

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033607.D
 Acq On : 12 Jan 2024 19:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 12 23:49:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:30:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	130211	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	118646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	61840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34502	4.845	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.535	69	31266	4.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.059	65	15456	4.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	3.821	46	96893	55.657	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.320%
24) Chloroform-d	4.252	84	77455	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	4.947	65	35990	5.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.963	84	143873	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	5.992	67	46948	4.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.243	98	128415	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.558	79	16679	5.055	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.030	63	72587	56.030	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.060%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	30484	5.466	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	47407	4.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	59339	5.002	ug/L	97
3) Chloromethane	1.217	50	71002	4.992	ug/L	100
5) Vinyl chloride	1.285	62	68197	5.035	ug/L	99
6) Bromomethane	1.490	94	32845	4.848	ug/L	99
8) Chloroethane	1.551	64	41918	5.095	ug/L	99
9) Trichlorofluoromethane	1.715	101	85020	5.166	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	46927	5.074	ug/L	99
12) 1,1-Dichloroethene	2.072	96	45837	4.994	ug/L	97
13) Acetone	2.146	43	64371	45.547	ug/L	94
14) Carbon disulfide	2.243	76	169229	4.983	ug/L	100
15) Methyl Acetate	2.391	43	18629	5.515	ug/L	100
16) Methylene chloride	2.449	84	56451	5.211	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	114081	5.489	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	53972	5.205	ug/L	97
19) 1,1-Dichloroethane	3.114	63	105089	5.101	ug/L	99
21) 2-Butanone	3.902	43	104340	53.187	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	56911	5.242	ug/L	98
23) Bromochloromethane	4.153	128	21004	5.305	ug/L	95
25) Chloroform	4.278	83	99910	5.282	ug/L	100

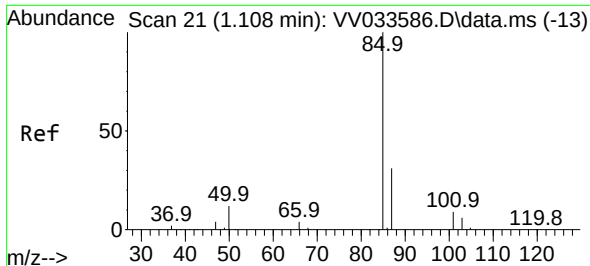
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Instrument :
 MSVOA_V
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Quant Time: Jan 12 23:49:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:30:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	56969	5.285	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	88425	5.256	ug/L	99
30) Cyclohexane	4.587	56	100950	5.007	ug/L	99
31) Carbon tetrachloride	4.738	117	74774	5.214	ug/L	98
33) Benzene	5.011	78	220330	5.231	ug/L	100
34) Trichloroethene	5.834	95	56796	5.065	ug/L	98
35) Methylcyclohexane	6.053	83	95541	5.034	ug/L	98
37) 1,2-Dichloropropane	6.095	63	54792	5.238	ug/L	98
38) Bromodichloromethane	6.436	83	68157	5.345	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	78179	5.234	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	270969	56.348	ug/L	99
42) Toluene	7.316	91	233498	5.241	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	62782	5.215	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	31337	5.392	ug/L	95
47) Tetrachloroethene	7.908	164	41218	5.116	ug/L	99
48) 2-Hexanone	8.079	43	192127	54.537	ug/L	99
49) Dibromochloromethane	8.178	129	39050	5.396	ug/L	98
50) 1,2-Dibromoethane	8.284	107	29158	5.435	ug/L	92
51) Chlorobenzene	8.815	112	141994	5.203	ug/L	99
52) Ethylbenzene	8.947	91	265784	5.147	ug/L	100
53) m,p-Xylene	9.075	106	96680	5.082	ug/L	100
54) o-Xylene	9.477	106	95708	5.169	ug/L	97
55) Styrene	9.496	104	154710	5.243	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	36371	5.702	ug/L	98
59) Bromoform	9.667	173	19678	5.272	ug/L	98
60) Isopropylbenzene	9.866	105	244614	5.000	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	26217	5.289	ug/L	93
62) 1,3,5-Trimethylbenzene	10.477	105	212447	5.026	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	217793	5.103	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	110213	5.093	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	105003	4.956	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	95628	5.085	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5929	5.442	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	82473	4.909	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	65593	4.687	ug/L	100
71) Naphthalene	13.442	128	84927	3.636	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	52828	4.707	ug/L	99

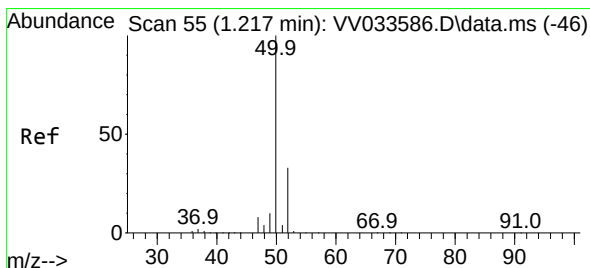
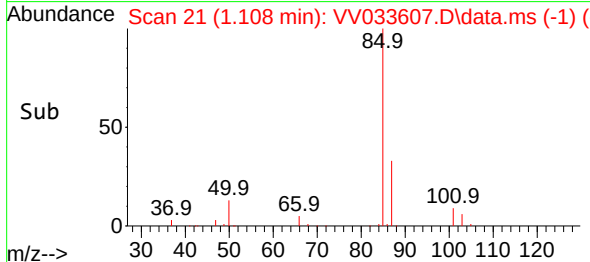
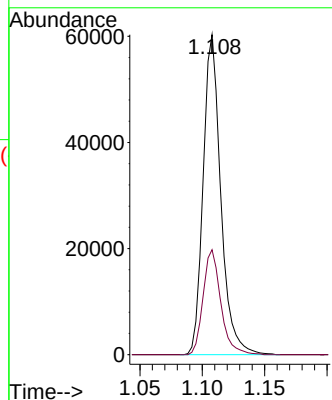
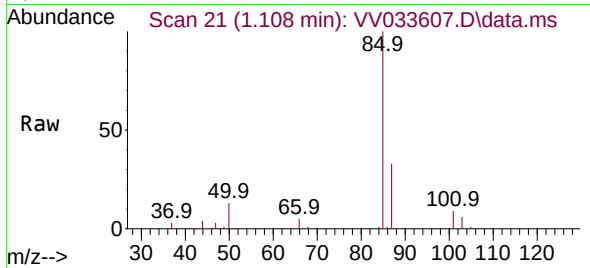
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#2
Dichlorodifluoromethane
Concen: 5.002 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033607.D
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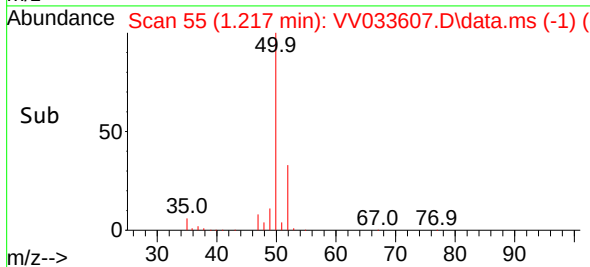
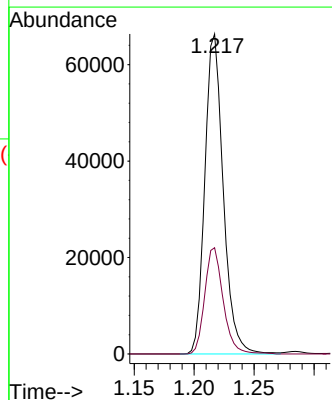
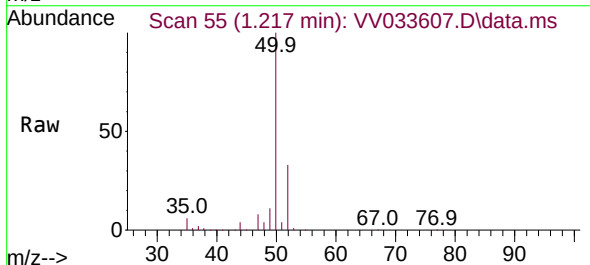
Instrument :
MSVOA_V
ClientSampleId :

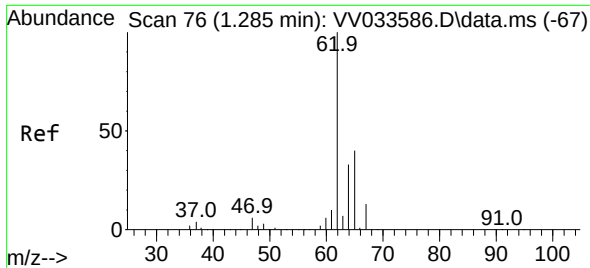
Tgt Ion: 85 Resp: 59339
Ion Ratio Lower Upper
85 100
87 32.9 25.2 37.8



#3
Chloromethane
Concen: 4.992 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Tgt Ion: 50 Resp: 71002
Ion Ratio Lower Upper
50 100
52 33.2 23.1 42.9

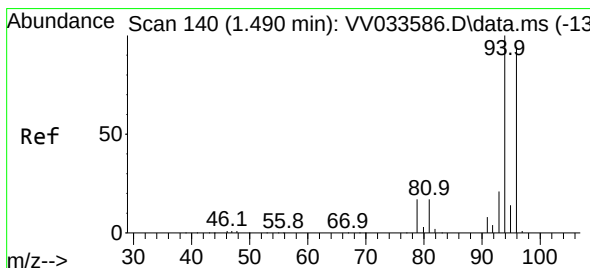
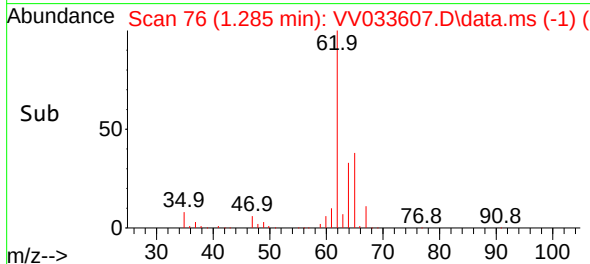
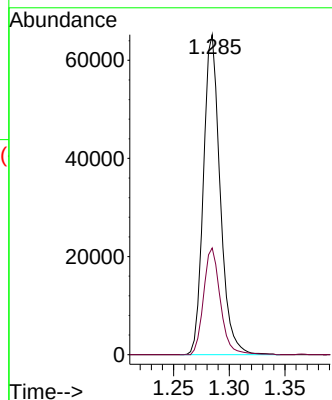
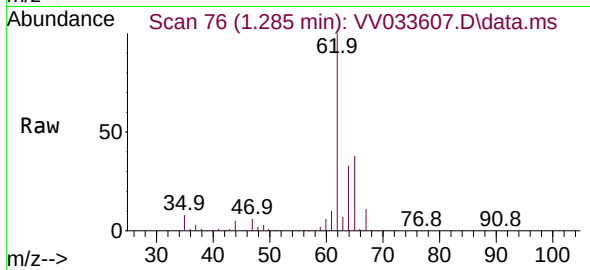




#5
 Vinyl chloride
 Concen: 5.035 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033607.D
 Acq: 12 Jan 2024 19:54

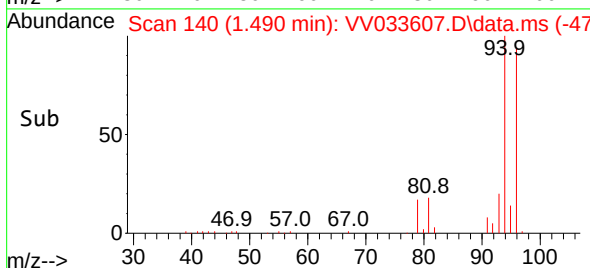
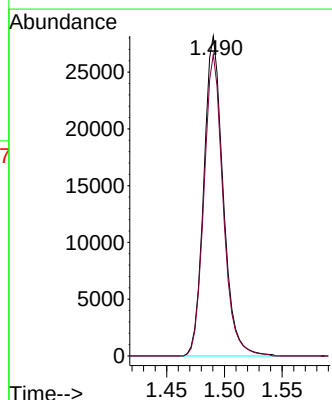
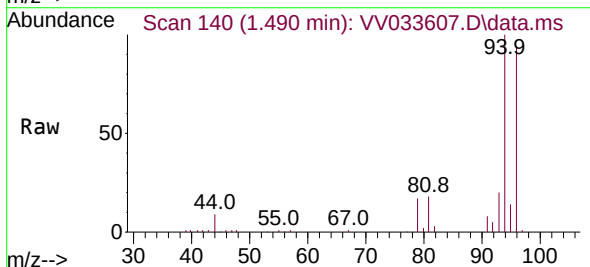
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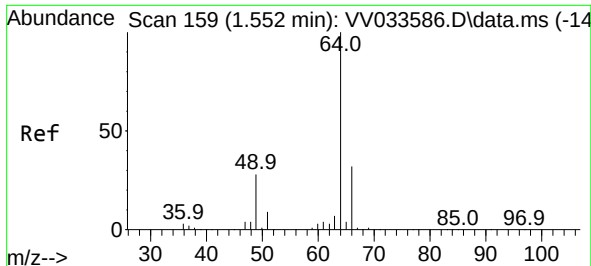
Tgt Ion: 62 Resp: 68197
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.0 42.8



#6
 Bromomethane
 Concen: 4.848 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV033607.D
 Acq: 12 Jan 2024 19:54

Tgt Ion: 94 Resp: 32845
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.5 121.6

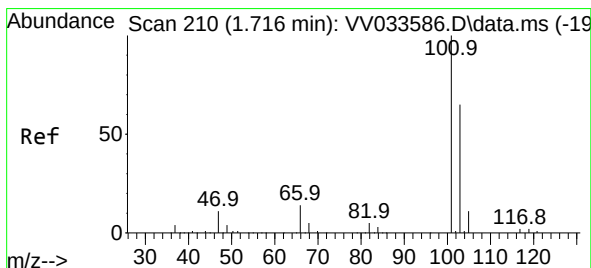
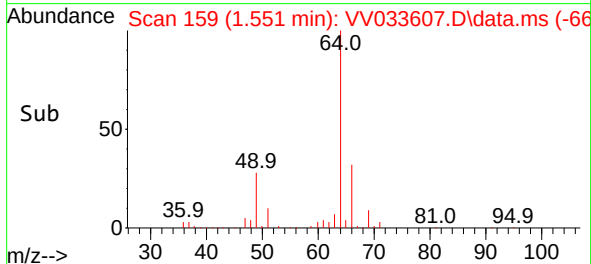
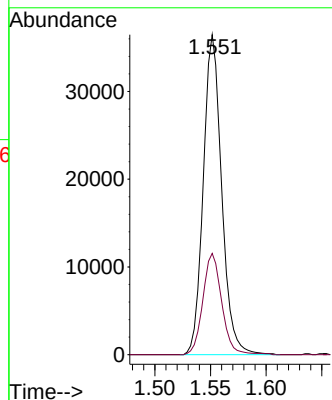
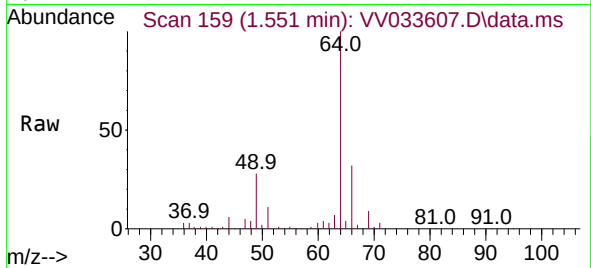




#8
Chloroethane
Concen: 5.095 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

