

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
 Data File : VV034876.D
 Acq On : 27 Mar 2024 19:40
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 01:59:28 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	344968	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	335950	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	177972	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	100807	30.258	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.520%
7) Chloroethane-d5	1.529	69	104377	36.071	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.140%
11) 1,1-Dichloroethene-d2	2.059	65	47221	32.335	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.660%
21) 2-Butanone-d5	3.786	46	189683	96.000	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.000%
24) Chloroform-d	4.249	84	232378	41.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.980%
26) 1,2-Dichloroethane-d4	4.940	65	145177	40.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.640%
32) Benzene-d6	4.960	84	415518	36.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.640%
36) 1,2-Dichloropropane-d6	5.989	67	141986	39.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.240%
41) Toluene-d8	7.243	98	371211	36.526	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.060%#
43) trans-1,3-Dichloroprop...	7.551	79	68237	39.170	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.340%
47) 2-Hexanone-d5	8.024	63	133039	98.195	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.200%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	229623	46.532	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.060%
66) 1,2-Dichlorobenzene-d4	11.561	152	153492	38.413	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.820%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	120743	48.293	ug/L	100
3) Chloromethane	1.214	50	141748	44.100	ug/L	99
5) Vinyl chloride	1.285	62	156238	46.366	ug/L	98
6) Bromomethane	1.487	94	126661	50.146	ug/L	100
8) Chloroethane	1.548	64	110927	48.201	ug/L	97
9) Trichlorofluoromethane	1.712	101	223140	50.454	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	136658	50.483	ug/L	97
12) 1,1-Dichloroethene	2.069	96	128496	49.632	ug/L	82
13) Acetone	2.117	43	141625	78.073	ug/L	99
14) Carbon disulfide	2.240	76	314992	43.204	ug/L	100
15) Methyl Acetate	2.375	43	134945	47.207	ug/L	96
16) Methylene chloride	2.445	84	138506	49.373	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	120293	48.058	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	432415	49.183	ug/L	99
19) 1,1-Dichloroethane	3.111	63	252211	49.135	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	142146	50.010	ug/L	96
22) 2-Butanone	3.866	43	181357	86.157	ug/L	96
23) Bromochloromethane	4.146	128	73468	51.662	ug/L	92
25) Chloroform	4.275	83	257100	50.661	ug/L	99

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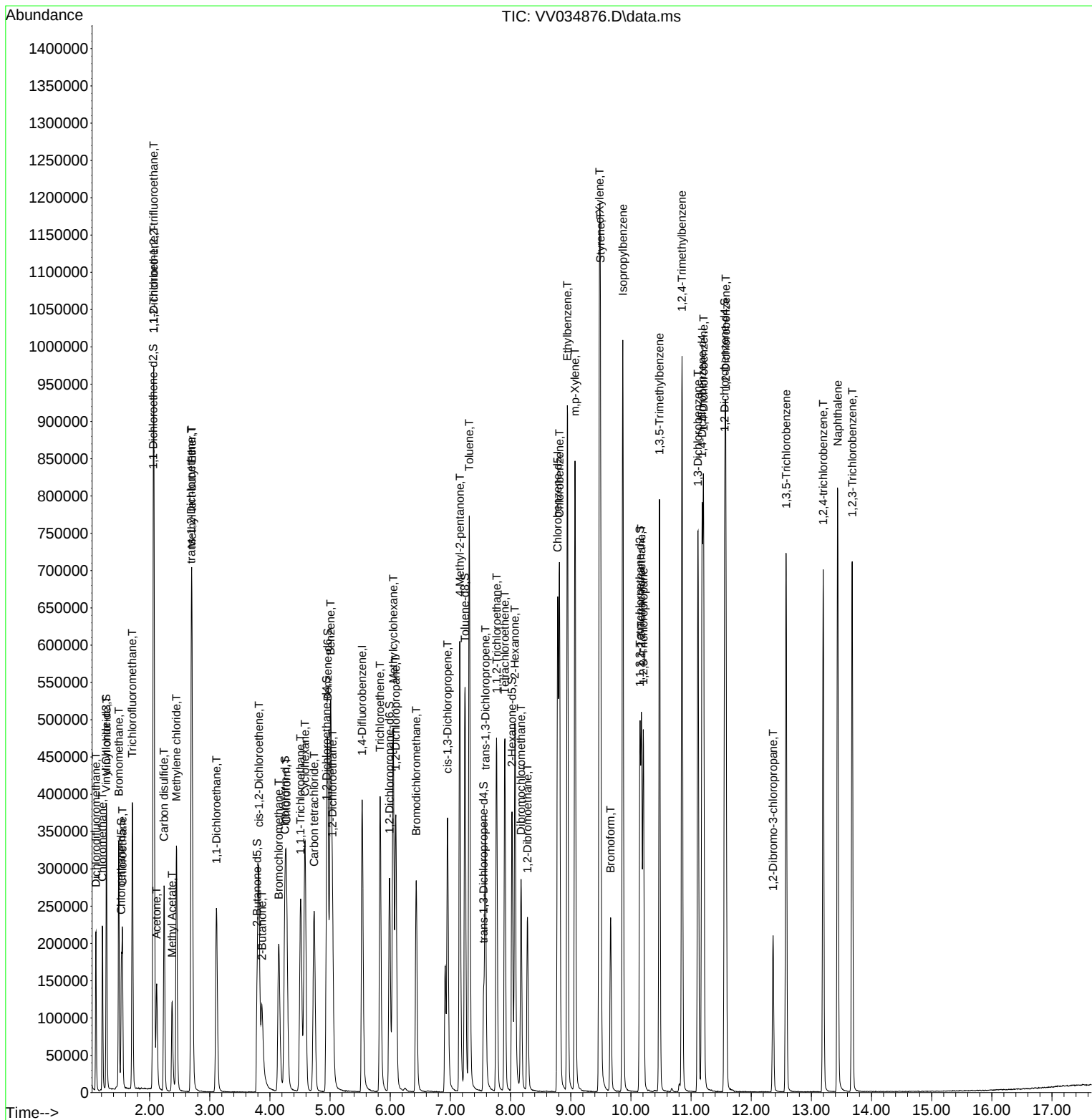
Instrument :
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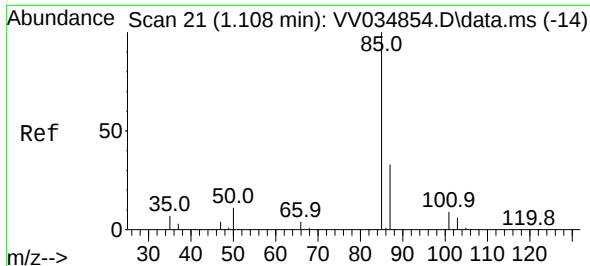
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	202366	50.083	ug/L	99
29) Cyclohexane	4.583	56	190288	45.224	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	218323	49.856	ug/L	98
31) Carbon tetrachloride	4.735	117	184203	49.628	ug/L	100
33) Benzene	5.008	78	528471	48.241	ug/L	100
34) Trichloroethene	5.831	95	139236	47.096	ug/L	99
35) Methylcyclohexane	6.050	83	210877	47.229	ug/L	98
37) 1,2-Dichloropropane	6.091	63	148824	49.159	ug/L	100
38) Bromodichloromethane	6.432	83	192683	49.329	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	230940	48.424	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	380109	98.339	ug/L	99
42) Toluene	7.313	91	570079	49.706	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	214057	48.855	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	144388	50.601	ug/L	99
46) Tetrachloroethene	7.905	164	103205	49.966	ug/L	98
48) 2-Hexanone	8.072	43	293155	89.174	ug/L	95
49) Dibromochloromethane	8.175	129	142845	50.544	ug/L	99
50) 1,2-Dibromoethane	8.281	107	154377	50.252	ug/L	98
51) Chlorobenzene	8.812	112	370194	49.802	ug/L	100
52) Ethylbenzene	8.943	91	636388	50.066	ug/L	100
53) m,p-Xylene	9.072	106	235508	50.312	ug/L	99
54) o-Xylene	9.477	106	235527	50.853	ug/L	99
55) Styrene	9.493	104	406310	51.913	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	239439	51.790	ug/L	98
59) Bromoform	9.664	173	99888	48.976	ug/L	98
60) Isopropylbenzene	9.866	105	630132	49.113	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	186786	48.433	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	414639	49.761	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	511206	49.621	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	290851	48.509	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	301103	49.383	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	293215	49.091	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	52257	49.184	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	210931	48.813	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	198714	50.062	ug/L	100
71) Naphthalene	13.438	128	608212	55.229	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	207026	52.912	ug/L	99

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

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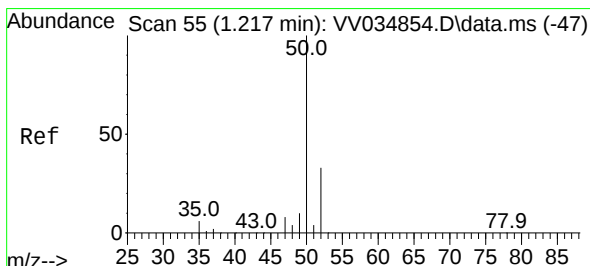
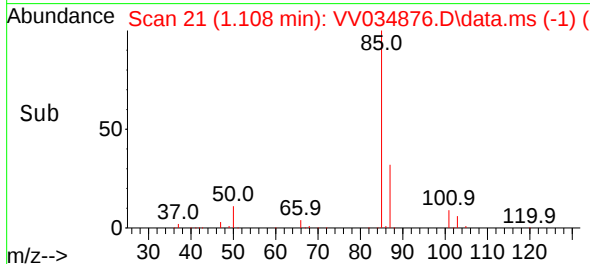
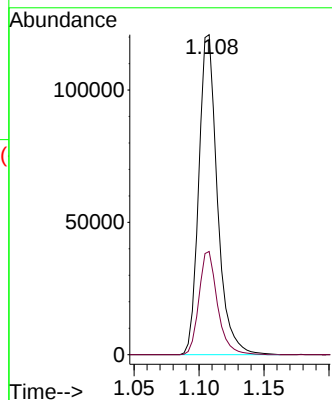
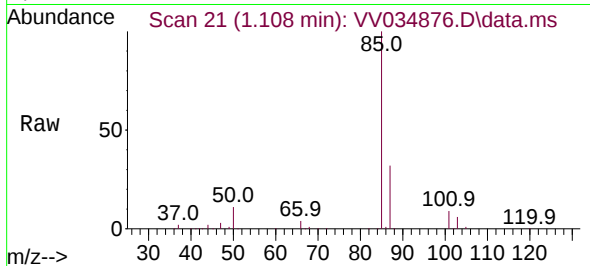




#2
 Dichlorodifluoromethane
 Concen: 48.293 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034876.D
 Acq: 27 Mar 2024 19:40

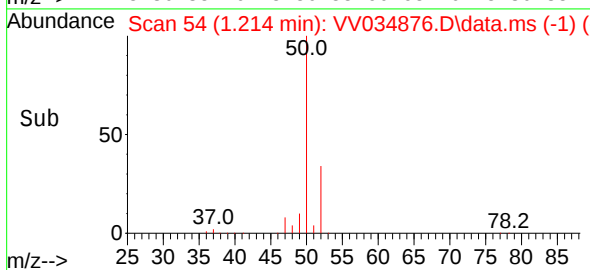
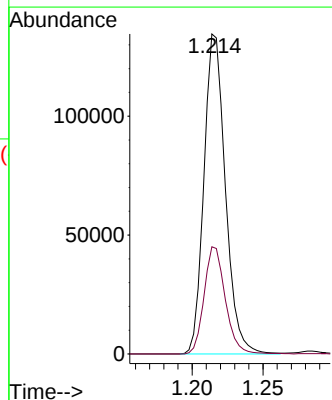
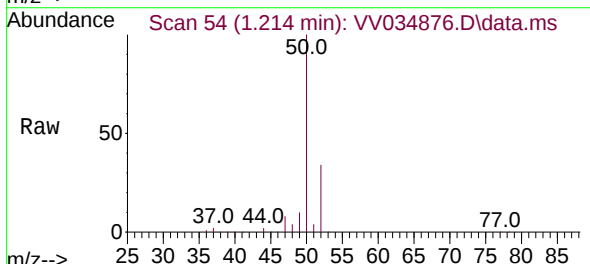
Instrument :
 MSVOA_V
 ClientSampleId :

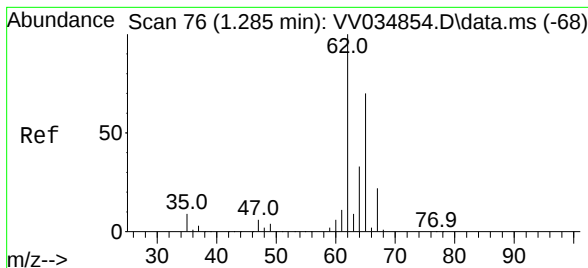
Tgt Ion: 85 Resp: 120743
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.7 38.5



#3
 Chloromethane
 Concen: 44.100 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV034876.D
 Acq: 27 Mar 2024 19:40

Tgt Ion: 50 Resp: 141748
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.8





#5

Vinyl chloride

Concen: 46.366 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

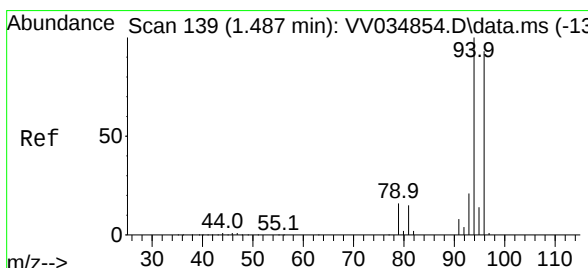
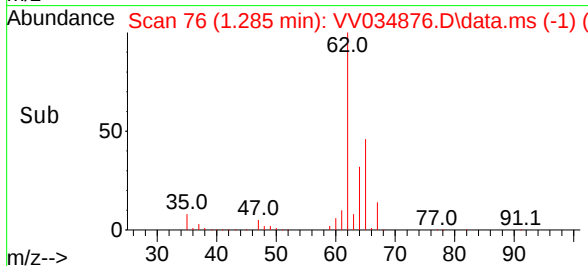
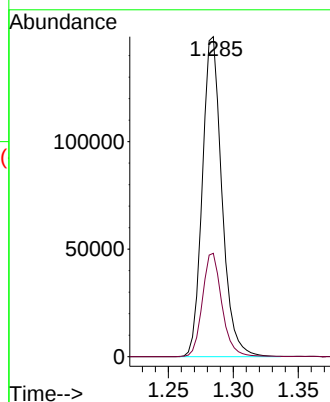
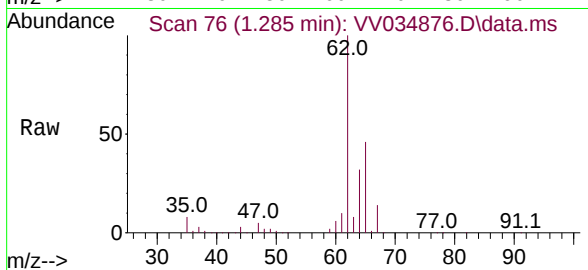
ClientSampleId :

Tgt Ion: 62 Resp: 156238

Ion Ratio Lower Upper

62 100

64 32.3 23.6 43.8



#6

Bromomethane

Concen: 50.146 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV034876.D

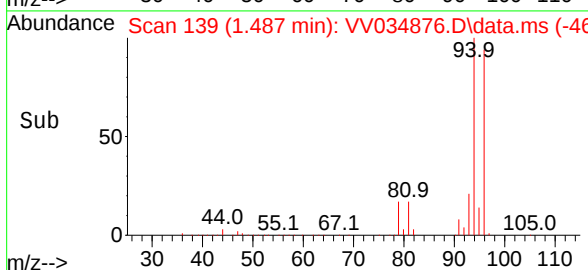
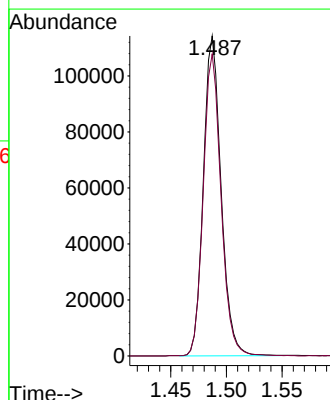
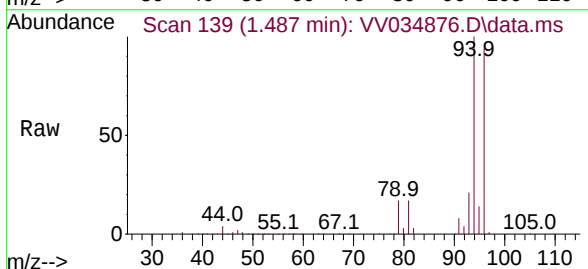
Acq: 27 Mar 2024 19:40

