

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021524\
 Data File : VW034203.D
 Acq On : 15 Feb 2024 21:36
 Operator : SY/MD
 Sample : P1501-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 16 00:46:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 16 00:40:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	71516	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	64738	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33509	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18373	3.317	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.532	69	18938	3.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.060	65	9967	3.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.802	46	49987	53.737	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.480%
24) Chloroform-d	4.253	84	47014	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.944	65	24029	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	4.963	84	79233	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	5.989	67	23512	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.243	98	72978	4.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.558	79	9824	4.792	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.027	63	36977	50.526	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.060%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16323	4.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	28417	4.663	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	30524	4.658	ug/L	97
3) Chloromethane	1.217	50	32254	4.512	ug/L	98
5) Vinyl chloride	1.285	62	31262	4.576	ug/L	91
6) Bromomethane	1.491	94	18029	5.012	ug/L	98
8) Chloroethane	1.552	64	21039	4.515	ug/L	99
9) Trichlorofluoromethane	1.712	101	55493	5.637	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27161	5.278	ug/L	98
12) 1,1-Dichloroethene	2.069	96	25058	5.016	ug/L	95
13) Acetone	2.134	43	35444	50.225	ug/L #	41
14) Carbon disulfide	2.240	76	67603	4.182	ug/L	100
15) Methyl Acetate	2.384	43	7272	4.354	ug/L	97
16) Methylene chloride	2.449	84	22755	4.747	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	55001	5.358	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	23686	4.655	ug/L	99
19) 1,1-Dichloroethane	3.111	63	46334	4.955	ug/L	94
21) 2-Butanone	3.886	43	42471	45.541	ug/L #	49
22) cis-1,2-Dichloroethene	3.815	96	26531	4.595	ug/L	99
23) Bromochloromethane	4.153	128	10468	5.216	ug/L	90
25) Chloroform	4.278	83	48001	5.078	ug/L	97

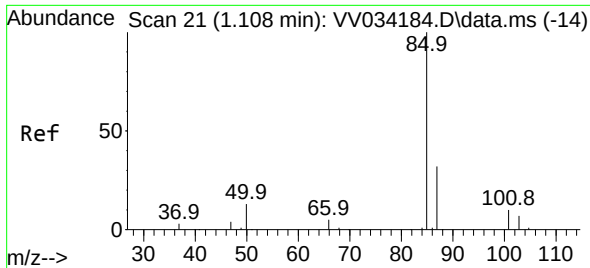
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021524\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 16 00:40:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	30614	5.657	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	47909	5.512	ug/L	100
30) Cyclohexane	4.584	56	36715	4.344	ug/L	92
31) Carbon tetrachloride	4.738	117	42651	5.608	ug/L	99
33) Benzene	5.011	78	95017	4.894	ug/L	100
34) Trichloroethene	5.834	95	27505	4.895	ug/L	97
35) Methylcyclohexane	6.050	83	39500	4.478	ug/L	97
37) 1,2-Dichloropropane	6.095	63	22396	4.762	ug/L	98
38) Bromodichloromethane	6.436	83	32547	5.272	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	35220	4.921	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	114000	50.615	ug/L	98
42) Toluene	7.317	91	105110	5.065	ug/L	95
44) trans-1,3-Dichloropropene	7.584	75	28576	5.200	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	15312	5.272	ug/L	94
47) Tetrachloroethene	7.905	164	21410	4.689	ug/L	98
48) 2-Hexanone	8.075	43	80243	50.543	ug/L	99
49) Dibromochloromethane	8.178	129	19388	5.618	ug/L	98
50) 1,2-Dibromoethane	8.284	107	13428	5.151	ug/L #	96
51) Chlorobenzene	8.815	112	66724	5.085	ug/L	97
52) Ethylbenzene	8.947	91	118552	4.963	ug/L	100
53) m,p-Xylene	9.072	106	44051	4.880	ug/L	94
54) o-Xylene	9.477	106	43146	4.957	ug/L	98
55) Styrene	9.497	104	72106	5.174	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	16392	5.348	ug/L	94
59) Bromoform	9.667	173	10473	5.673	ug/L	100
60) Isopropylbenzene	9.866	105	122699	4.949	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	11645	5.055	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	104065	4.965	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	101687	4.993	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	55057	5.093	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	53691	5.015	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	48584	5.233	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	2517	5.213	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	41551	4.966	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	32562	4.986	ug/L	98
71) Naphthalene	13.439	128	45429	5.308	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	27084	5.175	ug/L	96

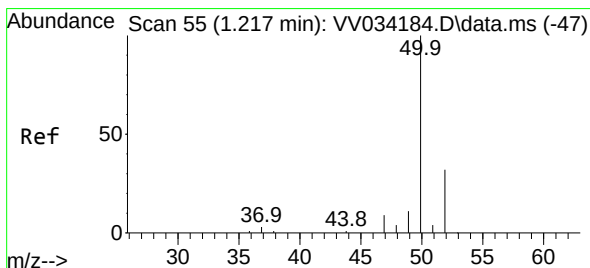
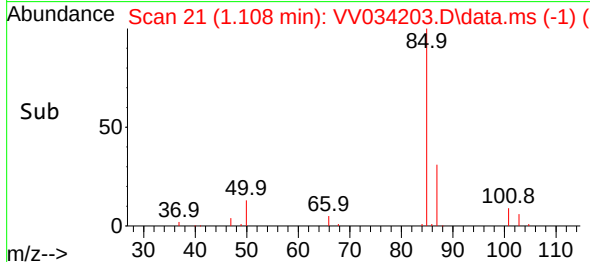
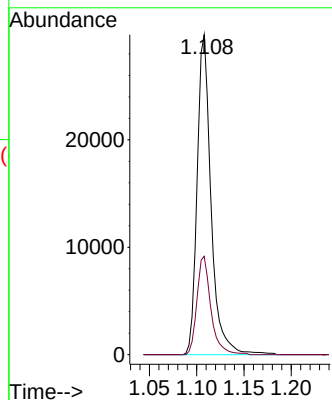
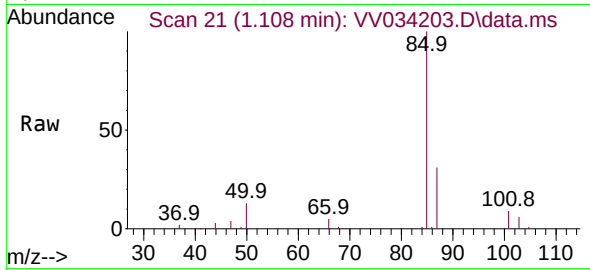
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.658 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034203.D
 Acq: 15 Feb 2024 21:36

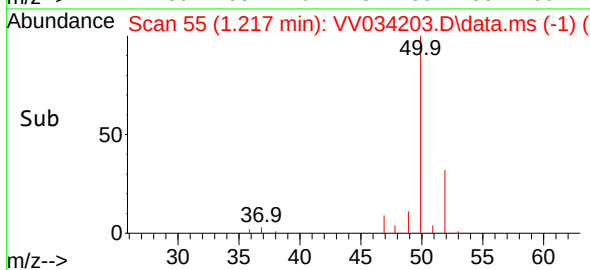
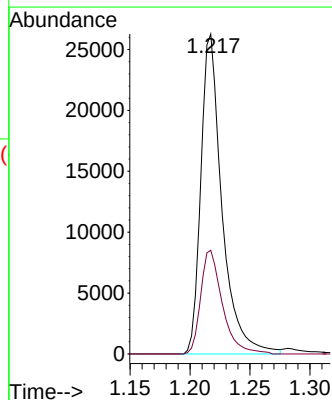
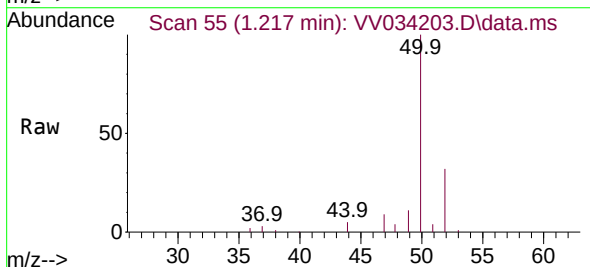
Instrument :
 MSVOA_V
 ClientSampleId :

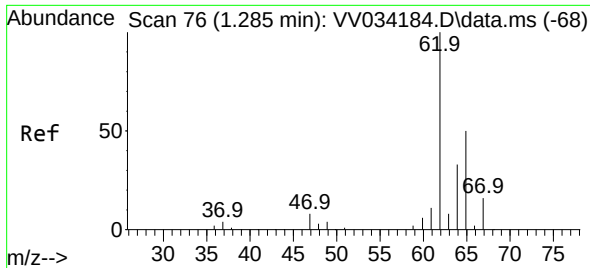
Tgt Ion: 85 Resp: 30524
 Ion Ratio Lower Upper
 85 100
 87 30.9 26.2 39.4



#3
 Chloromethane
 Concen: 4.512 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV034203.D
 Acq: 15 Feb 2024 21:36

Tgt Ion: 50 Resp: 32254
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.4 43.4

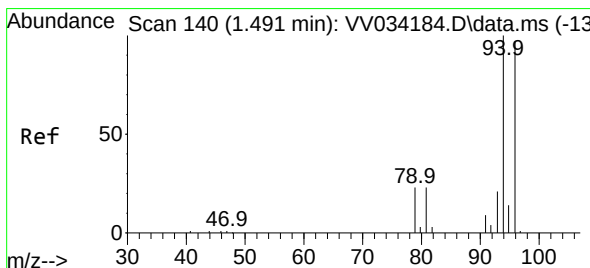
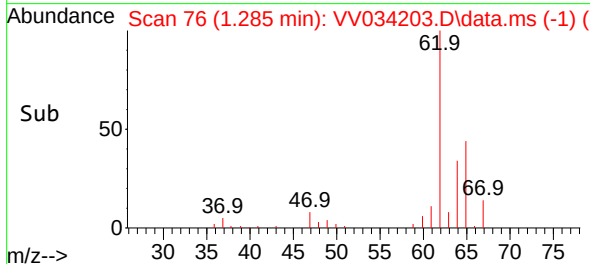
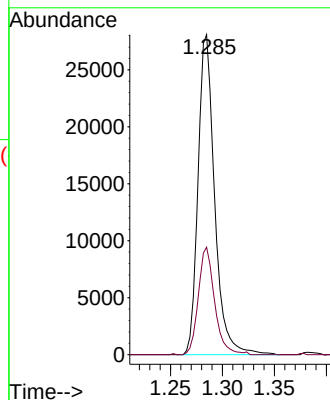
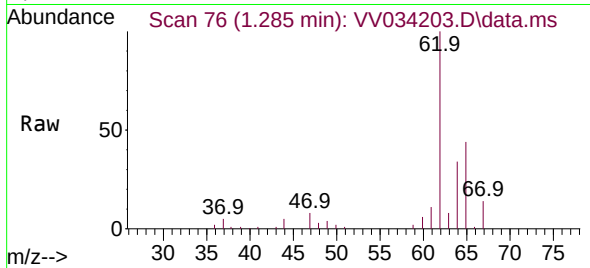




#5
 Vinyl chloride
 Concen: 4.576 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV034203.D
 Acq: 15 Feb 2024 21:36

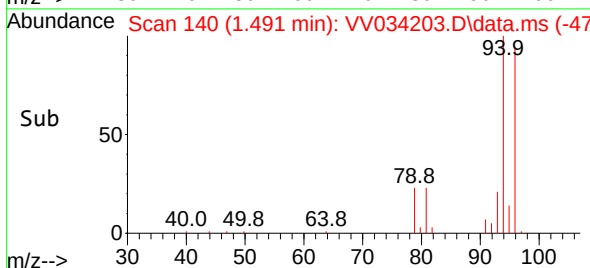
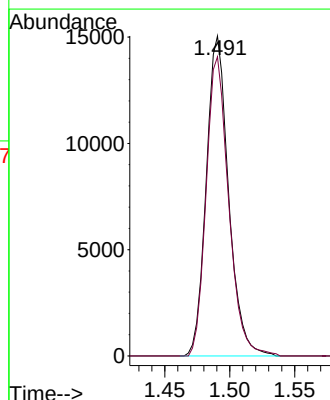
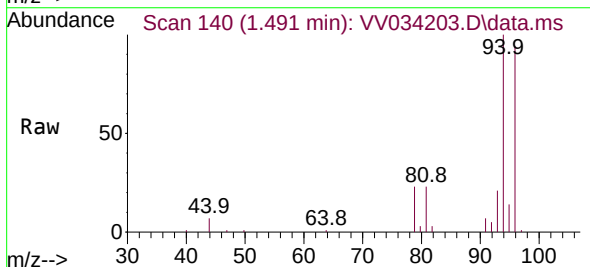
Instrument :
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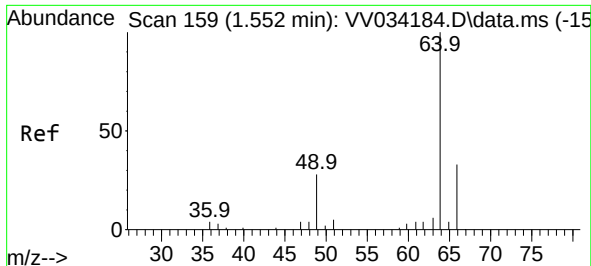
Tgt Ion: 62 Resp: 31262
 Ion Ratio Lower Upper
 62 100
 64 33.6 27.2 50.4



#6
 Bromomethane
 Concen: 5.012 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV034203.D
 Acq: 15 Feb 2024 21:36

Tgt Ion: 94 Resp: 18029
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.6 123.8

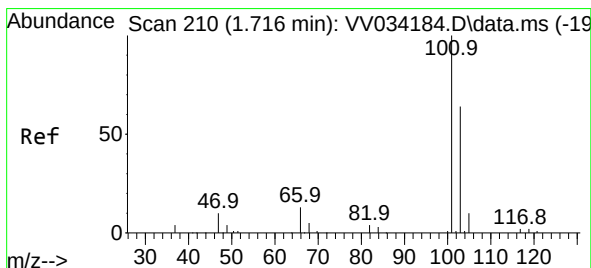
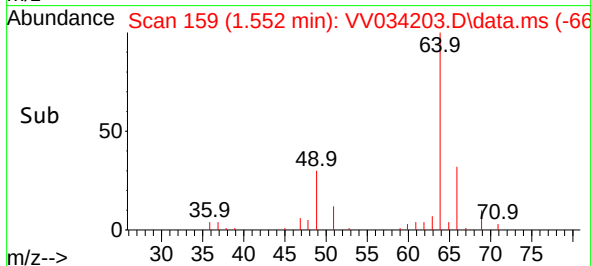
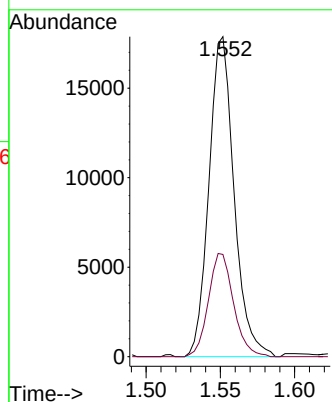
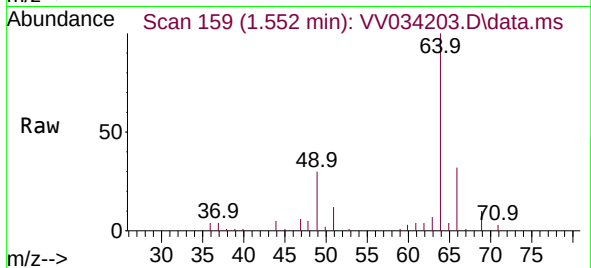




#8
Chloroethane
Concen: 4.515 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

