

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032724\
 Data File : VW034875.D
 Acq On : 27 Mar 2024 19:16
 Operator : SY/MD
 Sample : P1856-03MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 01:58:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 01:53:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	340922	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	340208	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	179961	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	83558	25.379	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.760%#
7) Chloroethane-d5	1.526	69	63510	22.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.420%#
11) 1,1-Dichloroethene-d2	2.053	65	40479	28.047	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.100%#
21) 2-Butanone-d5	3.793	46	194703	99.710	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.710%
24) Chloroform-d	4.246	84	234381	42.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.680%
26) 1,2-Dichloroethane-d4	4.941	65	149351	42.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.980%
32) Benzene-d6	4.957	84	419420	36.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	5.986	67	145048	39.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.940%
41) Toluene-d8	7.243	98	362657	35.238	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.480%#
43) trans-1,3-Dichloroprop...	7.551	79	71028	40.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.520%
47) 2-Hexanone-d5	8.027	63	143926	104.901	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.900%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	242465	48.520	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.040%
66) 1,2-Dichlorobenzene-d4	11.561	152	158624	39.258	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.520%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	84869	34.347	ug/L	99
3) Chloromethane	1.214	50	136170	42.867	ug/L	100
5) Vinyl chloride	1.282	62	135626	40.727	ug/L	97
6) Bromomethane	1.484	94	109118	43.713	ug/L	99
8) Chloroethane	1.542	64	68118	29.950	ug/L	98
9) Trichlorofluoromethane	1.703	101	178703	40.886	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	100068	37.405	ug/L	98
12) 1,1-Dichloroethene	2.063	96	111338	43.515	ug/L	86
13) Acetone	2.121	43	153368	85.550	ug/L	100
14) Carbon disulfide	2.236	76	274679	38.122	ug/L	100
15) Methyl Acetate	2.375	43	140950	49.893	ug/L	95
16) Methylene chloride	2.442	84	145582	52.512	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	116960	47.281	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	461813	53.150	ug/L	99
19) 1,1-Dichloroethane	3.108	63	256480	50.560	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	144753	51.531	ug/L	97
22) 2-Butanone	3.873	43	190678	91.661	ug/L	98
23) Bromochloromethane	4.146	128	74363	52.912	ug/L	92
25) Chloroform	4.272	83	262463	52.331	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
 Data File : VV034875.D
 Acq On : 27 Mar 2024 19:16
 Operator : SY/MD
 Sample : P1856-03MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

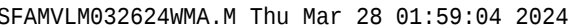
Instrument :
 MSVOA_V
 ClientSampleId :

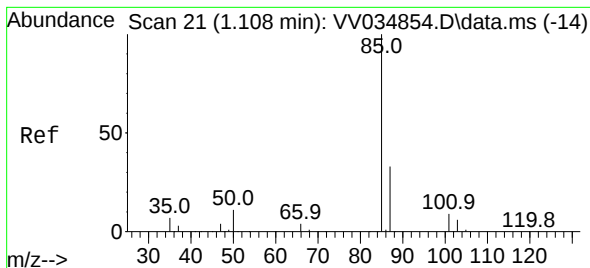
Quant Time: Mar 28 01:58:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 01:53:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	212828	53.298	ug/L	100
29) Cyclohexane	4.577	56	142573	33.460	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	200390	45.188	ug/L	99
31) Carbon tetrachloride	4.732	117	162073	43.119	ug/L	99
33) Benzene	5.008	78	540276	48.701	ug/L	100
34) Trichloroethene	5.831	95	136095	45.457	ug/L	98
35) Methylcyclohexane	6.047	83	146006	32.291	ug/L	97
37) 1,2-Dichloropropane	6.092	63	153436	50.048	ug/L	100
38) Bromodichloromethane	6.432	83	203636	51.480	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	245499	50.833	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	404211	103.266	ug/L	99
42) Toluene	7.313	91	571848	49.236	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	230738	52.003	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	153546	53.137	ug/L	97
46) Tetrachloroethene	7.902	164	91667	43.825	ug/L	97
48) 2-Hexanone	8.079	43	315944	94.903	ug/L	97
49) Dibromochloromethane	8.175	129	154195	53.877	ug/L	99
50) 1,2-Dibromoethane	8.281	107	162341	52.183	ug/L	99
51) Chlorobenzene	8.812	112	376155	49.971	ug/L	100
52) Ethylbenzene	8.944	91	624572	48.522	ug/L	100
53) m,p-Xylene	9.072	106	231171	48.767	ug/L	99
54) o-Xylene	9.477	106	237056	50.542	ug/L	99
55) Styrene	9.493	104	419245	52.895	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	255908	54.660	ug/L	99
59) Bromoform	9.664	173	116884	56.676	ug/L	99
60) Isopropylbenzene	9.866	105	590076	45.482	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	198519	50.907	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	396572	47.067	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	507250	48.693	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	296695	48.937	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	303714	49.260	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	305269	50.544	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	53434	49.736	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	204947	46.904	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	185961	46.331	ug/L	100
71) Naphthalene	13.439	128	566499	50.872	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	188598	47.669	ug/L	99

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

Quant Time: Mar 28 01:58:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 01:53:40 2024
Response via : Initial Calibration

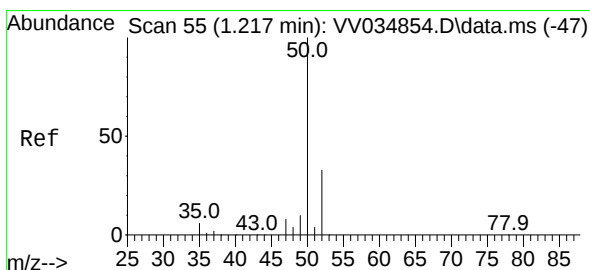
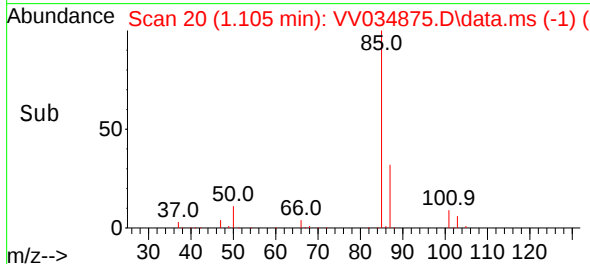
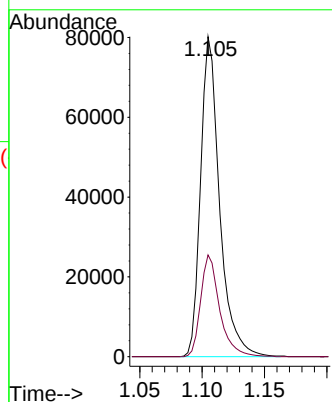
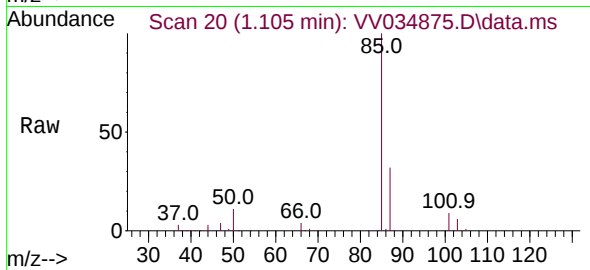




#2
 Dichlorodifluoromethane
 Concen: 34.347 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV034875.D
 Acq: 27 Mar 2024 19:16

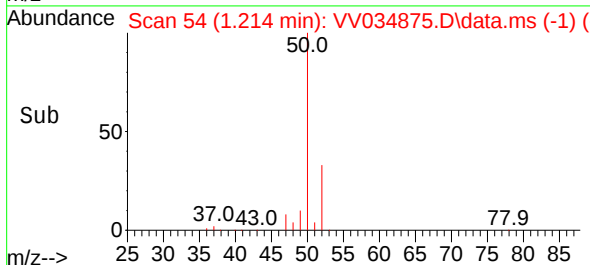
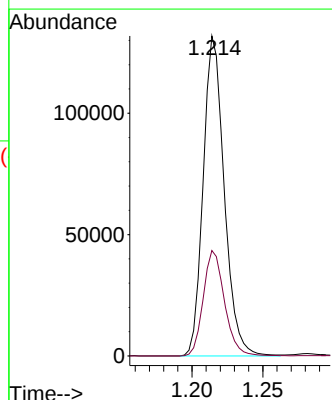
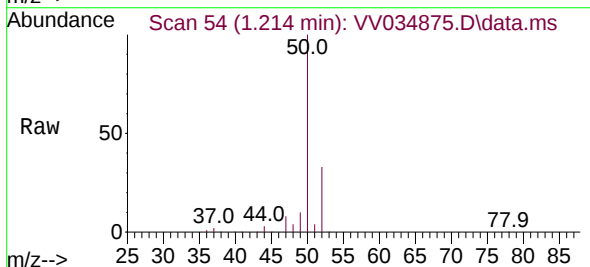
Instrument :
 MSVOA_V
 ClientSampleId :

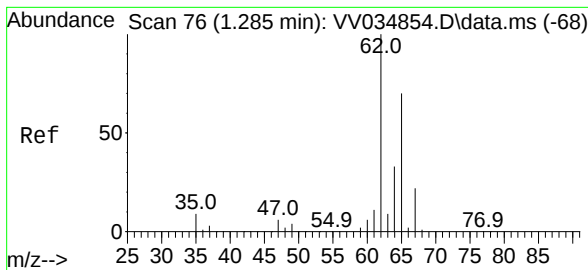
Tgt Ion: 85 Resp: 84869
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.7 38.5



#3
 Chloromethane
 Concen: 42.867 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV034875.D
 Acq: 27 Mar 2024 19:16

Tgt Ion: 50 Resp: 136170
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.8

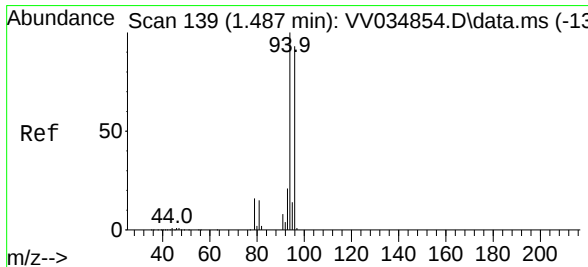
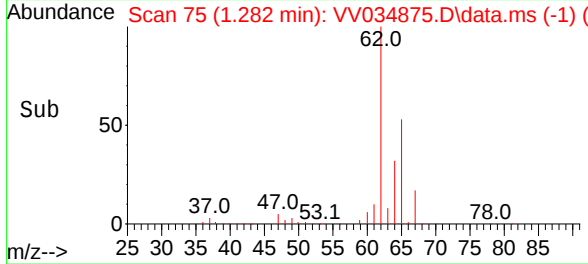
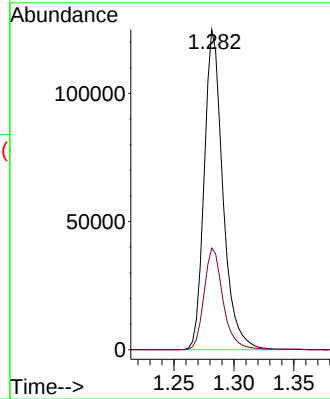
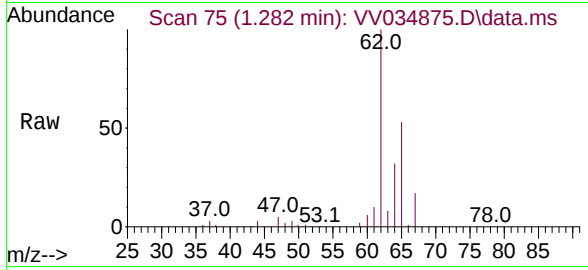




#5
 Vinyl chloride
 Concen: 40.727 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV034875.D
 Acq: 27 Mar 2024 19:16

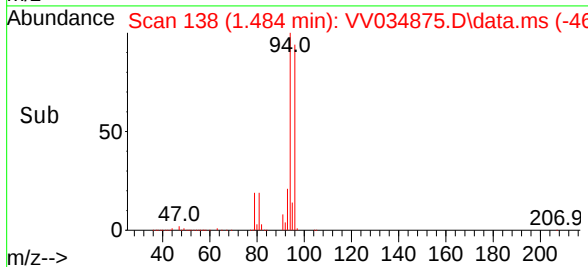
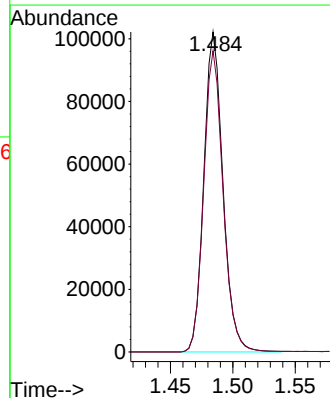
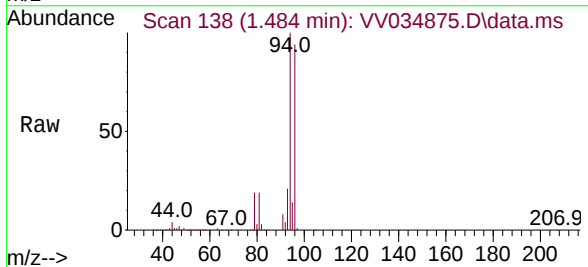
Instrument :
 MSVOA_V
 ClientSampleId :

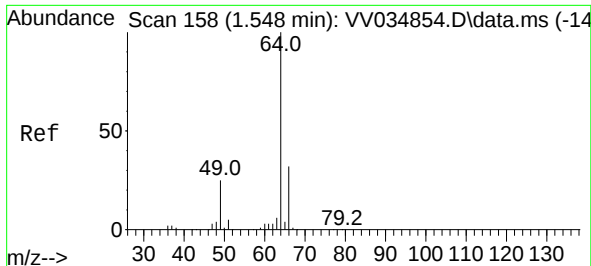
Tgt Ion: 62 Resp: 135626
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.6 43.8



#6
 Bromomethane
 Concen: 43.713 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV034875.D
 Acq: 27 Mar 2024 19:16

Tgt Ion: 94 Resp: 109118
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.3 123.1

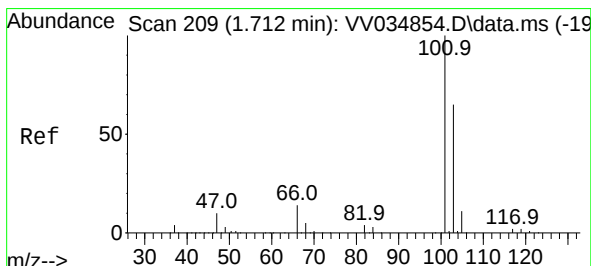
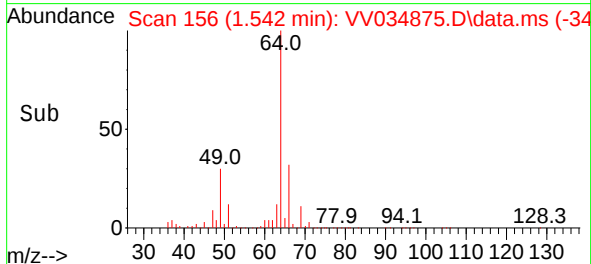
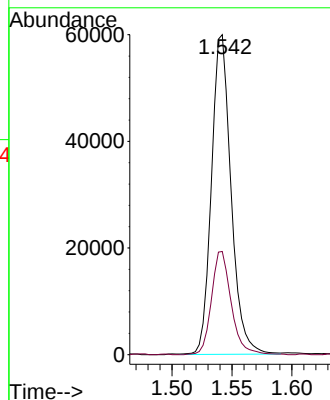
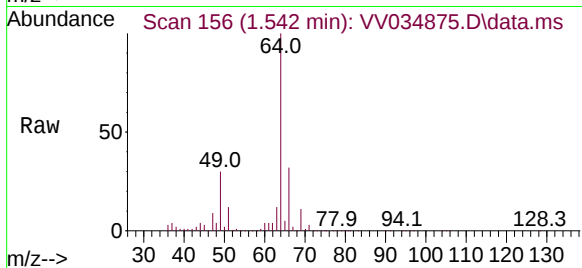




#8
Chloroethane
Concen: 29.950 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

