

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012624\
 Data File : VW033895.D
 Acq On : 26 Jan 2024 18:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 29 02:05:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 29 01:58:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	178428	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	166675	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	86171	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	53523	39.031	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.060%
7) Chloroethane-d5	1.519	69	45618	42.007	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.020%
11) 1,1-Dichloroethene-d2	2.056	65	24457	41.441	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.880%
21) 2-Butanone-d5	3.783	46	93689	99.607	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.610%
24) Chloroform-d	4.249	84	109742	44.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.520%
26) 1,2-Dichloroethane-d4	4.940	65	74521	47.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
32) Benzene-d6	4.960	84	197071	41.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.180%
36) 1,2-Dichloropropane-d6	5.989	67	63393	40.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.280%
41) Toluene-d8	7.243	98	179889	42.135	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.260%
43) trans-1,3-Dichloroprop...	7.554	79	34506	44.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.520%
47) 2-Hexanone-d5	8.024	63	67594	104.476	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.480%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	89617	45.006	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.020%
66) 1,2-Dichlorobenzene-d4	11.561	152	73942	45.227	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	47246	31.829	ug/L	100
3) Chloromethane	1.214	50	65448	38.774	ug/L	99
5) Vinyl chloride	1.281	62	61985	38.386	ug/L	95
6) Bromomethane	1.471	94	31495	37.320	ug/L	99
8) Chloroethane	1.539	64	42740	44.388	ug/L	97
9) Trichlorofluoromethane	1.709	101	92210	47.854	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	48418	42.649	ug/L	96
12) 1,1-Dichloroethene	2.066	96	49774	46.481	ug/L	95
13) Acetone	2.111	43	89112	99.089	ug/L	99
14) Carbon disulfide	2.236	76	137286	37.721	ug/L	100
15) Methyl Acetate	2.371	43	75009	51.007	ug/L #	100
16) Methylene chloride	2.445	84	62270	47.667	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	51645	43.175	ug/L	93
18) Methyl tert-butyl Ether	2.703	73	218699	50.835	ug/L	98
19) 1,1-Dichloroethane	3.111	63	110796	45.306	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	63301	47.549	ug/L	94
22) 2-Butanone	3.863	43	105732	96.802	ug/L	96
23) Bromochloromethane	4.146	128	33323	51.524	ug/L #	84
25) Chloroform	4.275	83	113908	49.127	ug/L	99

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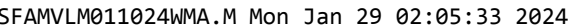
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 ClientSampleId :

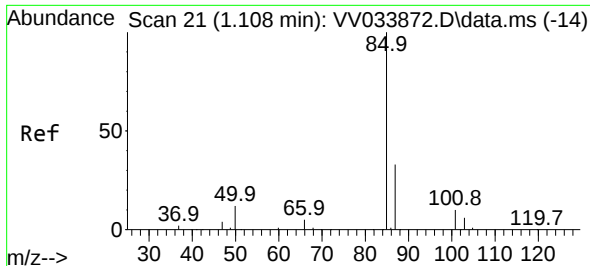
Quant Time: Jan 29 02:05:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 29 01:58:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	101290	52.302	ug/L	100
29) Cyclohexane	4.580	56	79101	33.664	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	97132	48.561	ug/L	98
31) Carbon tetrachloride	4.735	117	80973	47.428	ug/L	100
33) Benzene	5.008	78	228782	46.733	ug/L	100
34) Trichloroethene	5.834	95	57252	43.597	ug/L	96
35) Methylcyclohexane	6.050	83	78700	35.019	ug/L	95
37) 1,2-Dichloropropane	6.091	63	62857	46.660	ug/L	98
38) Bromodichloromethane	6.432	83	88663	50.311	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	107259	47.679	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	201369	100.881	ug/L	97
42) Toluene	7.317	91	240011	46.379	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	100206	48.337	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	62375	51.031	ug/L	99
46) Tetrachloroethene	7.905	164	42974	44.616	ug/L	96
48) 2-Hexanone	8.075	43	154742	97.290	ug/L	98
49) Dibromochloromethane	8.178	129	66920	52.567	ug/L	99
50) 1,2-Dibromoethane	8.281	107	65275	50.534	ug/L	97
51) Chlorobenzene	8.815	112	155824	47.271	ug/L	98
52) Ethylbenzene	8.947	91	267307	44.597	ug/L	100
53) m,p-Xylene	9.072	106	99246	44.850	ug/L	99
54) o-Xylene	9.477	106	101910	46.519	ug/L	98
55) Styrene	9.496	104	175750	46.467	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	98283	50.525	ug/L	98
59) Bromoform	9.667	173	48565	53.027	ug/L	96
60) Isopropylbenzene	9.866	105	264874	45.431	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	79722	52.130	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	228904	45.759	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	230404	46.226	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	124791	47.386	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	123248	46.674	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	127464	49.535	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	25151	56.991	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	87787	45.110	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	80841	45.768	ug/L	99
71) Naphthalene	13.438	128	237517	51.460	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	82882	50.273	ug/L	99

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

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QLast Update : Mon Jan 29 01:58:36 2024
Response via : Initial Calibration

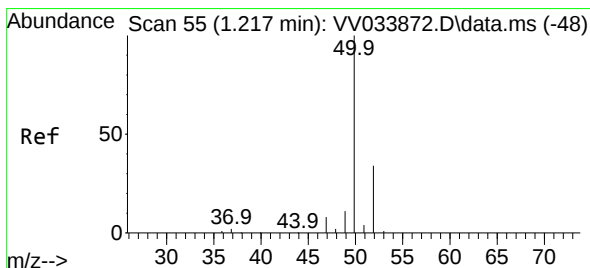
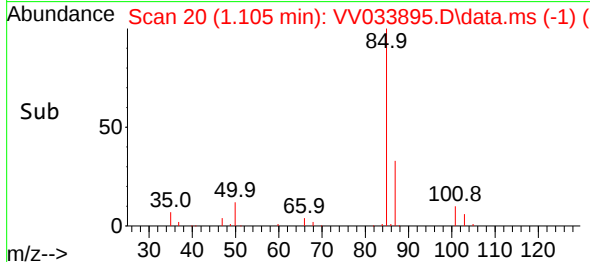
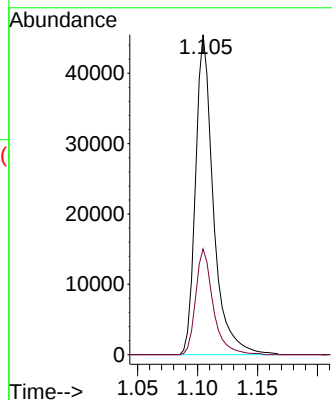
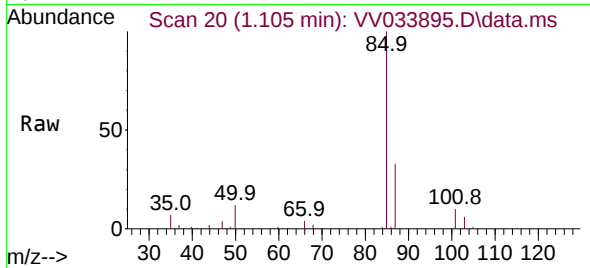




#2
 Dichlorodifluoromethane
 Concen: 31.829 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV033895.D
 Acq: 26 Jan 2024 18:45

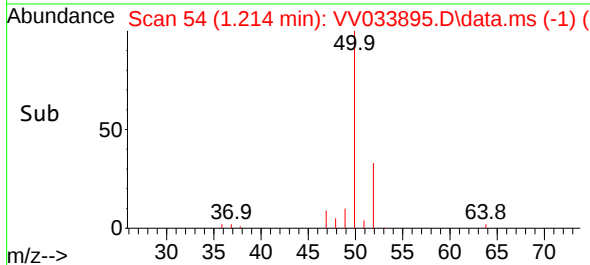
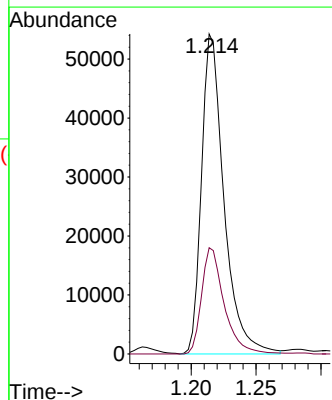
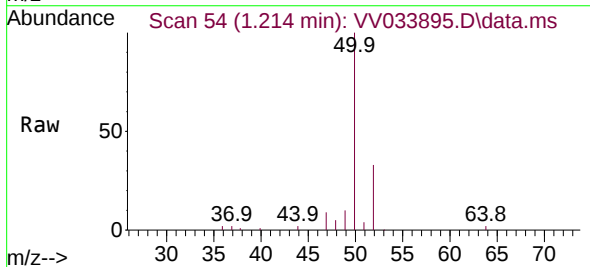
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 MSVOA_V
 ClientSampleId :

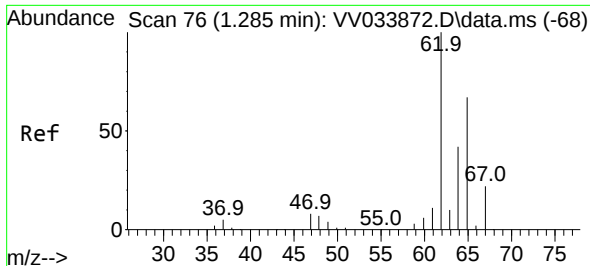
Tgt Ion: 85 Resp: 47246
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.6



#3
 Chloromethane
 Concen: 38.774 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV033895.D
 Acq: 26 Jan 2024 18:45

Tgt Ion: 50 Resp: 65448
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.8 42.4



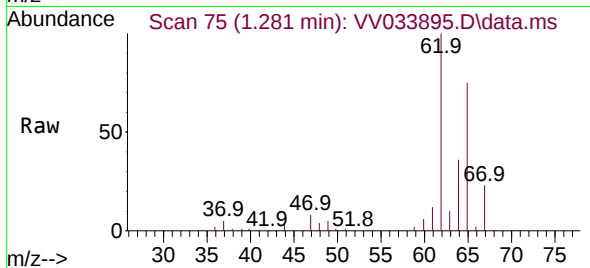


#5
 Vinyl chloride
 Concen: 38.386 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV033895.D
 Acq: 26 Jan 2024 18:45

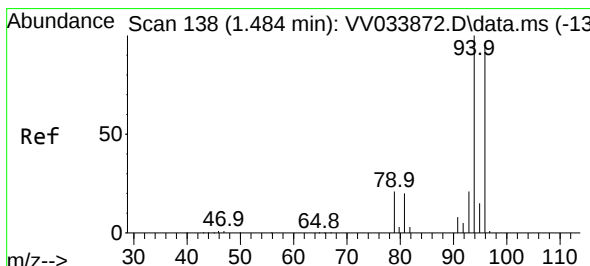
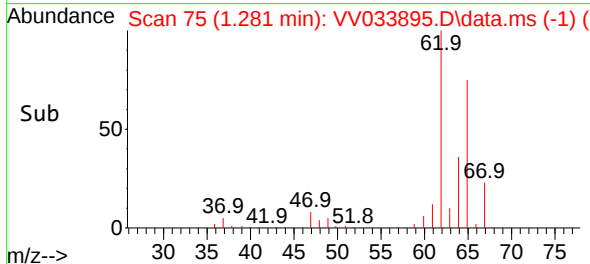
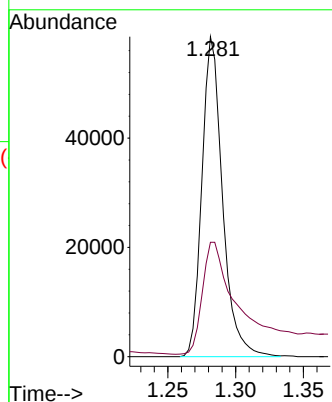
Instrument :

MSVOA_V

ClientSampleId :

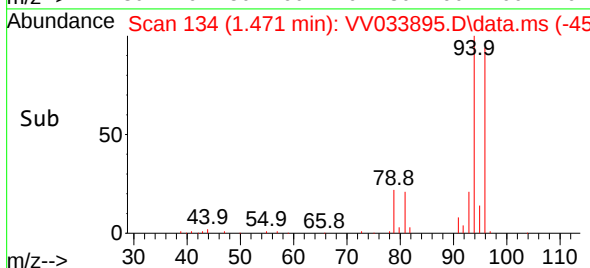
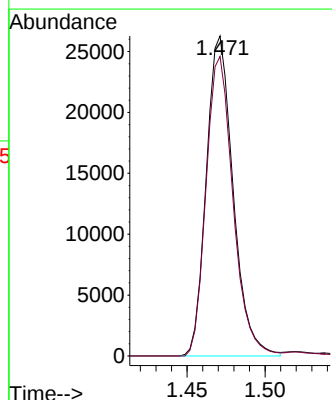
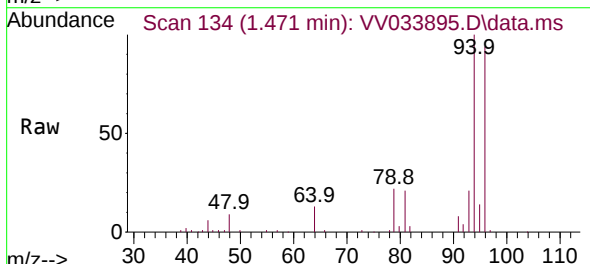


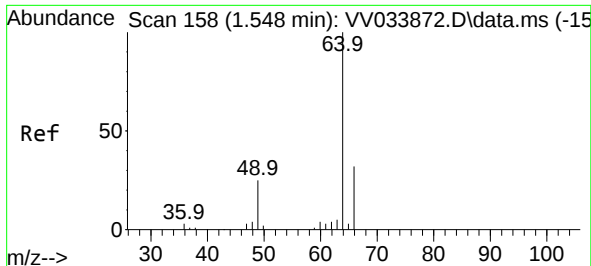
Tgt Ion: 62 Resp: 61985
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.2 43.0



#6
 Bromomethane
 Concen: 37.320 ug/L
 RT: 1.471 min Scan# 134
 Delta R.T. -0.013 min
 Lab File: VV033895.D
 Acq: 26 Jan 2024 18:45

Tgt Ion: 94 Resp: 31495
 Ion Ratio Lower Upper
 94 100
 96 93.6 66.4 123.2

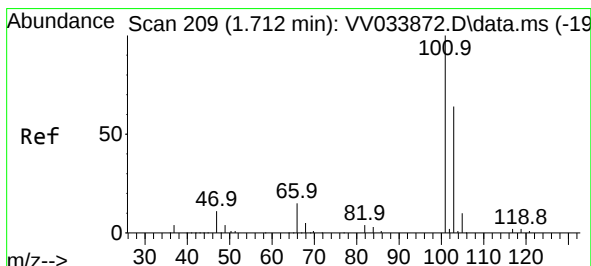
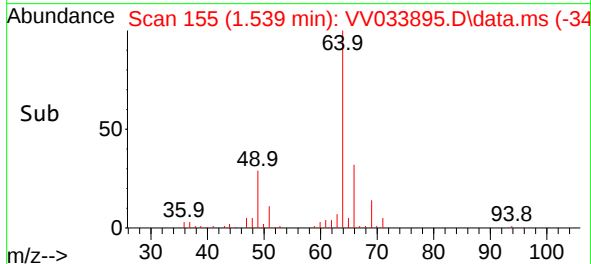
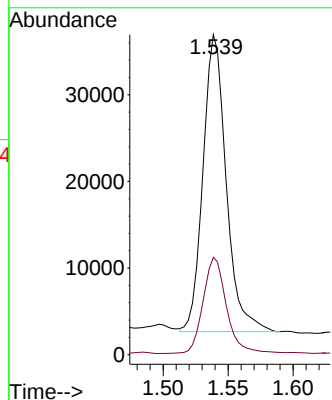
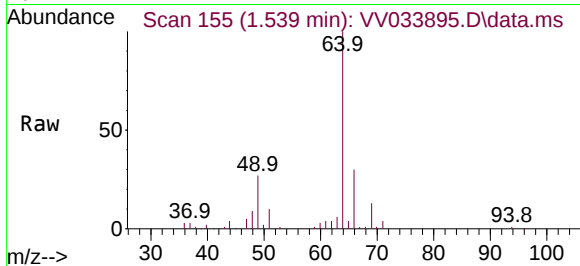