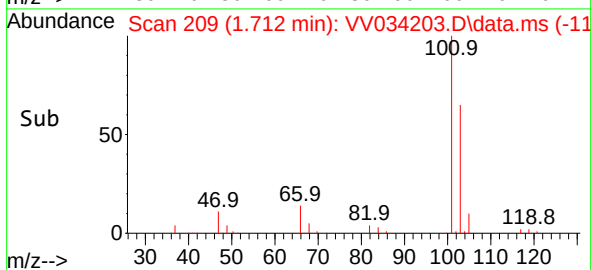
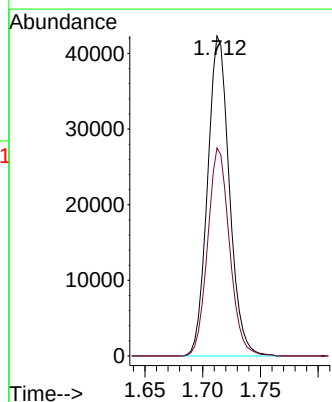
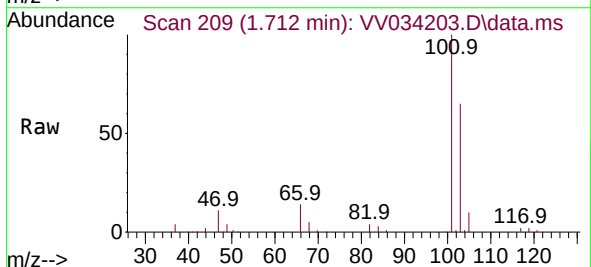
Instrument :
MSVOA_V
ClientSampleId :

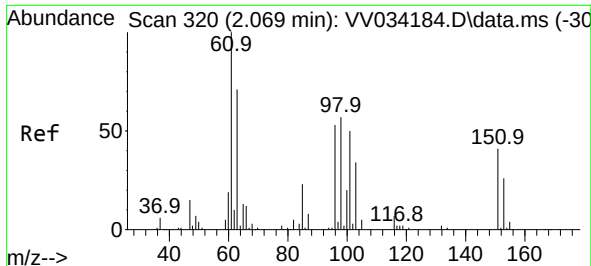
Tgt Ion: 64 Resp: 21039
Ion Ratio Lower Upper
64 100
66 32.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.637 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

Tgt Ion:101 Resp: 55493
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.4

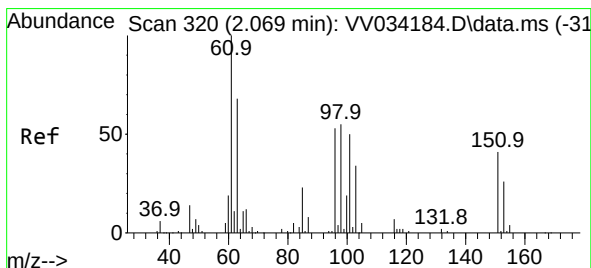
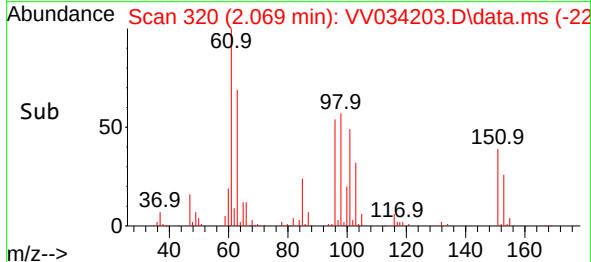
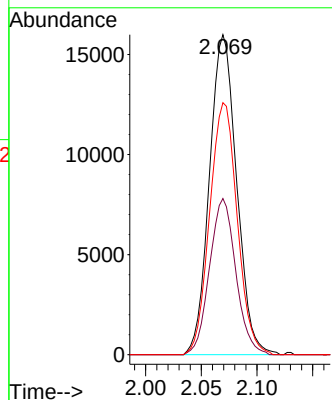
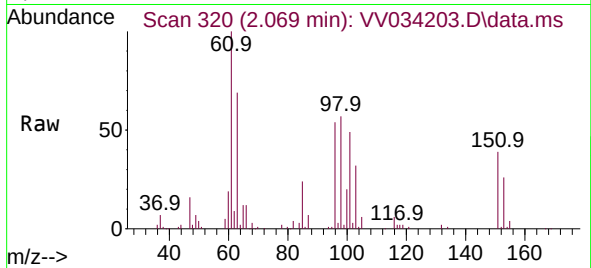




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.278 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034203.D
 Acq: 15 Feb 2024 21:36

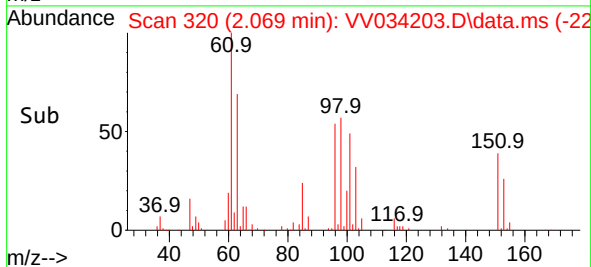
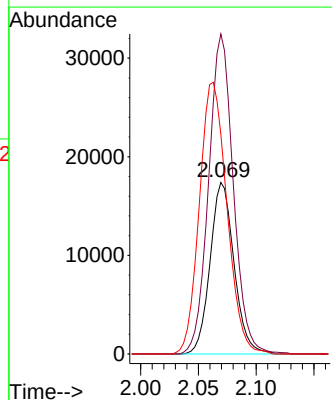
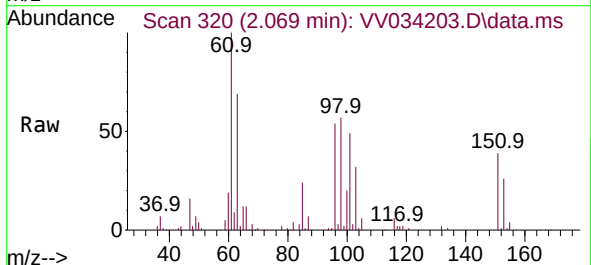
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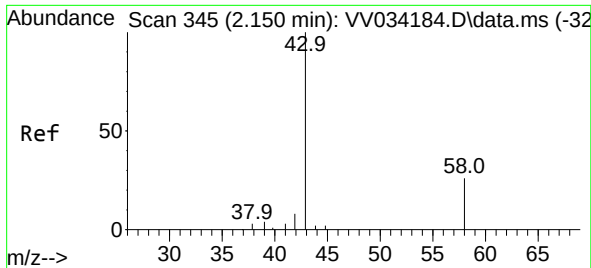
Tgt Ion:101 Resp: 27161
 Ion Ratio Lower Upper
 101 100
 85 47.1 37.1 55.7
 151 79.7 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.016 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034203.D
 Acq: 15 Feb 2024 21:36

Tgt Ion: 96 Resp: 25058
 Ion Ratio Lower Upper
 96 100
 61 186.5 128.8 239.2
 63 128.2 97.9 181.9





#13

Acetone

Concen: 50.225 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.016 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

Instrument :

MSVOA_V

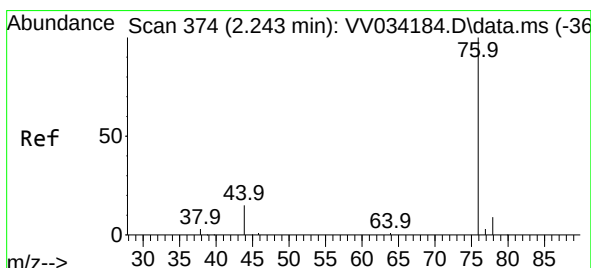
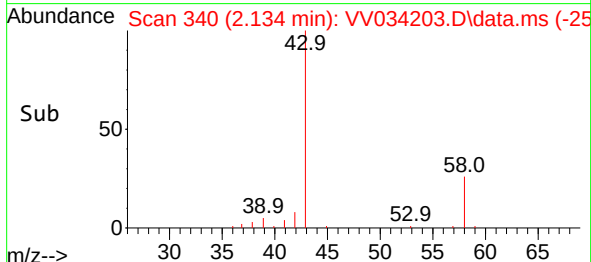
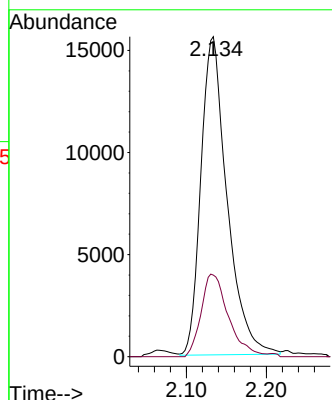
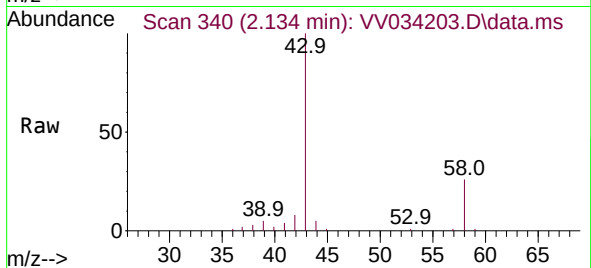
ClientSampleId :

Tgt Ion: 43 Resp: 35444

Ion Ratio Lower Upper

43 100

58 27.1 0.0 13.8#



#14

Carbon disulfide

Concen: 4.182 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV034203.D

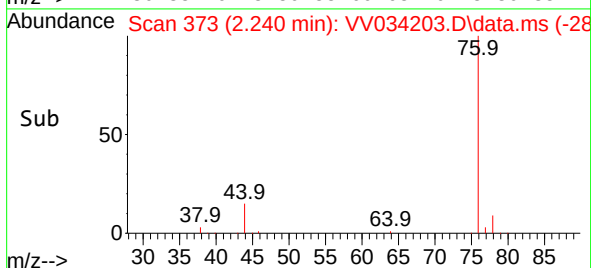
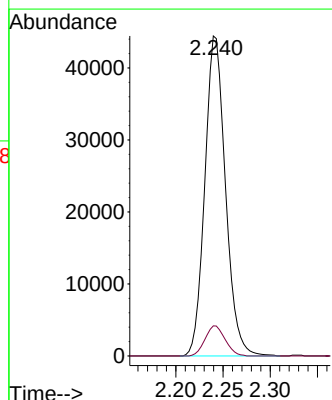
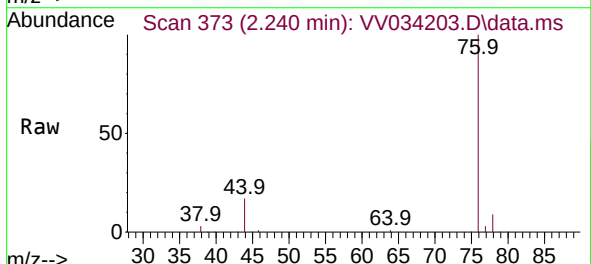
Acq: 15 Feb 2024 21:36

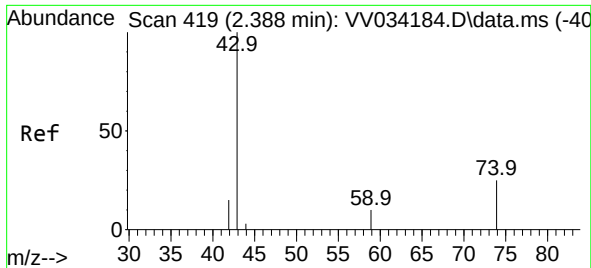
Tgt Ion: 76 Resp: 67603

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 4.354 ug/L

RT: 2.384 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

Instrument :

MSVOA_V

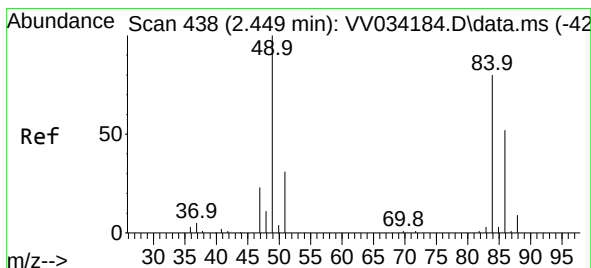
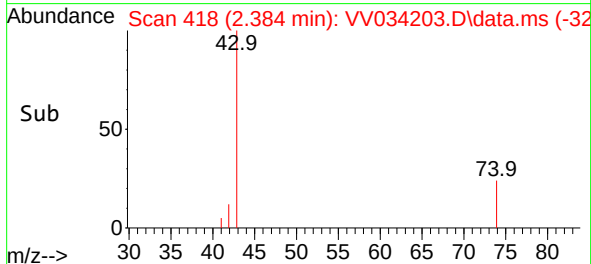
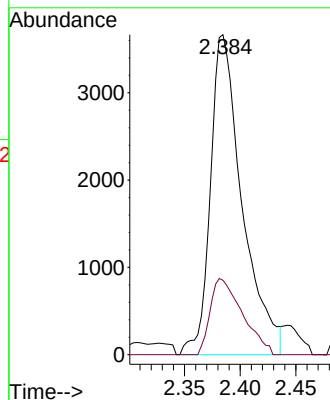
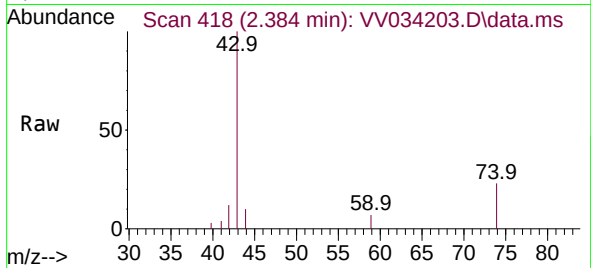
ClientSampleId :

Tgt Ion: 43 Resp: 7272

Ion Ratio Lower Upper

43 100

74 24.1 18.2 27.4



#16

Methylene chloride

Concen: 4.747 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

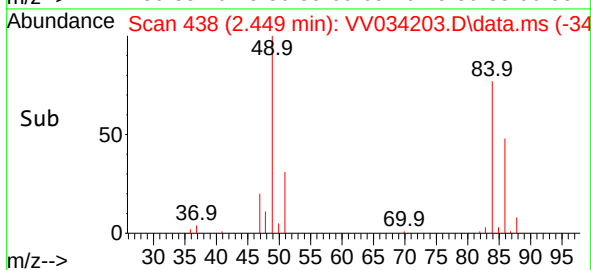
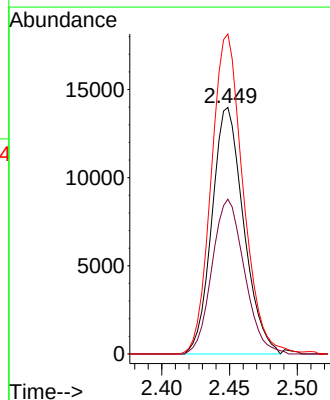
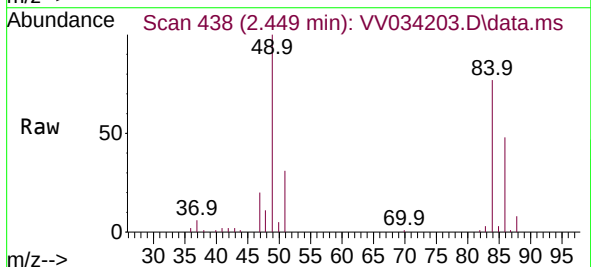
Tgt Ion: 84 Resp: 22755

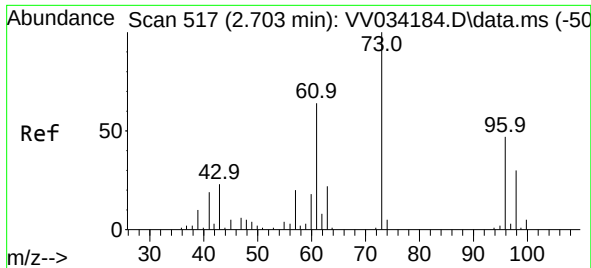
Ion Ratio Lower Upper

84 100

86 62.8 44.7 83.1

49 129.8 93.7 173.9

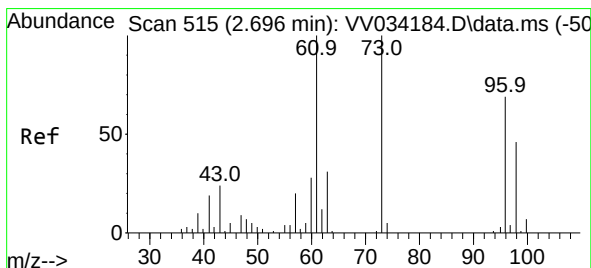
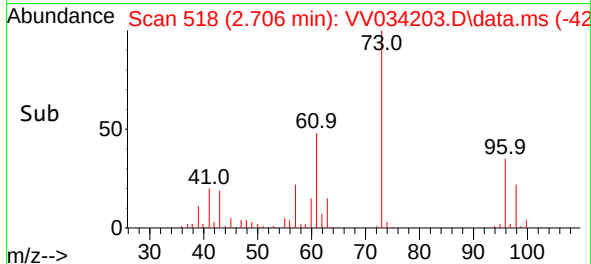
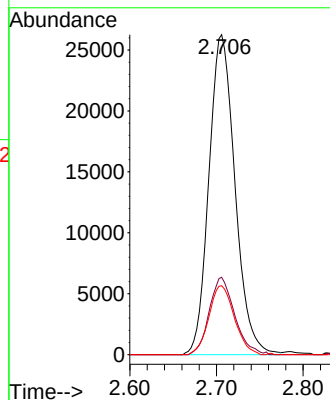
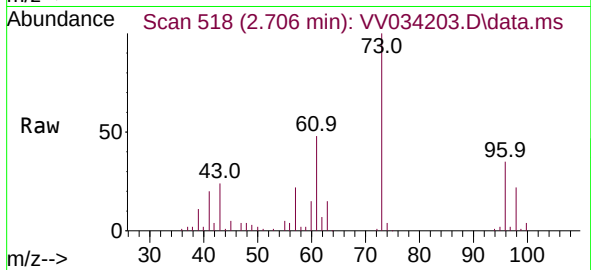




