

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033704.D
 Acq On : 17 Jan 2024 04:54
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 05:13:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 01:35:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	108478	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	100478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52117	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	20895	3.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.535	69	20932	3.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.063	65	10258	3.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	3.812	46	71003	48.956	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.920%
24) Chloroform-d	4.252	84	59169	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.947	65	27340	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	4.963	84	102449	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	5.992	67	33128	4.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.243	98	92083	4.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.558	79	11832	4.234	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.027	63	54356	49.544	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.080%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	22435	4.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	35840	4.479	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	47842	4.841	ug/L	100
3) Chloromethane	1.217	50	55172	4.656	ug/L	98
5) Vinyl chloride	1.285	62	55575	4.925	ug/L	98
6) Bromomethane	1.490	94	20223	3.583	ug/L	97
8) Chloroethane	1.551	64	35098	5.121	ug/L	95
9) Trichlorofluoromethane	1.715	101	74825	5.457	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	39453	5.120	ug/L	97
12) 1,1-Dichloroethene	2.072	96	39735	5.196	ug/L	97
13) Acetone	2.140	43	49648	42.168	ug/L	93
14) Carbon disulfide	2.243	76	137320	4.854	ug/L	99
15) Methyl Acetate	2.387	43	13994	4.973	ug/L	97
16) Methylene chloride	2.449	84	42945	4.759	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	89573	5.173	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	43634	5.051	ug/L	94
19) 1,1-Dichloroethane	3.114	63	84581	4.928	ug/L	97
21) 2-Butanone	3.892	43	73581	45.022	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	46356	5.125	ug/L	100
23) Bromochloromethane	4.153	128	17281	5.239	ug/L	95
25) Chloroform	4.278	83	81761	5.188	ug/L	100

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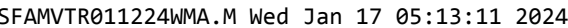
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 MSVOA_V
 ClientSampleId :

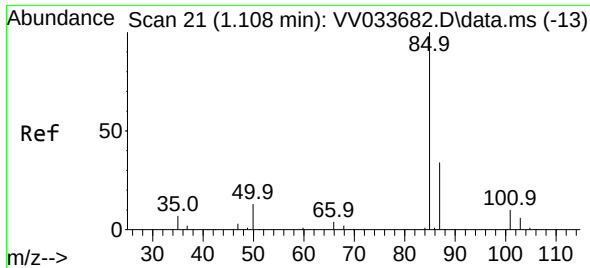
Quant Time: Jan 17 05:13:02 2024
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	46674	5.198	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	74582	5.235	ug/L	100
30) Cyclohexane	4.583	56	78490	4.597	ug/L	95
31) Carbon tetrachloride	4.738	117	64037	5.272	ug/L	98
33) Benzene	5.011	78	177725	4.982	ug/L	100
34) Trichloroethene	5.834	95	46282	4.874	ug/L	99
35) Methylcyclohexane	6.050	83	75451	4.694	ug/L	97
37) 1,2-Dichloropropane	6.095	63	43779	4.942	ug/L	100
38) Bromodichloromethane	6.432	83	55015	5.095	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	61650	4.873	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	198337	48.702	ug/L	98
42) Toluene	7.316	91	190822	5.058	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	49006	4.807	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	24962	5.072	ug/L	98
47) Tetrachloroethene	7.905	164	35458	5.197	ug/L	100
48) 2-Hexanone	8.079	43	138600	46.457	ug/L	99
49) Dibromochloromethane	8.178	129	31955	5.214	ug/L	99
50) 1,2-Dibromoethane	8.284	107	23362	5.142	ug/L	97
51) Chlorobenzene	8.815	112	118422	5.124	ug/L	99
52) Ethylbenzene	8.947	91	218746	5.002	ug/L	97
53) m,p-Xylene	9.072	106	79699	4.946	ug/L	96
54) o-Xylene	9.477	106	78901	5.032	ug/L	100
55) Styrene	9.496	104	128649	5.148	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	28219	5.224	ug/L	95
59) Bromoform	9.667	173	15571	4.950	ug/L	99
60) Isopropylbenzene	9.866	105	204681	4.964	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	21067	5.043	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	178177	5.001	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	181565	5.048	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	92744	5.086	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	88606	4.962	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	80140	5.057	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	4227	4.604	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	69468	4.907	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	54533	4.623	ug/L	99
71) Naphthalene	13.442	128	64420	3.272	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	42316	4.473	ug/L	99

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

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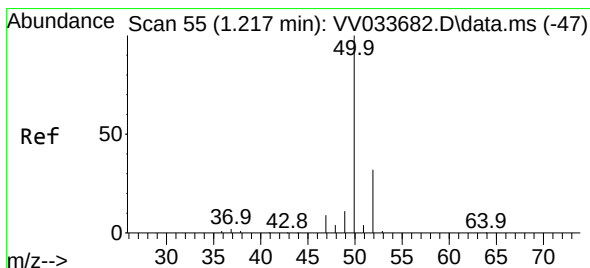
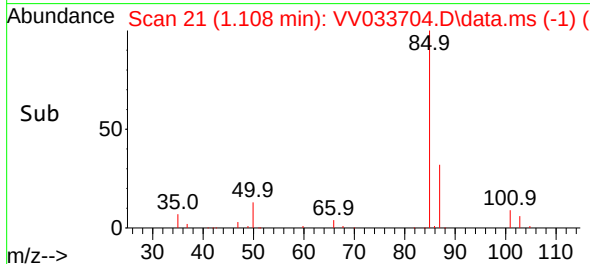
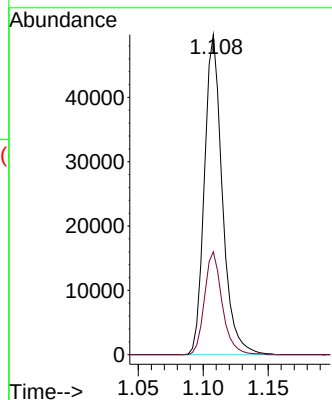
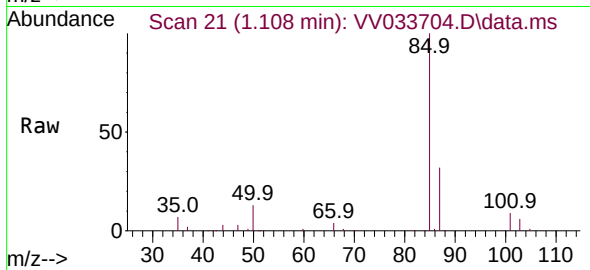




#2
 Dichlorodifluoromethane
 Concen: 4.841 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033704.D
 Acq: 17 Jan 2024 04:54

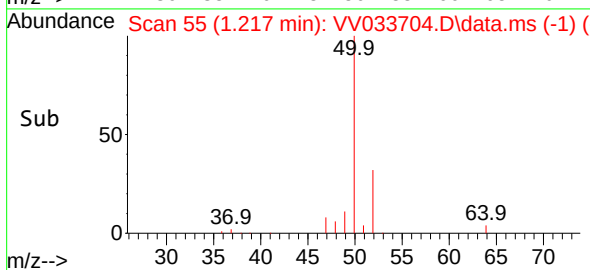
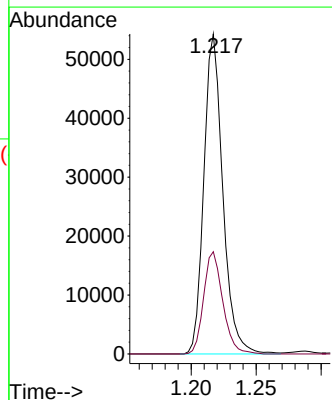
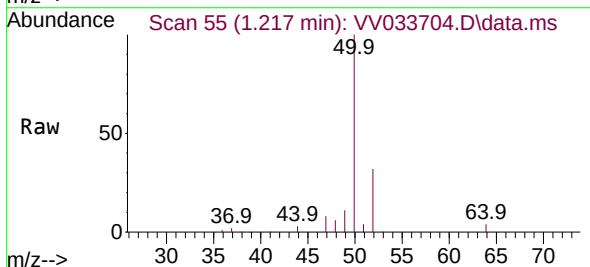
Instrument :
 MSVOA_V
 ClientSampleId :

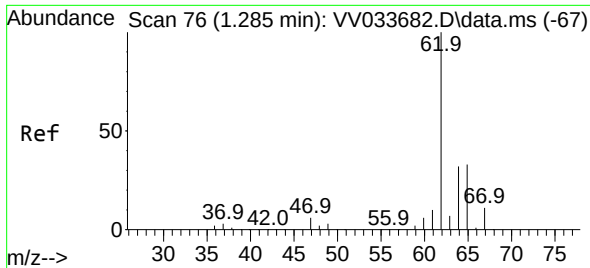
Tgt Ion: 85 Resp: 47842
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.2 37.8



#3
 Chloromethane
 Concen: 4.656 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV033704.D
 Acq: 17 Jan 2024 04:54

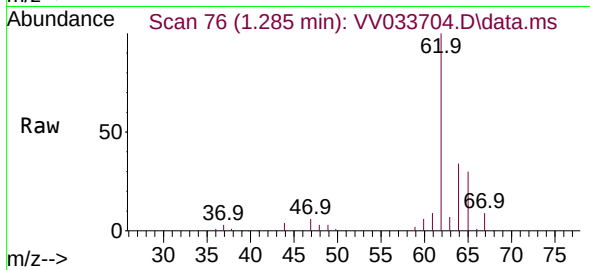
Tgt Ion: 50 Resp: 55172
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.1 42.9



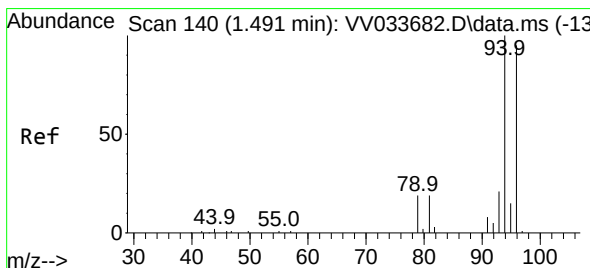
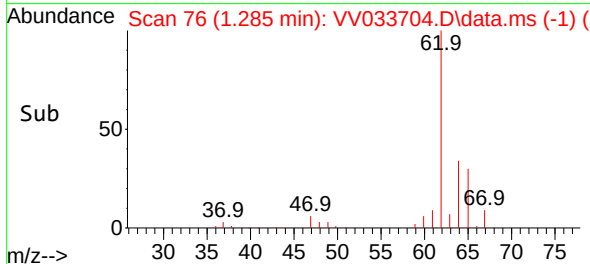
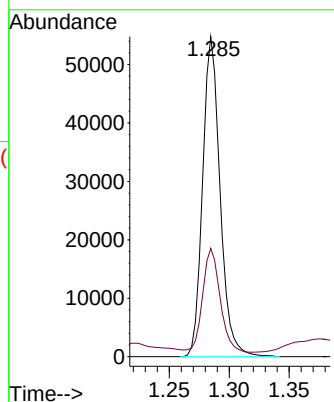


#5
 Vinyl chloride
 Concen: 4.925 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033704.D
 Acq: 17 Jan 2024 04:54

Instrument :
 MSVOA_V
 ClientSampleId :

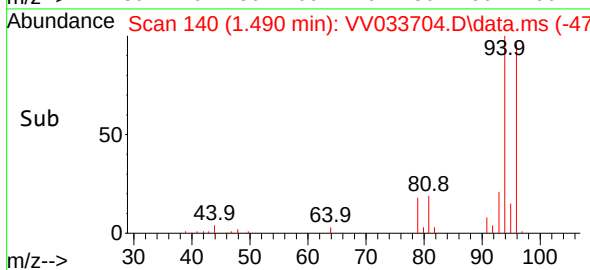
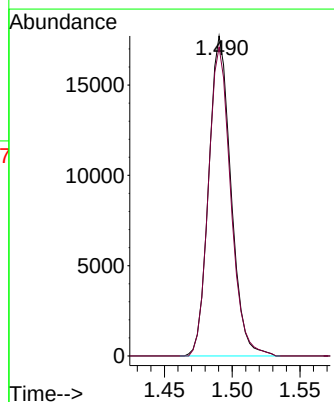
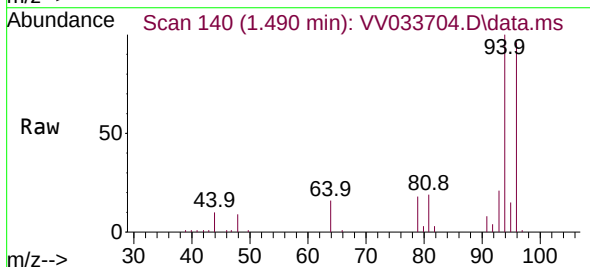


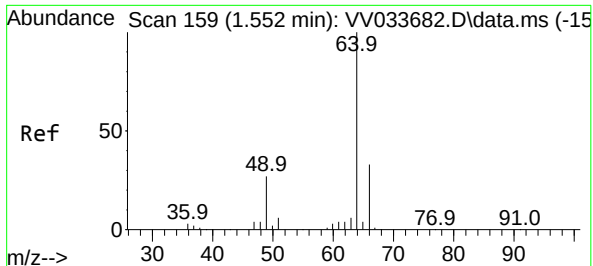
Tgt Ion: 62 Resp: 55575
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.0 42.8



#6
 Bromomethane
 Concen: 3.583 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV033704.D
 Acq: 17 Jan 2024 04:54

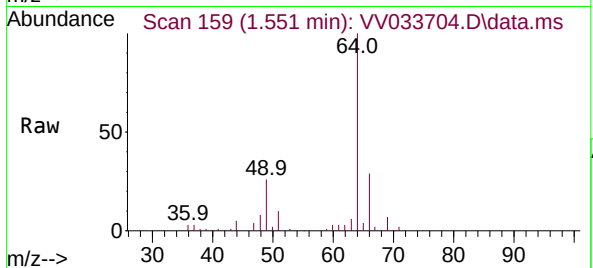
Tgt Ion: 94 Resp: 20223
 Ion Ratio Lower Upper
 94 100
 96 96.5 65.5 121.6



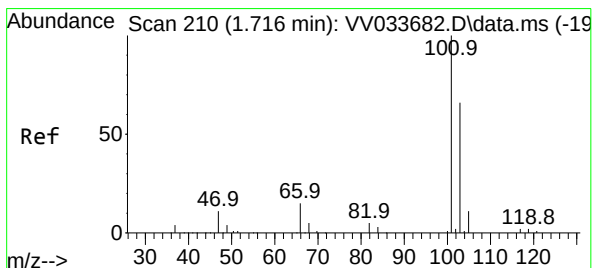
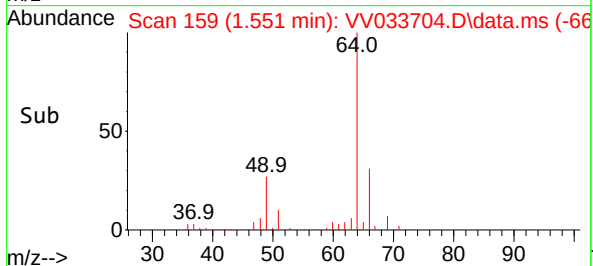
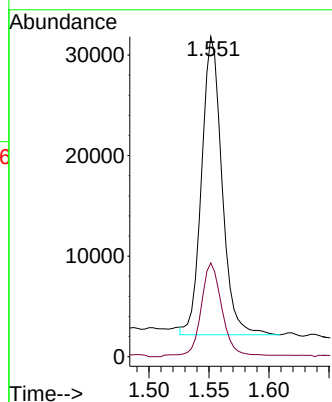


#8
Chloroethane
Concen: 5.121 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Instrument :
MSVOA_V
ClientSampleId :

