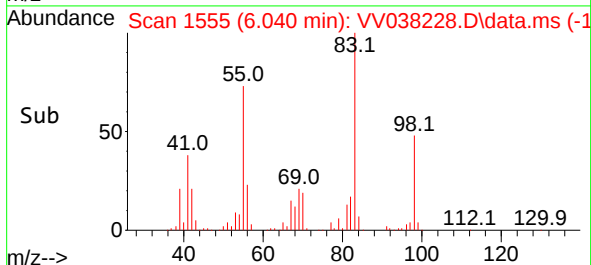
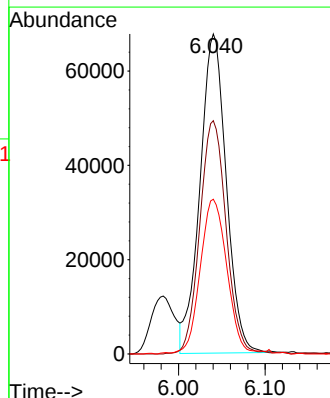
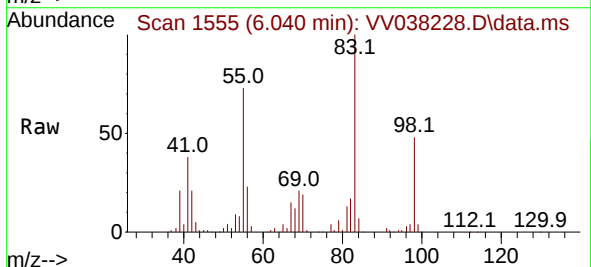
Tgt Ion: 83 Resp: 143077

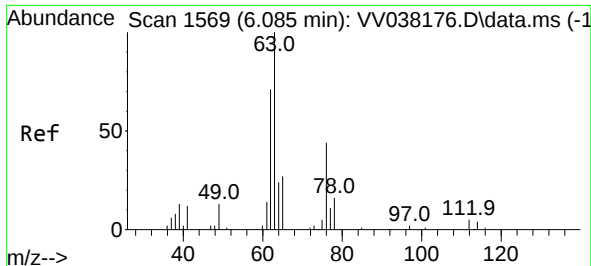
Ion Ratio Lower Upper

83 100

55 73.2 59.7 89.5

98 48.0 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.755 ug/L

RT: 6.085 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Instrument :

MSVOA_V

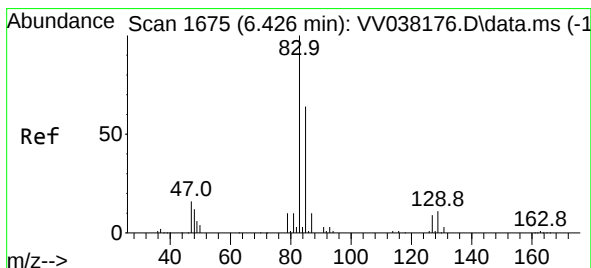
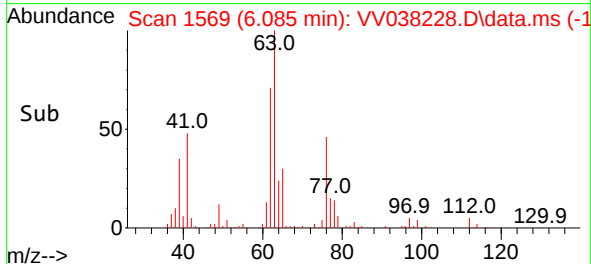
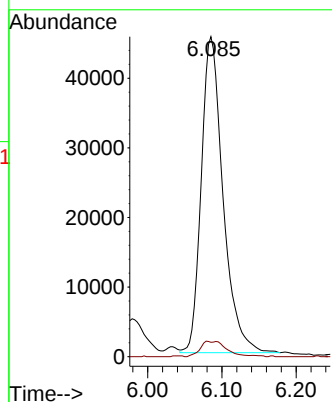
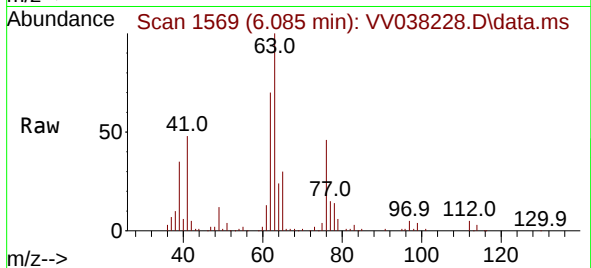
ClientSampleId :

Tgt Ion: 63 Resp: 92559

Ion Ratio Lower Upper

63 100

112 2.6 3.9 5.9#



#38

Bromodichloromethane

Concen: 4.897 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

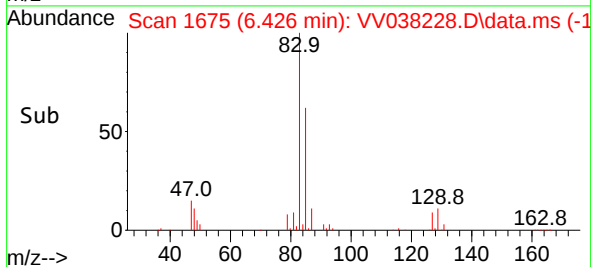
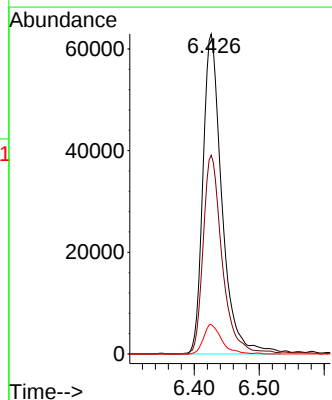
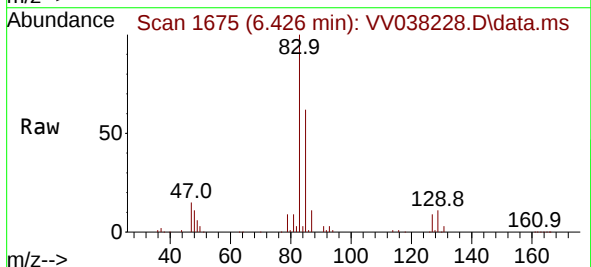
Tgt Ion: 83 Resp: 128124

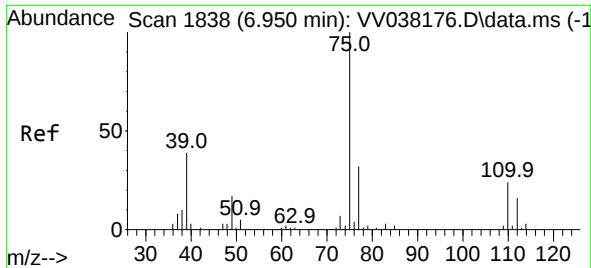
Ion Ratio Lower Upper

83 100

85 62.1 43.9 81.5

127 9.2 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.946 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Instrument :

MSVOA_V

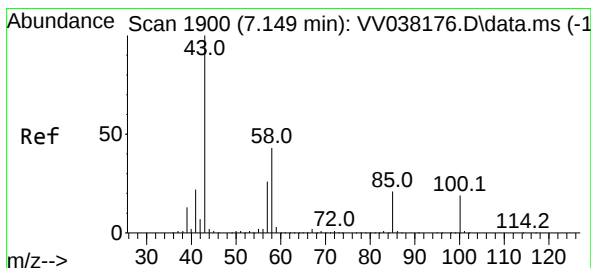
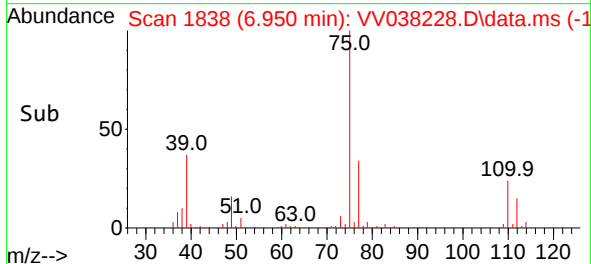
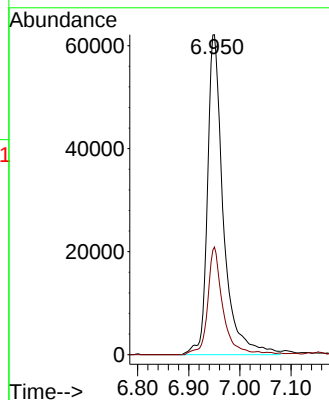
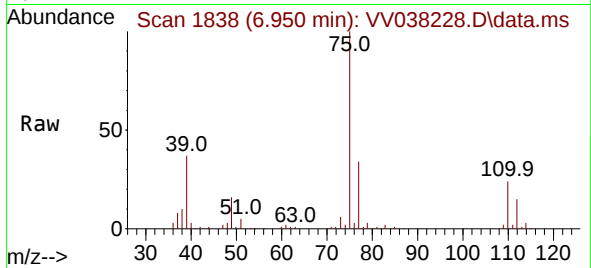
ClientSampleId :