#17
Methyl tert-butyl Ether
Concen: 5.358 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

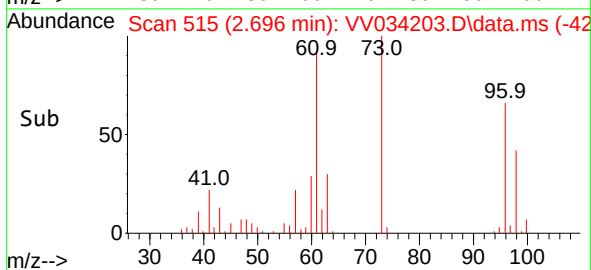
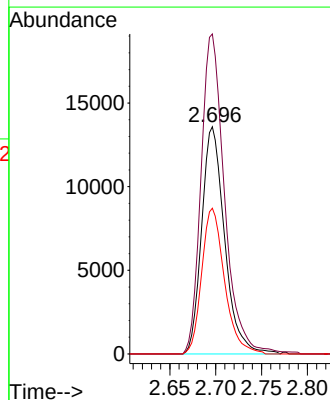
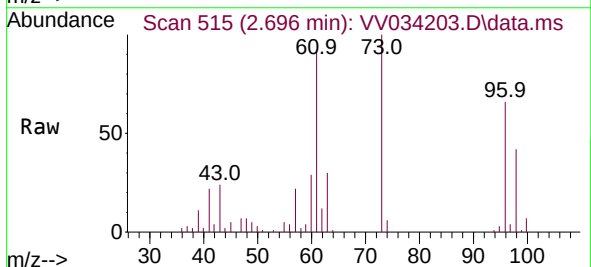
Instrument :
MSVOA_V
ClientSampleId :

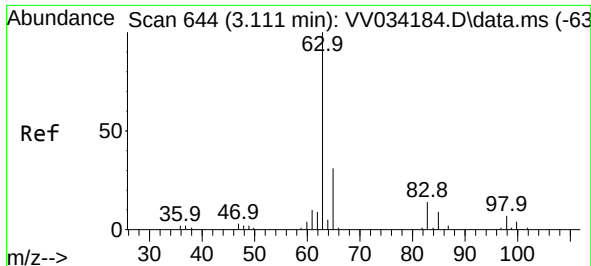
Tgt Ion: 73 Resp: 55001
Ion Ratio Lower Upper
73 100
43 23.5 17.7 26.5
57 21.0 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.655 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

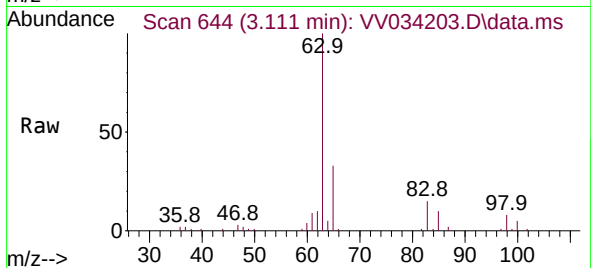
Tgt Ion: 96 Resp: 23686
Ion Ratio Lower Upper
96 100
61 140.8 97.6 181.4
98 64.2 44.4 82.5



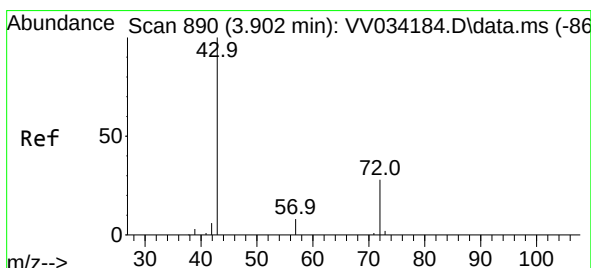
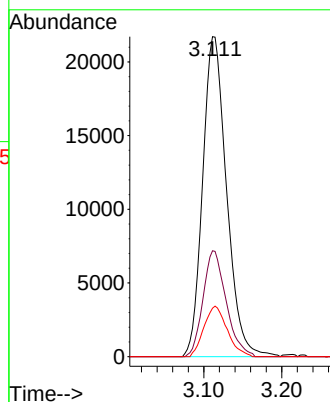
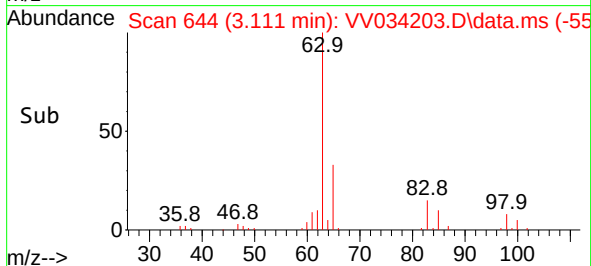


#19
1,1-Dichloroethane
Concen: 4.955 ug/L
RT: 3.111 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

Instrument :
MSVOA_V
ClientSampleId :

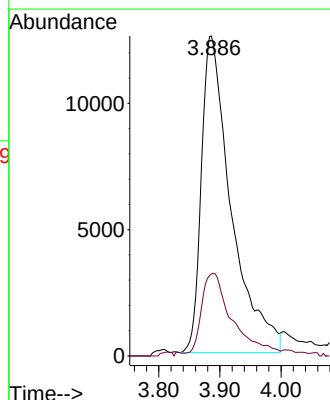
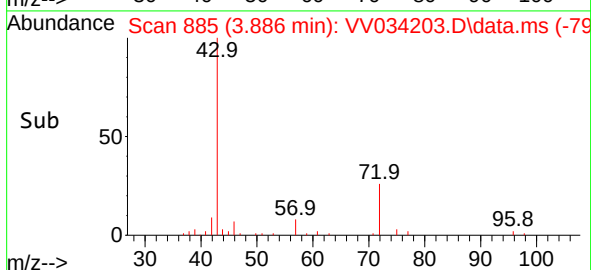
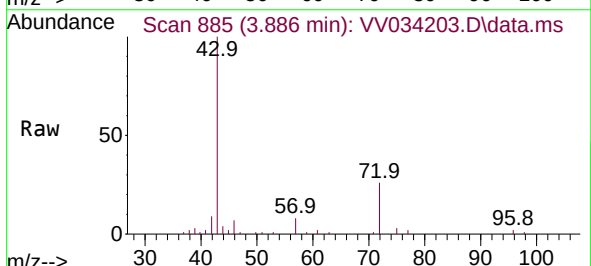


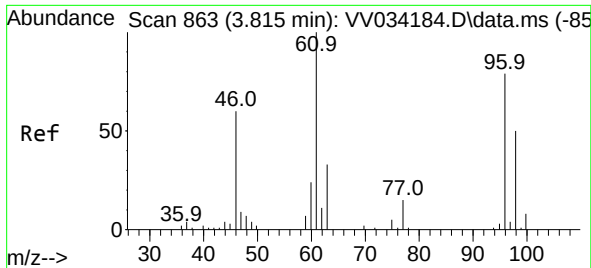
Tgt Ion: 63 Resp: 46334
Ion Ratio Lower Upper
63 100
65 33.1 20.8 38.6
83 15.1 9.4 17.4



#21
2-Butanone
Concen: 45.541 ug/L
RT: 3.886 min Scan# 885
Delta R.T. -0.016 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

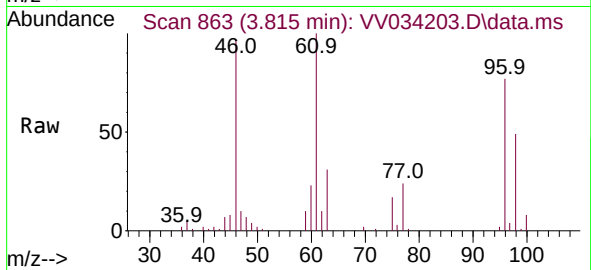
Tgt Ion: 43 Resp: 42471
Ion Ratio Lower Upper
43 100
72 25.7 4.0 11.9#





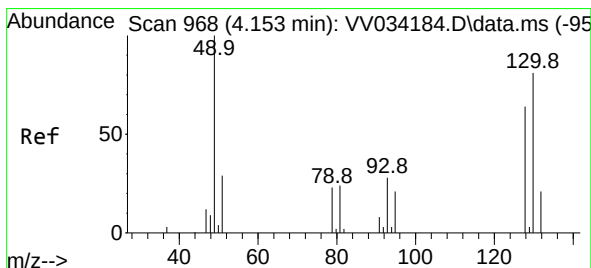
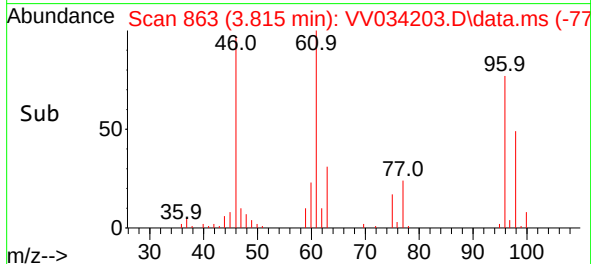
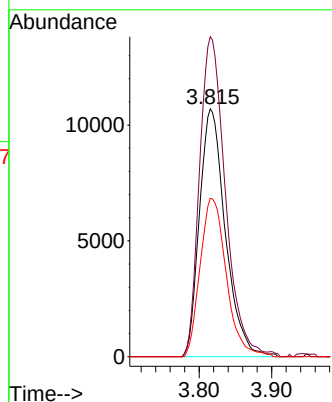
#22
 cis-1,2-Dichloroethene
 Concen: 4.595 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV034203.D
 Acq: 15 Feb 2024 21:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 26531

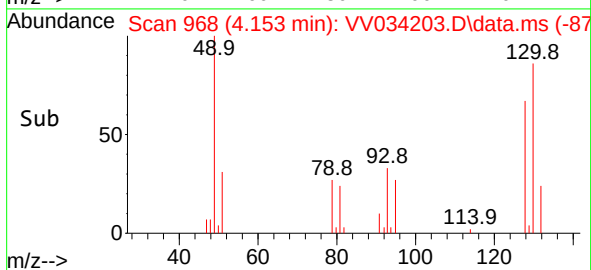
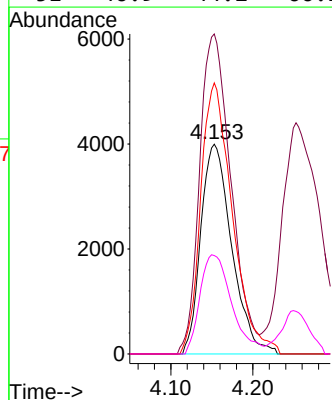
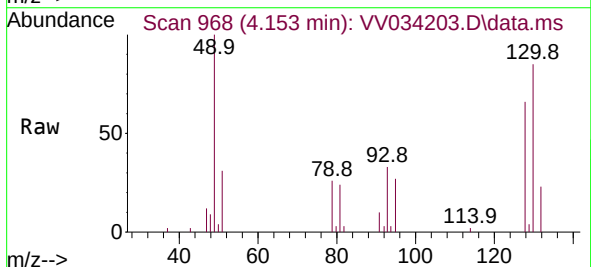
Ion	Ratio	Lower	Upper
96	100		
61	129.1	90.3	167.7
98	63.9	43.2	80.2

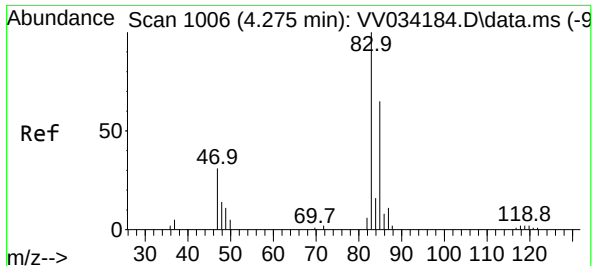


#23
 Bromochloromethane
 Concen: 5.216 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VV034203.D
 Acq: 15 Feb 2024 21:36

Tgt Ion: 128 Resp: 10468

Ion	Ratio	Lower	Upper
128	100		
49	152.6	120.5	223.7
130	129.2	93.4	173.4
51	46.9	44.2	66.2

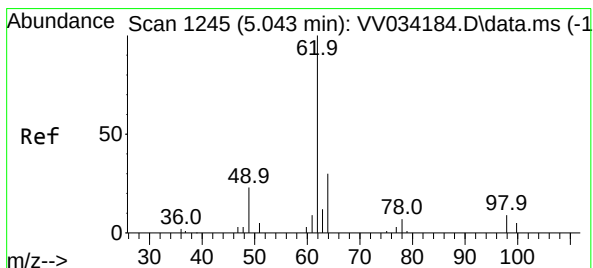
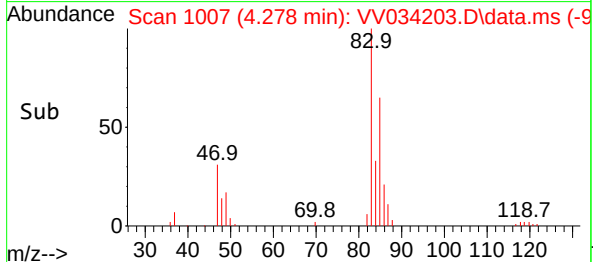
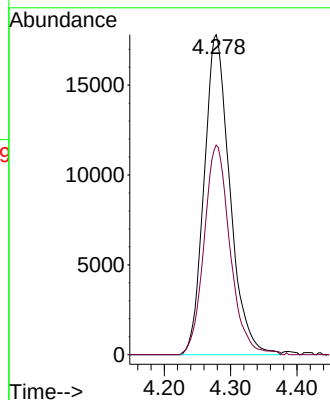
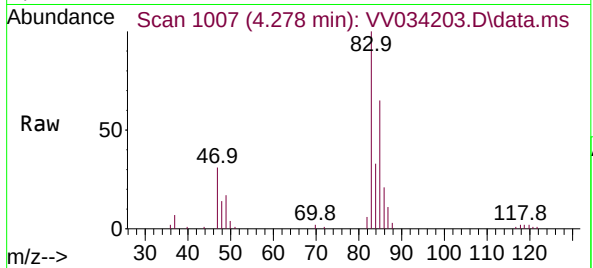




#25
Chloroform
Concen: 5.078 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

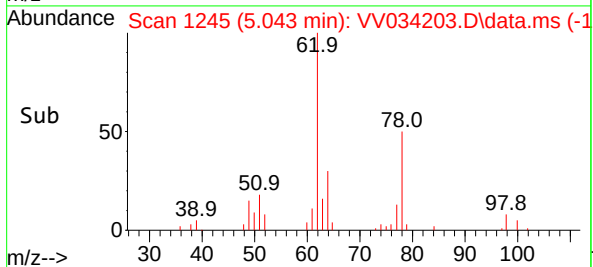
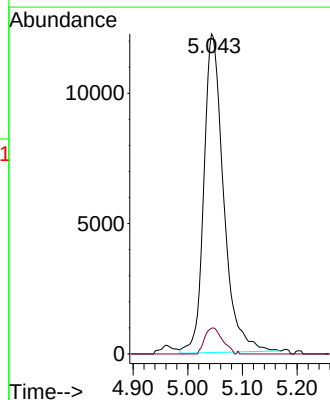
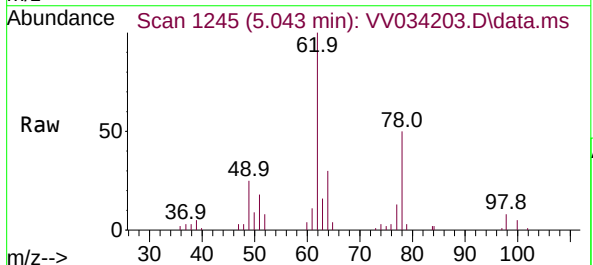
Instrument :
MSVOA_V
ClientSampleId :