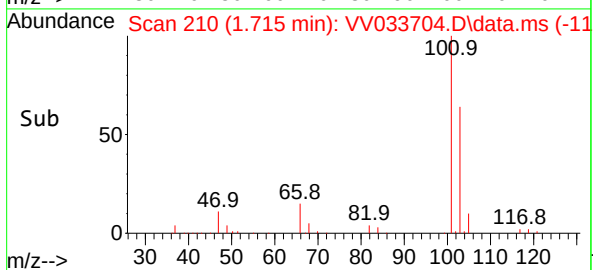
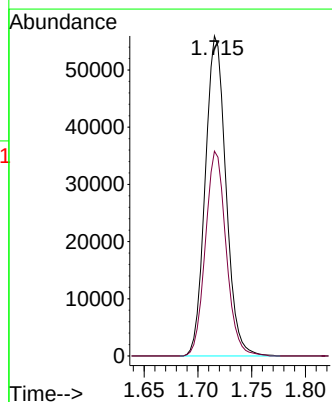
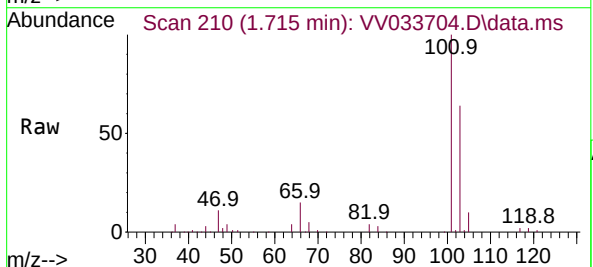


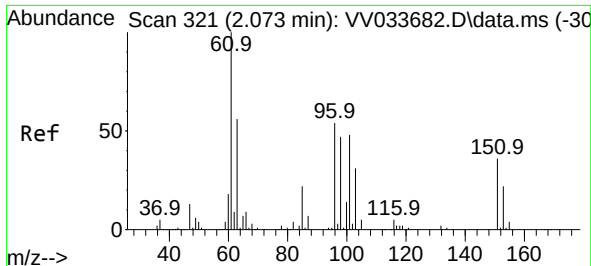
Tgt Ion: 64 Resp: 35098
Ion Ratio Lower Upper
64 100
66 29.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.457 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Tgt Ion:101 Resp: 74825
Ion Ratio Lower Upper
101 100
103 64.1 52.1 78.1

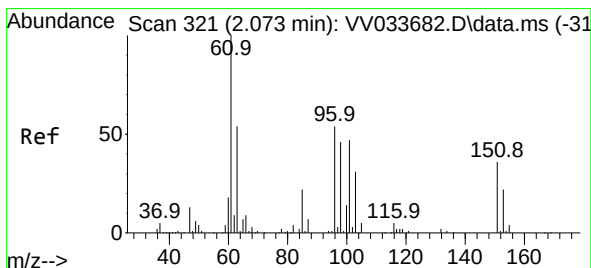
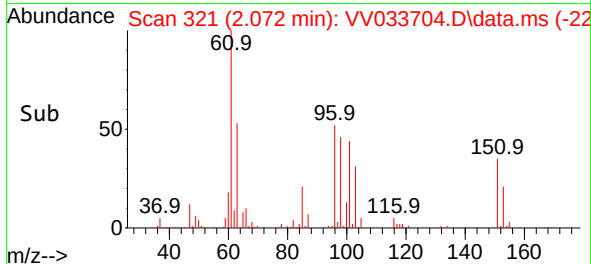
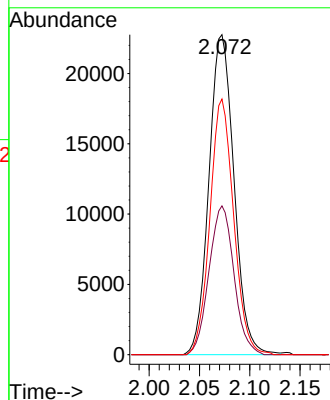
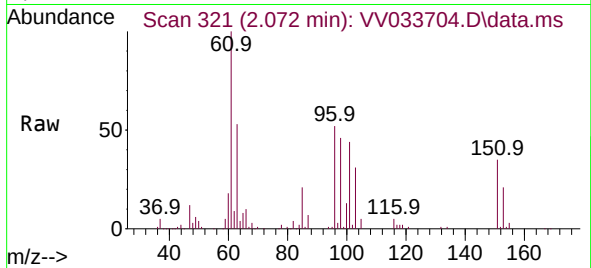




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.120 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033704.D
 Acq: 17 Jan 2024 04:54

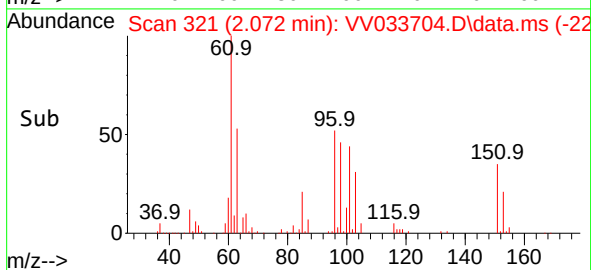
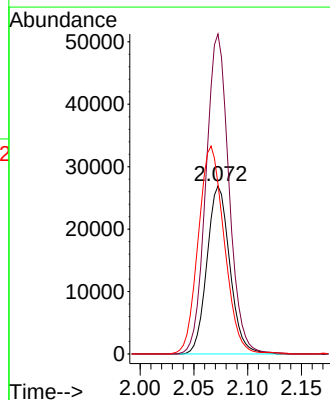
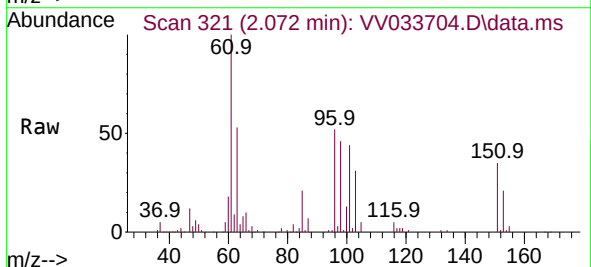
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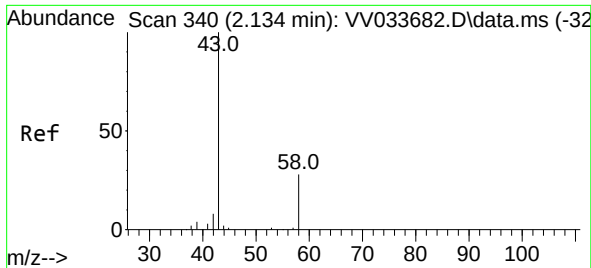
Tgt Ion:101 Resp: 39453
 Ion Ratio Lower Upper
 101 100
 85 46.3 36.4 54.6
 151 75.8 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 5.196 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033704.D
 Acq: 17 Jan 2024 04:54

Tgt Ion: 96 Resp: 39735
 Ion Ratio Lower Upper
 96 100
 61 190.7 133.8 248.4
 63 101.4 77.2 143.4





#13

Acetone

Concen: 42.168 ug/L

RT: 2.140 min Scan# 34

Delta R.T. 0.006 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

Instrument :

MSVOA_V

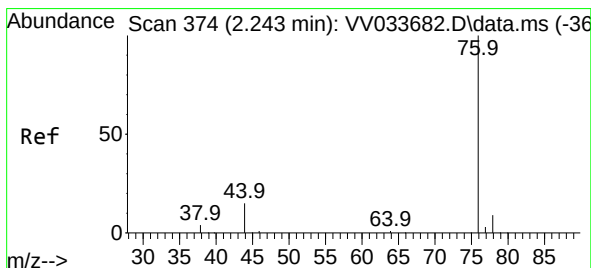
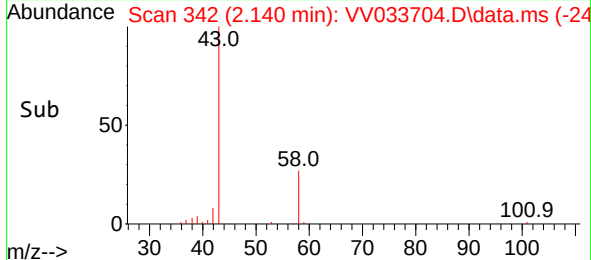
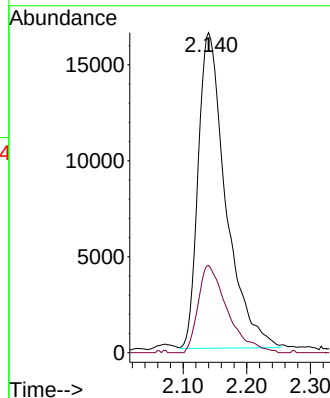
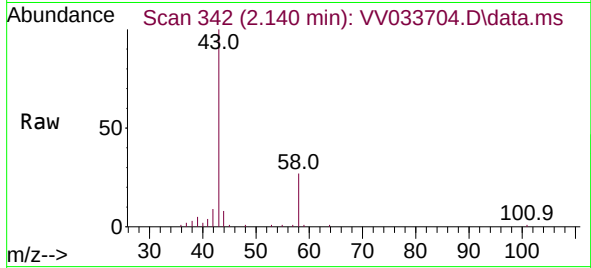
ClientSampleId :

Tgt Ion: 43 Resp: 49648

Ion Ratio Lower Upper

43 100

58 29.2 0.0 51.0



#14

Carbon disulfide

Concen: 4.854 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033704.D

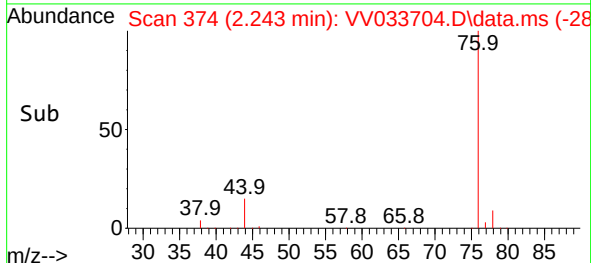
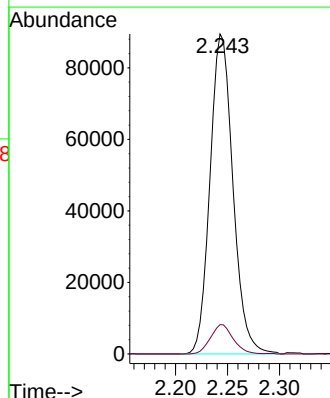
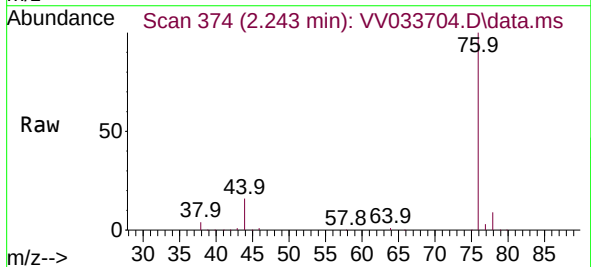
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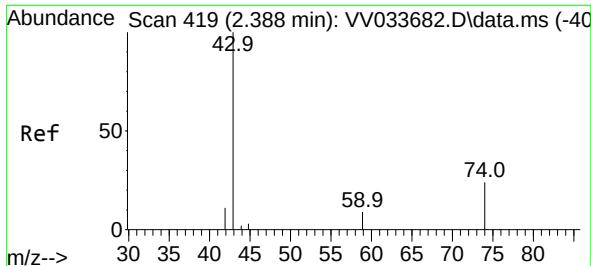
Tgt Ion: 76 Resp: 137320

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





#15

Methyl Acetate

Concen: 4.973 ug/L

RT: 2.387 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

Instrument :

MSVOA_V

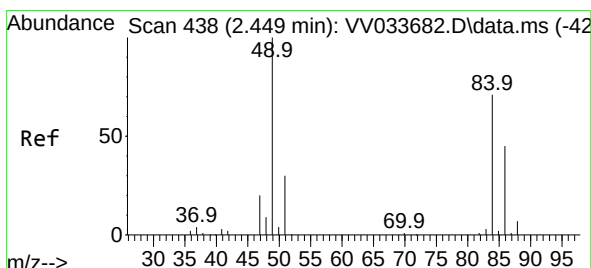
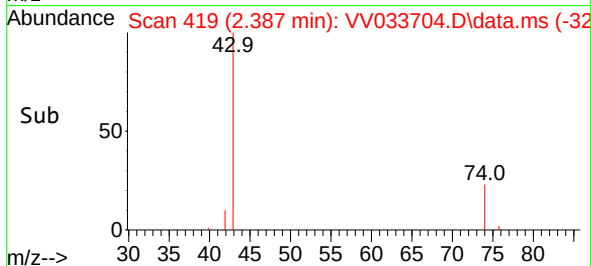
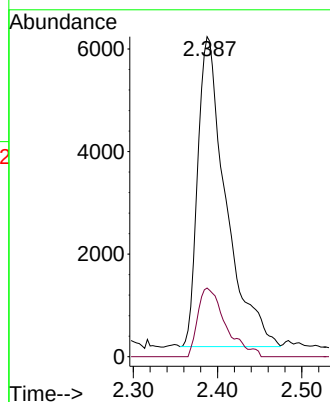
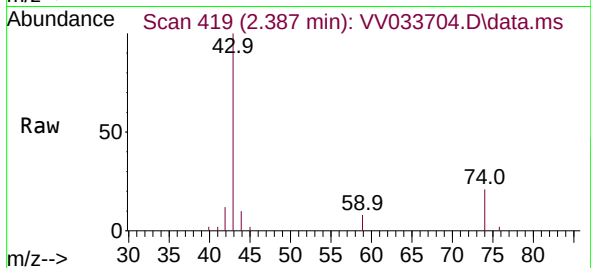
ClientSampleId :

Tgt Ion: 43 Resp: 13994

Ion Ratio Lower Upper

43 100

74 21.9 16.6 24.8



#16

Methylene chloride

Concen: 4.759 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

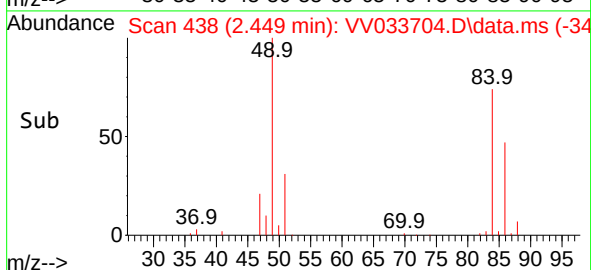
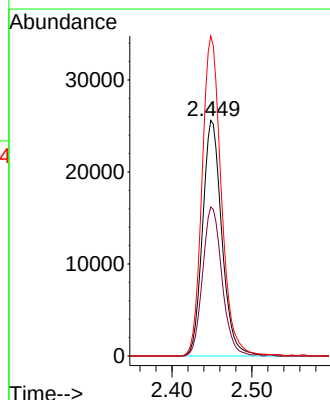
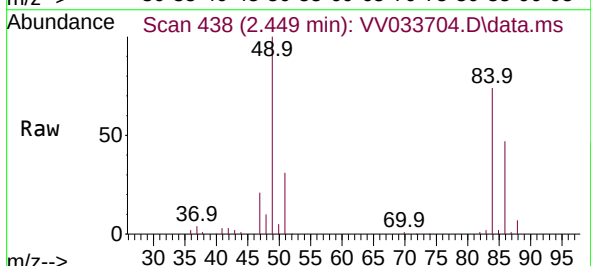
Tgt Ion: 84 Resp: 42945

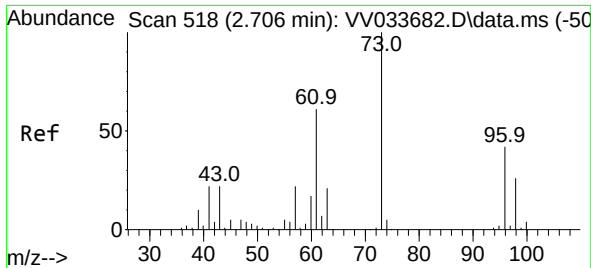
Ion Ratio Lower Upper

84 100

86 63.2 45.5 84.5

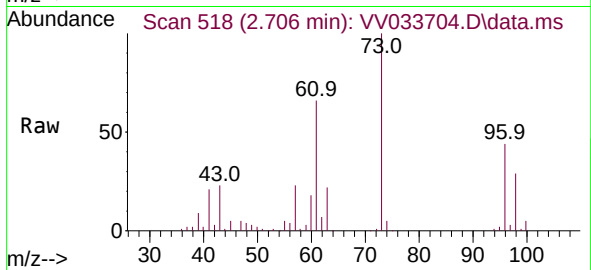
49 135.9 100.3 186.3





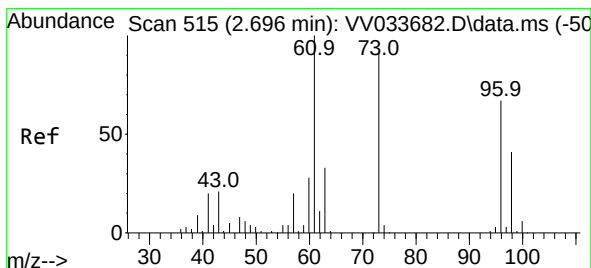
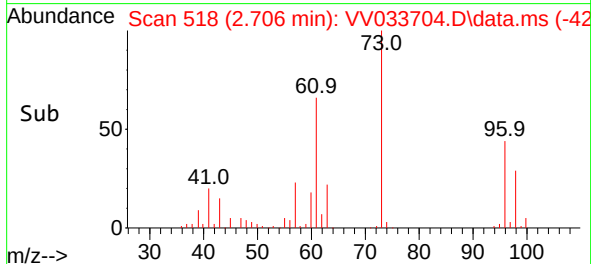
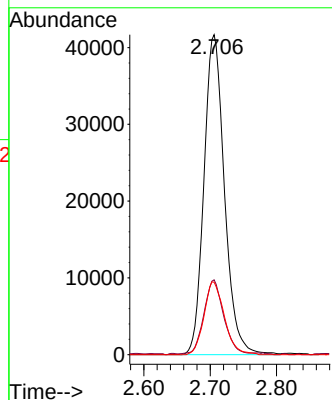
#17
Methyl tert-butyl Ether
Concen: 5.173 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 73 Resp: 89573