#8
Chloroethane
Concen: 44.388 ug/L
RT: 1.539 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

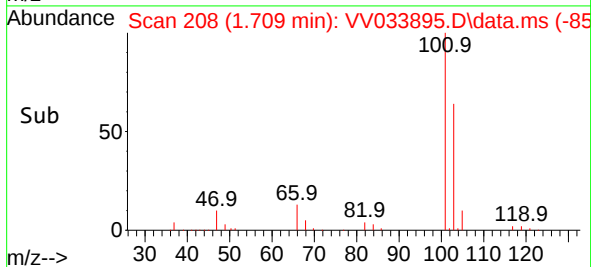
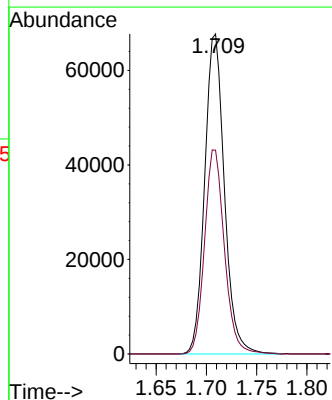
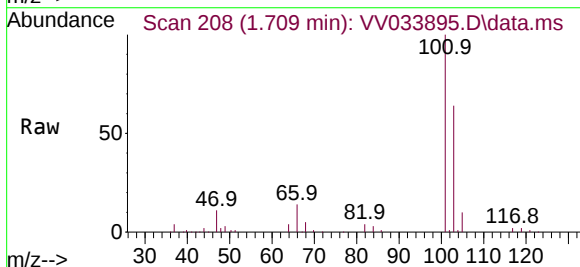
Instrument :
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ClientSampleId :

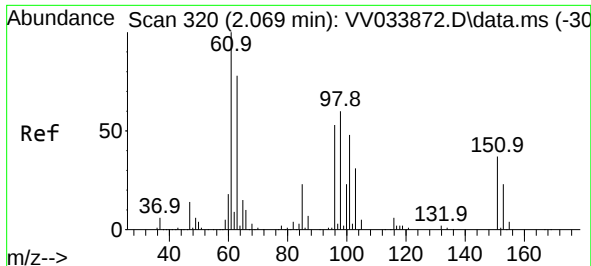
Tgt Ion: 64 Resp: 42740
Ion Ratio Lower Upper
64 100
66 30.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 47.854 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

Tgt Ion:101 Resp: 92210
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9

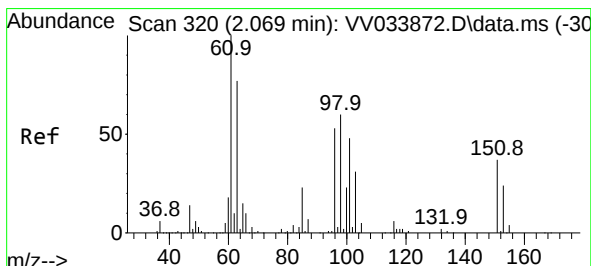
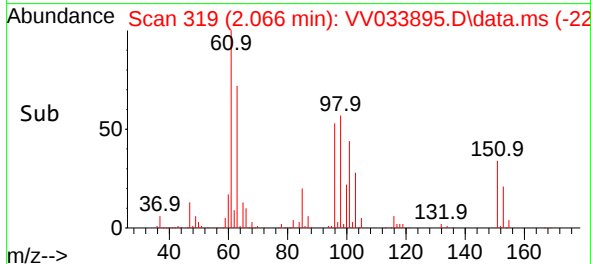
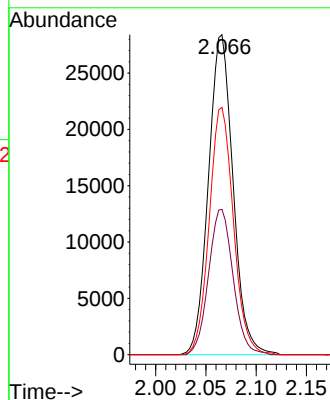
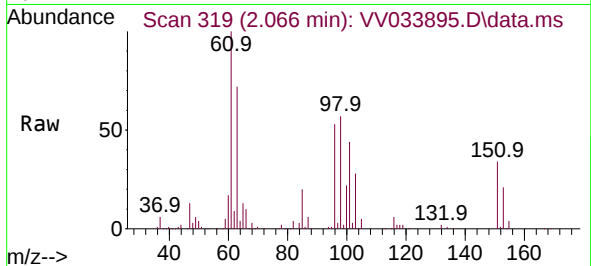




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.649 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV033895.D
 Acq: 26 Jan 2024 18:45

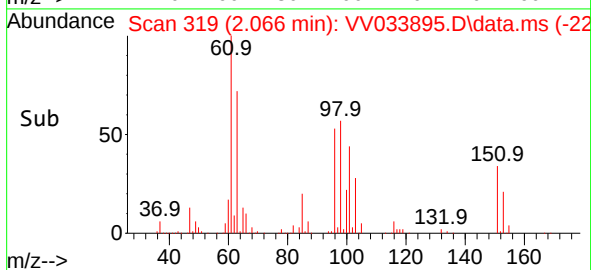
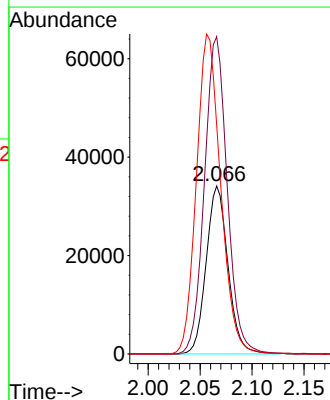
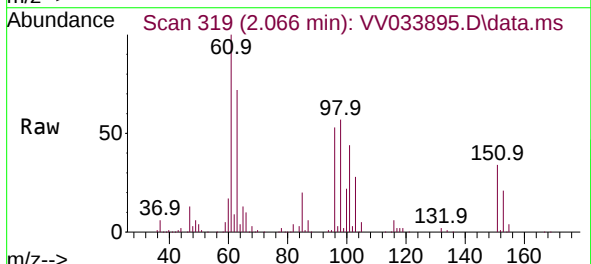
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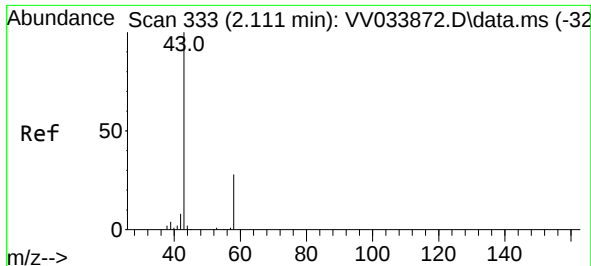
Tgt Ion:101 Resp: 48418
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.2 54.4
 151 75.9 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 46.481 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV033895.D
 Acq: 26 Jan 2024 18:45

Tgt Ion: 96 Resp: 49774
 Ion Ratio Lower Upper
 96 100
 61 188.9 134.0 248.8
 63 136.3 103.4 192.0





#13

Acetone

Concen: 99.089 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

Instrument :

MSVOA_V

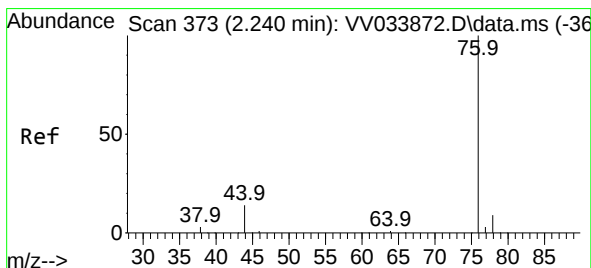
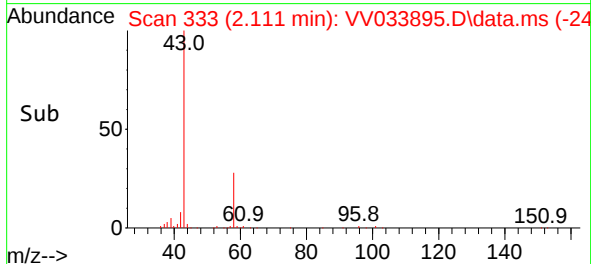
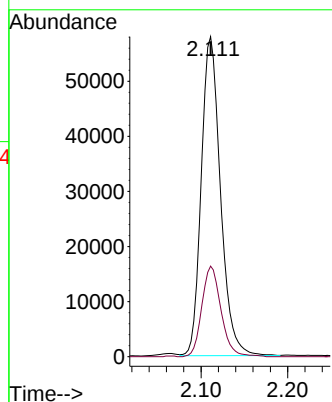
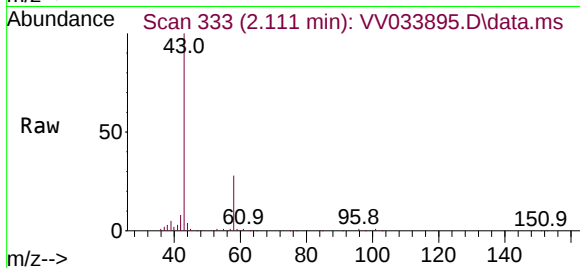
ClientSampleId :

Tgt Ion: 43 Resp: 89112

Ion Ratio Lower Upper

43 100

58 28.3 0.0 57.2



#14

Carbon disulfide

Concen: 37.721 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV033895.D

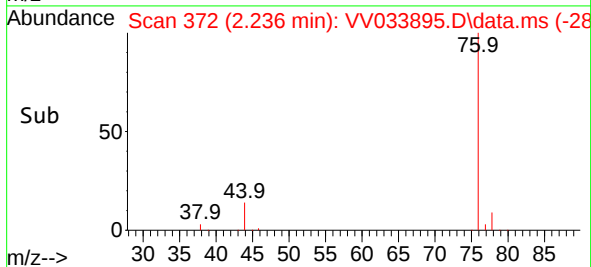
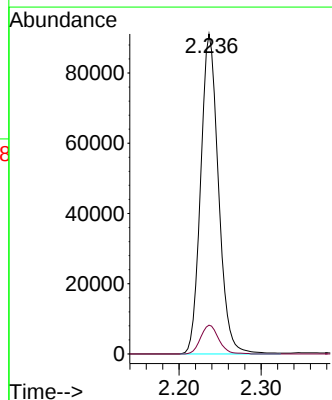
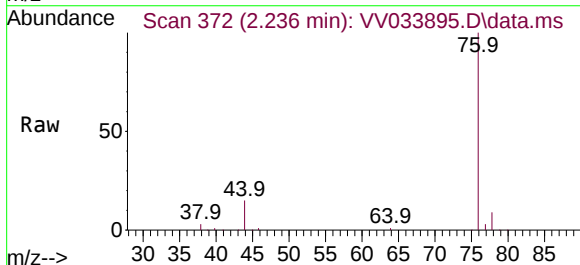
Acq: 26 Jan 2024 18:45

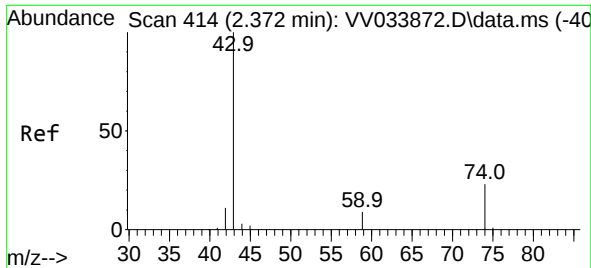
Tgt Ion: 76 Resp: 137286

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

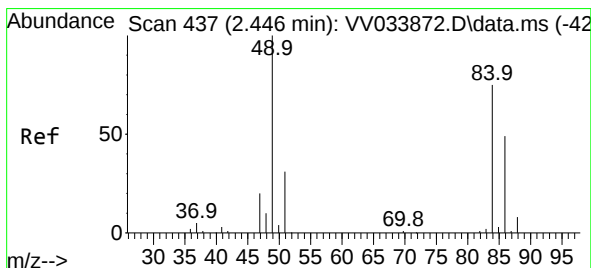
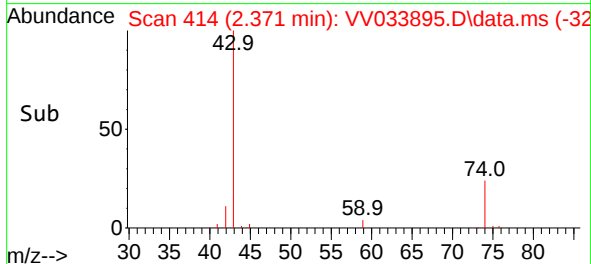
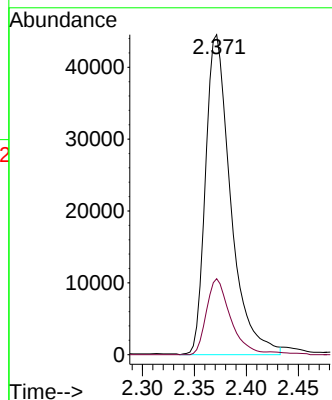
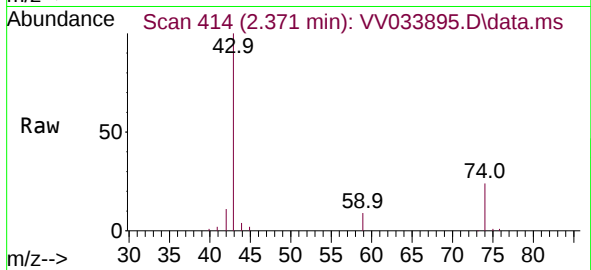




#15
Methyl Acetate
Concen: 51.007 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

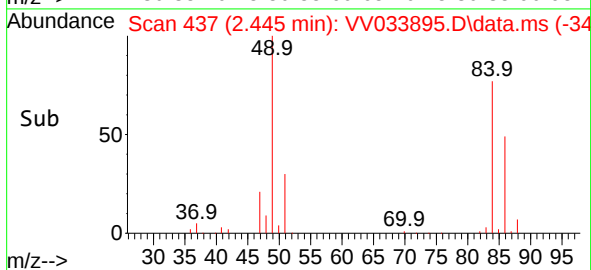
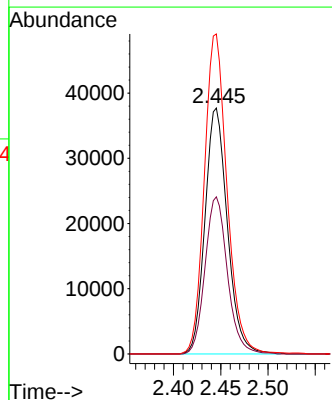
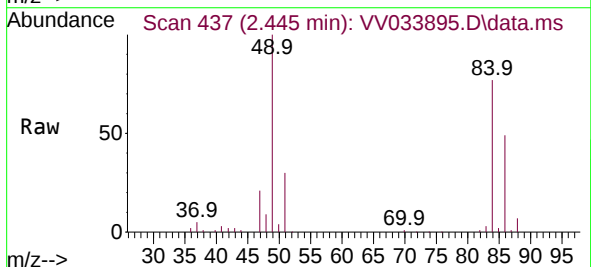
Instrument :
MSVOA_V
ClientSampleId :

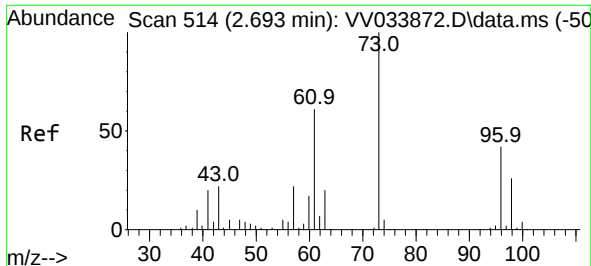
Tgt Ion: 43 Resp: 75009
Ion Ratio Lower Upper
43 100
74 22.5 0.0 0.0#



#16
Methylene chloride
Concen: 47.667 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

Tgt Ion: 84 Resp: 62270
Ion Ratio Lower Upper
84 100
86 63.9 43.9 81.5
49 130.1 98.3 182.5