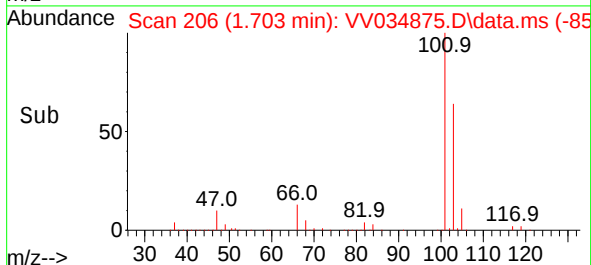
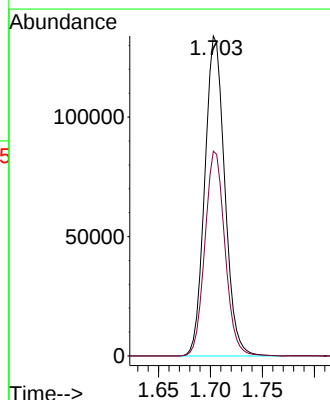
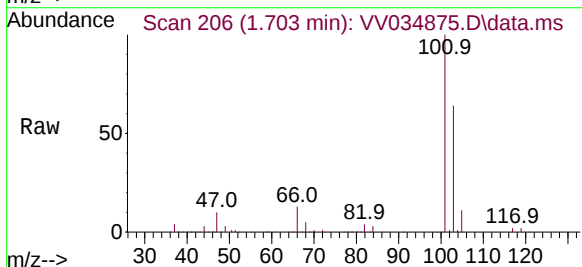
Instrument :
MSVOA_V
ClientSampleId :

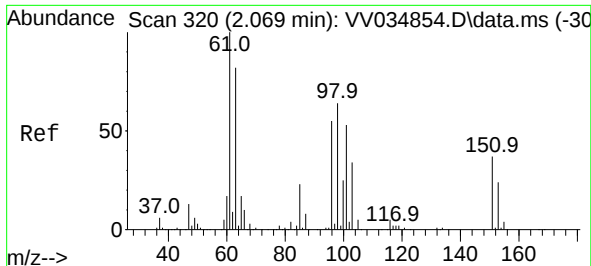
Tgt Ion: 64 Resp: 68118
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 40.886 ug/L
RT: 1.703 min Scan# 206
Delta R.T. -0.010 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

Tgt Ion:101 Resp: 178703
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4

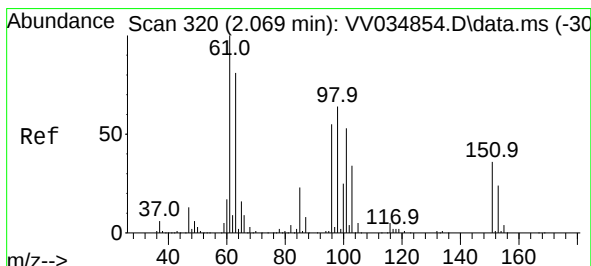
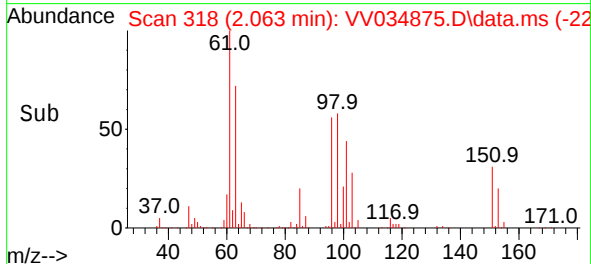
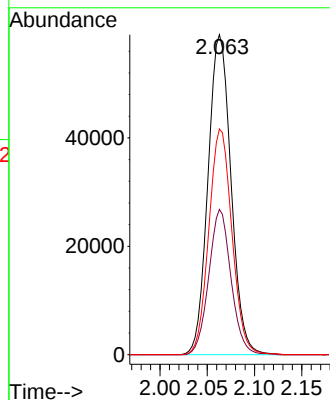
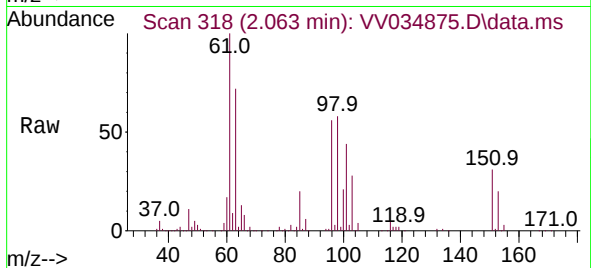




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 37.405 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV034875.D
 Acq: 27 Mar 2024 19:16

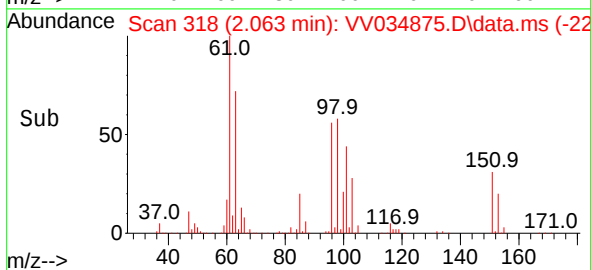
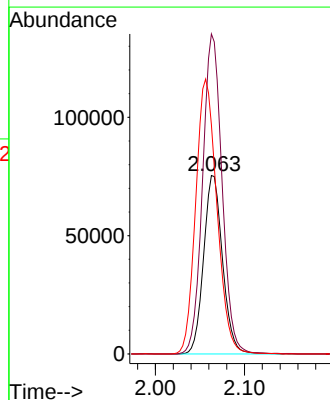
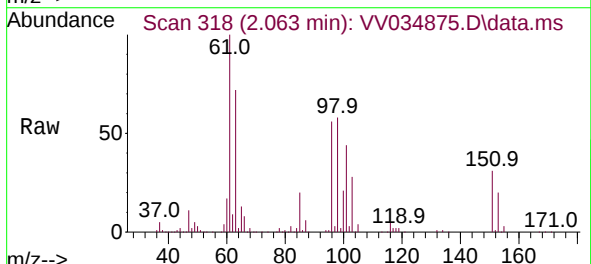
Instrument :
 MSVOA_V
 ClientSampleId :

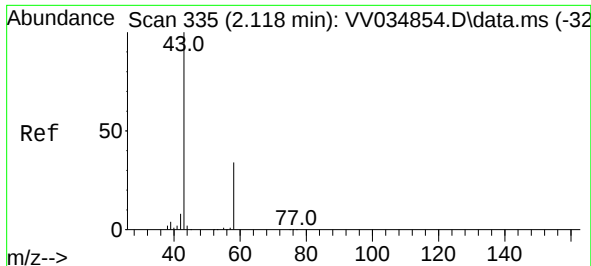
Tgt Ion:101 Resp: 100068
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.3 52.9
 151 70.9 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 43.515 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV034875.D
 Acq: 27 Mar 2024 19:16

Tgt Ion: 96 Resp: 111338
 Ion Ratio Lower Upper
 96 100
 61 179.4 131.5 244.3
 63 128.5 111.4 206.8





#13

Acetone

Concen: 85.550 ug/L

RT: 2.121 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

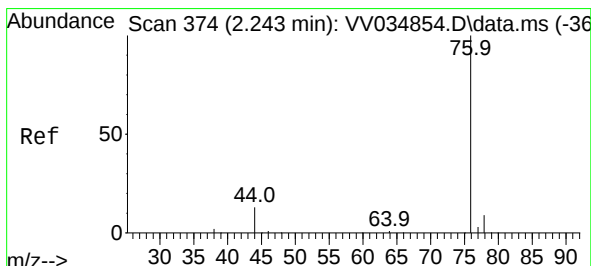
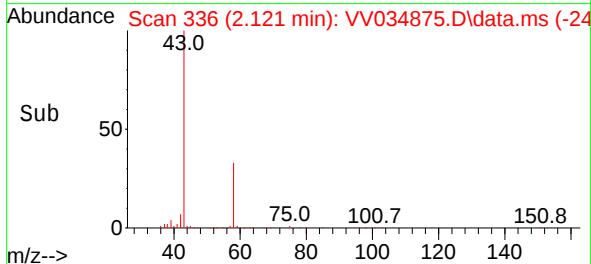
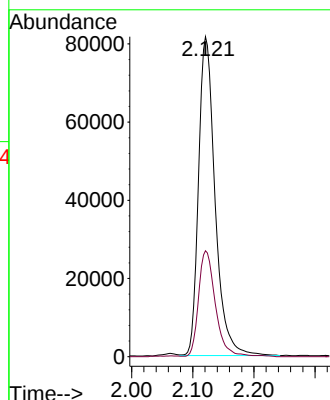
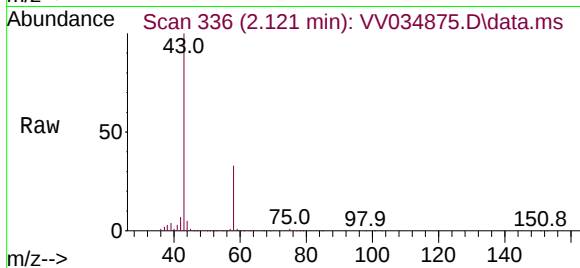
ClientSampleId :

Tgt Ion: 43 Resp: 153368

Ion Ratio Lower Upper

43 100

58 33.3 0.0 66.0



#14

Carbon disulfide

Concen: 38.122 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.006 min

Lab File: VV034875.D

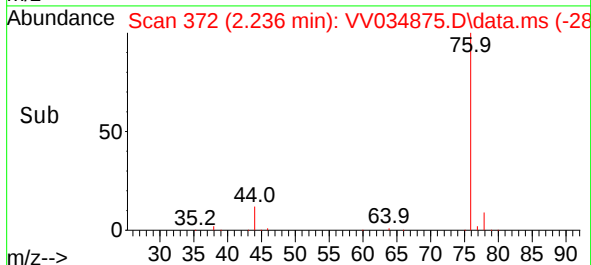
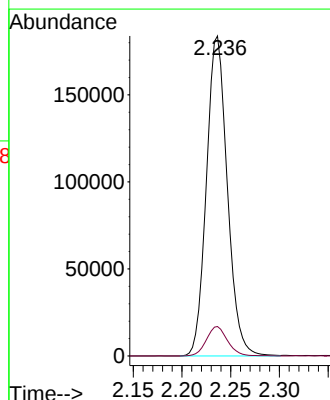
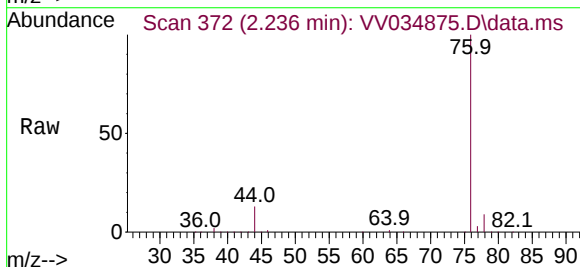
Acq: 27 Mar 2024 19:16

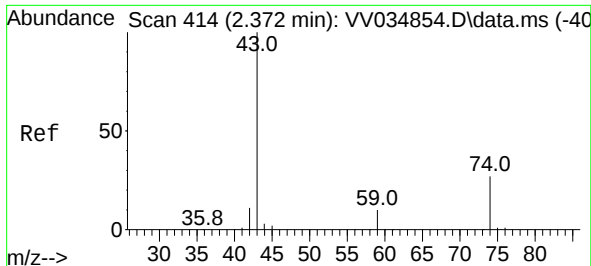
Tgt Ion: 76 Resp: 274679

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 49.893 ug/L

RT: 2.375 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

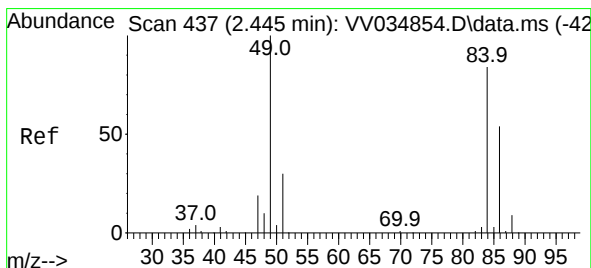
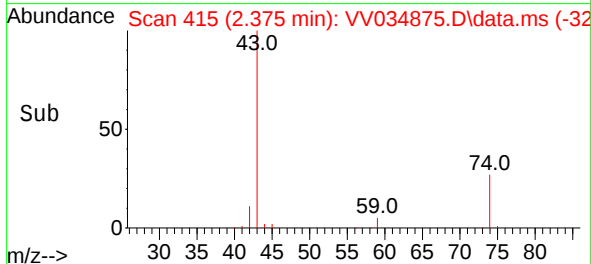
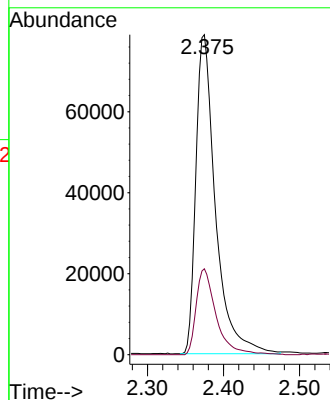
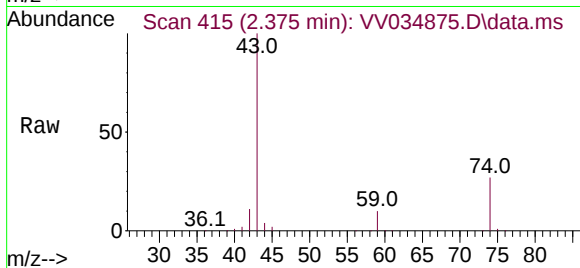
ClientSampleId :

Tgt Ion: 43 Resp: 140950

Ion Ratio Lower Upper

43 100

74 27.1 19.8 29.8



#16

Methylene chloride

Concen: 52.512 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.003 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

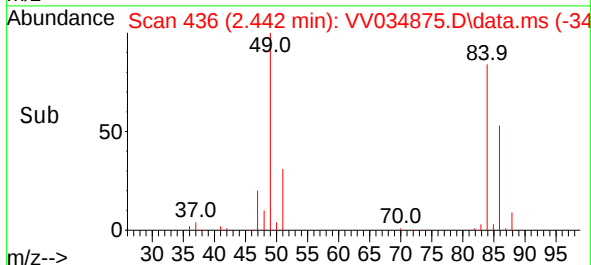
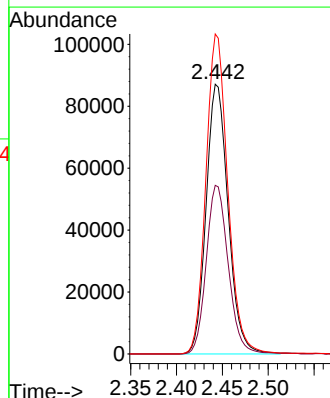
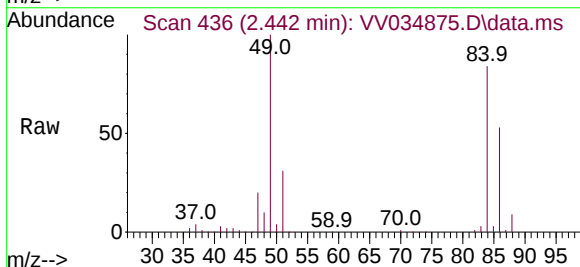
Tgt Ion: 84 Resp: 145582