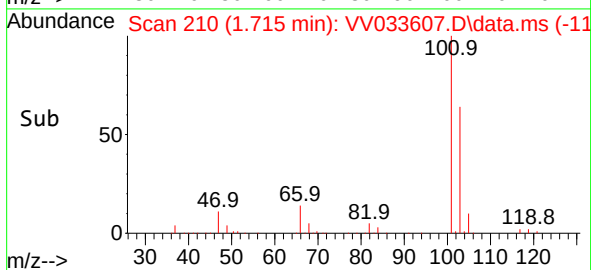
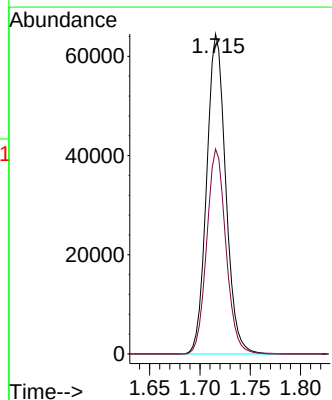
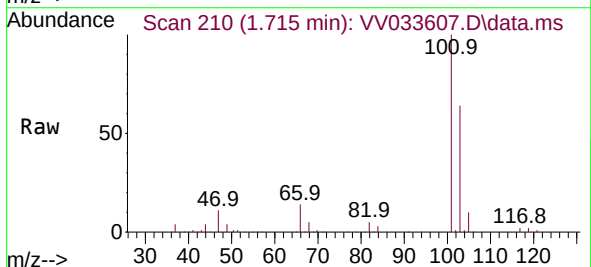
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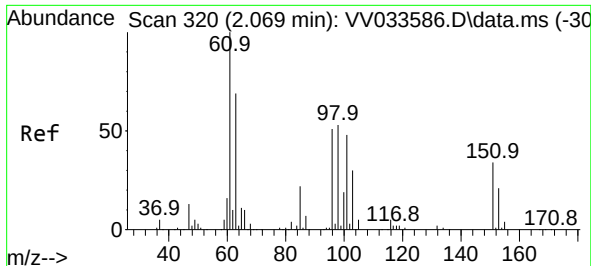
Tgt Ion: 64 Resp: 41918
Ion Ratio Lower Upper
64 100
66 31.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.166 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Tgt Ion:101 Resp: 85020
Ion Ratio Lower Upper
101 100
103 64.4 52.1 78.1

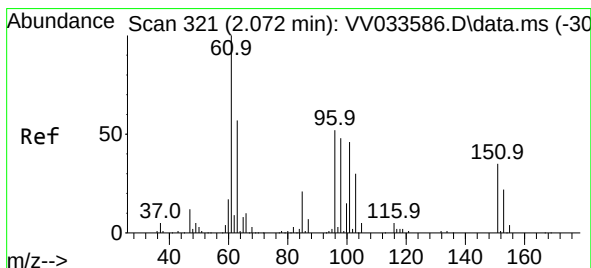
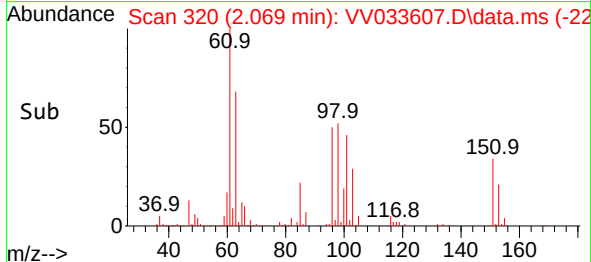
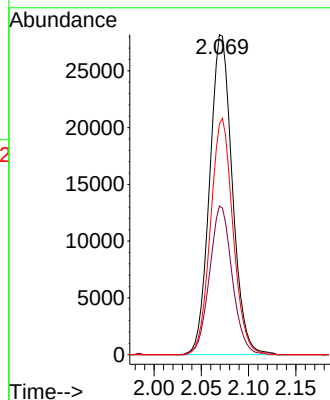
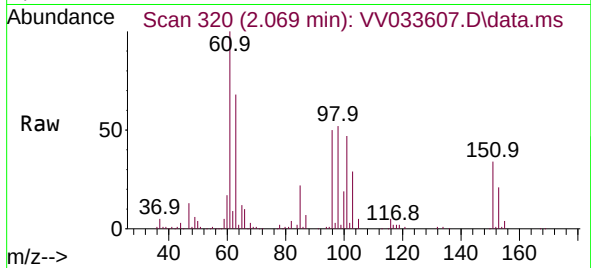




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.074 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033607.D
 Acq: 12 Jan 2024 19:54

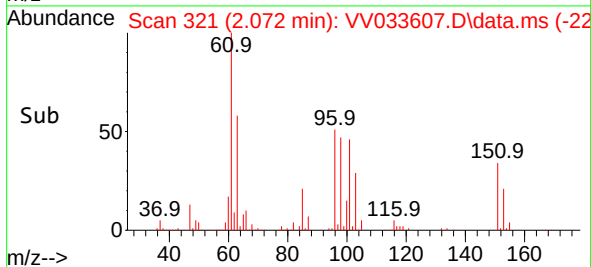
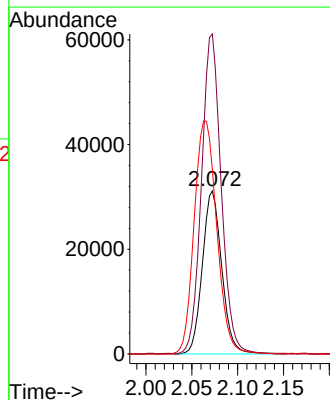
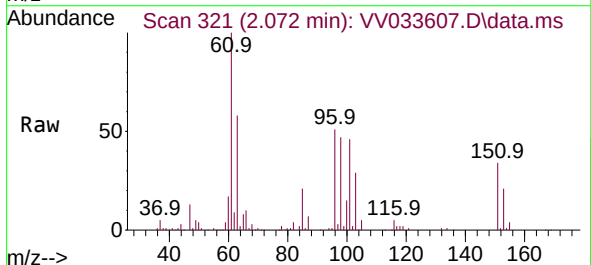
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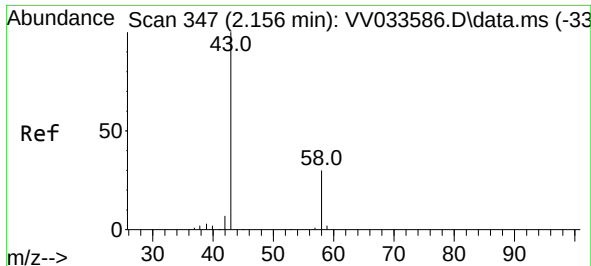
Tgt Ion:101 Resp: 46927
 Ion Ratio Lower Upper
 101 100
 85 46.5 36.4 54.6
 151 73.3 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 4.994 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033607.D
 Acq: 12 Jan 2024 19:54

Tgt Ion: 96 Resp: 45837
 Ion Ratio Lower Upper
 96 100
 61 196.2 133.8 248.4
 63 113.1 77.2 143.4





#13

Acetone

Concen: 45.547 ug/L

RT: 2.146 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

Instrument :

MSVOA_V

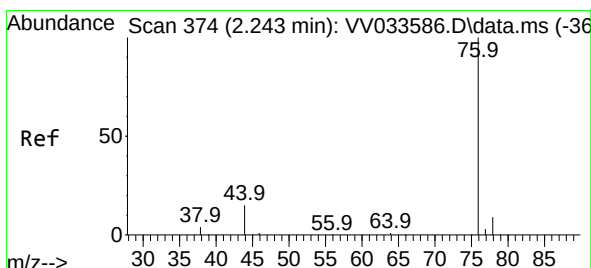
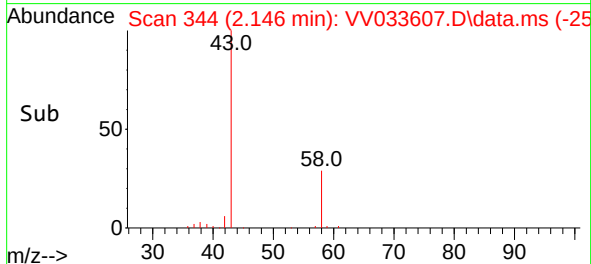
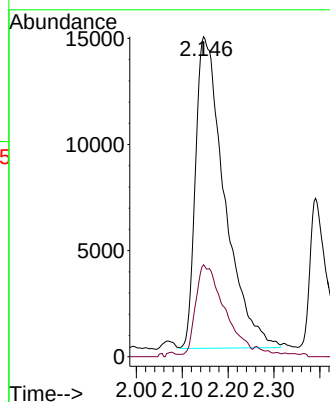
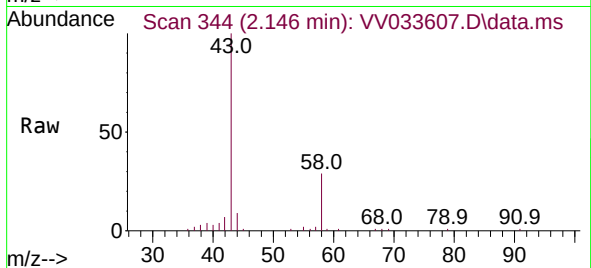
ClientSampleId :

Tgt Ion: 43 Resp: 64371

Ion Ratio Lower Upper

43 100

58 28.4 0.0 51.0



#14

Carbon disulfide

Concen: 4.983 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033607.D

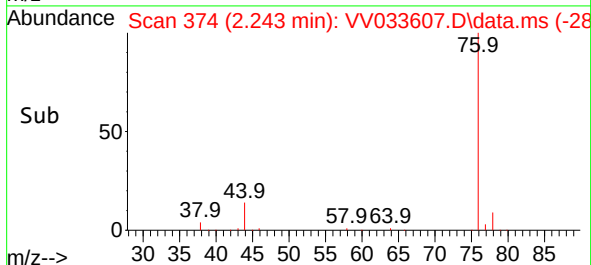
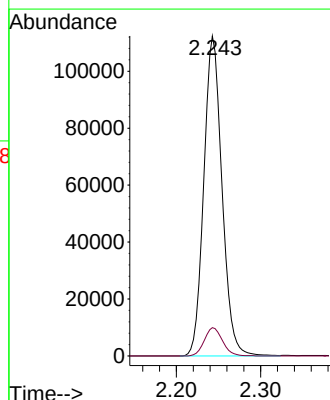
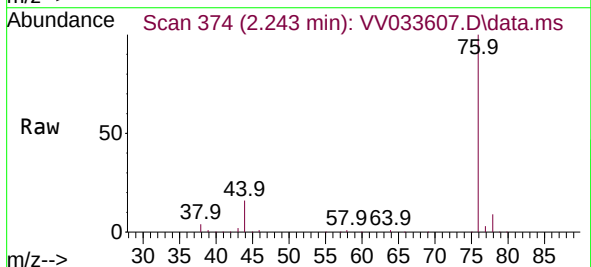
Acq: 12 Jan 2024 19:54

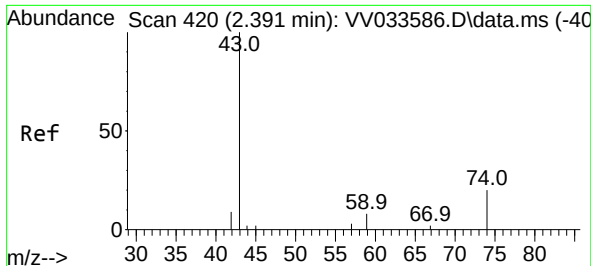
Tgt Ion: 76 Resp: 169229

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

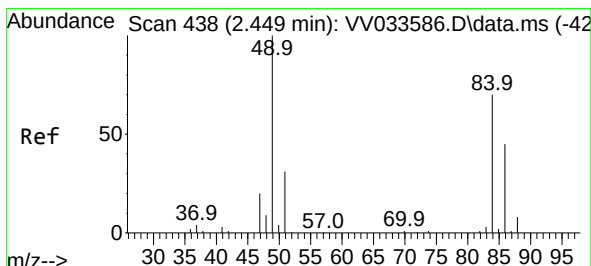
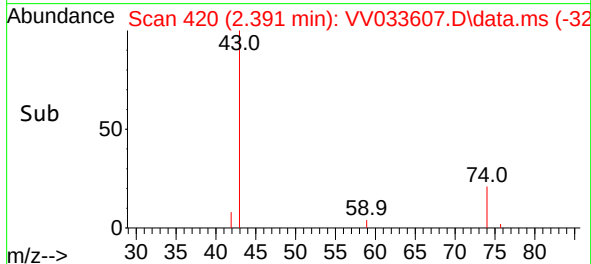
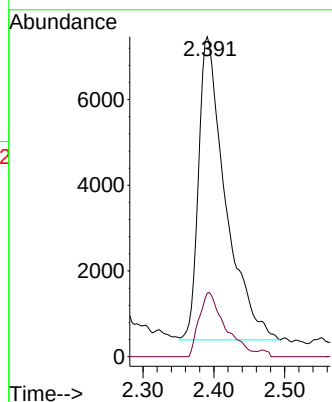
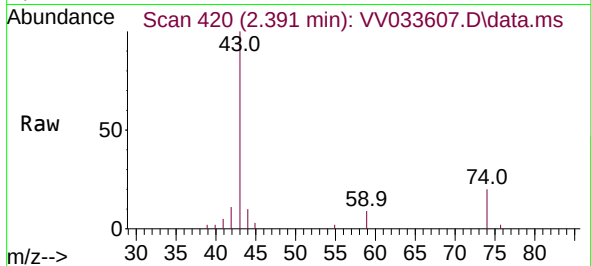




#15
Methyl Acetate
Concen: 5.515 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

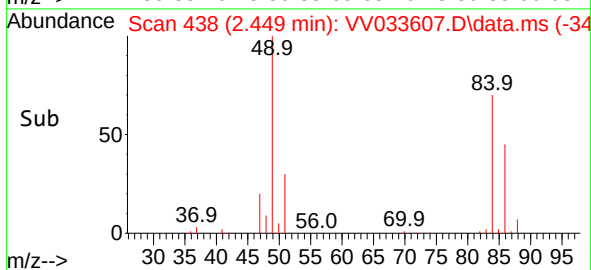
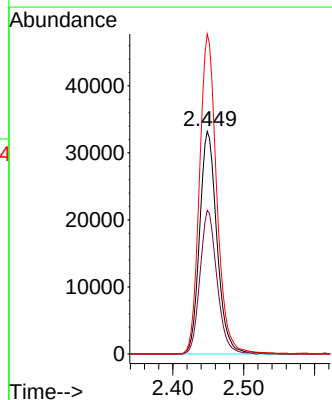
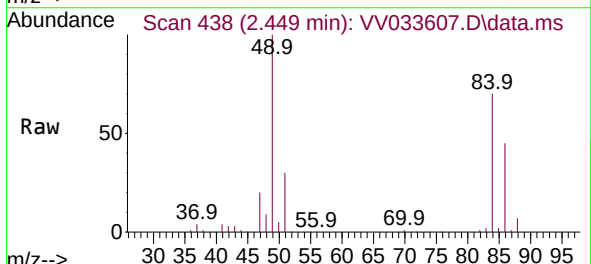
Instrument :
MSVOA_V
ClientSampleId :

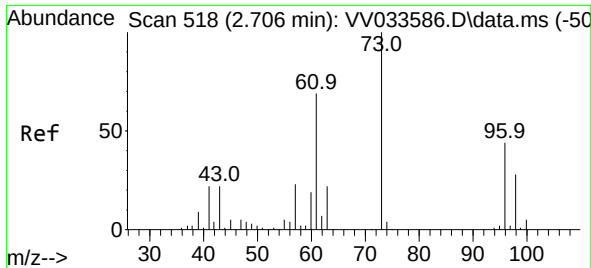
Tgt Ion: 43 Resp: 18629
Ion Ratio Lower Upper
43 100
74 20.7 16.6 24.8



#16
Methylene chloride
Concen: 5.211 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Tgt Ion: 84 Resp: 56451
Ion Ratio Lower Upper
84 100
86 64.6 45.5 84.5
49 143.8 100.3 186.3