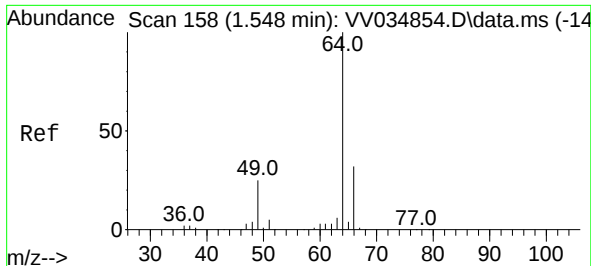
Tgt Ion: 94 Resp: 126661

Ion Ratio Lower Upper

94 100

96 94.3 66.3 123.1

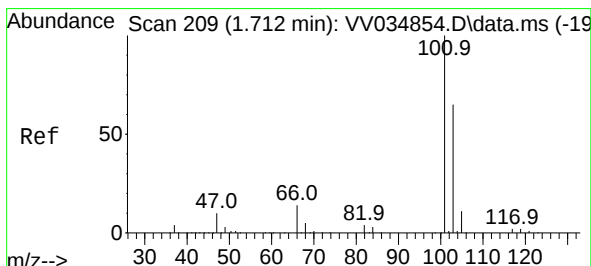
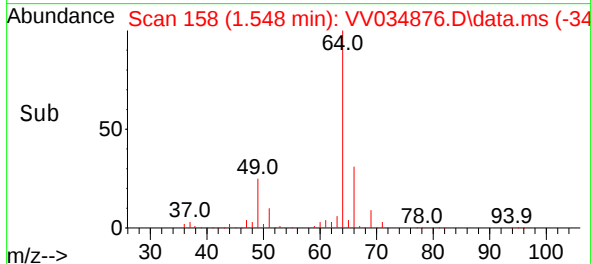
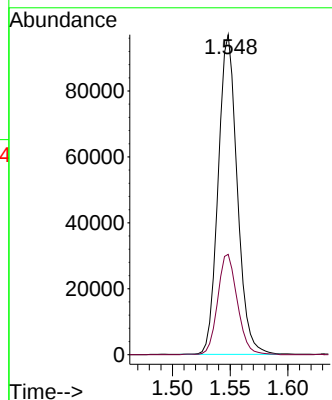
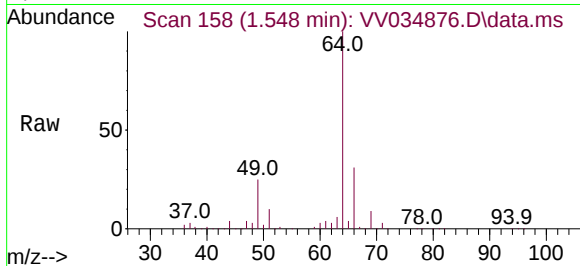




#8
Chloroethane
Concen: 48.201 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

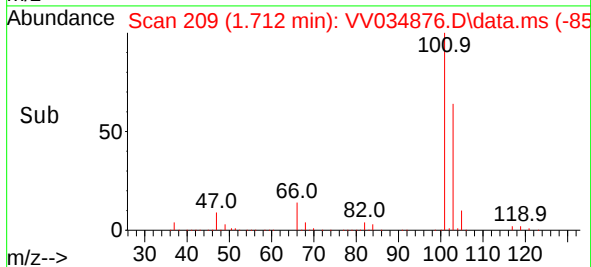
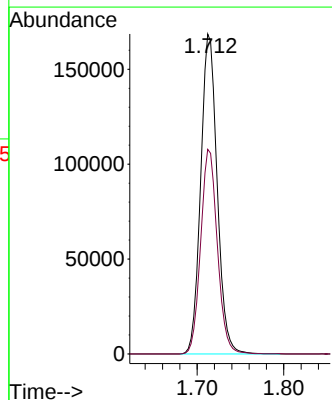
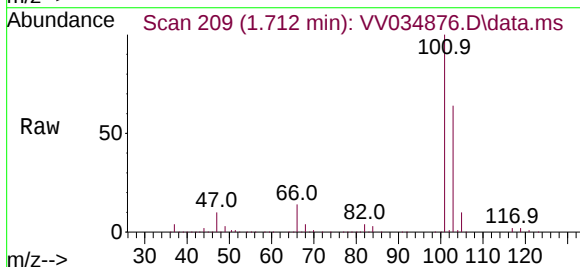
Instrument :
MSVOA_V
ClientSampleId :

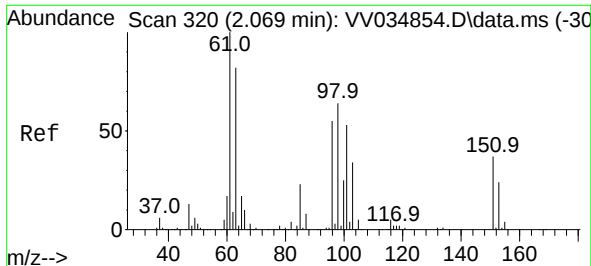
Tgt Ion: 64 Resp: 110927
Ion Ratio Lower Upper
64 100
66 31.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 50.454 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

Tgt Ion:101 Resp: 223140
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.483 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

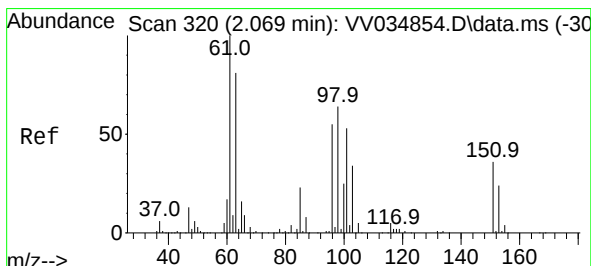
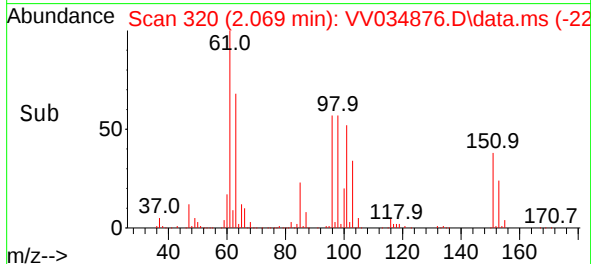
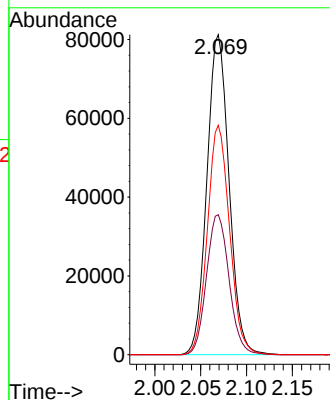
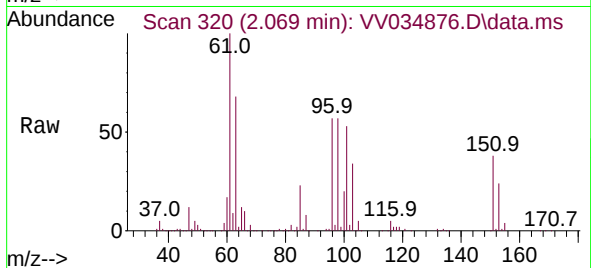
Tgt Ion:101 Resp: 136658

Ion Ratio Lower Upper

101 100

85 44.6 35.3 52.9

151 71.8 55.0 82.4



#12

1,1-Dichloroethene

Concen: 49.632 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

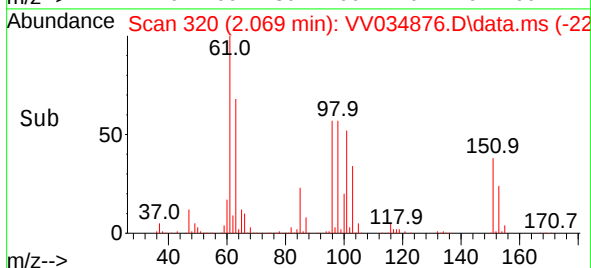
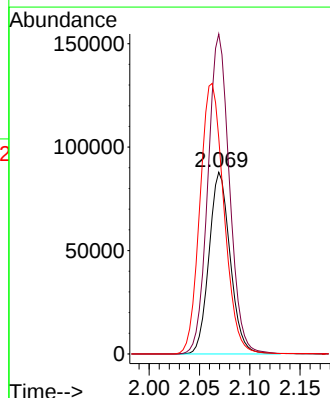
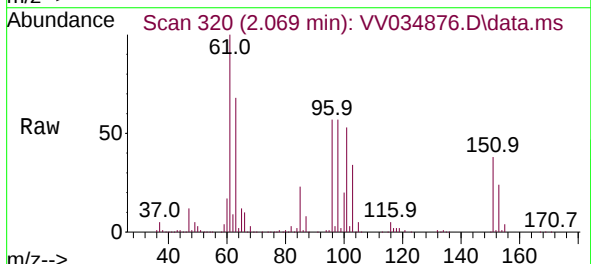
Tgt Ion: 96 Resp: 128496

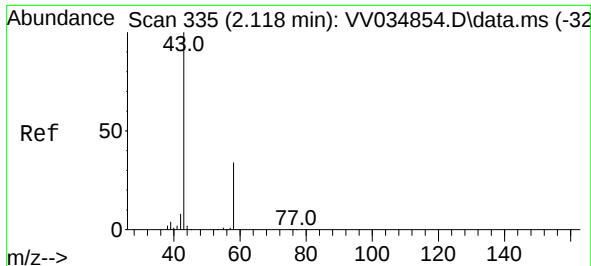
Ion Ratio Lower Upper

96 100

61 176.0 131.5 244.3

63 118.9 111.4 206.8





#13

Acetone

Concen: 78.073 ug/L

RT: 2.117 min Scan# 341

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

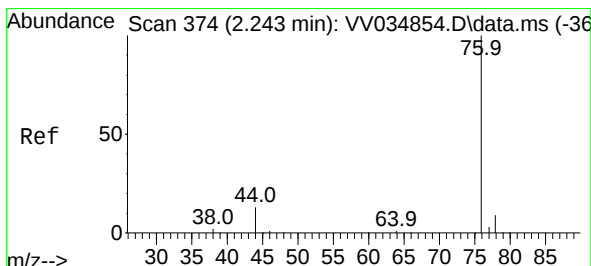
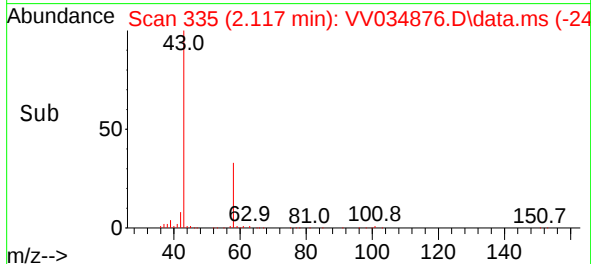
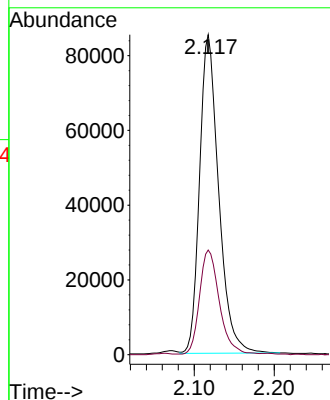
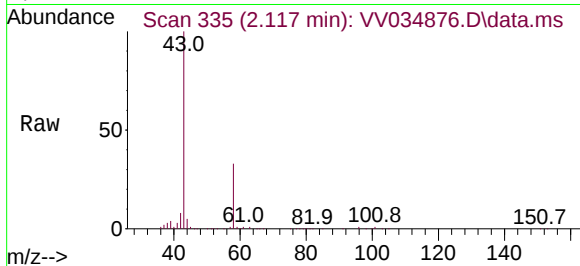
ClientSampleId :

Tgt Ion: 43 Resp: 141625

Ion Ratio Lower Upper

43 100

58 33.8 0.0 66.0



#14

Carbon disulfide

Concen: 43.204 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV034876.D

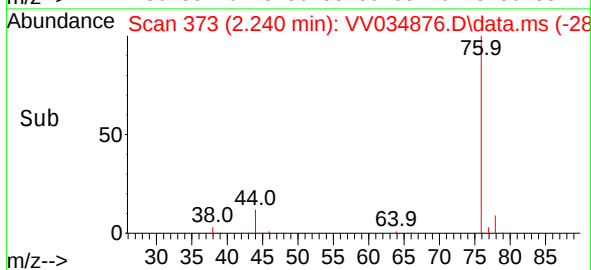
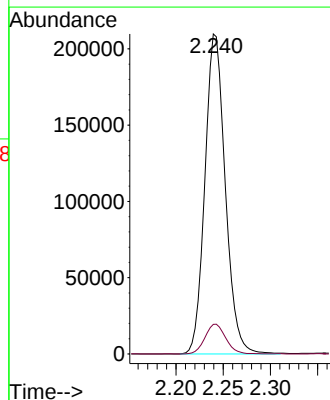
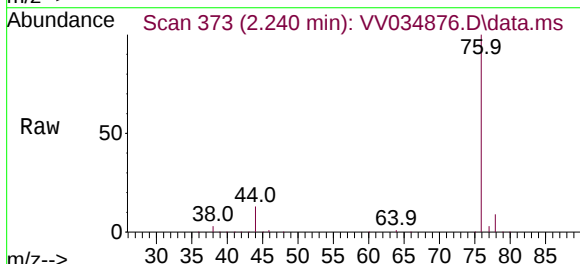
Acq: 27 Mar 2024 19:40

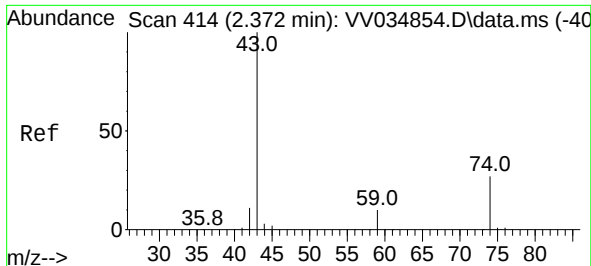
Tgt Ion: 76 Resp: 314992

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 47.207 ug/L

RT: 2.375 min Scan# 414

Delta R.T. 0.003 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

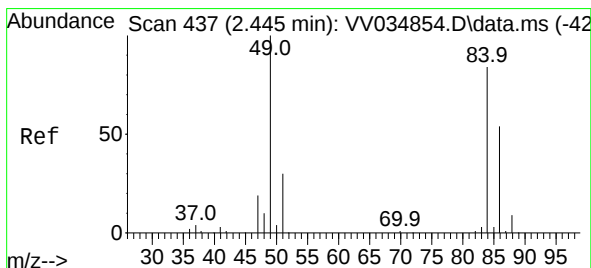
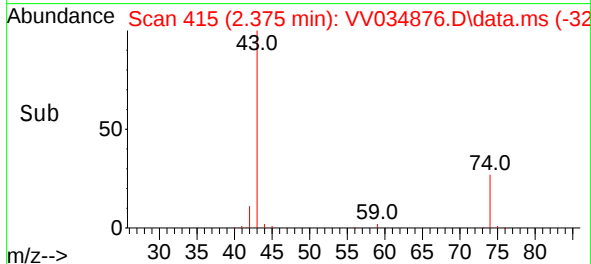
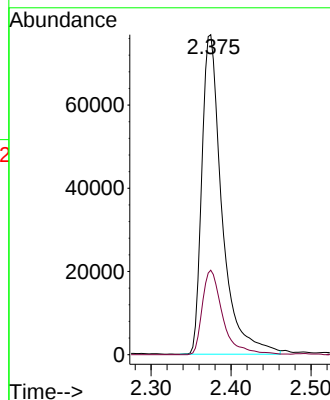
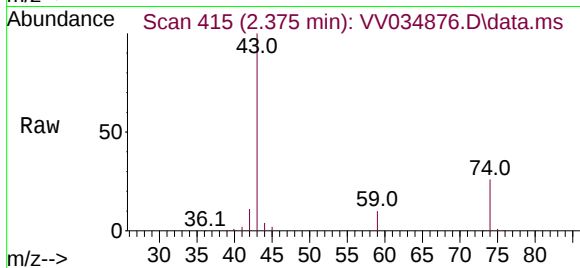
ClientSampleId :