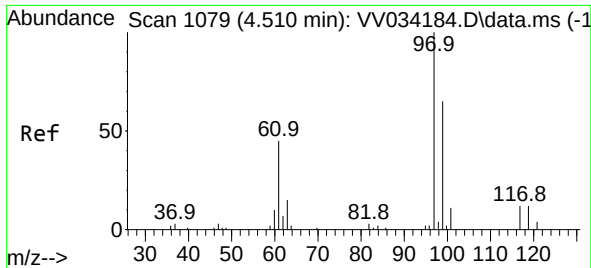
Tgt Ion: 83 Resp: 48001
Ion Ratio Lower Upper
83 100
85 65.5 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.657 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

Tgt Ion: 62 Resp: 30614
Ion Ratio Lower Upper
62 100
98 8.1 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.512 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

Instrument :

MSVOA_V

ClientSampleId :

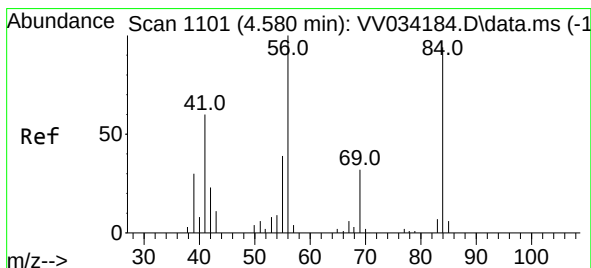
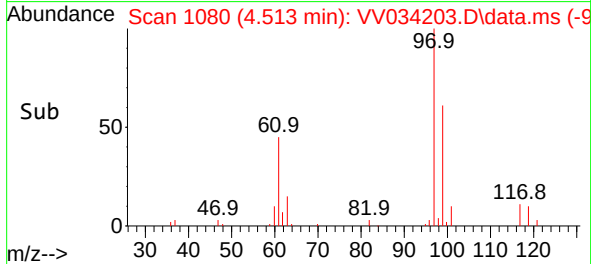
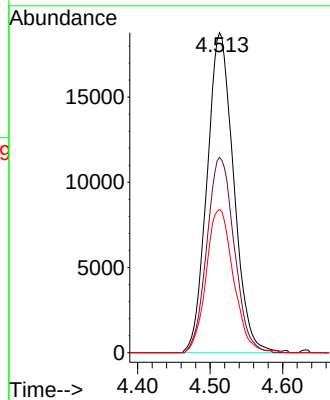
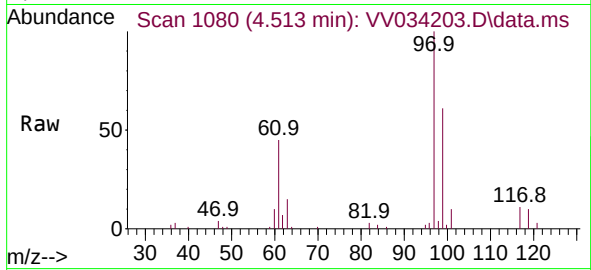
Tgt Ion: 97 Resp: 47909

Ion Ratio Lower Upper

97 100

99 62.7 50.6 75.8

61 46.0 36.8 55.2



#30

Cyclohexane

Concen: 4.344 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

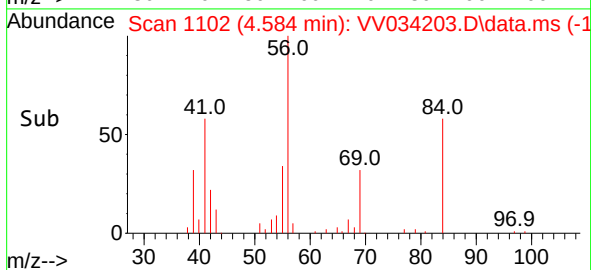
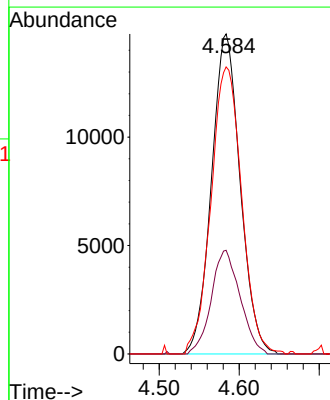
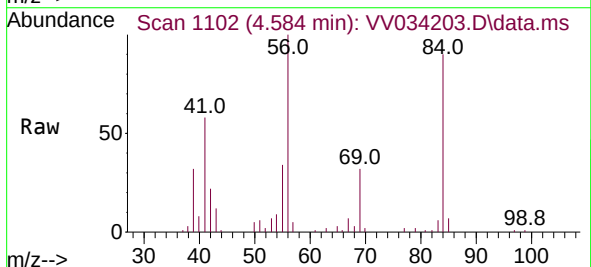
Tgt Ion: 56 Resp: 36715

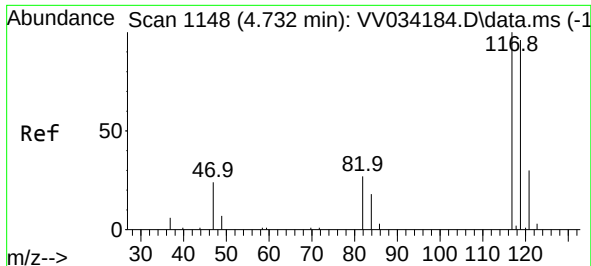
Ion Ratio Lower Upper

56 100

69 32.5 24.2 36.2

84 95.8 70.0 105.0

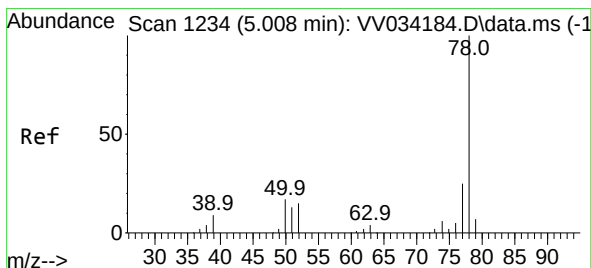
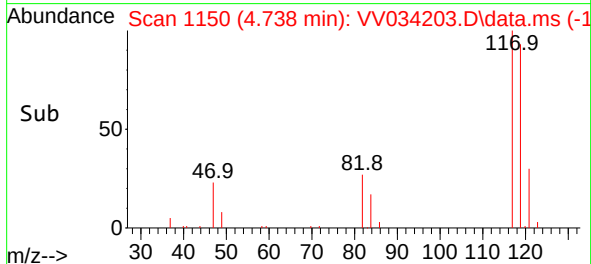
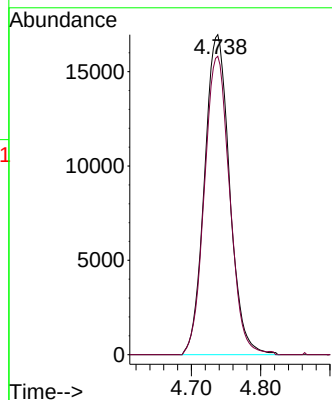
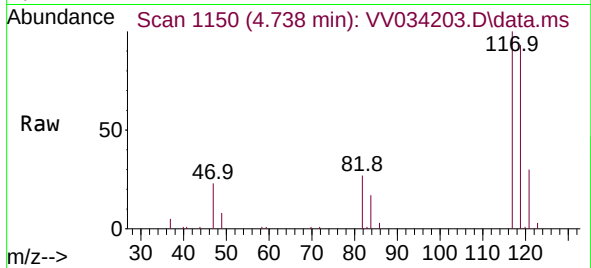




#31
Carbon tetrachloride
Concen: 5.608 ug/L
RT: 4.738 min Scan# 1148
Delta R.T. 0.006 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

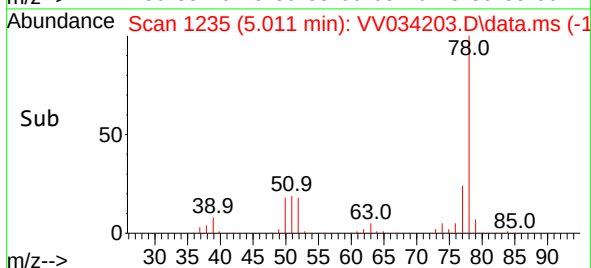
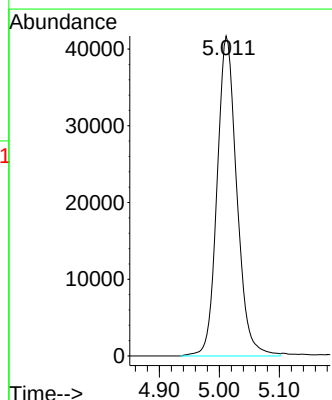
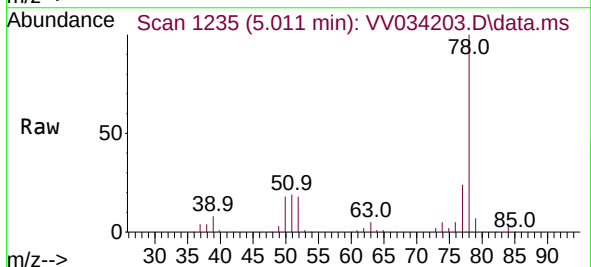
Instrument :
MSVOA_V
ClientSampleId :

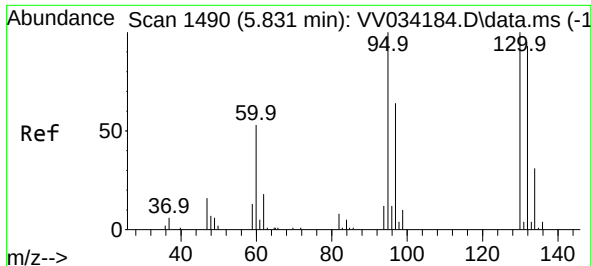
Tgt Ion:117 Resp: 42651
Ion Ratio Lower Upper
117 100
119 93.7 76.1 114.1



#33
Benzene
Concen: 4.894 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

Tgt Ion: 78 Resp: 95017

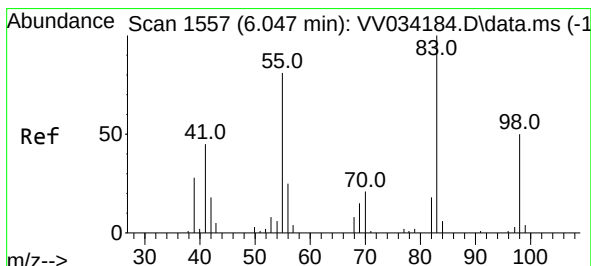
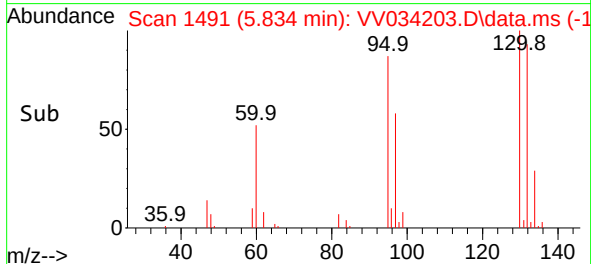
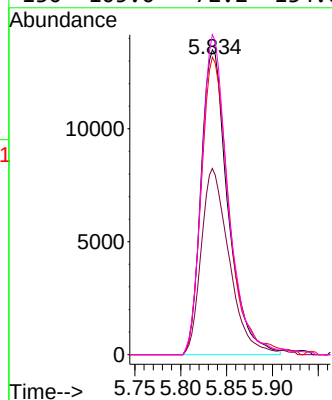
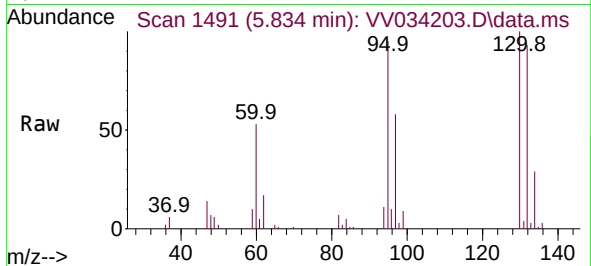




#34
Trichloroethene
Concen: 4.895 ug/L
RT: 5.834 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

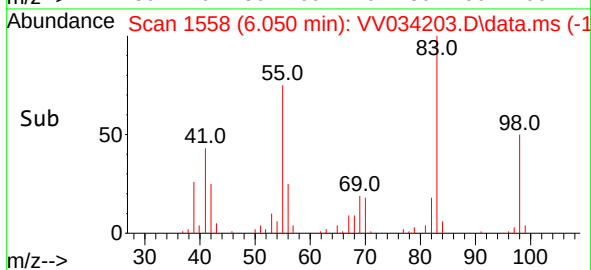
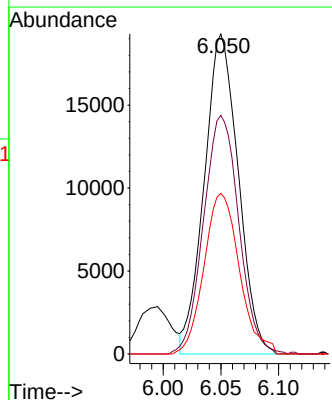
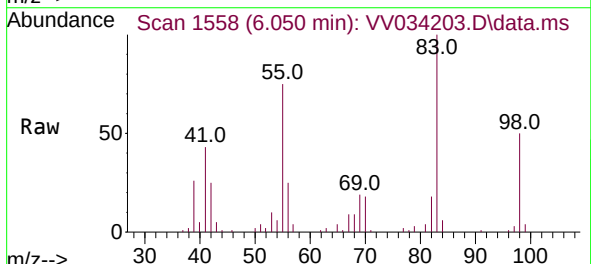
Instrument :
MSVOA_V
ClientSampleId :

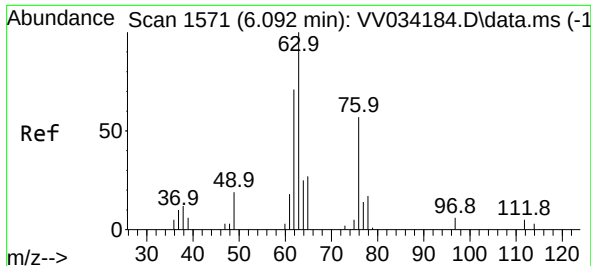
Tgt Ion: 95 Resp: 27505
Ion Ratio Lower Upper
95 100
97 61.1 45.1 83.7
132 97.5 66.0 122.6
130 105.0 72.2 134.0



#35
Methylcyclohexane
Concen: 4.478 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

Tgt Ion: 83 Resp: 39500
Ion Ratio Lower Upper
83 100
55 77.4 63.5 95.3
98 52.1 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.762 ug/L

RT: 6.095 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

Instrument :

MSVOA_V

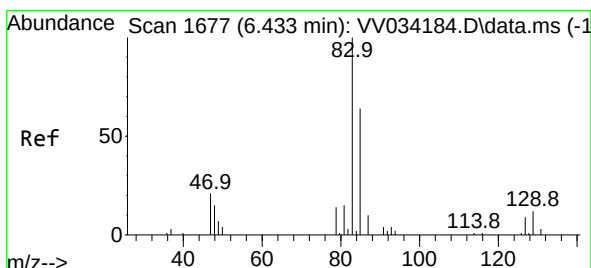
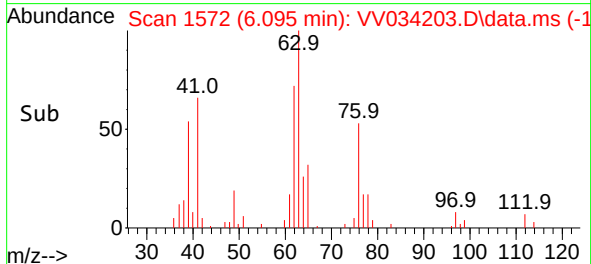
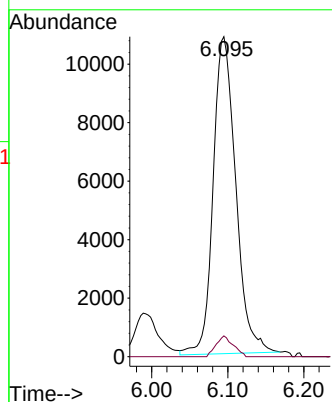
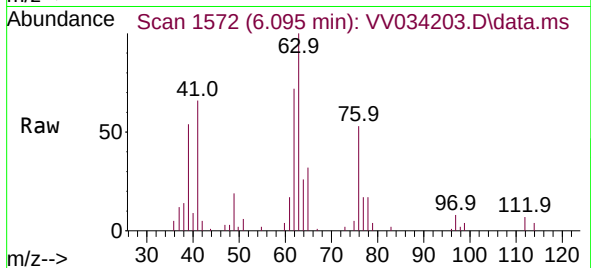
ClientSampleId :