Tgt Ion: 75 Resp: 134403

Ion Ratio Lower Upper

75 100

77 33.7 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 48.933 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

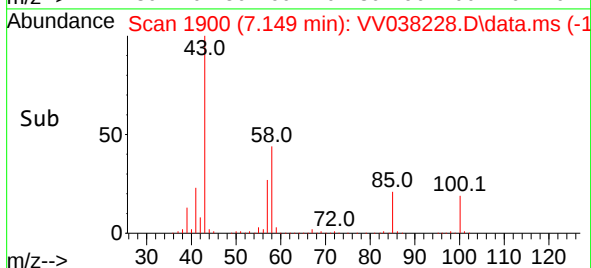
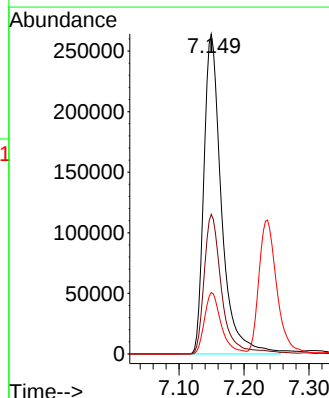
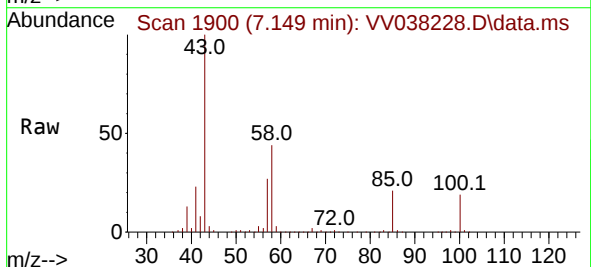
Tgt Ion: 43 Resp: 498543

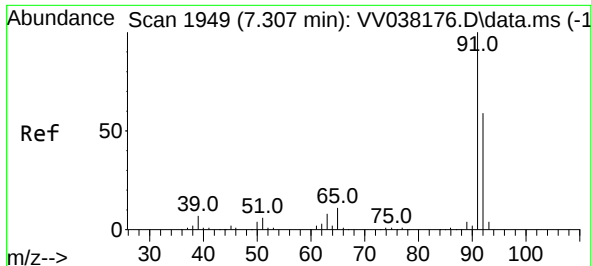
Ion Ratio Lower Upper

43 100

58 43.9 33.4 50.2

100 18.4 14.3 21.5





#42

Toluene

Concen: 4.946 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Instrument :

MSVOA_V

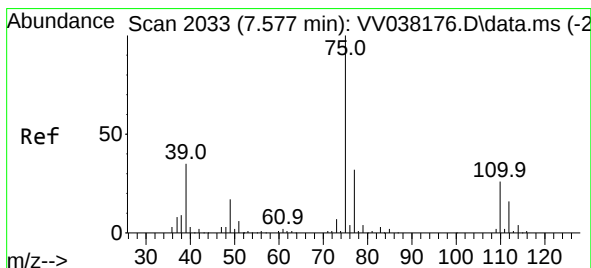
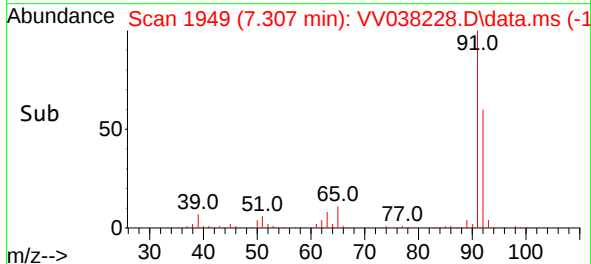
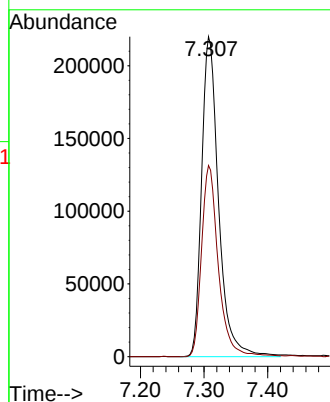
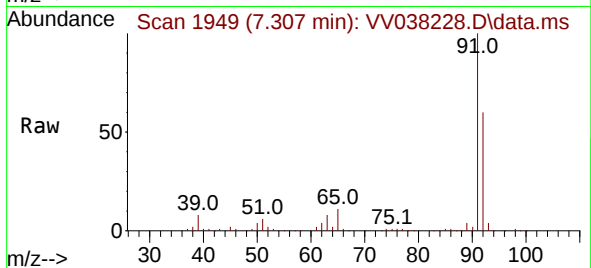
ClientSampleId :

Tgt Ion: 91 Resp: 407089

Ion Ratio Lower Upper

91 100

92 59.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.995 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038228.D

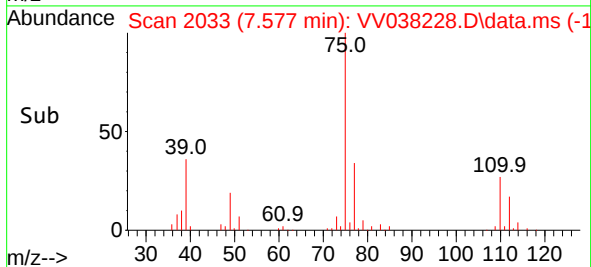
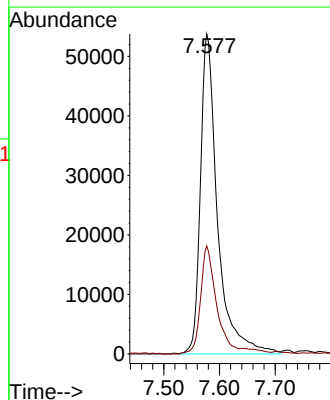
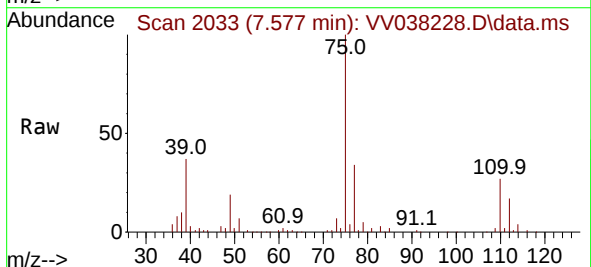
Acq: 21 Nov 2024 09:27

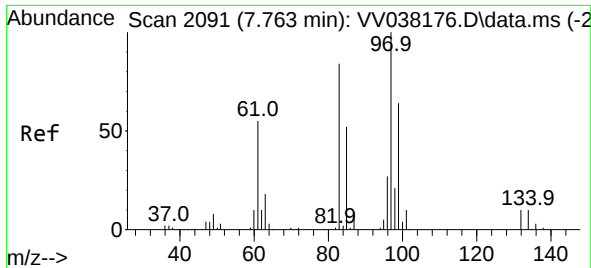
Tgt Ion: 75 Resp: 114669

Ion Ratio Lower Upper

75 100

77 33.8 23.4 43.4

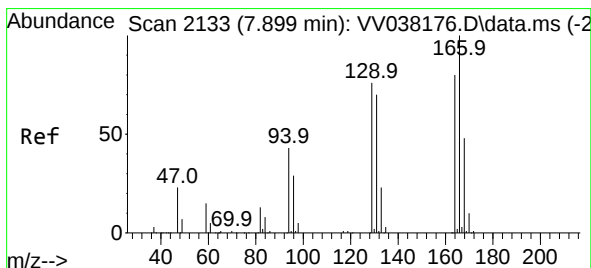
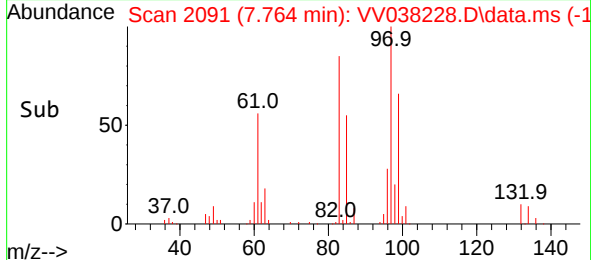
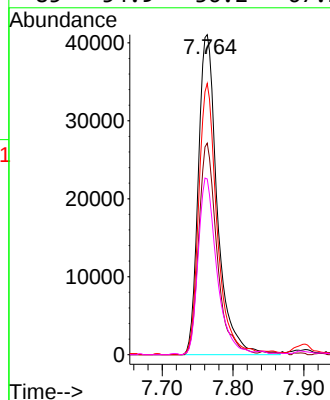
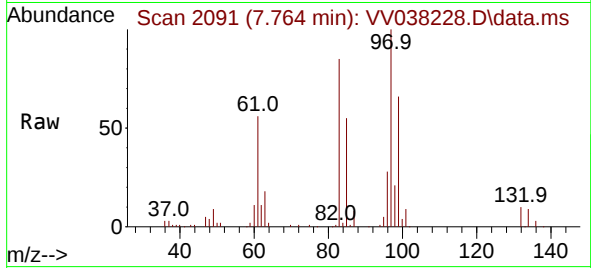