Tgt Ion: 43 Resp: 134945

Ion Ratio Lower Upper

43 100

74 26.9 19.8 29.8



#16

Methylene chloride

Concen: 49.373 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

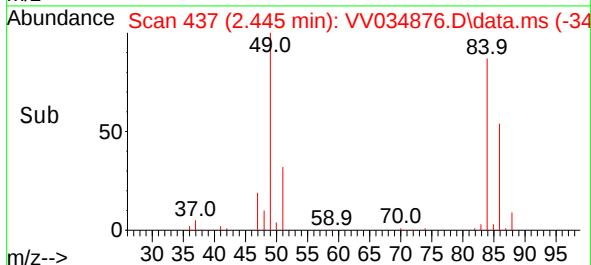
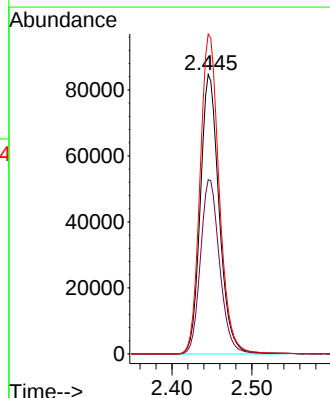
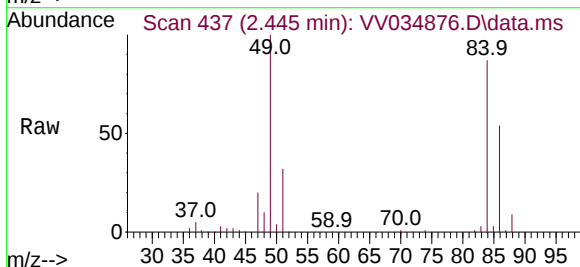
Tgt Ion: 84 Resp: 138506

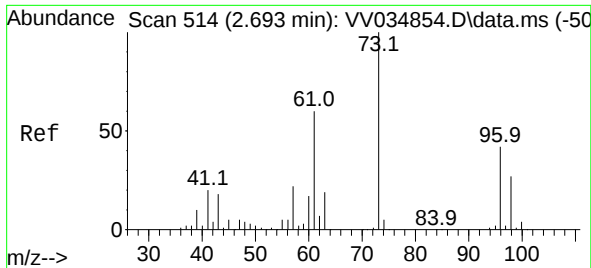
Ion Ratio Lower Upper

84 100

86 62.3 44.6 82.8

49 114.5 86.9 161.3

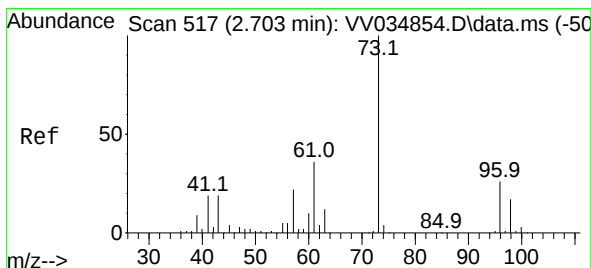
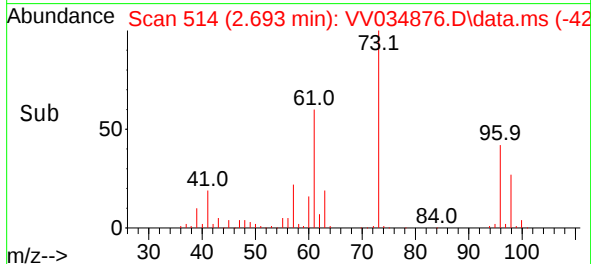
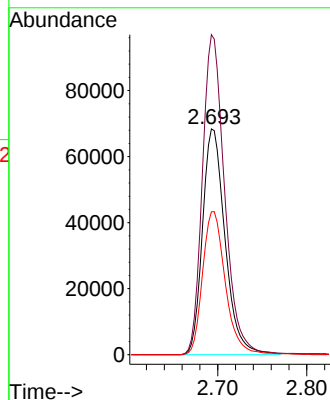
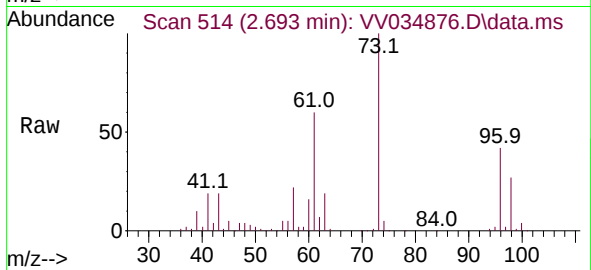




#17
trans-1,2-Dichloroethene
Concen: 48.058 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

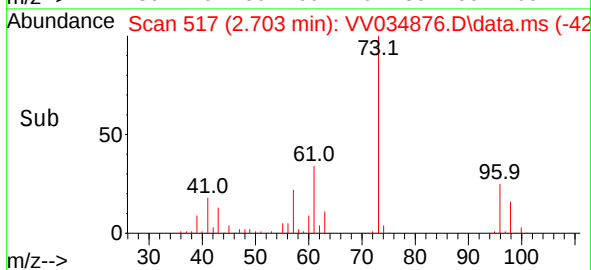
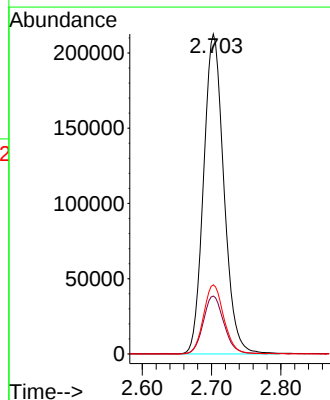
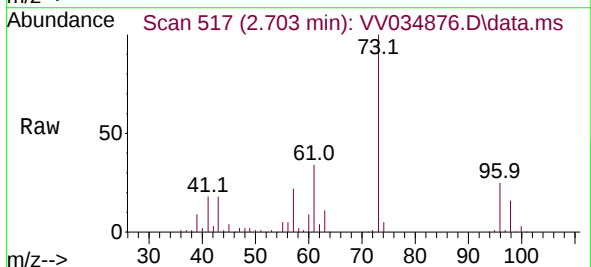
Instrument :
MSVOA_V
ClientSampleId :

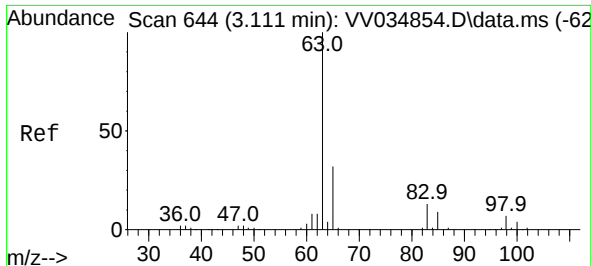
Tgt Ion: 96 Resp: 120293
Ion Ratio Lower Upper
96 100
61 141.7 99.0 183.8
98 63.3 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 49.183 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

Tgt Ion: 73 Resp: 432415
Ion Ratio Lower Upper
73 100
43 18.2 14.6 21.8
57 21.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 49.135 ug/L

RT: 3.111 min Scan# 644

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

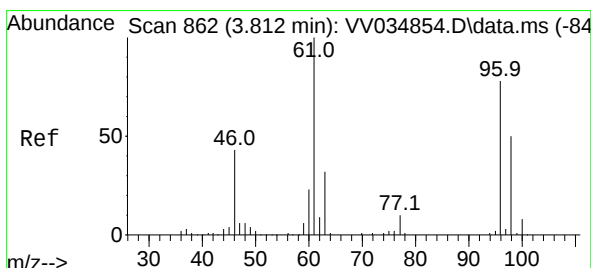
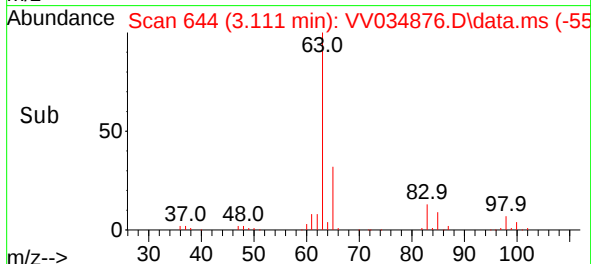
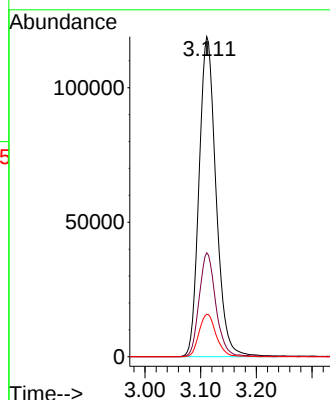
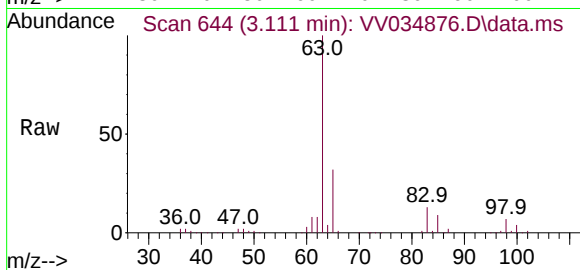
Tgt Ion: 63 Resp: 252211

Ion Ratio Lower Upper

63 100

65 32.4 23.0 42.6

83 13.2 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 50.010 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

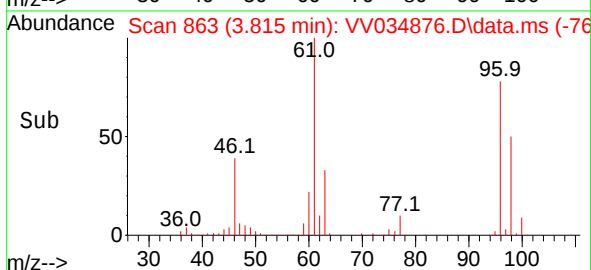
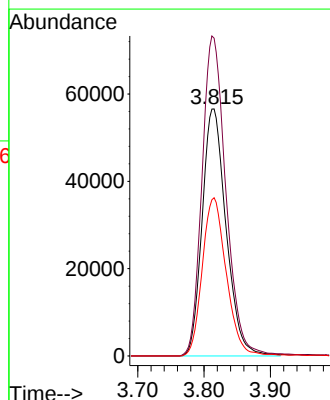
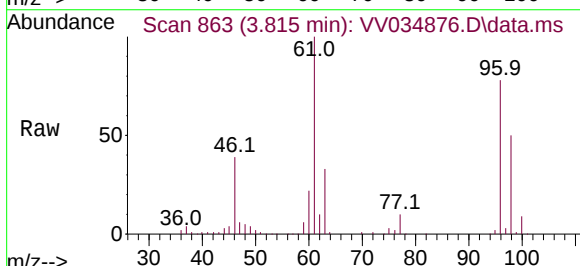
Tgt Ion: 96 Resp: 142146

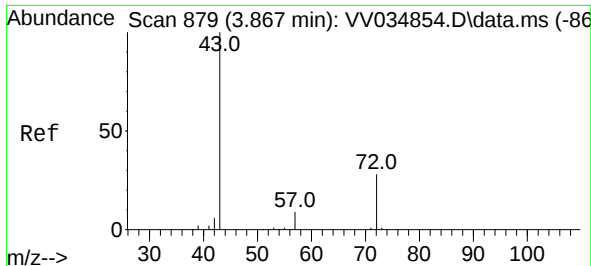
Ion Ratio Lower Upper

96 100

61 128.7 94.9 176.3

98 64.1 45.6 84.8





#22

2-Butanone

Concen: 86.157 ug/L

RT: 3.866 min Scan# 879

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

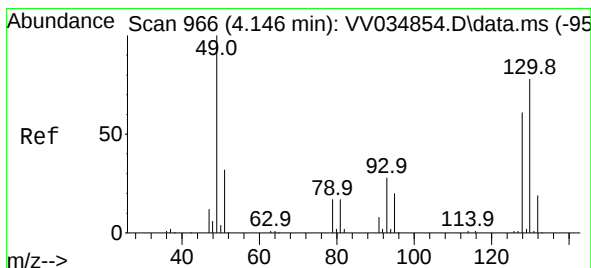
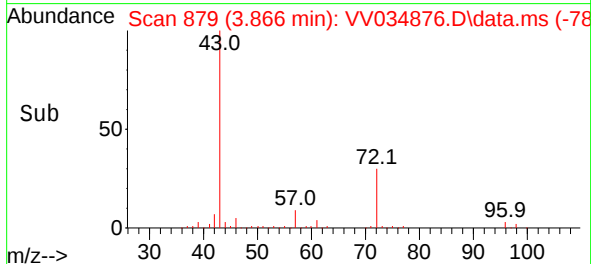
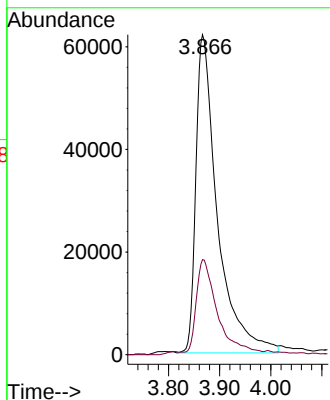
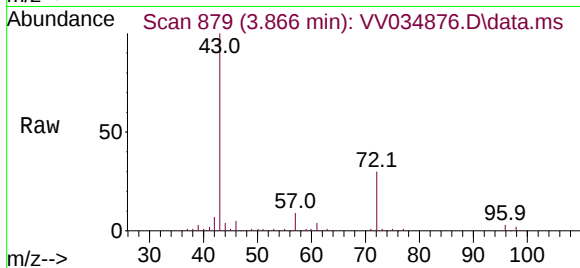
ClientSampleId :

Tgt Ion: 43 Resp: 181357

Ion Ratio Lower Upper

43 100

72 28.3 13.2 39.6



#23

Bromochloromethane

Concen: 51.662 ug/L

RT: 4.146 min Scan# 966

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Tgt Ion:128 Resp: 73468

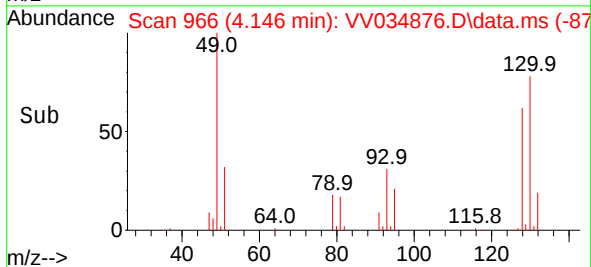
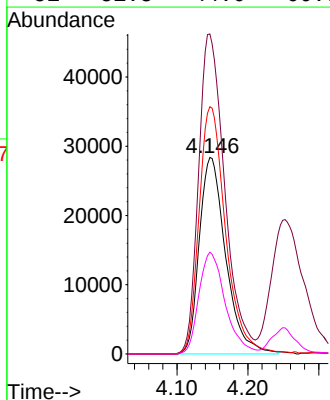
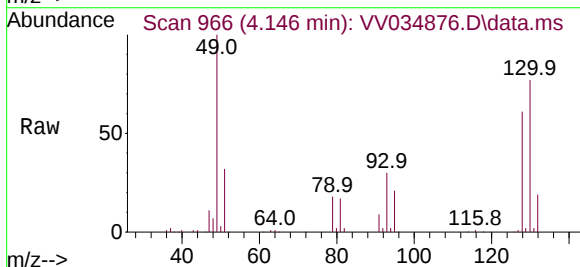
Ion Ratio Lower Upper