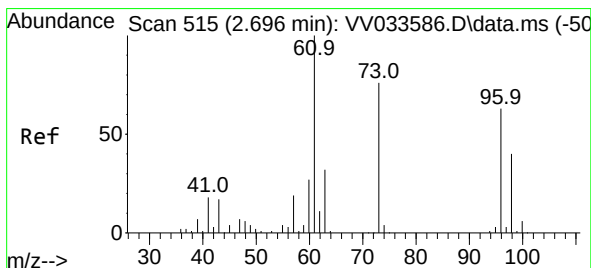
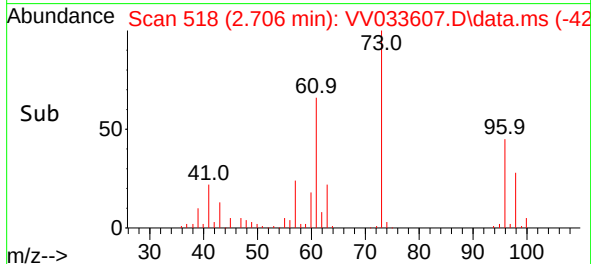
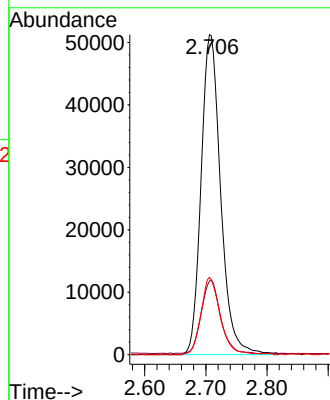
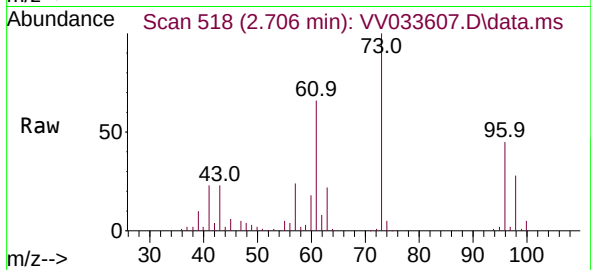




#17
Methyl tert-butyl Ether
Concen: 5.489 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

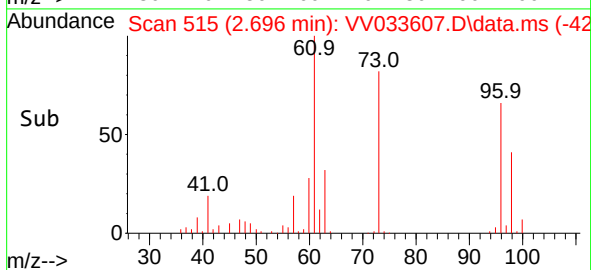
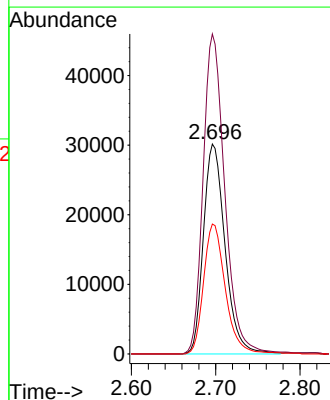
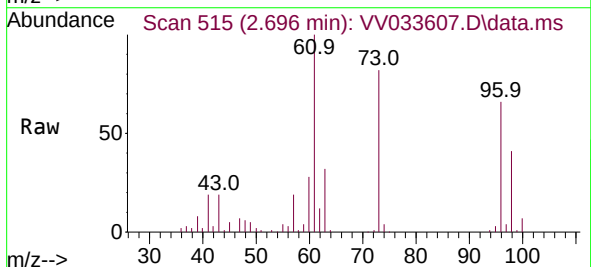
Instrument :
MSVOA_V
ClientSampleId :

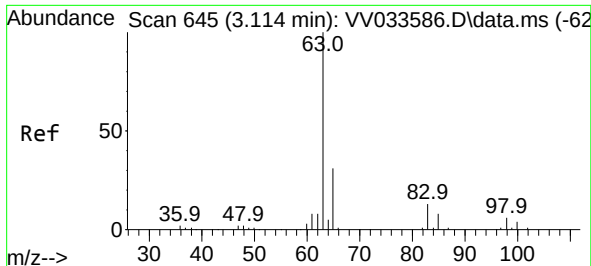
Tgt Ion: 73 Resp: 114081
Ion Ratio Lower Upper
73 100
43 22.4 17.7 26.5
57 23.7 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 5.205 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Tgt Ion: 96 Resp: 53972
Ion Ratio Lower Upper
96 100
61 152.4 110.4 205.0
98 61.9 44.1 81.9





#19

1,1-Dichloroethane

Concen: 5.101 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

Instrument :

MSVOA_V

ClientSampleId :

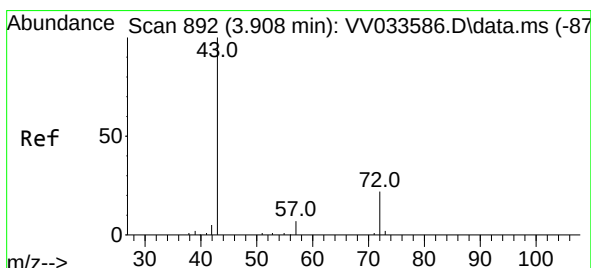
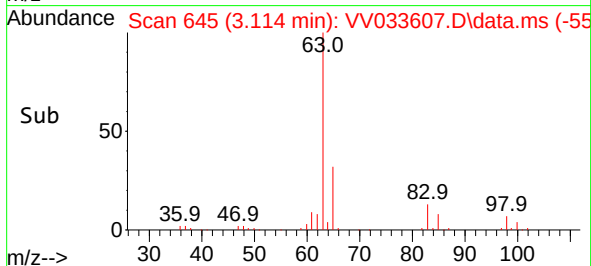
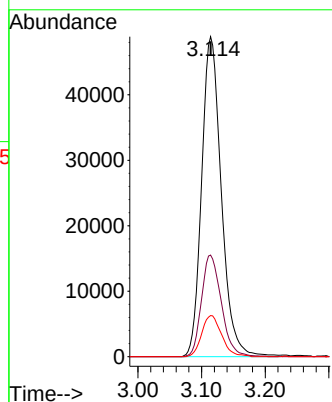
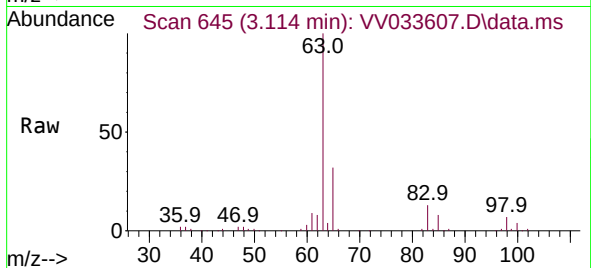
Tgt Ion: 63 Resp: 105089

Ion Ratio Lower Upper

63 100

65 31.8 21.6 40.2

83 12.9 9.1 16.9



#21

2-Butanone

Concen: 53.187 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.007 min

Lab File: VV033607.D

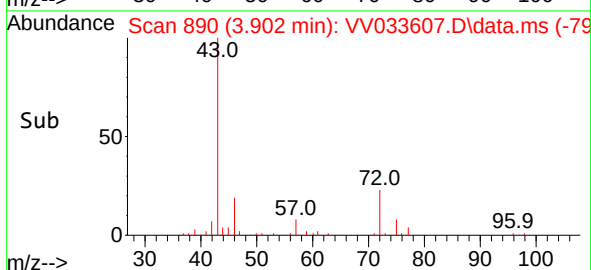
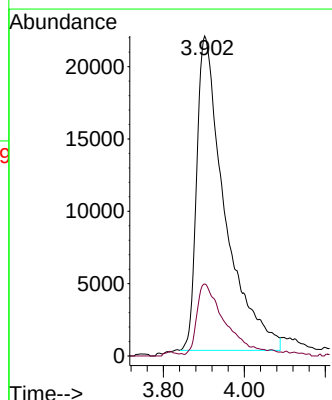
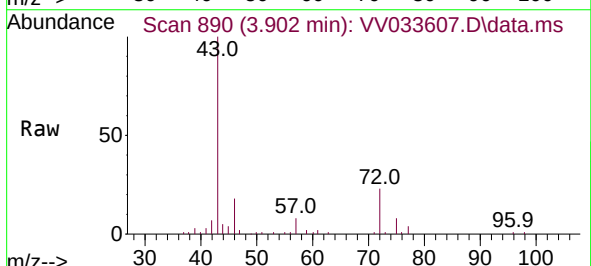
Acq: 12 Jan 2024 19:54

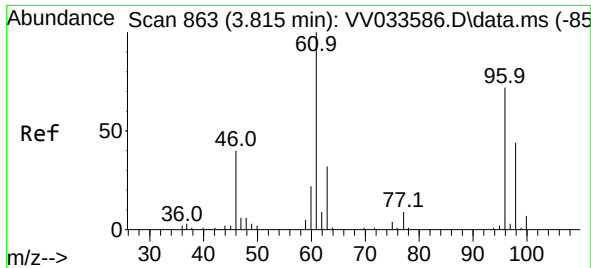
Tgt Ion: 43 Resp: 104340

Ion Ratio Lower Upper

43 100

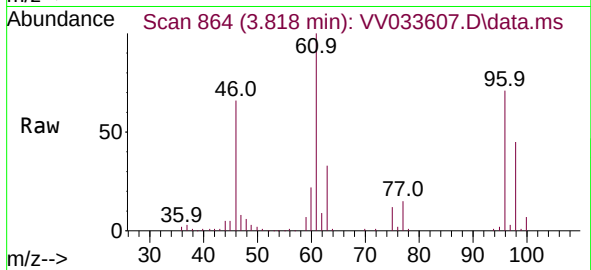
72 22.5 10.5 31.6



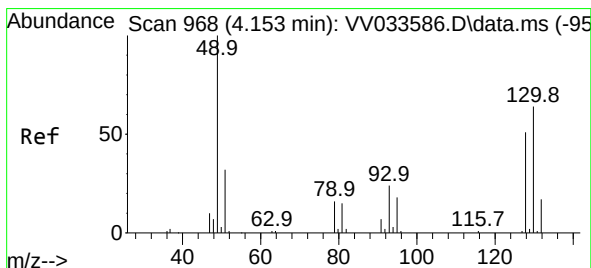
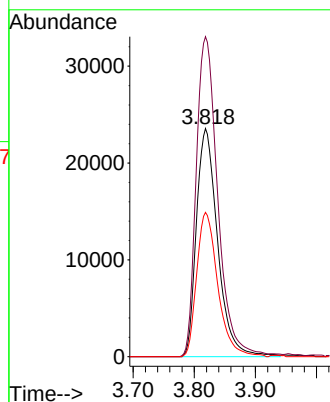
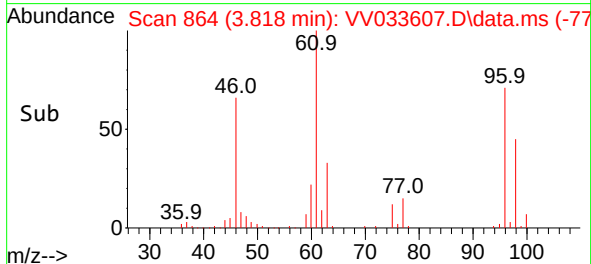


#22
 cis-1,2-Dichloroethene
 Concen: 5.242 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033607.D
 Acq: 12 Jan 2024 19:54

Instrument :
 MSVOA_V
 ClientSampleId :

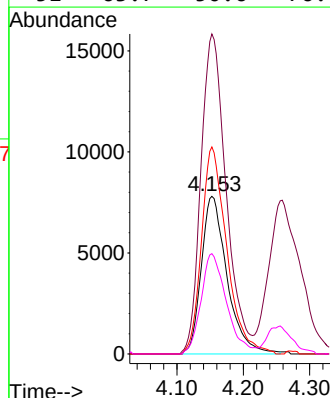
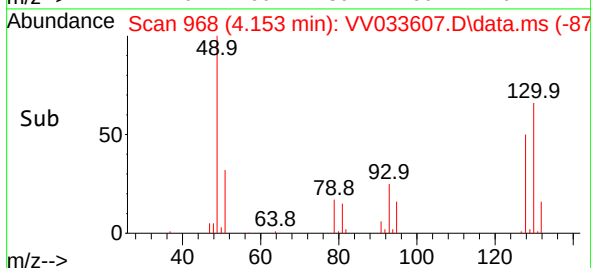
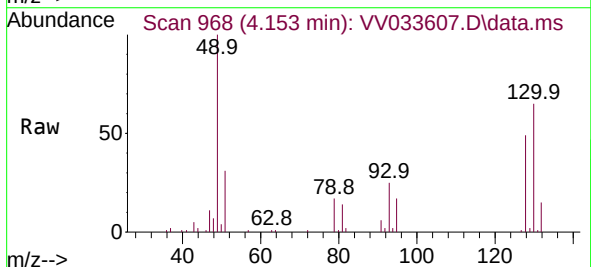


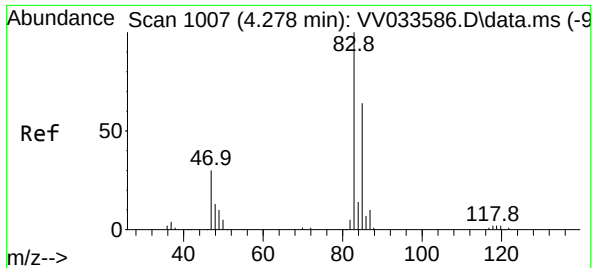
Tgt Ion: 96 Resp: 56911
 Ion Ratio Lower Upper
 96 100
 61 140.2 97.1 180.3
 98 63.3 42.6 79.0



#23
 Bromochloromethane
 Concen: 5.305 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VV033607.D
 Acq: 12 Jan 2024 19:54

Tgt Ion: 128 Resp: 21004
 Ion Ratio Lower Upper
 128 100
 49 203.0 136.4 253.2
 130 131.4 87.5 162.5
 51 63.7 50.6 76.0

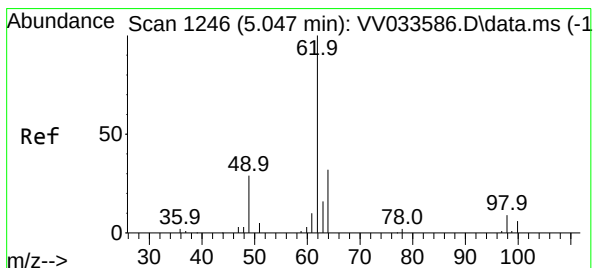
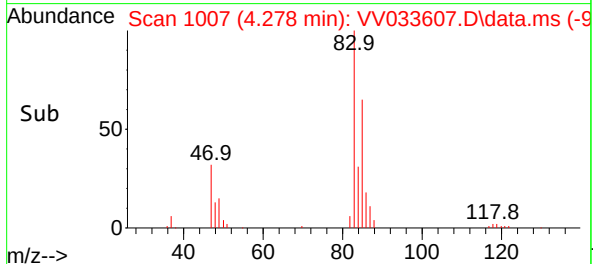
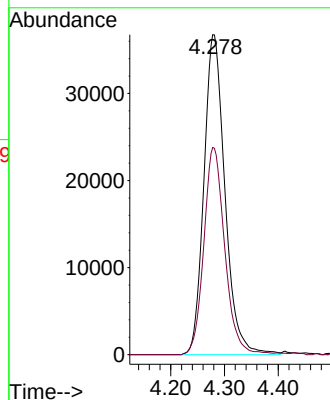
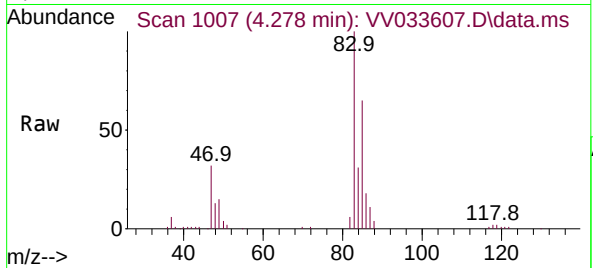




#25
Chloroform
Concen: 5.282 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

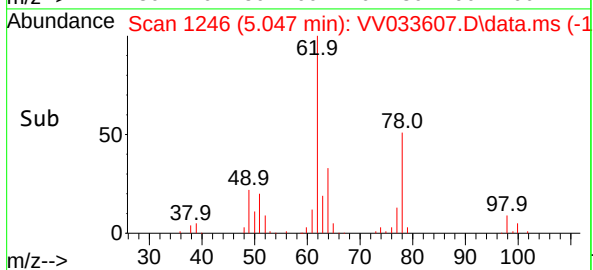
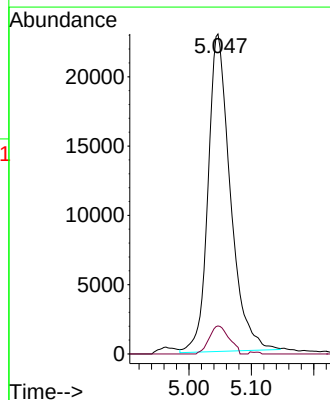
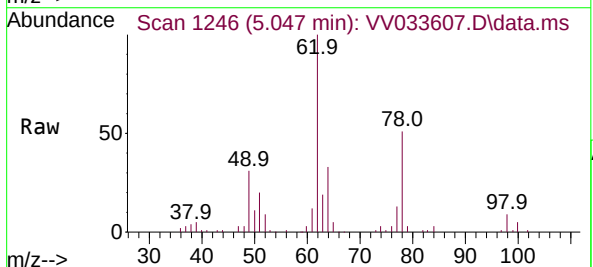
Instrument :
MSVOA_V
ClientSampleId :