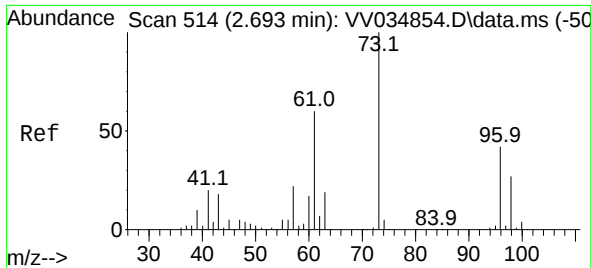
Ion Ratio Lower Upper

84 100

86 62.5 44.6 82.8

49 118.6 86.9 161.3

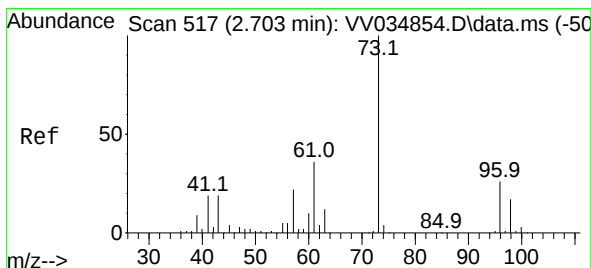
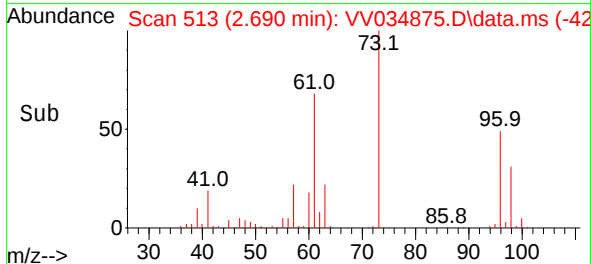
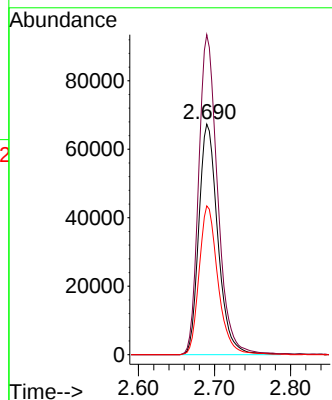
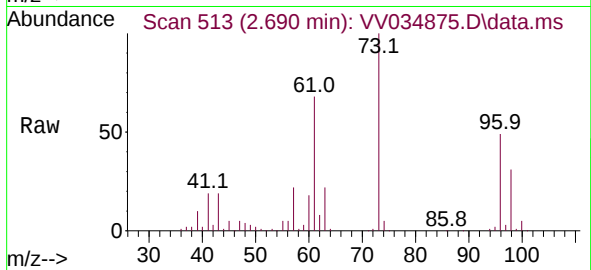




#17
trans-1,2-Dichloroethene
Concen: 47.281 ug/L
RT: 2.690 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

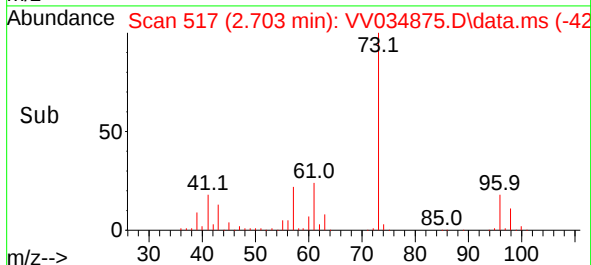
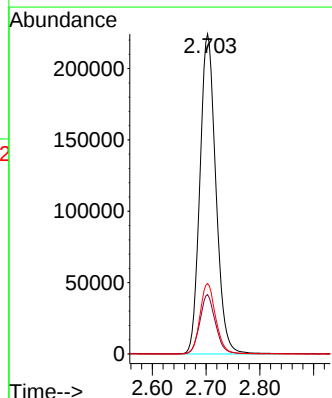
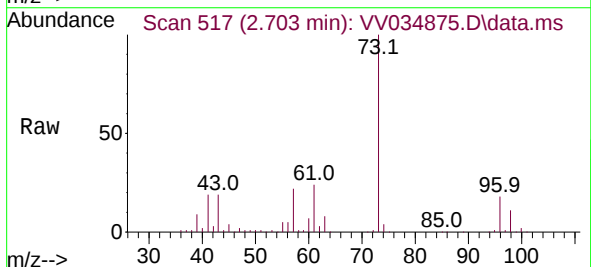
Instrument :
MSVOA_V
ClientSampleId :

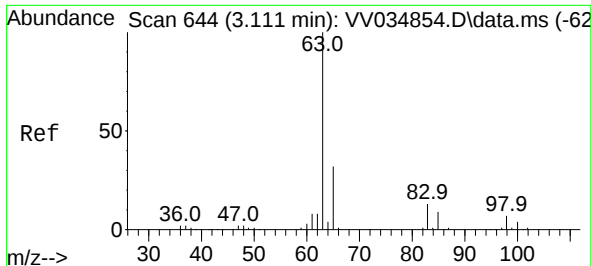
Tgt Ion: 96 Resp: 116960
Ion Ratio Lower Upper
96 100
61 138.8 99.0 183.8
98 64.6 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 53.150 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

Tgt Ion: 73 Resp: 461813
Ion Ratio Lower Upper
73 100
43 18.0 14.6 21.8
57 21.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 50.560 ug/L

RT: 3.108 min Scan# 644

Delta R.T. -0.003 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

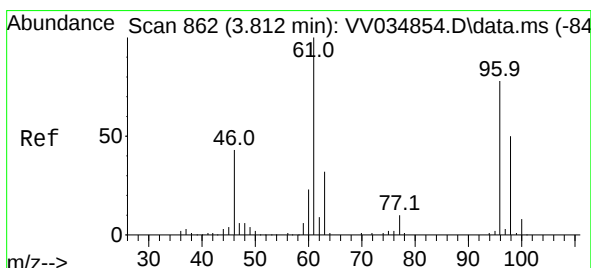
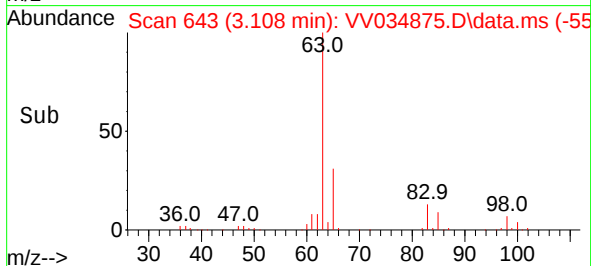
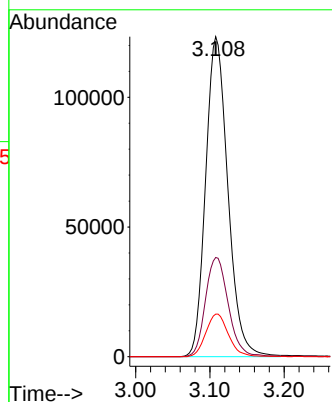
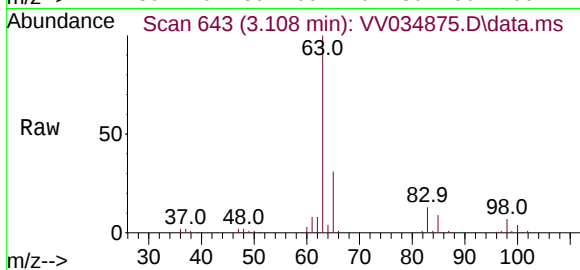
Tgt Ion: 63 Resp: 256480

Ion Ratio Lower Upper

63 100

65 31.0 23.0 42.6

83 13.3 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 51.531 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

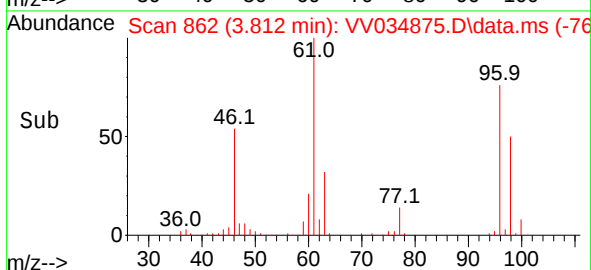
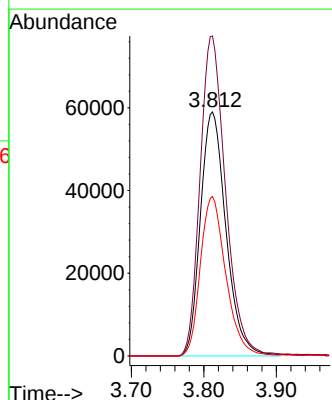
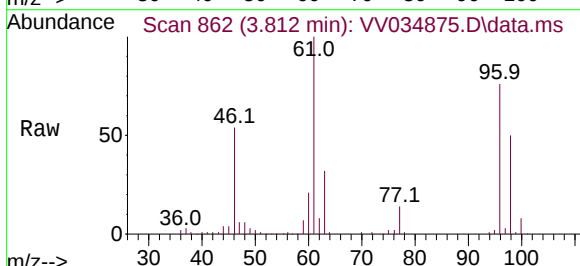
Tgt Ion: 96 Resp: 144753

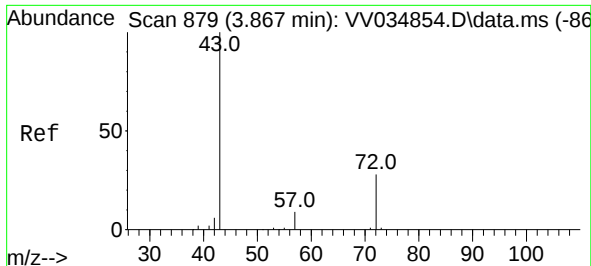
Ion Ratio Lower Upper

96 100

61 131.2 94.9 176.3

98 65.3 45.6 84.8

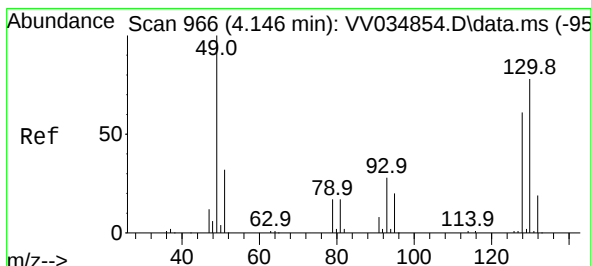
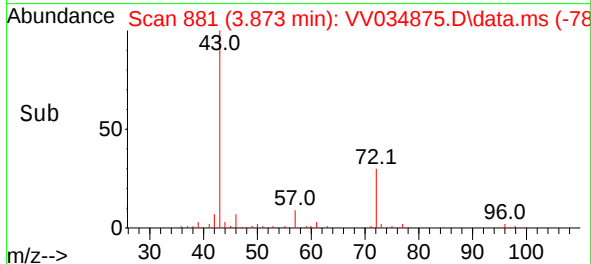
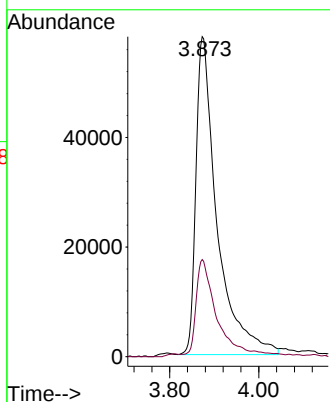
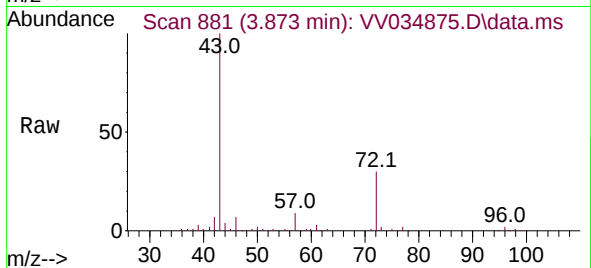




#22
2-Butanone
Concen: 91.661 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.006 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

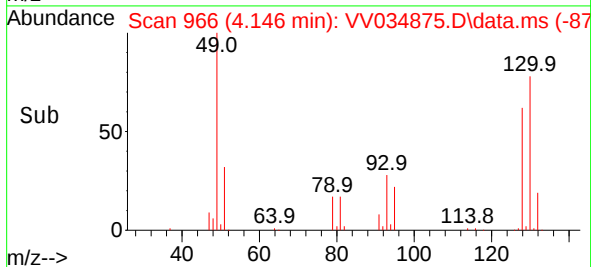
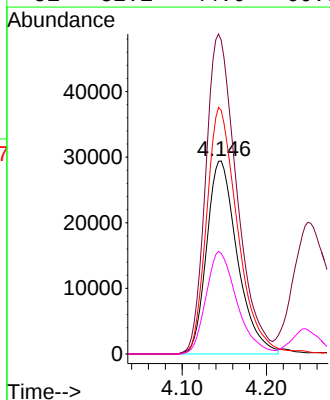
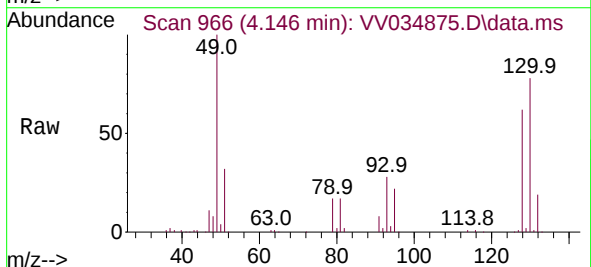
Instrument :
MSVOA_V
ClientSampleId :

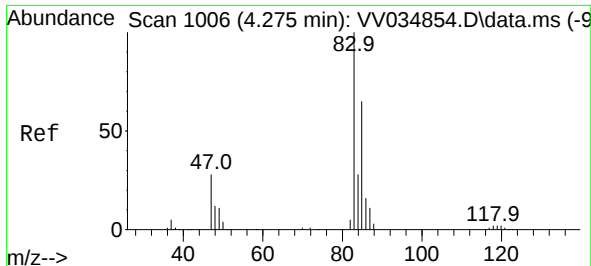
Tgt Ion: 43 Resp: 190678
Ion Ratio Lower Upper
43 100
72 27.4 13.2 39.6



#23
Bromochloromethane
Concen: 52.912 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

Tgt Ion:128 Resp: 74363
Ion Ratio Lower Upper
128 100
49 162.5 123.8 229.8
130 126.2 93.2 173.0
51 52.1 44.0 66.0





#25

Chloroform

Concen: 52.331 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

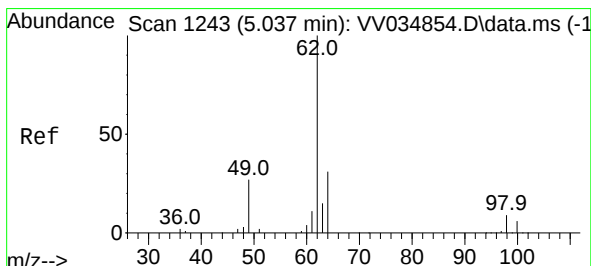
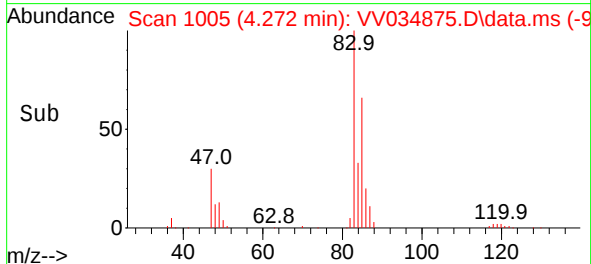
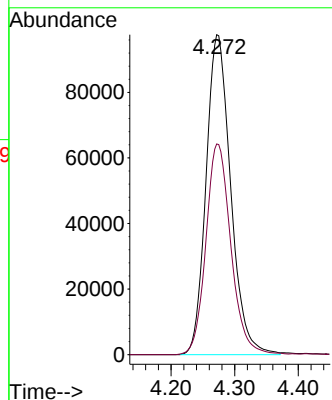
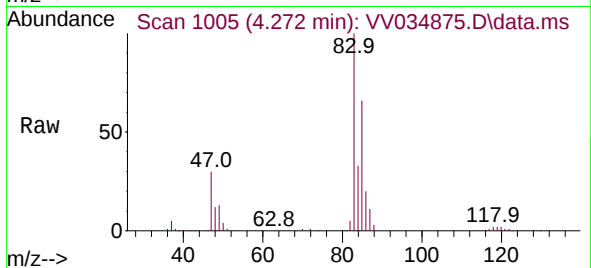
ClientSampleId :