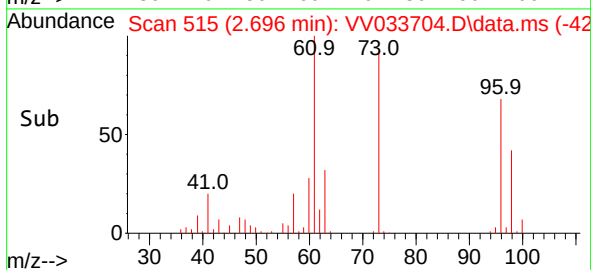
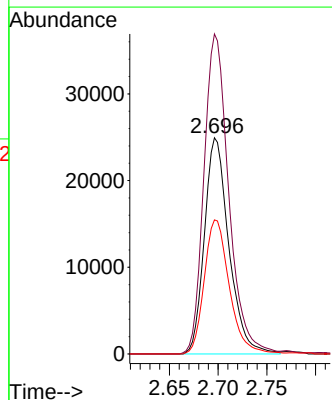
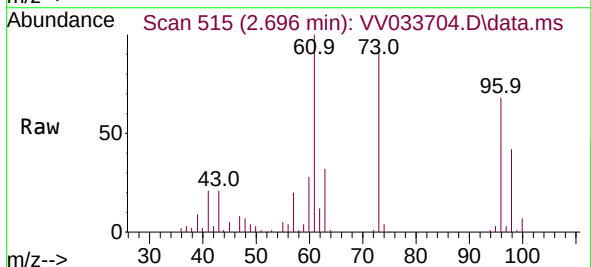
Ion	Ratio	Lower	Upper
73	100		
43	22.2	17.7	26.5
57	22.5	19.5	29.3

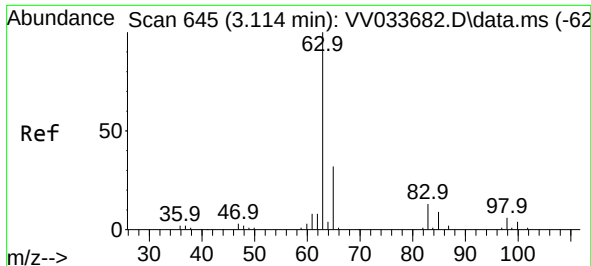


#18
trans-1,2-Dichloroethene
Concen: 5.051 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Tgt Ion: 96 Resp: 43634

Ion	Ratio	Lower	Upper
96	100		
61	148.1	110.4	205.0
98	62.1	44.1	81.9

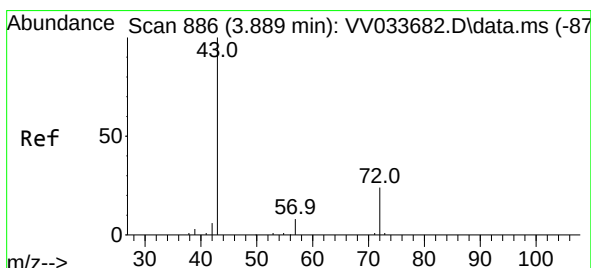
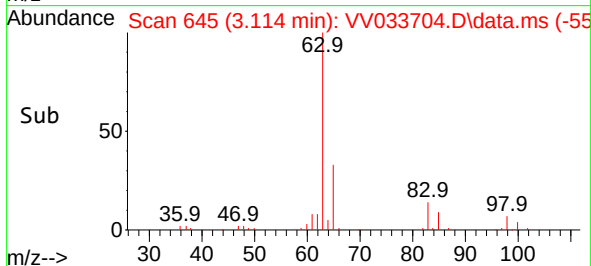
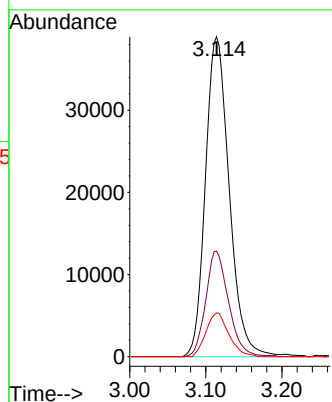
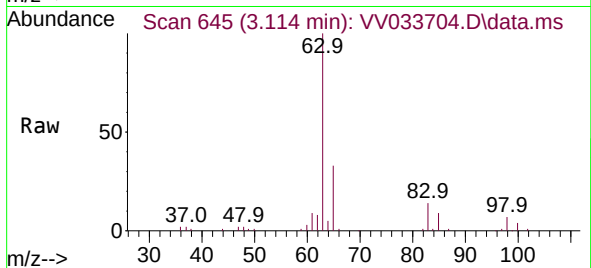




#19
1,1-Dichloroethane
Concen: 4.928 ug/L
RT: 3.114 min Scan# 645
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

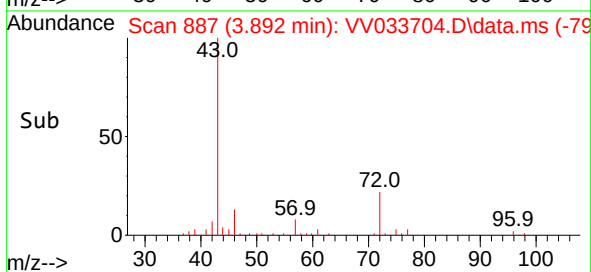
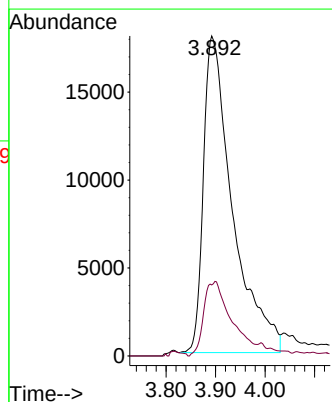
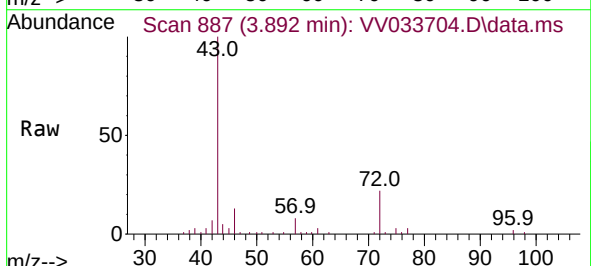
Instrument :
MSVOA_V
ClientSampleId :

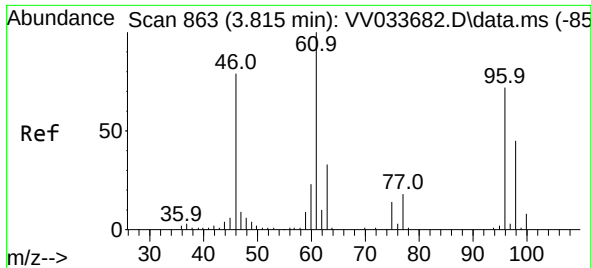
Tgt Ion: 63 Resp: 84581
Ion Ratio Lower Upper
63 100
65 33.0 21.6 40.2
83 13.7 9.1 16.9



#21
2-Butanone
Concen: 45.022 ug/L
RT: 3.892 min Scan# 887
Delta R.T. 0.003 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

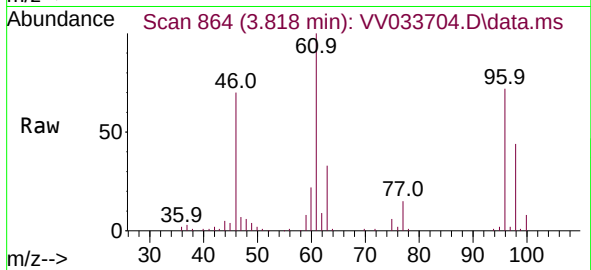
Tgt Ion: 43 Resp: 73581
Ion Ratio Lower Upper
43 100
72 22.3 10.5 31.6



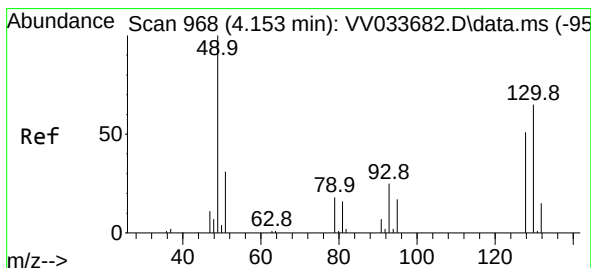
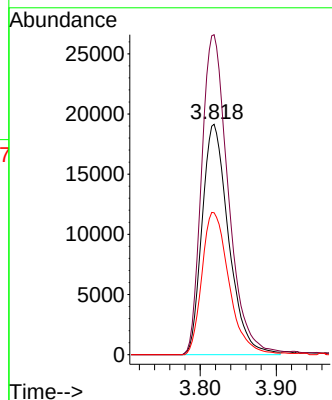
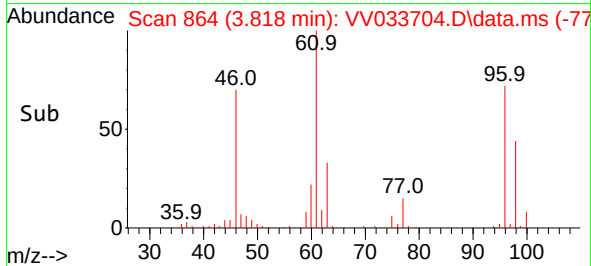


#22
 cis-1,2-Dichloroethene
 Concen: 5.125 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033704.D
 Acq: 17 Jan 2024 04:54

Instrument :
 MSVOA_V
 ClientSampleId :

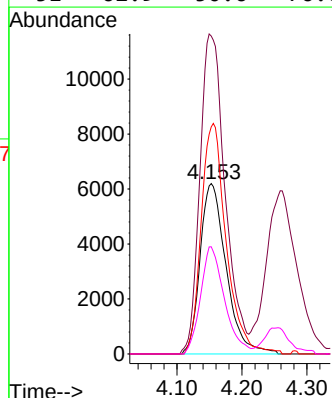
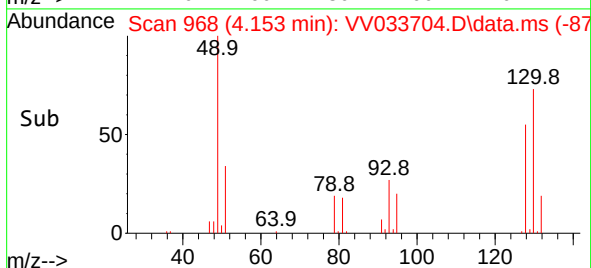
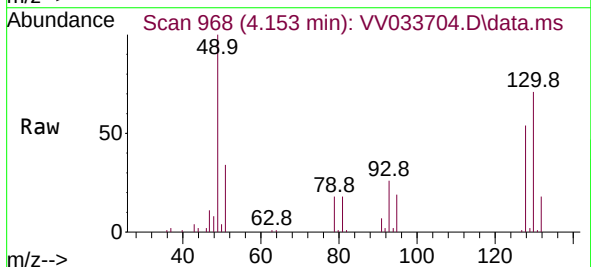


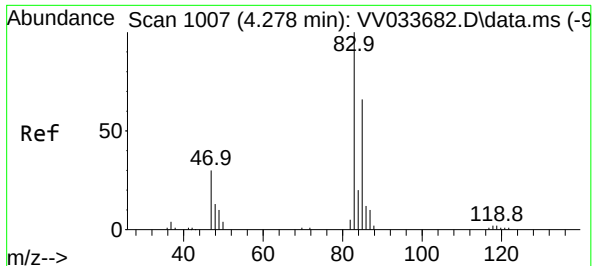
Tgt Ion: 96 Resp: 46356
 Ion Ratio Lower Upper
 96 100
 61 138.8 97.1 180.3
 98 61.6 42.6 79.0



#23
 Bromochloromethane
 Concen: 5.239 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VV033704.D
 Acq: 17 Jan 2024 04:54

Tgt Ion: 128 Resp: 17281
 Ion Ratio Lower Upper
 128 100
 49 186.5 136.4 253.2
 130 133.2 87.5 162.5
 51 62.9 50.6 76.0





#25

Chloroform

Concen: 5.188 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

Instrument :

MSVOA_V

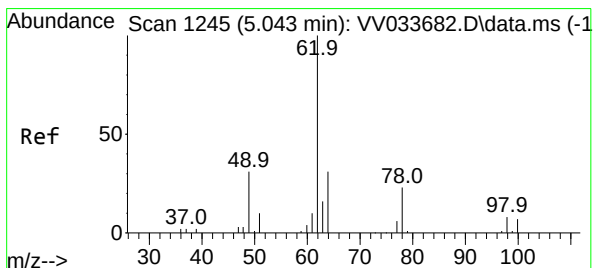
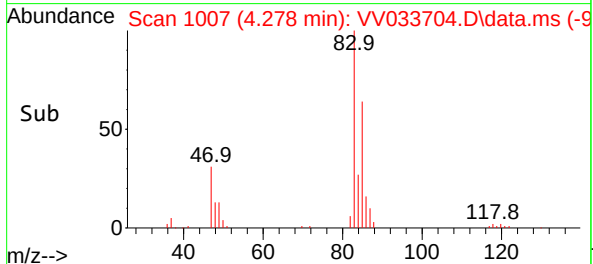
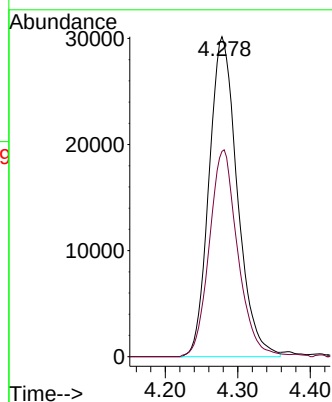
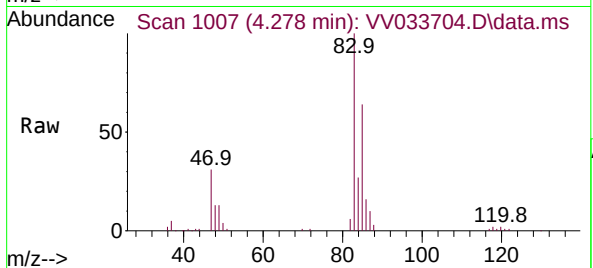
ClientSampleId :