Tgt Ion: 63 Resp: 22396

Ion Ratio Lower Upper

63 100

112 5.0 3.4 5.0



#38

Bromodichloromethane

Concen: 5.272 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

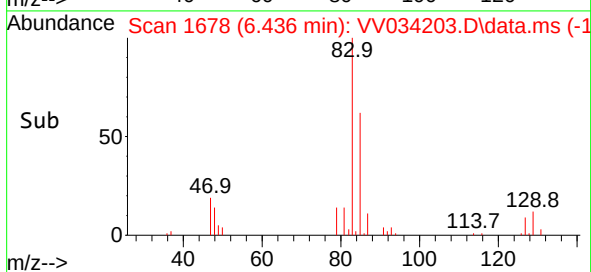
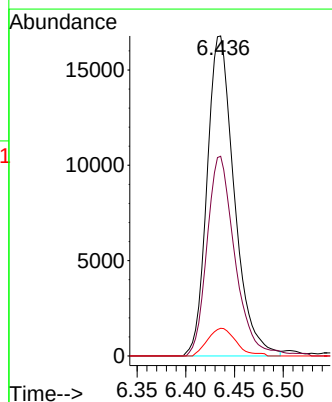
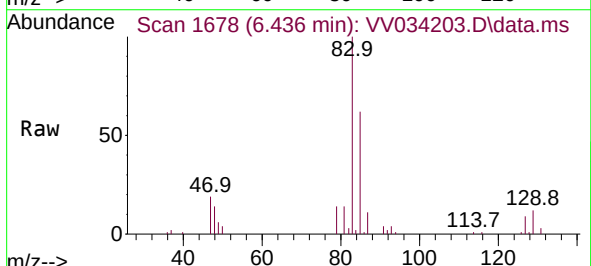
Tgt Ion: 83 Resp: 32547

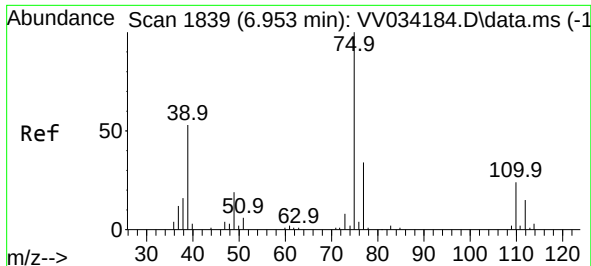
Ion Ratio Lower Upper

83 100

85 62.4 45.4 84.2

127 8.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.921 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

Instrument :

MSVOA_V

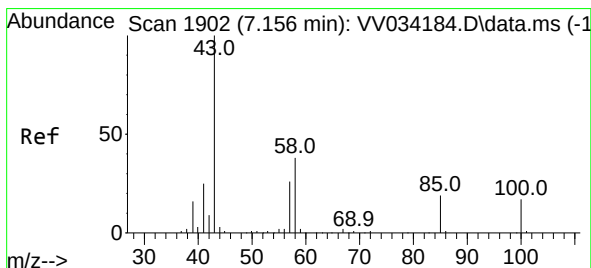
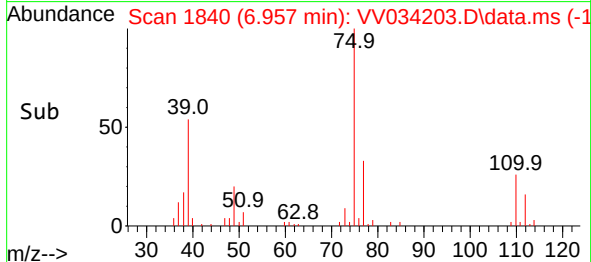
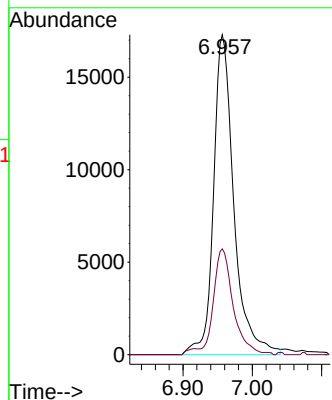
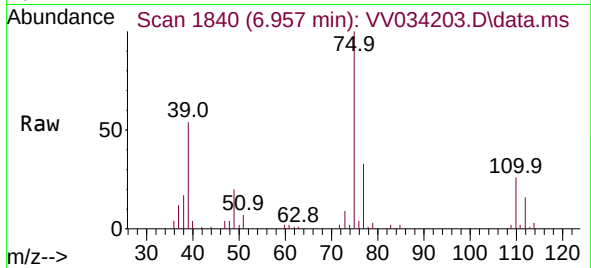
ClientSampleId :

Tgt Ion: 75 Resp: 35220

Ion Ratio Lower Upper

75 100

77 33.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 50.615 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.003 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

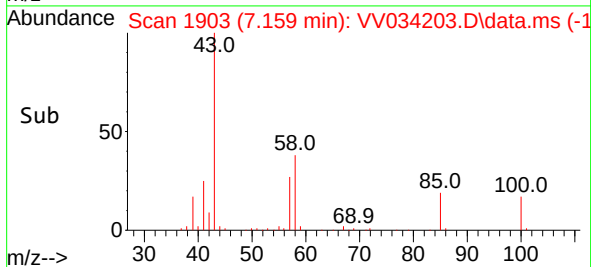
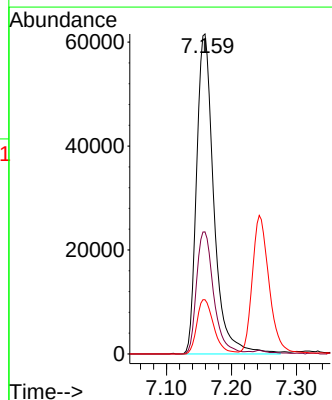
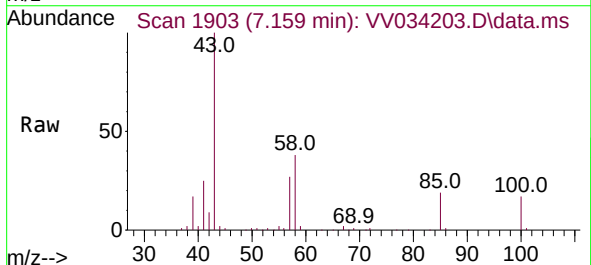
Tgt Ion: 43 Resp: 114000

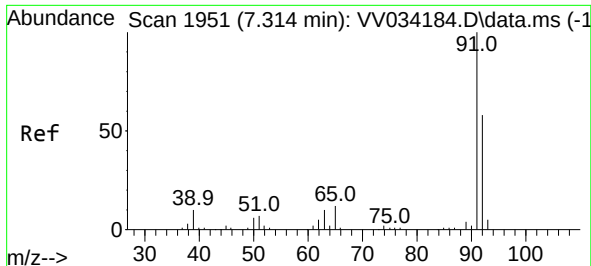
Ion Ratio Lower Upper

43 100

58 38.1 30.2 45.2

100 16.7 12.1 18.1





#42

Toluene

Concen: 5.065 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

Instrument :

MSVOA_V

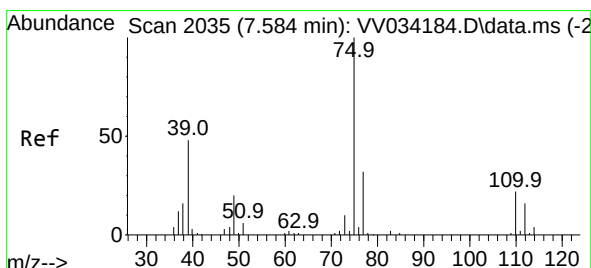
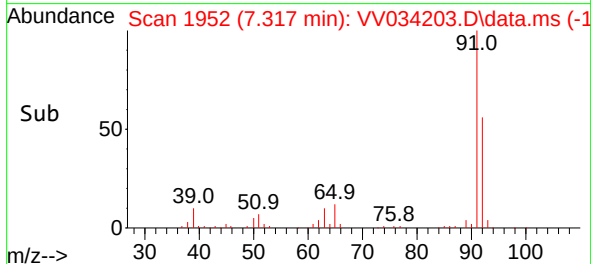
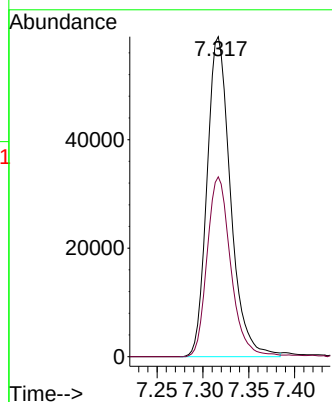
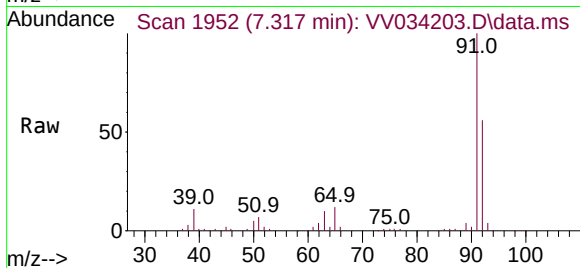
ClientSampleId :

Tgt Ion: 91 Resp: 105110

Ion Ratio Lower Upper

91 100

92 56.2 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.200 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034203.D

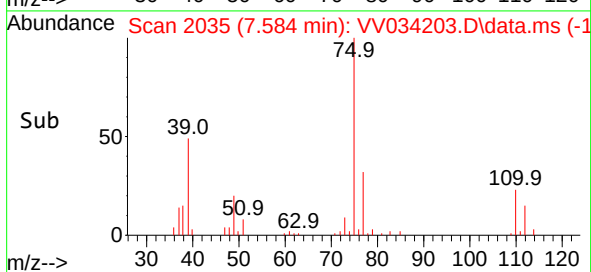
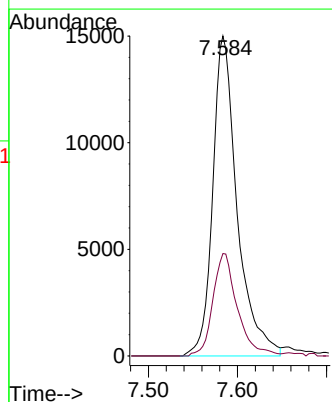
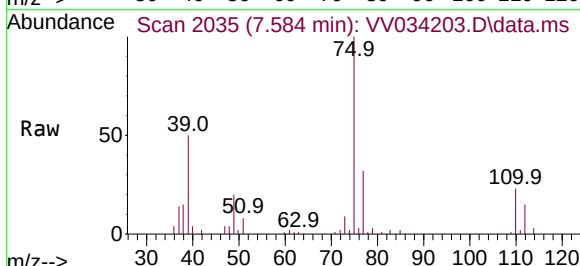
Acq: 15 Feb 2024 21:36

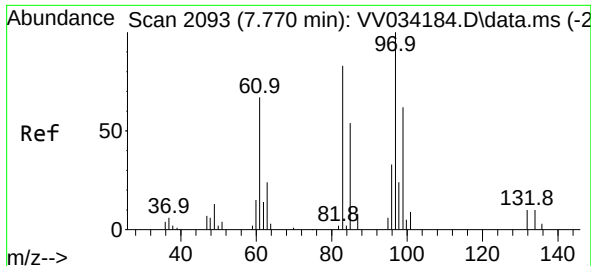
Tgt Ion: 75 Resp: 28576

Ion Ratio Lower Upper

75 100

77 32.0 22.2 41.2

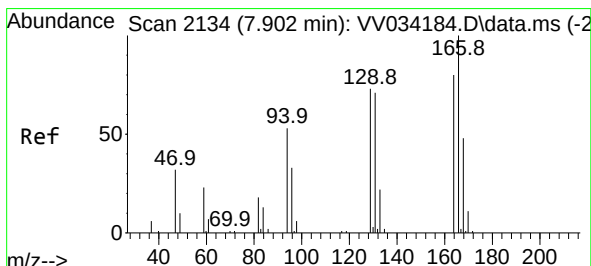
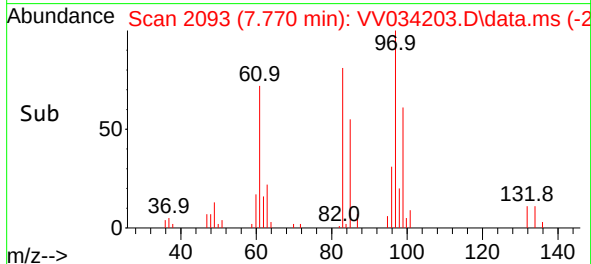
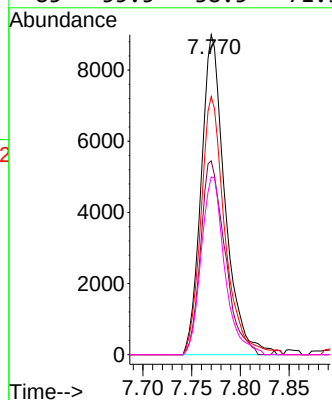
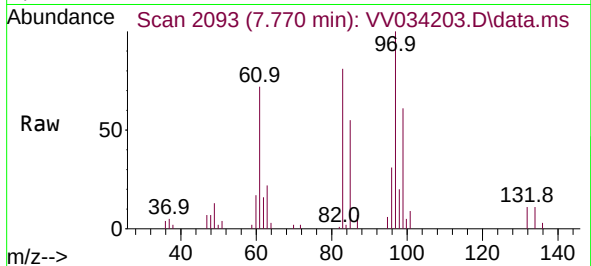




#45
1,1,2-Trichloroethane
Concen: 5.272 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

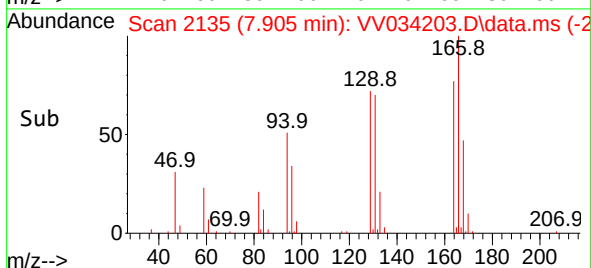
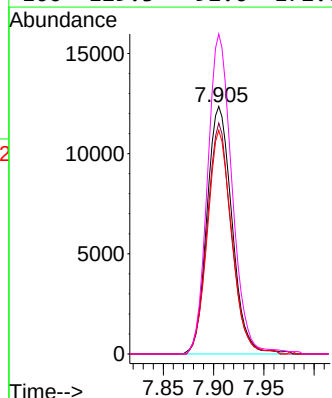
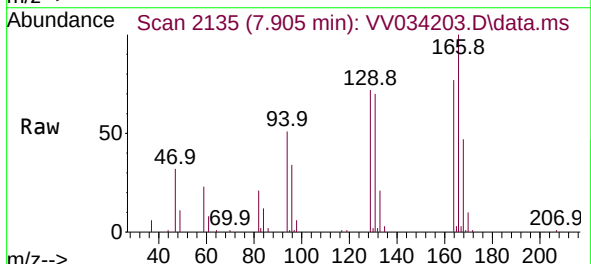
Instrument :
MSVOA_V
ClientSampleId :