Tgt Ion: 83 Resp: 262463

Ion Ratio Lower Upper

83 100

85 65.9 46.0 85.4



#27

1,2-Dichloroethane

Concen: 53.298 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV034875.D

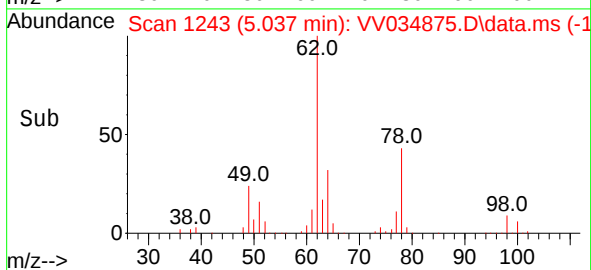
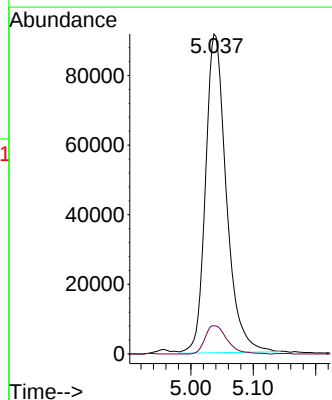
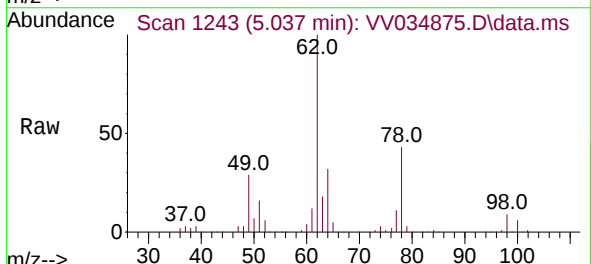
Acq: 27 Mar 2024 19:16

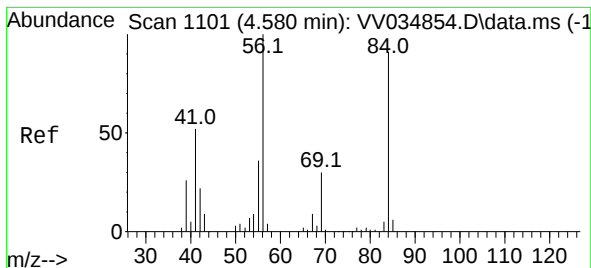
Tgt Ion: 62 Resp: 212828

Ion Ratio Lower Upper

62 100

98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 33.460 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

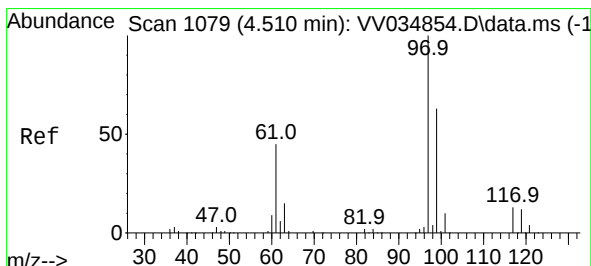
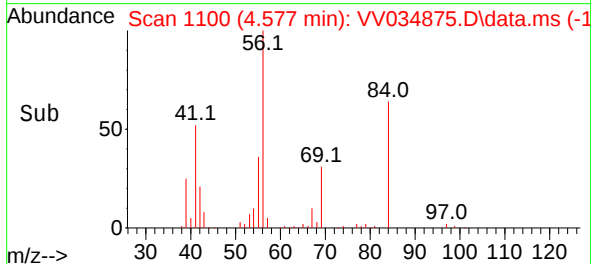
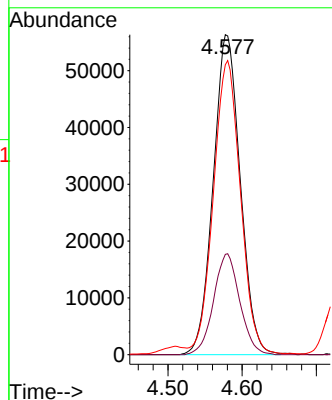
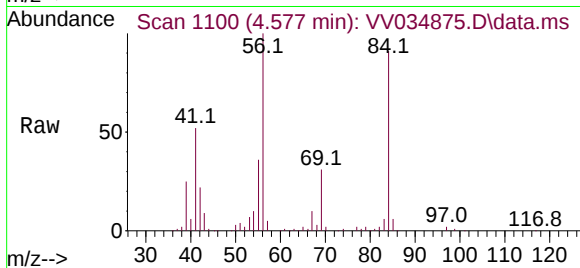
Tgt Ion: 56 Resp: 142573

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 92.1 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 45.188 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

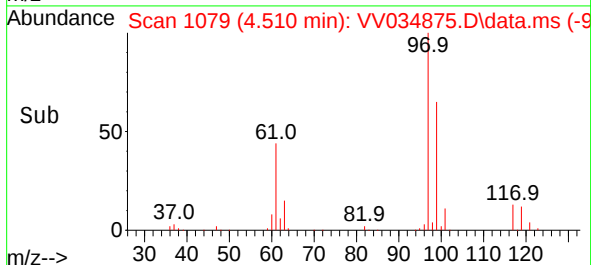
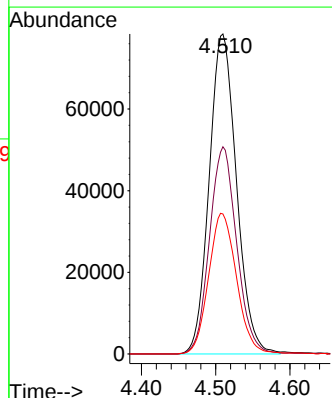
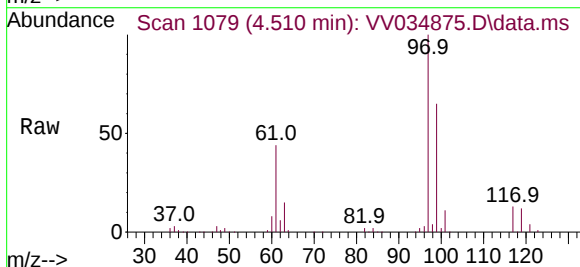
Tgt Ion: 97 Resp: 200390

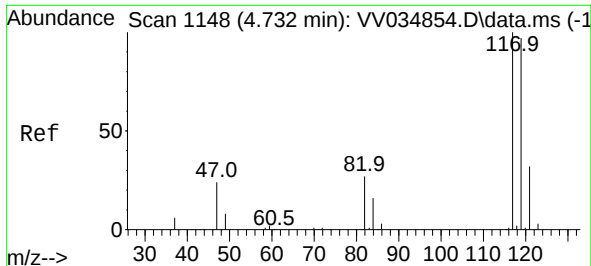
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 45.0 36.8 55.2

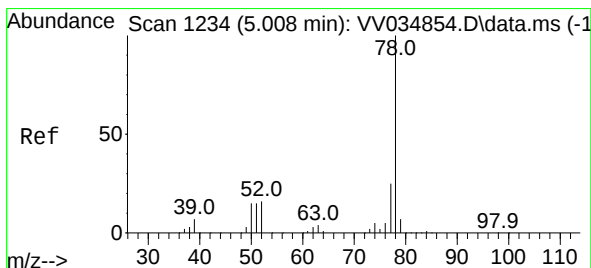
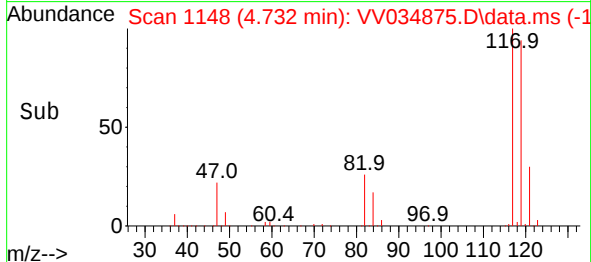
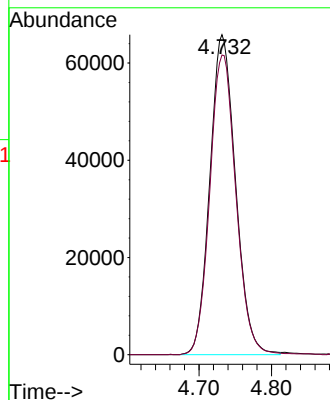
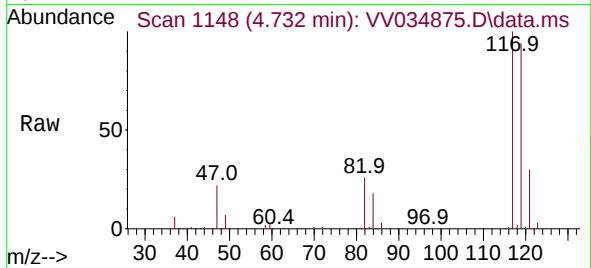




#31
Carbon tetrachloride
Concen: 43.119 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

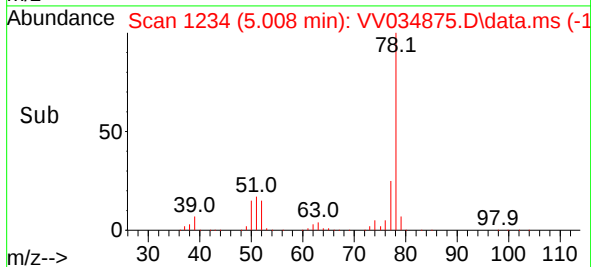
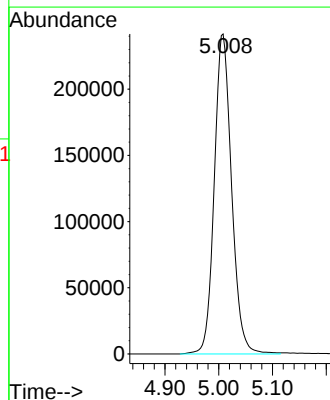
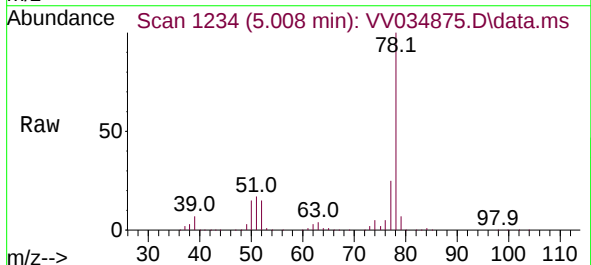
Instrument :
MSVOA_V
ClientSampleId :

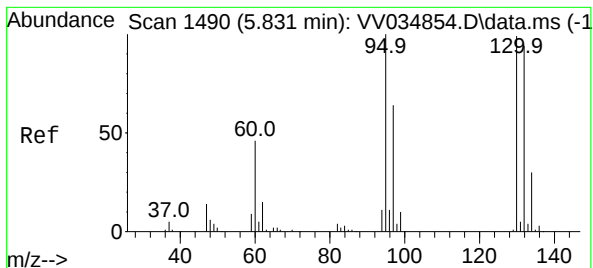
Tgt Ion:117 Resp: 162073
Ion Ratio Lower Upper
117 100
119 95.1 77.1 115.7



#33
Benzene
Concen: 48.701 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

Tgt Ion: 78 Resp: 540276





#34

Trichloroethene

Concen: 45.457 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 136095

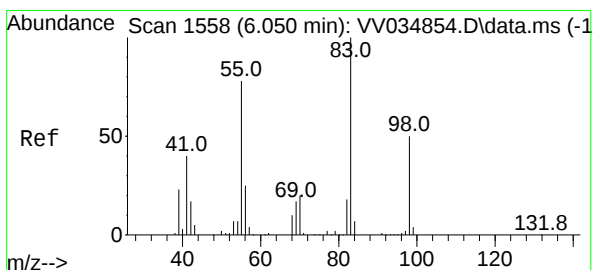
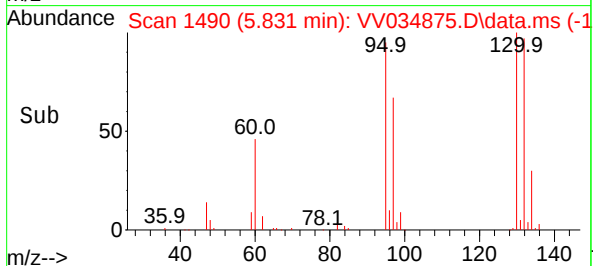
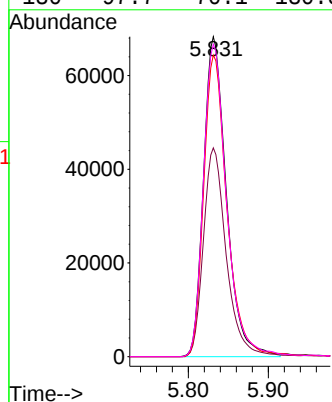
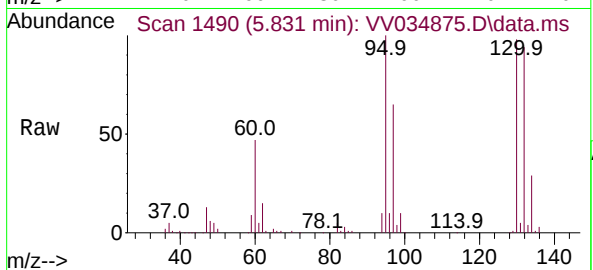
Ion Ratio Lower Upper

95 100

97 65.3 45.3 84.1

132 94.3 65.3 121.3

130 97.7 70.1 130.3



#35

Methylcyclohexane

Concen: 32.291 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

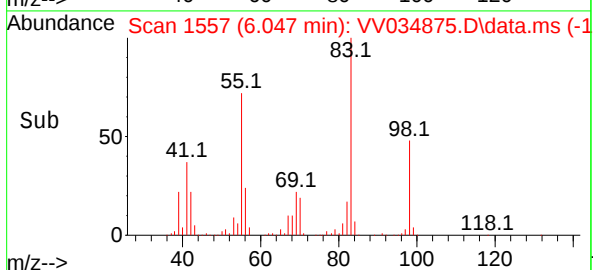
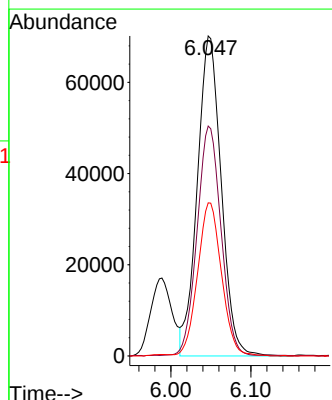
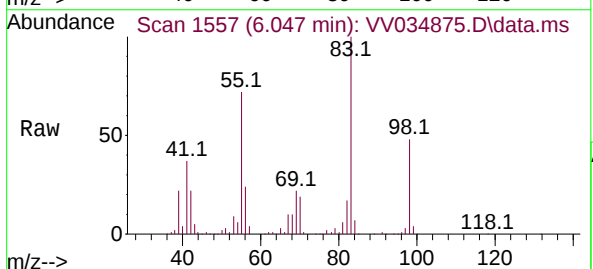
Tgt Ion: 83 Resp: 146006

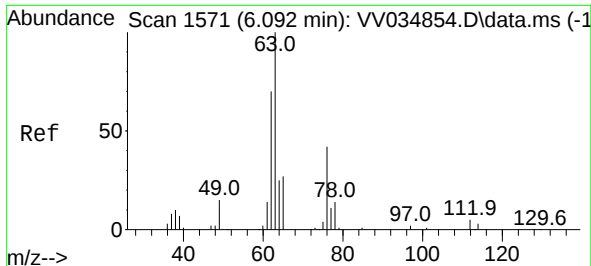
Ion Ratio Lower Upper

83 100

55 71.6 60.0 90.0

98 47.9 37.6 56.4

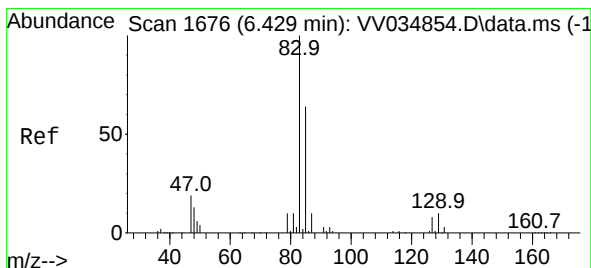
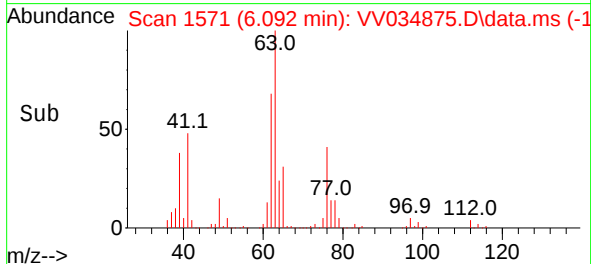
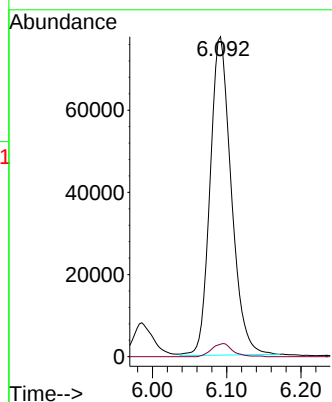
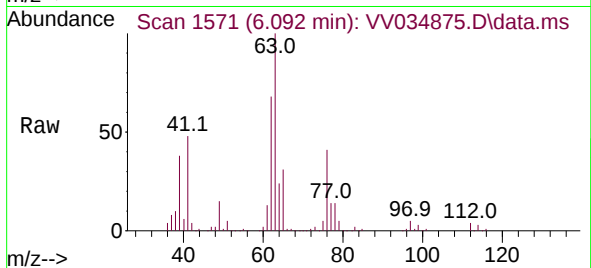