Tgt Ion: 83 Resp: 81761

Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.9



#27

1,2-Dichloroethane

Concen: 5.198 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VV033704.D

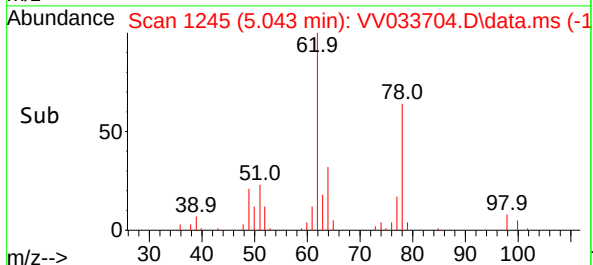
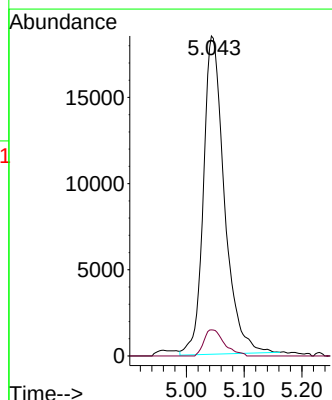
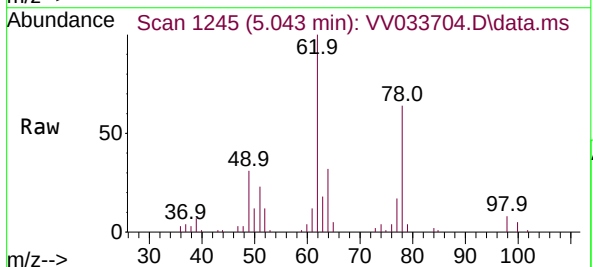
Acq: 17 Jan 2024 04:54

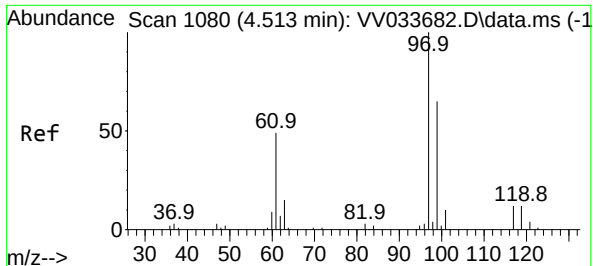
Tgt Ion: 62 Resp: 46674

Ion Ratio Lower Upper

62 100

98 8.1 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.235 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

Instrument :

MSVOA_V

ClientSampleId :

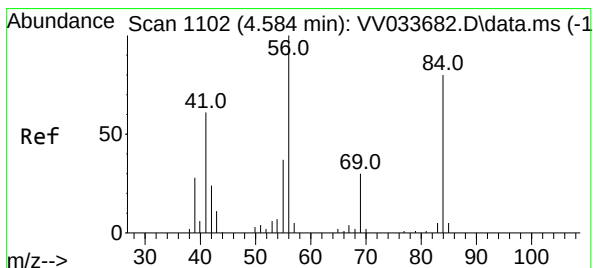
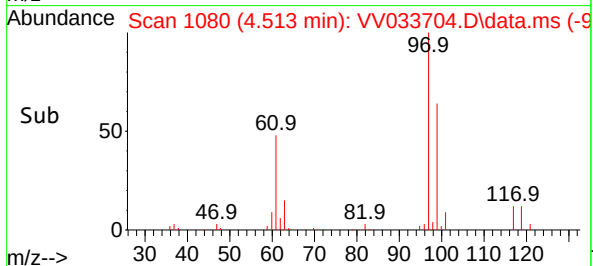
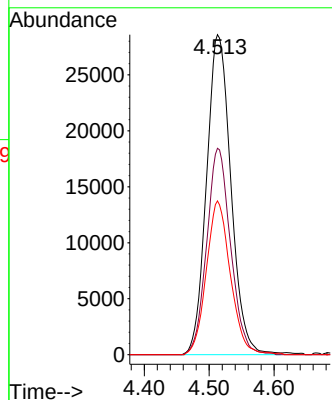
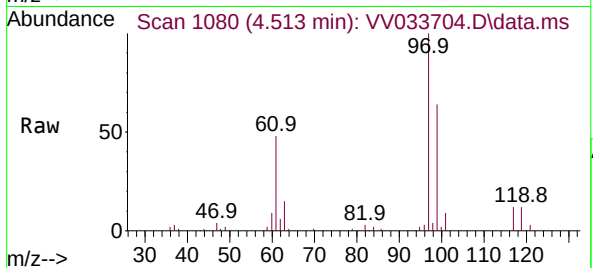
Tgt Ion: 97 Resp: 74582

Ion Ratio Lower Upper

97 100

99 63.2 50.8 76.2

61 47.5 38.1 57.1



#30

Cyclohexane

Concen: 4.597 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

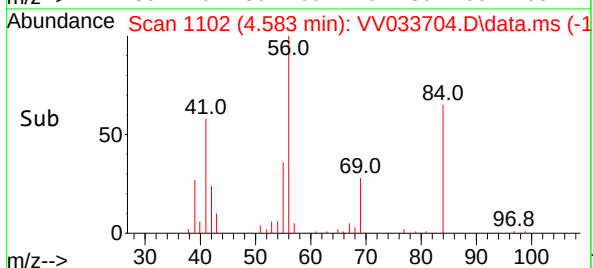
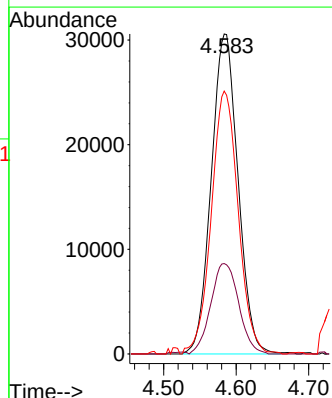
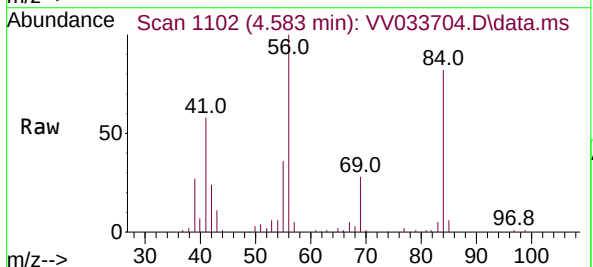
Tgt Ion: 56 Resp: 78490

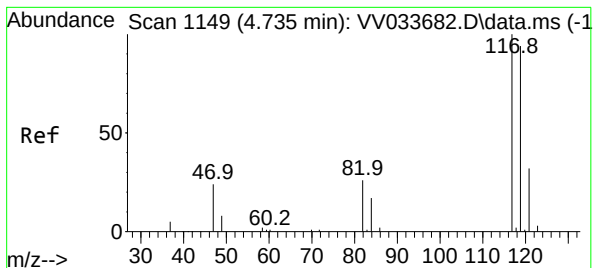
Ion Ratio Lower Upper

56 100

69 29.4 23.3 34.9

84 82.6 61.7 92.5





#31

Carbon tetrachloride

Concen: 5.272 ug/L

RT: 4.738 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

Instrument :

MSVOA_V

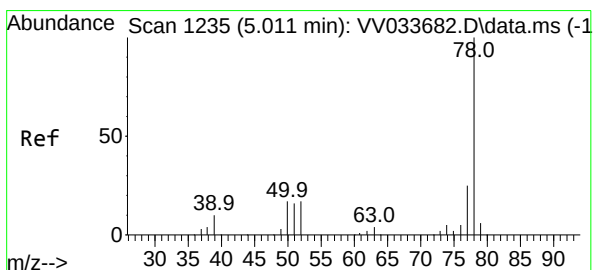
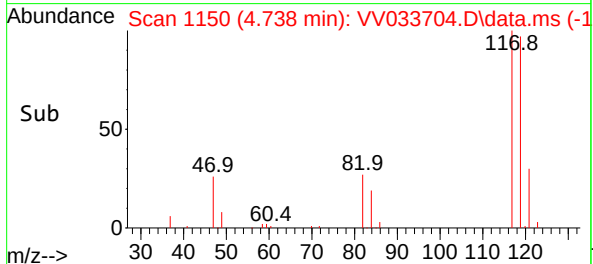
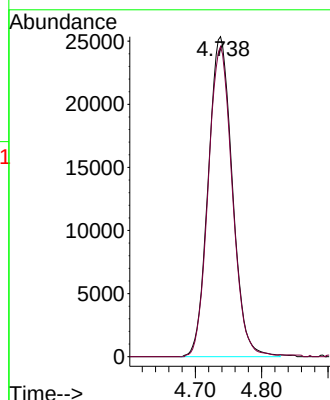
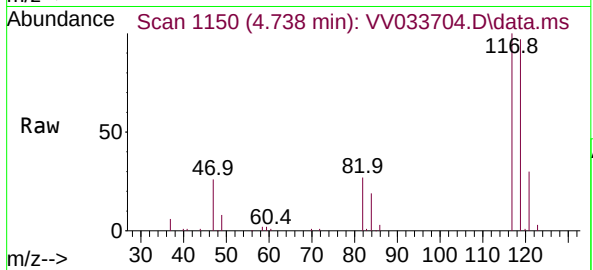
ClientSampleId :

Tgt Ion:117 Resp: 64037

Ion Ratio Lower Upper

117 100

119 96.4 78.3 117.5



#33

Benzene

Concen: 4.982 ug/L

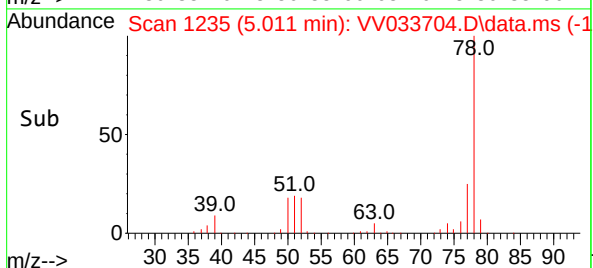
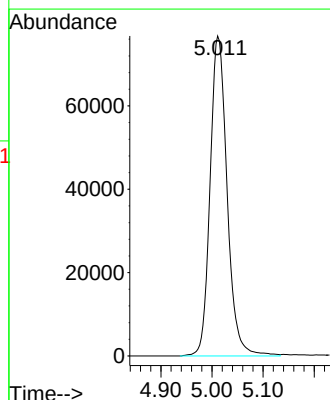
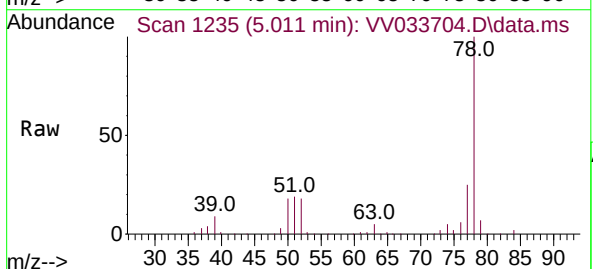
RT: 5.011 min Scan# 1235

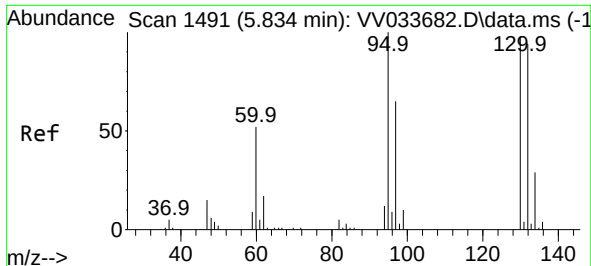
Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

Tgt Ion: 78 Resp: 177725

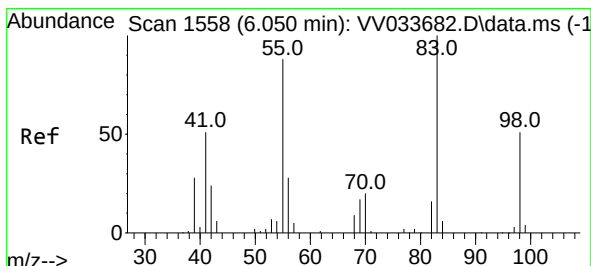
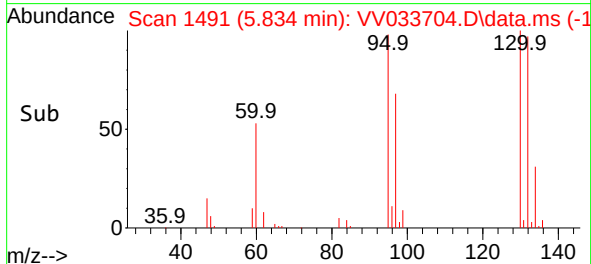
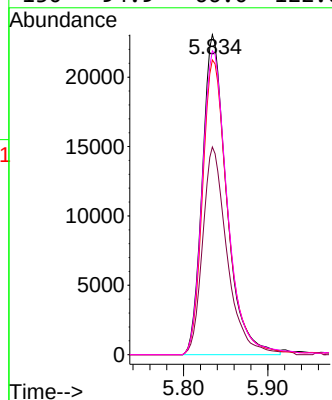
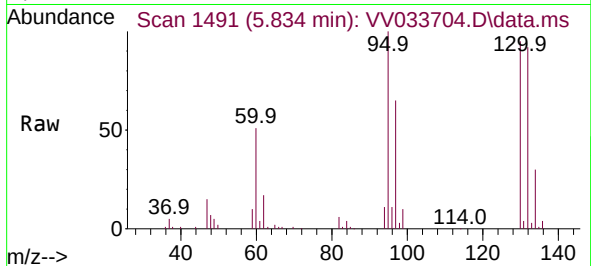




#34
Trichloroethene
Concen: 4.874 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

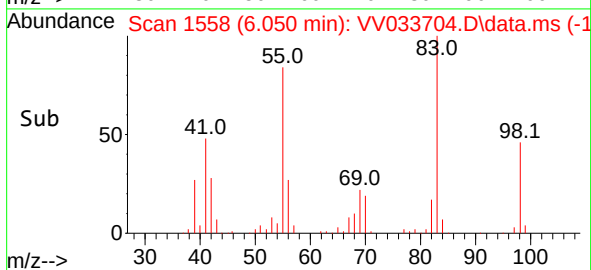
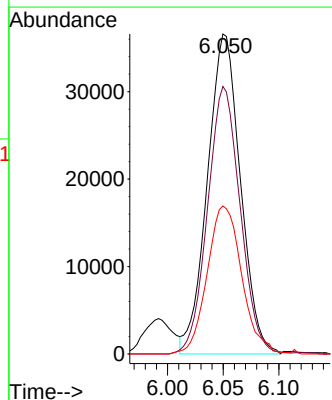
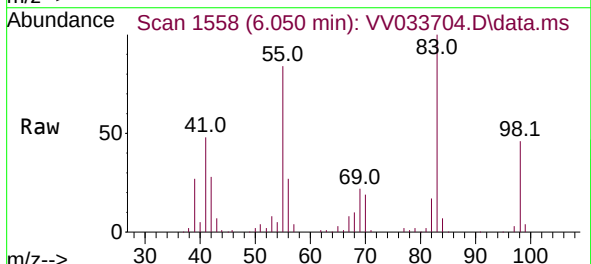
Instrument :
MSVOA_V
ClientSampleId :

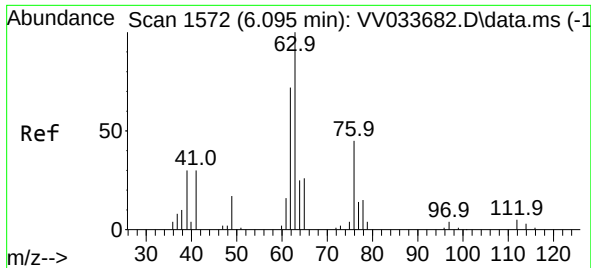
Tgt Ion: 95 Resp: 46282
Ion Ratio Lower Upper
95 100
97 64.9 45.1 83.9
132 92.1 65.2 121.2
130 94.9 66.0 122.6



#35
Methylcyclohexane
Concen: 4.694 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Tgt Ion: 83 Resp: 75451
Ion Ratio Lower Upper
83 100
55 82.5 68.7 103.1
98 48.4 38.3 57.5





#37

1,2-Dichloropropane

Concen: 4.942 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

Instrument :