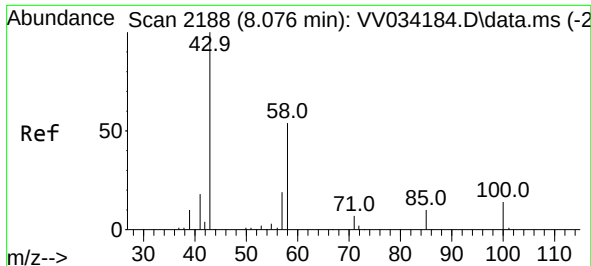
Tgt Ion:	97	Resp:	15312
Ion	Ratio	Lower	Upper
97	100		
99	60.6	45.6	84.6
83	80.6	62.3	115.7
85	55.5	38.5	71.5



#47
Tetrachloroethene
Concen: 4.689 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

Tgt Ion:	164	Resp:	21410
Ion	Ratio	Lower	Upper
164	100		
129	93.3	67.8	125.8
131	90.3	63.0	117.0
166	129.3	92.6	172.0

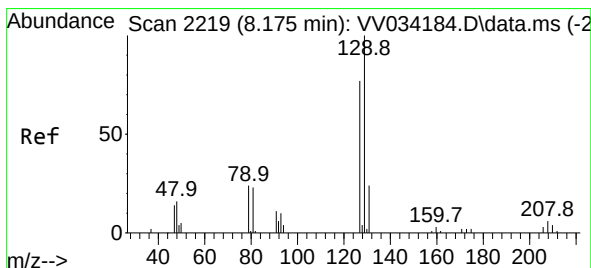
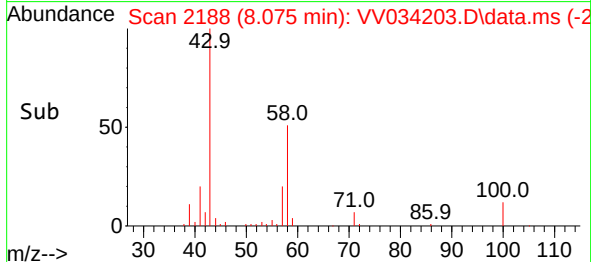
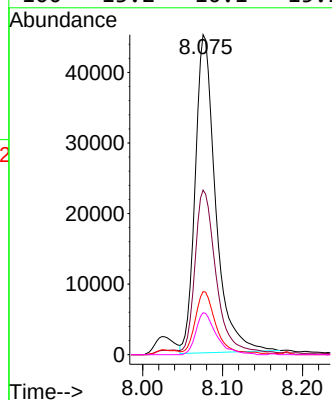
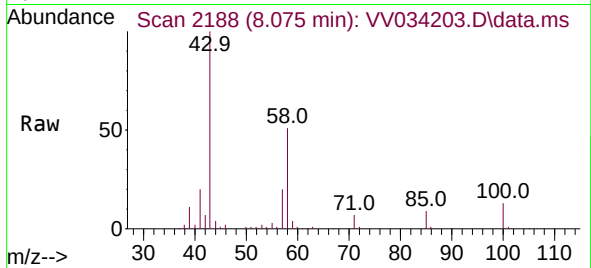




#48
2-Hexanone
Concen: 50.543 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

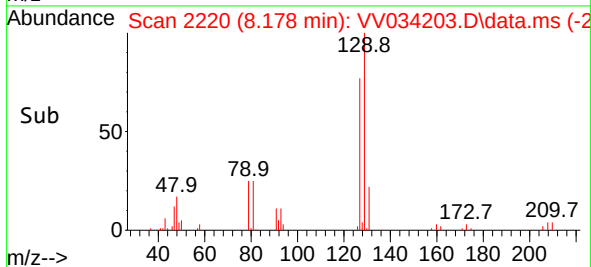
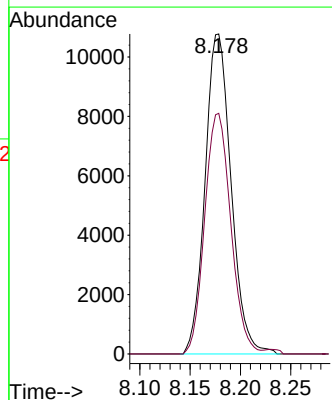
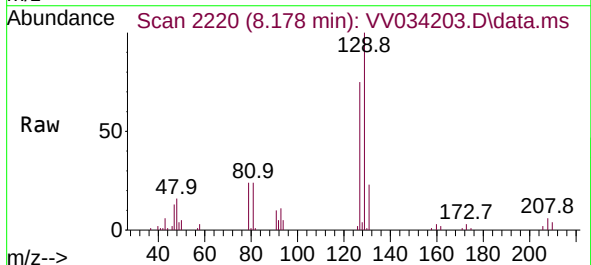
Instrument :
MSVOA_V
ClientSampleId :

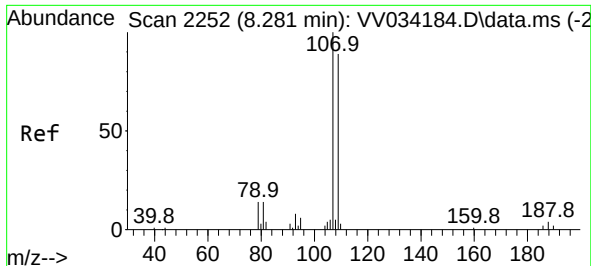
Tgt Ion: 43	Resp: 80243
Ion Ratio	Lower Upper
43 100	
58 53.0	42.6 64.0
57 19.9	15.5 23.3
100 13.2	10.1 15.1



#49
Dibromochloromethane
Concen: 5.618 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

Tgt Ion:129	Resp: 19388		
Ion Ratio	Lower	Upper	
129 100			
127 75.2	53.5	99.5	





#50

1,2-Dibromoethane

Concen: 5.151 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

Instrument :

MSVOA_V

ClientSampleId :

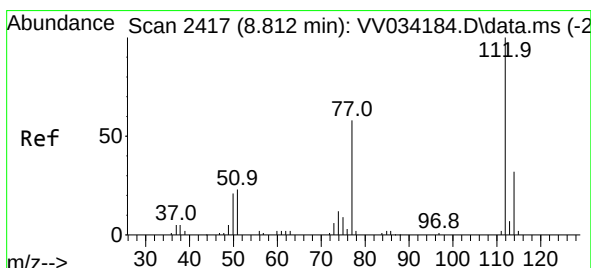
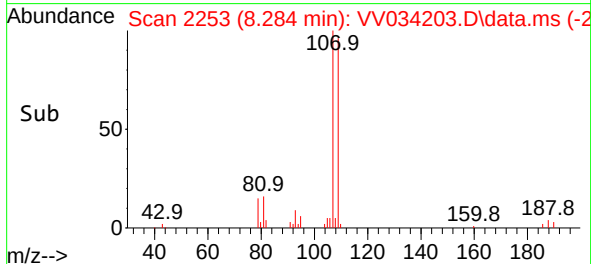
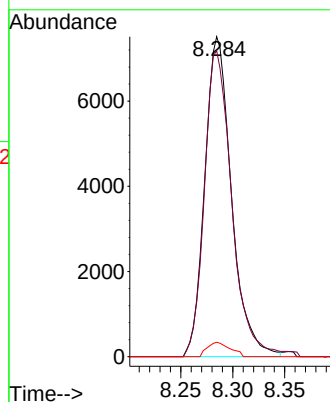
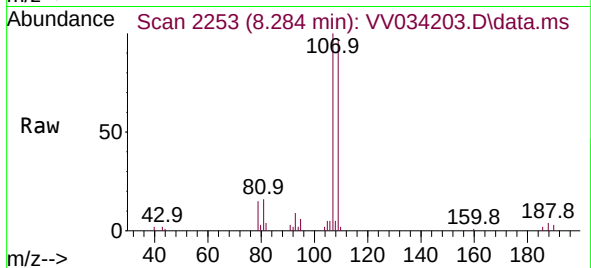
Tgt Ion:107 Resp: 13428

Ion Ratio Lower Upper

107 100

109 95.6 64.5 119.9

188 4.5 2.6 4.0#



#51

Chlorobenzene

Concen: 5.085 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

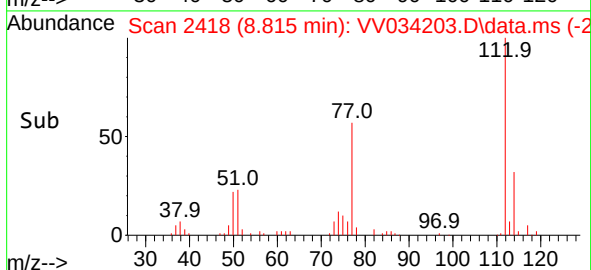
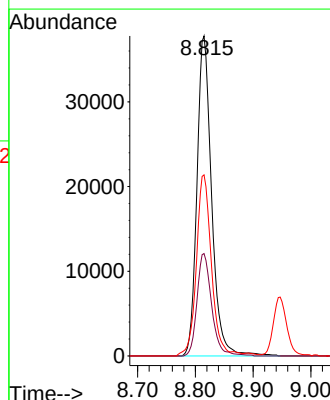
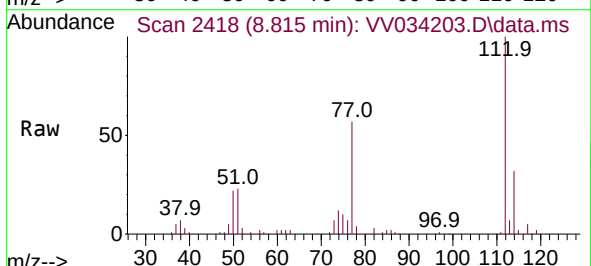
Tgt Ion:112 Resp: 66724

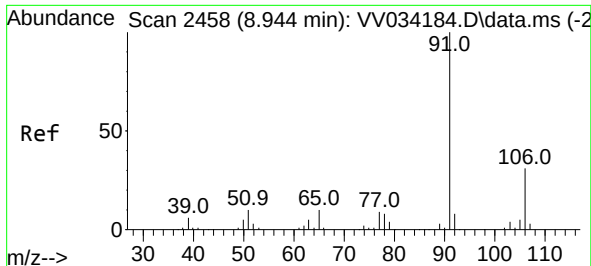
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.7

77 56.6 48.1 72.1

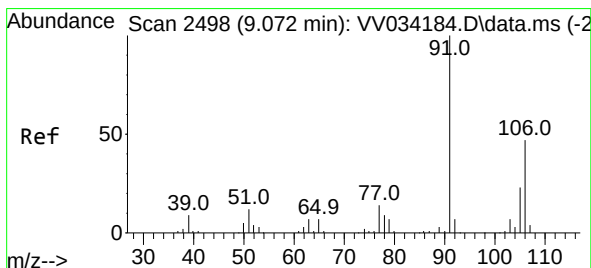
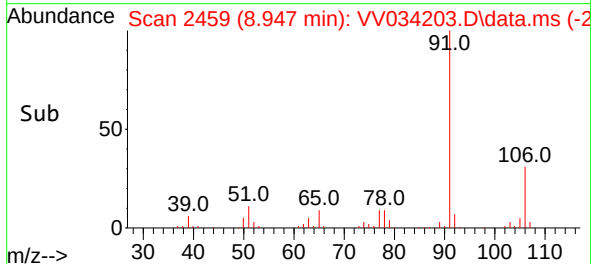
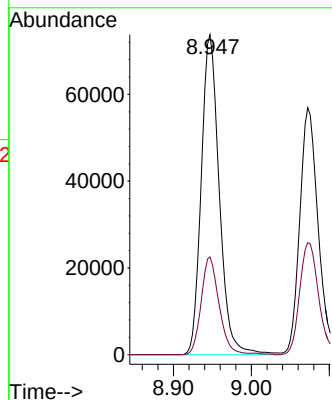
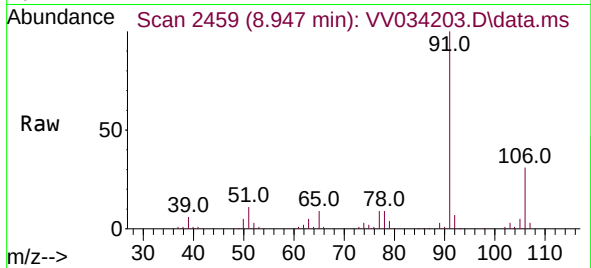




#52
Ethylbenzene
Concen: 4.963 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

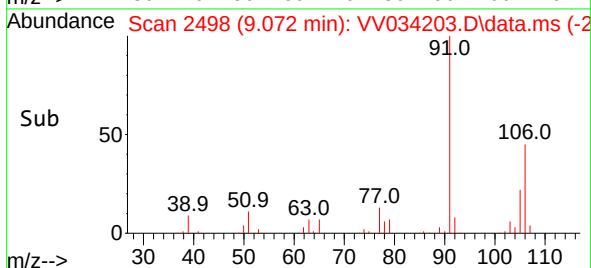
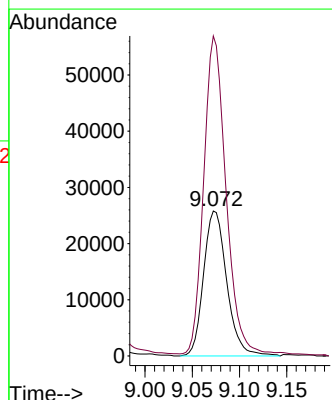
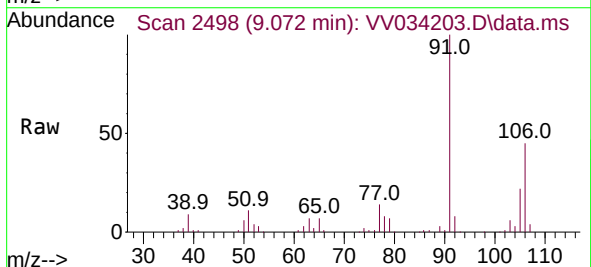
Instrument :
MSVOA_V
ClientSampleId :

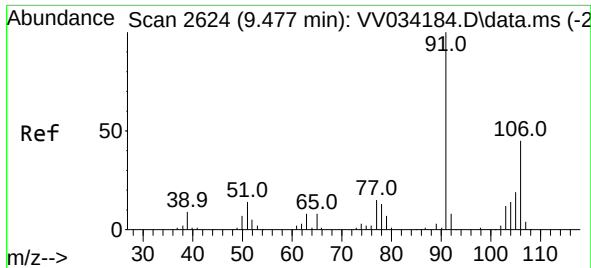
Tgt Ion: 91 Resp: 118552
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 4.880 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

Tgt Ion:106 Resp: 44051
Ion Ratio Lower Upper
106 100
91 220.7 147.5 273.9

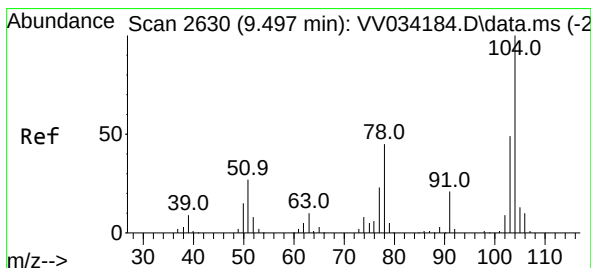
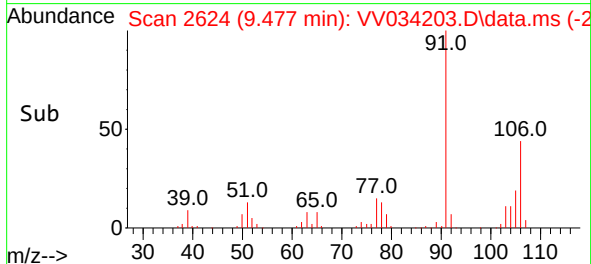
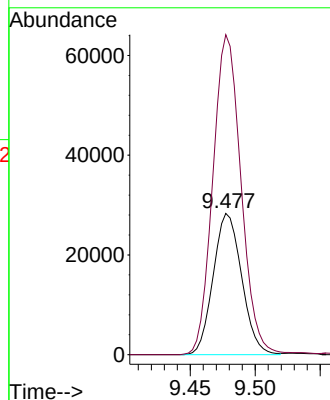
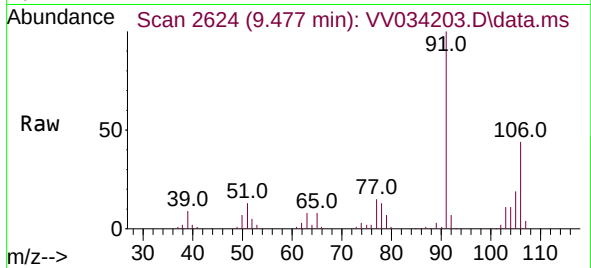