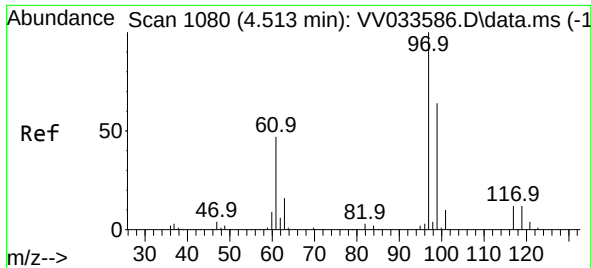
Tgt Ion: 83 Resp: 99910
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.9



#27
1,2-Dichloroethane
Concen: 5.285 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Tgt Ion: 62 Resp: 56969
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.256 ug/L

RT: 4.513 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

Instrument :

MSVOA_V

ClientSampleId :

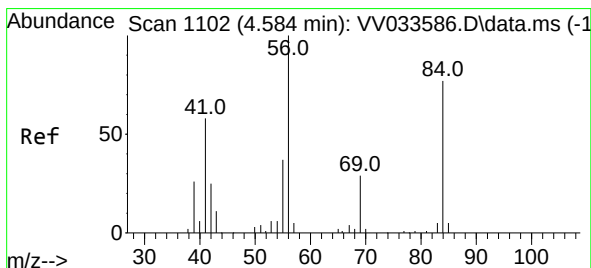
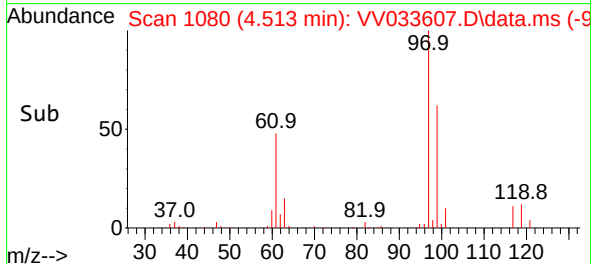
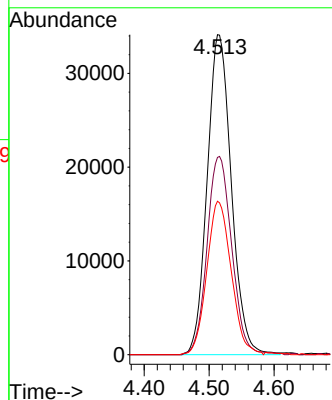
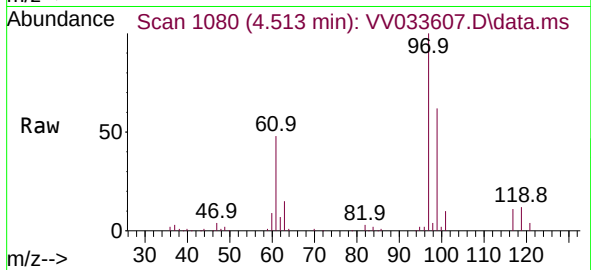
Tgt Ion: 97 Resp: 88425

Ion Ratio Lower Upper

97 100

99 63.2 50.8 76.2

61 48.4 38.1 57.1



#30

Cyclohexane

Concen: 5.007 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

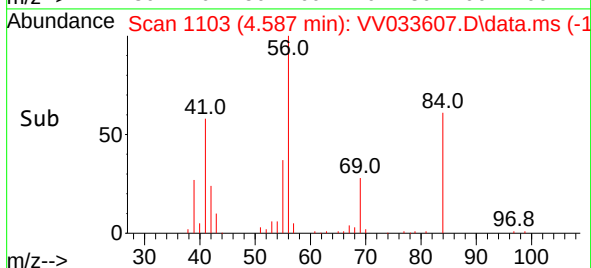
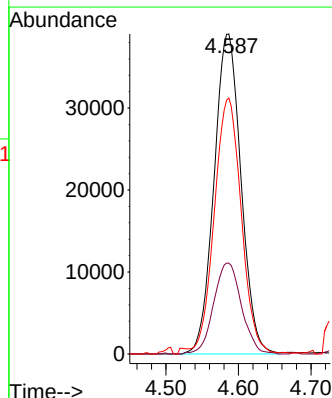
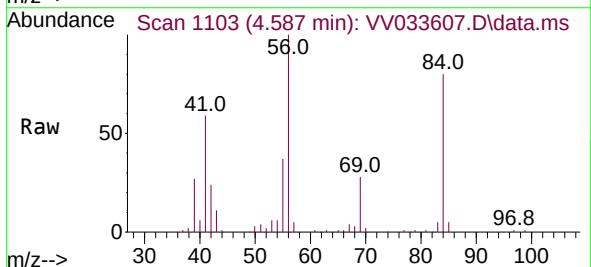
Tgt Ion: 56 Resp: 100950

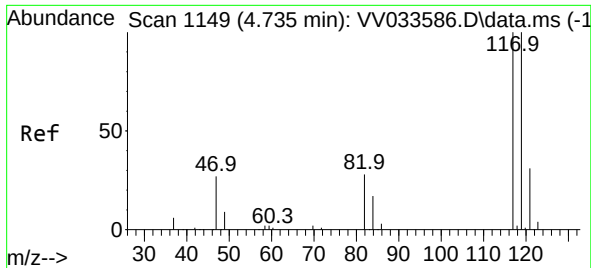
Ion Ratio Lower Upper

56 100

69 29.2 23.3 34.9

84 78.7 61.7 92.5

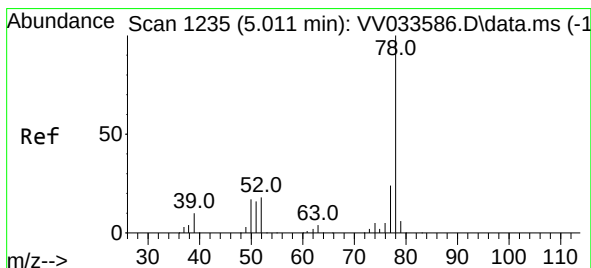
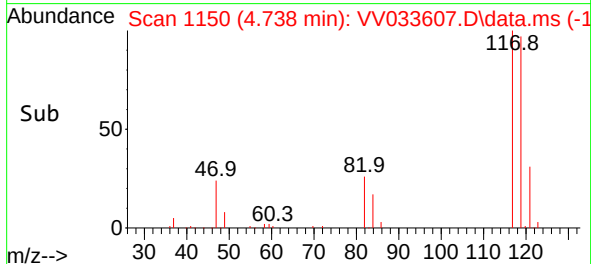
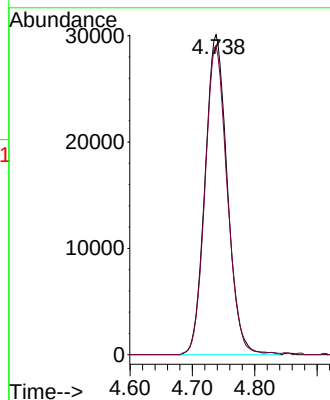
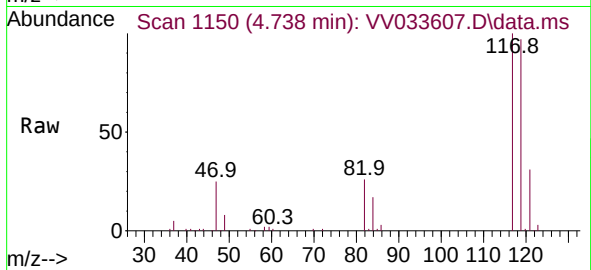




#31
Carbon tetrachloride
Concen: 5.214 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

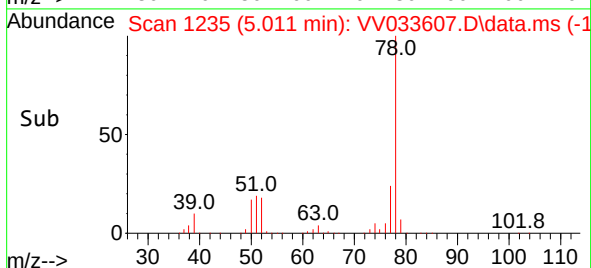
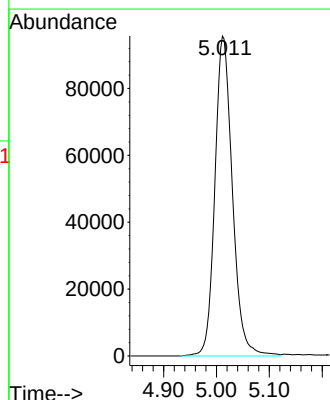
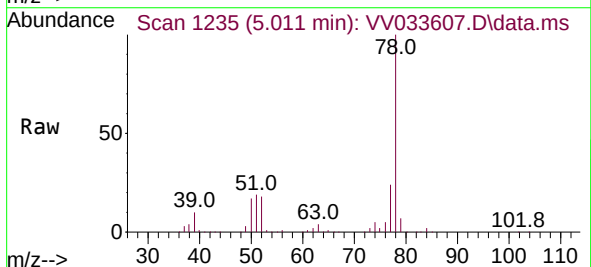
Instrument :
MSVOA_V
ClientSampleId :

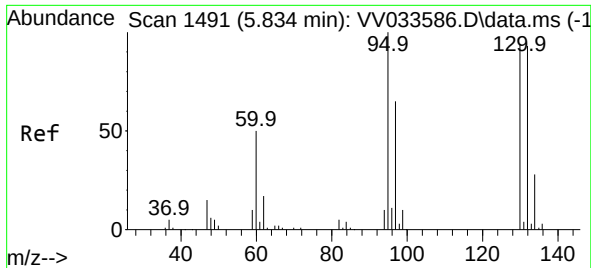
Tgt Ion:117 Resp: 74774
Ion Ratio Lower Upper
117 100
119 96.1 78.3 117.5



#33
Benzene
Concen: 5.231 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

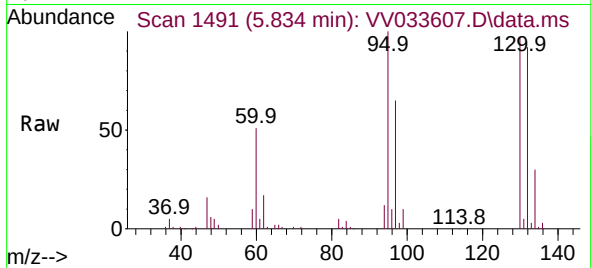
Tgt Ion: 78 Resp: 220330





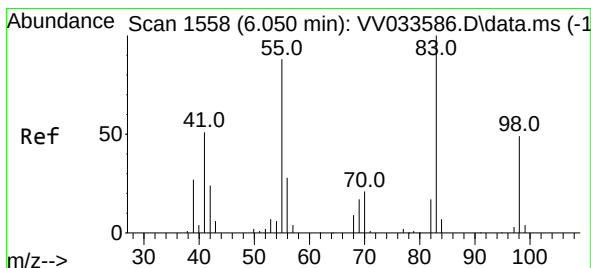
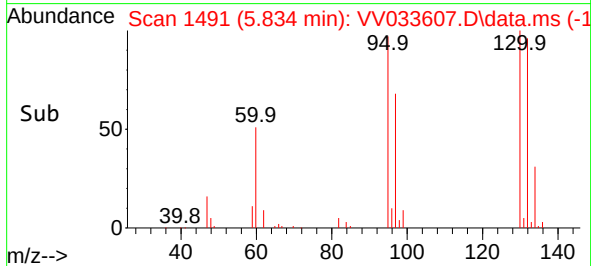
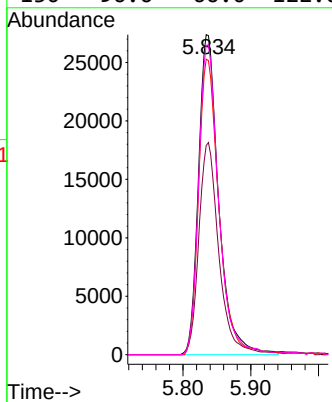
#34
Trichloroethene
Concen: 5.065 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 56796

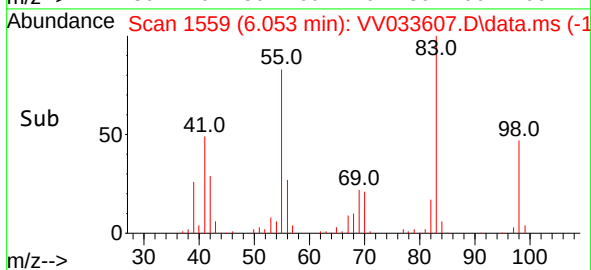
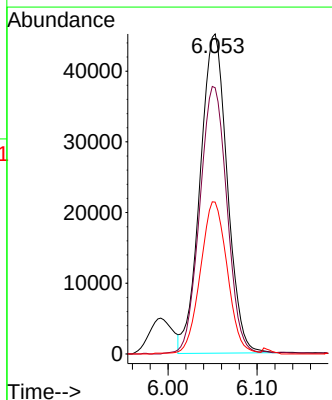
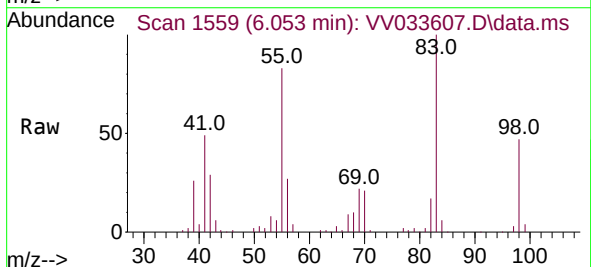
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.1	83.9
132	92.4	65.2	121.2
130	96.6	66.0	122.6

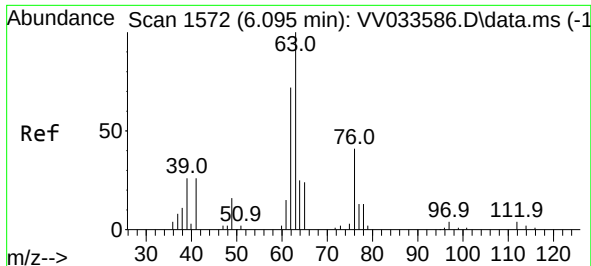


#35
Methylcyclohexane
Concen: 5.034 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Tgt Ion: 83 Resp: 95541

Ion	Ratio	Lower	Upper
83	100		
55	84.1	68.7	103.1
98	46.4	38.3	57.5





#37

1,2-Dichloropropane

Concen: 5.238 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

Instrument :

MSVOA_V

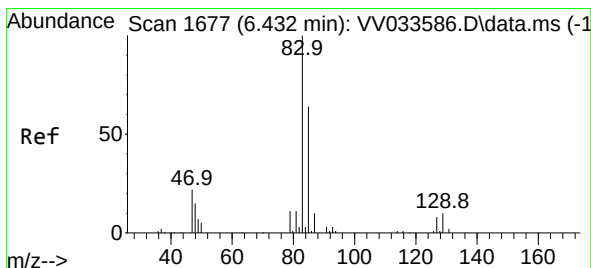
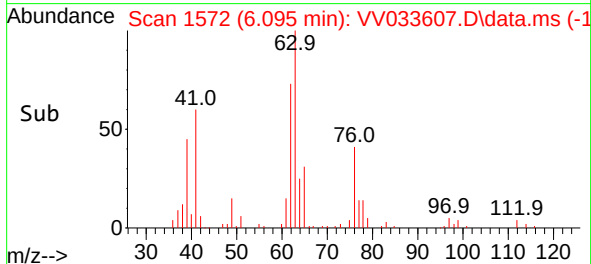
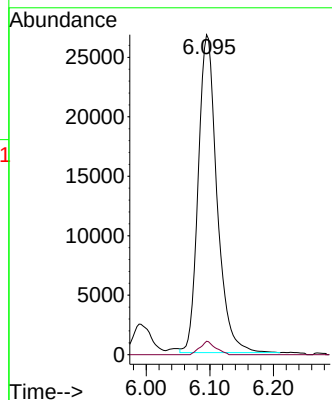
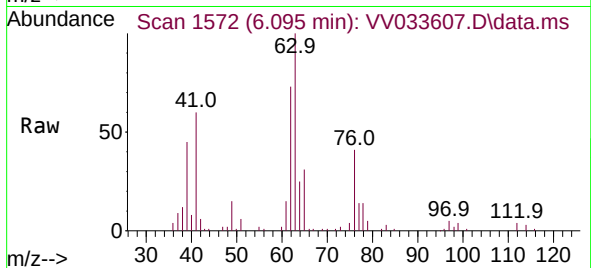
ClientSampleId :