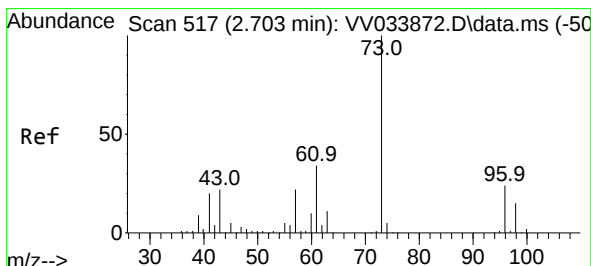
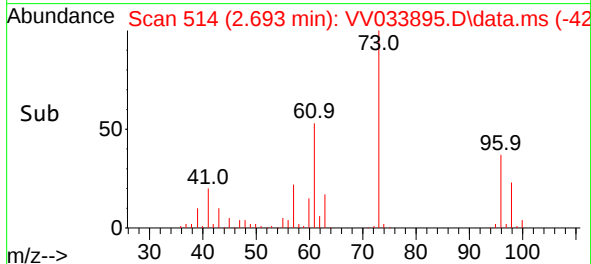
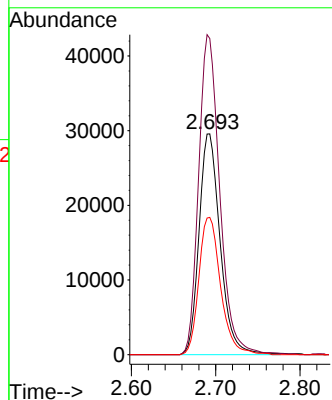
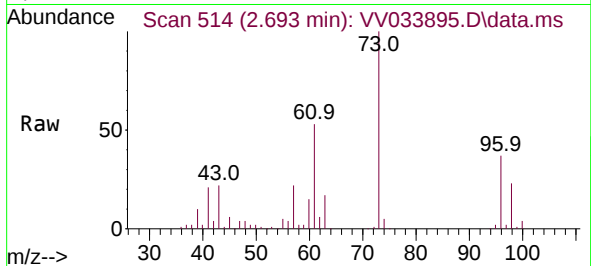




#17
trans-1,2-Dichloroethene
Concen: 43.175 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

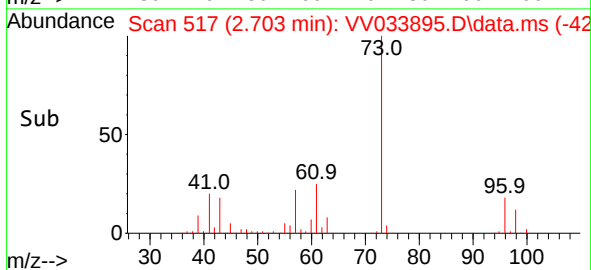
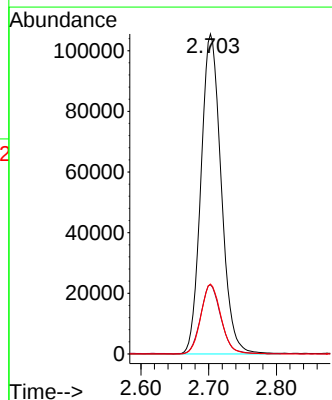
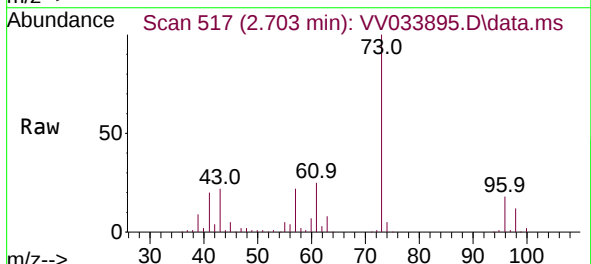
Instrument :
MSVOA_V
ClientSampleId :

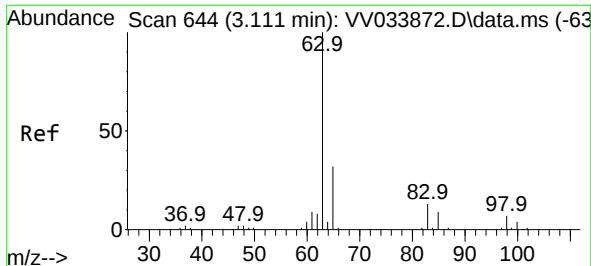
Tgt Ion: 96 Resp: 51645
Ion Ratio Lower Upper
96 100
61 143.2 108.4 201.4
98 62.2 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 50.835 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

Tgt Ion: 73 Resp: 218699
Ion Ratio Lower Upper
73 100
43 21.5 17.4 26.2
57 21.6 18.6 27.8





#19

1,1-Dichloroethane

Concen: 45.306 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

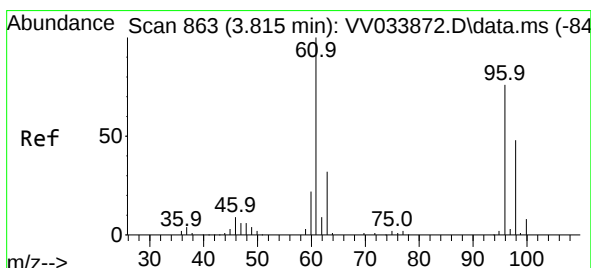
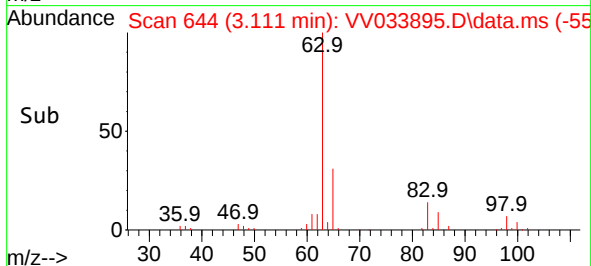
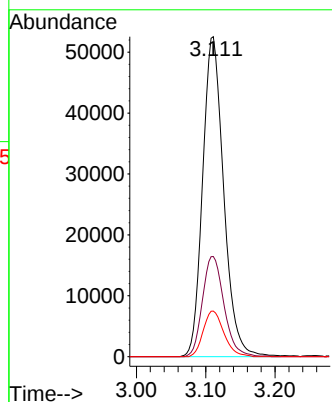
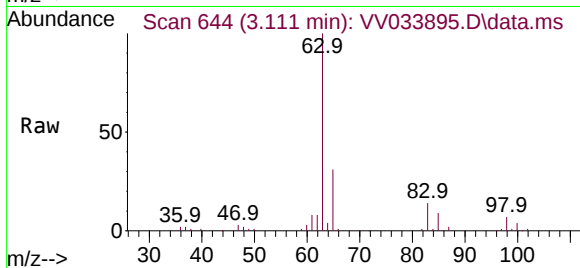
Tgt Ion: 63 Resp: 110796

Ion Ratio Lower Upper

63 100

65 31.3 22.4 41.6

83 14.3 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 47.549 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.003 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

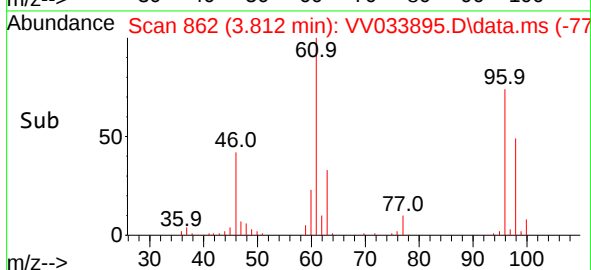
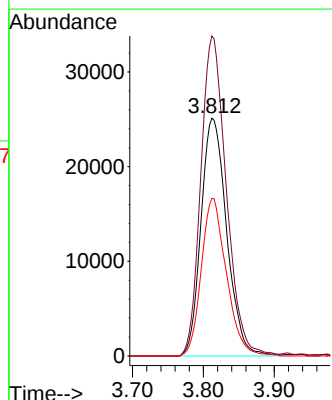
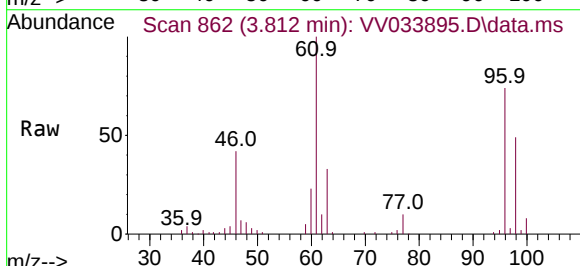
Tgt Ion: 96 Resp: 63301

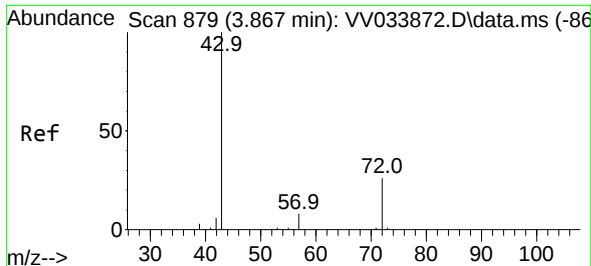
Ion Ratio Lower Upper

96 100

61 134.6 100.6 186.8

98 66.3 44.6 82.8

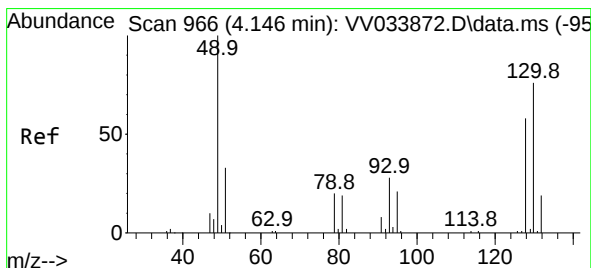
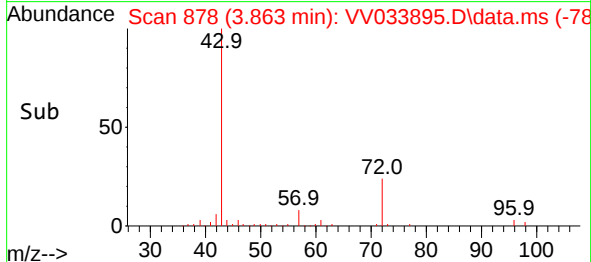
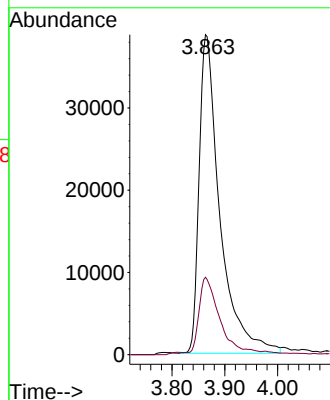
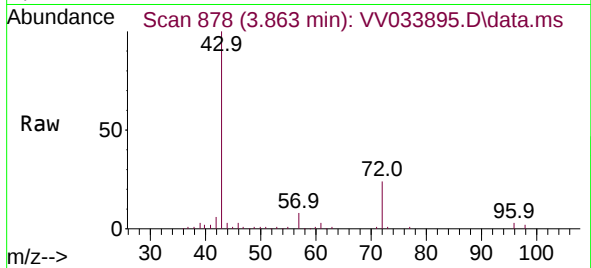




#22
2-Butanone
Concen: 96.802 ug/L
RT: 3.863 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

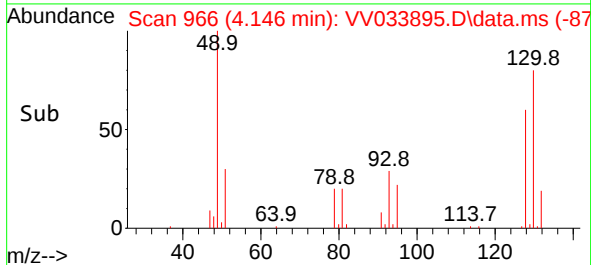
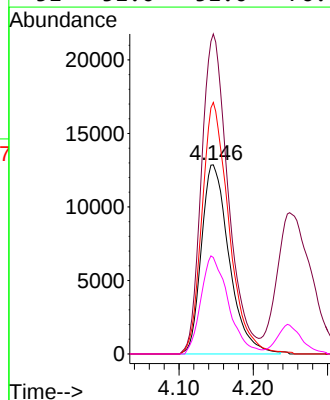
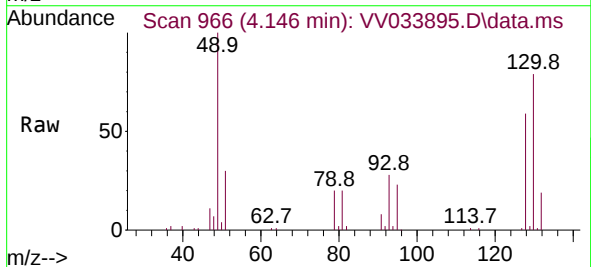
Instrument :
MSVOA_V
ClientSampleId :

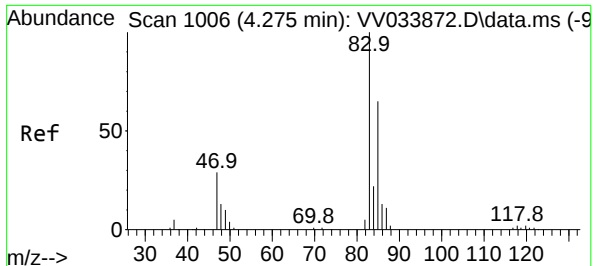
Tgt Ion: 43 Resp: 105732
Ion Ratio Lower Upper
43 100
72 21.8 11.9 35.5



#23
Bromochloromethane
Concen: 51.524 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

Tgt Ion: 128 Resp: 33323
Ion Ratio Lower Upper
128 100
49 169.2 143.9 267.2
130 133.0 90.6 168.2
51 51.0 51.0 76.6#

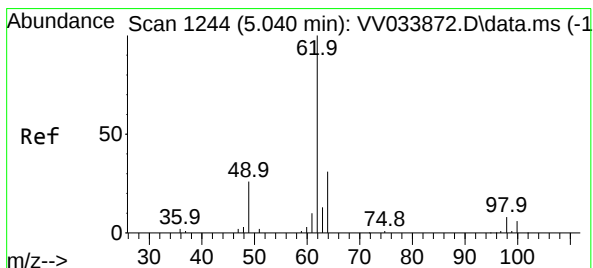
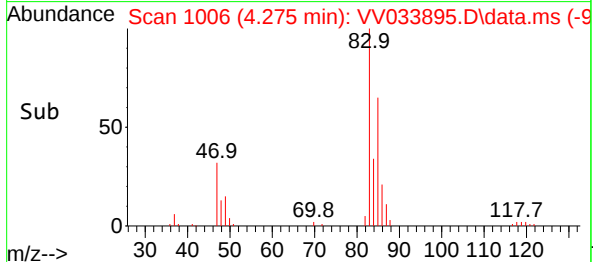
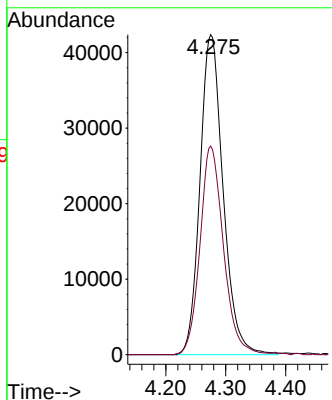
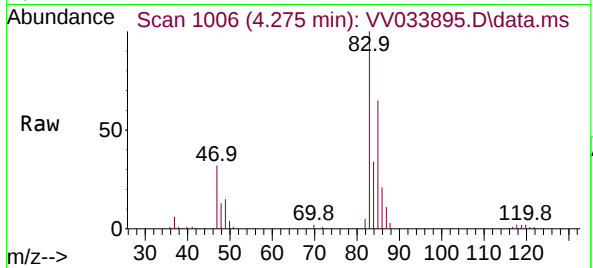




#25
Chloroform
Concen: 49.127 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