#45
1,1,2-Trichloroethane
Concen: 4.851 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

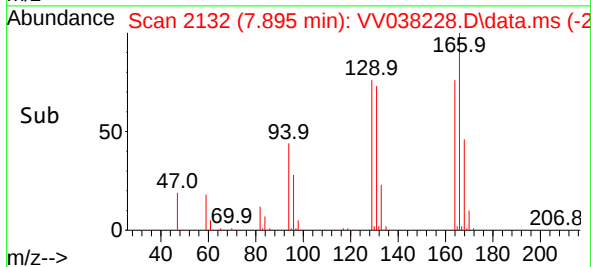
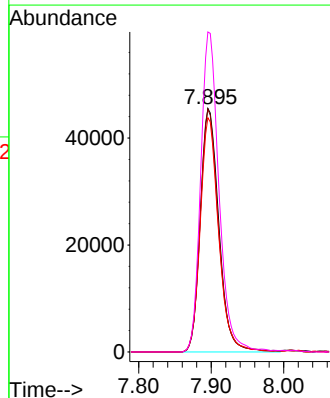
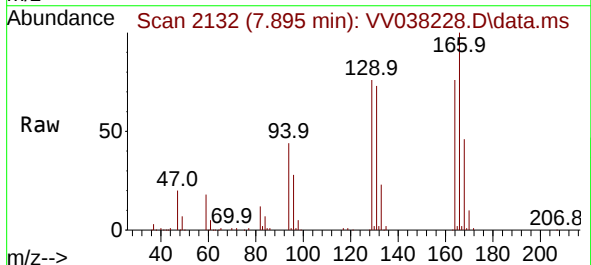
Instrument :
MSVOA_V
ClientSampleId :

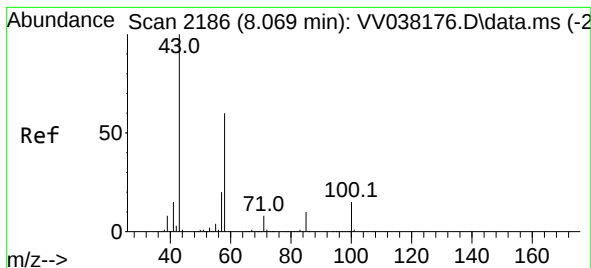
Tgt Ion:	97	Resp:	76582
Ion	Ratio	Lower	Upper
97	100		
99	66.1	41.9	77.7
83	84.7	57.7	107.1
85	54.9	36.2	67.2



#47
Tetrachloroethene
Concen: 4.759 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

Tgt Ion:	164	Resp:	81009
Ion	Ratio	Lower	Upper
164	100		
129	99.6	68.5	127.1
131	96.2	64.8	120.4
166	131.4	88.3	163.9





#48

2-Hexanone

Concen: 50.225 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 371073

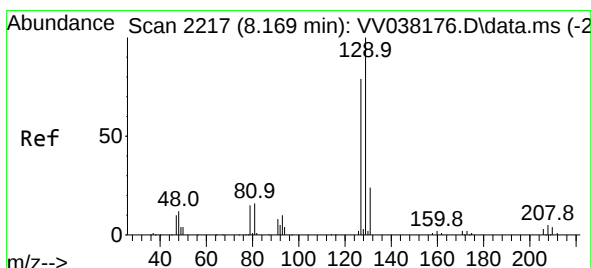
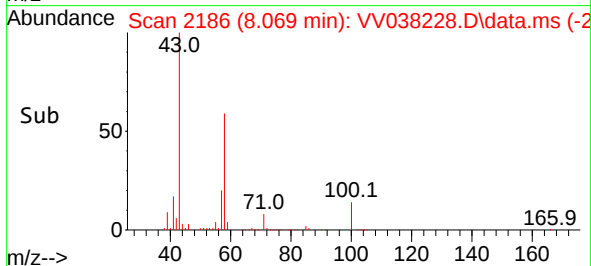
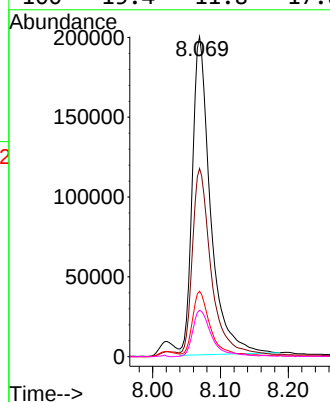
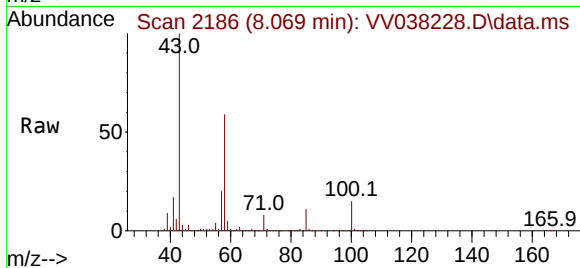
Ion Ratio Lower Upper

43 100

58 60.5 49.2 73.8

57 19.5 16.9 25.3

100 15.4 11.8 17.8



#49

Dibromochloromethane

Concen: 4.930 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV038228.D

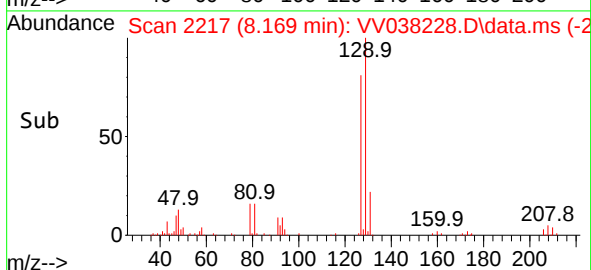
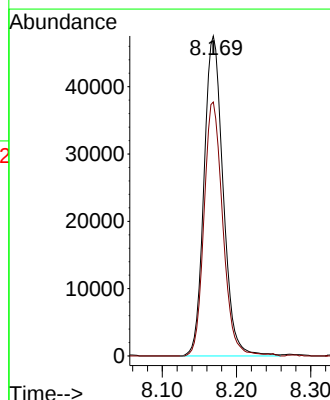
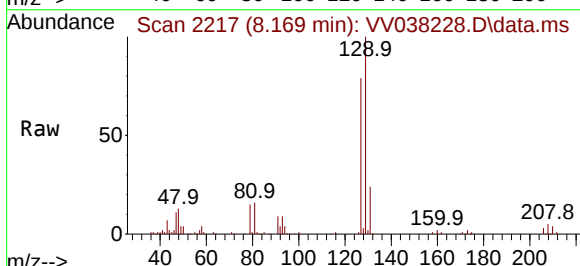
Acq: 21 Nov 2024 09:27

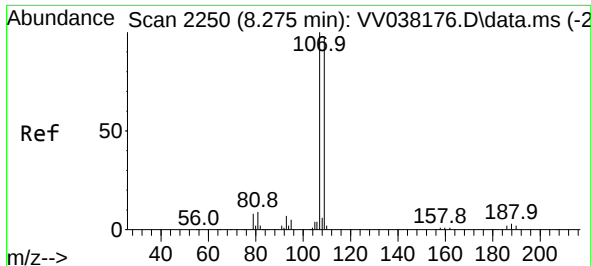
Tgt Ion: 129 Resp: 84858

Ion Ratio Lower Upper

129 100

127 79.4 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.905 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038228.D