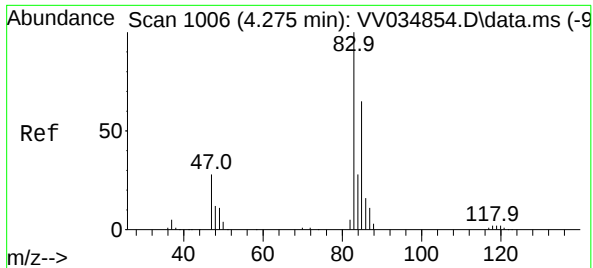
128 100

49 162.9 123.8 229.8

130 125.9 93.2 173.0

51 51.8 44.0 66.0





#25

Chloroform

Concen: 50.661 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

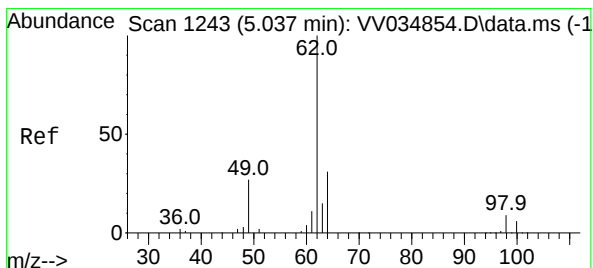
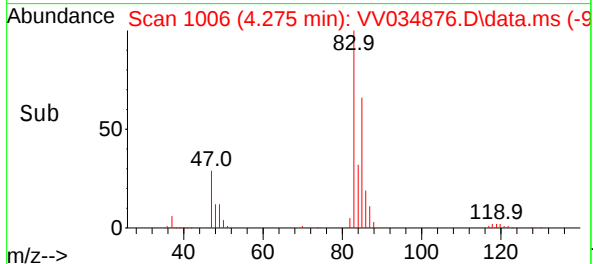
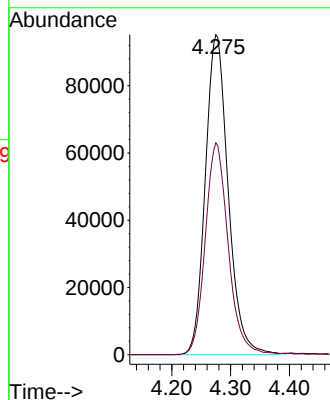
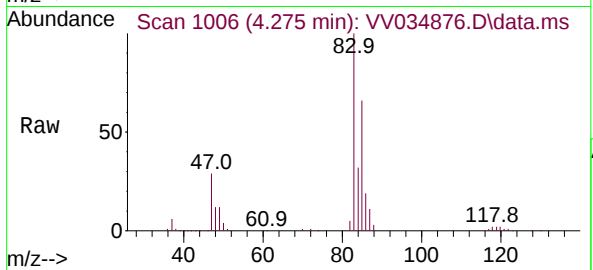
ClientSampleId :

Tgt Ion: 83 Resp: 257100

Ion Ratio Lower Upper

83 100

85 66.2 46.0 85.4



#27

1,2-Dichloroethane

Concen: 50.083 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV034876.D

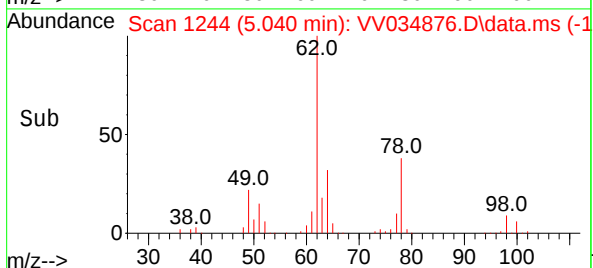
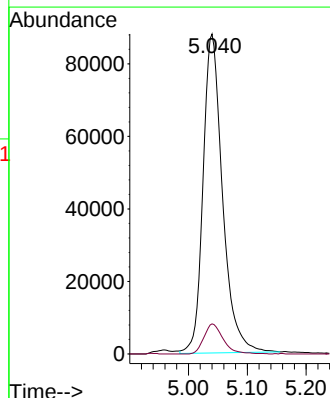
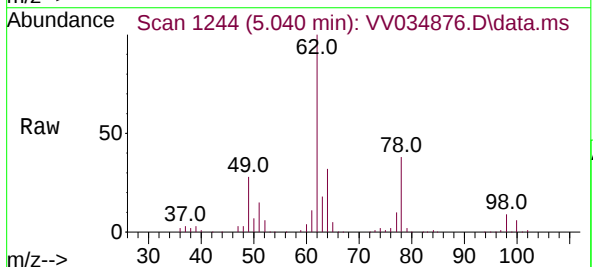
Acq: 27 Mar 2024 19:40

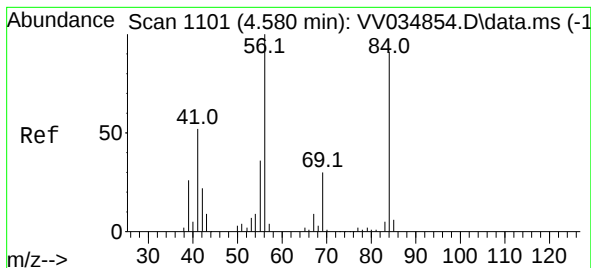
Tgt Ion: 62 Resp: 202366

Ion Ratio Lower Upper

62 100

98 9.4 7.2 10.8





#29

Cyclohexane

Concen: 45.224 ug/L

RT: 4.583 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

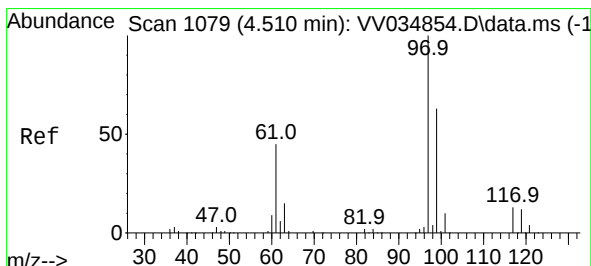
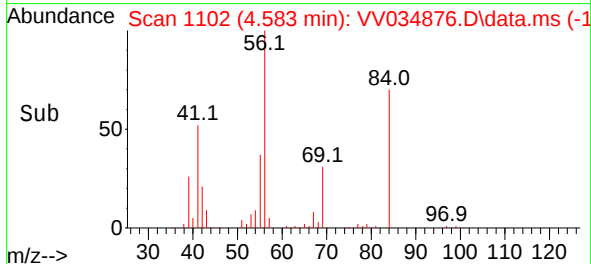
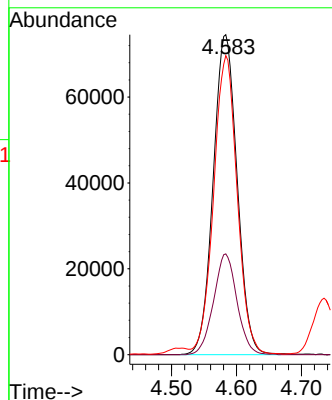
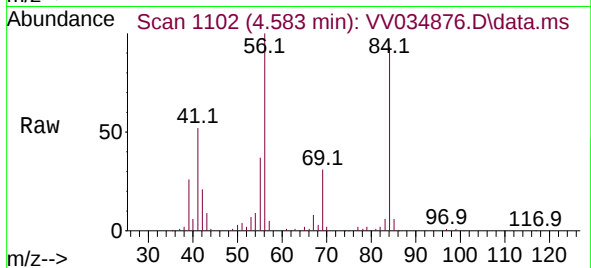
Tgt Ion: 56 Resp: 190288

Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.2

84 91.1 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 49.856 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

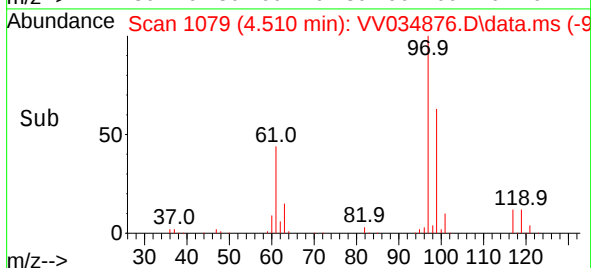
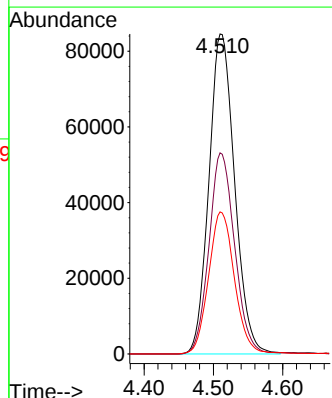
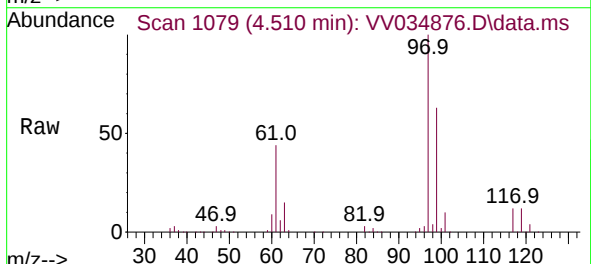
Tgt Ion: 97 Resp: 218323

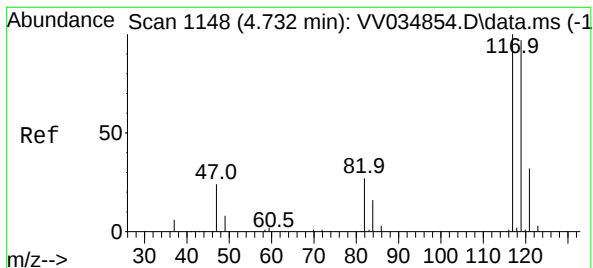
Ion Ratio Lower Upper

97 100

99 62.7 51.0 76.4

61 44.6 36.8 55.2





#31

Carbon tetrachloride

Concen: 49.628 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

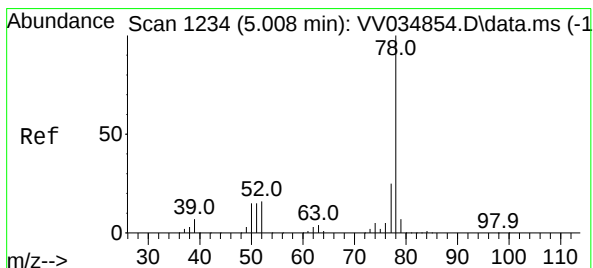
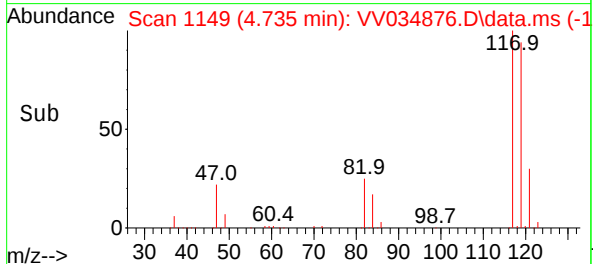
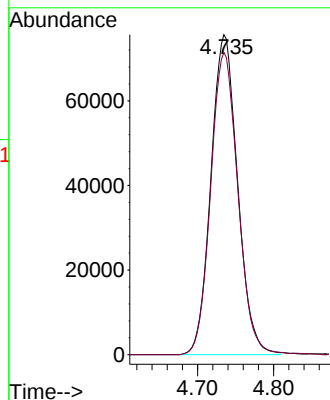
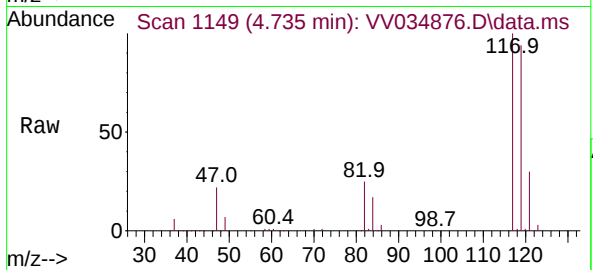
ClientSampleId :

Tgt Ion:117 Resp: 184203

Ion Ratio Lower Upper

117 100

119 96.2 77.1 115.7



#33

Benzene

Concen: 48.241 ug/L

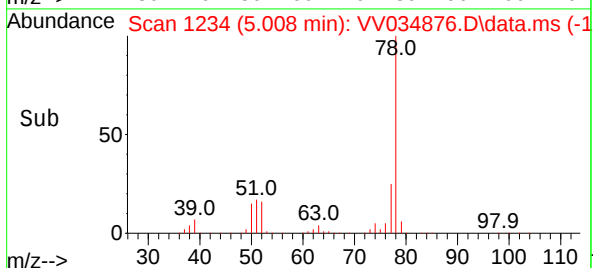
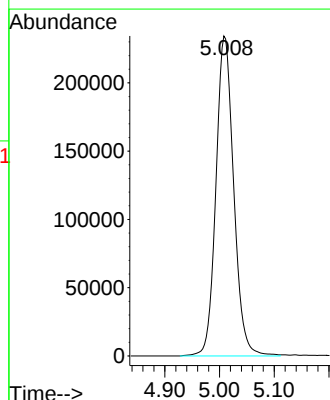
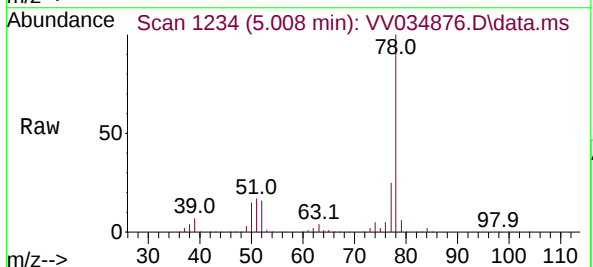
RT: 5.008 min Scan# 1234

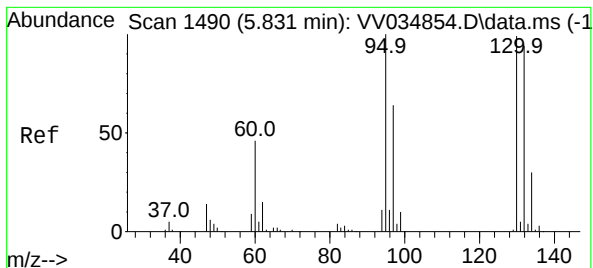
Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Tgt Ion: 78 Resp: 528471





#34

Trichloroethene

Concen: 47.096 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 139236

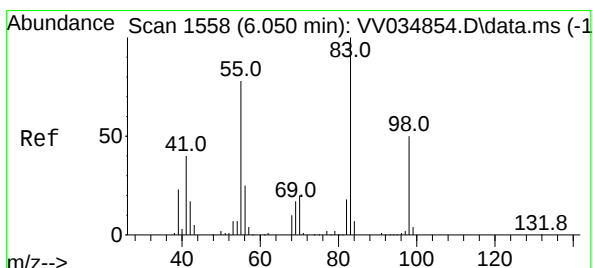
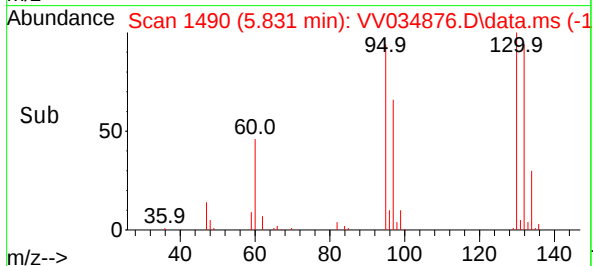
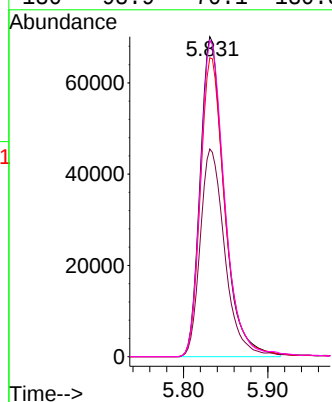
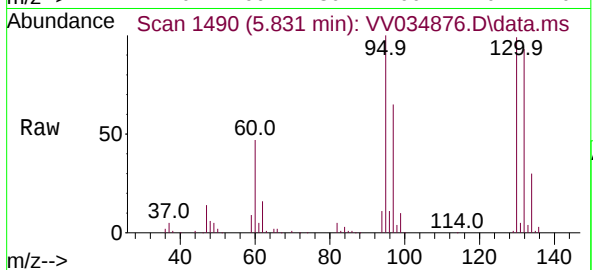
Ion Ratio Lower Upper

95 100

97 64.9 45.3 84.1

132 93.4 65.3 121.3

130 98.9 70.1 130.3



#35

Methylcyclohexane

Concen: 47.229 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

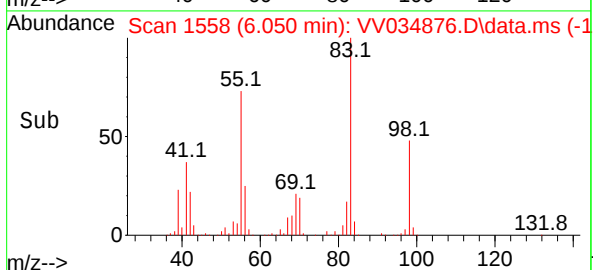
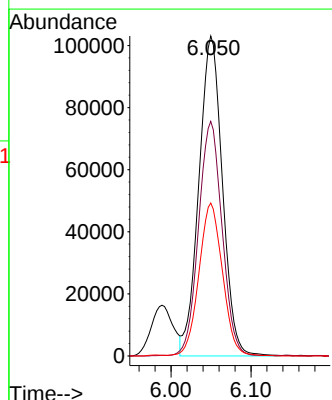
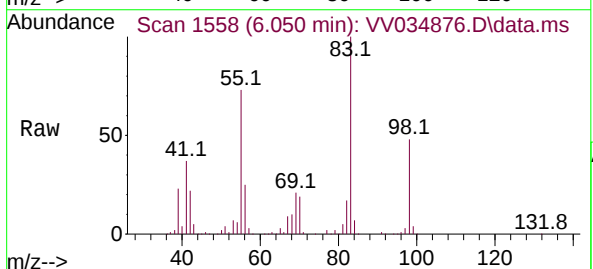
Tgt Ion: 83 Resp: 210877