#37
1,2-Dichloropropane
Concen: 50.048 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

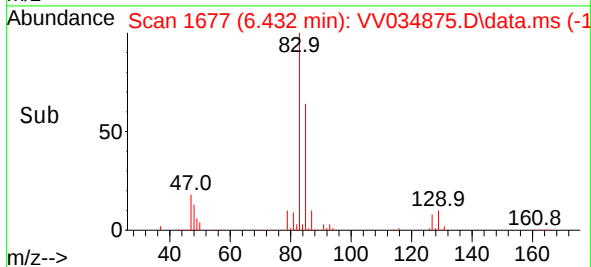
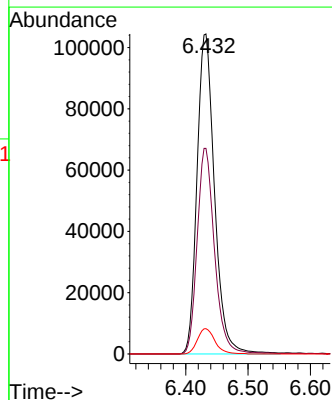
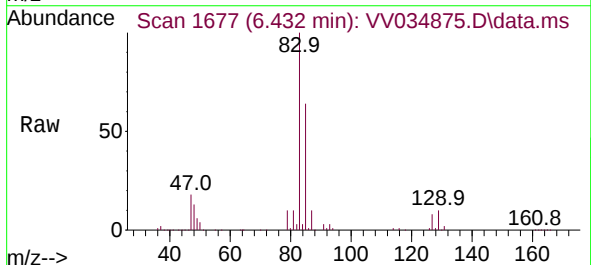
Instrument :
MSVOA_V
ClientSampleId :

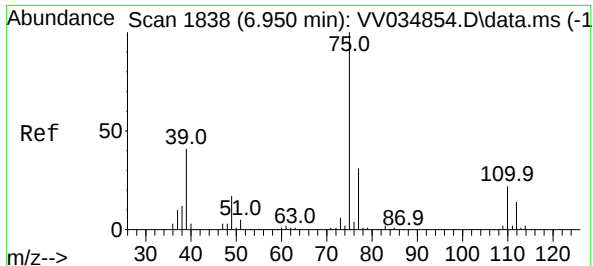
Tgt Ion: 63 Resp: 153436
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 51.480 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

Tgt Ion: 83 Resp: 203636
Ion Ratio Lower Upper
83 100
85 64.2 43.7 81.1
127 7.9 6.4 9.6

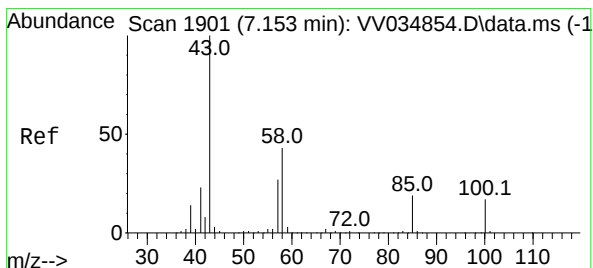
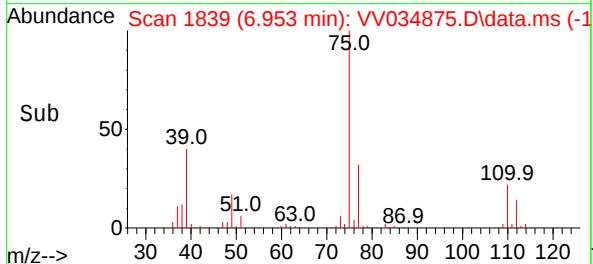
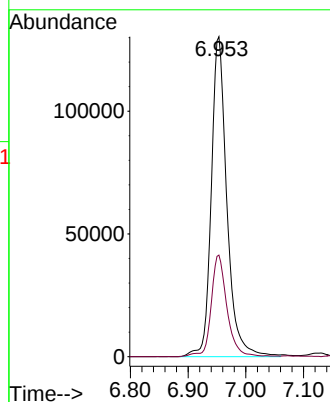
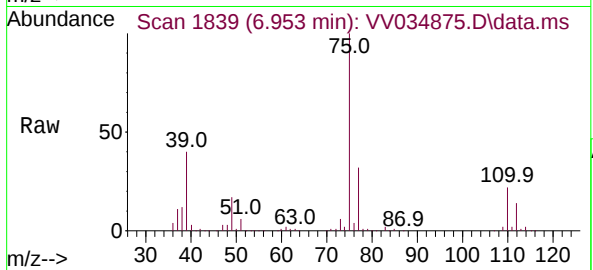




#39
 cis-1,3-Dichloropropene
 Concen: 50.833 ug/L
 RT: 6.953 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV034875.D
 Acq: 27 Mar 2024 19:16

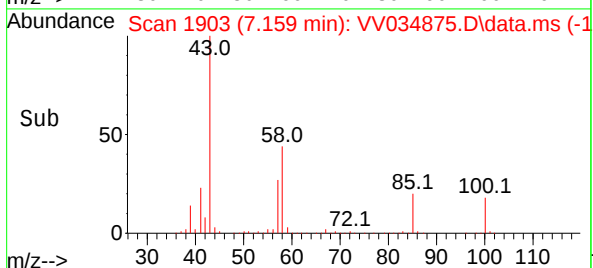
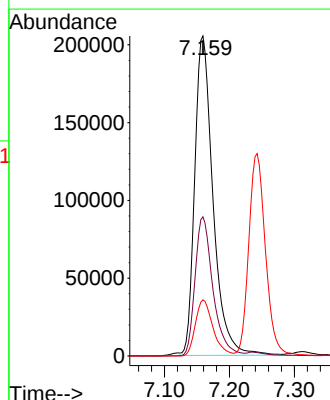
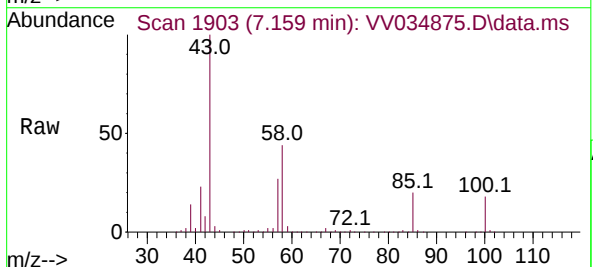
Instrument :
 MSVOA_V
 ClientSampleId :

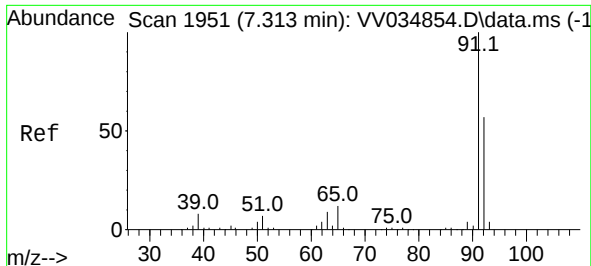
Tgt Ion: 75 Resp: 245499
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 103.266 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VV034875.D
 Acq: 27 Mar 2024 19:16

Tgt Ion: 43 Resp: 404211
 Ion Ratio Lower Upper
 43 100
 58 42.6 33.8 50.8
 100 16.9 13.0 19.4





#42

Toluene

Concen: 49.236 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

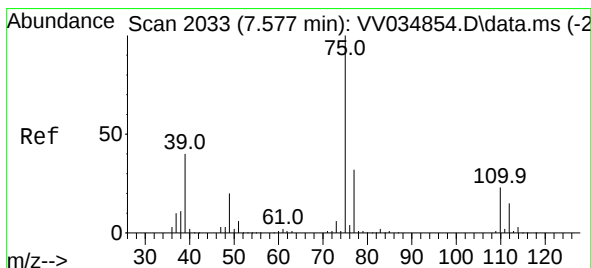
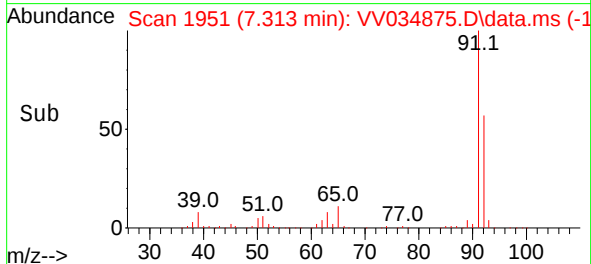
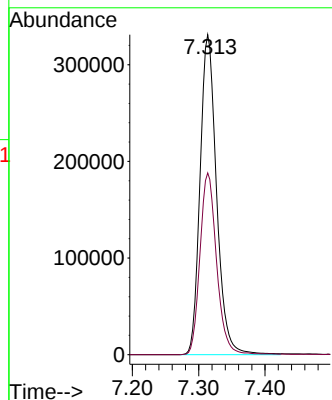
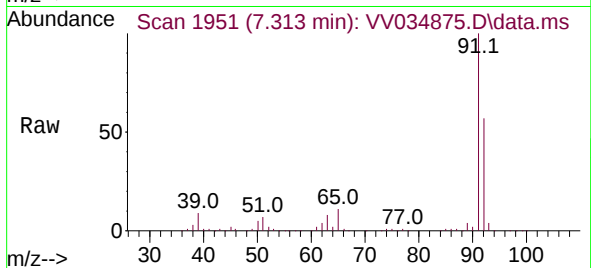
ClientSampleId :

Tgt Ion: 91 Resp: 571848

Ion Ratio Lower Upper

91 100

92 56.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 52.003 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034875.D

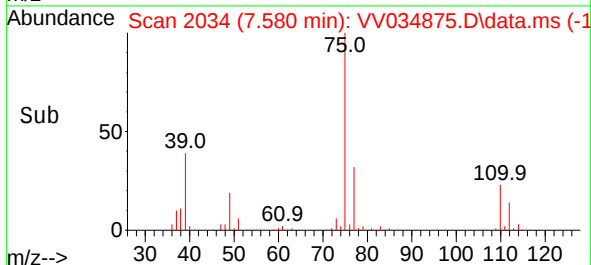
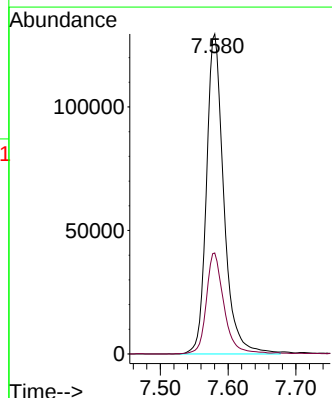
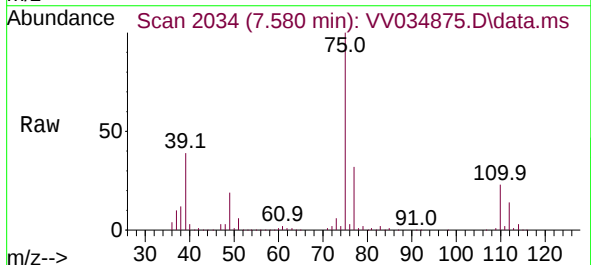
Acq: 27 Mar 2024 19:16

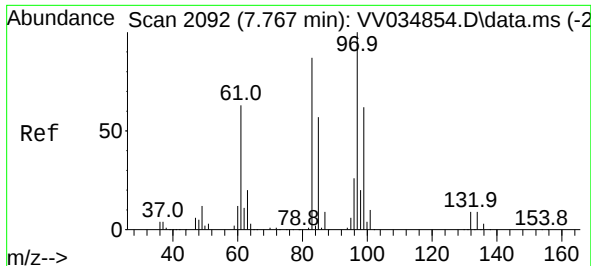
Tgt Ion: 75 Resp: 230738

Ion Ratio Lower Upper

75 100

77 31.6 21.7 40.3



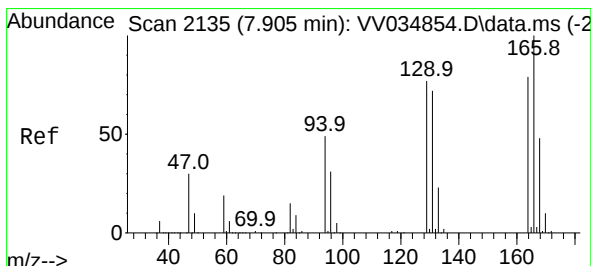
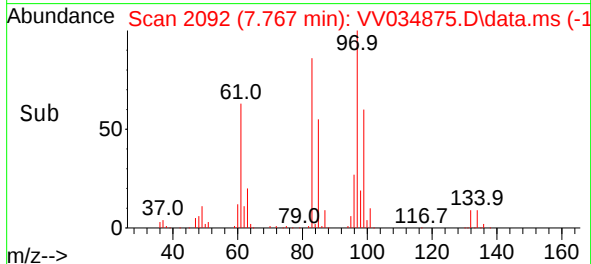
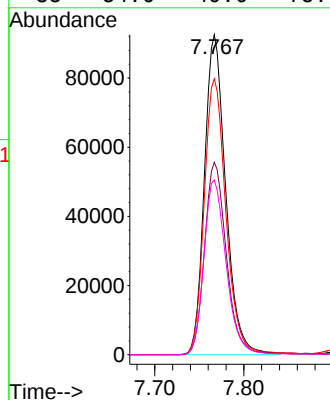
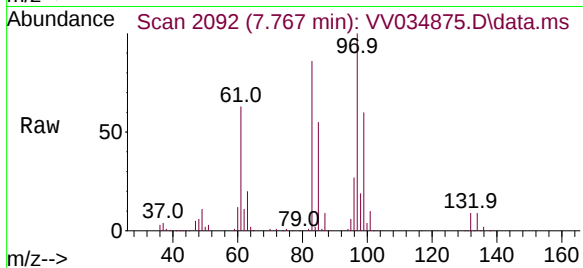


#45
1,1,2-Trichloroethane
Concen: 53.137 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 153546

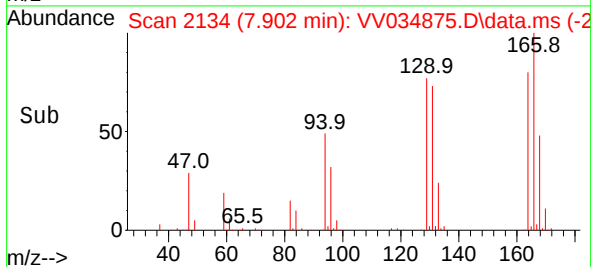
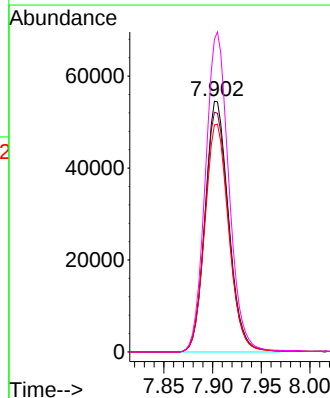
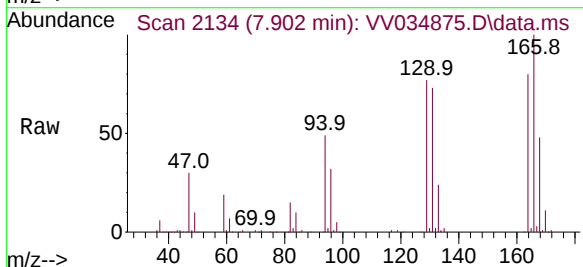
Ion	Ratio	Lower	Upper
97	100		
99	60.1	43.3	80.3
83	86.2	61.6	114.4
85	54.6	40.6	75.4