#54
o-Xylene
Concen: 4.957 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

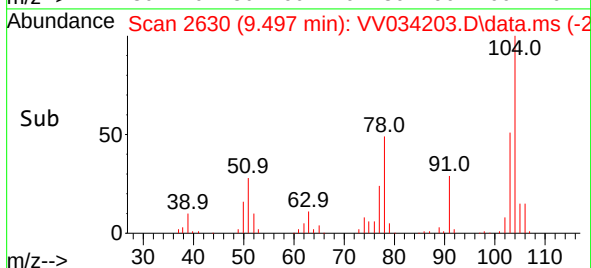
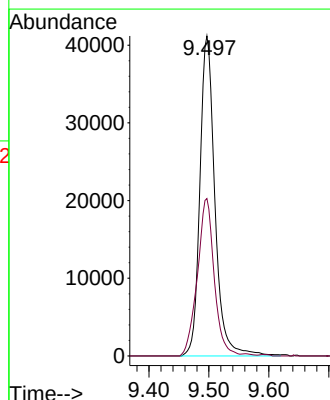
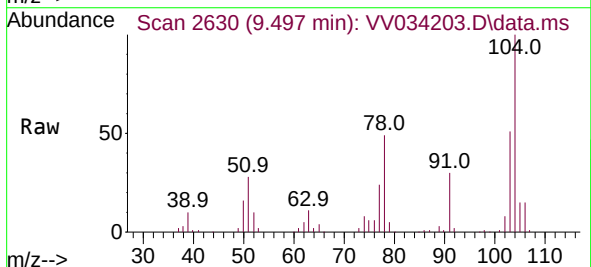
Instrument :
MSVOA_V
ClientSampleId :

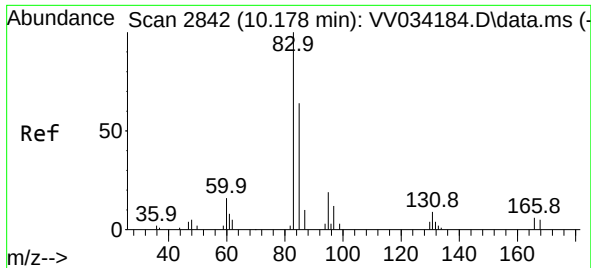
Tgt Ion:106 Resp: 43146
Ion Ratio Lower Upper
106 100
91 226.5 156.2 290.0



#55
Styrene
Concen: 5.174 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

Tgt Ion:104 Resp: 72106
Ion Ratio Lower Upper
104 100
78 49.2 32.9 61.1

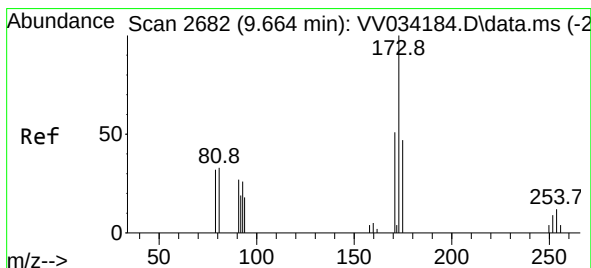
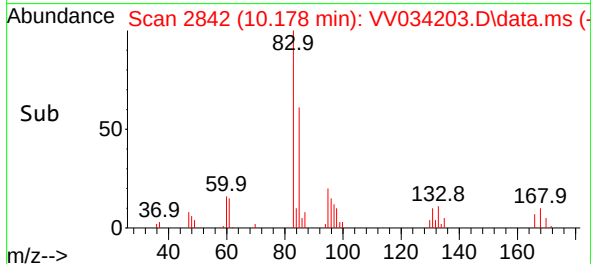
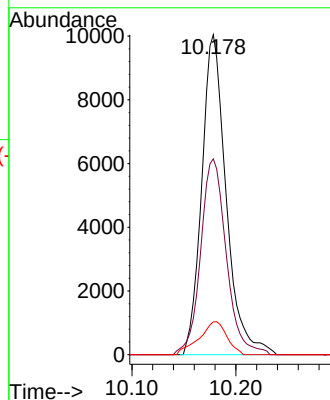
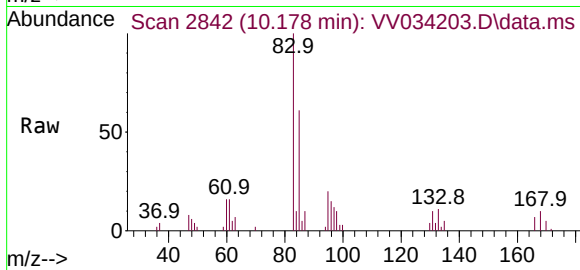




#57
1,1,2,2-Tetrachloroethane
Concen: 5.348 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

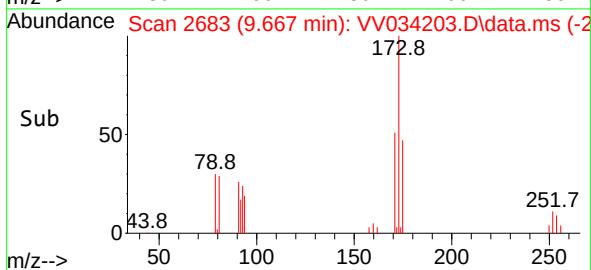
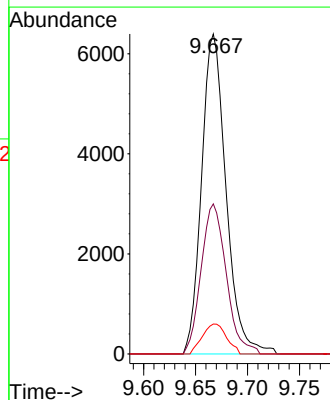
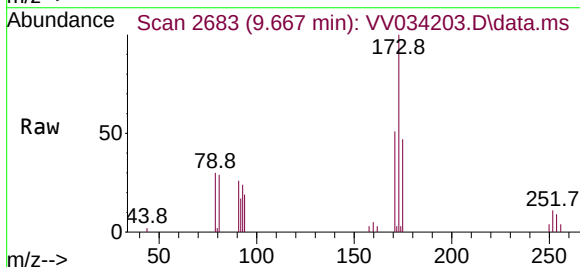
Instrument :
MSVOA_V
ClientSampleId :

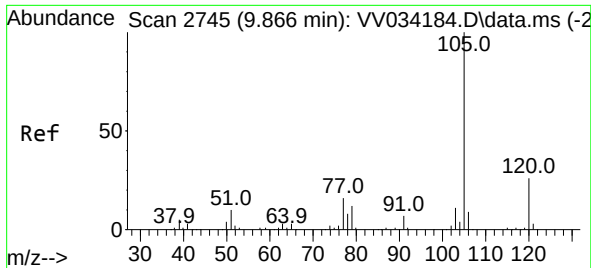
Tgt Ion: 83 Resp: 16392
Ion Ratio Lower Upper
83 100
85 61.2 46.5 86.3
131 10.3 8.4 12.6



#59
Bromoform
Concen: 5.673 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.003 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

Tgt Ion: 173 Resp: 10473
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
254 9.2 7.2 10.8

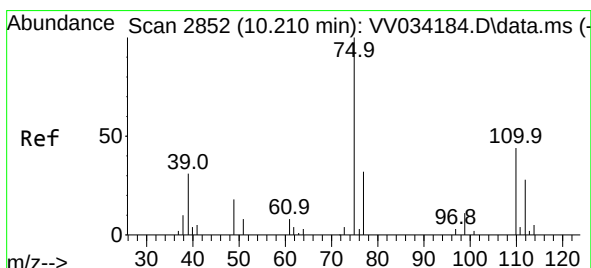
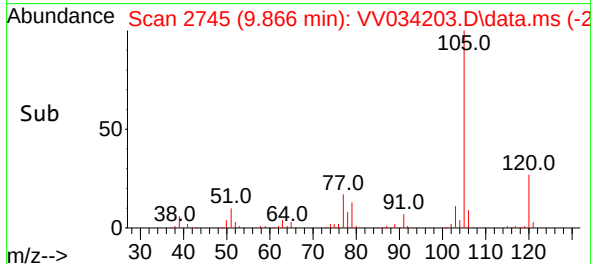
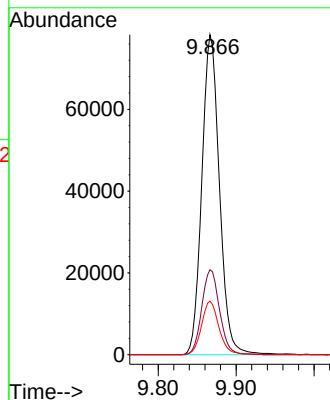
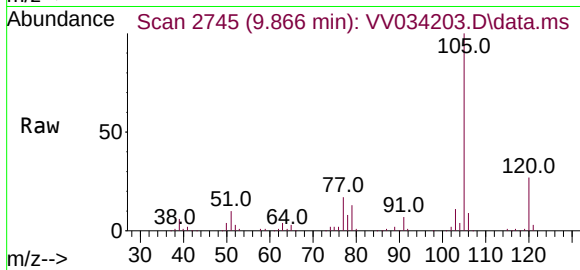




#60
Isopropylbenzene
Concen: 4.949 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

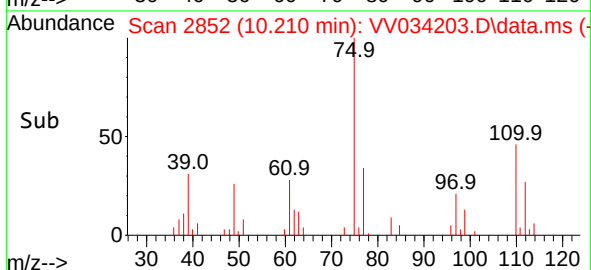
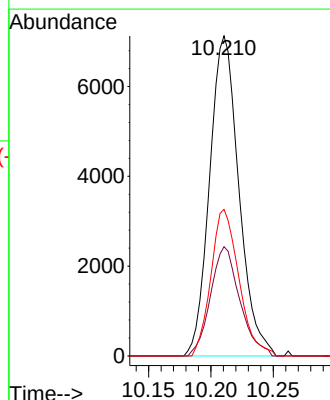
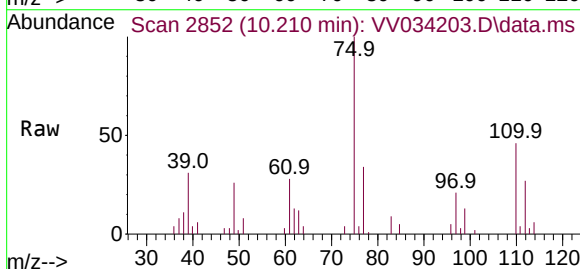
Instrument :
MSVOA_V
ClientSampleId :

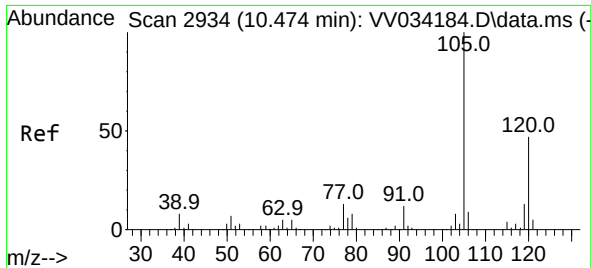
Tgt Ion:105 Resp: 122699
Ion Ratio Lower Upper
105 100
120 26.8 20.7 31.1
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.055 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

Tgt Ion: 75 Resp: 11645
Ion Ratio Lower Upper
75 100
77 34.1 26.9 40.3
110 43.8 33.3 49.9

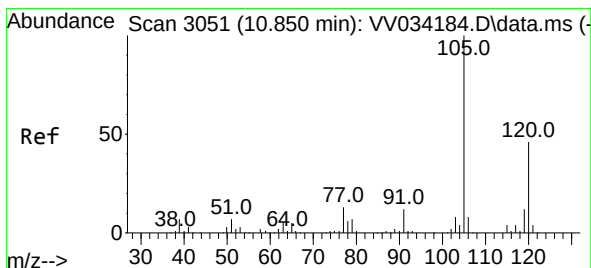
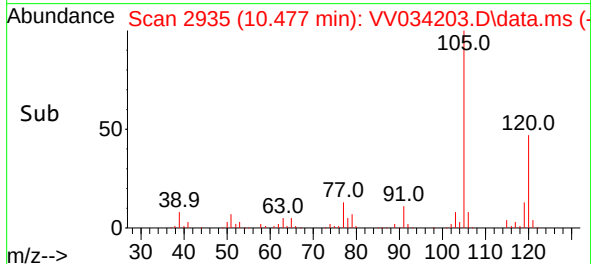
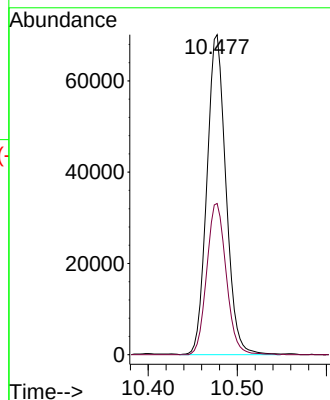
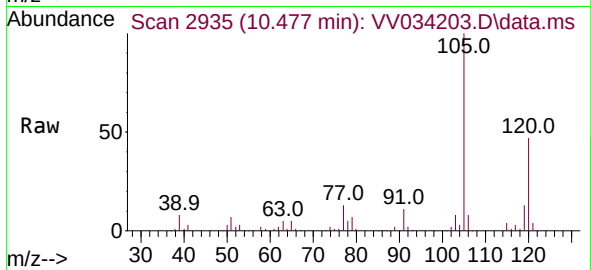




#62
1,3,5-Trimethylbenzene
Concen: 4.965 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

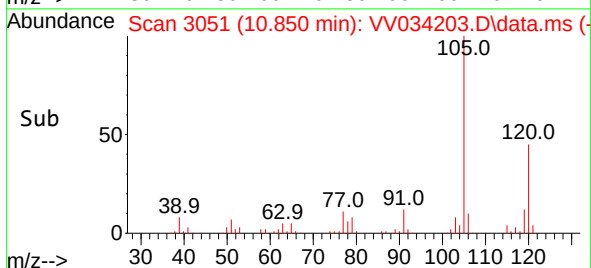
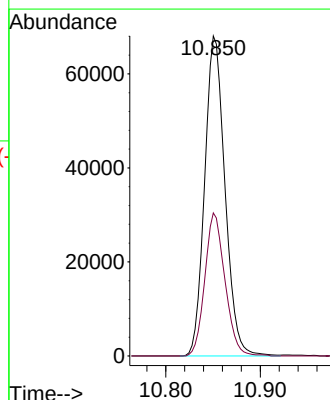
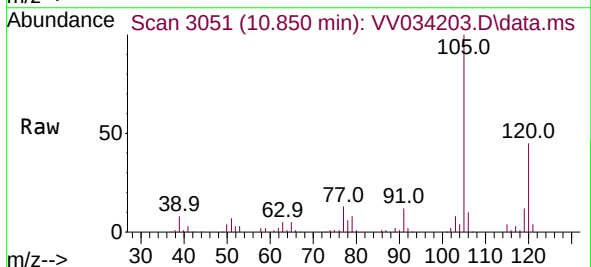
Instrument :
MSVOA_V
ClientSampleId :

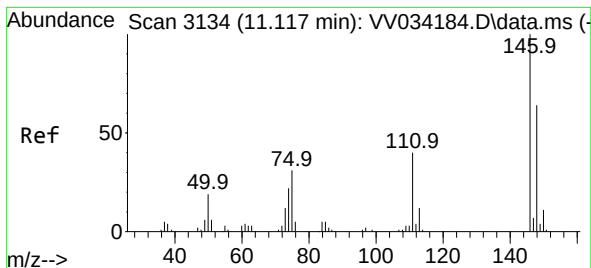
Tgt Ion:105 Resp: 104065
Ion Ratio Lower Upper
105 100
120 48.2 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 4.993 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

Tgt Ion:105 Resp: 101687
Ion Ratio Lower Upper
105 100
120 44.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.093 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