Tgt Ion: 63 Resp: 54792

Ion Ratio Lower Upper

63 100

112 3.5 3.4 5.2



#38

Bromodichloromethane

Concen: 5.345 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

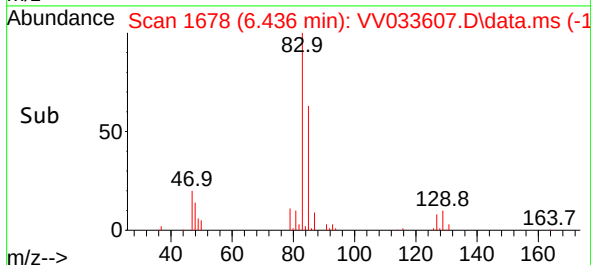
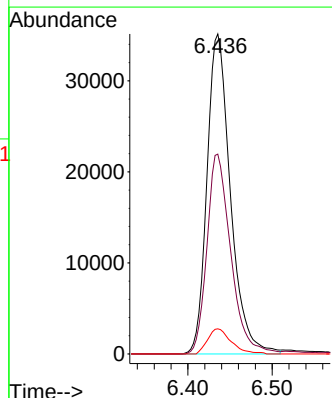
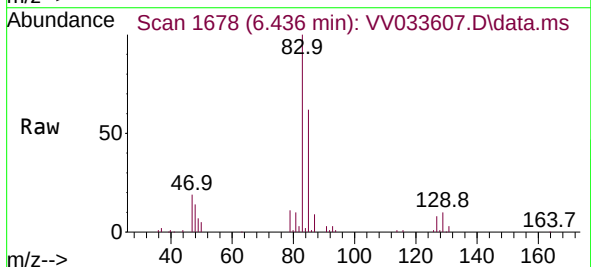
Tgt Ion: 83 Resp: 68157

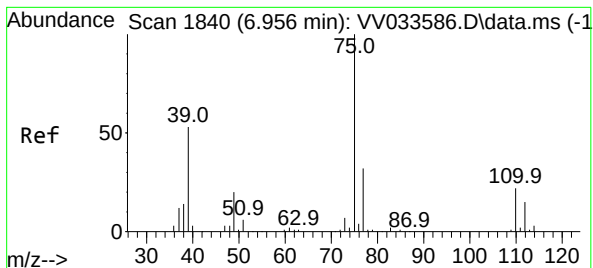
Ion Ratio Lower Upper

83 100

85 62.4 45.1 83.9

127 7.8 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.234 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

Instrument :

MSVOA_V

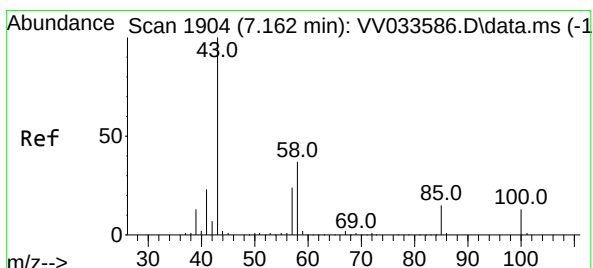
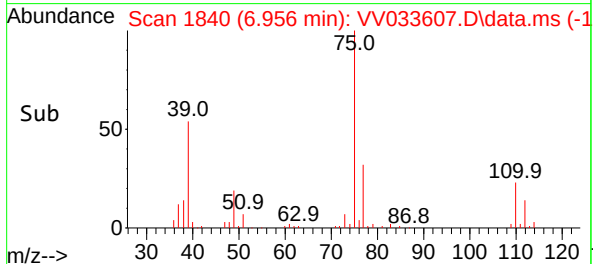
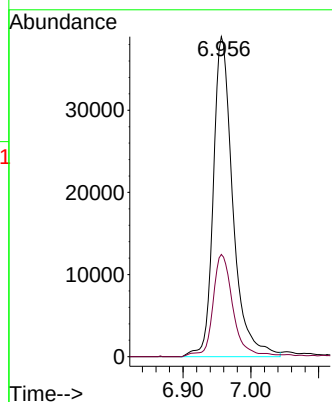
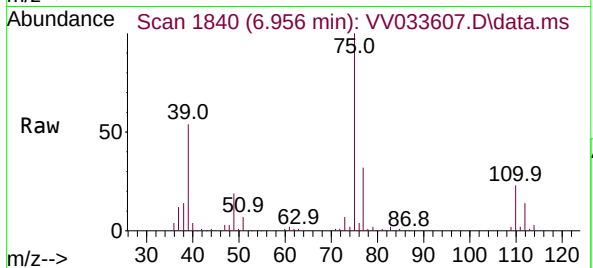
ClientSampleId :

Tgt Ion: 75 Resp: 78179

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 56.348 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

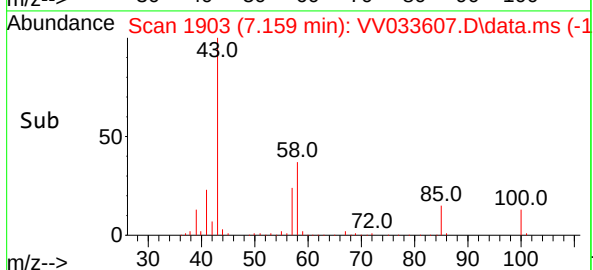
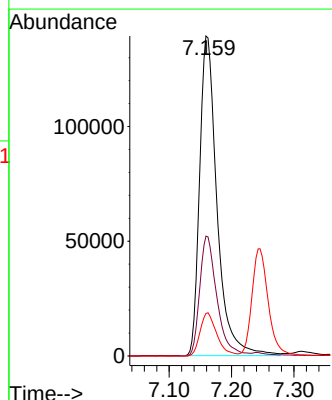
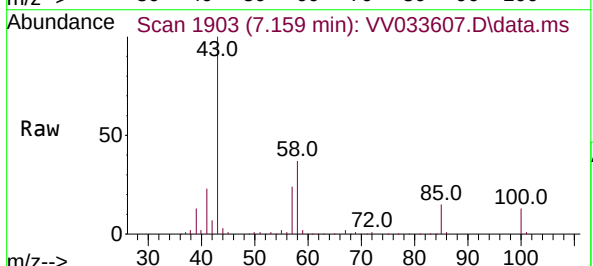
Tgt Ion: 43 Resp: 270969

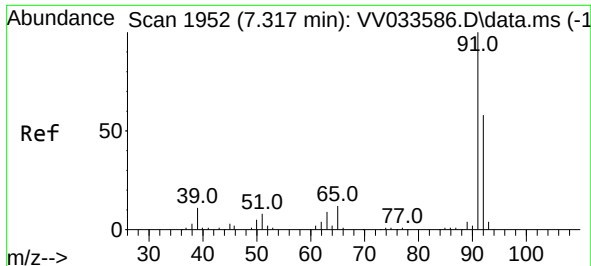
Ion Ratio Lower Upper

43 100

58 36.9 29.9 44.9

100 13.0 9.9 14.9





#42

Toluene

Concen: 5.241 ug/L

RT: 7.316 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

Instrument :

MSVOA_V

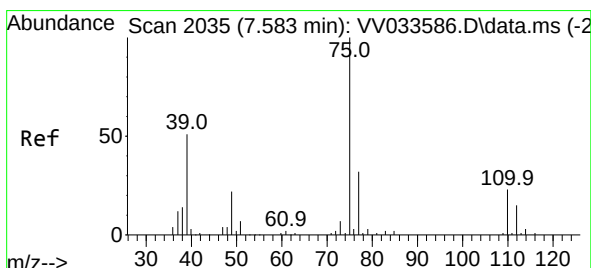
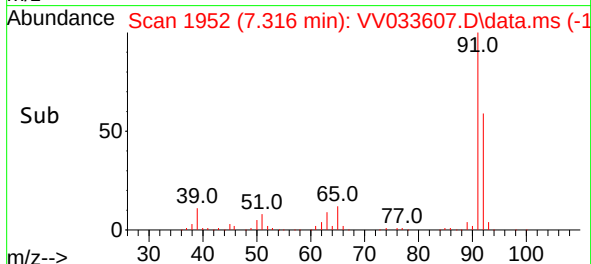
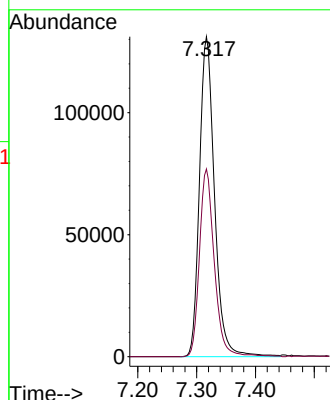
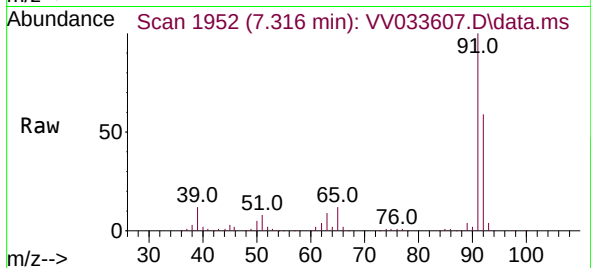
ClientSampleId :

Tgt Ion: 91 Resp: 233498

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.215 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV033607.D

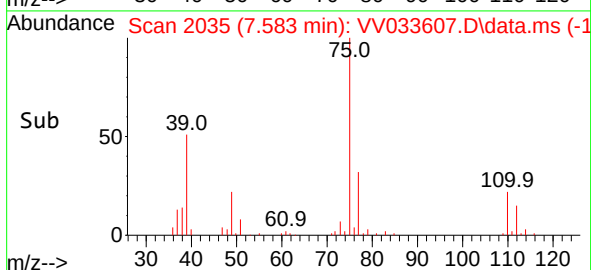
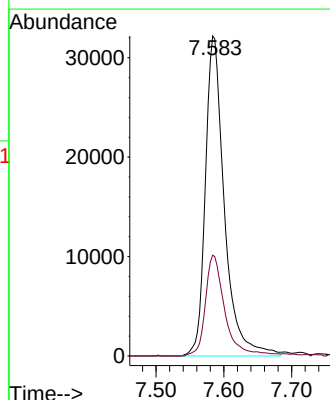
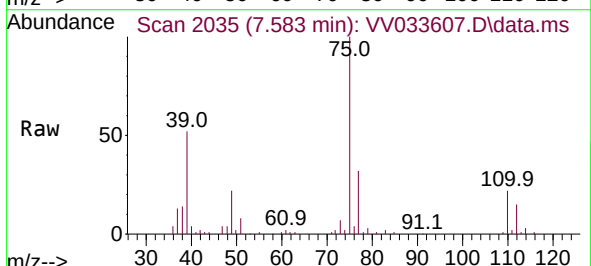
Acq: 12 Jan 2024 19:54

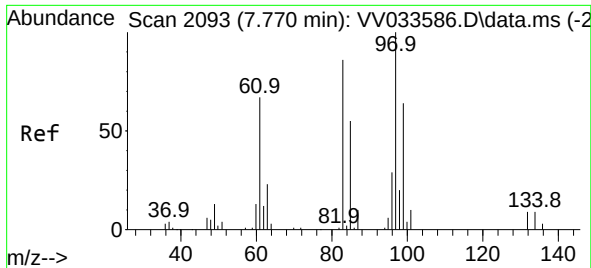
Tgt Ion: 75 Resp: 62782

Ion Ratio Lower Upper

75 100

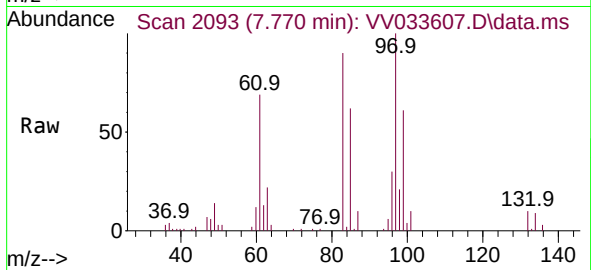
77 31.5 22.5 41.7



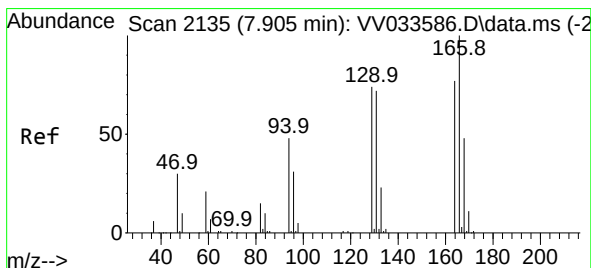
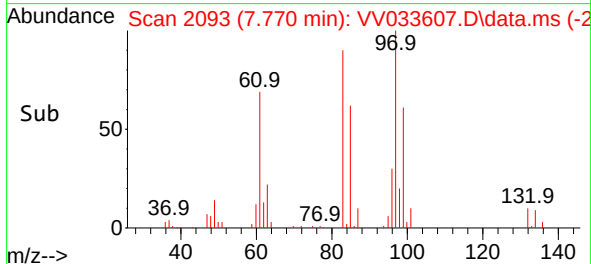
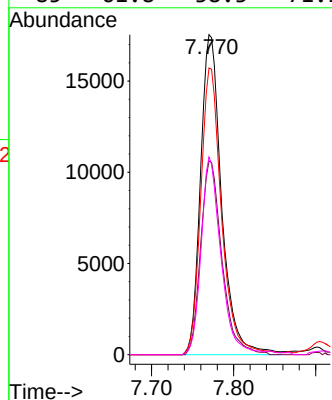


#45
1,1,2-Trichloroethane
Concen: 5.392 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Instrument :
MSVOA_V
ClientSampleId :

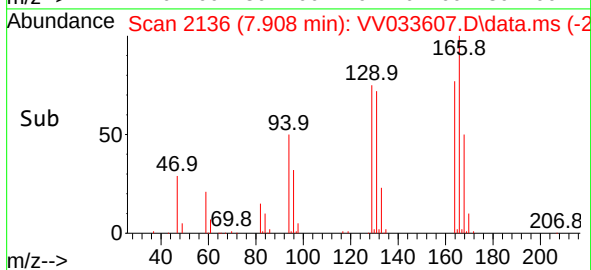
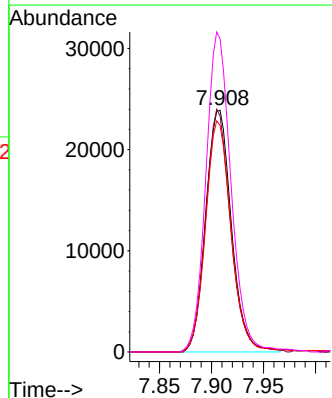
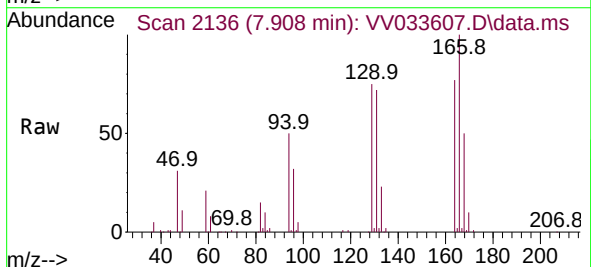


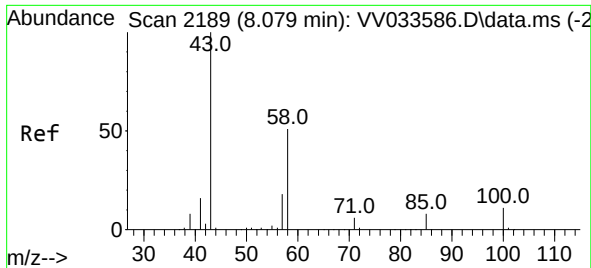
Tgt Ion:	97	Resp:	31337
Ion	Ratio	Lower	Upper
97	100		
99	60.6	44.9	83.3
83	89.6	60.5	112.3
85	61.8	38.3	71.1