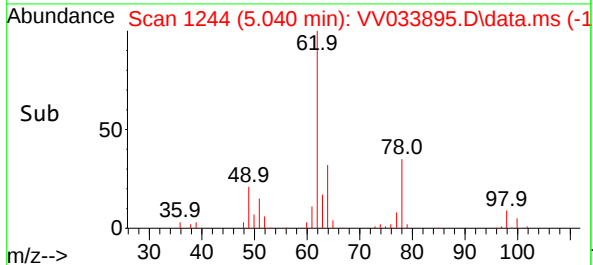
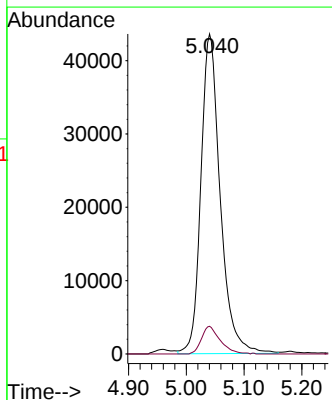
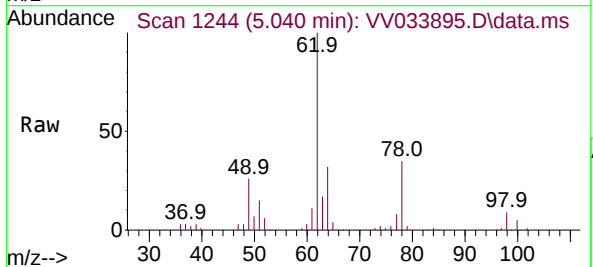
Instrument :
MSVOA_V
ClientSampleId :

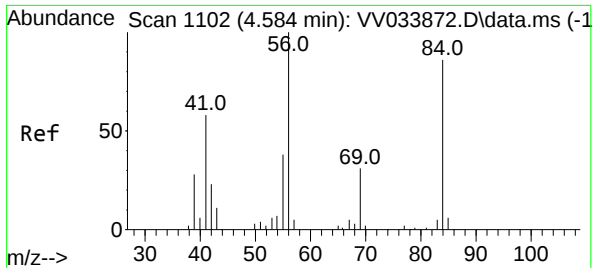
Tgt Ion: 83 Resp: 113908
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 52.302 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

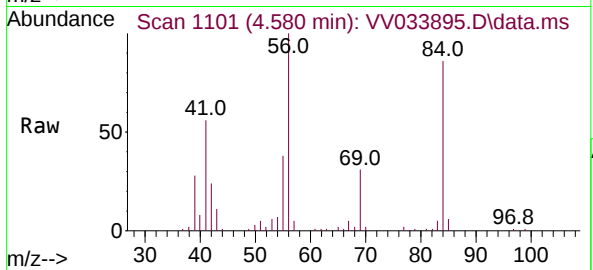
Tgt Ion: 62 Resp: 101290
Ion Ratio Lower Upper
62 100
98 8.7 6.8 10.2



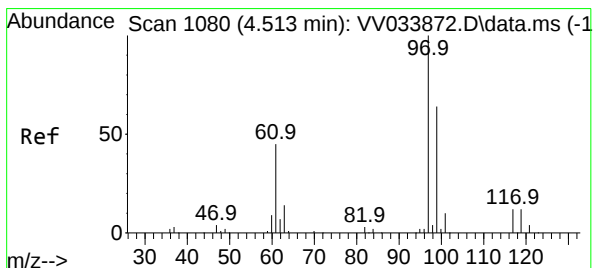
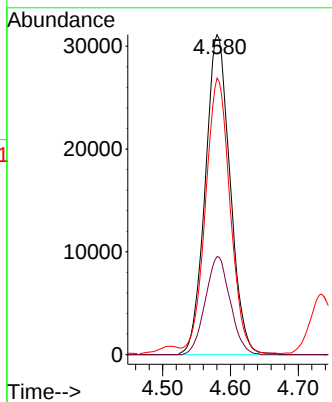
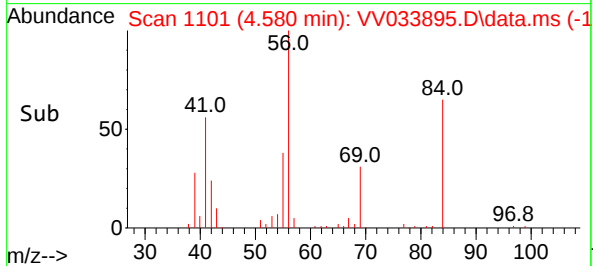


#29
Cyclohexane
Concen: 33.664 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

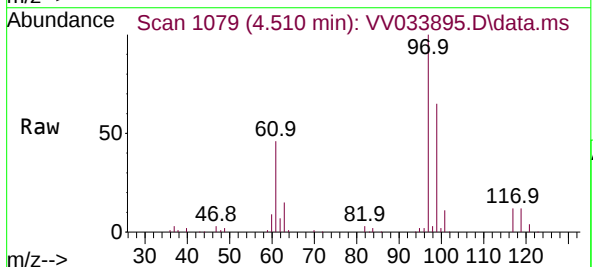
Instrument :
MSVOA_V
ClientSampleId :



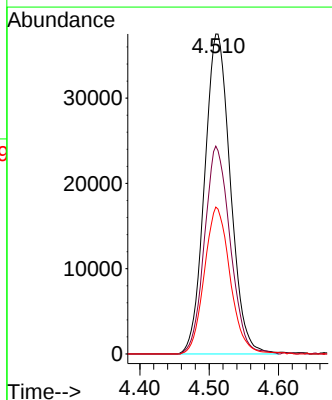
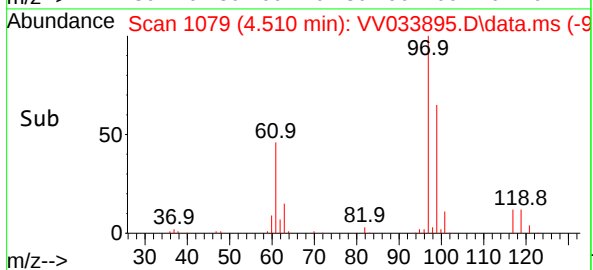
Tgt Ion:	56	Resp:	79101
Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.8	35.6
84	84.9	63.8	95.6

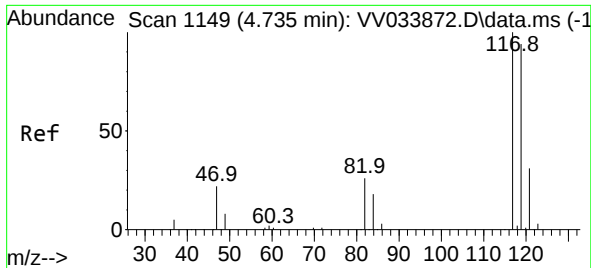


#30
1,1,1-Trichloroethane
Concen: 48.561 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45



Tgt Ion:	97	Resp:	97132
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	45.7	38.2	57.2

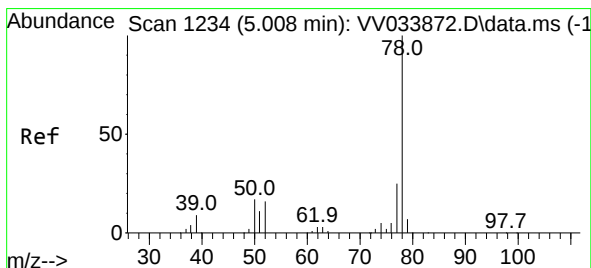
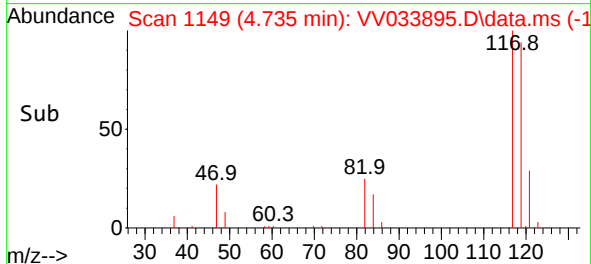
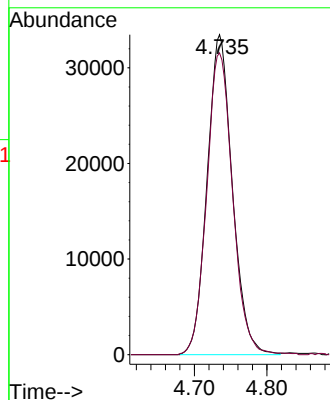
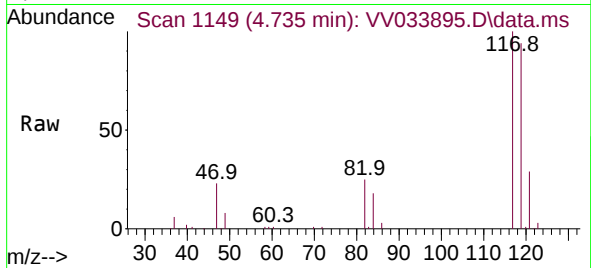




#31
Carbon tetrachloride
Concen: 47.428 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

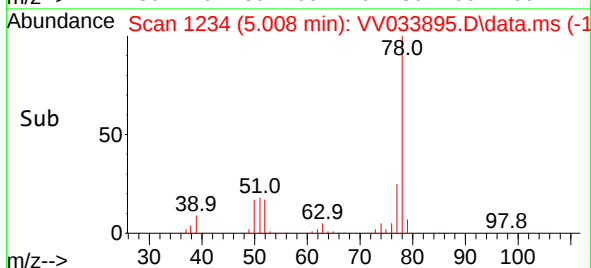
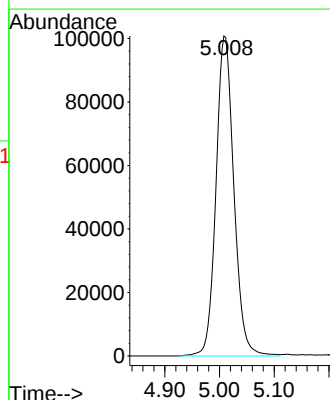
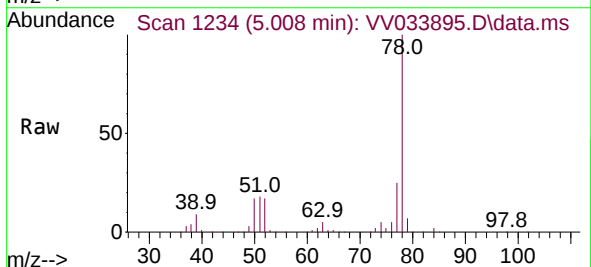
Instrument :
MSVOA_V
ClientSampleId :

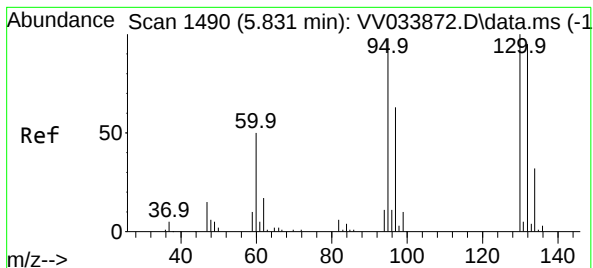
Tgt Ion:117 Resp: 80973
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.4



#33
Benzene
Concen: 46.733 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

Tgt Ion: 78 Resp: 228782





#34

Trichloroethene

Concen: 43.597 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 57252

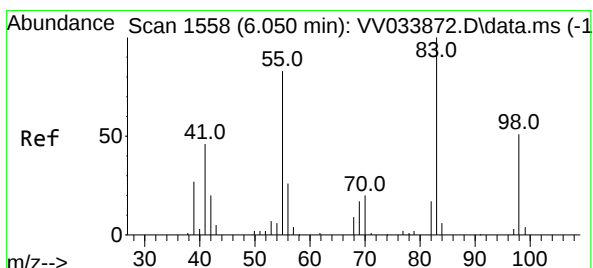
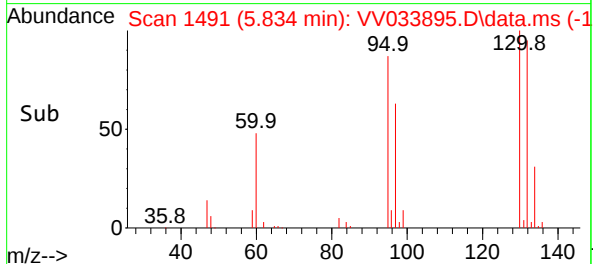
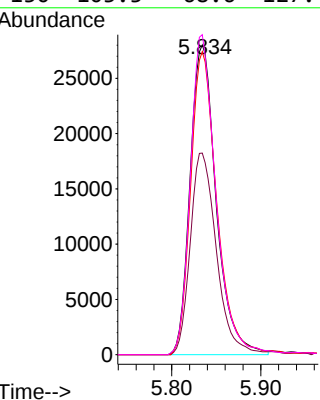
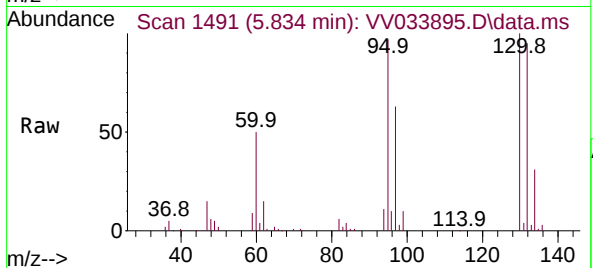
Ion Ratio Lower Upper

95 100

97 65.1 44.4 82.4

132 97.8 65.5 121.7

130 103.3 68.6 127.4



#35

Methylcyclohexane

Concen: 35.019 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

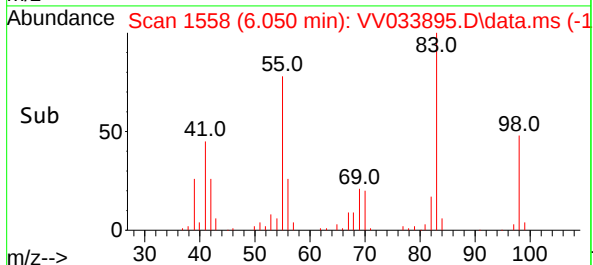
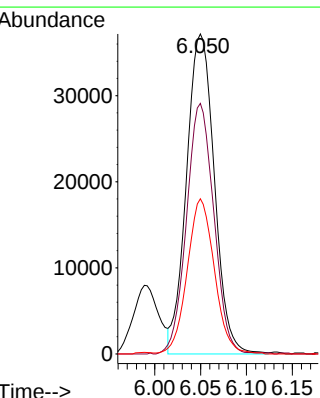
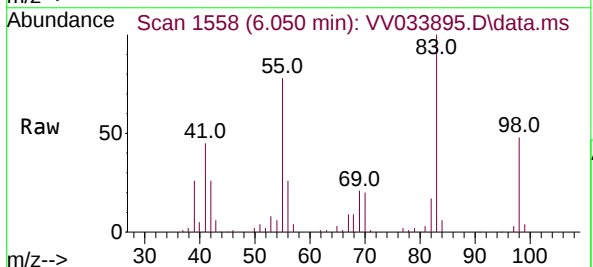
Tgt Ion: 83 Resp: 78700

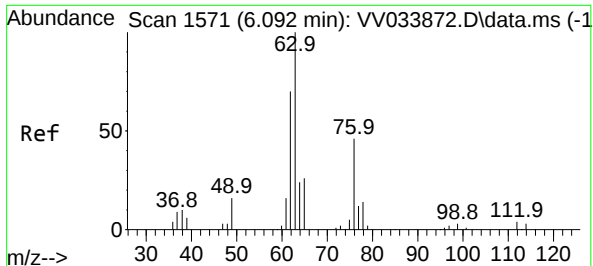
Ion Ratio Lower Upper

83 100

55 76.6 67.1 100.7

98 46.7 37.7 56.5





#37

1,2-Dichloropropane

Concen: 46.660 ug/L

RT: 6.091 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

Instrument :