MSVOA_V

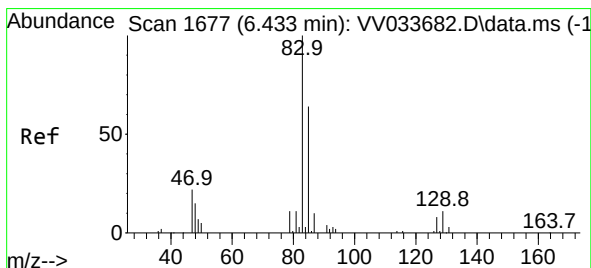
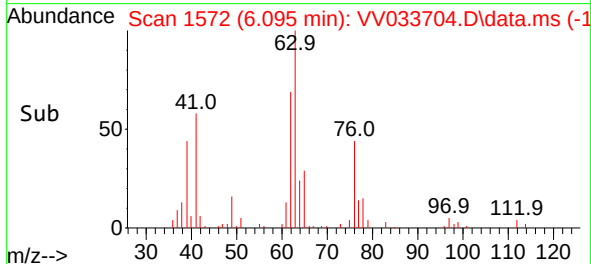
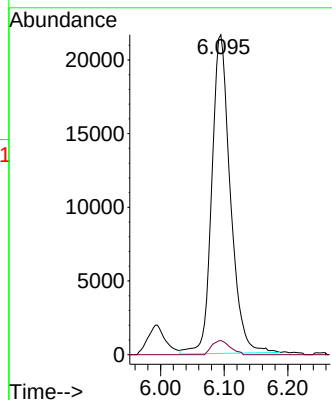
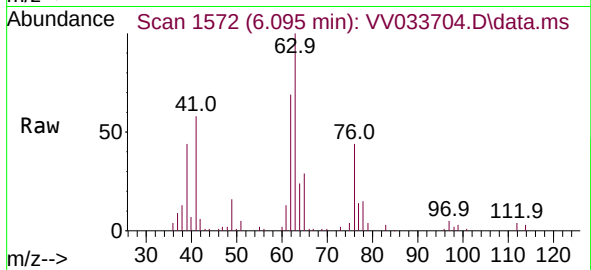
ClientSampleId :

Tgt Ion: 63 Resp: 43779

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 5.095 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

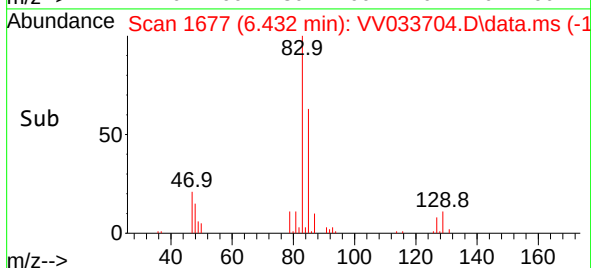
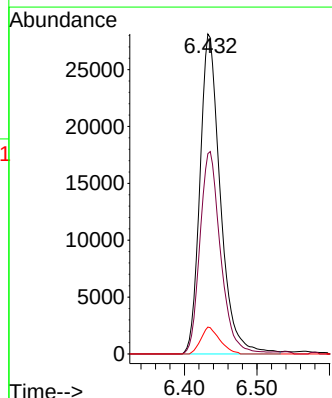
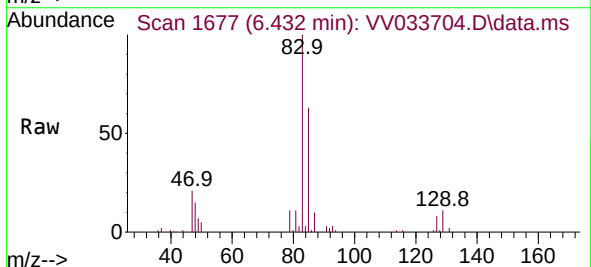
Tgt Ion: 83 Resp: 55015

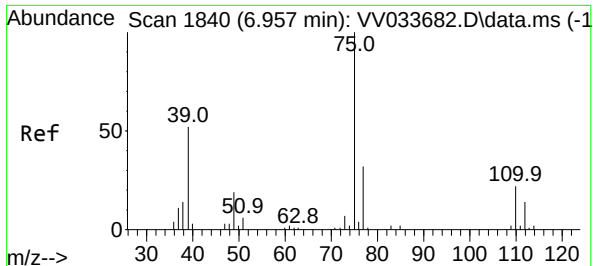
Ion Ratio Lower Upper

83 100

85 62.6 45.1 83.9

127 8.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.873 ug/L

RT: 6.956 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

Instrument :

MSVOA_V

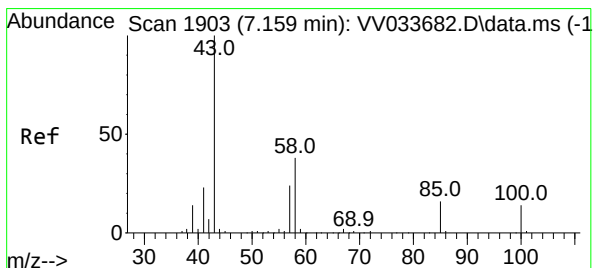
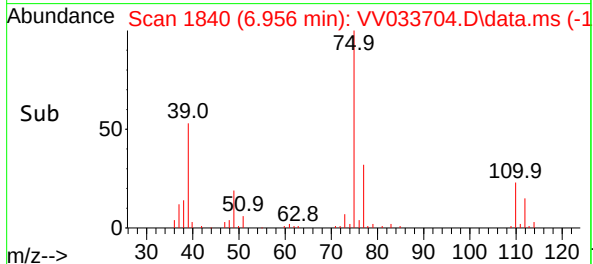
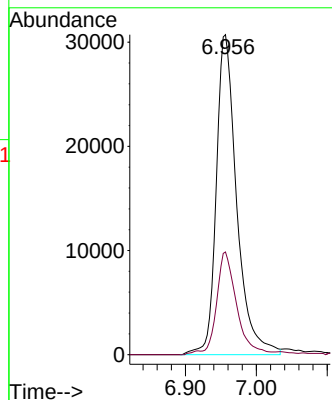
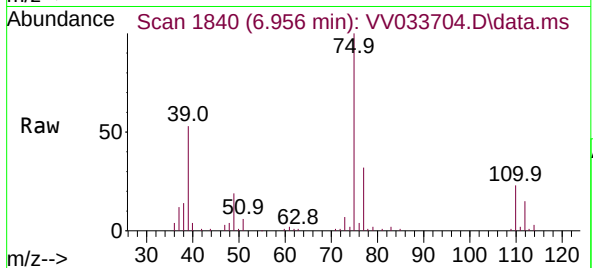
ClientSampleId :

Tgt Ion: 75 Resp: 61650

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 48.702 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

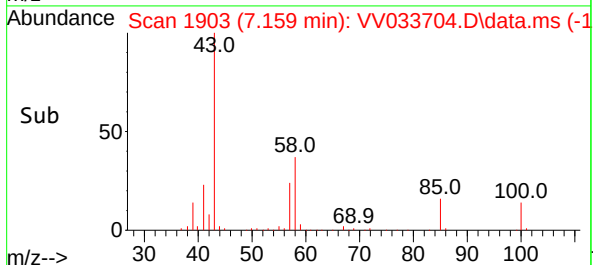
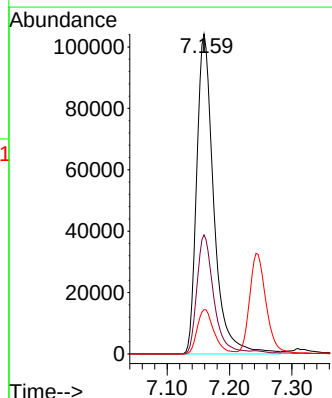
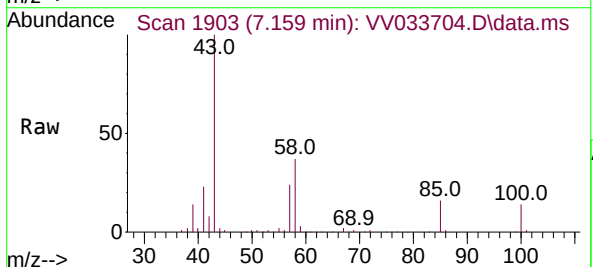
Tgt Ion: 43 Resp: 198337

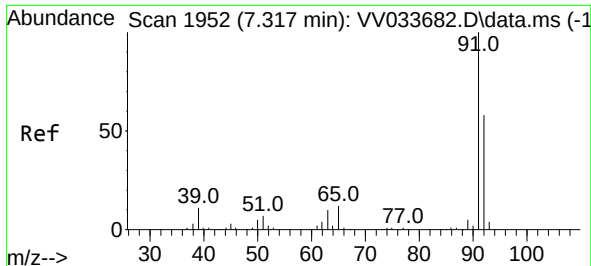
Ion Ratio Lower Upper

43 100

58 36.8 29.9 44.9

100 13.8 9.9 14.9





#42

Toluene

Concen: 5.058 ug/L

RT: 7.316 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

Instrument :

MSVOA_V

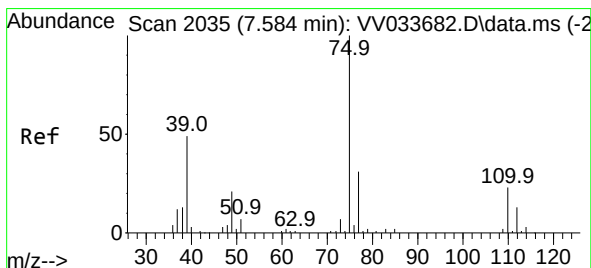
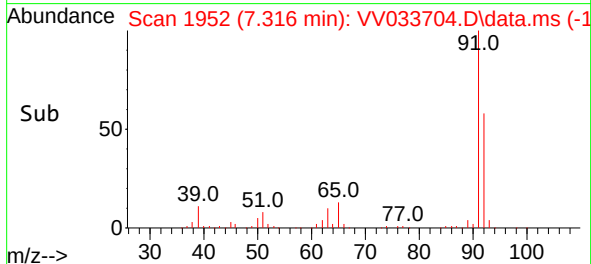
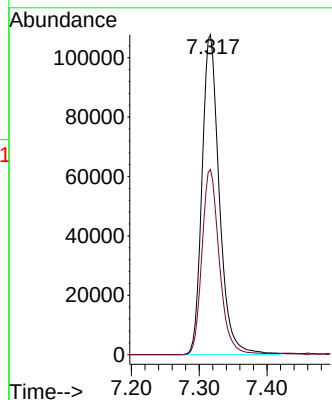
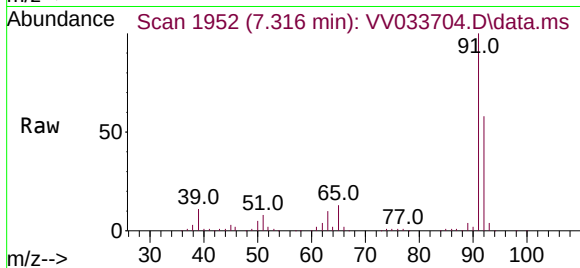
ClientSampleId :

Tgt Ion: 91 Resp: 190822

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.807 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV033704.D

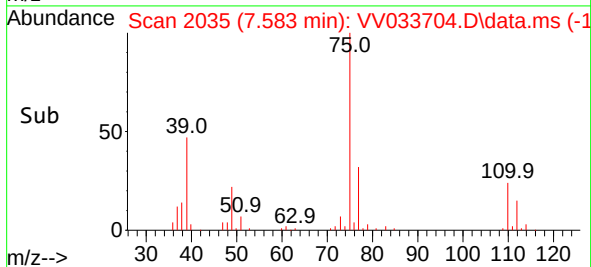
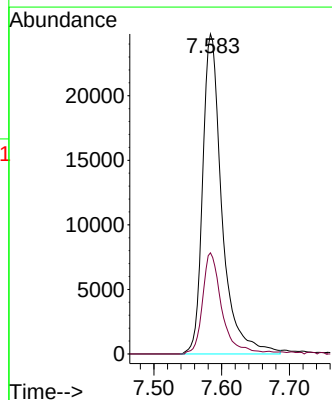
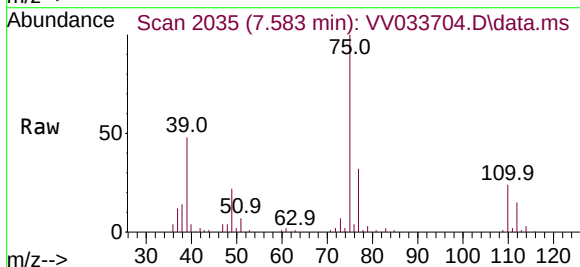
Acq: 17 Jan 2024 04:54

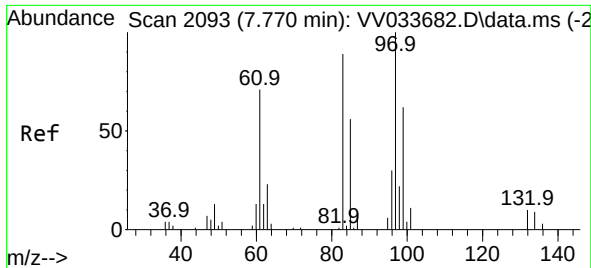
Tgt Ion: 75 Resp: 49006

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.7

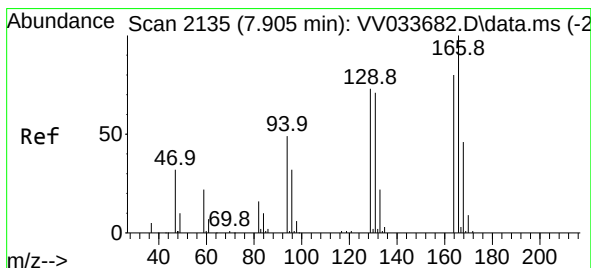
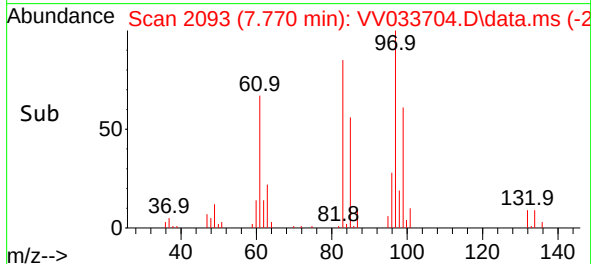
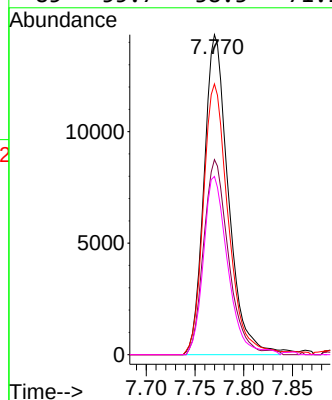
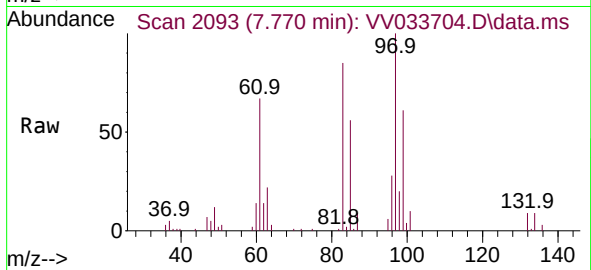




#45
1,1,2-Trichloroethane
Concen: 5.072 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

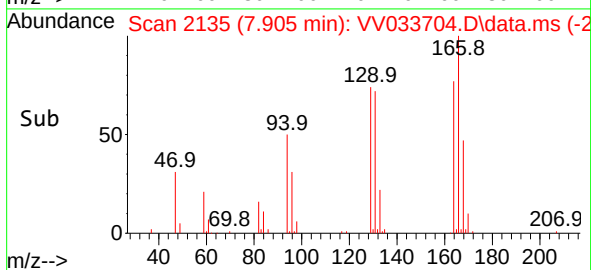
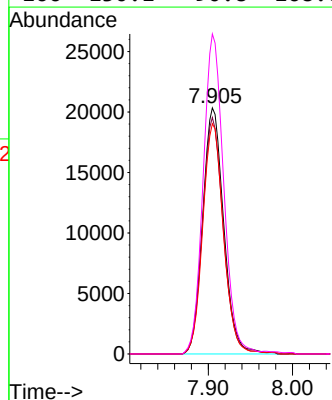
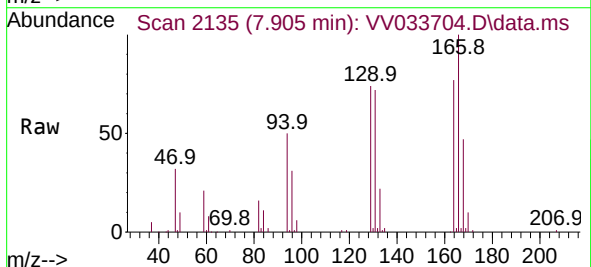
Instrument :
MSVOA_V
ClientSampleId :