#47
Tetrachloroethene
Concen: 5.116 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

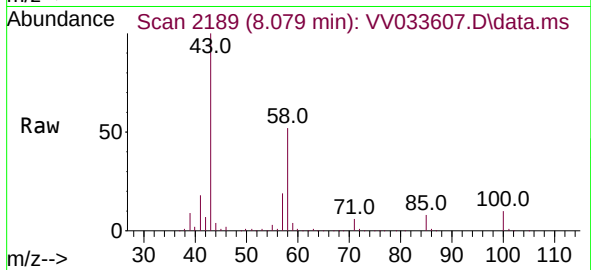
Tgt Ion:	164	Resp:	41218
Ion	Ratio	Lower	Upper
164	100		
129	97.7	67.1	124.7
131	93.8	65.0	120.6
166	129.6	90.8	168.6



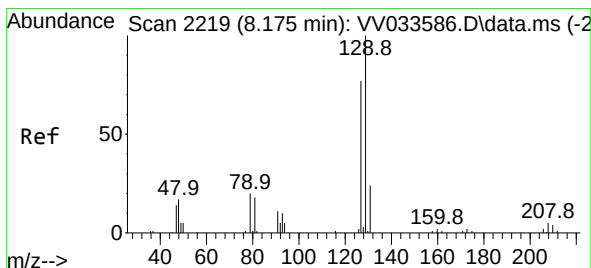
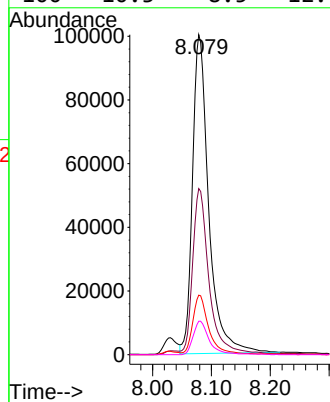
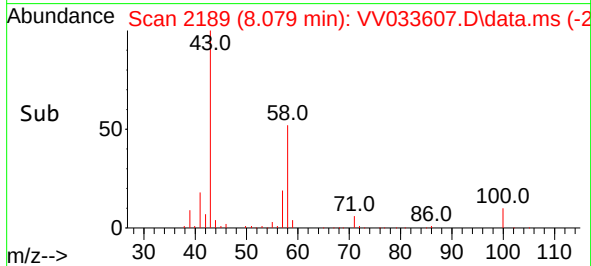


#48
2-Hexanone
Concen: 54.537 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Instrument :
MSVOA_V
ClientSampleId :

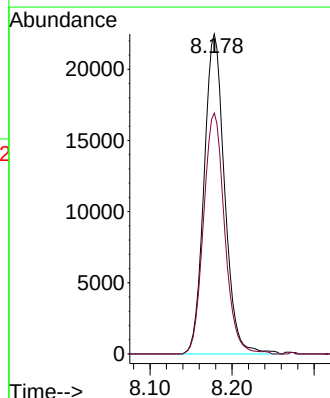
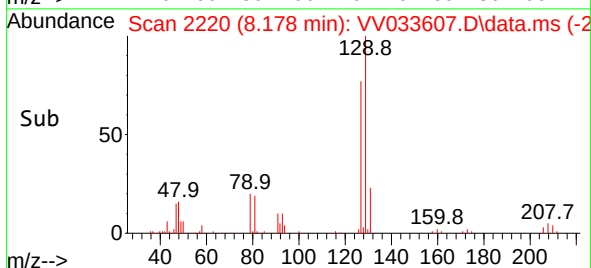
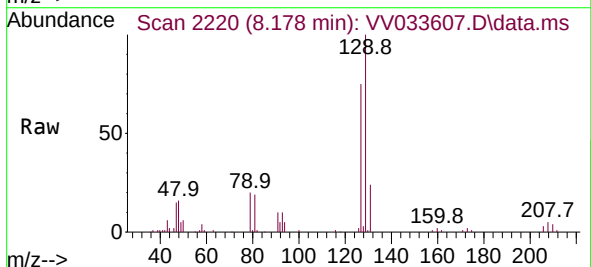


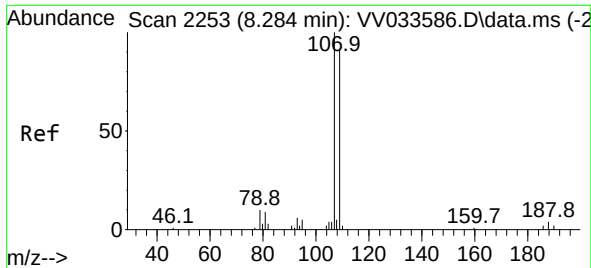
Tgt Ion: 43 Resp: 192127
Ion Ratio Lower Upper
43 100
58 51.6 40.6 61.0
57 18.0 13.8 20.8
100 10.3 8.5 12.7



#49
Dibromochloromethane
Concen: 5.396 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Tgt Ion: 129 Resp: 39050
Ion Ratio Lower Upper
129 100
127 75.2 53.6 99.6



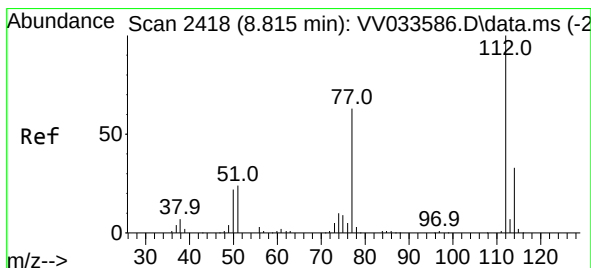
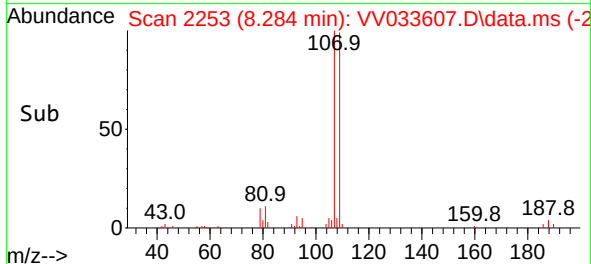
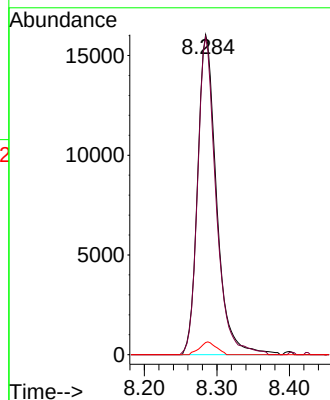
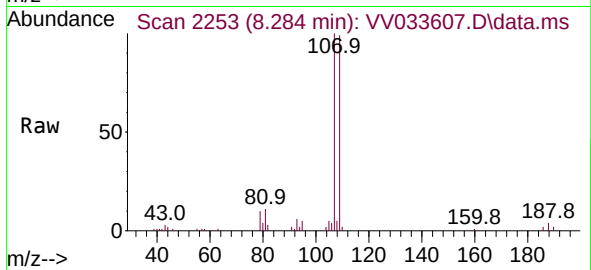


#50
 1,2-Dibromoethane
 Concen: 5.435 ug/L
 RT: 8.284 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033607.D
 Acq: 12 Jan 2024 19:54

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:107 Resp: 29158

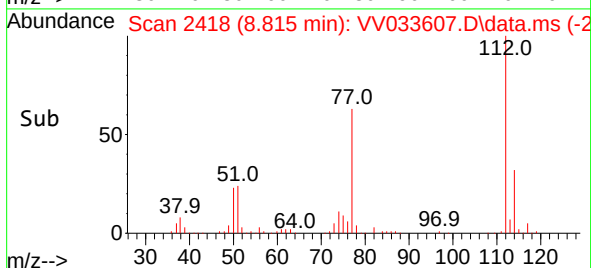
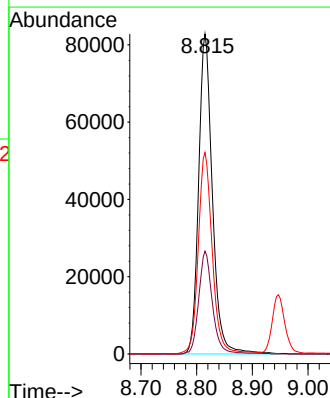
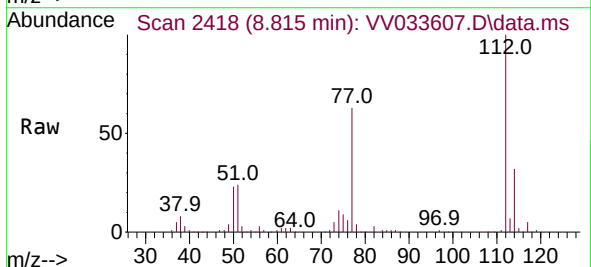
Ion	Ratio	Lower	Upper
107	100		
109	99.2	64.0	118.8
188	3.8	3.0	4.6

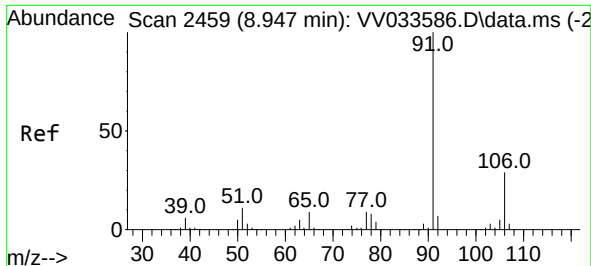


#51
 Chlorobenzene
 Concen: 5.203 ug/L
 RT: 8.815 min Scan# 2418
 Delta R.T. -0.000 min
 Lab File: VV033607.D
 Acq: 12 Jan 2024 19:54

Tgt Ion:112 Resp: 141994

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.9	42.5
77	63.0	50.8	76.2





#52

Ethylbenzene

Concen: 5.147 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. -0.000 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

Instrument :

MSVOA_V

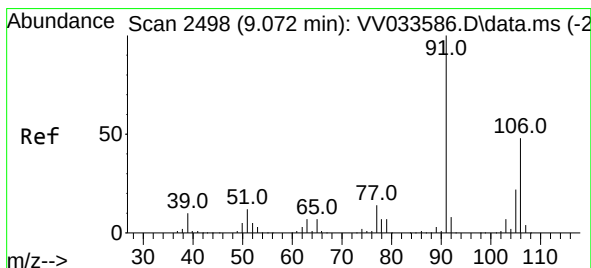
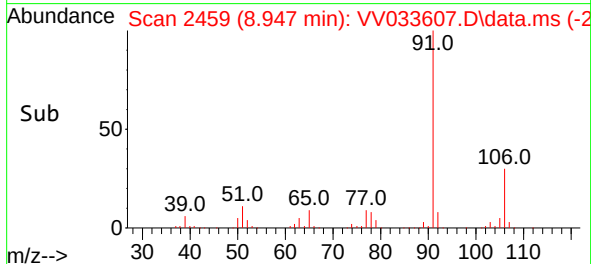
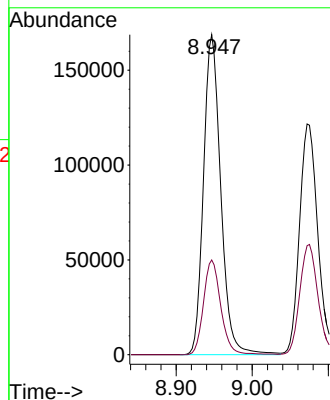
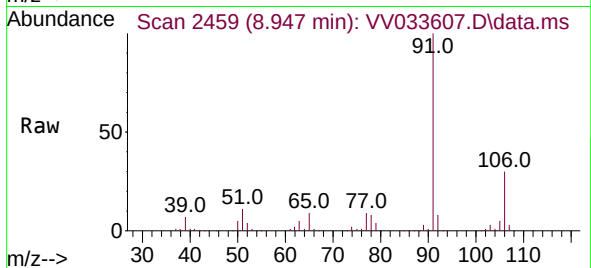
ClientSampleId :

Tgt Ion: 91 Resp: 265784

Ion Ratio Lower Upper

91 100

106 29.6 20.6 38.4



#53

m,p-Xylene

Concen: 5.082 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.003 min

Lab File: VV033607.D

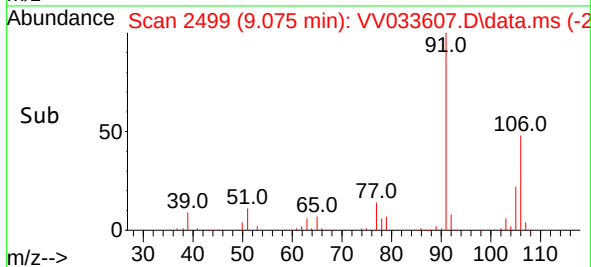
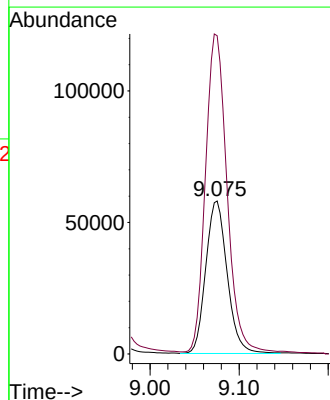
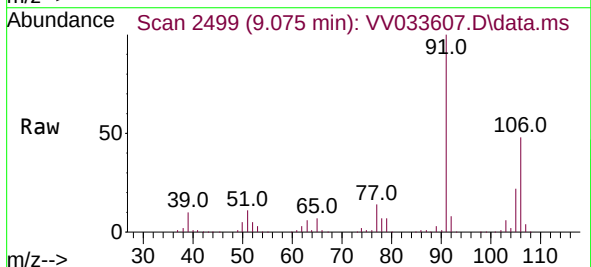
Acq: 12 Jan 2024 19:54

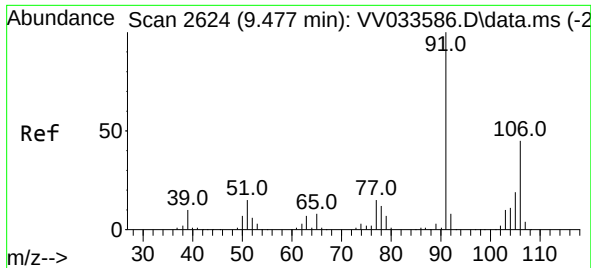
Tgt Ion:106 Resp: 96680

Ion Ratio Lower Upper

106 100

91 208.1 146.2 271.4

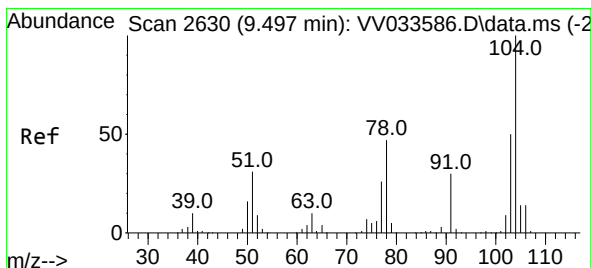
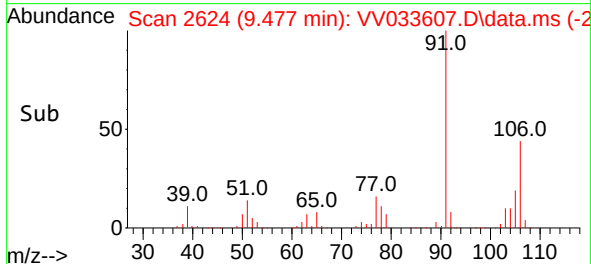
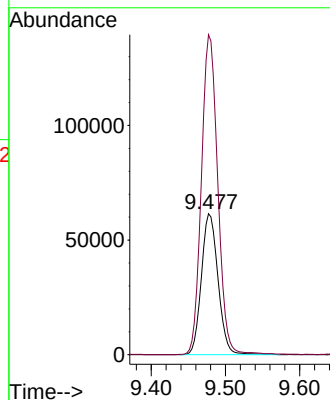
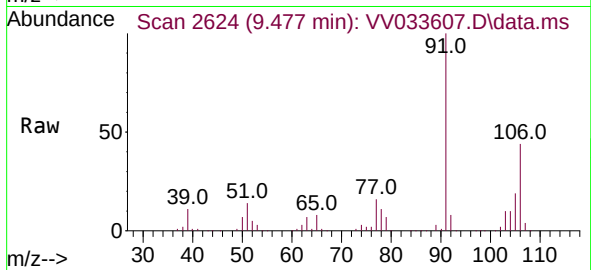