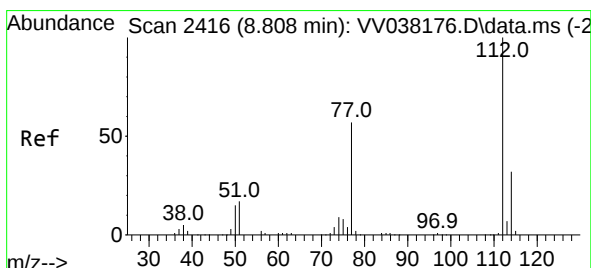
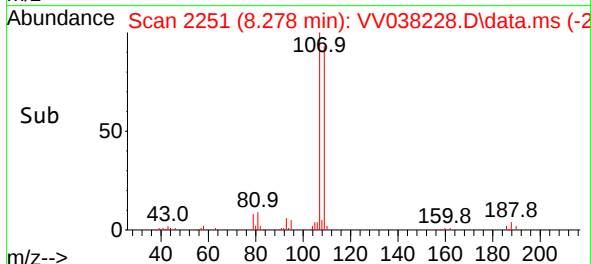
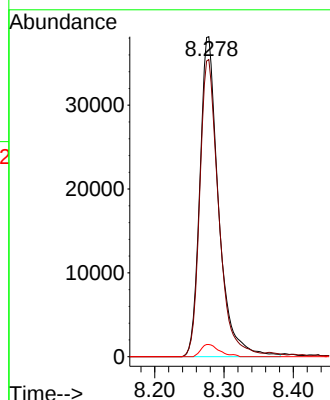
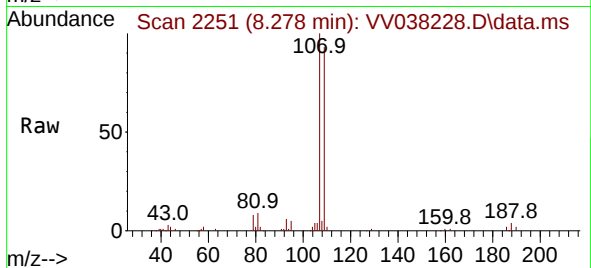
Acq: 21 Nov 2024 09:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	71782
Ion	Ratio	Lower	Upper
107	100		
109	92.8	66.1	122.7
188	3.8	2.6	3.8



#51

Chlorobenzene

Concen: 4.763 ug/L

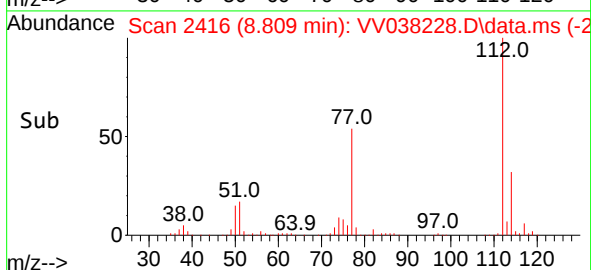
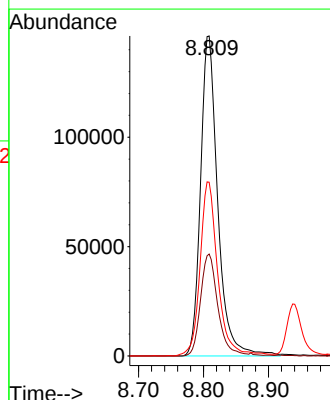
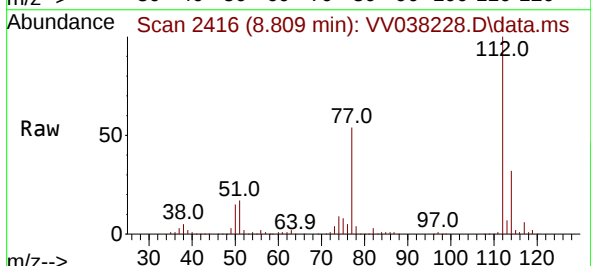
RT: 8.809 min Scan# 2416

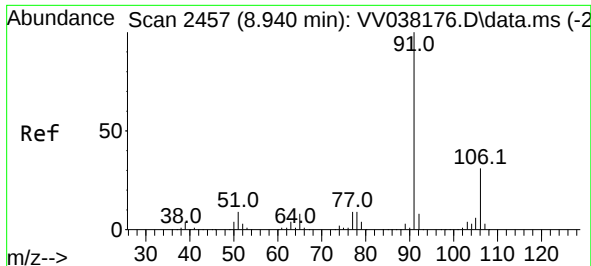
Delta R.T. 0.000 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Tgt Ion:	112	Resp:	270100
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.0	40.8
77	54.3	45.0	67.4

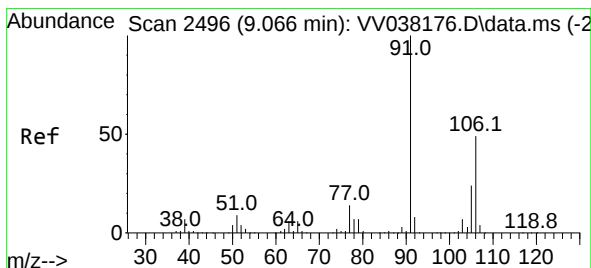
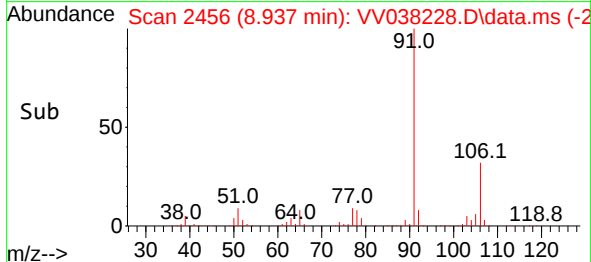
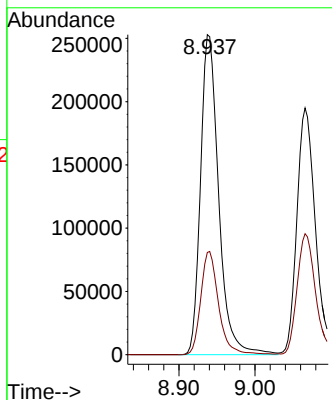
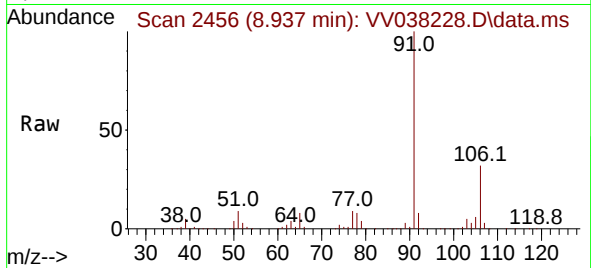




#52
Ethylbenzene
Concen: 4.803 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.003 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

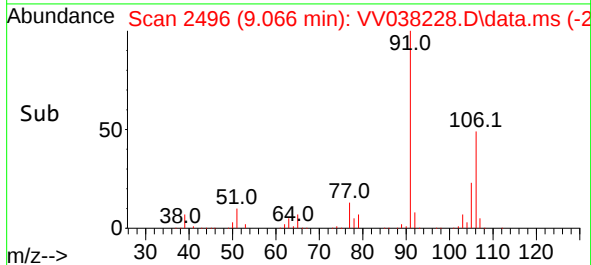
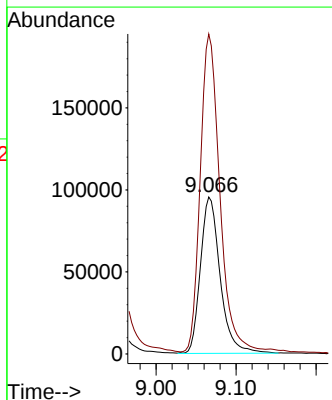
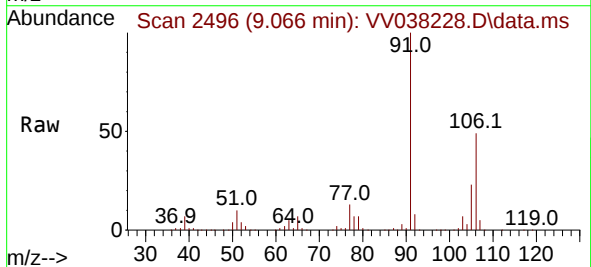
Instrument :
MSVOA_V
ClientSampleId :

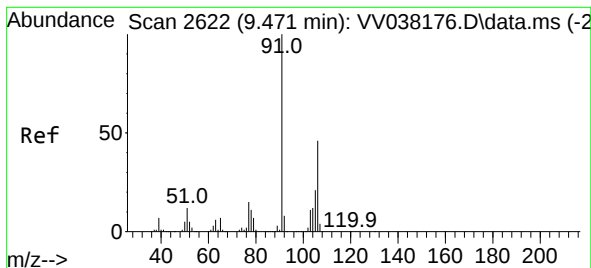
Tgt Ion: 91 Resp: 419364
Ion Ratio Lower Upper
91 100
106 31.9 21.8 40.4



#53
m,p-Xylene
Concen: 4.971 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

Tgt Ion: 106 Resp: 163781
Ion Ratio Lower Upper
106 100
91 204.0 138.7 257.5





#54

o-Xylene

Concen: 4.879 ug/L

RT: 9.471 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Instrument :