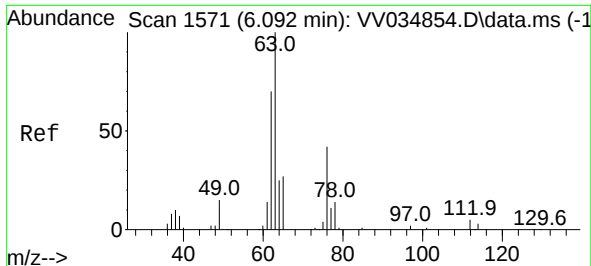
Ion Ratio Lower Upper

83 100

55 73.0 60.0 90.0

98 47.6 37.6 56.4

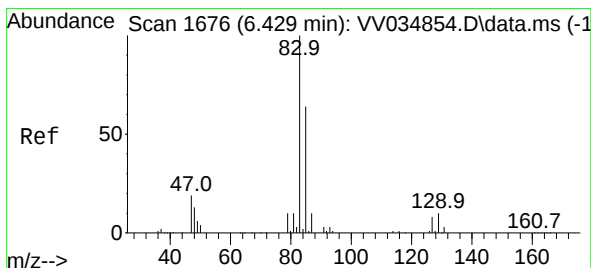
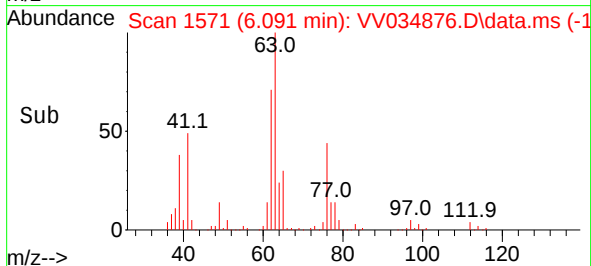
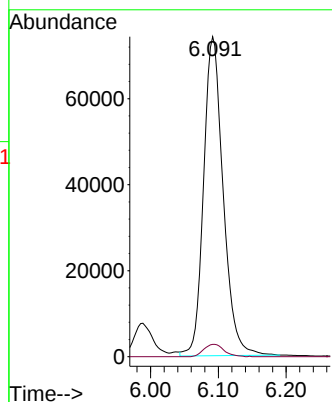
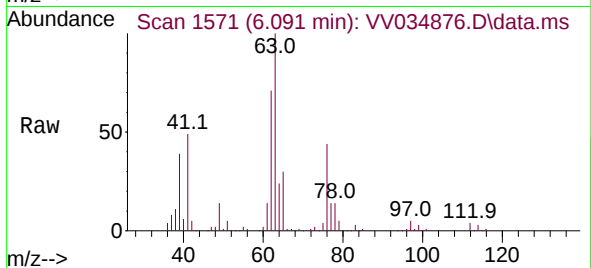




#37
1,2-Dichloropropane
Concen: 49.159 ug/L
RT: 6.091 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

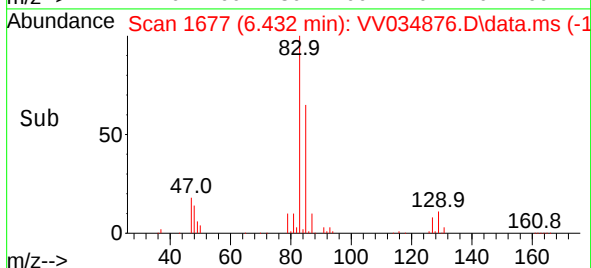
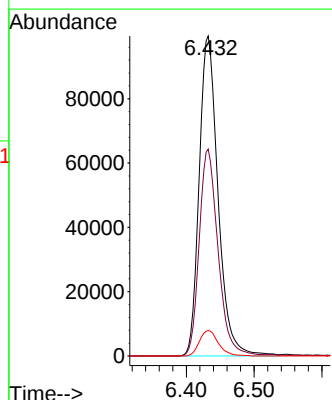
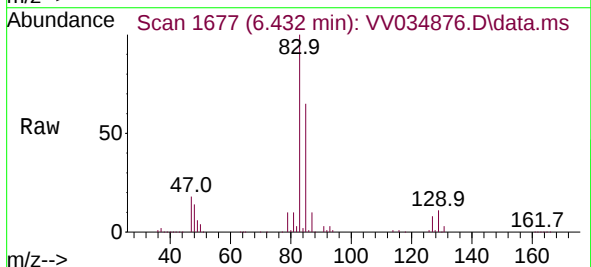
Instrument :
MSVOA_V
ClientSampleId :

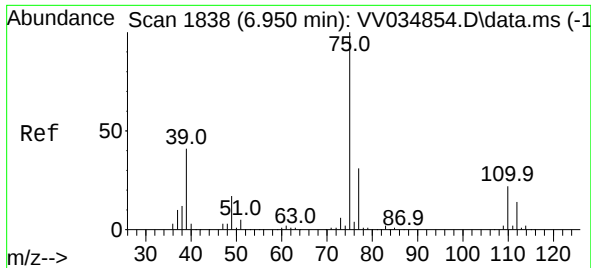
Tgt Ion: 63 Resp: 148824
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 49.329 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

Tgt Ion: 83 Resp: 192683
Ion Ratio Lower Upper
83 100
85 64.7 43.7 81.1
127 7.9 6.4 9.6

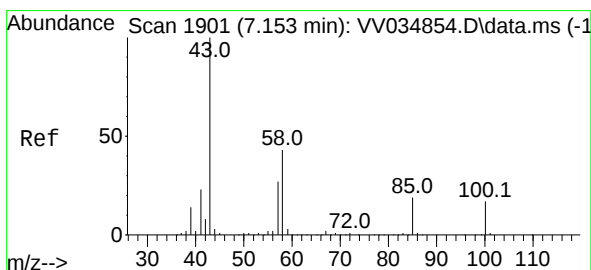
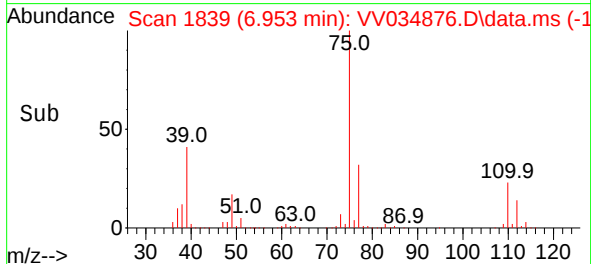
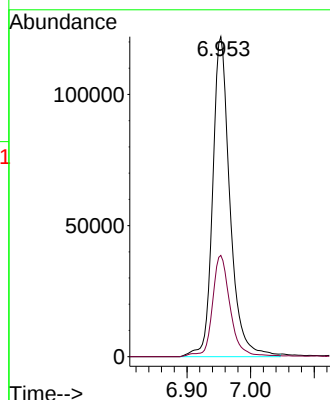
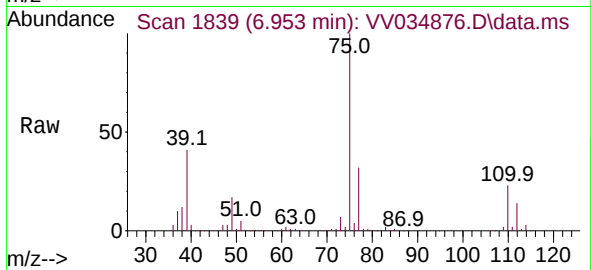




#39
 cis-1,3-Dichloropropene
 Concen: 48.424 ug/L
 RT: 6.953 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV034876.D
 Acq: 27 Mar 2024 19:40

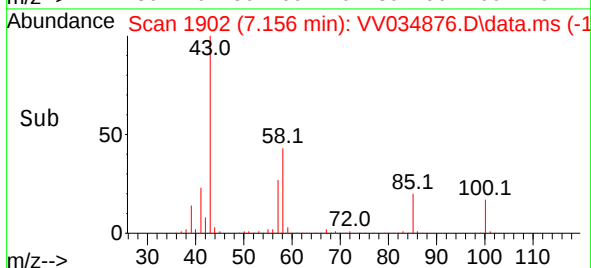
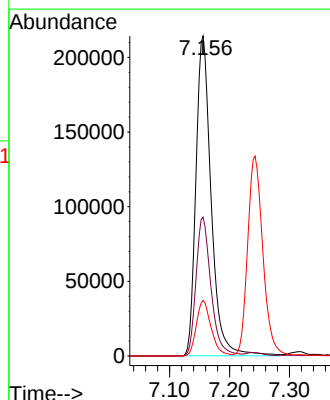
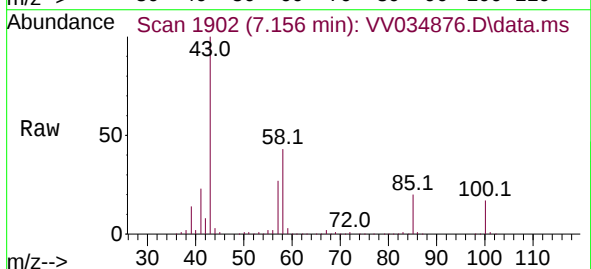
Instrument :
 MSVOA_V
 ClientSampleId :

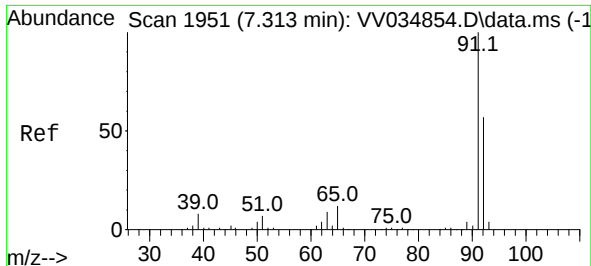
Tgt Ion: 75 Resp: 230940
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 98.339 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV034876.D
 Acq: 27 Mar 2024 19:40

Tgt Ion: 43 Resp: 380109
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.8 50.8
 100 16.8 13.0 19.4





#42

Toluene

Concen: 49.706 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

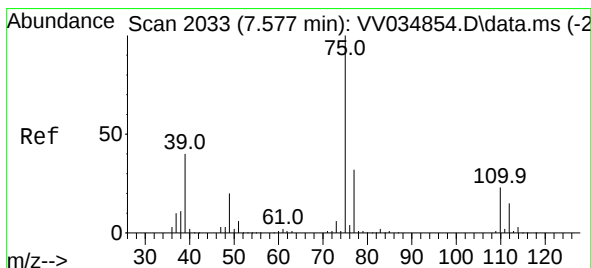
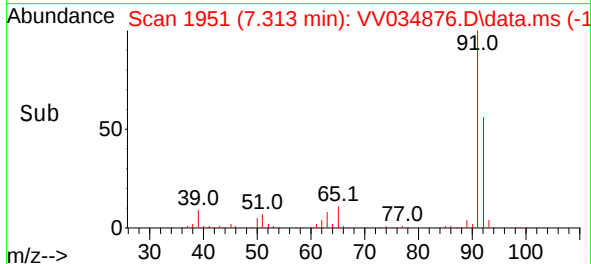
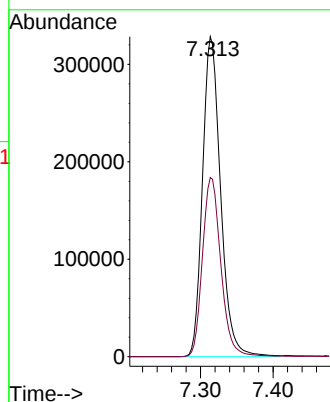
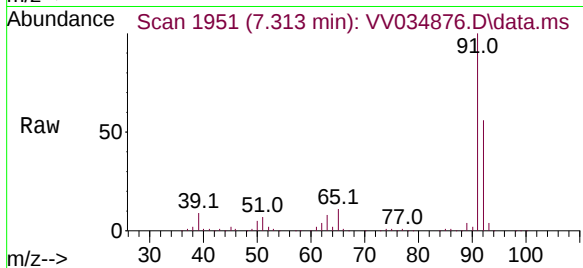
ClientSampleId :

Tgt Ion: 91 Resp: 570079

Ion Ratio Lower Upper

91 100

92 56.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 48.855 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034876.D

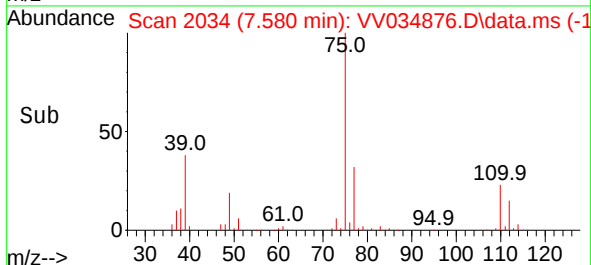
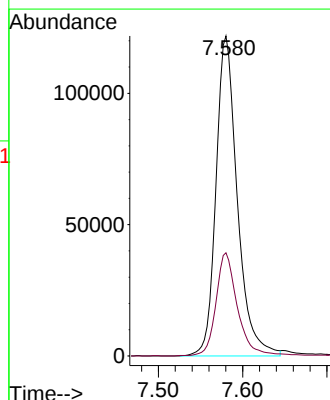
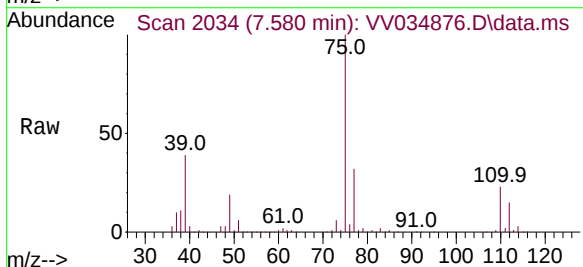
Acq: 27 Mar 2024 19:40

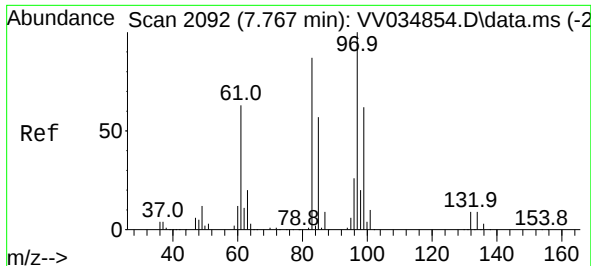
Tgt Ion: 75 Resp: 214057

Ion Ratio Lower Upper

75 100

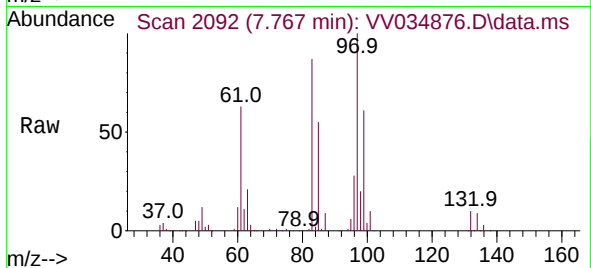
77 32.3 21.7 40.3



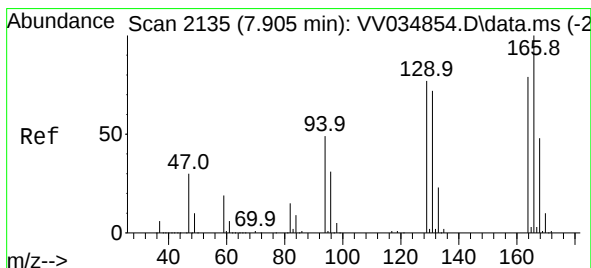
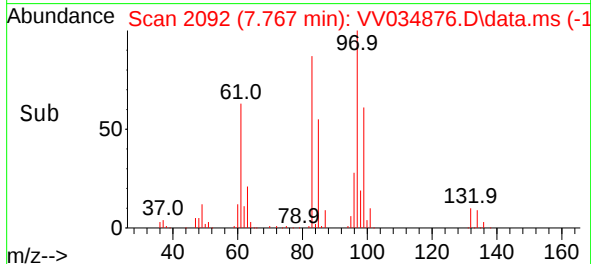
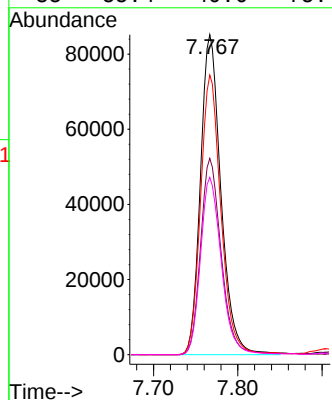


#45
1,1,2-Trichloroethane
Concen: 50.601 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

Instrument :
MSVOA_V
ClientSampleId :