#54
o-Xylene
Concen: 5.169 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

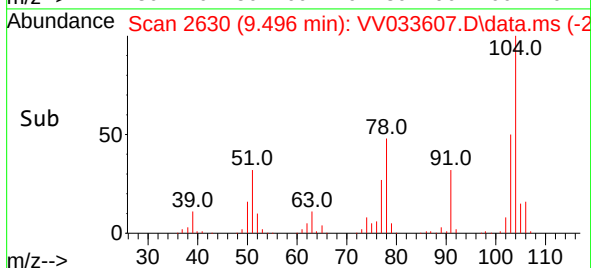
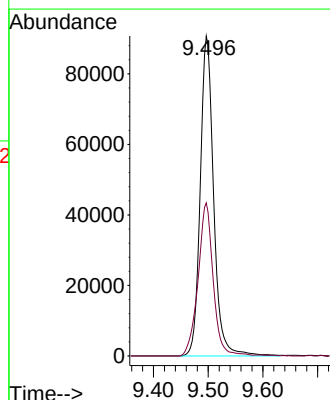
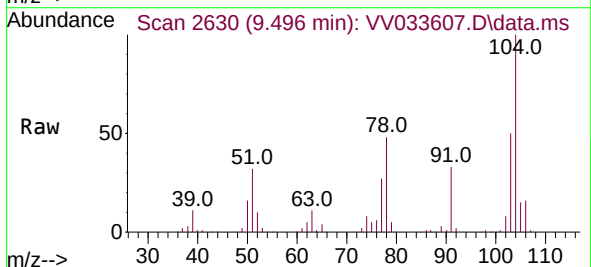
Instrument :
MSVOA_V
ClientSampleId :

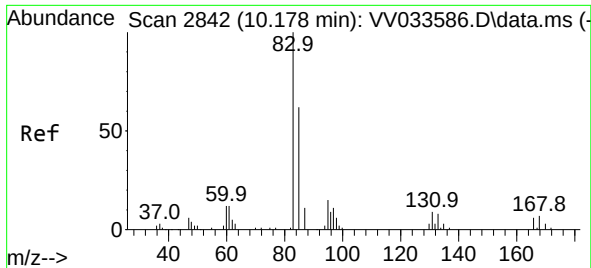
Tgt Ion:106 Resp: 95708
Ion Ratio Lower Upper
106 100
91 227.1 156.0 289.6



#55
Styrene
Concen: 5.243 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Tgt Ion:104 Resp: 154710
Ion Ratio Lower Upper
104 100
78 47.8 33.1 61.5

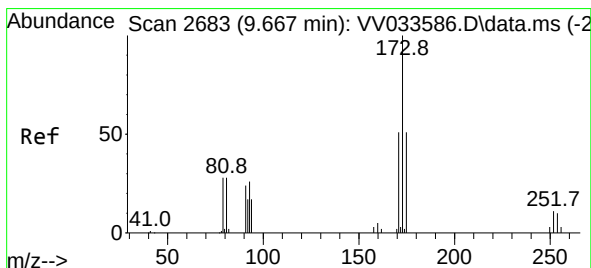
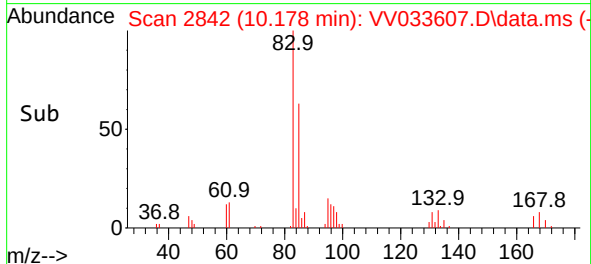
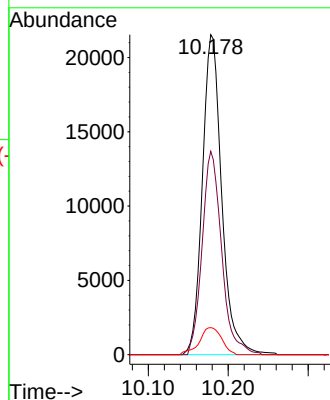
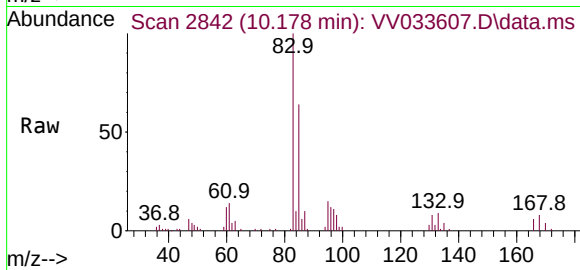




#57
1,1,2,2-Tetrachloroethane
Concen: 5.702 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

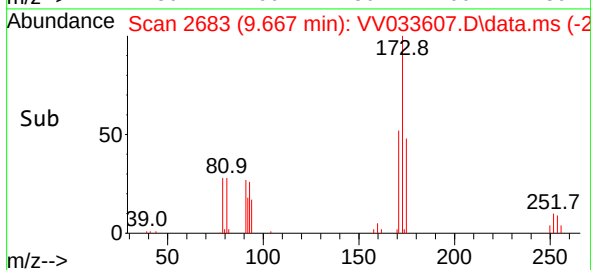
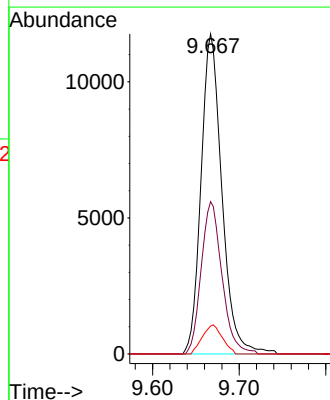
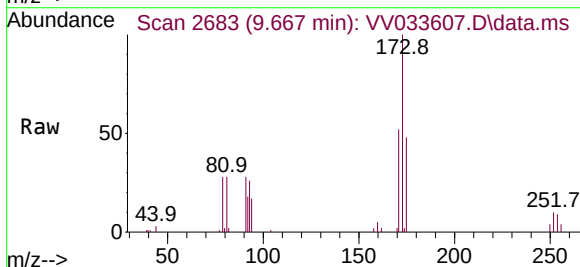
Instrument : MSVOA_V
ClientSampleId :

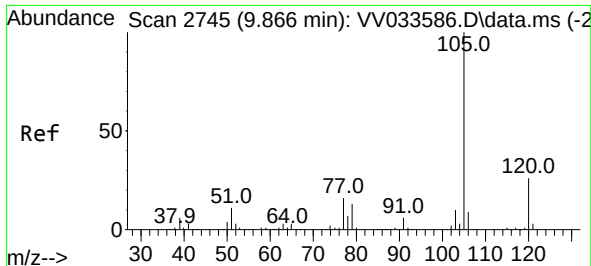
Tgt Ion: 83 Resp: 36371
Ion Ratio Lower Upper
83 100
85 63.6 43.5 80.7
131 8.5 7.4 11.0



#59
Bromoform
Concen: 5.272 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Tgt Ion: 173 Resp: 19678
Ion Ratio Lower Upper
173 100
175 47.3 38.8 58.2
254 8.7 7.5 11.3

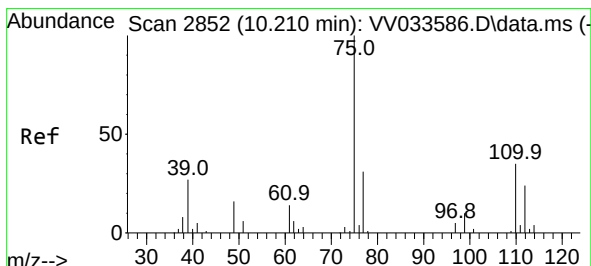
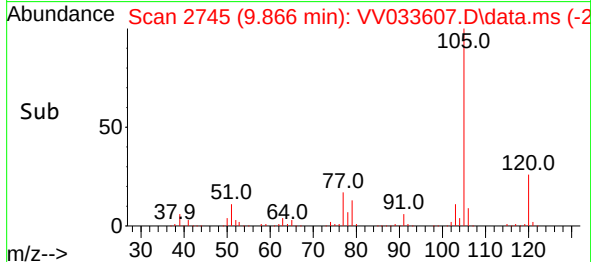
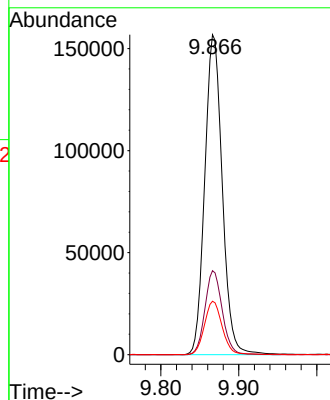
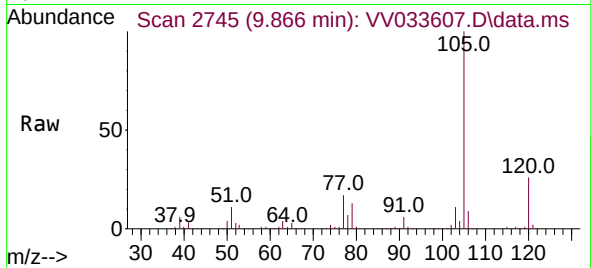




#60
Isopropylbenzene
Concen: 5.000 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

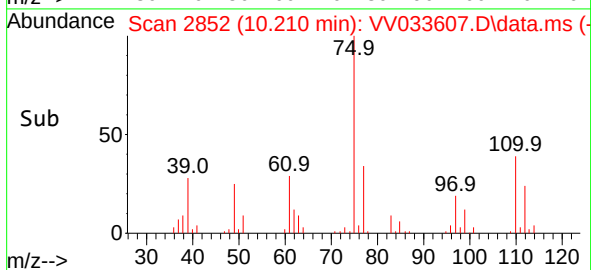
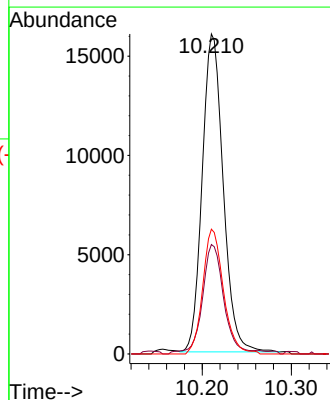
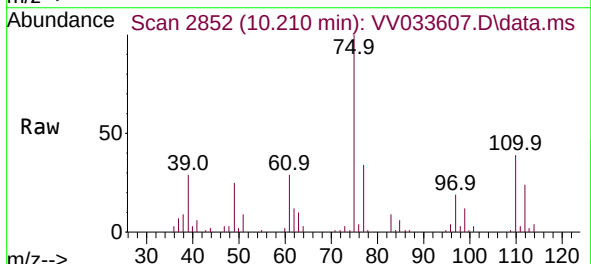
Instrument :
MSVOA_V
ClientSampleId :

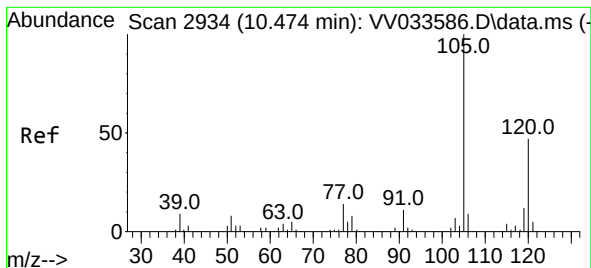
Tgt Ion:105 Resp: 244614
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 17.0 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.289 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Tgt Ion: 75 Resp: 26217
Ion Ratio Lower Upper
75 100
77 34.9 24.7 37.1
110 38.5 28.0 42.0





#62

1,3,5-Trimethylbenzene

Concen: 5.026 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

Instrument :

MSVOA_V

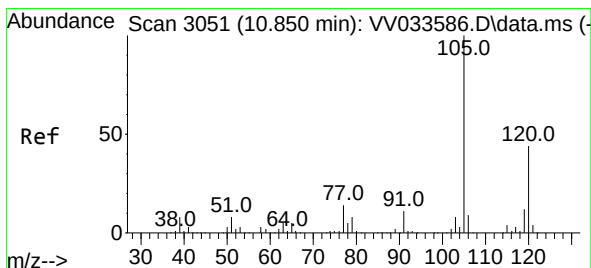
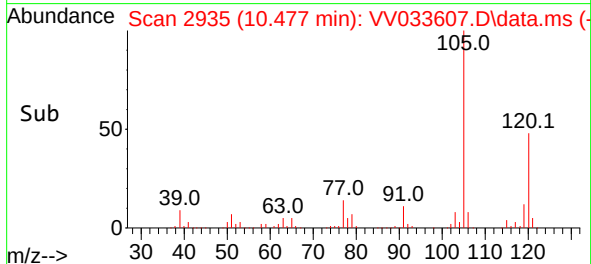
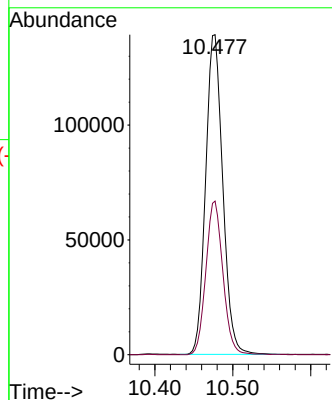
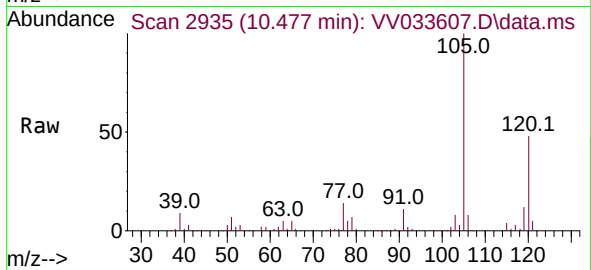
ClientSampleId :

Tgt Ion:105 Resp: 212447

Ion Ratio Lower Upper

105 100

120 47.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.103 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033607.D

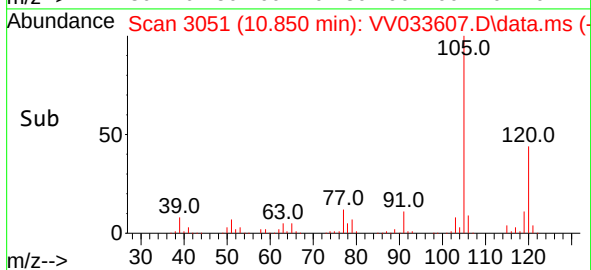
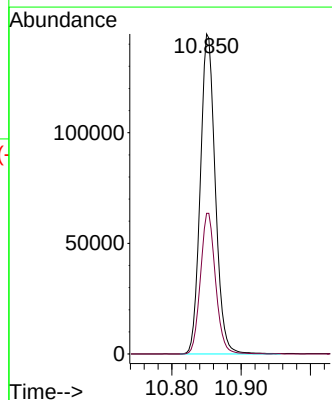
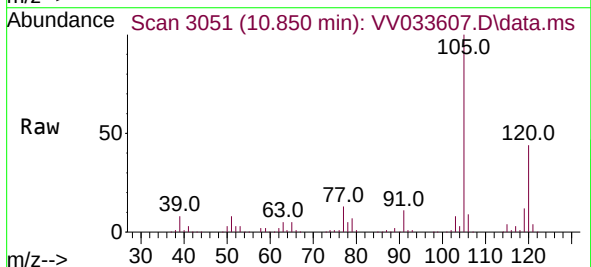
Acq: 12 Jan 2024 19:54