MSVOA_V

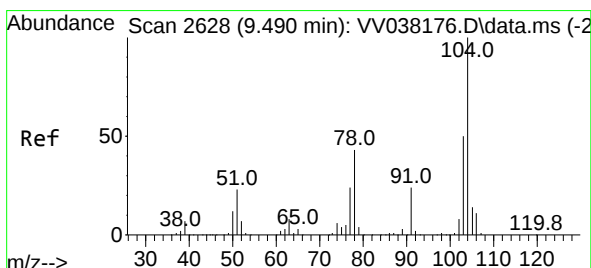
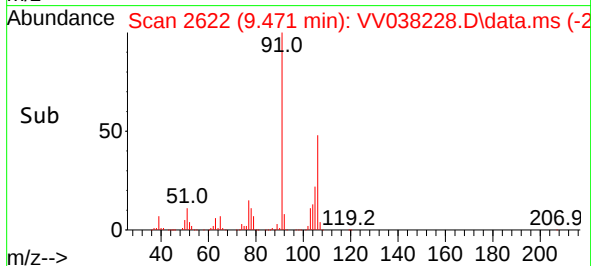
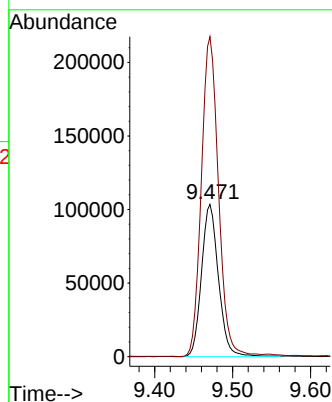
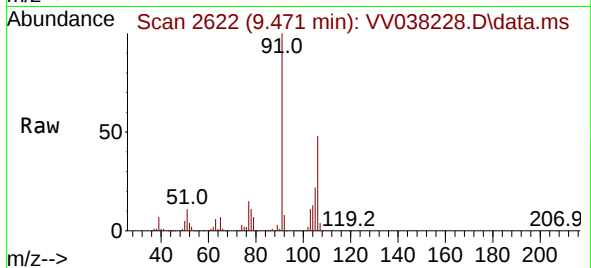
ClientSampleId :

Tgt Ion:106 Resp: 156497

Ion Ratio Lower Upper

106 100

91 210.0 155.5 288.7



#55

Styrene

Concen: 5.062 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV038228.D

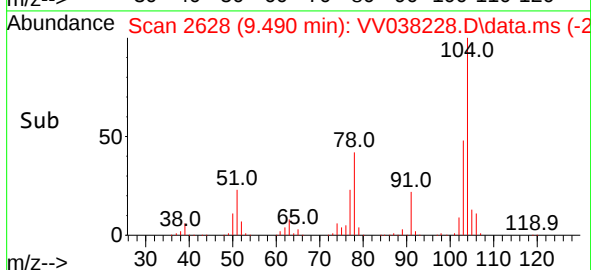
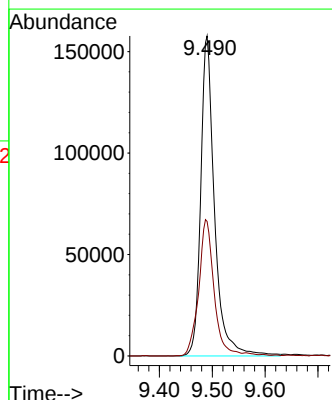
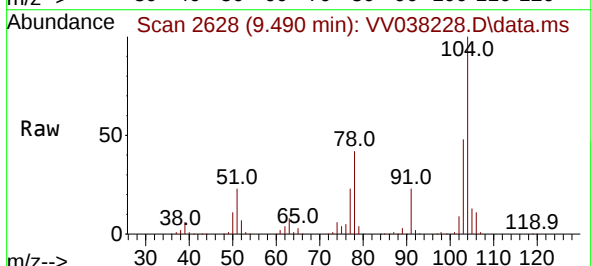
Acq: 21 Nov 2024 09:27

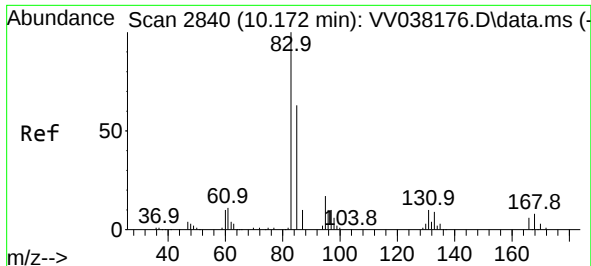
Tgt Ion:104 Resp: 286239

Ion Ratio Lower Upper

104 100

78 42.0 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.610 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. -0.003 min

Lab File: VV038228.D

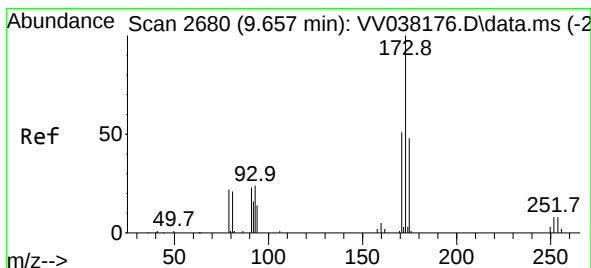
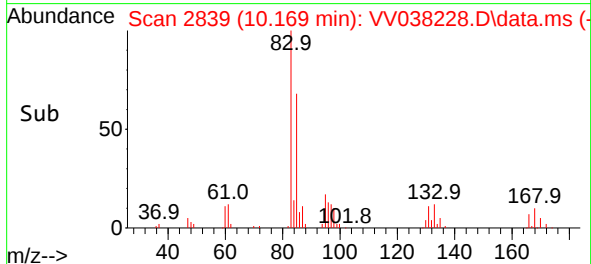
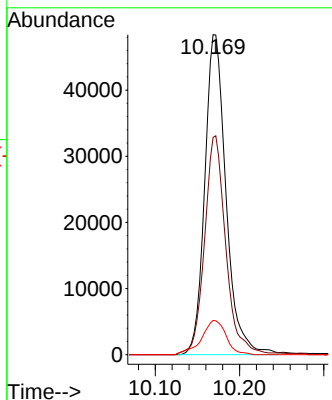
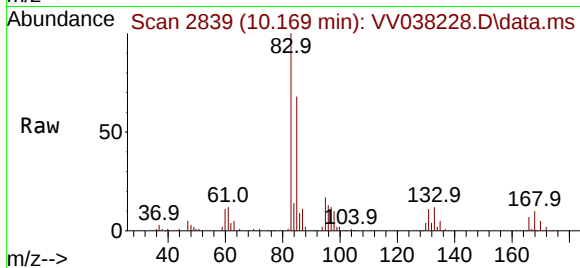
Acq: 21 Nov 2024 09:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	85092
Ion Ratio	Lower	Upper	
83	100		
85	67.9	45.7	84.9
131	10.7	8.2	12.4



#59

Bromoform

Concen: 5.229 ug/L

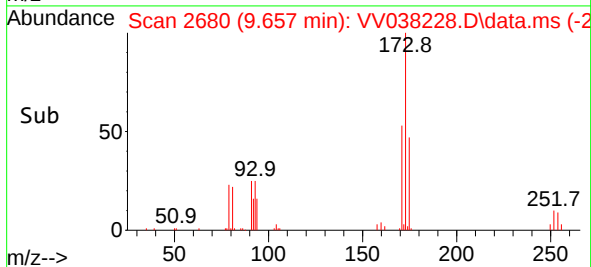
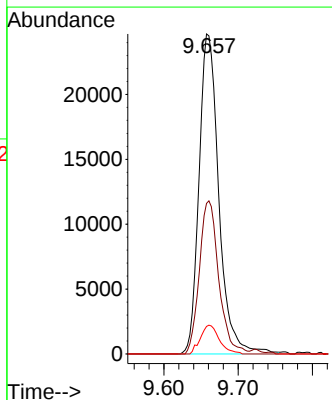
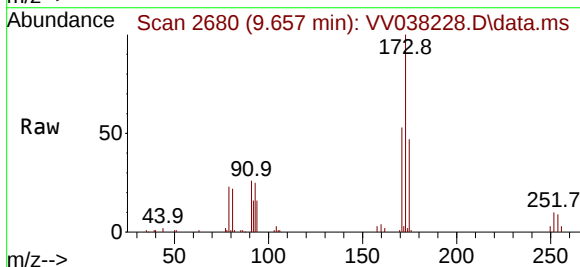
RT: 9.657 min Scan# 2680