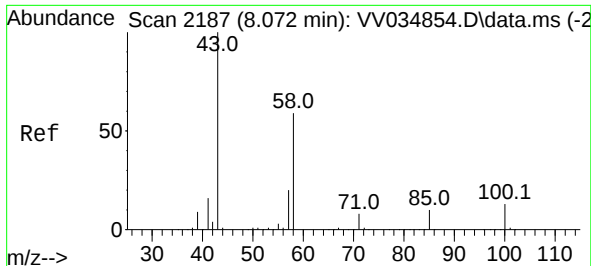


#46
Tetrachloroethene
Concen: 43.825 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

Tgt Ion: 164 Resp: 91667

Ion	Ratio	Lower	Upper
164	100		
129	95.6	68.6	127.4
131	90.6	65.7	122.1
166	124.8	89.0	165.2





#48

2-Hexanone

Concen: 94.903 ug/L

RT: 8.079 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 315944

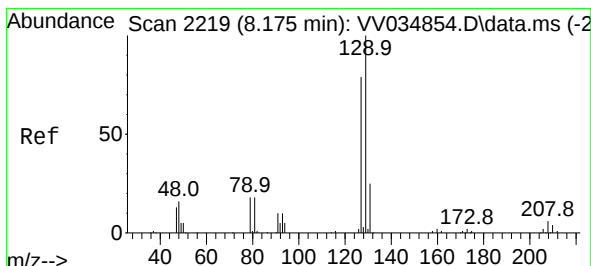
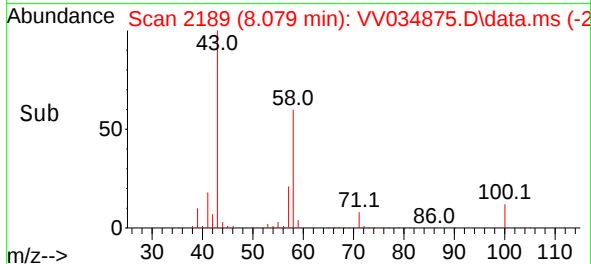
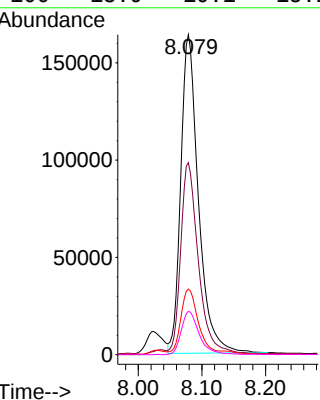
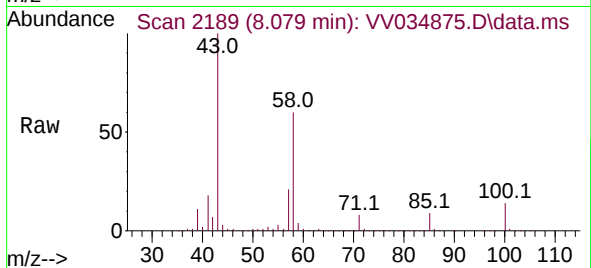
Ion Ratio Lower Upper

43 100

58 58.9 45.4 68.2

57 18.8 16.2 24.4

100 13.9 10.1 15.1



#49

Dibromochloromethane

Concen: 53.877 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV034875.D

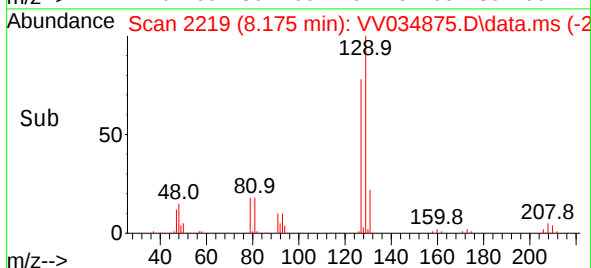
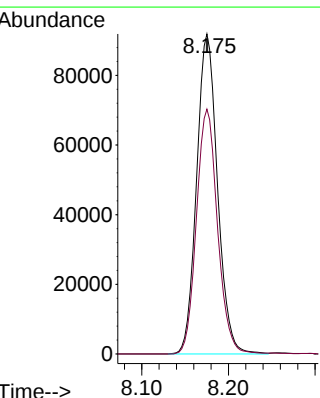
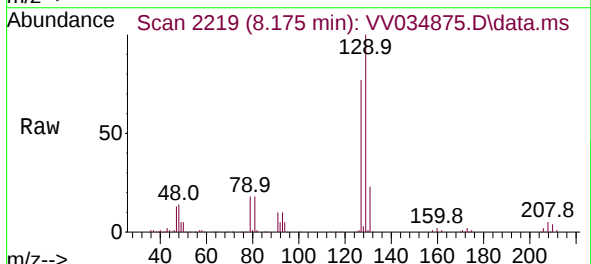
Acq: 27 Mar 2024 19:16

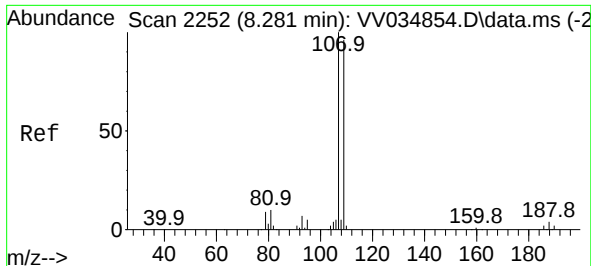
Tgt Ion:129 Resp: 154195

Ion Ratio Lower Upper

129 100

127 76.5 54.1 100.5

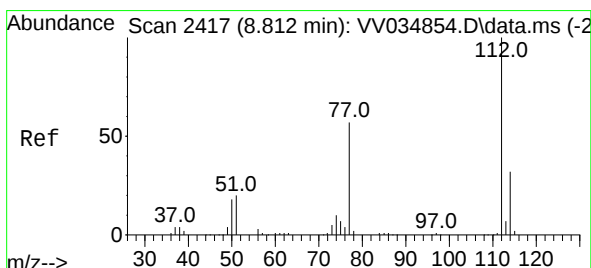
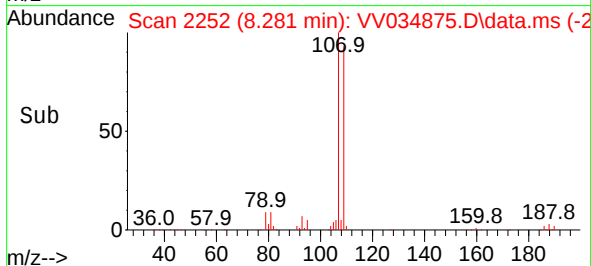
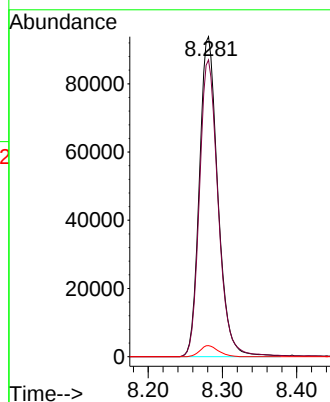
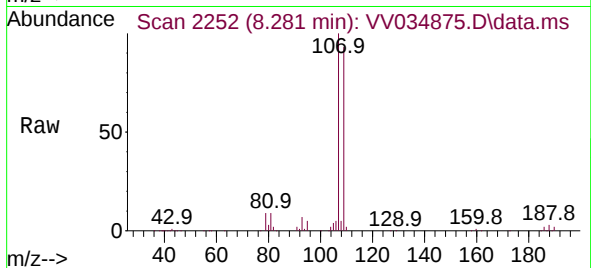




#50
1,2-Dibromoethane
Concen: 52.183 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

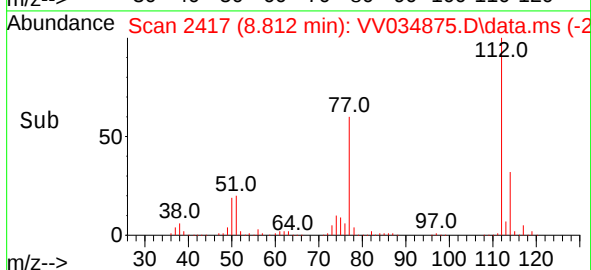
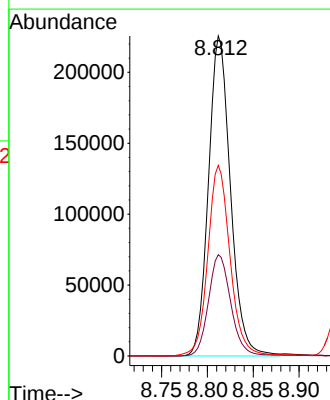
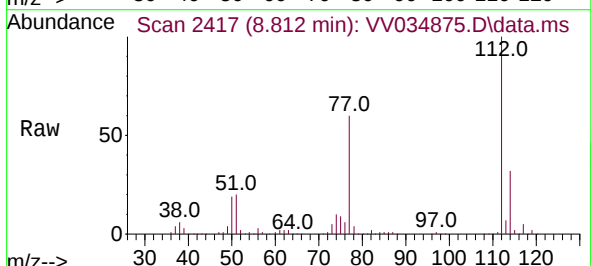
Instrument :
MSVOA_V
ClientSampleId :

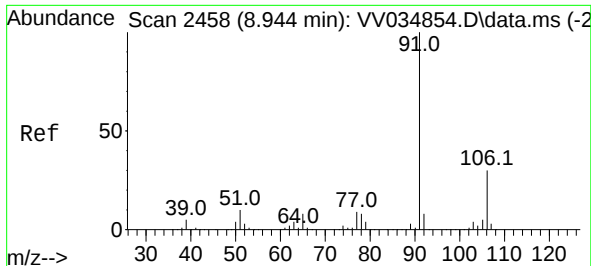
Tgt Ion:107 Resp: 162341
Ion Ratio Lower Upper
107 100
109 92.7 64.5 119.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 49.971 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

Tgt Ion:112 Resp: 376155
Ion Ratio Lower Upper
112 100
114 31.6 22.0 41.0
77 59.5 47.4 71.2





#52

Ethylbenzene

Concen: 48.522 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

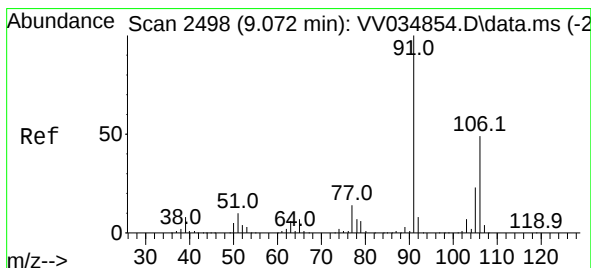
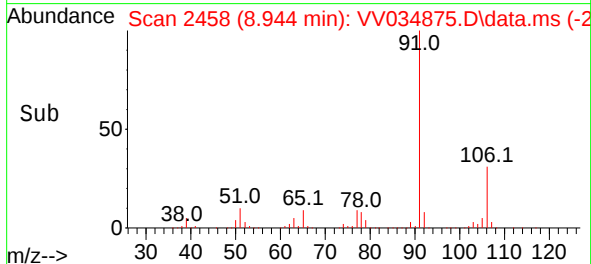
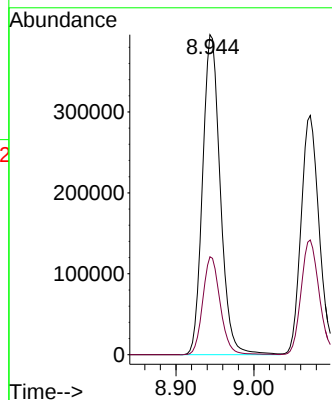
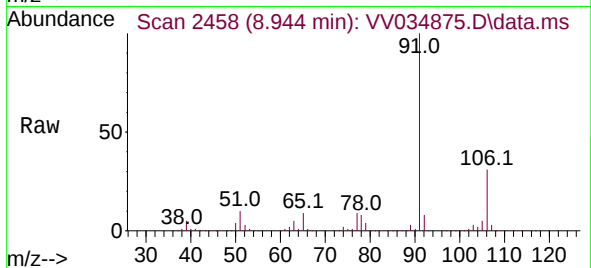
ClientSampleId :

Tgt Ion: 91 Resp: 624572

Ion Ratio Lower Upper

91 100

106 30.6 21.3 39.5



#53

m,p-Xylene

Concen: 48.767 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV034875.D

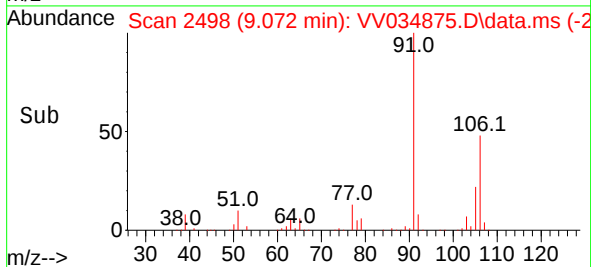
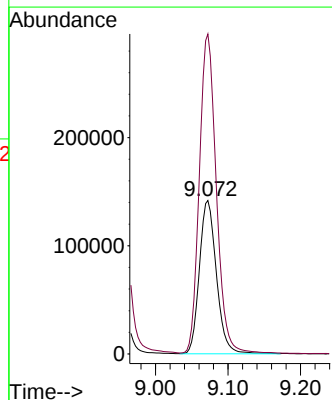
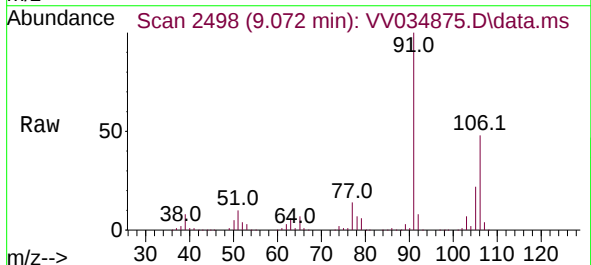
Acq: 27 Mar 2024 19:16

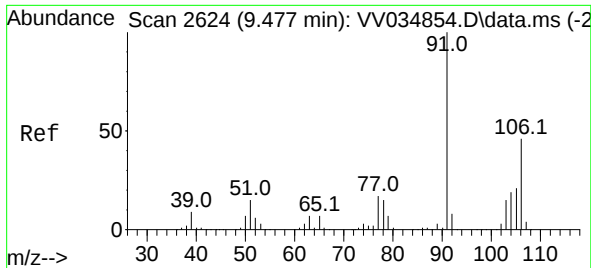
Tgt Ion:106 Resp: 231171

Ion Ratio Lower Upper

106 100

91 208.5 144.8 269.0

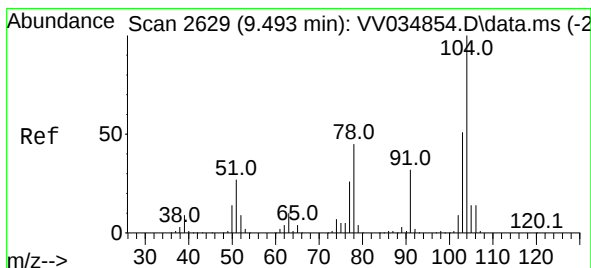
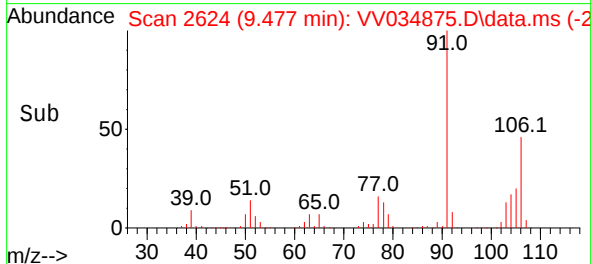
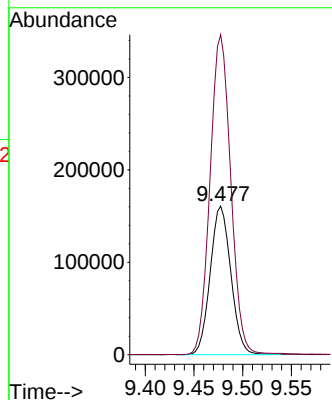
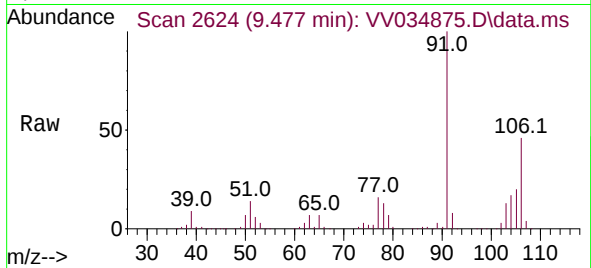