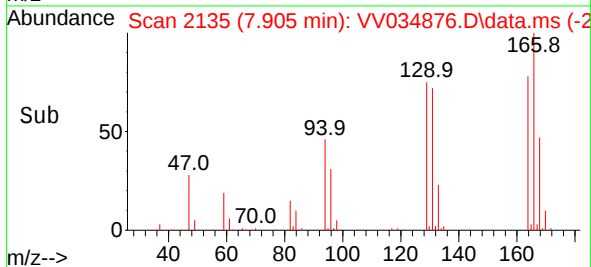
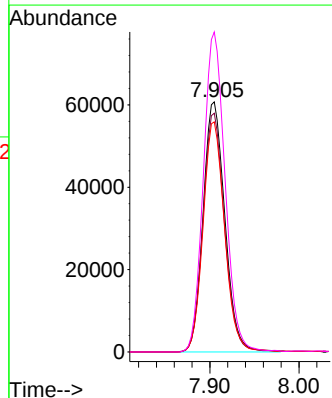
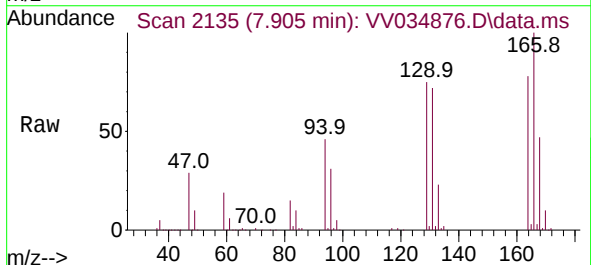


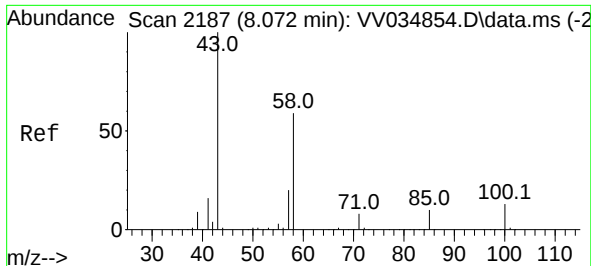
Tgt Ion:	97	Resp:	144388
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.3	80.3
83	87.4	61.6	114.4
85	55.4	40.6	75.4



#46
Tetrachloroethene
Concen: 49.966 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

Tgt Ion:	164	Resp:	103205
Ion	Ratio	Lower	Upper
164	100		
129	95.5	68.6	127.4
131	92.0	65.7	122.1
166	128.0	89.0	165.2





#48

2-Hexanone

Concen: 89.174 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

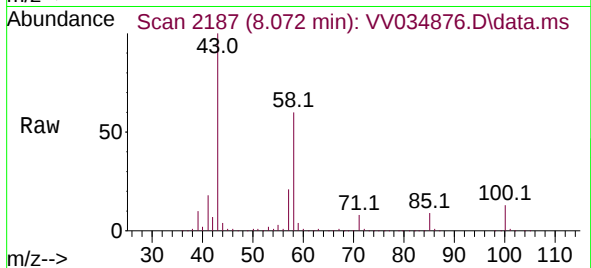
Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 293155

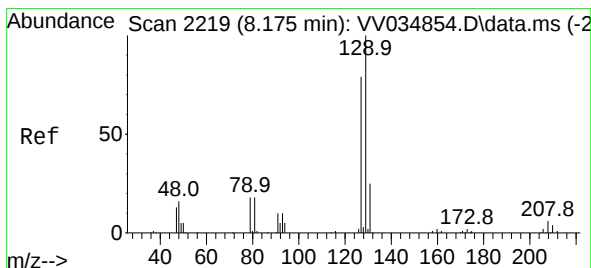
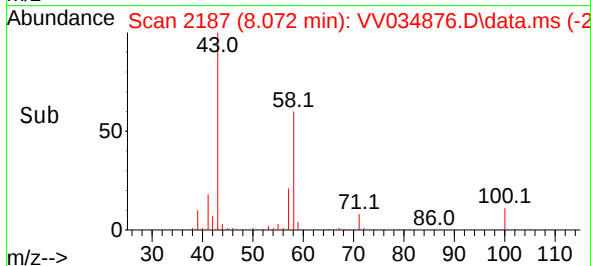
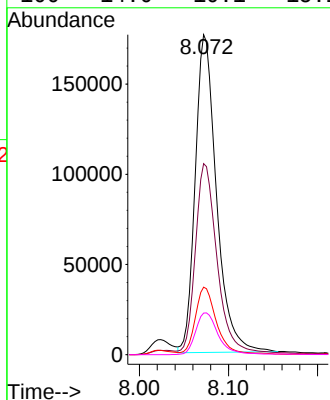
Ion Ratio Lower Upper

43 100

58 61.4 45.4 68.2

57 21.3 16.2 24.4

100 14.0 10.1 15.1



#49

Dibromochloromethane

Concen: 50.544 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV034876.D

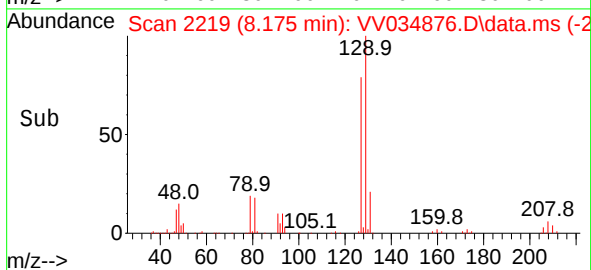
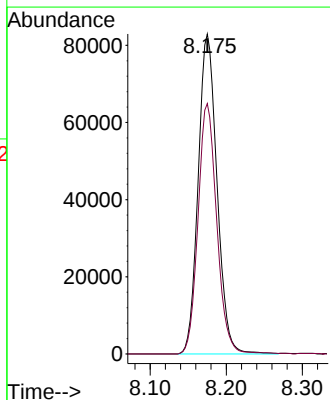
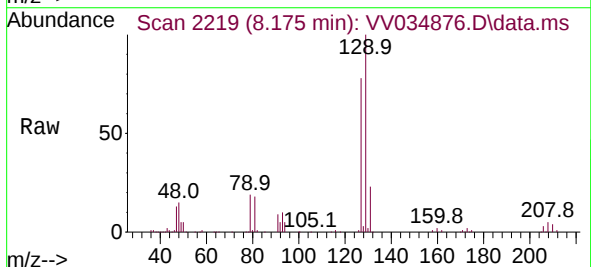
Acq: 27 Mar 2024 19:40

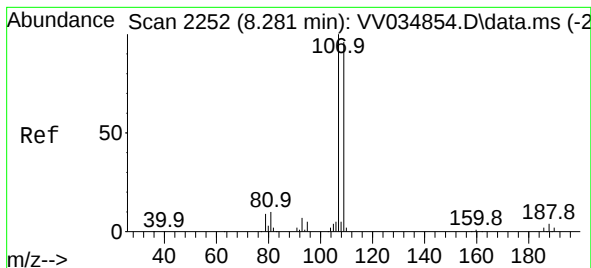
Tgt Ion:129 Resp: 142845

Ion Ratio Lower Upper

129 100

127 78.3 54.1 100.5





#50

1,2-Dibromoethane

Concen: 50.252 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

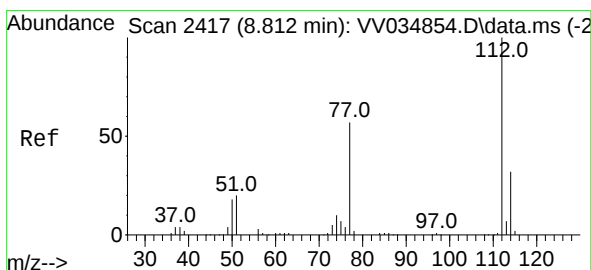
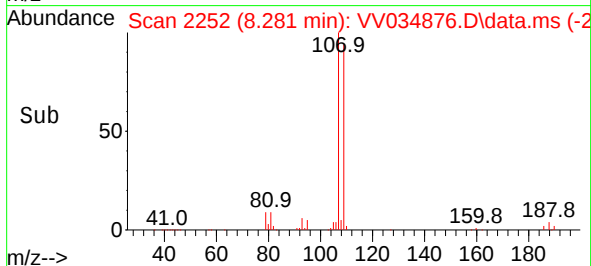
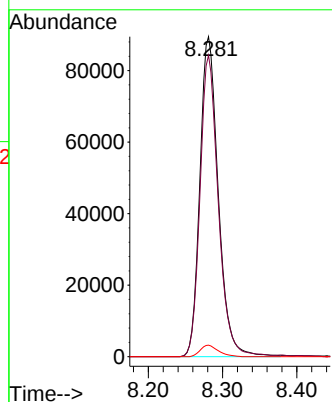
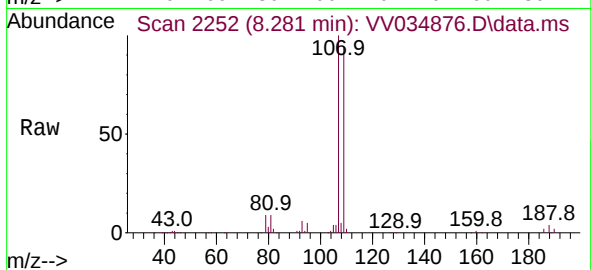
Tgt Ion:107 Resp: 154377

Ion Ratio Lower Upper

107 100

109 94.2 64.5 119.9

188 3.7 2.8 4.2



#51

Chlorobenzene

Concen: 49.802 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

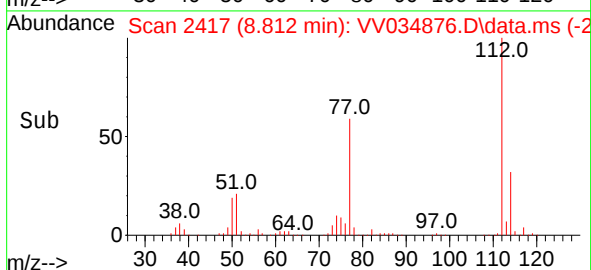
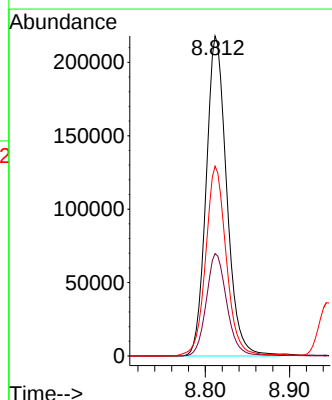
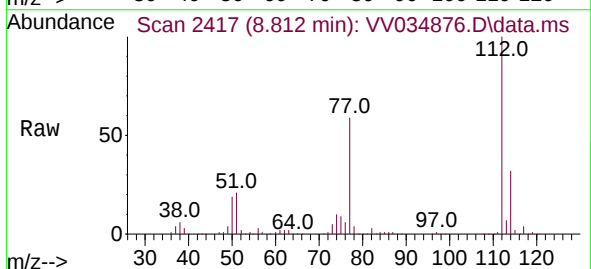
Tgt Ion:112 Resp: 370194

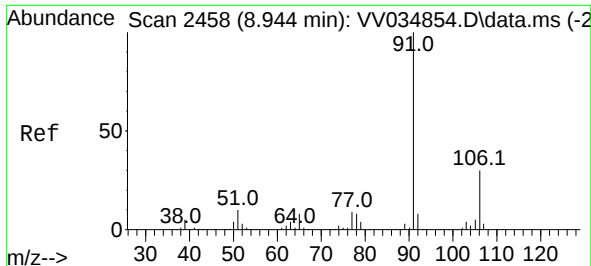
Ion Ratio Lower Upper

112 100

114 32.0 22.0 41.0

77 59.3 47.4 71.2





#52

Ethylbenzene

Concen: 50.066 ug/L

RT: 8.943 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

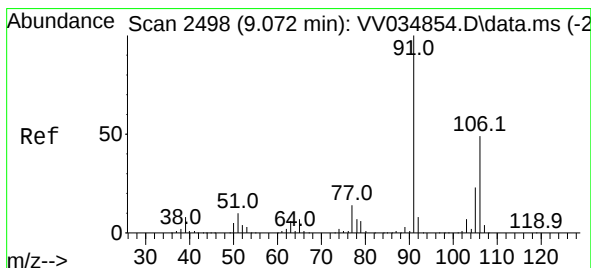
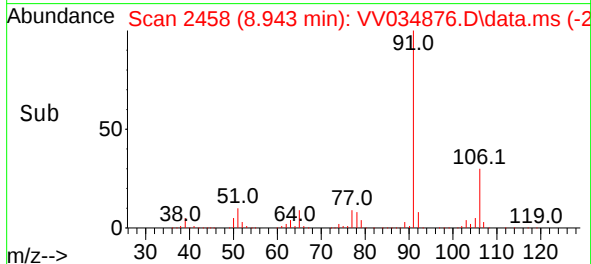
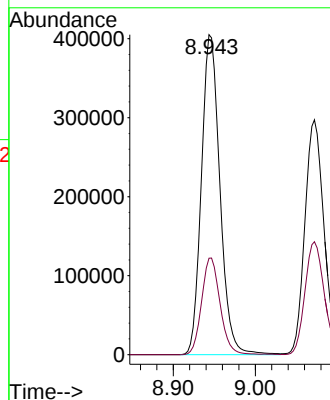
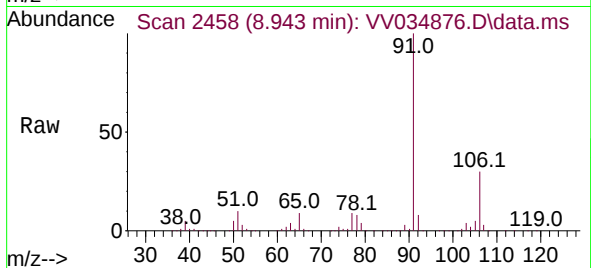
ClientSampleId :

Tgt Ion: 91 Resp: 636388

Ion Ratio Lower Upper

91 100

106 30.2 21.3 39.5



#53

m,p-Xylene

Concen: 50.312 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV034876.D

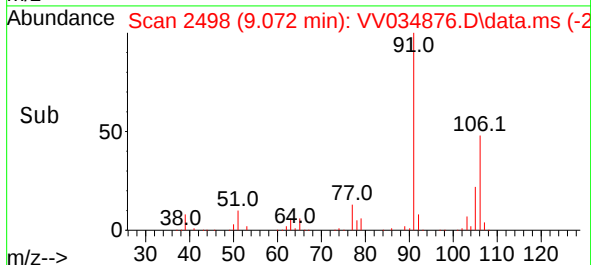
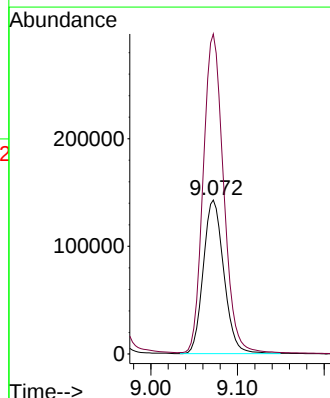
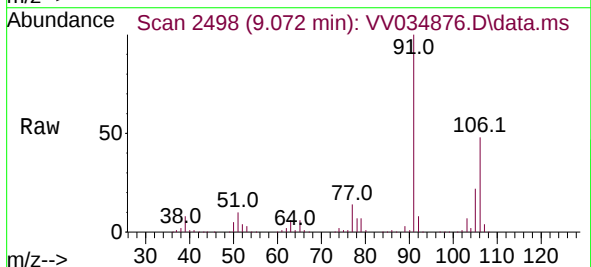
Acq: 27 Mar 2024 19:40