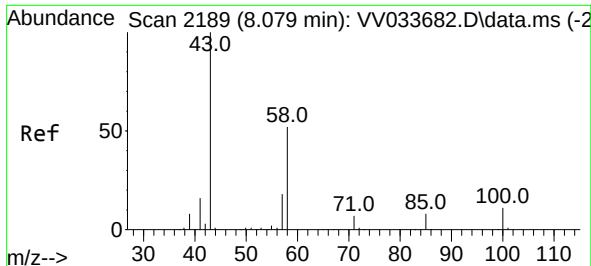
Tgt Ion:	97	Resp:	24962
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.9	83.3
83	84.6	60.5	112.3
85	55.7	38.3	71.1



#47
Tetrachloroethene
Concen: 5.197 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

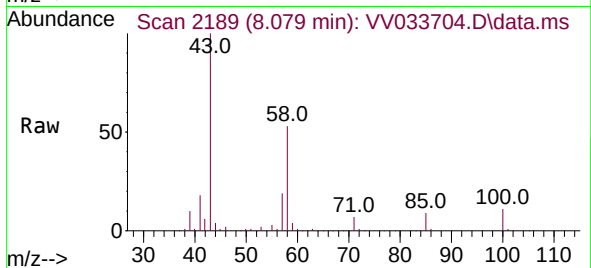
Tgt Ion:	164	Resp:	35458
Ion	Ratio	Lower	Upper
164	100		
129	96.1	67.1	124.7
131	93.6	65.0	120.6
166	130.1	90.8	168.6



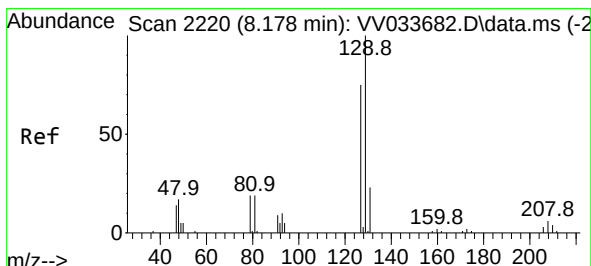
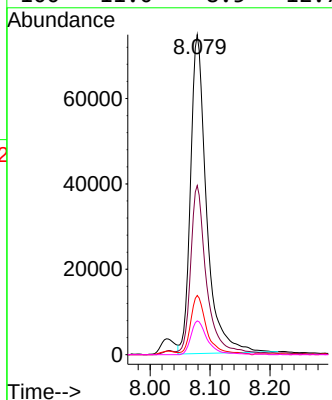
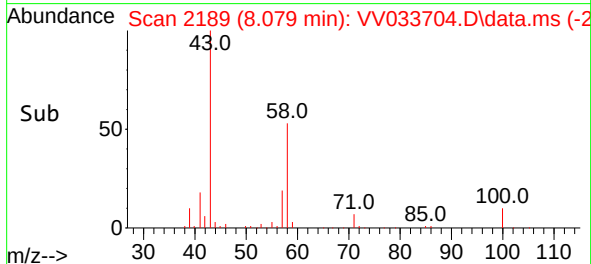


#48
2-Hexanone
Concen: 46.457 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Instrument :
MSVOA_V
ClientSampleId :

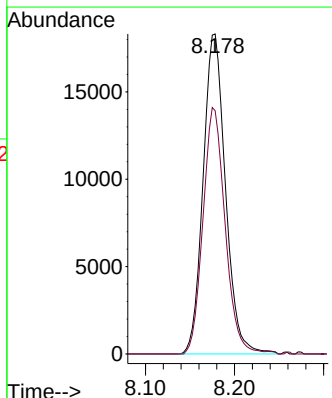
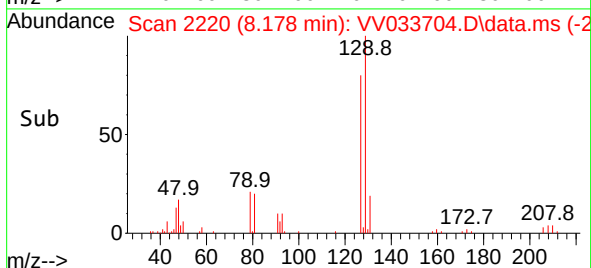
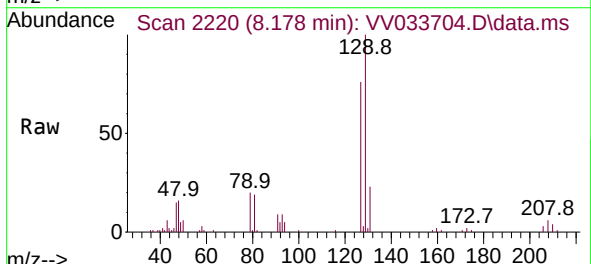


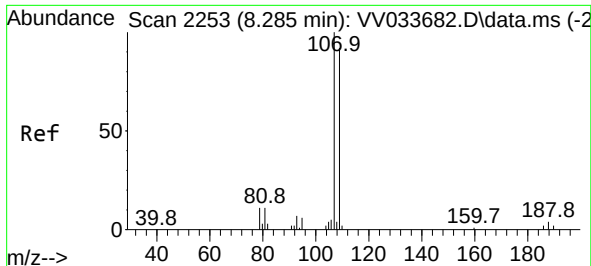
Tgt Ion:	43	Resp:	138600
Ion	Ratio	Lower	Upper
43	100		
58	50.4	40.6	61.0
57	18.8	13.8	20.8
100	11.0	8.5	12.7



#49
Dibromochloromethane
Concen: 5.214 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Tgt Ion:	129	Resp:	31955
Ion	Ratio	Lower	Upper
129	100		
127	76.0	53.6	99.6





#50

1,2-Dibromoethane

Concen: 5.142 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033704.D

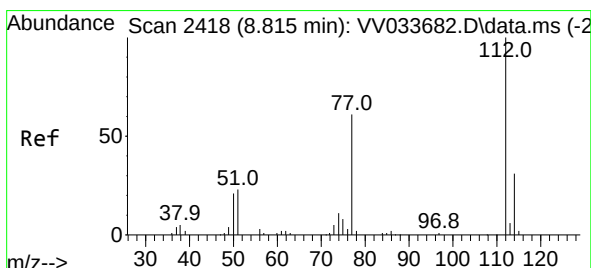
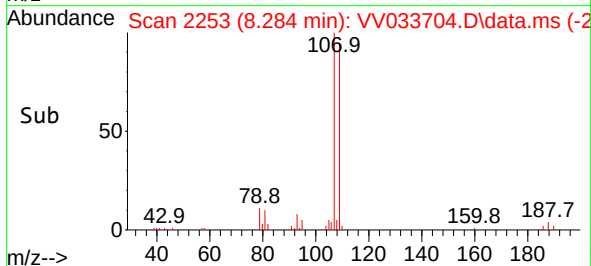
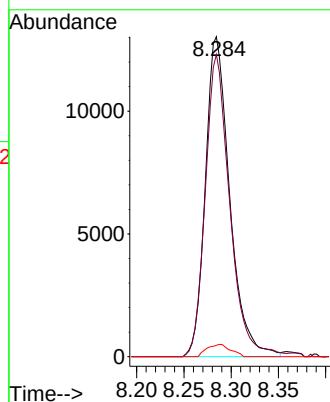
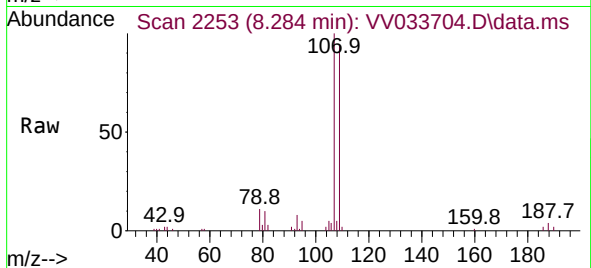
Acq: 17 Jan 2024 04:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	23362
Ion	Ratio	Lower Upper
107	100	
109	94.4	64.0 118.8
188	3.5	3.0 4.6



#51

Chlorobenzene

Concen: 5.124 ug/L

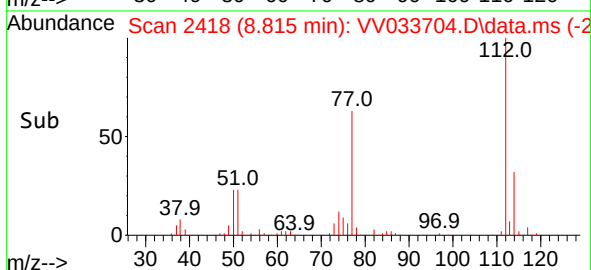
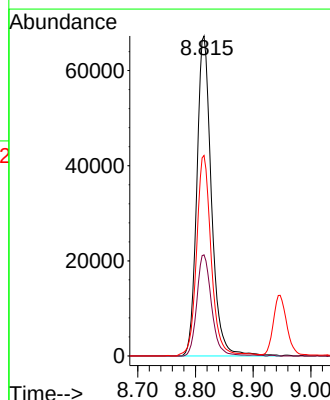
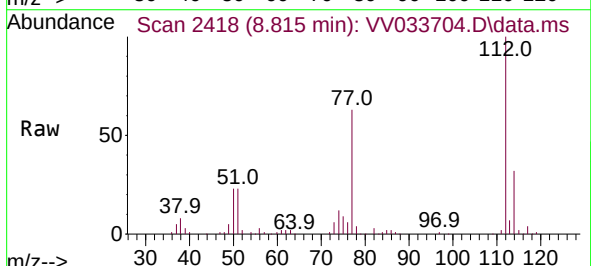
RT: 8.815 min Scan# 2418

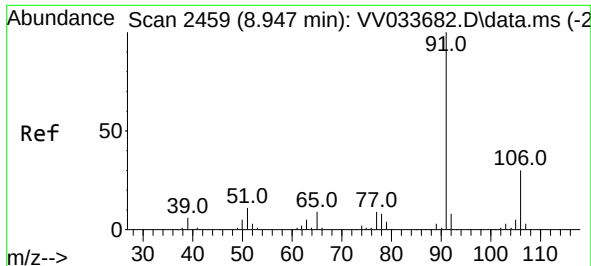
Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

Tgt Ion:112	Resp:	118422
Ion	Ratio	Lower Upper
112	100	
114	31.6	22.9 42.5
77	62.7	50.8 76.2

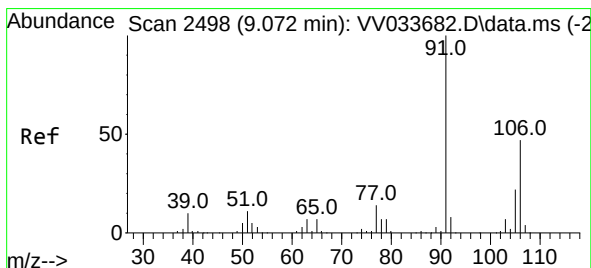
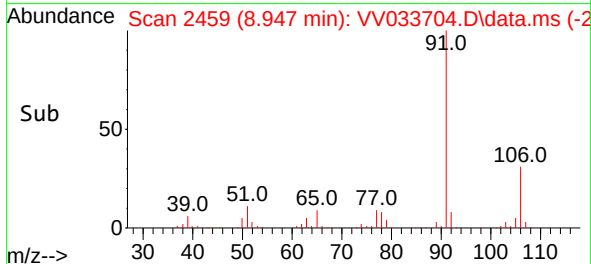
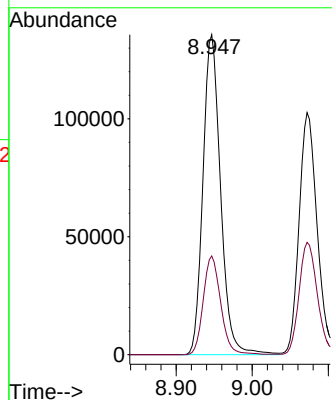
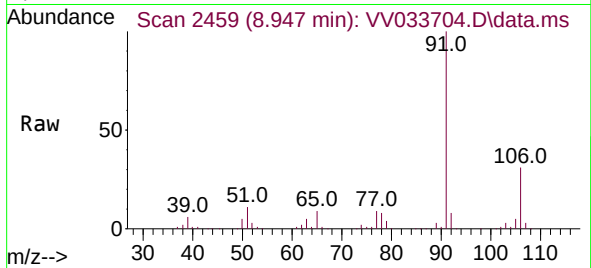




#52
Ethylbenzene
Concen: 5.002 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

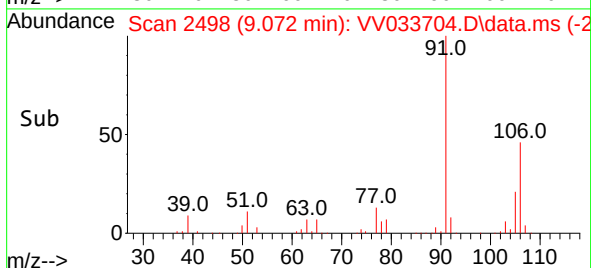
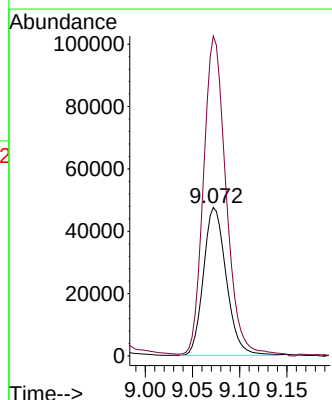
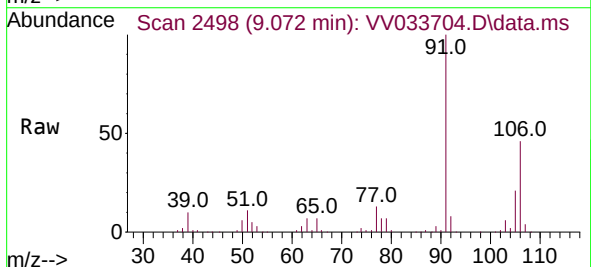
Instrument :
MSVOA_V
ClientSampleId :

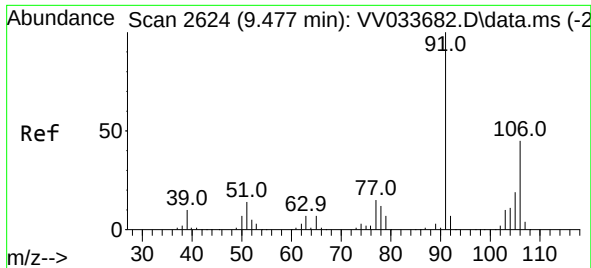
Tgt Ion: 91 Resp: 218746
Ion Ratio Lower Upper
91 100
106 30.8 20.6 38.4



#53
m,p-Xylene
Concen: 4.946 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Tgt Ion: 106 Resp: 79699
Ion Ratio Lower Upper
106 100
91 215.5 146.2 271.4

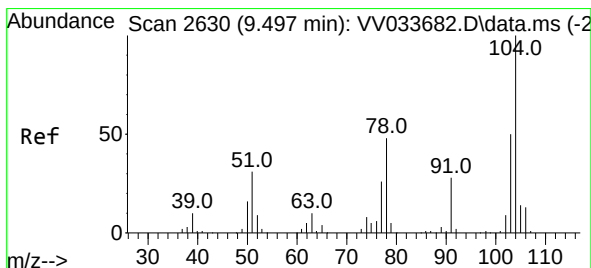
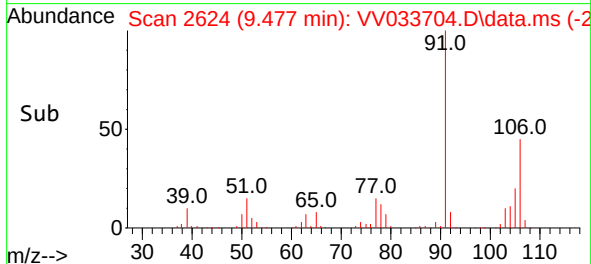
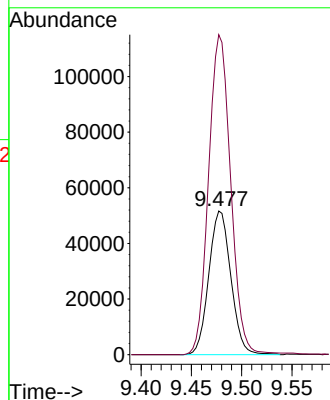
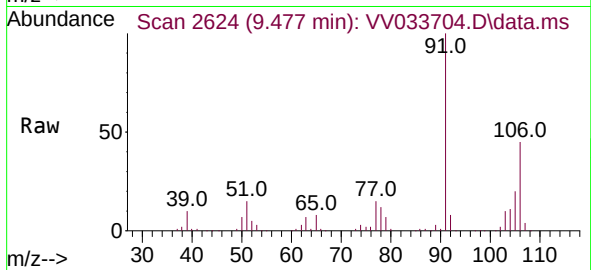