MSVOA_V

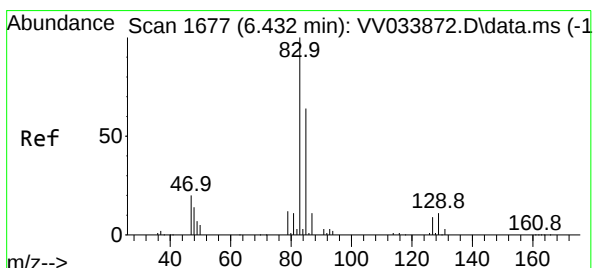
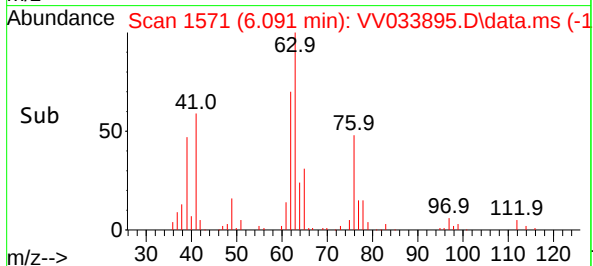
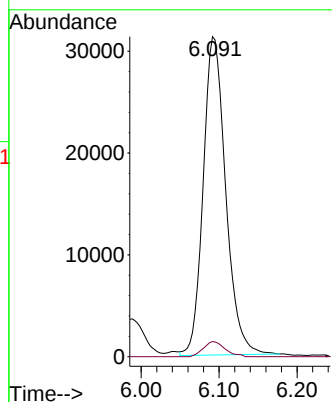
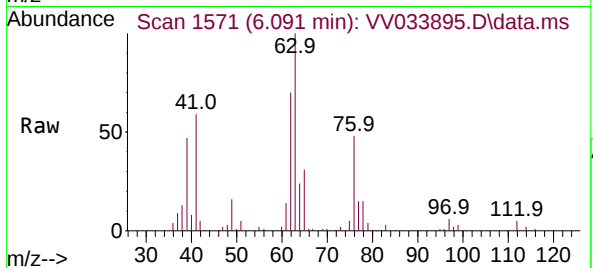
ClientSampleId :

Tgt Ion: 63 Resp: 62857

Ion Ratio Lower Upper

63 100

112 4.6 3.1 4.7



#38

Bromodichloromethane

Concen: 50.311 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

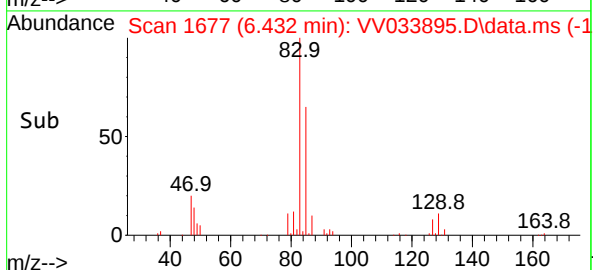
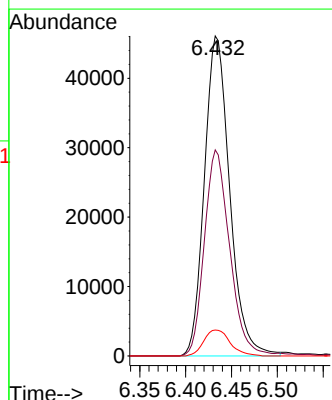
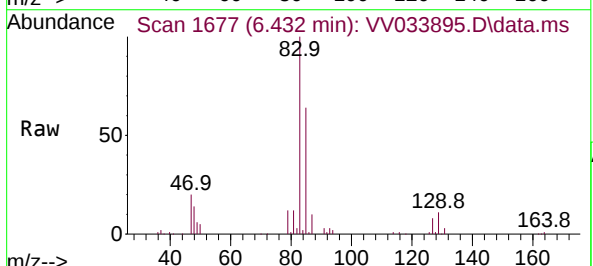
Tgt Ion: 83 Resp: 88663

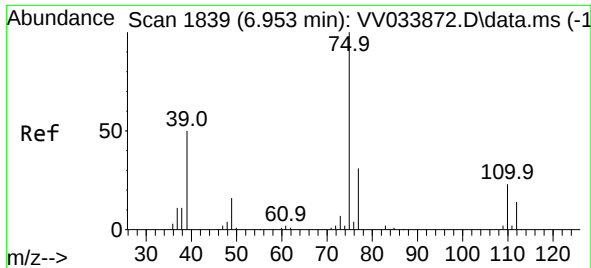
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

127 8.1 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 47.679 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

Instrument :

MSVOA_V

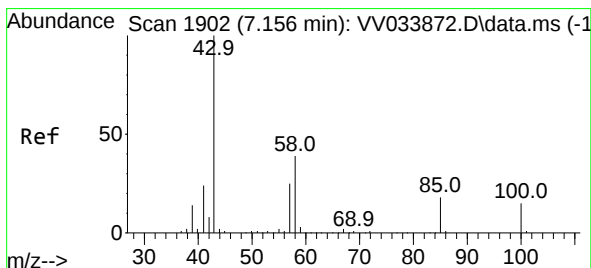
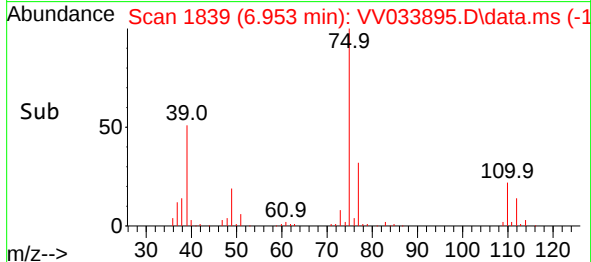
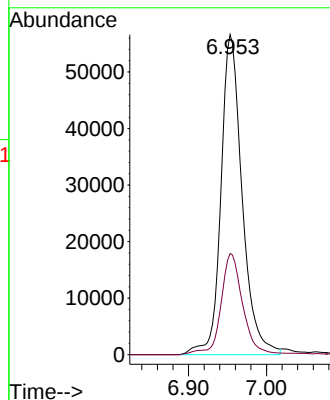
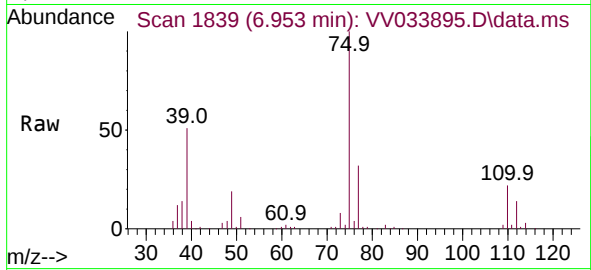
ClientSampleId :

Tgt Ion: 75 Resp: 107259

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 100.881 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

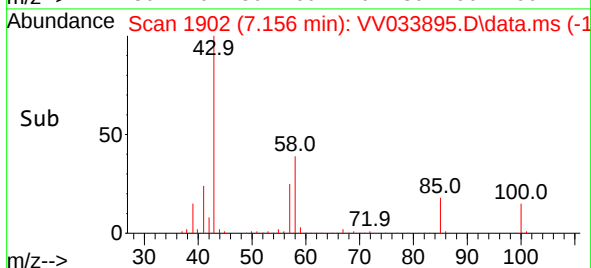
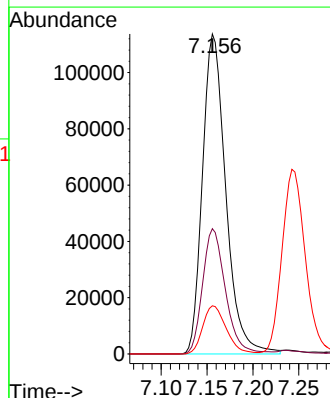
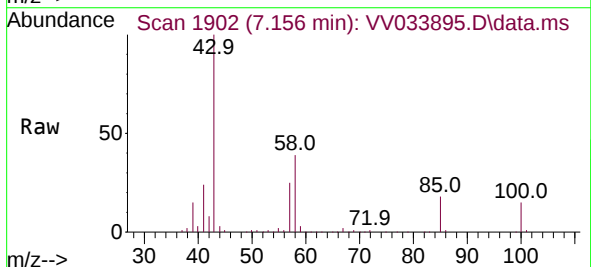
Tgt Ion: 43 Resp: 201369

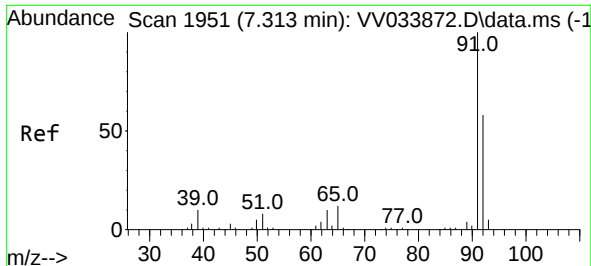
Ion Ratio Lower Upper

43 100

58 38.4 29.6 44.4

100 15.2 10.6 16.0





#42

Toluene

Concen: 46.379 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

Instrument :

MSVOA_V

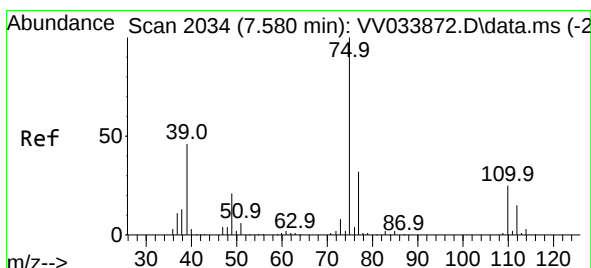
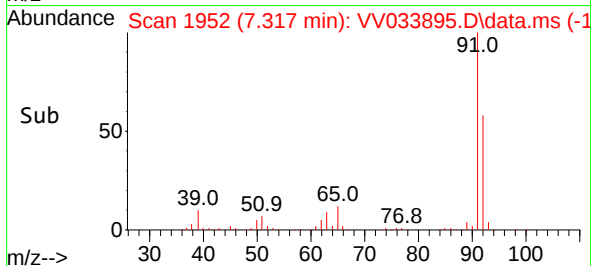
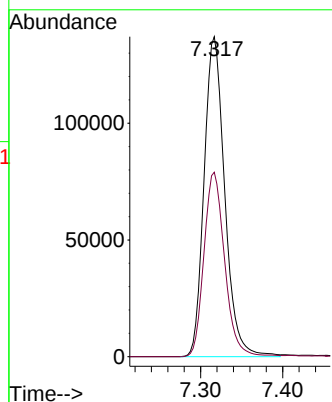
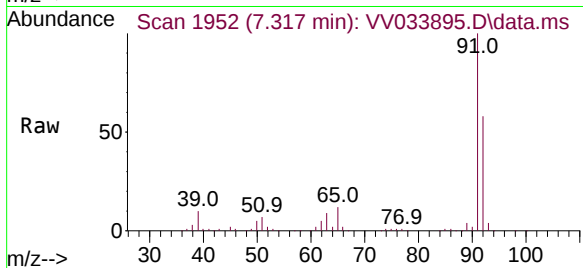
ClientSampleId :

Tgt Ion: 91 Resp: 240011

Ion Ratio Lower Upper

91 100

92 57.6 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 48.337 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033895.D

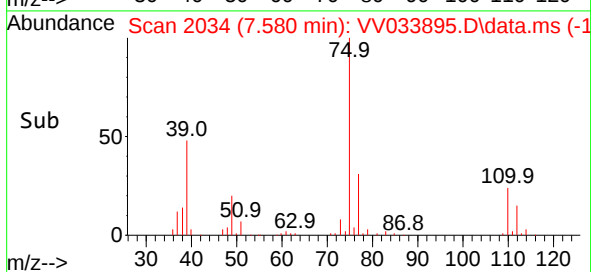
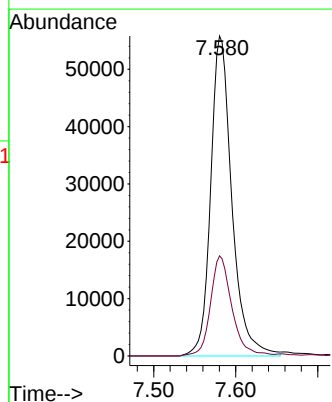
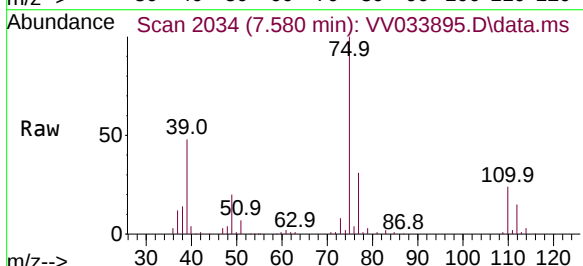
Acq: 26 Jan 2024 18:45

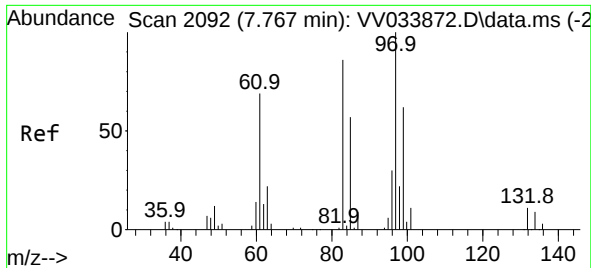
Tgt Ion: 75 Resp: 100206

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.0

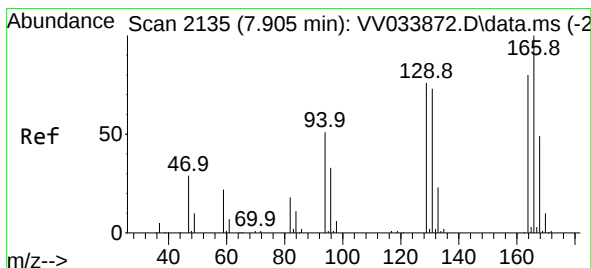
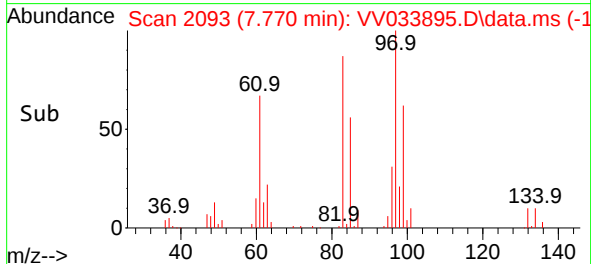
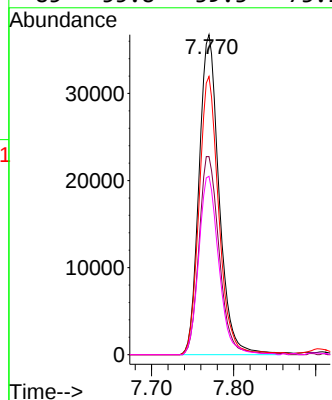
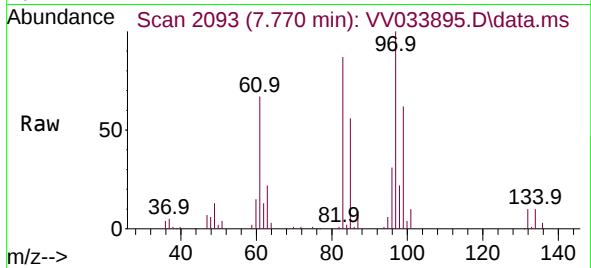




#45
1,1,2-Trichloroethane
Concen: 51.031 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

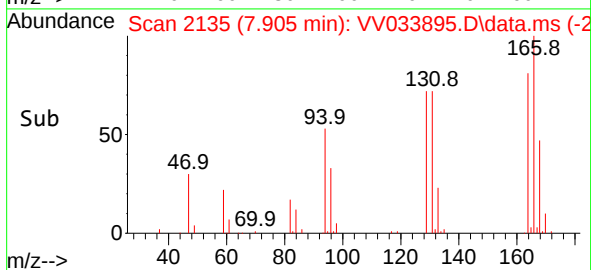
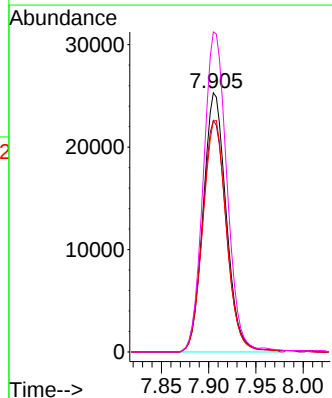
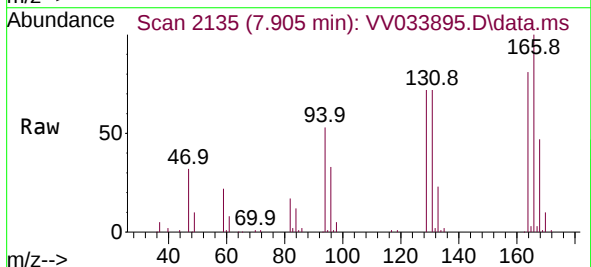
Instrument :
MSVOA_V
ClientSampleId :