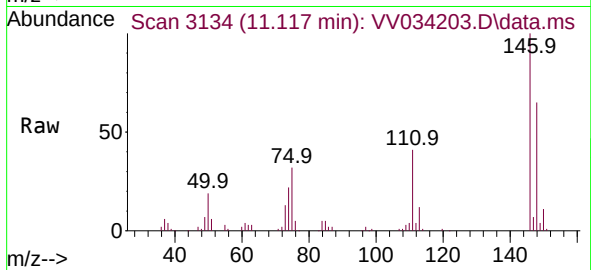
Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

Instrument :

MSVOA_V

ClientSampleId :



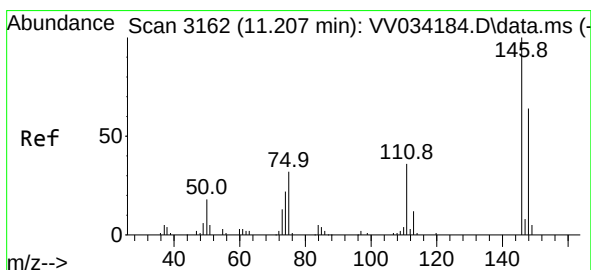
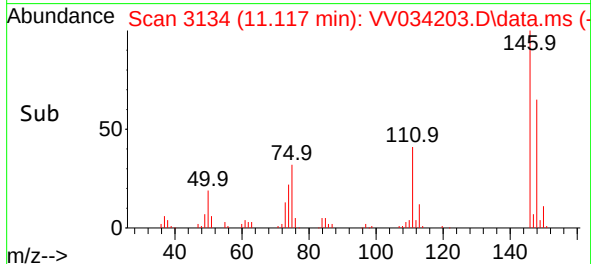
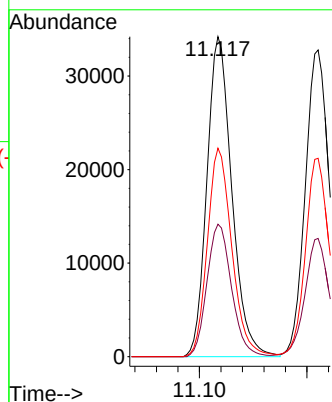
Tgt Ion:146 Resp: 55057

Ion Ratio Lower Upper

146 100

111 41.4 28.5 52.9

148 65.1 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 5.015 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

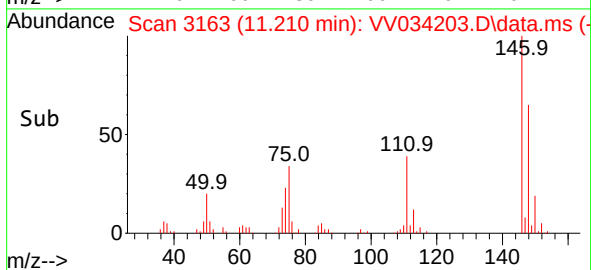
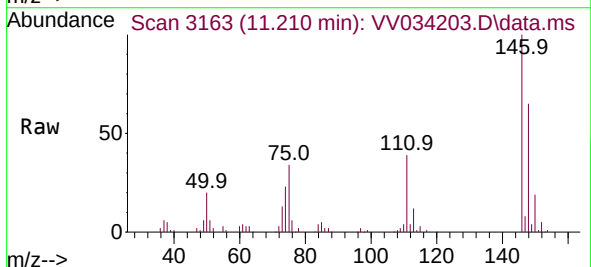
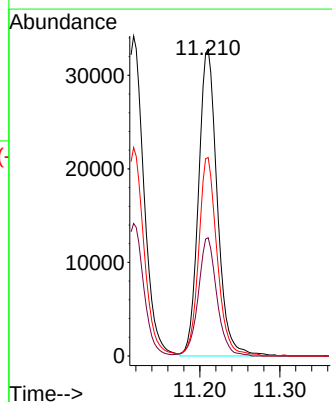
Tgt Ion:146 Resp: 53691

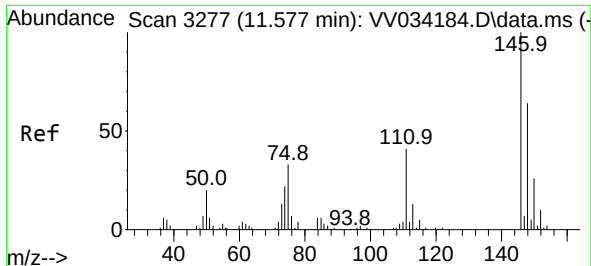
Ion Ratio Lower Upper

146 100

111 38.5 27.6 51.4

148 64.7 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.233 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

Instrument :

MSVOA_V

ClientSampleId :

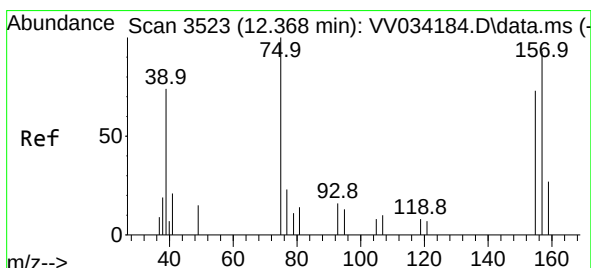
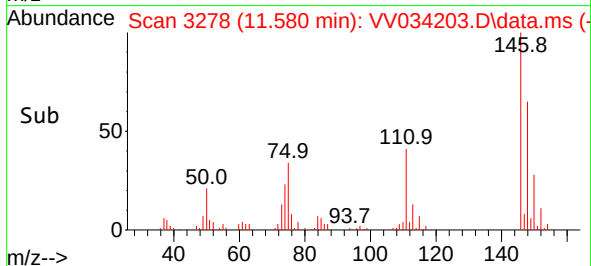
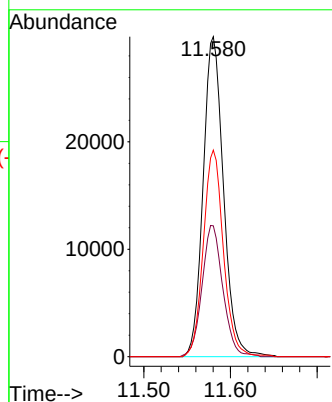
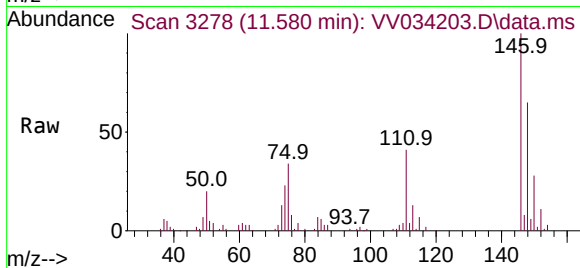
Tgt Ion:146 Resp: 48584

Ion Ratio Lower Upper

146 100

111 40.9 31.2 46.8

148 64.6 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.213 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

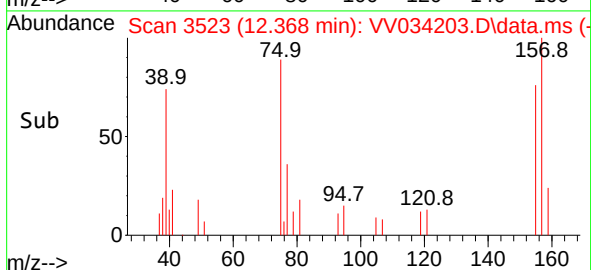
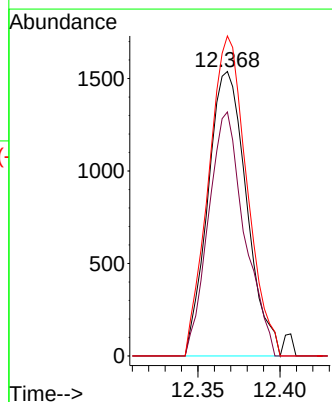
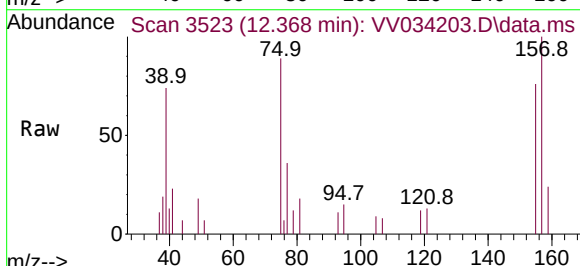
Tgt Ion: 75 Resp: 2517

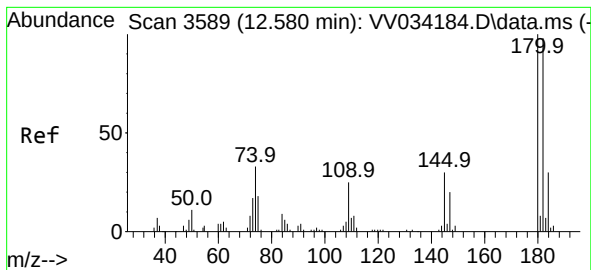
Ion Ratio Lower Upper

75 100

155 85.8 68.9 103.3

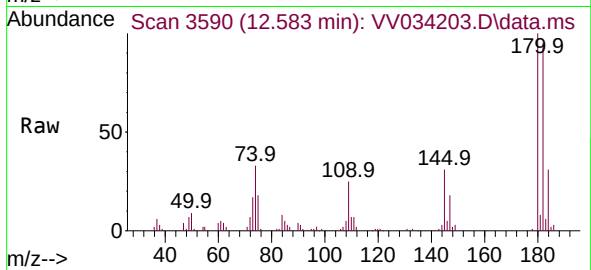
157 112.5 84.6 127.0



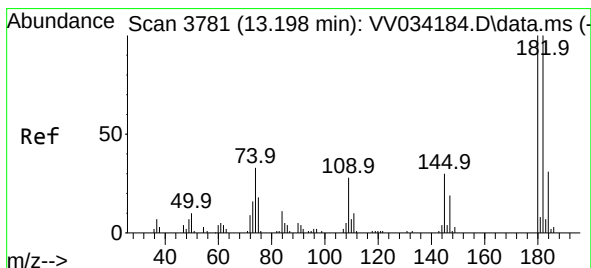
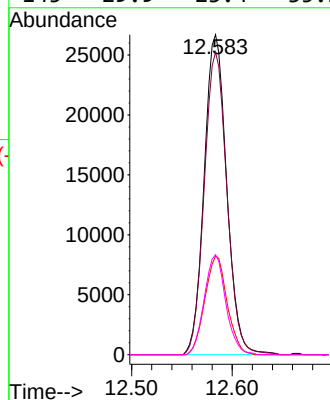
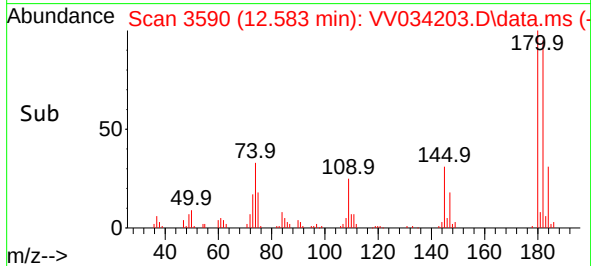


#69
1,3,5-Trichlorobenzene
Concen: 4.966 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36

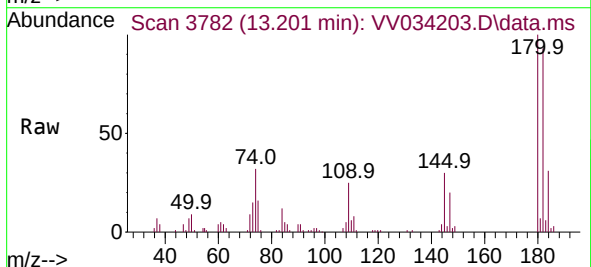
Instrument :
MSVOA_V
ClientSampleId :



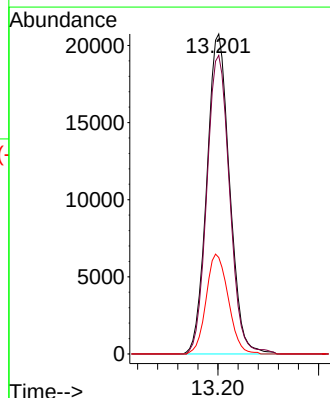
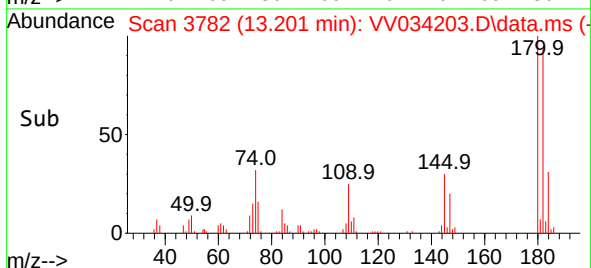
Tgt Ion:180 Resp: 41551
Ion Ratio Lower Upper
180 100
182 95.1 77.0 115.4
184 30.4 23.8 35.6
145 29.9 23.4 35.2

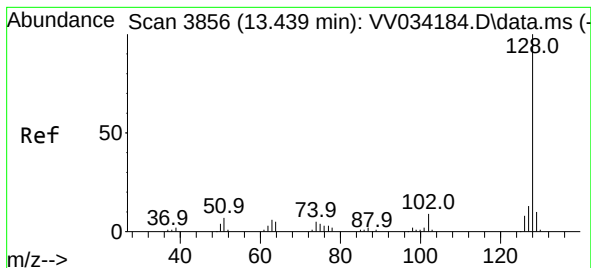


#70
1,2,4-trichlorobenzene
Concen: 4.986 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV034203.D
Acq: 15 Feb 2024 21:36



Tgt Ion:180 Resp: 32562
Ion Ratio Lower Upper
180 100
182 93.4 76.8 115.2
145 30.4 24.8 37.2





#71

Naphthalene

Concen: 5.308 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

Instrument :

MSVOA_V

ClientSampleId :

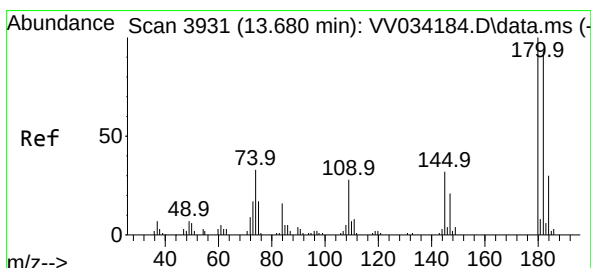
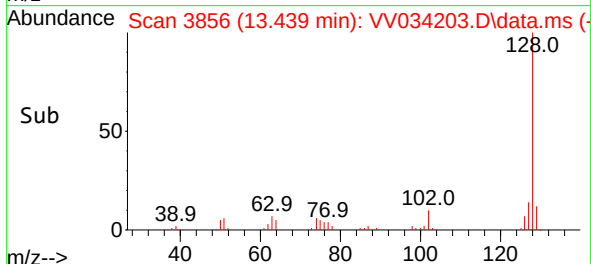
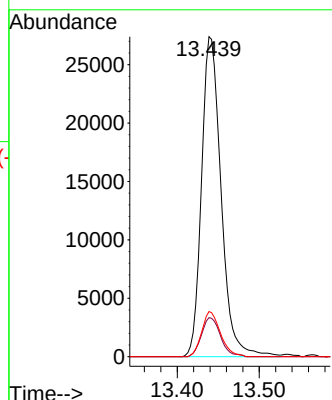
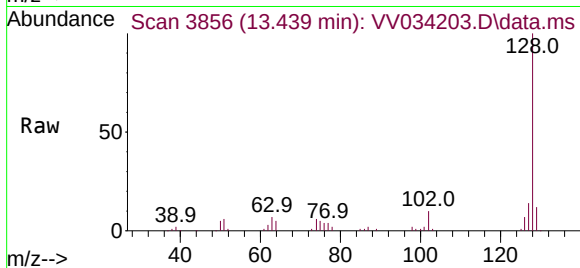
Tgt Ion:128 Resp: 45429

Ion Ratio Lower Upper

128 100

129 11.9 8.5 12.7

127 13.5 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.175 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034203.D

Acq: 15 Feb 2024 21:36

Tgt Ion:180 Resp: 27084

Ion Ratio Lower Upper

180 100

182 97.5 75.0 112.6

145 33.0 25.2 37.8