#54
o-Xylene
Concen: 5.032 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

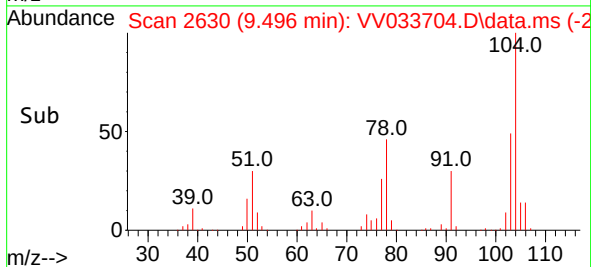
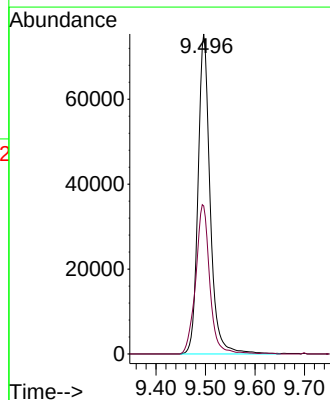
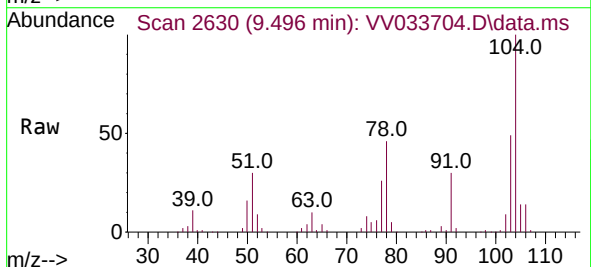
Instrument :
MSVOA_V
ClientSampleId :

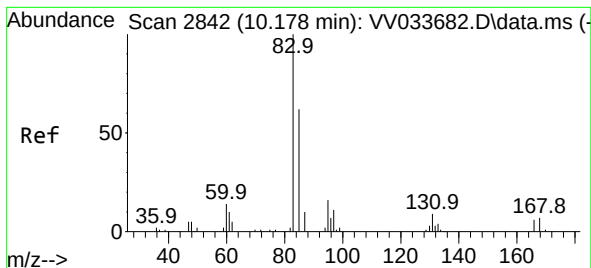
Tgt Ion:106 Resp: 78901
Ion Ratio Lower Upper
106 100
91 222.7 156.0 289.6



#55
Styrene
Concen: 5.148 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Tgt Ion:104 Resp: 128649
Ion Ratio Lower Upper
104 100
78 46.3 33.1 61.5

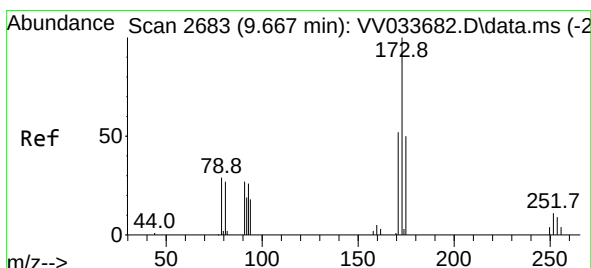
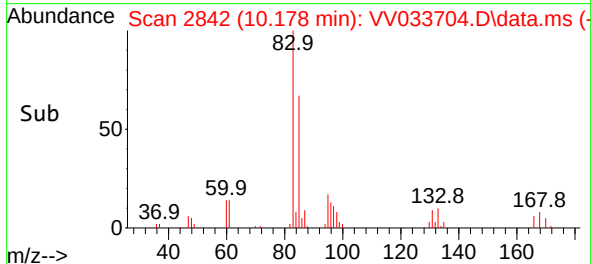
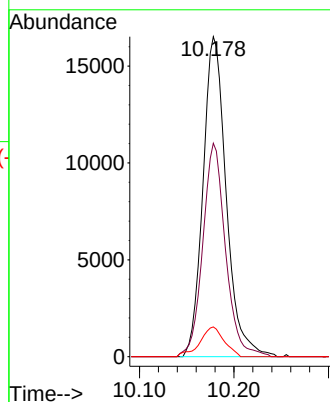
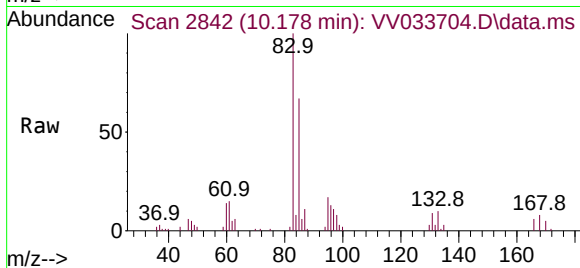




#57
1,1,2,2-Tetrachloroethane
Concen: 5.224 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

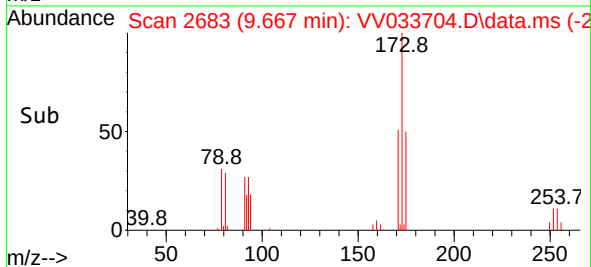
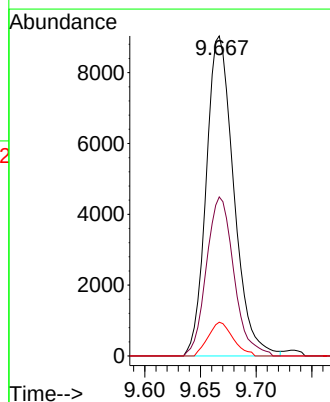
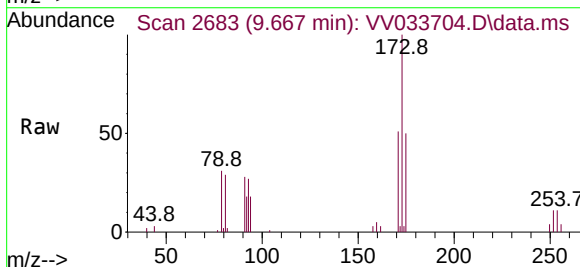
Instrument :
MSVOA_V
ClientSampleId :

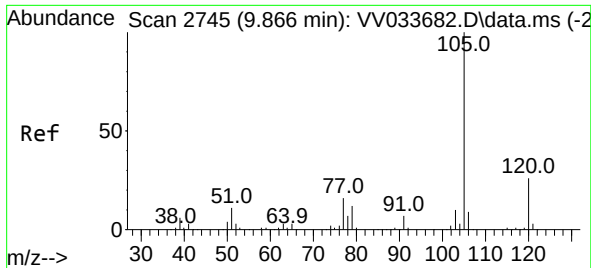
Tgt Ion: 83 Resp: 28219
Ion Ratio Lower Upper
83 100
85 66.7 43.5 80.7
131 9.3 7.4 11.0



#59
Bromoform
Concen: 4.950 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

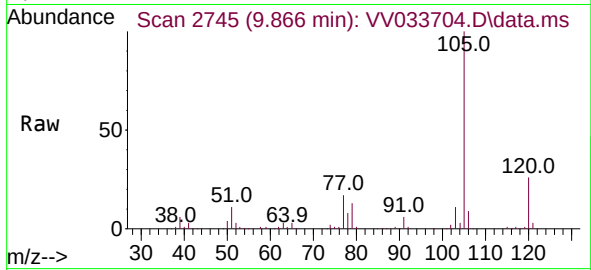
Tgt Ion: 173 Resp: 15571
Ion Ratio Lower Upper
173 100
175 49.5 38.8 58.2
254 9.5 7.5 11.3



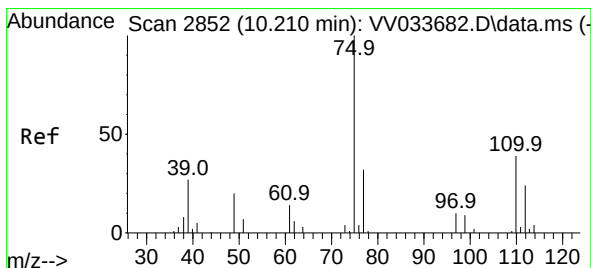
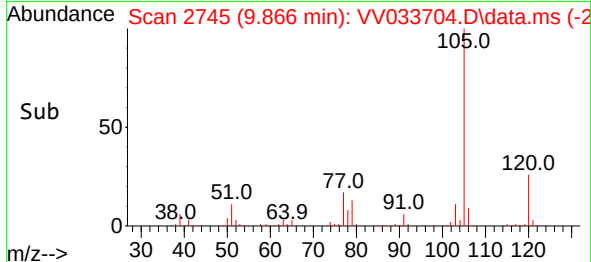
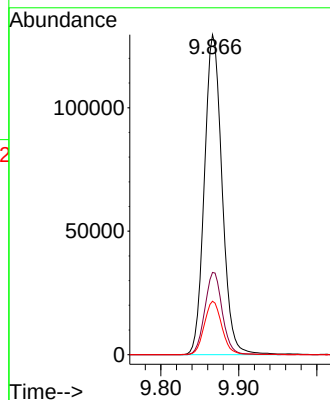


#60
Isopropylbenzene
Concen: 4.964 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Instrument :
MSVOA_V
ClientSampleId :

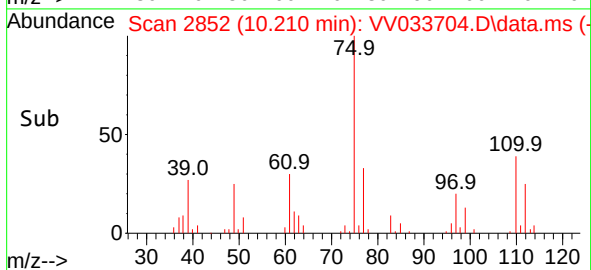
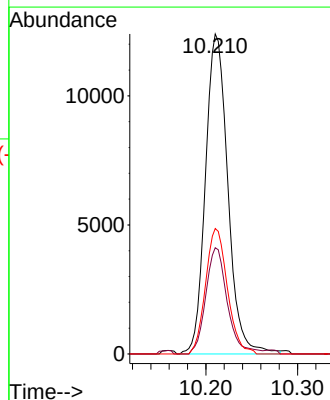
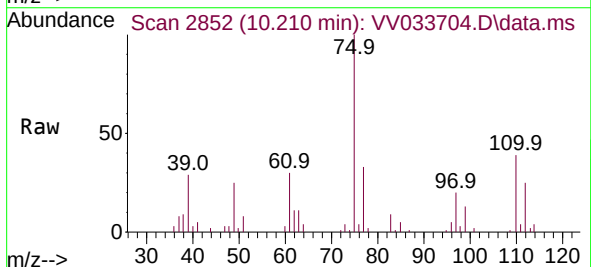


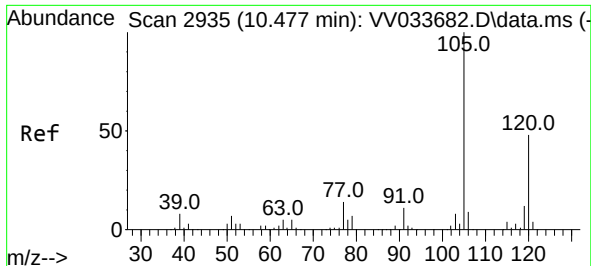
Tgt Ion:105 Resp: 204681
Ion Ratio Lower Upper
105 100
120 25.5 21.0 31.6
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.043 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Tgt Ion: 75 Resp: 21067
Ion Ratio Lower Upper
75 100
77 31.8 24.7 37.1
110 38.1 28.0 42.0





#62

1,3,5-Trimethylbenzene

Concen: 5.001 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

Instrument :

MSVOA_V

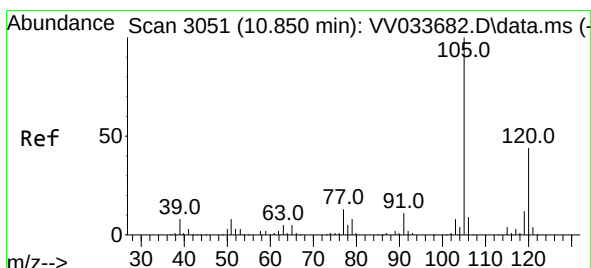
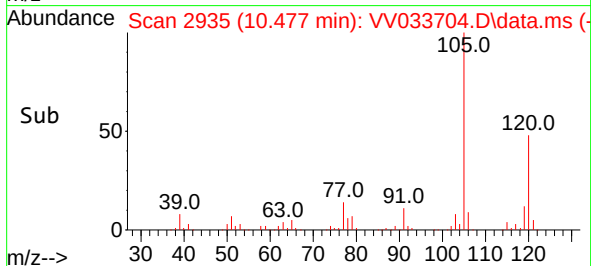
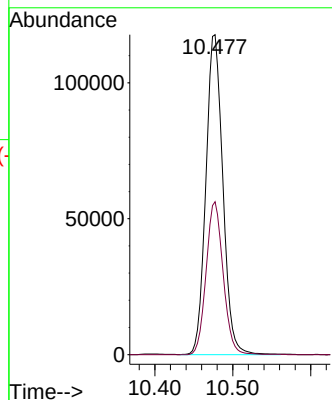
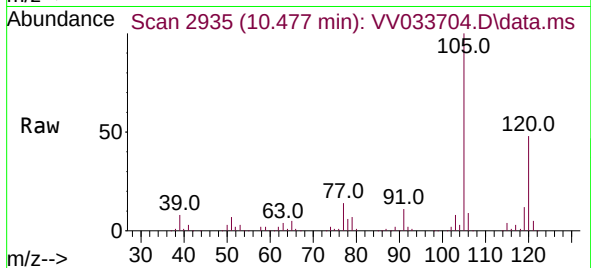
ClientSampleId :

Tgt Ion:105 Resp: 178177

Ion Ratio Lower Upper

105 100

120 47.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.048 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033704.D

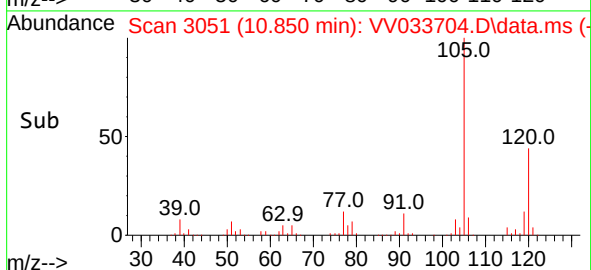
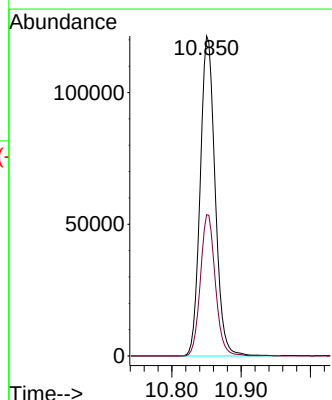
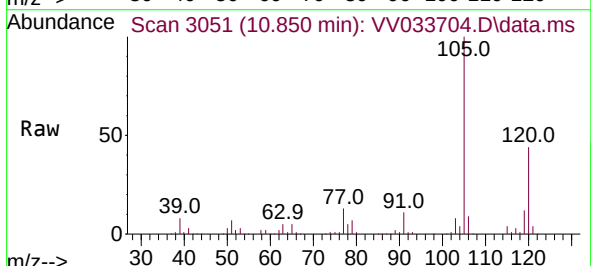
Acq: 17 Jan 2024 04:54