#54
o-Xylene
Concen: 50.542 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

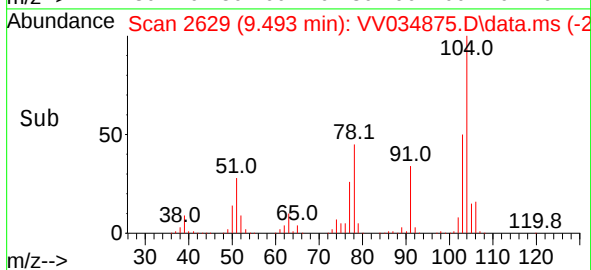
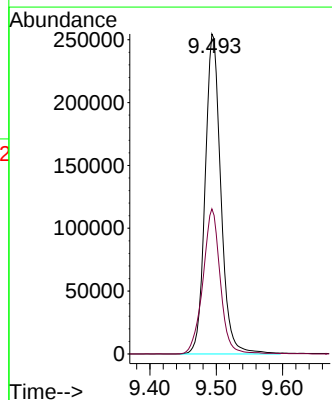
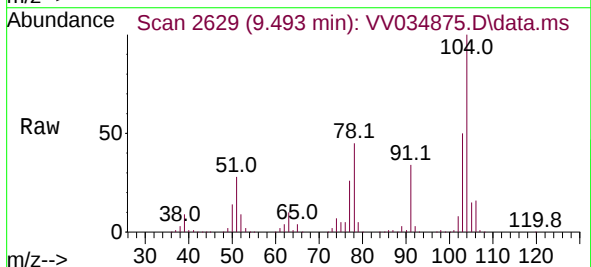
Instrument :
MSVOA_V
ClientSampleId :

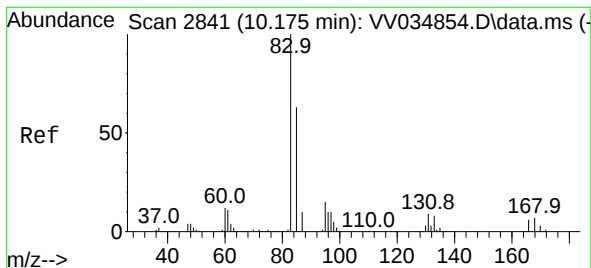
Tgt Ion:106 Resp: 237056
Ion Ratio Lower Upper
106 100
91 215.2 151.3 280.9



#55
Styrene
Concen: 52.895 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

Tgt Ion:104 Resp: 419245
Ion Ratio Lower Upper
104 100
78 45.4 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 54.660 ug/L

RT: 10.178 min Scan# 2841

Delta R.T. 0.003 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

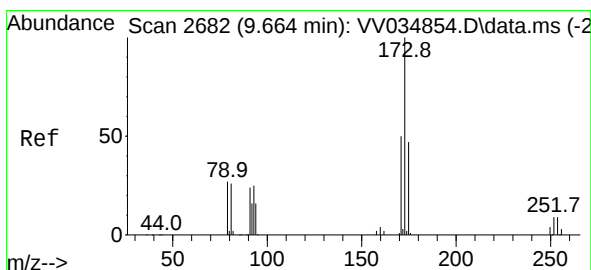
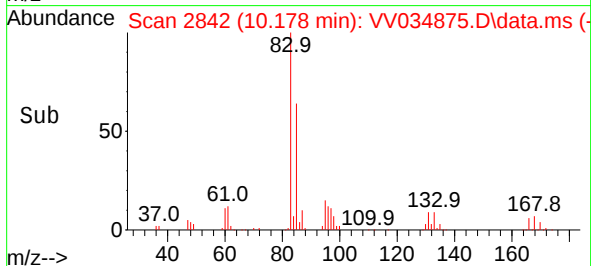
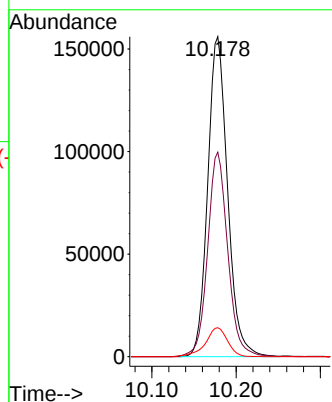
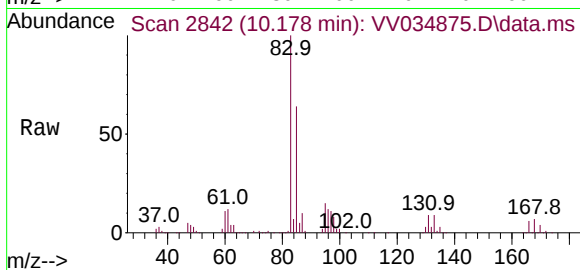
Tgt Ion: 83 Resp: 255908

Ion Ratio Lower Upper

83 100

85 63.9 44.5 82.7

131 9.1 6.9 10.3



#59

Bromoform

Concen: 56.676 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

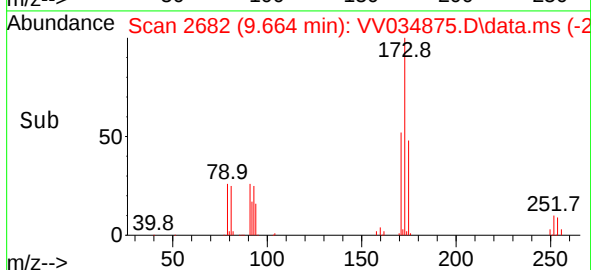
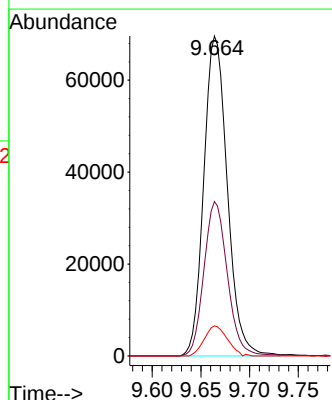
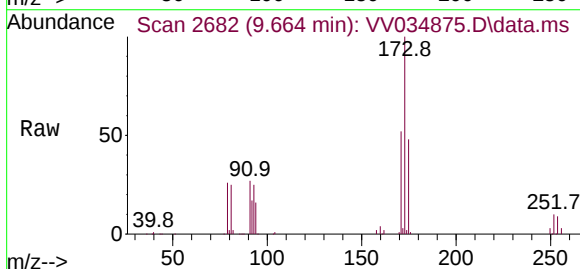
Tgt Ion: 173 Resp: 116884

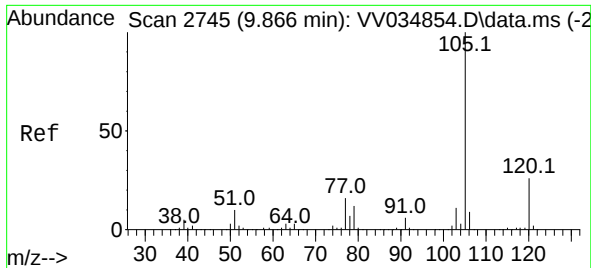
Ion Ratio Lower Upper

173 100

175 48.3 39.3 58.9

254 9.1 7.5 11.3

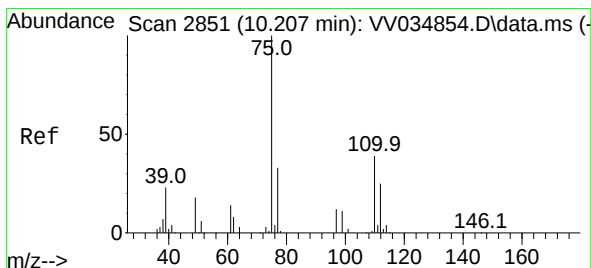
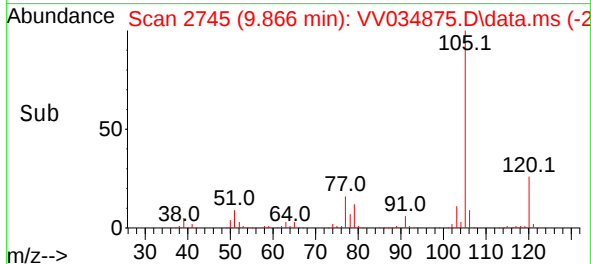
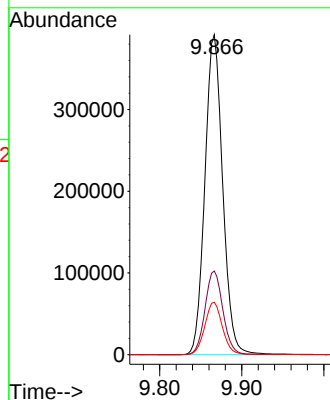
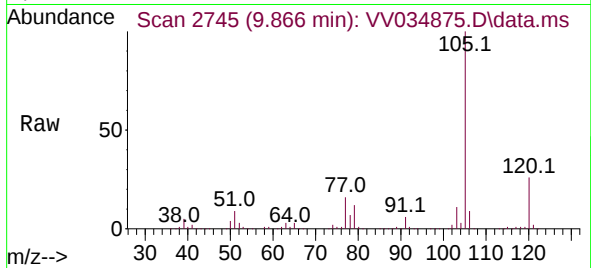




#60
Isopropylbenzene
Concen: 45.482 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

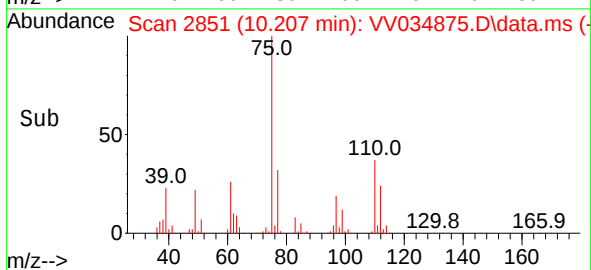
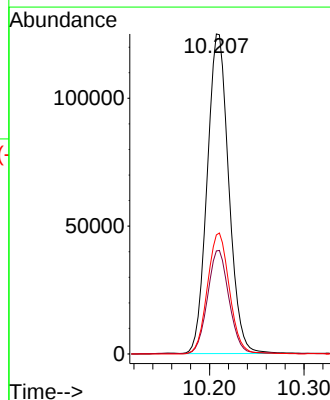
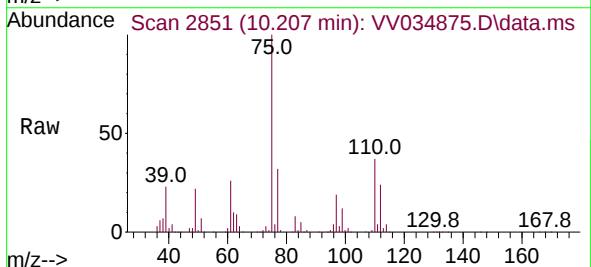
Instrument :
MSVOA_V
ClientSampleId :

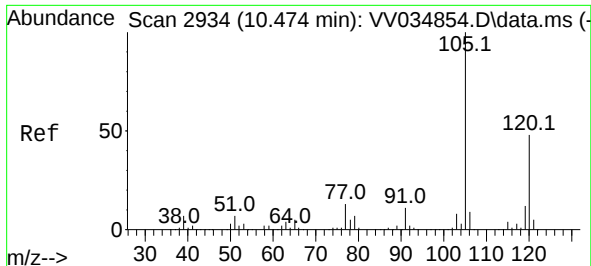
Tgt Ion:105 Resp: 590076
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 16.3 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 50.907 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034875.D
Acq: 27 Mar 2024 19:16

Tgt Ion: 75 Resp: 198519
Ion Ratio Lower Upper
75 100
77 32.4 26.0 39.0
110 38.6 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 47.067 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

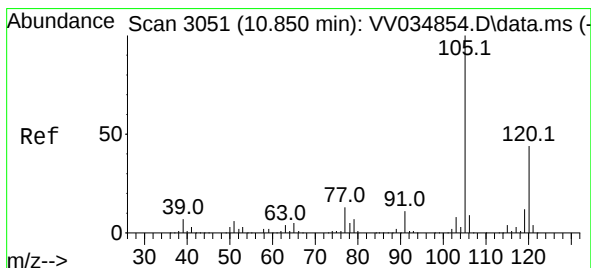
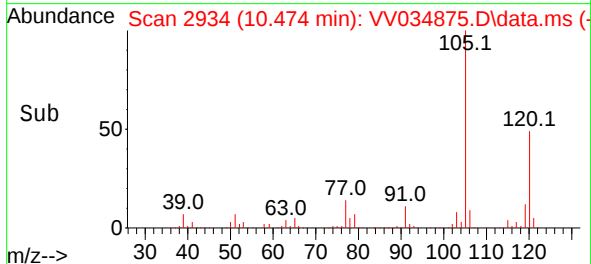
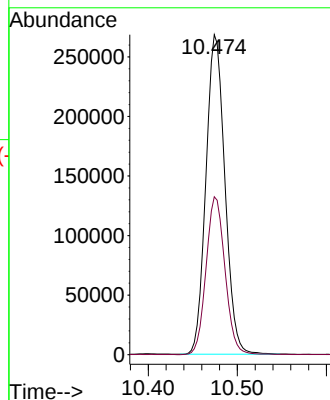
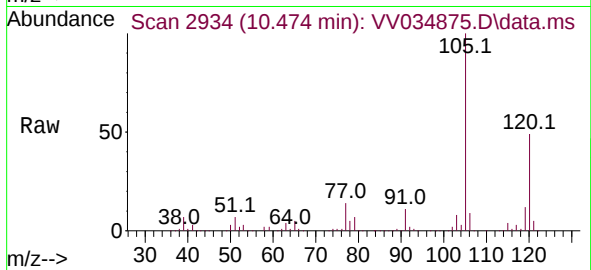
ClientSampleId :

Tgt Ion:105 Resp: 396572

Ion Ratio Lower Upper

105 100

120 49.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 48.693 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034875.D

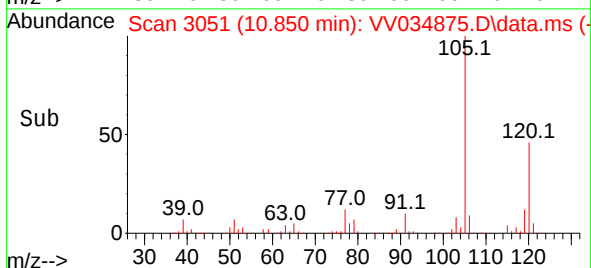
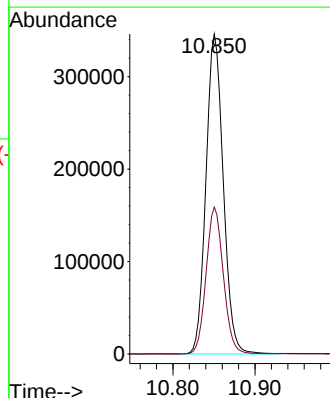
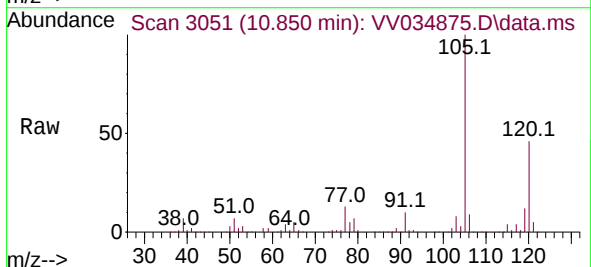
Acq: 27 Mar 2024 19:16