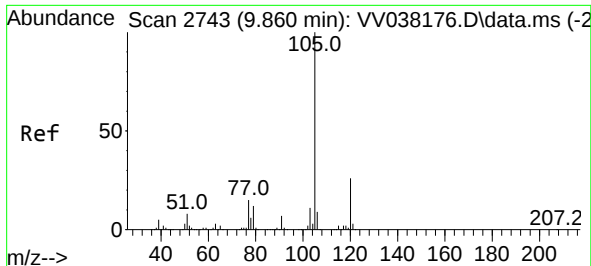
Delta R.T. -0.003 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Tgt Ion:	173	Resp:	45738
Ion Ratio	Lower	Upper	
173	100		
175	46.8	38.5	57.7
254	8.6	6.9	10.3

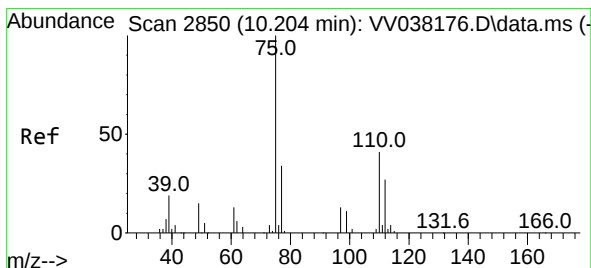
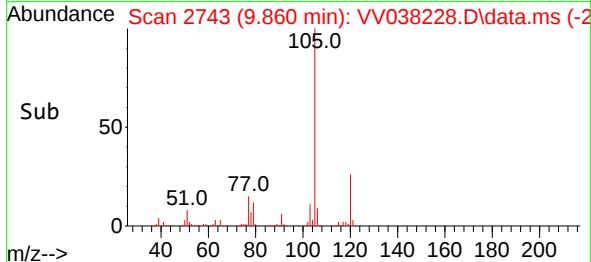
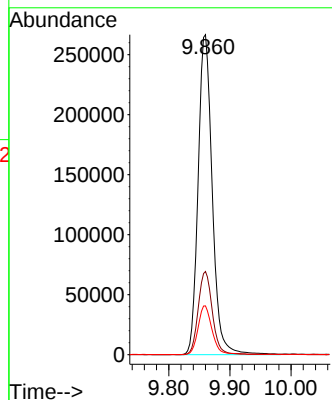
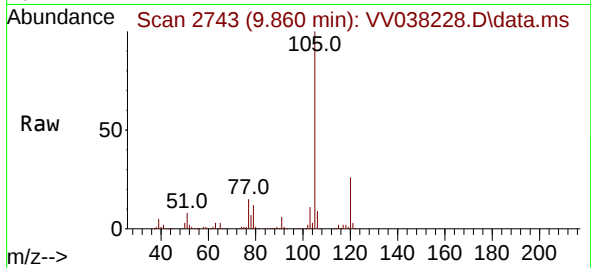




#60
Isopropylbenzene
Concen: 4.953 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

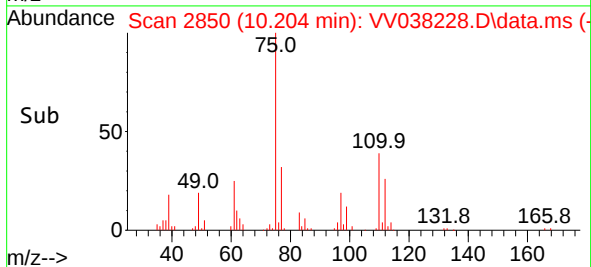
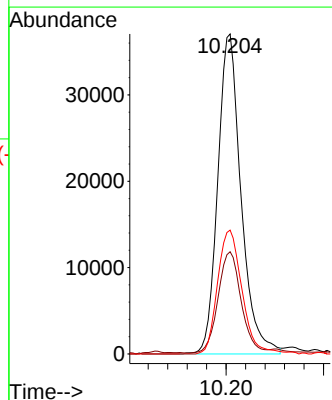
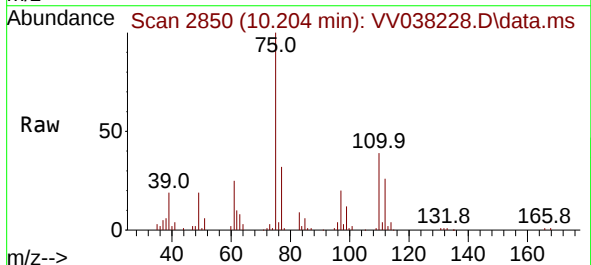
Instrument :
MSVOA_V
ClientSampleId :

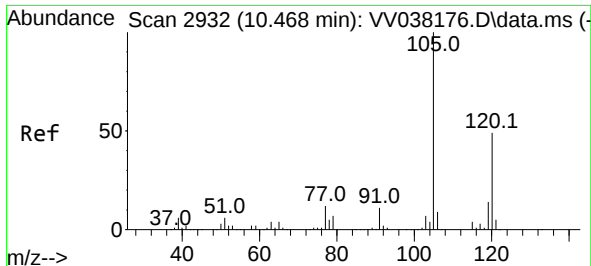
Tgt Ion:105 Resp: 428833
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 14.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.778 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

Tgt Ion: 75 Resp: 61487
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
110 40.7 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 4.717 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Instrument :

MSVOA_V

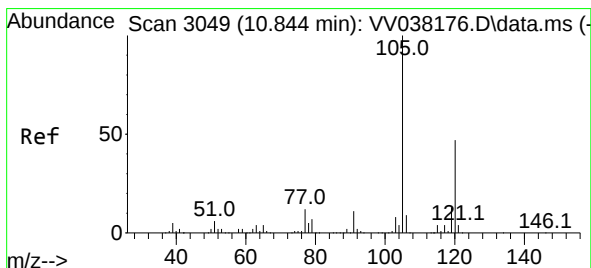
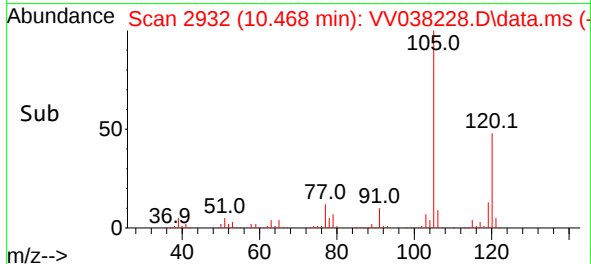
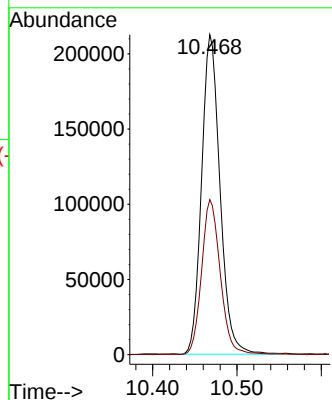
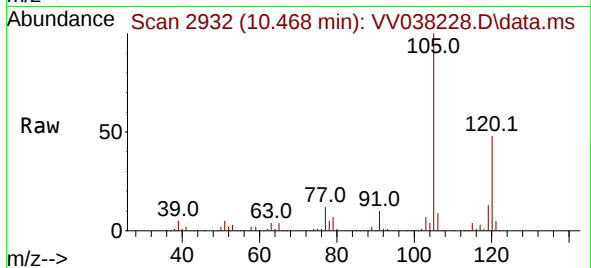
ClientSampleId :

Tgt Ion:105 Resp: 324060

Ion Ratio Lower Upper

105 100

120 49.0 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 4.857 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV038228.D

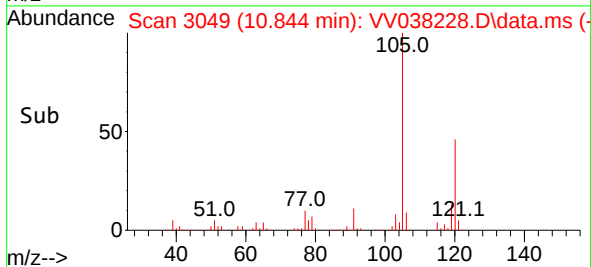
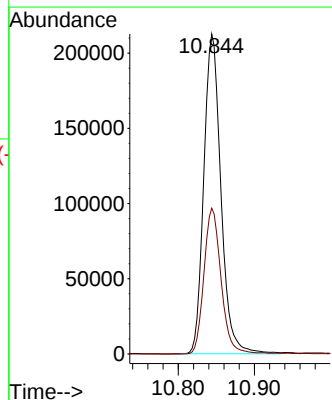
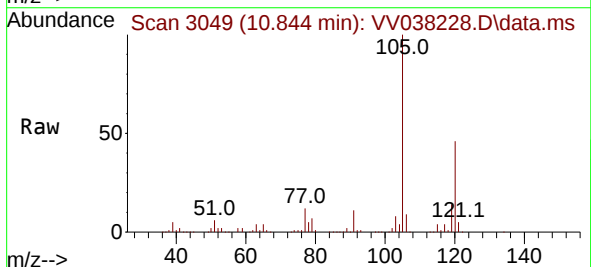
Acq: 21 Nov 2024 09:27