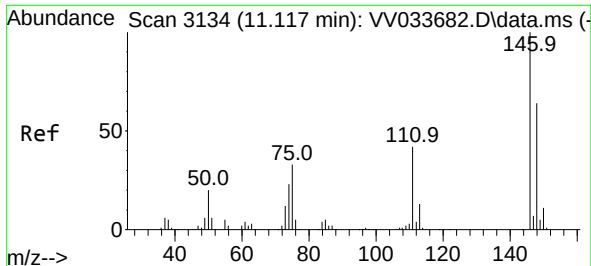
Tgt Ion:105 Resp: 181565

Ion Ratio Lower Upper

105 100

120 44.1 35.5 53.3

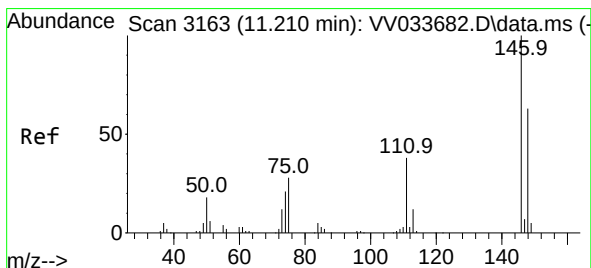
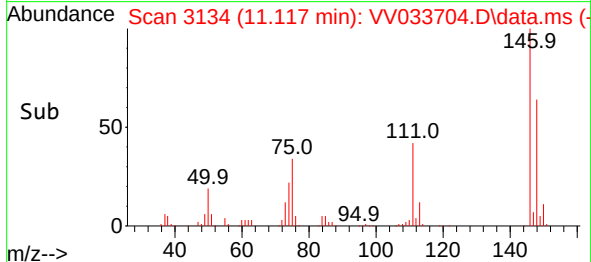
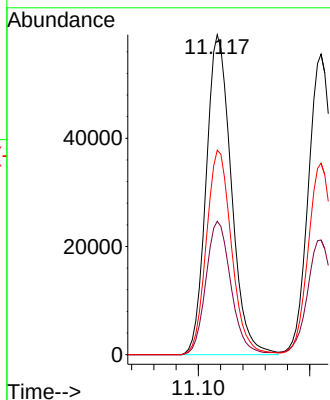
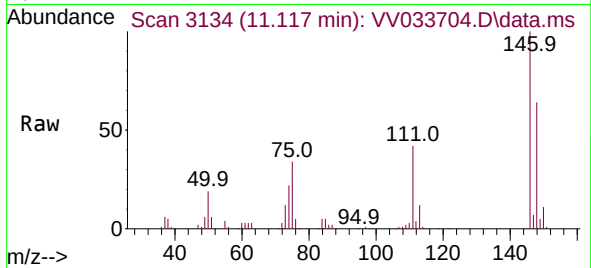




#64
1,3-Dichlorobenzene
Concen: 5.086 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

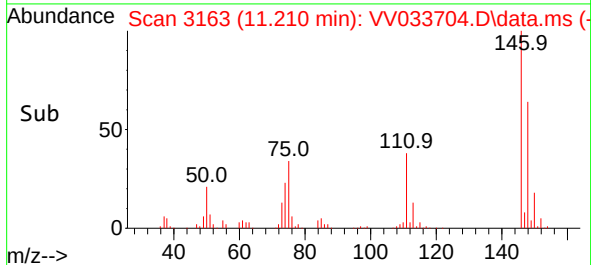
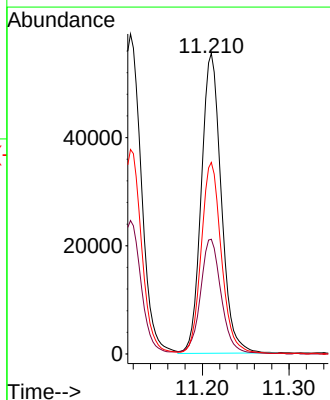
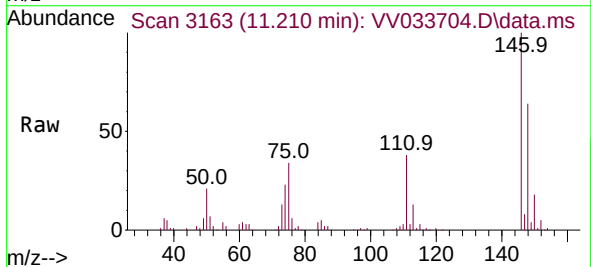
Instrument :
MSVOA_V
ClientSampleId :

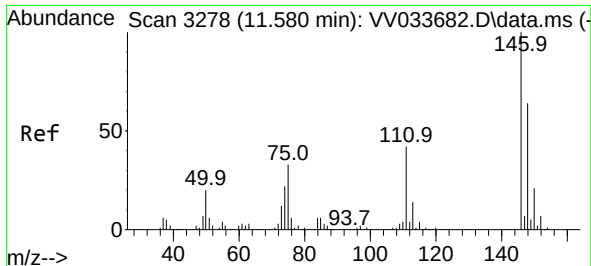
Tgt Ion:146 Resp: 92744
Ion Ratio Lower Upper
146 100
111 41.7 29.2 54.2
148 63.9 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 4.962 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Tgt Ion:146 Resp: 88606
Ion Ratio Lower Upper
146 100
111 38.2 27.5 51.1
148 63.7 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.057 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

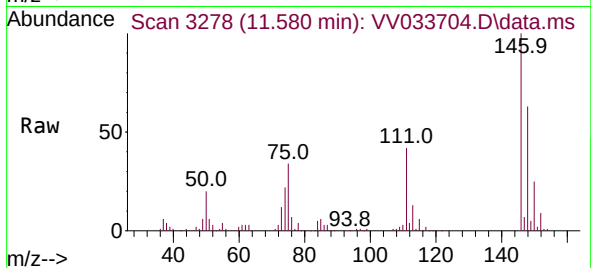
Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

Instrument :

MSVOA_V

ClientSampleId :



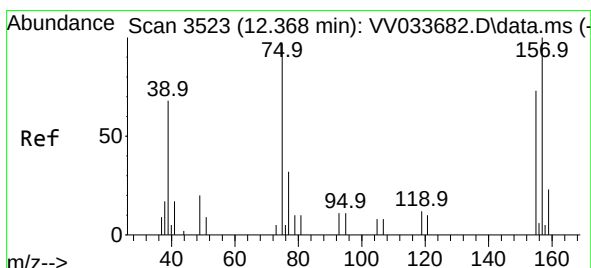
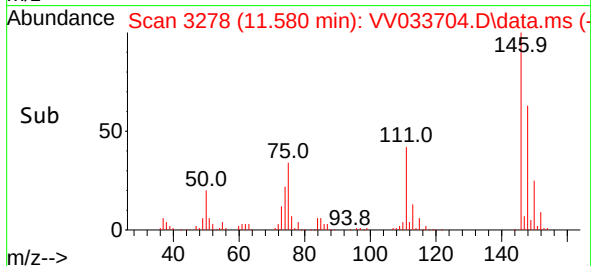
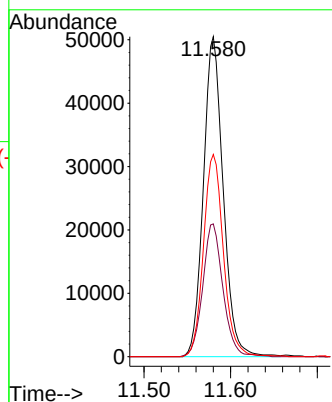
Tgt Ion:146 Resp: 80140

Ion Ratio Lower Upper

146 100

111 41.5 36.1 54.1

148 63.2 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.604 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV033704.D

Acq: 17 Jan 2024 04:54

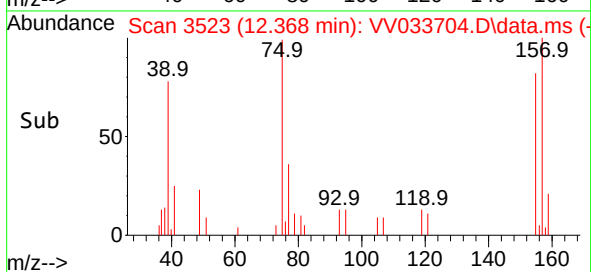
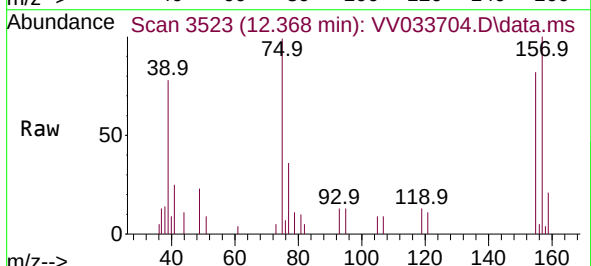
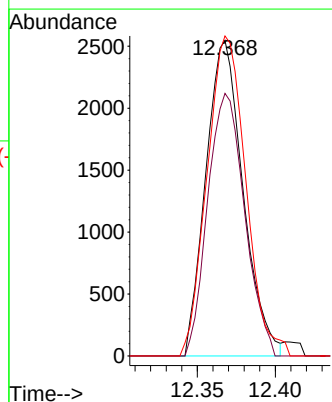
Tgt Ion: 75 Resp: 4227

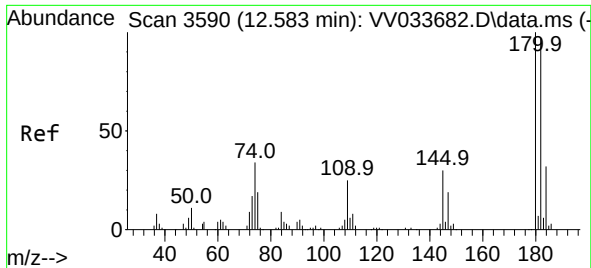
Ion Ratio Lower Upper

75 100

155 83.2 65.3 97.9

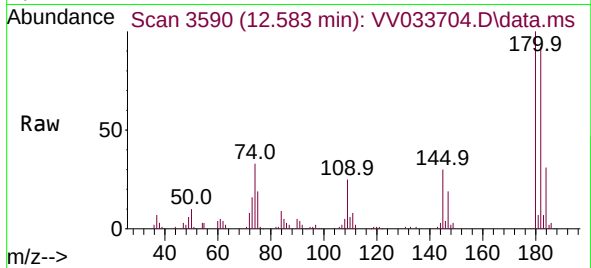
157 101.4 75.4 113.0



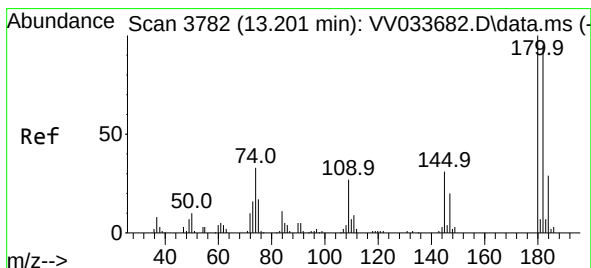
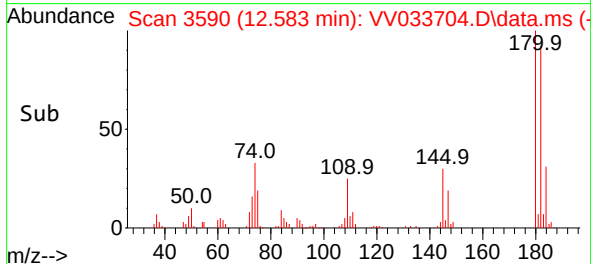
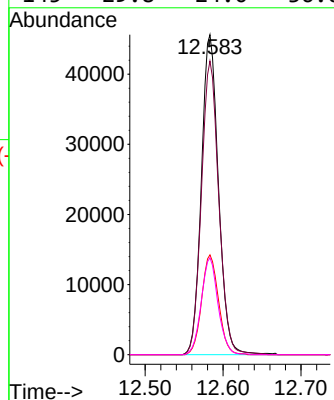


#69
 1,3,5-Trichlorobenzene
 Concen: 4.907 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: VV033704.D
 Acq: 17 Jan 2024 04:54

Instrument :
 MSVOA_V
 ClientSampleId :

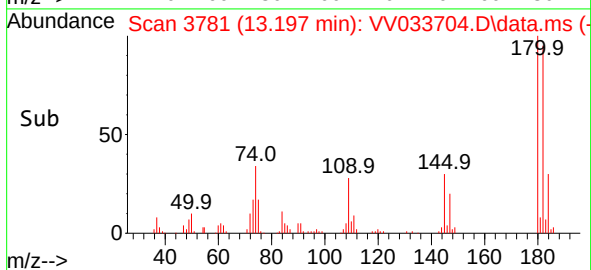
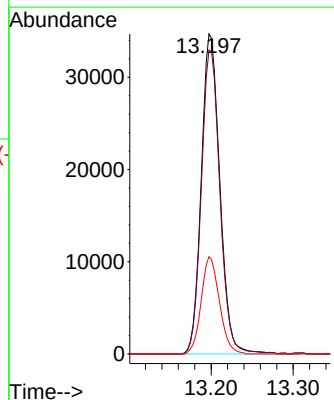
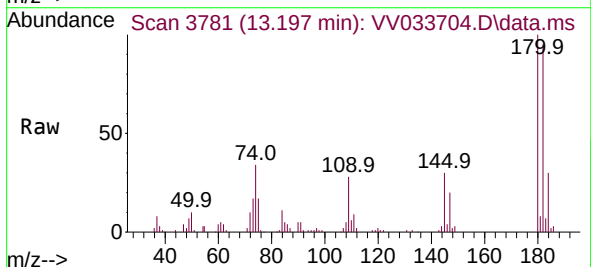


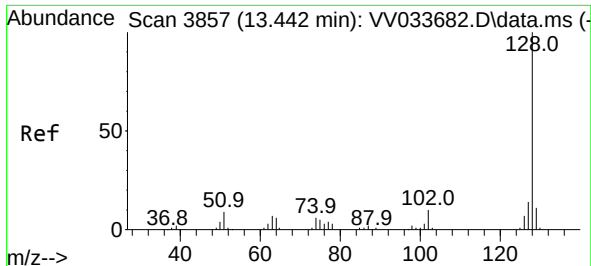
Tgt Ion:180 Resp: 69468
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.4 114.6
 184 30.8 24.2 36.2
 145 29.8 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.623 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. -0.003 min
 Lab File: VV033704.D
 Acq: 17 Jan 2024 04:54

Tgt Ion:180 Resp: 54533
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.0 112.6
 145 29.7 24.8 37.2

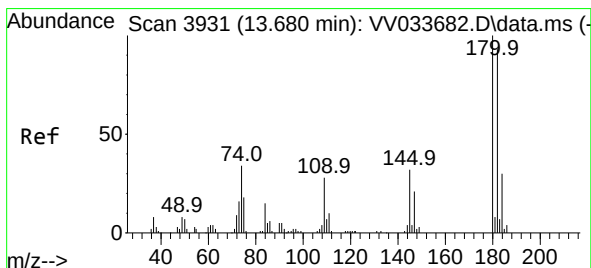
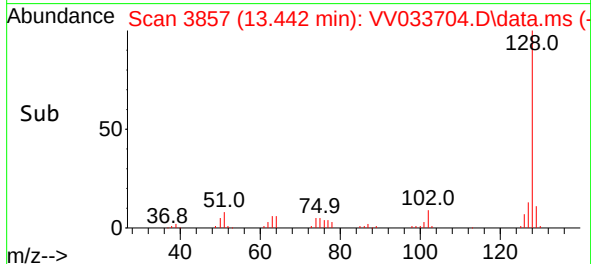
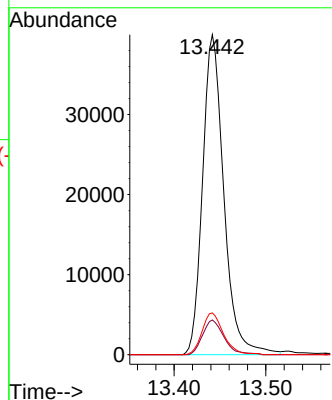
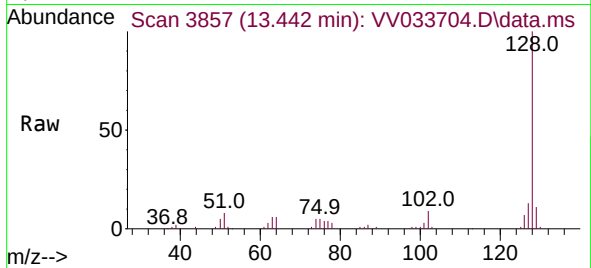




#71
Naphthalene
Concen: 3.272 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 64420
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.473 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033704.D
Acq: 17 Jan 2024 04:54

Tgt Ion:180 Resp: 42316
Ion Ratio Lower Upper
180 100
182 92.7 75.0 112.6
145 32.9 26.6 40.0