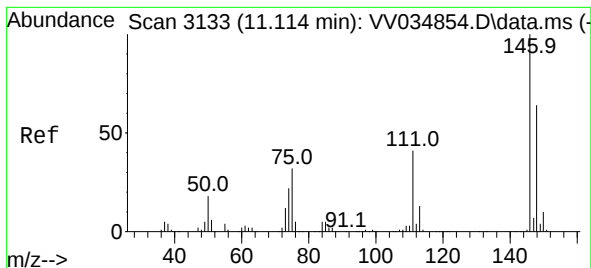
Tgt Ion:105 Resp: 507250

Ion Ratio Lower Upper

105 100

120 45.8 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 48.937 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

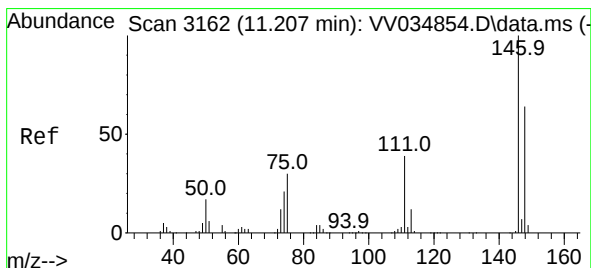
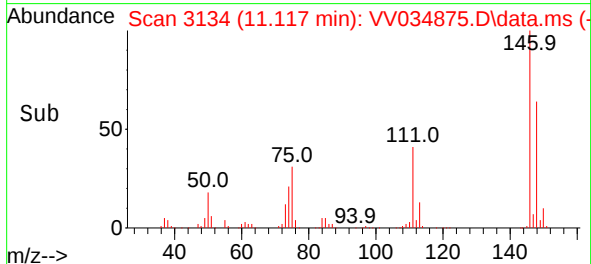
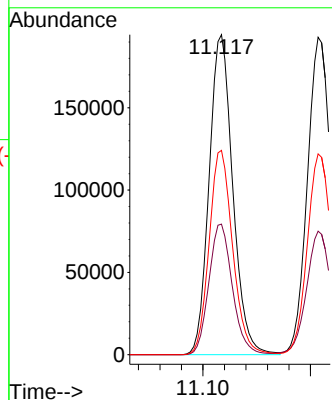
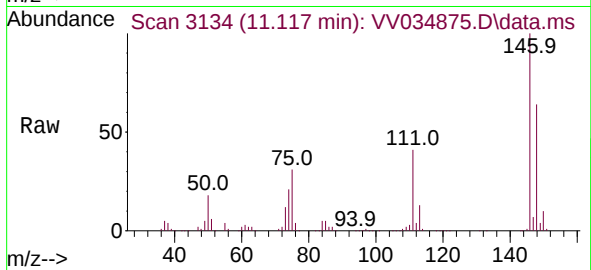
Tgt Ion:146 Resp: 296695

Ion Ratio Lower Upper

146 100

111 40.8 28.7 53.3

148 63.8 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 49.260 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

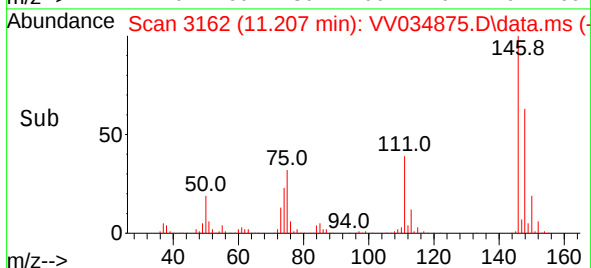
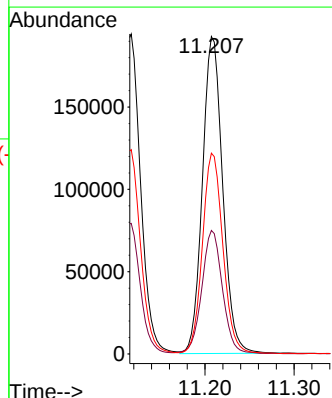
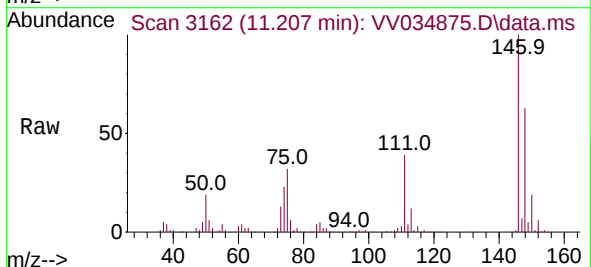
Tgt Ion:146 Resp: 303714

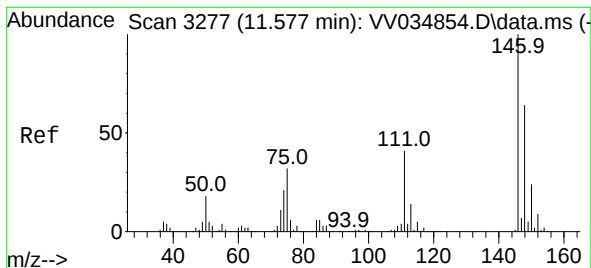
Ion Ratio Lower Upper

146 100

111 38.9 27.4 50.8

148 63.3 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 50.544 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

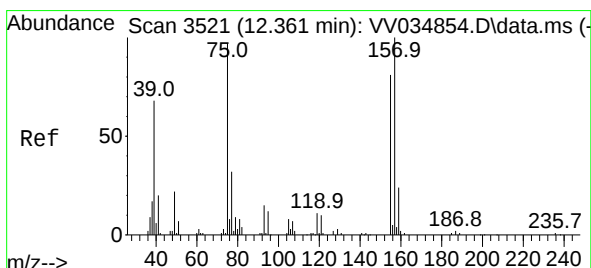
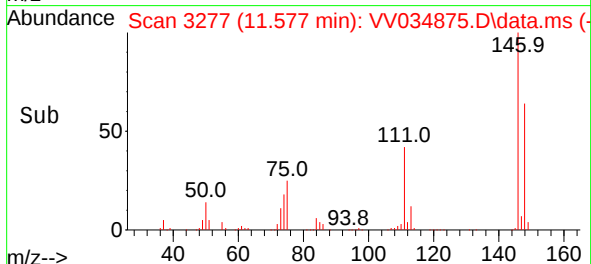
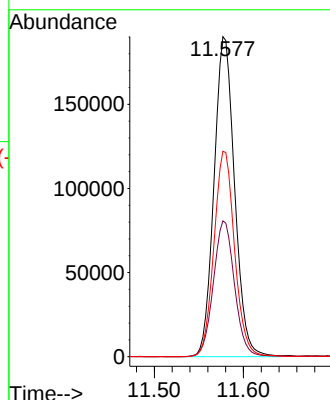
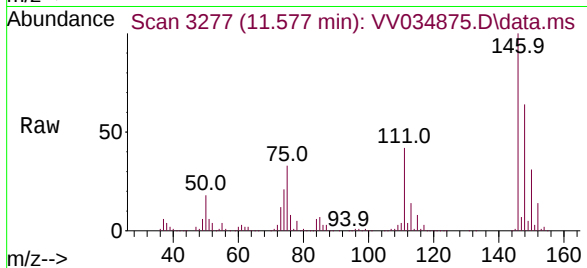
Tgt Ion:146 Resp: 305269

Ion Ratio Lower Upper

146 100

111 42.4 34.6 52.0

148 64.2 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 49.736 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

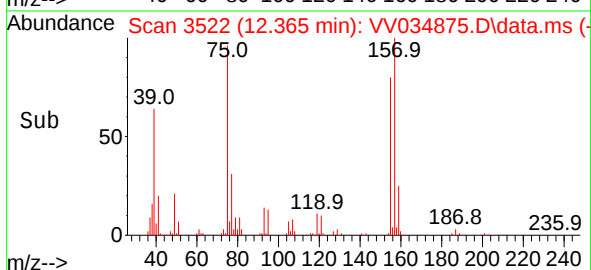
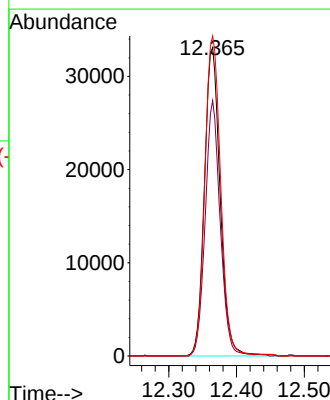
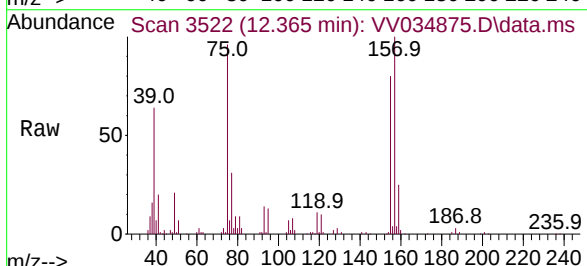
Tgt Ion: 75 Resp: 53434

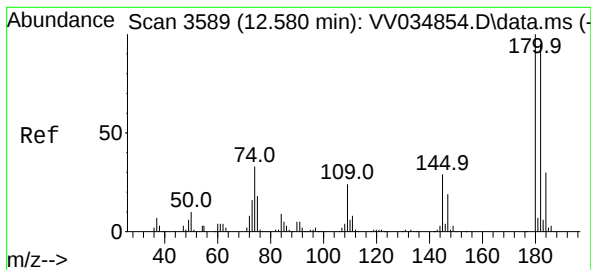
Ion Ratio Lower Upper

75 100

155 82.8 63.0 94.6

157 103.8 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 46.904 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

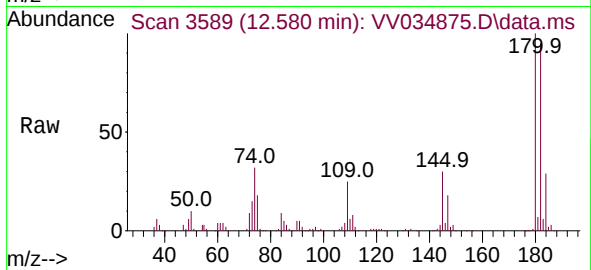
Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 204947

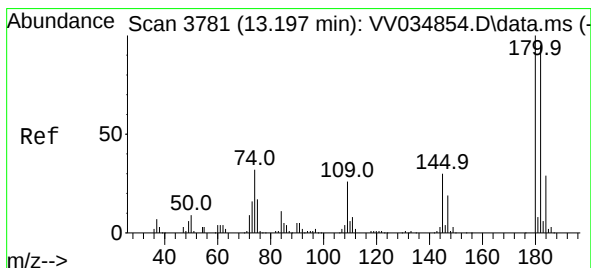
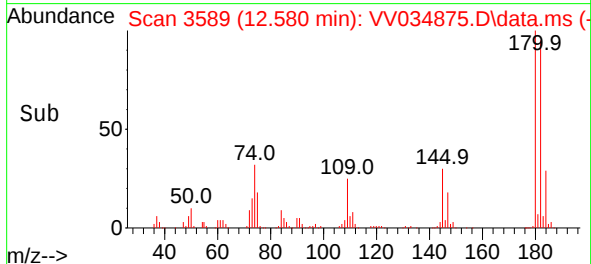
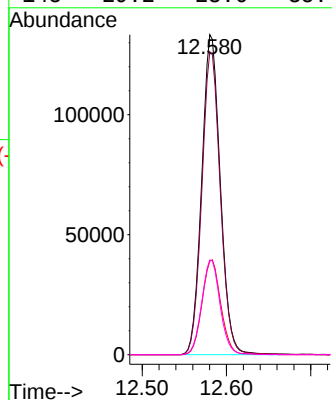
Ion Ratio Lower Upper

180 100

182 94.3 74.7 112.1

184 29.8 24.0 36.0

145 29.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 46.331 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

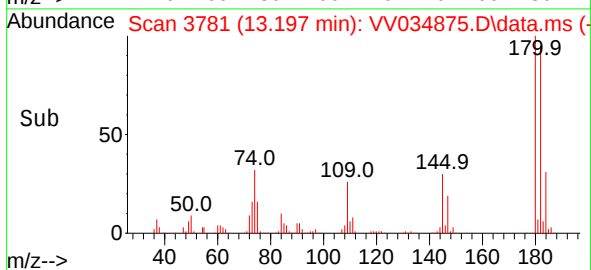
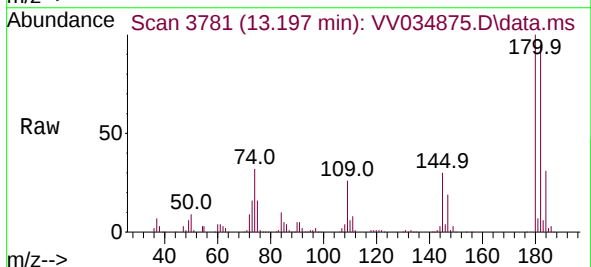
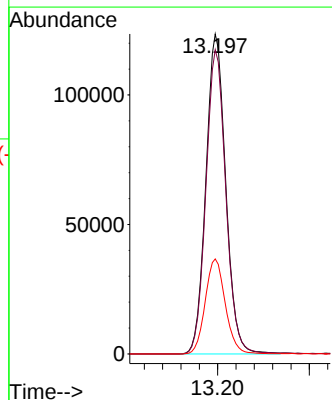
Tgt Ion:180 Resp: 185961

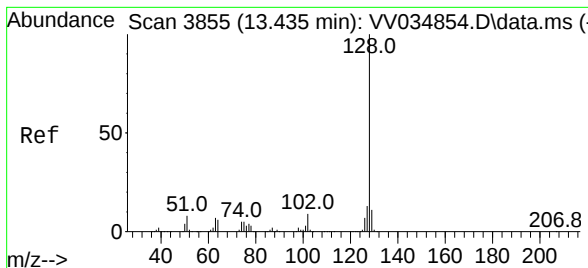
Ion Ratio Lower Upper

180 100

182 95.0 75.6 113.4

145 30.1 24.1 36.1





#71

Naphthalene

Concen: 50.872 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Instrument :

MSVOA_V

ClientSampleId :

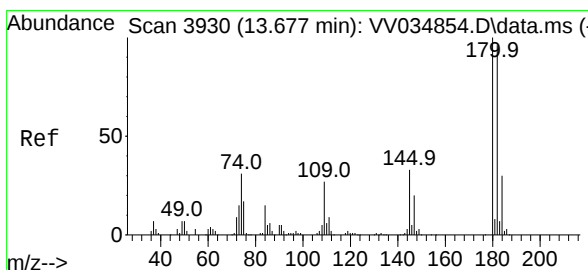
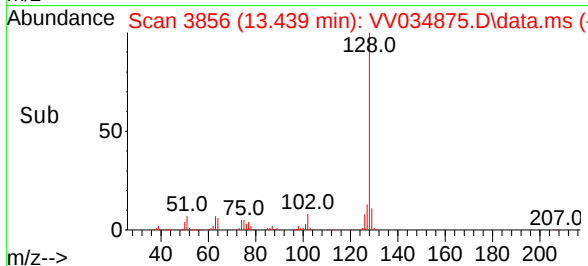
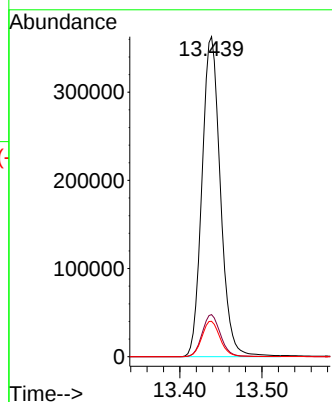
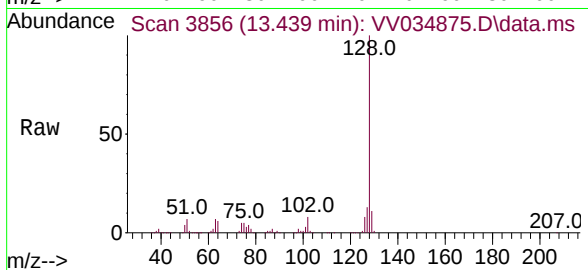
Tgt Ion:128 Resp: 566499

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 47.669 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV034875.D

Acq: 27 Mar 2024 19:16

Tgt Ion:180 Resp: 188598

Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

145 31.2 25.8 38.6