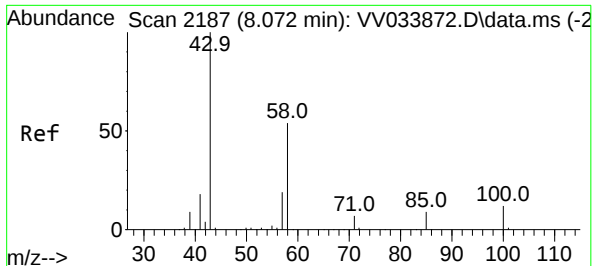
Tgt Ion: 97 Resp: 62375
Ion Ratio Lower Upper
97 100
99 61.9 42.8 79.6
83 87.0 61.2 113.8
85 55.8 39.3 73.1



#46
Tetrachloroethene
Concen: 44.616 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

Tgt Ion:164 Resp: 42974
Ion Ratio Lower Upper
164 100
129 89.3 66.1 122.7
131 89.1 65.9 122.5
166 123.5 88.5 164.3

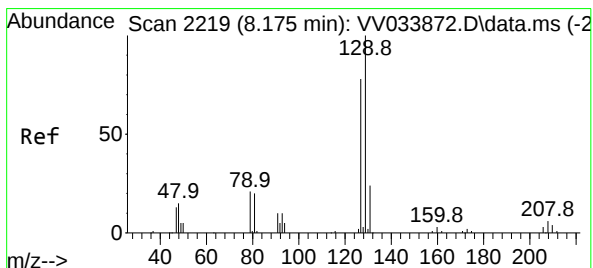
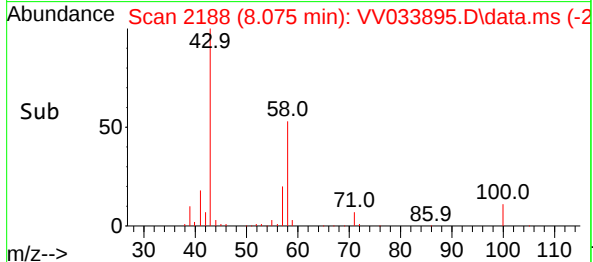
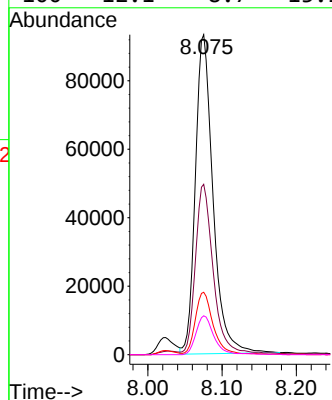
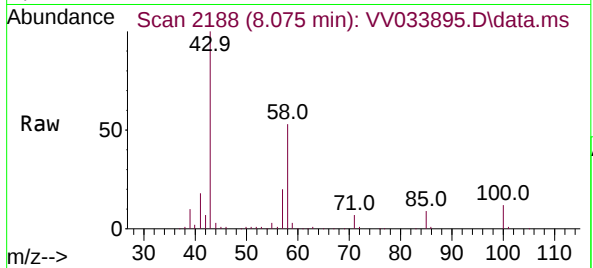




#48
2-Hexanone
Concen: 97.290 ug/L
RT: 8.075 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

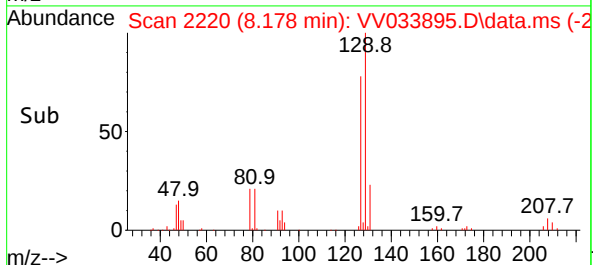
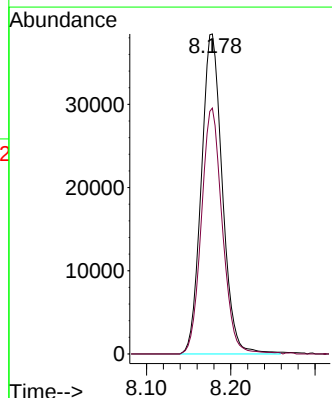
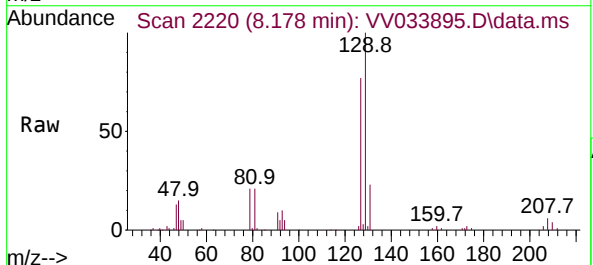
Instrument :
MSVOA_V
ClientSampleId :

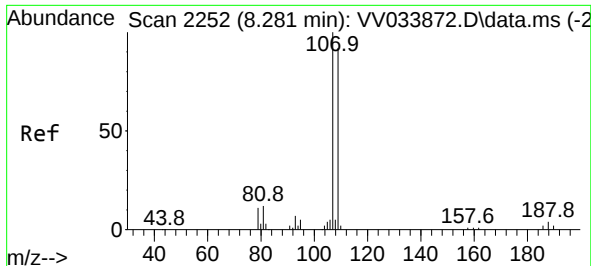
Tgt Ion: 43 Resp: 154742
Ion Ratio Lower Upper
43 100
58 52.1 42.3 63.5
57 18.9 14.2 21.2
100 12.1 8.7 13.1



#49
Dibromochloromethane
Concen: 52.567 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

Tgt Ion: 129 Resp: 66920
Ion Ratio Lower Upper
129 100
127 76.9 54.5 101.3

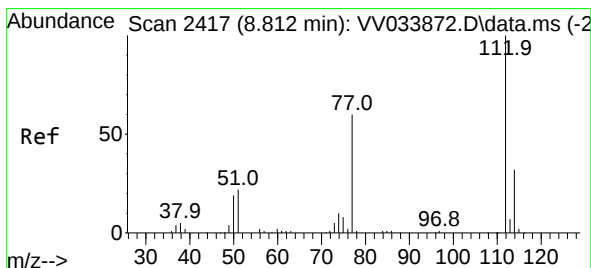
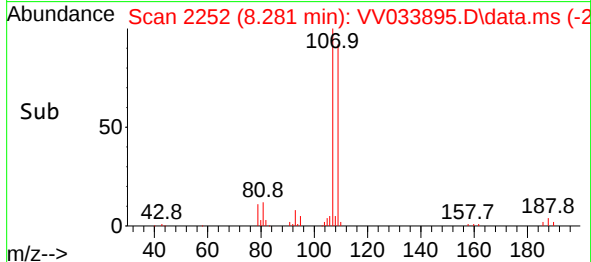
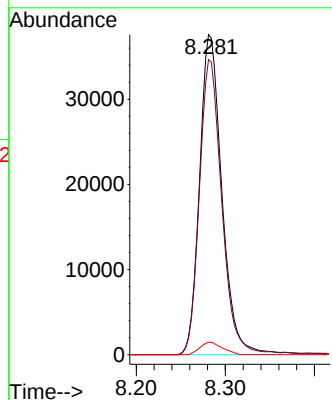
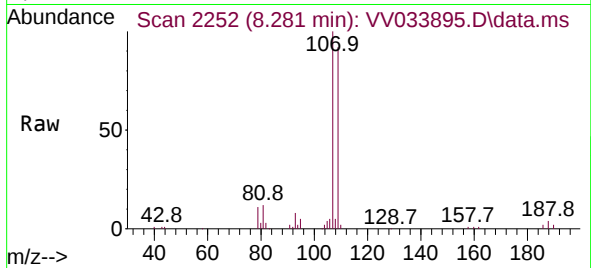




#50
1,2-Dibromoethane
Concen: 50.534 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

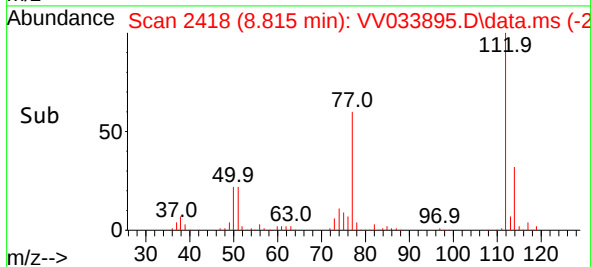
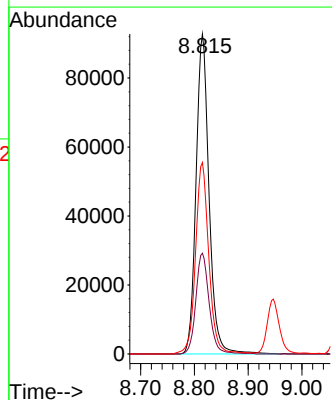
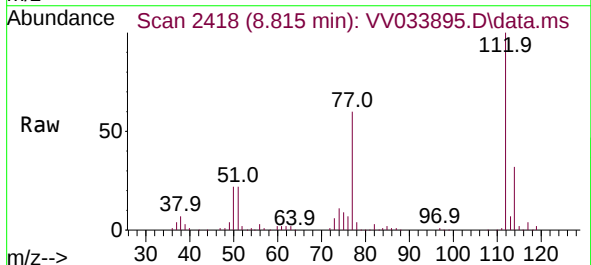
Instrument :
MSVOA_V
ClientSampleId :

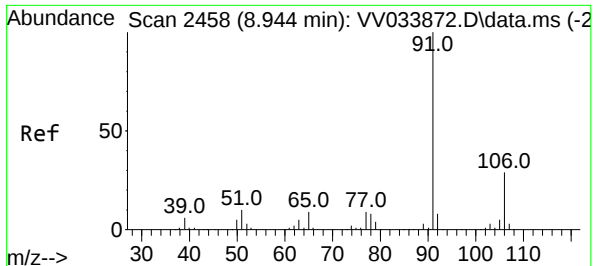
Tgt Ion:107 Resp: 65275
Ion Ratio Lower Upper
107 100
109 92.2 66.4 123.4
188 3.9 2.7 4.1



#51
Chlorobenzene
Concen: 47.271 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

Tgt Ion:112 Resp: 155824
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.7
77 59.9 49.4 74.0





#52

Ethylbenzene

Concen: 44.597 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

Instrument :

MSVOA_V

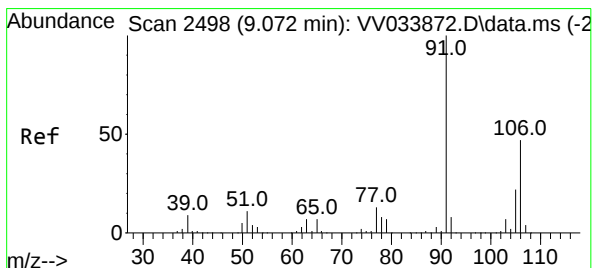
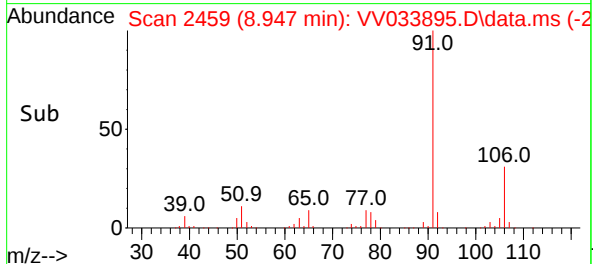
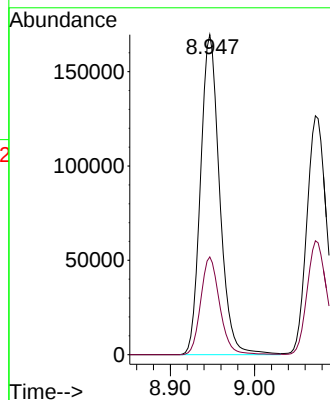
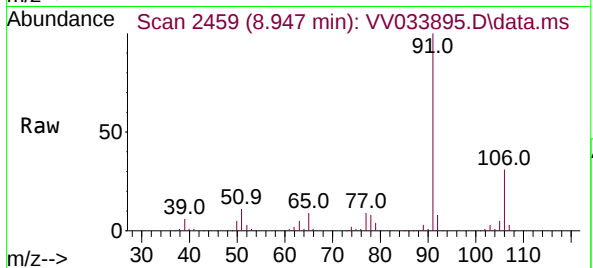
ClientSampleId :

Tgt Ion: 91 Resp: 267307

Ion Ratio Lower Upper

91 100

106 30.5 21.5 39.9



#53

m,p-Xylene

Concen: 44.850 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV033895.D

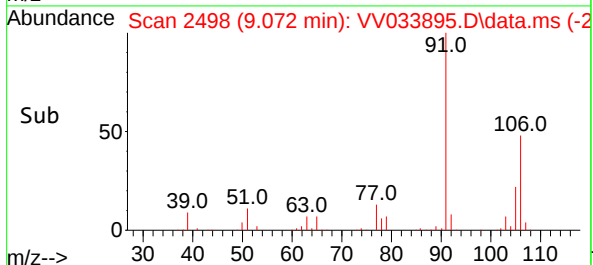
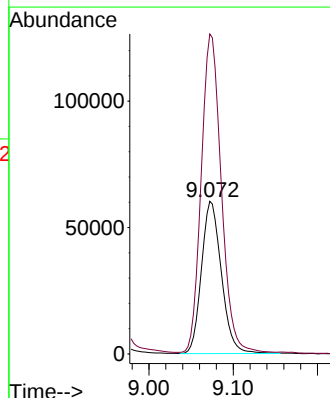
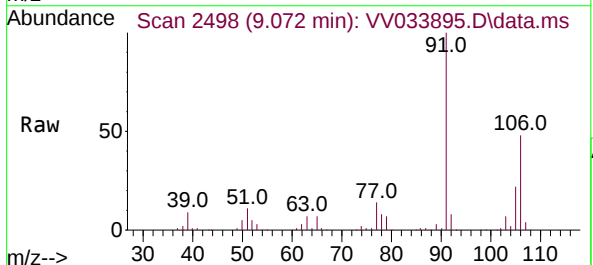
Acq: 26 Jan 2024 18:45

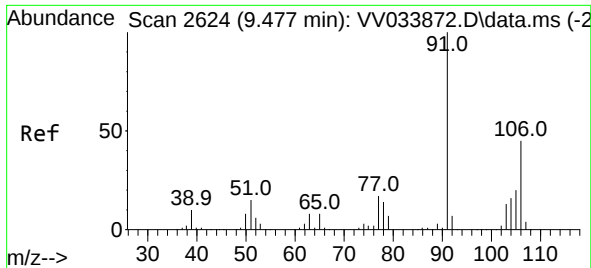
Tgt Ion:106 Resp: 99246

Ion Ratio Lower Upper

106 100

91 209.7 146.1 271.3

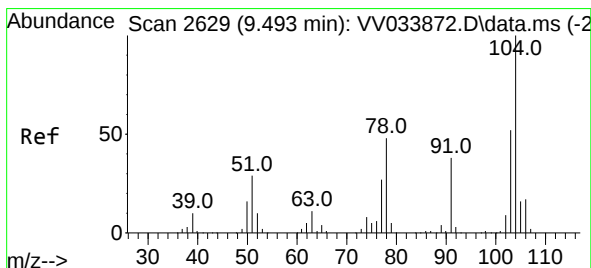
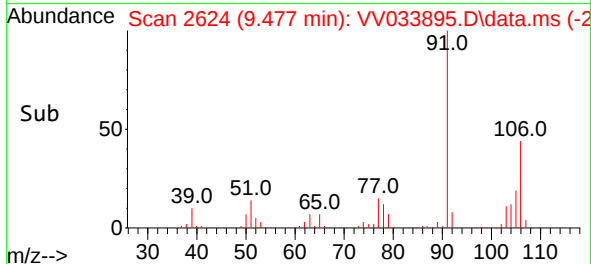
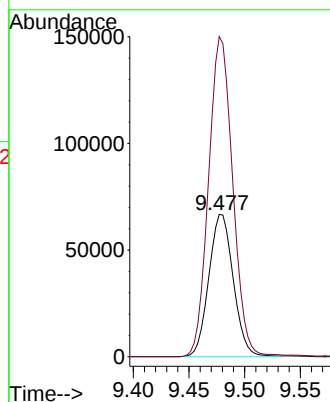
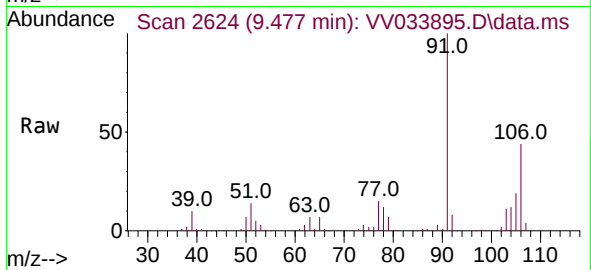