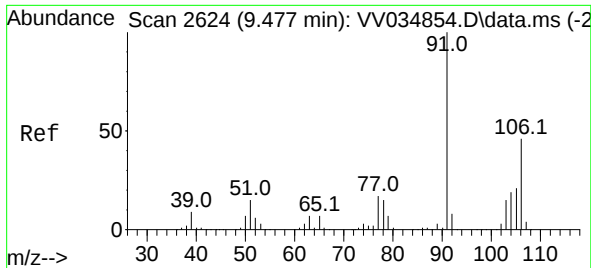
Tgt Ion:106 Resp: 235508

Ion Ratio Lower Upper

106 100

91 207.9 144.8 269.0

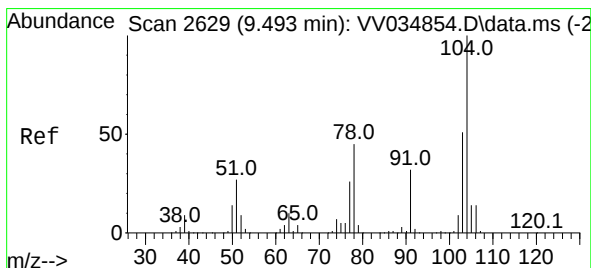
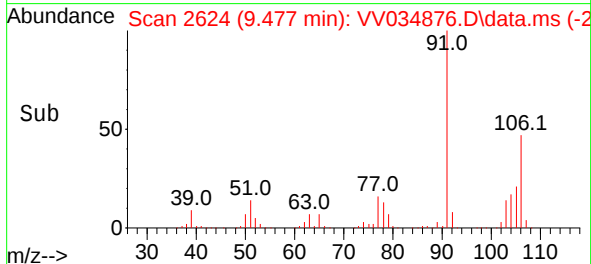
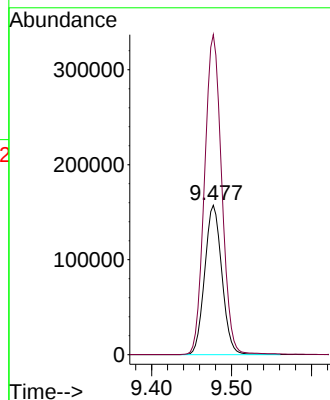
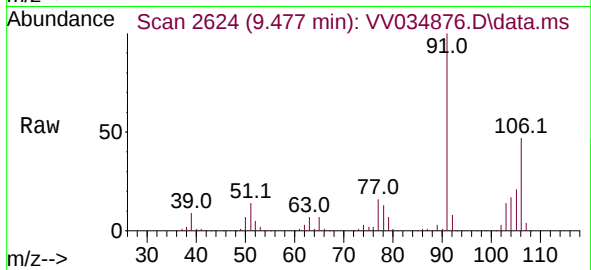




#54
o-Xylene
Concen: 50.853 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

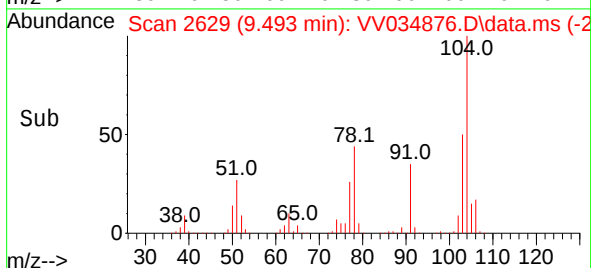
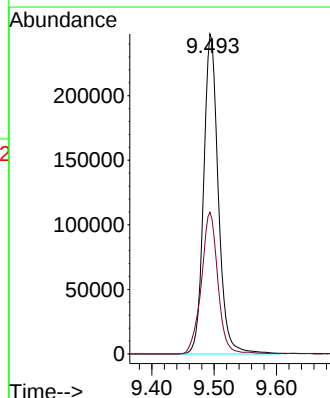
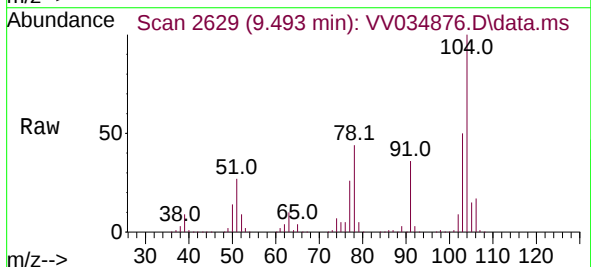
Instrument :
MSVOA_V
ClientSampleId :

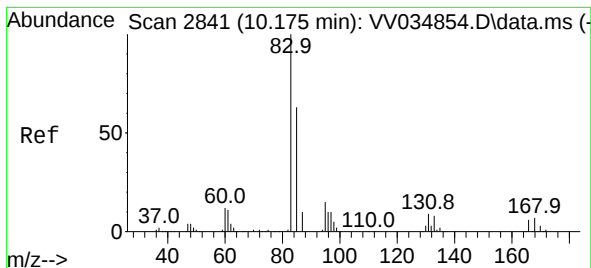
Tgt Ion:106 Resp: 235527
Ion Ratio Lower Upper
106 100
91 214.1 151.3 280.9



#55
Styrene
Concen: 51.913 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

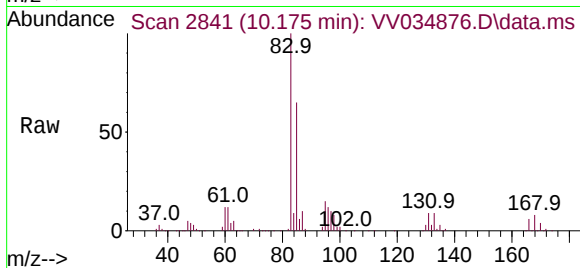
Tgt Ion:104 Resp: 406310
Ion Ratio Lower Upper
104 100
78 44.3 31.5 58.5



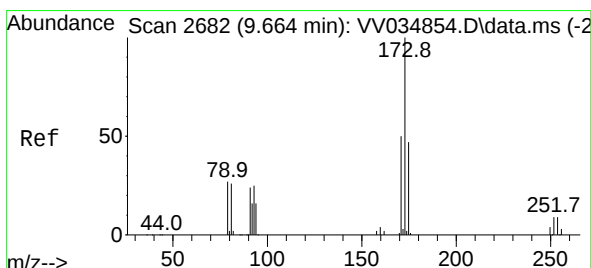
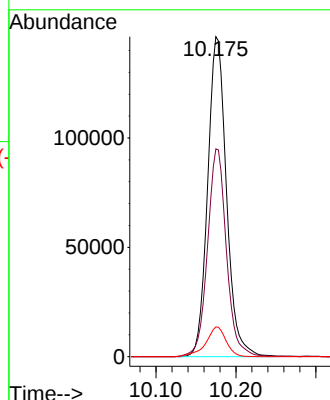
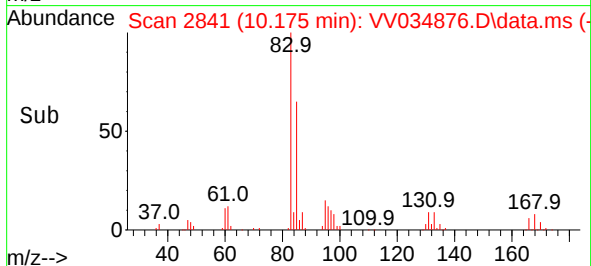


#57
1,1,2,2-Tetrachloroethane
Concen: 51.790 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

Instrument :
MSVOA_V
ClientSampleId :

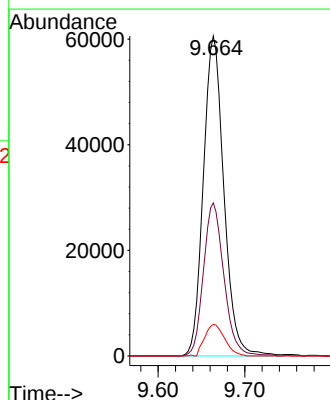
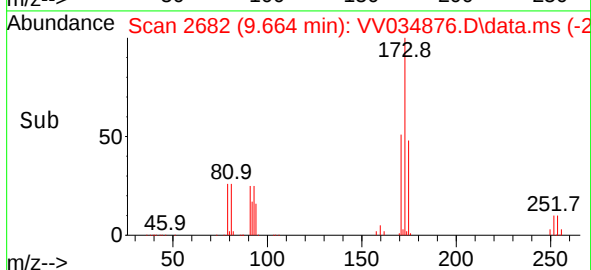
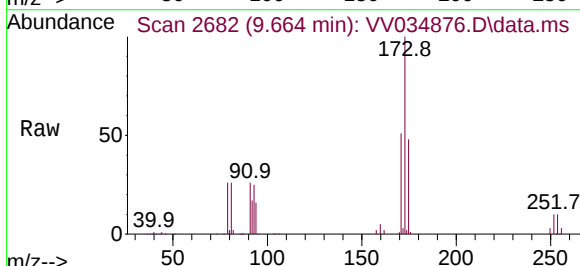


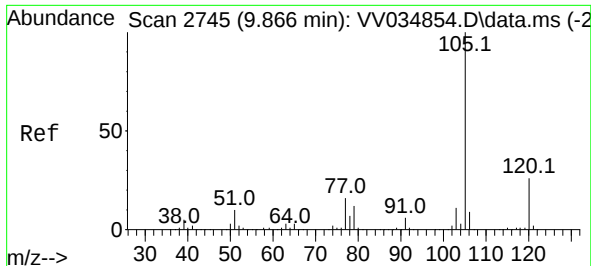
Tgt Ion: 83 Resp: 239439
Ion Ratio Lower Upper
83 100
85 64.9 44.5 82.7
131 9.3 6.9 10.3



#59
Bromoform
Concen: 48.976 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

Tgt Ion: 173 Resp: 99888
Ion Ratio Lower Upper
173 100
175 47.5 39.3 58.9
254 9.6 7.5 11.3

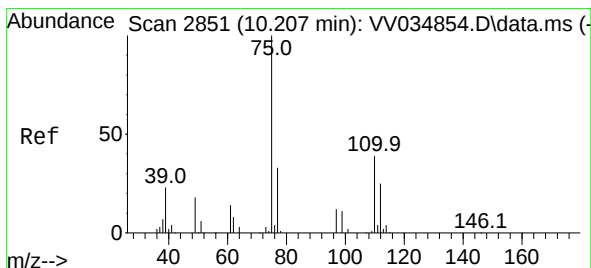
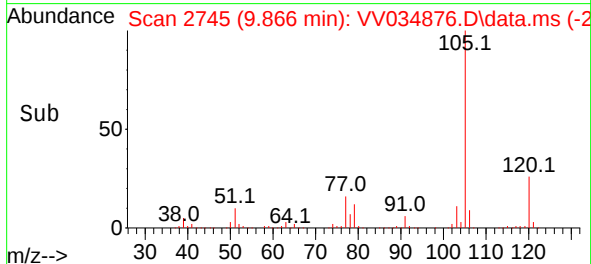
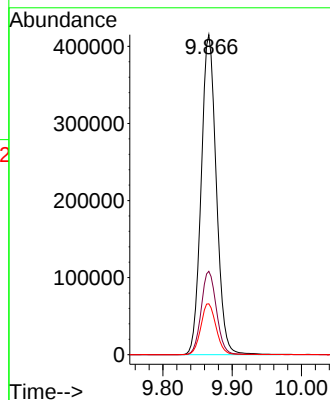
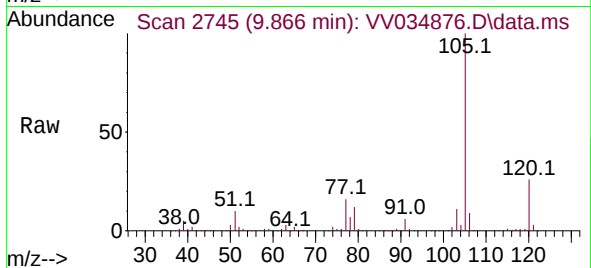




#60
Isopropylbenzene
Concen: 49.113 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. -0.000 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

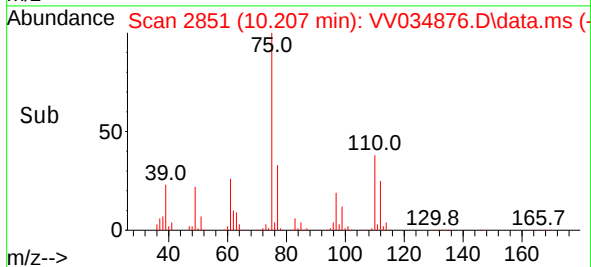
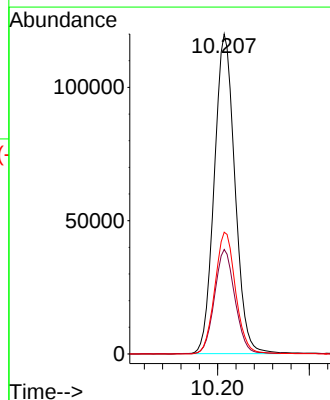
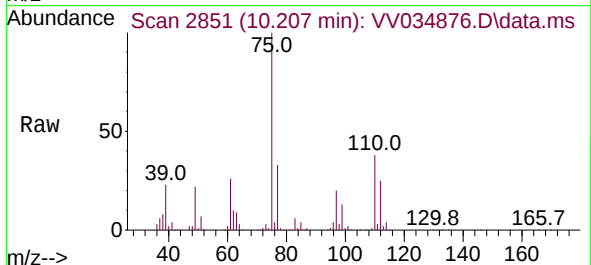
Instrument :
MSVOA_V
ClientSampleId :

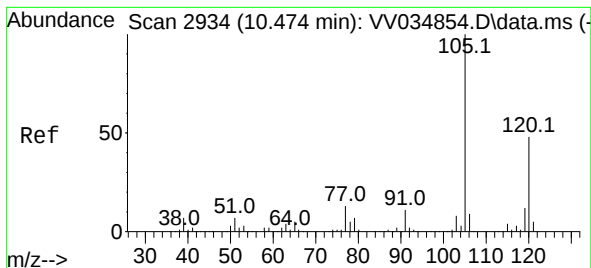
Tgt Ion:105 Resp: 630132
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 16.0 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 48.433 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV034876.D
Acq: 27 Mar 2024 19:40

Tgt Ion: 75 Resp: 186786
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 38.4 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 49.761 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

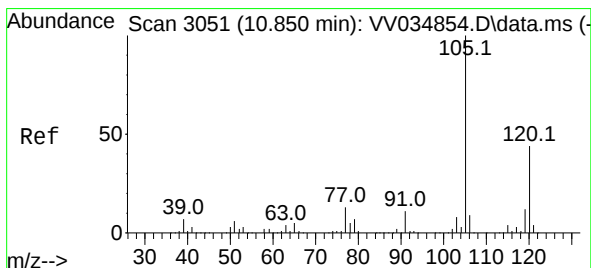
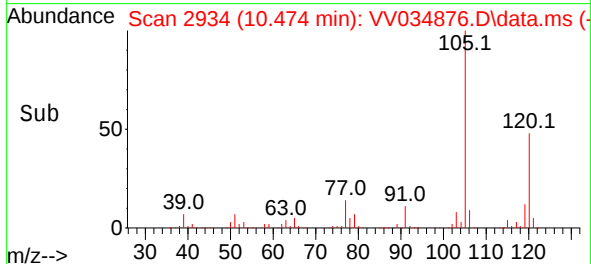
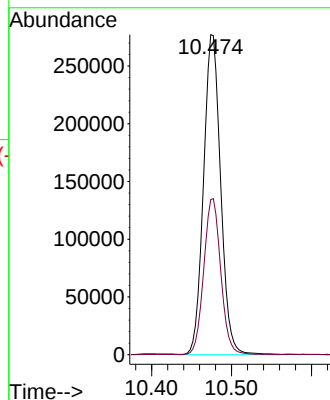
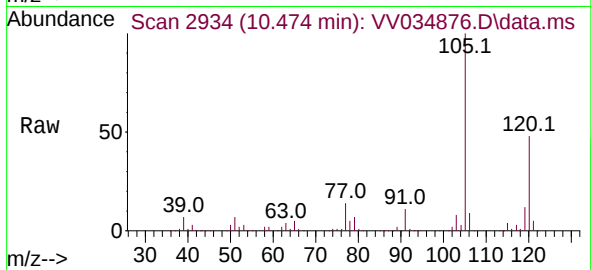
ClientSampleId :

Tgt Ion:105 Resp: 414639

Ion Ratio Lower Upper

105 100

120 48.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 49.621 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034876.D

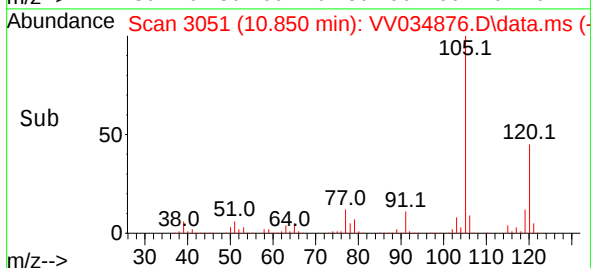
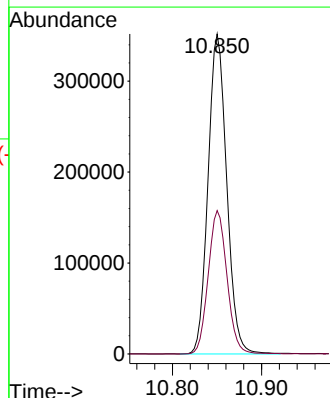
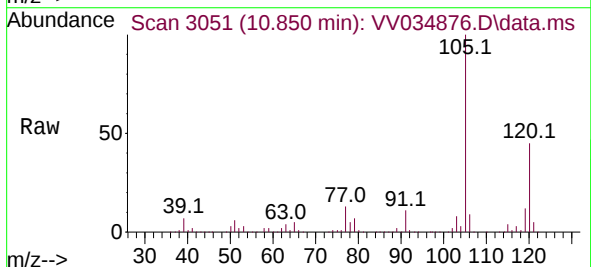
Acq: 27 Mar 2024 19:40