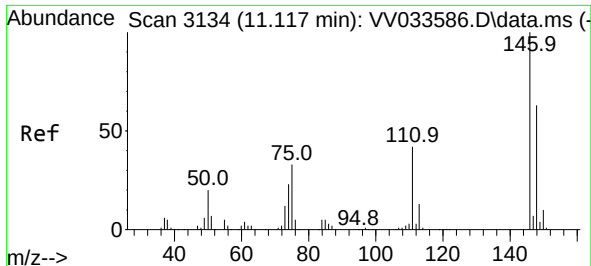
Tgt Ion:105 Resp: 217793

Ion Ratio Lower Upper

105 100

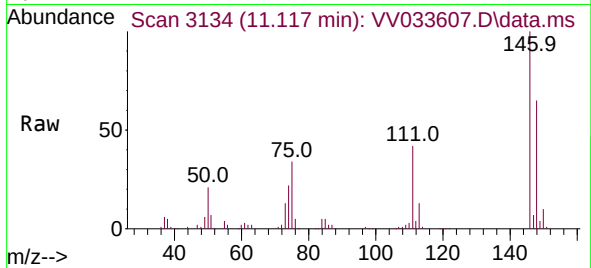
120 44.2 35.5 53.3



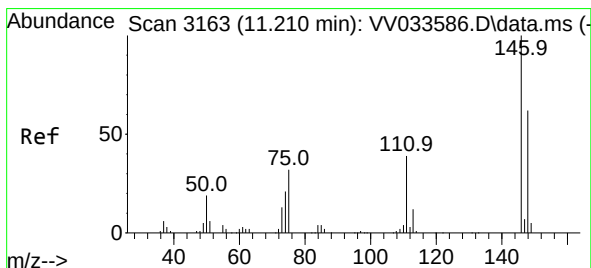
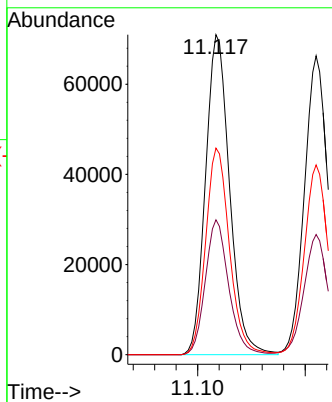
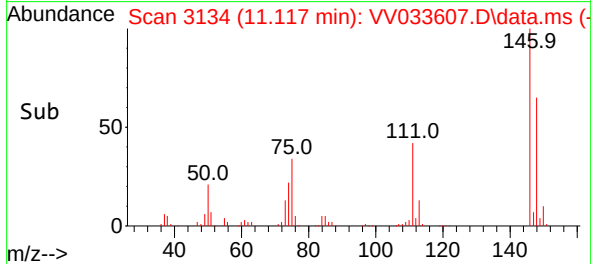


#64
1,3-Dichlorobenzene
Concen: 5.093 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

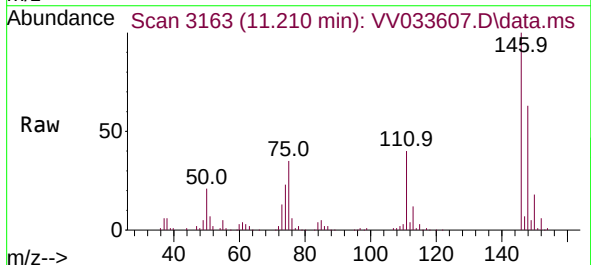
Instrument :
MSVOA_V
ClientSampleId :



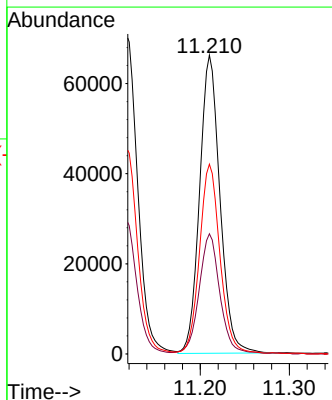
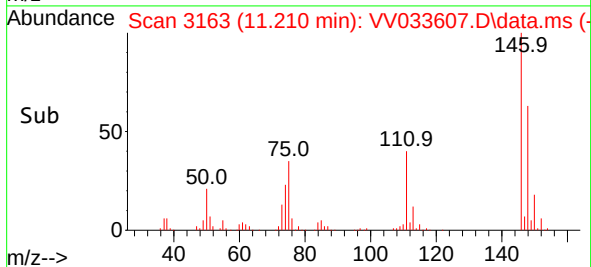
Tgt Ion:146 Resp: 110213
Ion Ratio Lower Upper
146 100
111 42.1 29.2 54.2
148 64.6 44.1 81.9

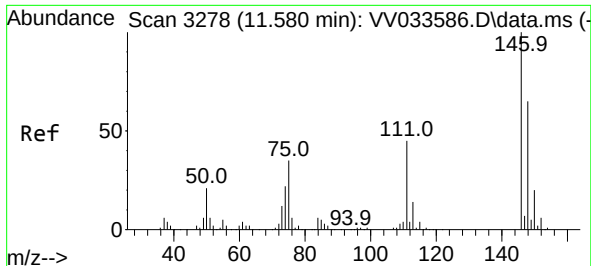


#65
1,4-Dichlorobenzene
Concen: 4.956 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54



Tgt Ion:146 Resp: 105003
Ion Ratio Lower Upper
146 100
111 40.2 27.5 51.1
148 63.5 43.3 80.5

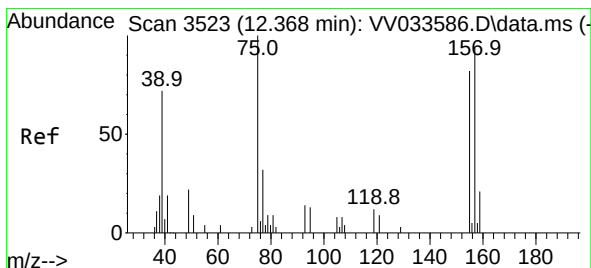
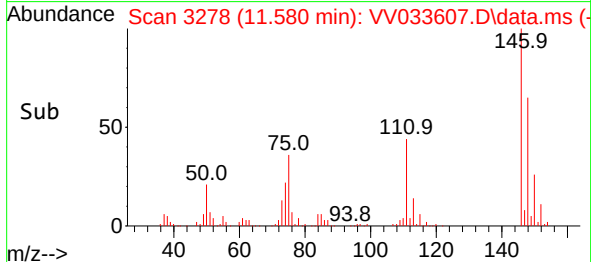
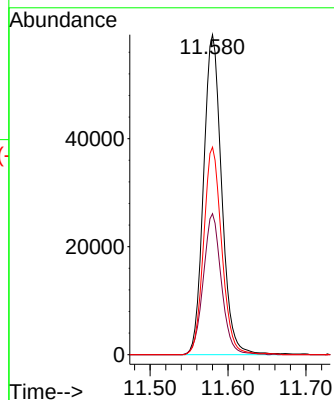
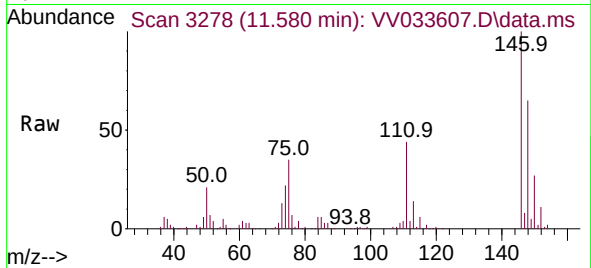




#67
1,2-Dichlorobenzene
Concen: 5.085 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

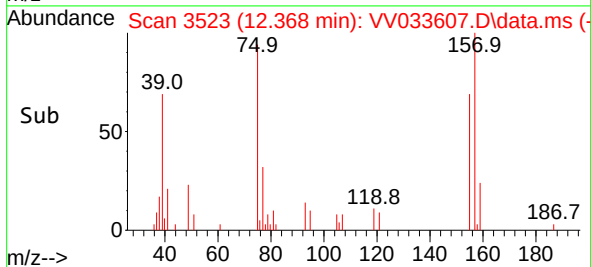
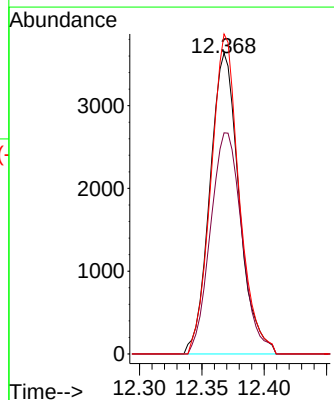
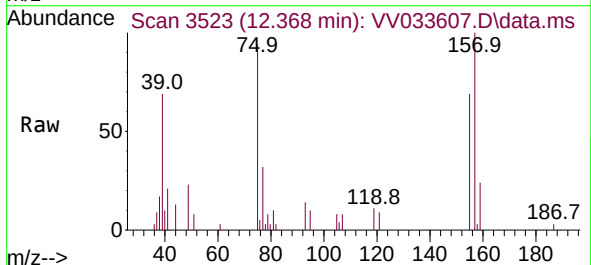
Instrument :
MSVOA_V
ClientSampleId :

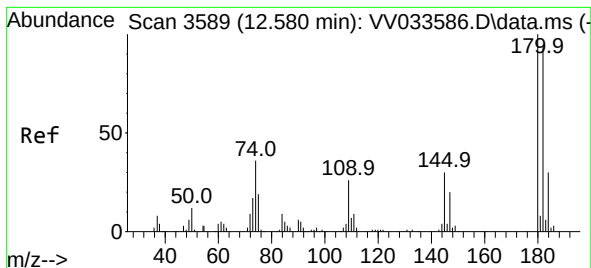
Tgt Ion:146 Resp: 95628
Ion Ratio Lower Upper
146 100
111 44.1 36.1 54.1
148 64.8 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.442 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.000 min
Lab File: VV033607.D
Acq: 12 Jan 2024 19:54

Tgt Ion: 75 Resp: 5929
Ion Ratio Lower Upper
75 100
155 73.5 65.3 97.9
157 106.4 75.4 113.0





#69

1,3,5-Trichlorobenzene

Concen: 4.909 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

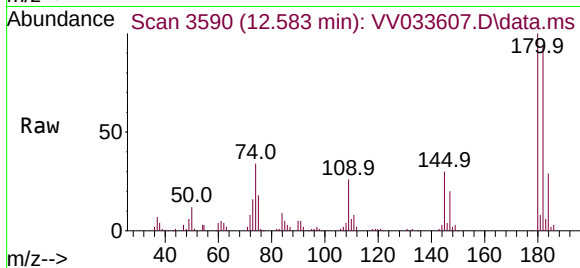
Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 82473

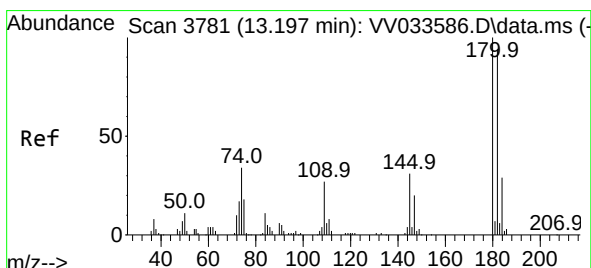
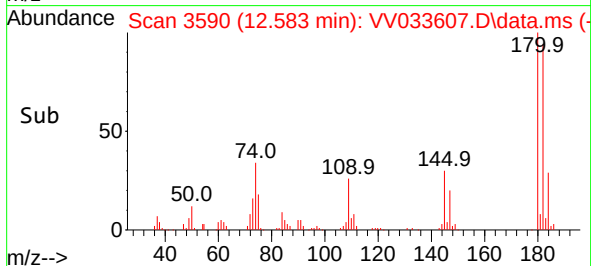
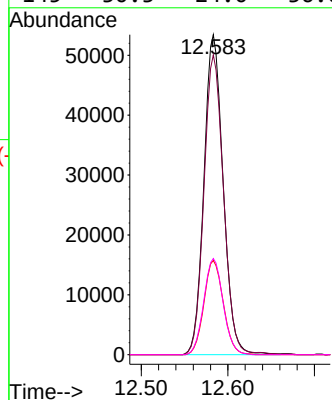
Ion Ratio Lower Upper

180 100

182 94.9 76.4 114.6

184 29.7 24.2 36.2

145 30.3 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 4.687 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

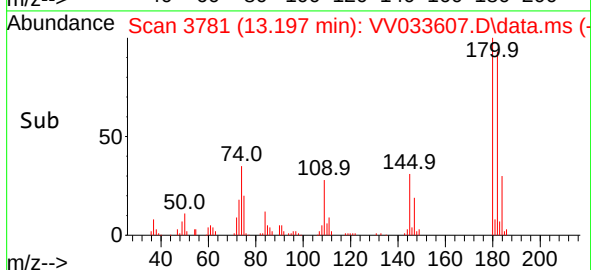
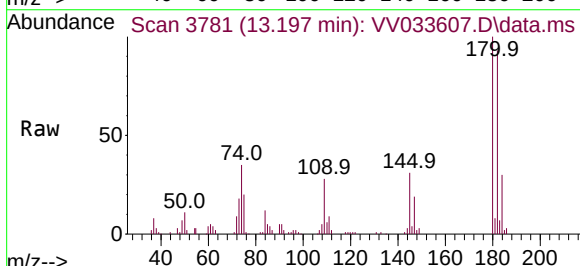
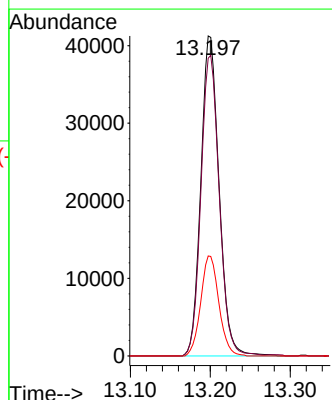
Tgt Ion:180 Resp: 65593

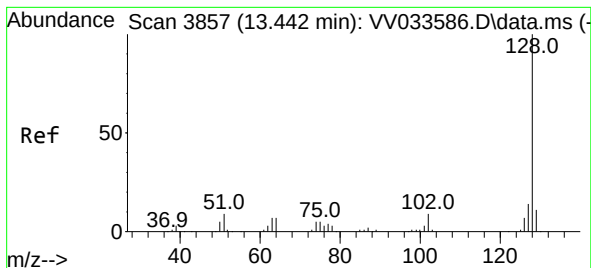
Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.6

145 31.0 24.8 37.2





#71

Naphthalene

Concen: 3.636 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

Instrument :

MSVOA_V

ClientSampleId :

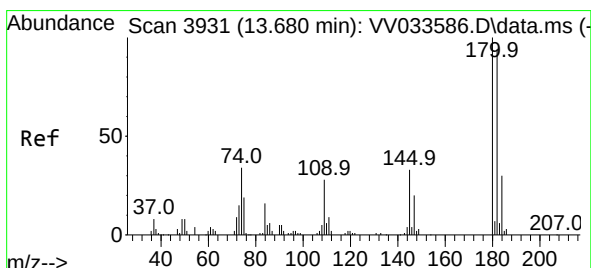
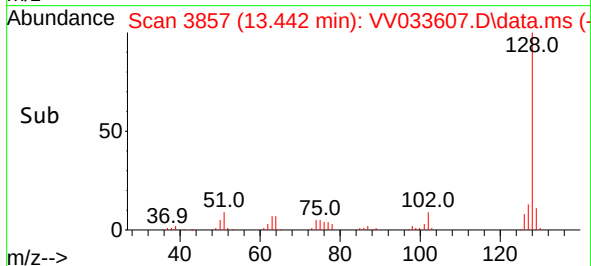
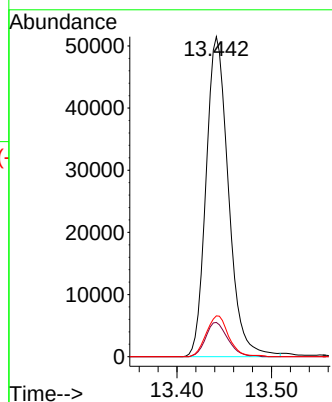
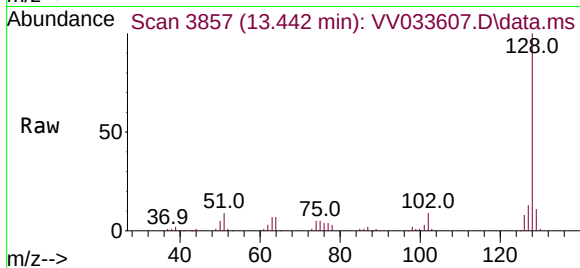
Tgt Ion:128 Resp: 84927

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

127 12.8 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.707 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033607.D

Acq: 12 Jan 2024 19:54

Tgt Ion:180 Resp: 52828

Ion Ratio Lower Upper

180 100

182 94.4 75.0 112.6

145 32.8 26.6 40.0