#54
o-Xylene
Concen: 46.519 ug/L
RT: 9.477 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

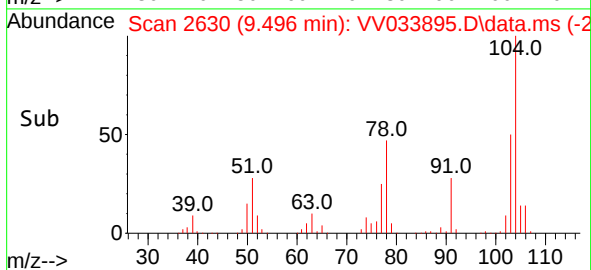
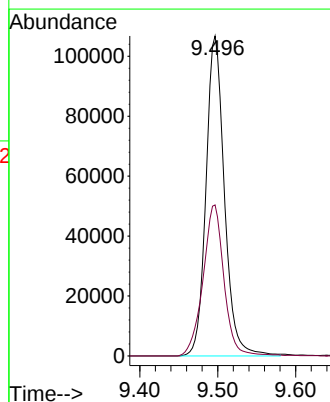
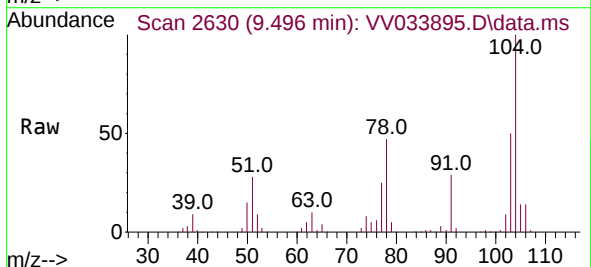
Instrument :
MSVOA_V
ClientSampleId :

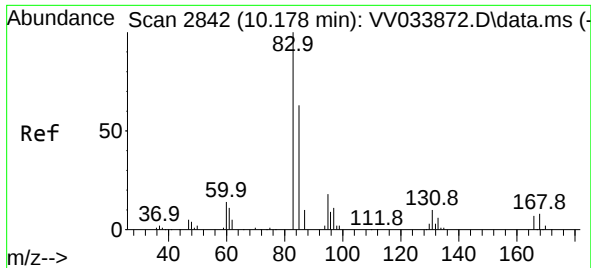
Tgt Ion:106 Resp: 101910
Ion Ratio Lower Upper
106 100
91 225.0 155.2 288.2



#55
Styrene
Concen: 46.467 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

Tgt Ion:104 Resp: 175750
Ion Ratio Lower Upper
104 100
78 47.2 33.0 61.4

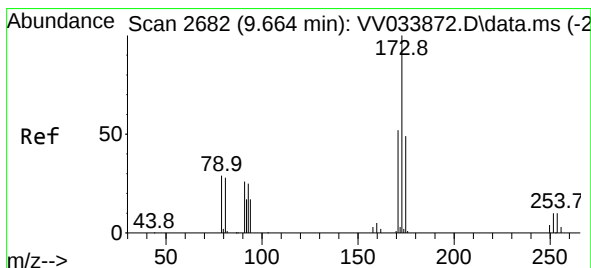
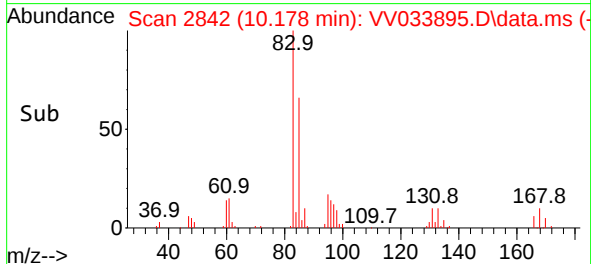
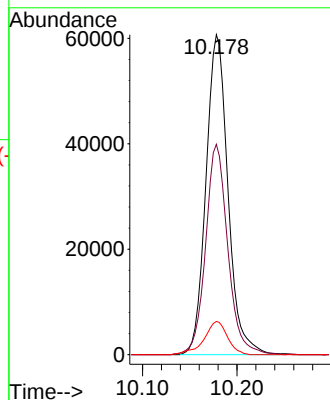
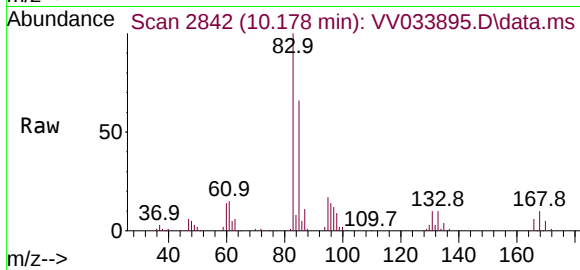




#57
1,1,2,2-Tetrachloroethane
Concen: 50.525 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

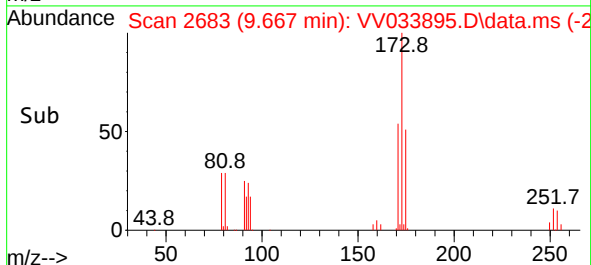
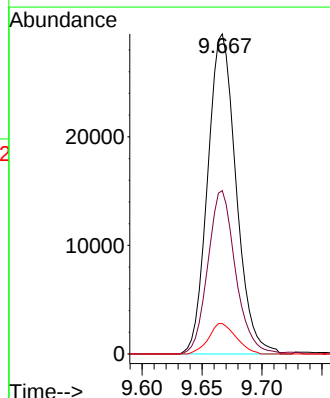
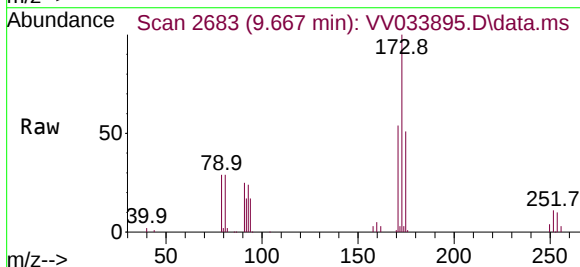
Instrument :
MSVOA_V
ClientSampleId :

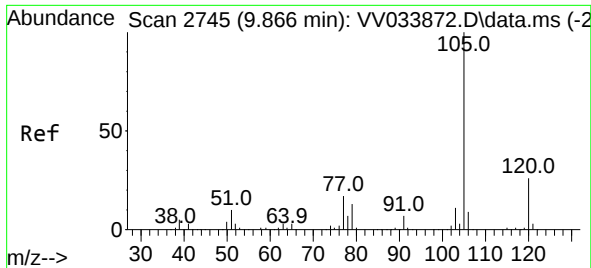
Tgt Ion: 83 Resp: 98283
Ion Ratio Lower Upper
83 100
85 65.7 44.9 83.5
131 10.4 7.5 11.3



#59
Bromoform
Concen: 53.027 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.003 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

Tgt Ion: 173 Resp: 48565
Ion Ratio Lower Upper
173 100
175 49.8 37.2 55.8
254 9.2 7.4 11.0

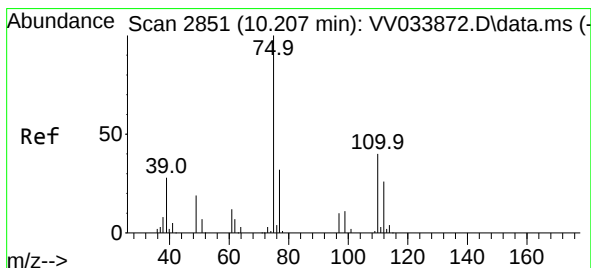
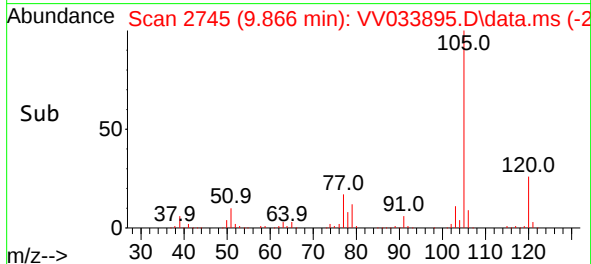
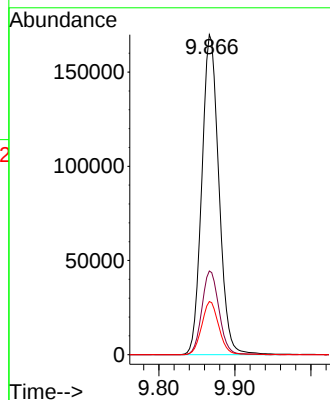
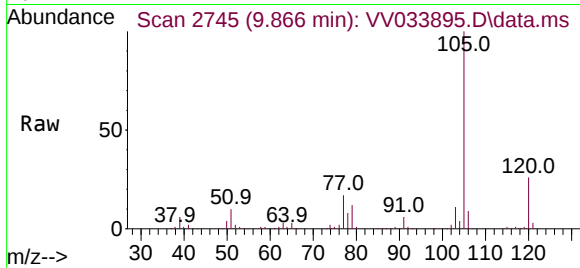




#60
Isopropylbenzene
Concen: 45.431 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

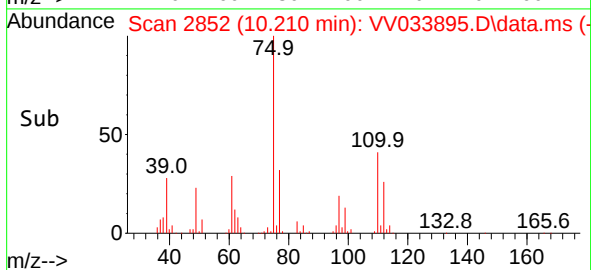
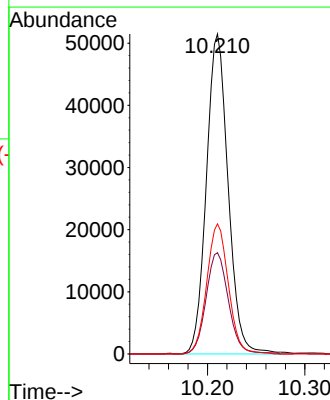
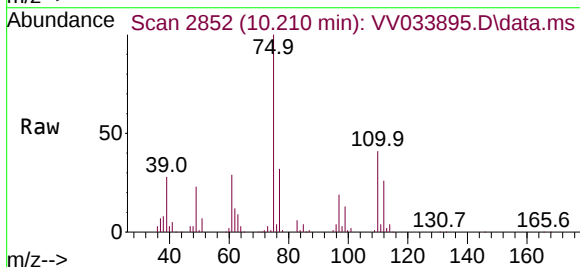
Instrument :
MSVOA_V
ClientSampleId :

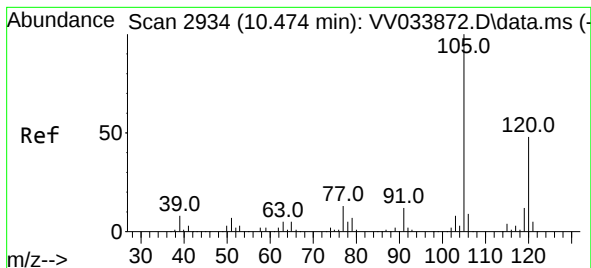
Tgt Ion:105 Resp: 264874
Ion Ratio Lower Upper
105 100
120 26.3 20.6 31.0
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 52.130 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

Tgt Ion: 75 Resp: 79722
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
110 40.4 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 45.759 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

Instrument :

MSVOA_V

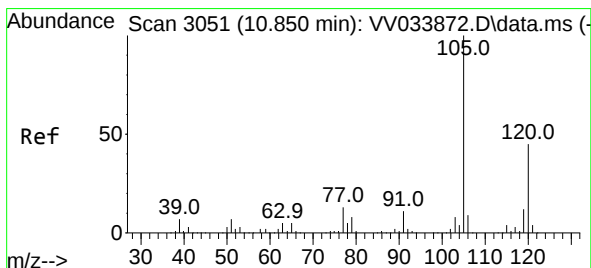
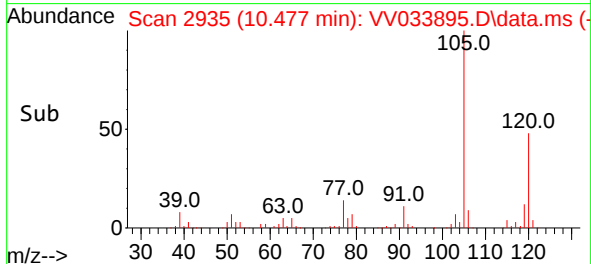
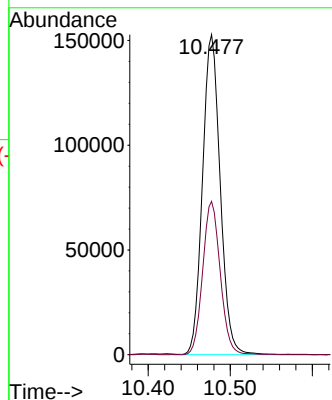
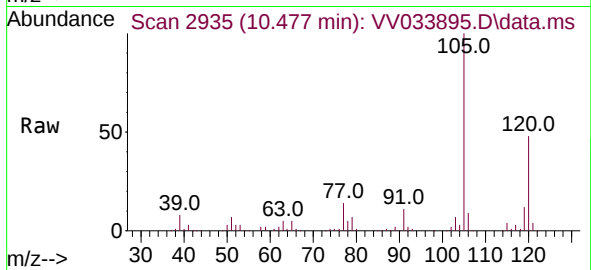
ClientSampleId :

Tgt Ion:105 Resp: 228904

Ion Ratio Lower Upper

105 100

120 47.5 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 46.226 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV033895.D

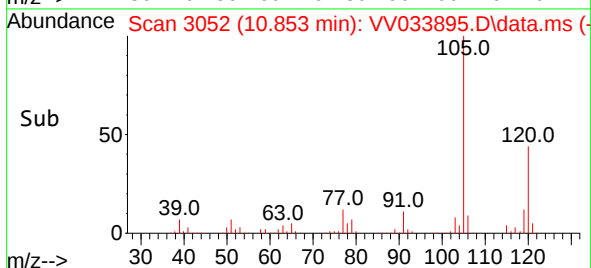
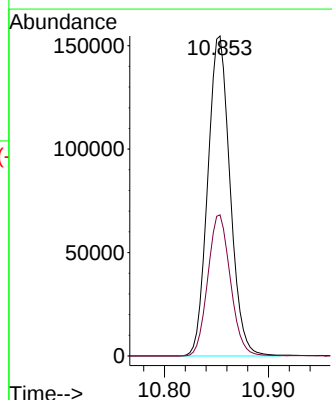
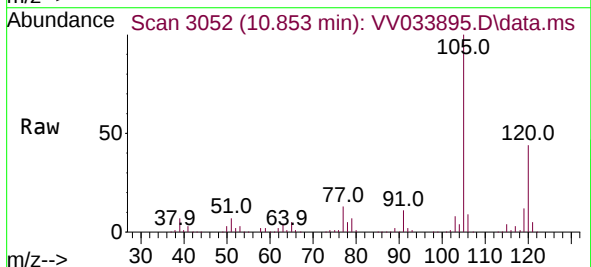
Acq: 26 Jan 2024 18:45

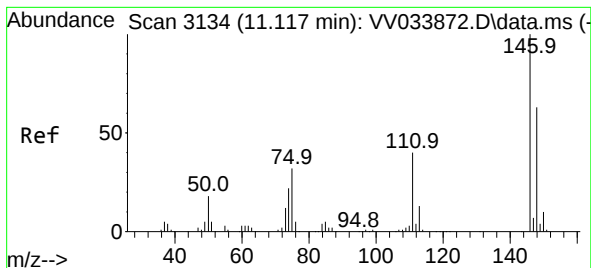
Tgt Ion:105 Resp: 230404

Ion Ratio Lower Upper

105 100

120 44.7 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 47.386 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