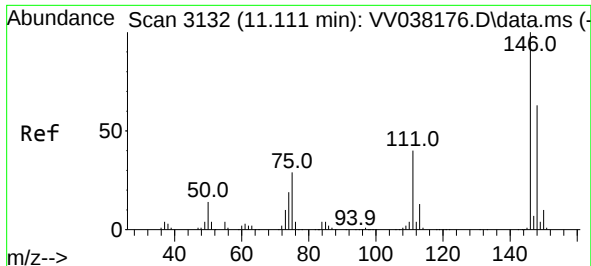
Tgt Ion:105 Resp: 332742

Ion Ratio Lower Upper

105 100

120 45.4 37.0 55.4

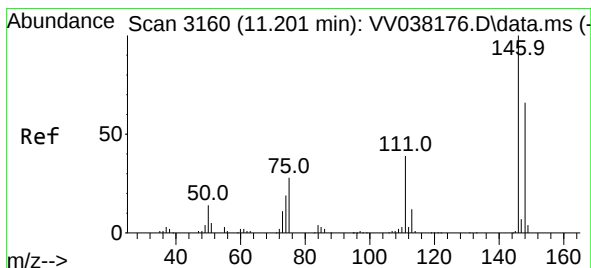
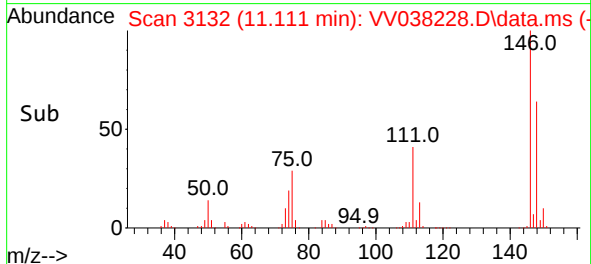
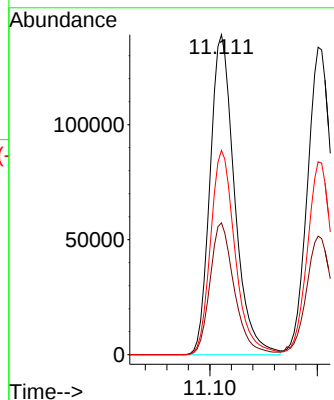
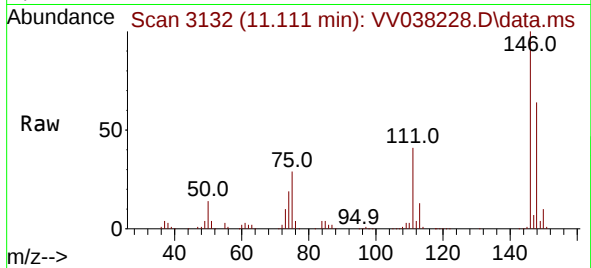




#64
1,3-Dichlorobenzene
Concen: 4.732 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

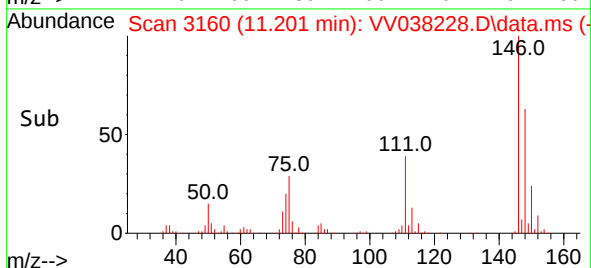
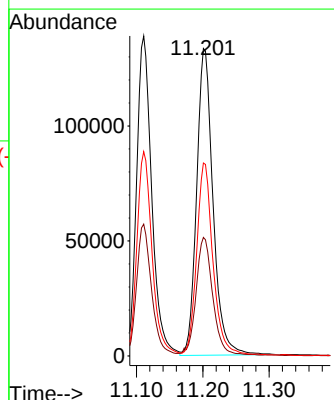
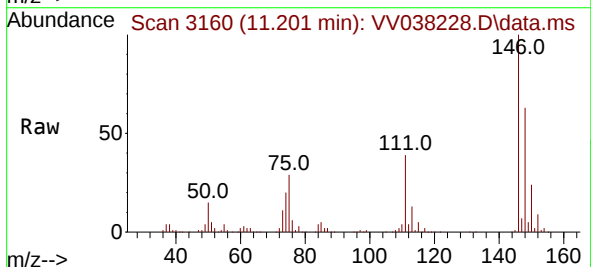
Instrument :
MSVOA_V
ClientSampleId :

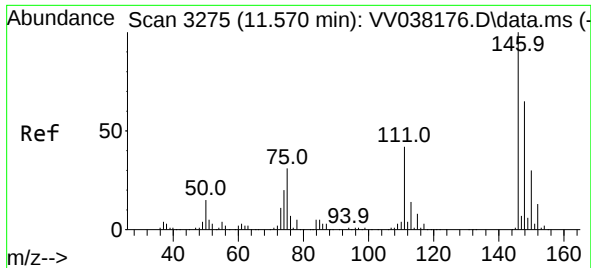
Tgt Ion:146 Resp: 219942
Ion Ratio Lower Upper
146 100
111 41.2 28.2 52.4
148 63.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.878 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

Tgt Ion:146 Resp: 229243
Ion Ratio Lower Upper
146 100
111 38.6 27.4 50.8
148 62.7 44.4 82.4

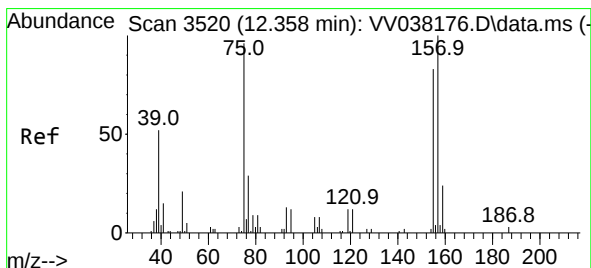
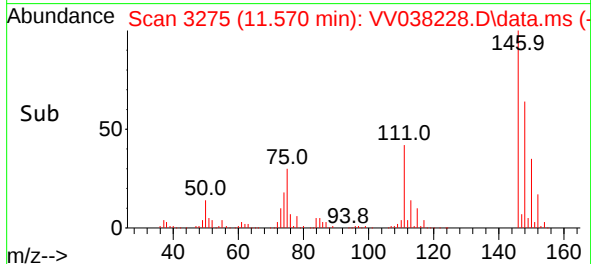
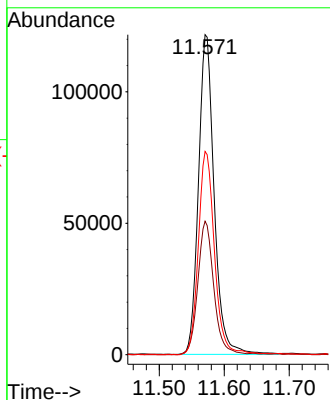
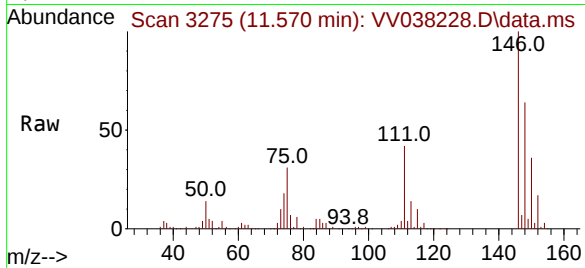




#67
1,2-Dichlorobenzene
Concen: 4.766 ug/L
RT: 11.570 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

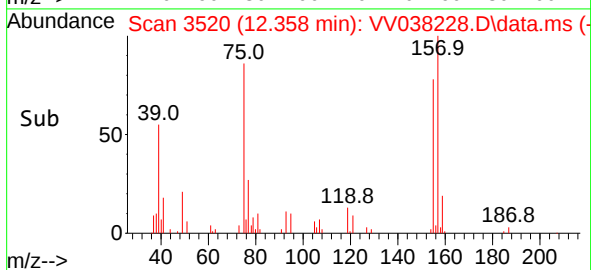
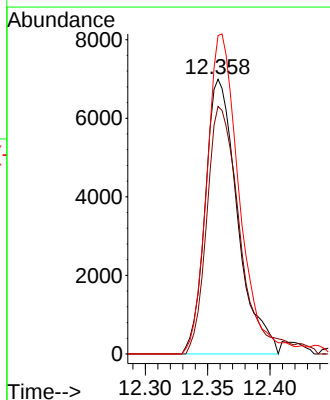
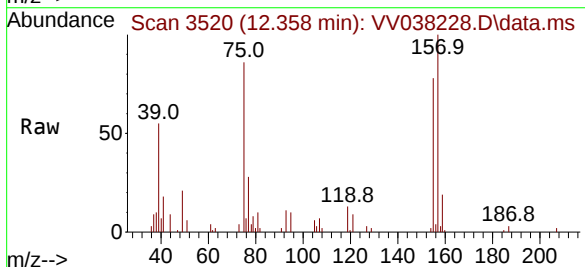
Instrument :
MSVOA_V
ClientSampleId :