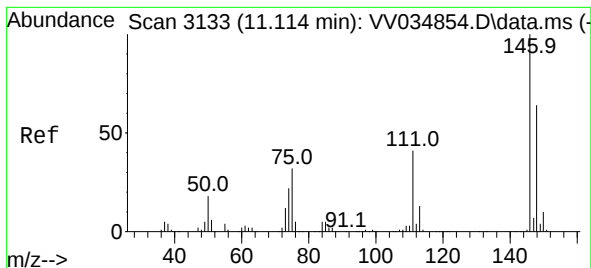
Tgt Ion:105 Resp: 511206

Ion Ratio Lower Upper

105 100

120 45.2 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 48.509 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

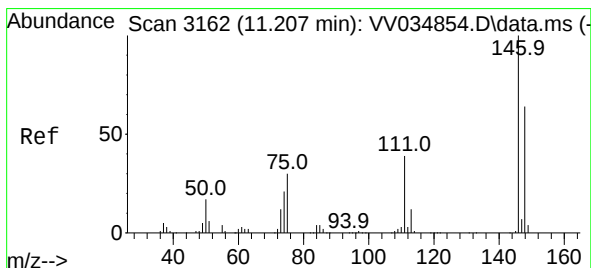
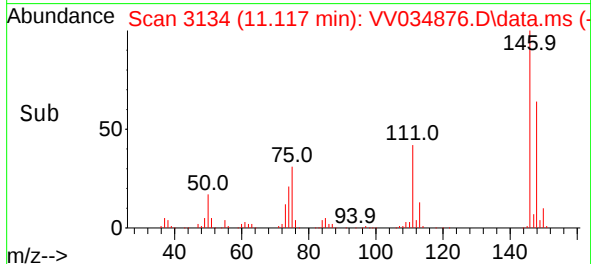
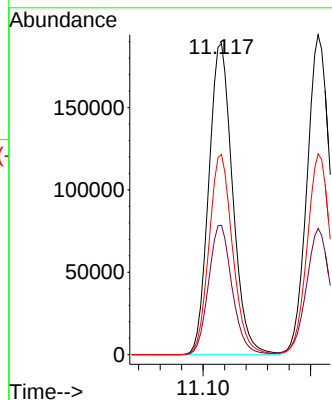
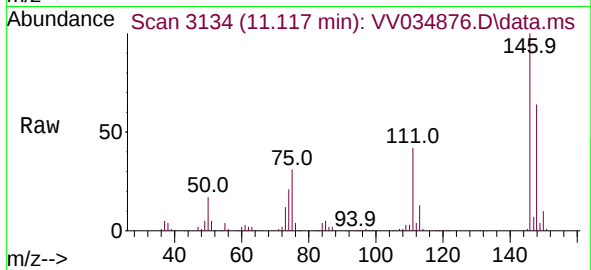
Tgt Ion:146 Resp: 290851

Ion Ratio Lower Upper

146 100

111 41.6 28.7 53.3

148 64.4 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 49.383 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

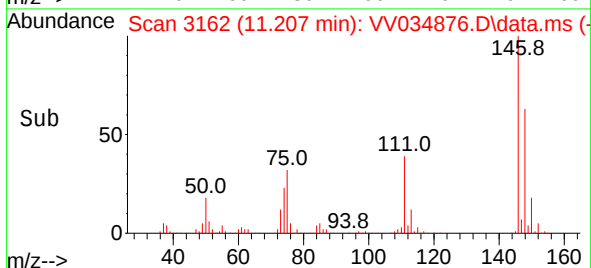
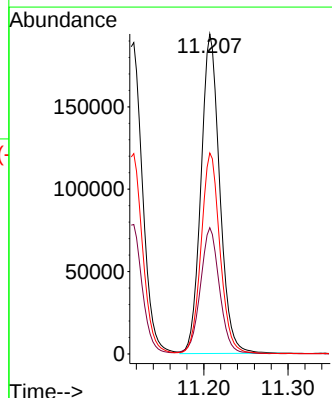
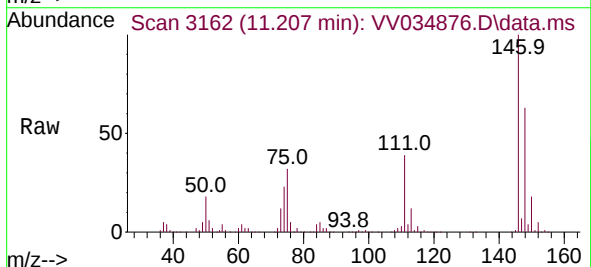
Tgt Ion:146 Resp: 301103

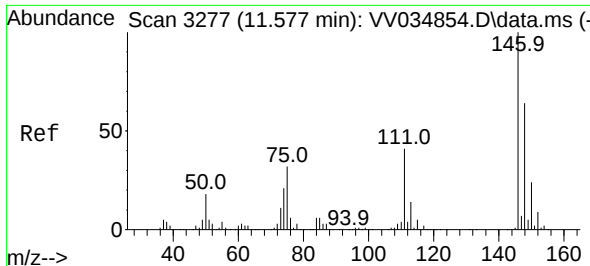
Ion Ratio Lower Upper

146 100

111 39.4 27.4 50.8

148 62.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 49.091 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

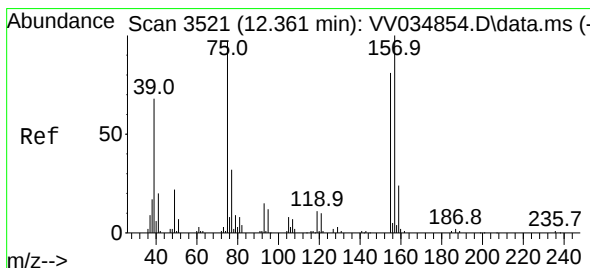
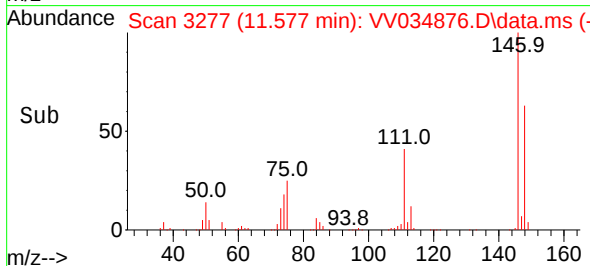
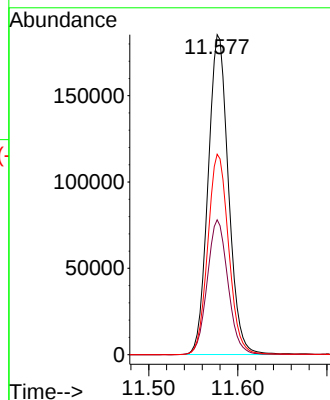
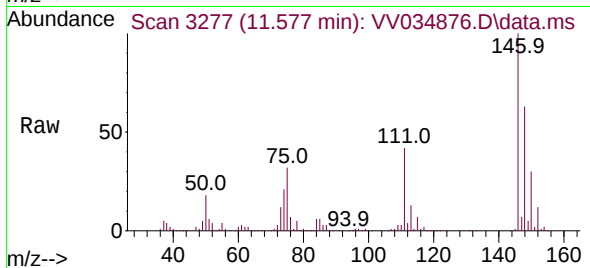
Tgt Ion:146 Resp: 293215

Ion Ratio Lower Upper

146 100

111 42.1 34.6 52.0

148 62.7 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 49.184 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

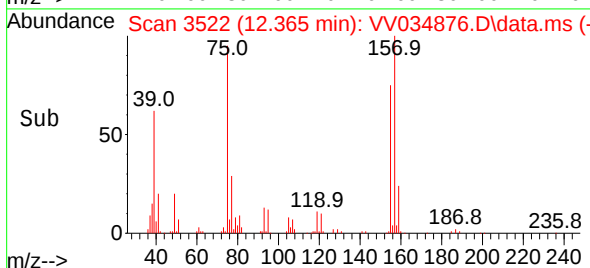
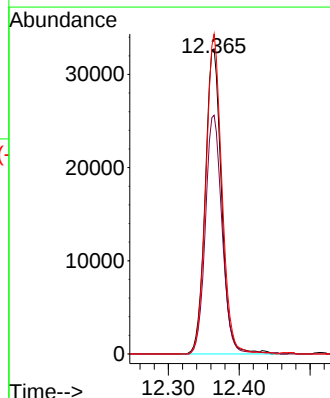
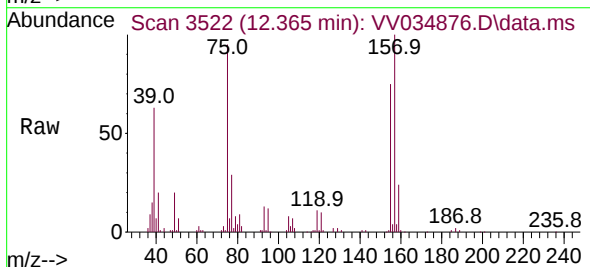
Tgt Ion: 75 Resp: 52257

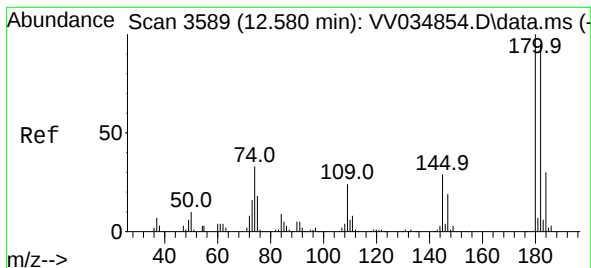
Ion Ratio Lower Upper

75 100

155 78.2 63.0 94.6

157 104.9 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 48.813 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

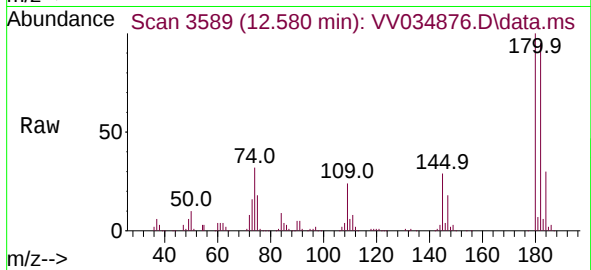
Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 210931

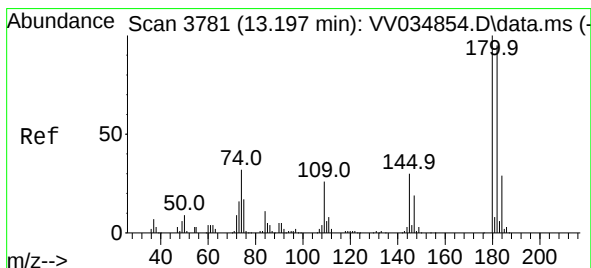
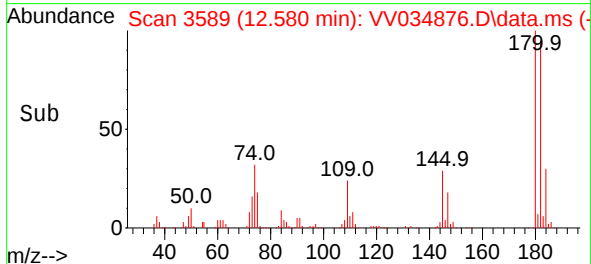
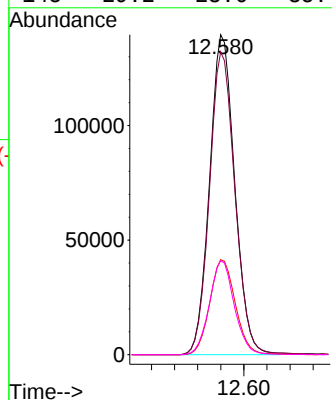
Ion Ratio Lower Upper

180 100

182 95.7 74.7 112.1

184 30.2 24.0 36.0

145 29.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 50.062 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

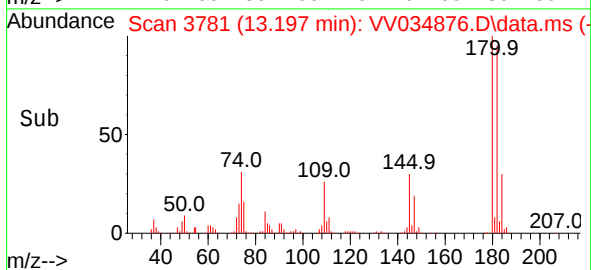
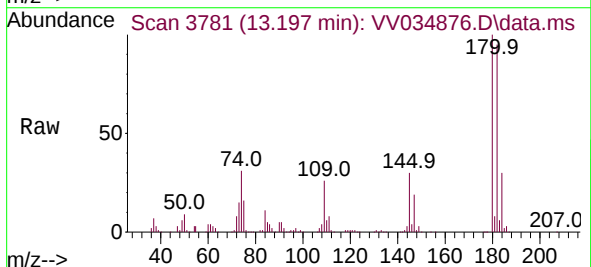
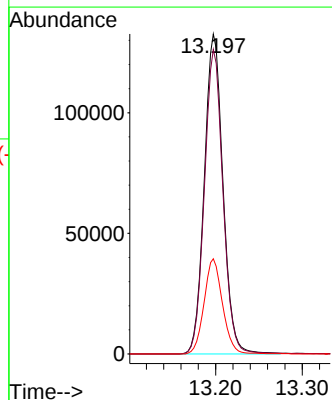
Tgt Ion:180 Resp: 198714

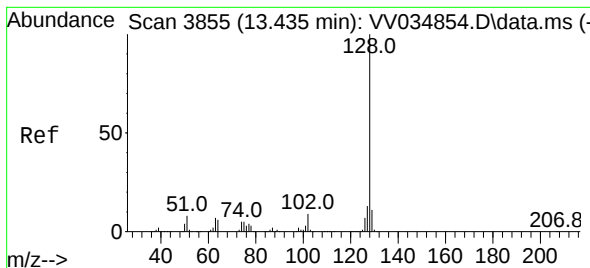
Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

145 29.4 24.1 36.1





#71

Naphthalene

Concen: 55.229 ug/L

RT: 13.438 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

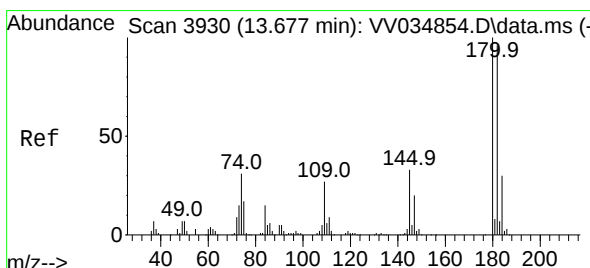
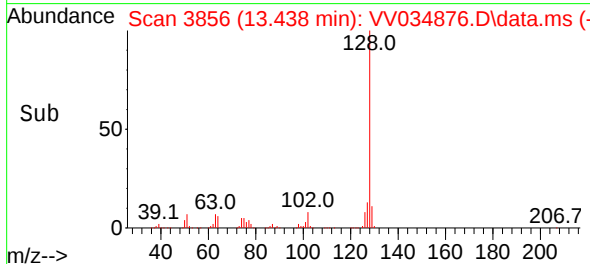
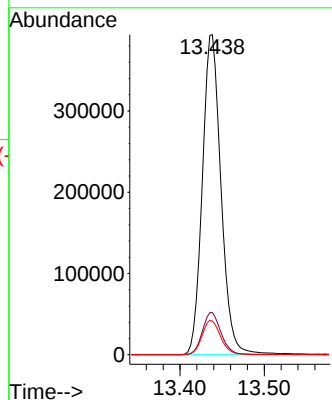
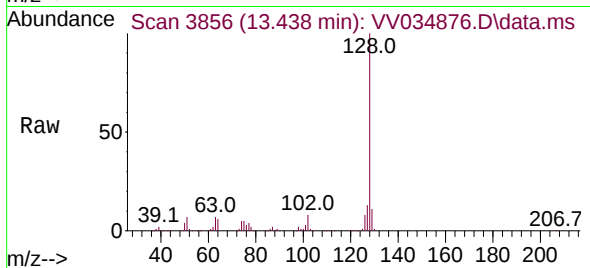
Tgt Ion:128 Resp: 608212

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 52.912 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV034876.D

Acq: 27 Mar 2024 19:40

Tgt Ion:180 Resp: 207026

Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

145 31.1 25.8 38.6