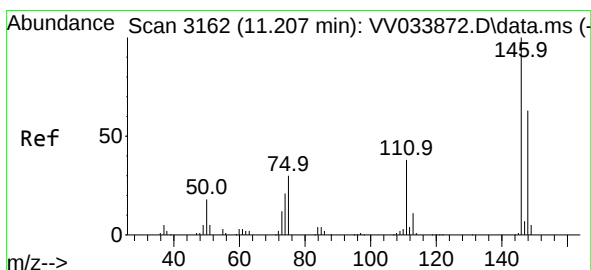
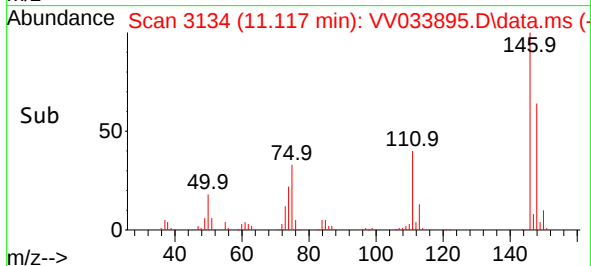
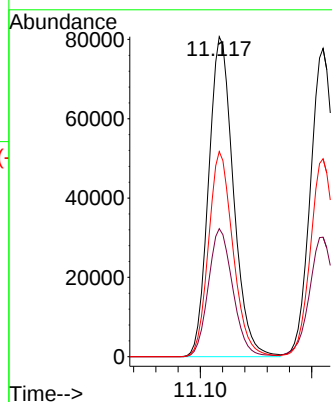
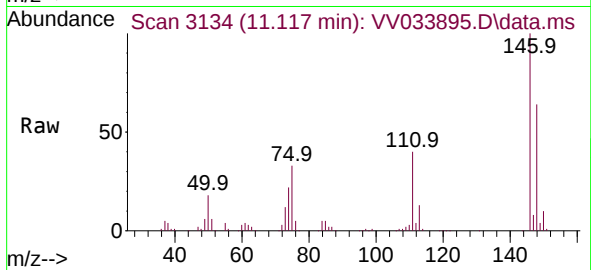
Tgt Ion:146 Resp: 124791

Ion Ratio Lower Upper

146 100

111 40.0 29.0 53.8

148 64.1 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 46.674 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

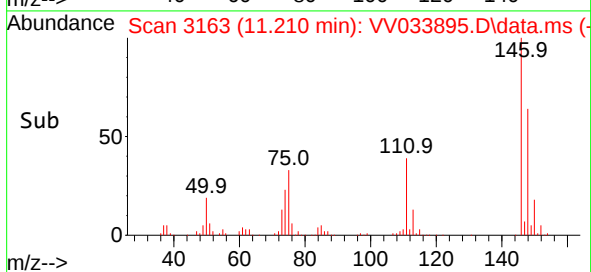
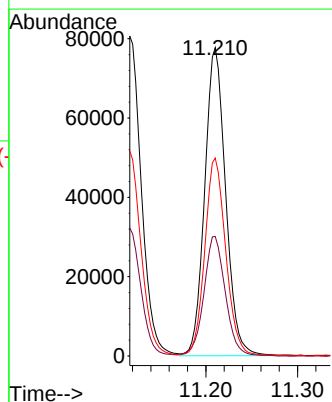
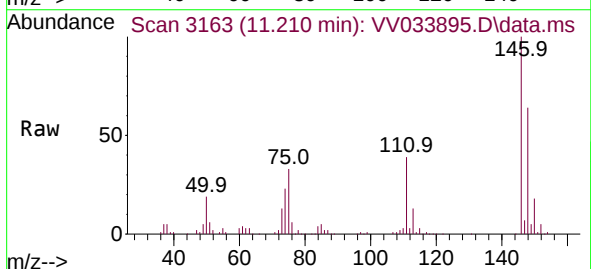
Tgt Ion:146 Resp: 123248

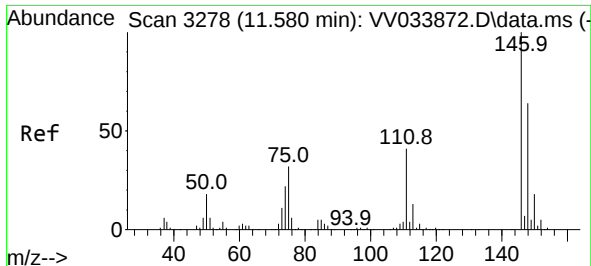
Ion Ratio Lower Upper

146 100

111 38.8 27.7 51.5

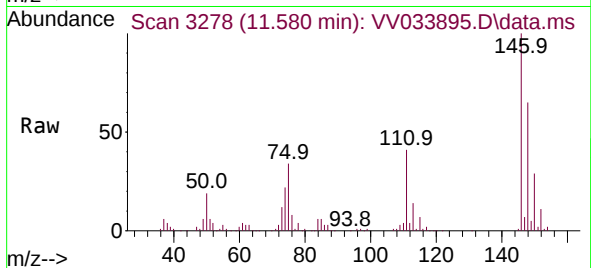
148 64.2 44.1 81.9



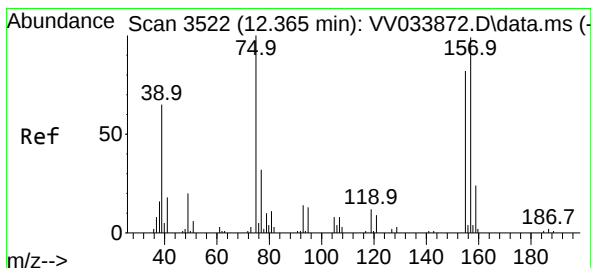
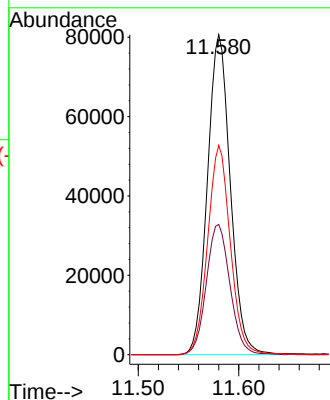
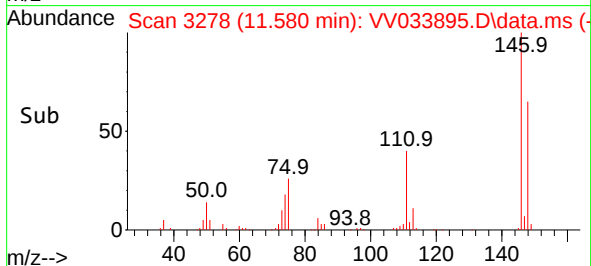


#67
1,2-Dichlorobenzene
Concen: 49.535 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

Instrument :
MSVOA_V
ClientSampleId :

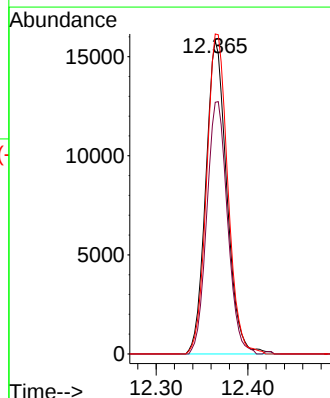
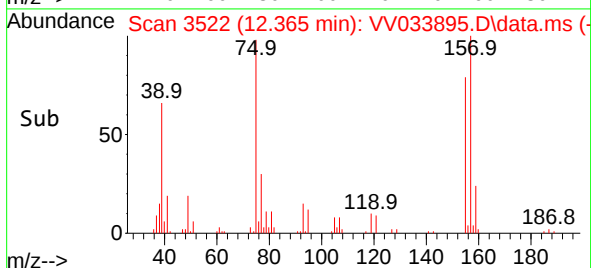
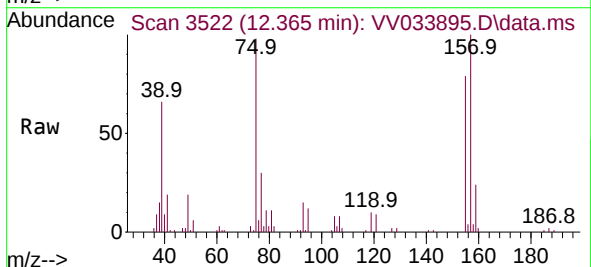


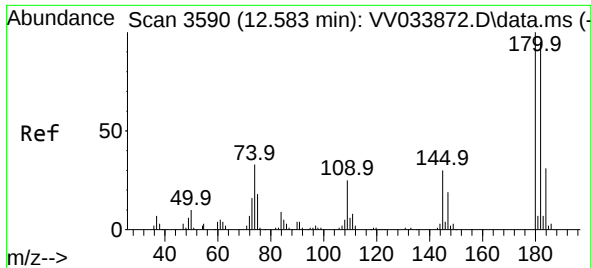
Tgt Ion:146 Resp: 127464
Ion Ratio Lower Upper
146 100
111 40.7 35.4 53.0
148 65.4 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 56.991 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. -0.000 min
Lab File: VV033895.D
Acq: 26 Jan 2024 18:45

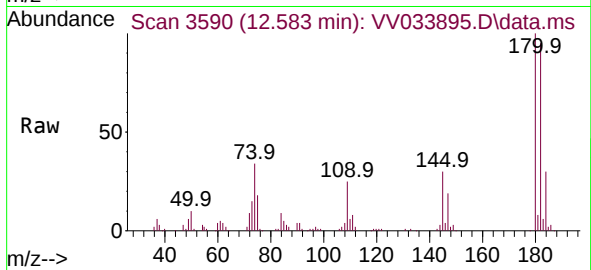
Tgt Ion: 75 Resp: 25151
Ion Ratio Lower Upper
75 100
155 80.3 61.6 92.4
157 102.2 79.2 118.8





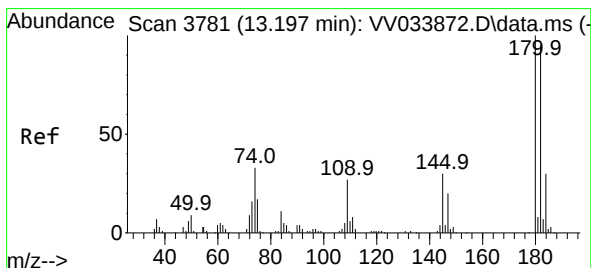
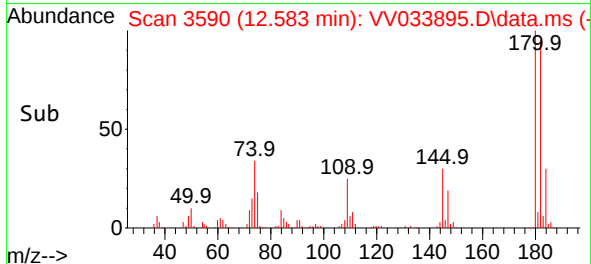
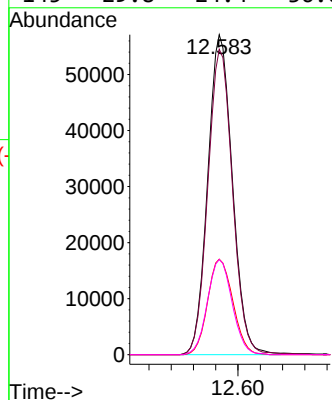
#69
 1,3,5-Trichlorobenzene
 Concen: 45.110 ug/L
 RT: 12.583 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033895.D
 Acq: 26 Jan 2024 18:45

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 87787

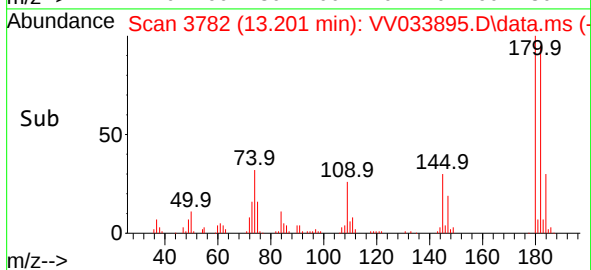
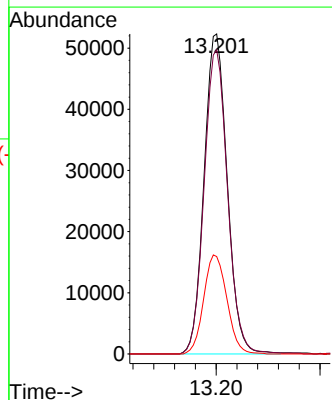
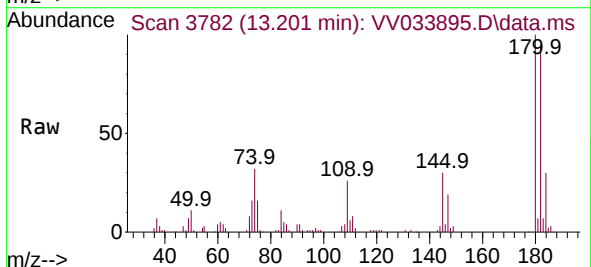
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.2	114.2
184	30.5	23.9	35.9
145	29.8	24.4	36.6

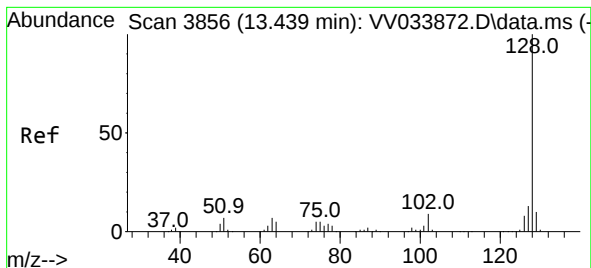


#70
 1,2,4-trichlorobenzene
 Concen: 45.768 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.003 min
 Lab File: VV033895.D
 Acq: 26 Jan 2024 18:45

Tgt Ion:180 Resp: 80841

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.3	114.5
145	31.0	25.4	38.0





#71

Naphthalene

Concen: 51.460 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

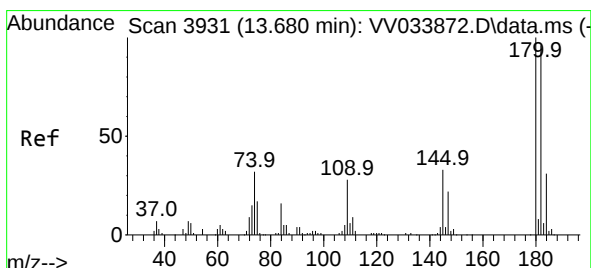
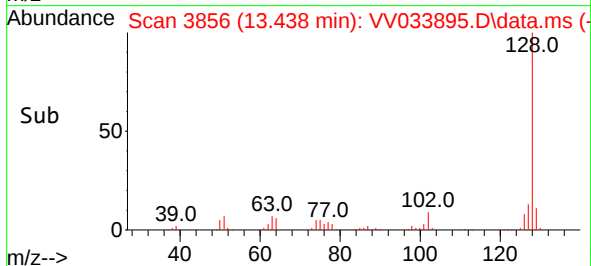
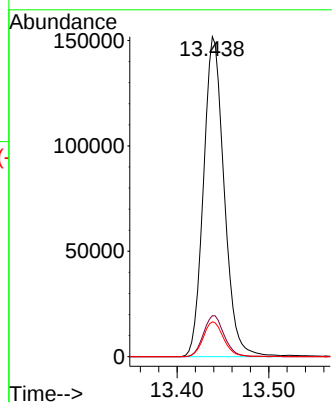
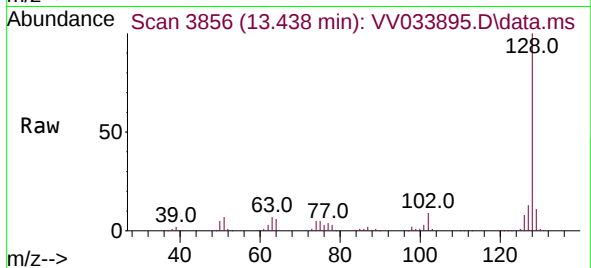
Tgt Ion:128 Resp: 237517

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 50.273 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033895.D

Acq: 26 Jan 2024 18:45

Tgt Ion:180 Resp: 82882

Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

145 31.7 26.3 39.5