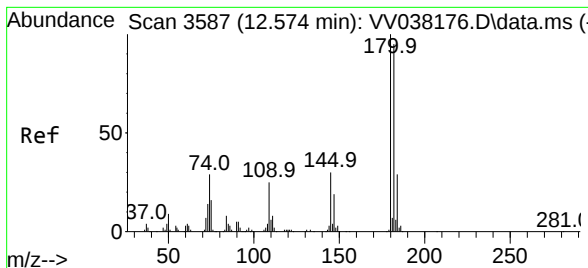
Tgt Ion:146 Resp: 205073
Ion Ratio Lower Upper
146 100
111 41.7 34.2 51.2
148 63.5 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.348 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.003 min
Lab File: VV038228.D
Acq: 21 Nov 2024 09:27

Tgt Ion: 75 Resp: 12561
Ion Ratio Lower Upper
75 100
155 90.1 67.5 101.3
157 115.9 82.7 124.1

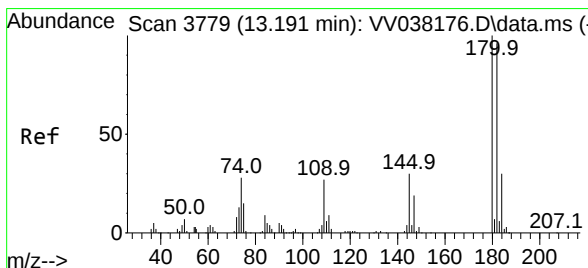
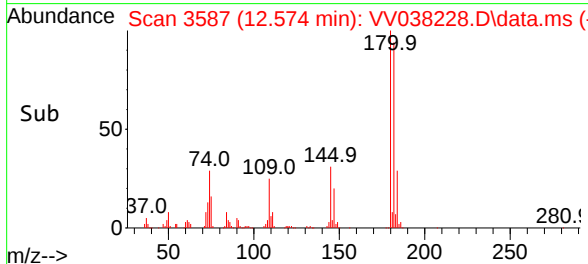
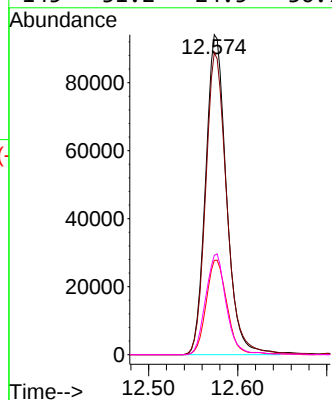
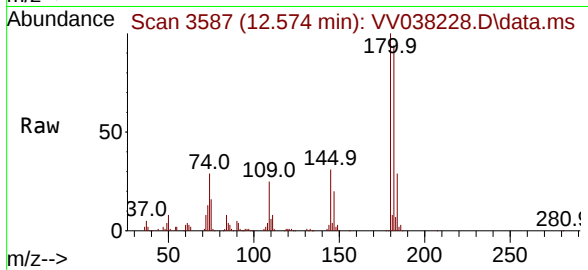




#69
 1,3,5-Trichlorobenzene
 Concen: 4.632 ug/L
 RT: 12.574 min Scan# 3587
 Delta R.T. 0.000 min
 Lab File: VV038228.D
 Acq: 21 Nov 2024 09:27

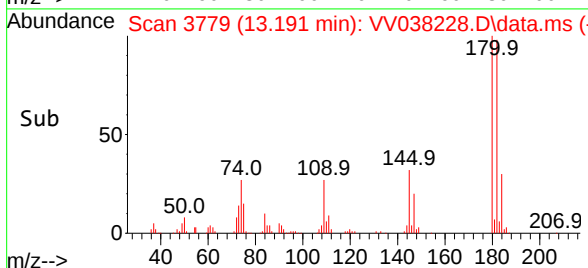
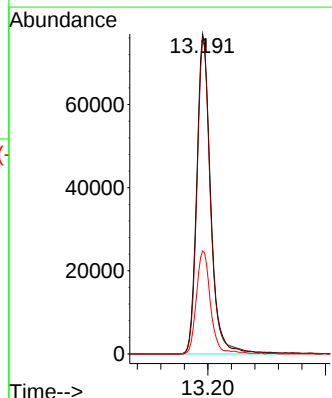
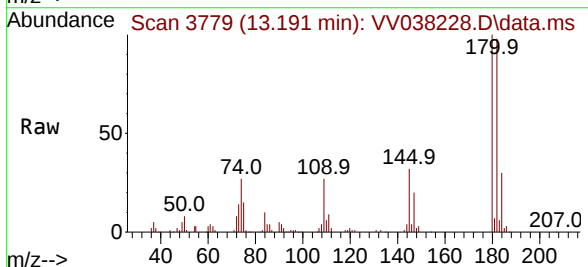
Instrument :
 MSVOA_V
 ClientSampleId :

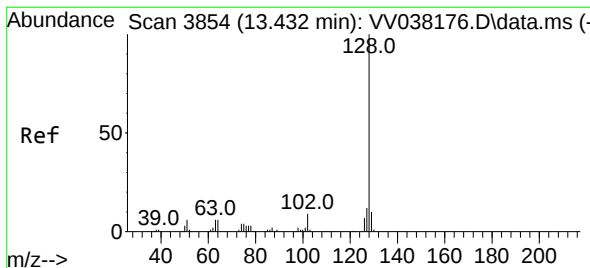
Tgt Ion:180 Resp: 152519
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.0 114.0
 184 29.2 23.7 35.5
 145 31.2 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.631 ug/L
 RT: 13.191 min Scan# 3779
 Delta R.T. 0.000 min
 Lab File: VV038228.D
 Acq: 21 Nov 2024 09:27

Tgt Ion:180 Resp: 126052
 Ion Ratio Lower Upper
 180 100
 182 96.3 73.8 110.8
 145 32.9 24.6 37.0





#71

Naphthalene

Concen: 4.340 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Instrument :

MSVOA_V

ClientSampleId :

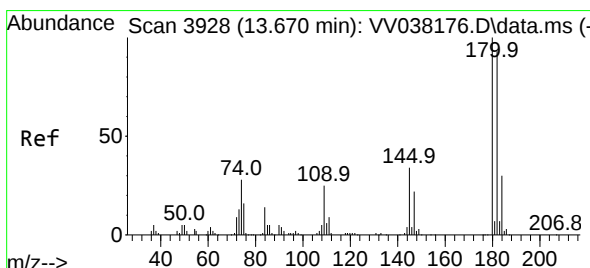
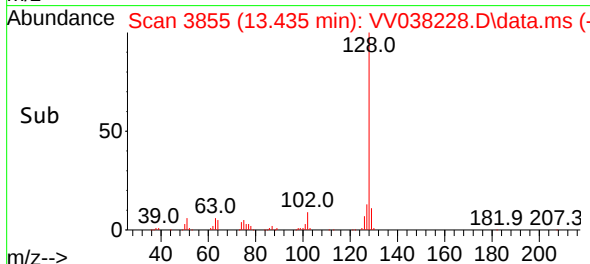
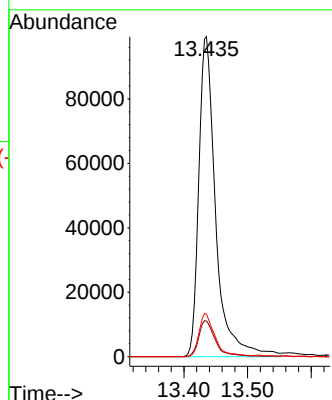
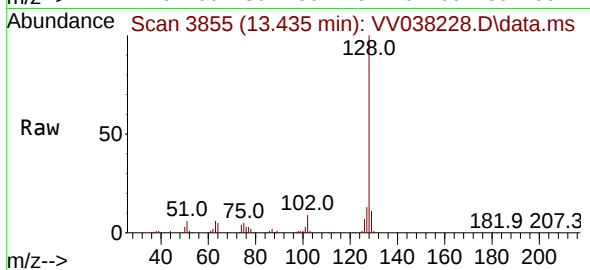
Tgt Ion:128 Resp: 183759

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 12.8 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 4.590 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV038228.D

Acq: 21 Nov 2024 09:27

Tgt Ion:180 Resp: 115436

Ion Ratio Lower Upper

180 100

182 92.3 75.1 112.7

145 33.0 27.0 40.4

