

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034850.D
 Acq On : 27 Mar 2024 00:15
 Operator : SY/MD
 Sample : P1852-06MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:41:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:34:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	382165	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	372005	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	192398	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	149234	40.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.860%
7) Chloroethane-d5	1.532	69	132639	41.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.760%
11) 1,1-Dichloroethene-d2	2.060	65	66707	41.232	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.460%
21) 2-Butanone-d5	3.786	46	175363	80.114	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.110%
24) Chloroform-d	4.249	84	268350	43.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.480%
26) 1,2-Dichloroethane-d4	4.941	65	167125	42.420	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.840%
32) Benzene-d6	4.960	84	526009	42.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.180%
36) 1,2-Dichloropropane-d6	5.985	67	169657	42.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.520%
41) Toluene-d8	7.243	98	476602	42.351	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.700%
43) trans-1,3-Dichloroprop...	7.551	79	80286	41.620	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.240%
47) 2-Hexanone-d5	8.021	63	122649	81.753	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.750%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	235059	43.017	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.040%
66) 1,2-Dichlorobenzene-d4	11.558	152	176981	40.970	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	123164	44.466	ug/L	99
3) Chloromethane	1.214	50	155838	43.764	ug/L	99
5) Vinyl chloride	1.285	62	186598	49.986	ug/L	98
6) Bromomethane	1.487	94	133305	47.639	ug/L	98
8) Chloroethane	1.548	64	113124	44.371	ug/L	99
9) Trichlorofluoromethane	1.712	101	222747	45.463	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	127285	42.444	ug/L	99
12) 1,1-Dichloroethene	2.069	96	130553	45.518	ug/L	94
13) Acetone	2.114	43	124880	62.142	ug/L	99
14) Carbon disulfide	2.243	76	351649	43.537	ug/L	99
15) Methyl Acetate	2.371	43	132228	41.754	ug/L	98
16) Methylene chloride	2.445	84	141901	45.660	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	128170	46.221	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	451134	46.318	ug/L	100
19) 1,1-Dichloroethane	3.111	63	260694	45.844	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	166062	52.737	ug/L	94
22) 2-Butanone	3.867	43	170514	73.122	ug/L	98
23) Bromochloromethane	4.146	128	75631	48.006	ug/L	94
25) Chloroform	4.275	83	263389	46.849	ug/L	98

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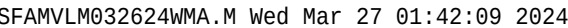
Instrument :
 MSVOA_V
 ClientSampleId :

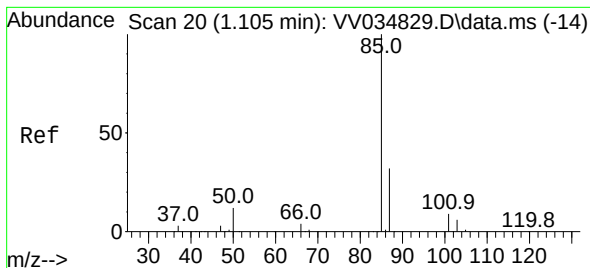
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 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:34:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	208353	46.546	ug/L	100
29) Cyclohexane	4.580	56	208712	44.795	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	221348	45.647	ug/L	99
31) Carbon tetrachloride	4.735	117	187661	45.660	ug/L	100
33) Benzene	5.008	78	552713	45.564	ug/L	100
34) Trichloroethene	5.831	95	141461	43.211	ug/L	98
35) Methylcyclohexane	6.050	83	200592	40.572	ug/L	99
37) 1,2-Dichloropropane	6.092	63	151304	45.134	ug/L	100
38) Bromodichloromethane	6.432	83	199501	46.124	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	240057	45.457	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	371623	86.826	ug/L	99
42) Toluene	7.313	91	586191	46.157	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	226096	46.601	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	147034	46.534	ug/L	97
46) Tetrachloroethene	7.905	164	95748	41.863	ug/L	99
48) 2-Hexanone	8.072	43	294312	80.849	ug/L	97
49) Dibromochloromethane	8.175	129	145462	46.482	ug/L	98
50) 1,2-Dibromoethane	8.281	107	156630	46.044	ug/L	99
51) Chlorobenzene	8.812	112	377385	45.849	ug/L	100
52) Ethylbenzene	8.944	91	640454	45.503	ug/L	100
53) m,p-Xylene	9.072	106	234429	45.227	ug/L	98
54) o-Xylene	9.477	106	235634	45.945	ug/L	97
55) Styrene	9.493	104	404072	46.623	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	239616	46.805	ug/L	99
59) Bromoform	9.664	173	99319	45.046	ug/L	99
60) Isopropylbenzene	9.866	105	631013	45.494	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	185927	44.596	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	398721	44.263	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	502145	45.087	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	280831	43.326	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	285104	43.253	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	287557	44.534	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	49365	42.978	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	183579	39.298	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	182205	42.461	ug/L	99
71) Naphthalene	13.435	128	586446	49.259	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	194445	45.970	ug/L	100

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

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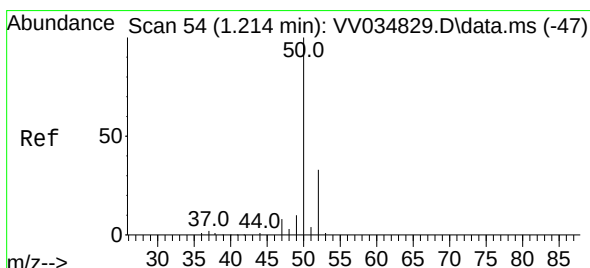
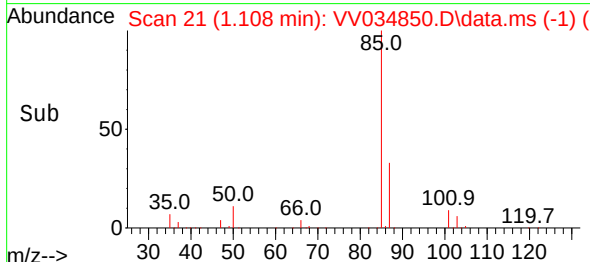
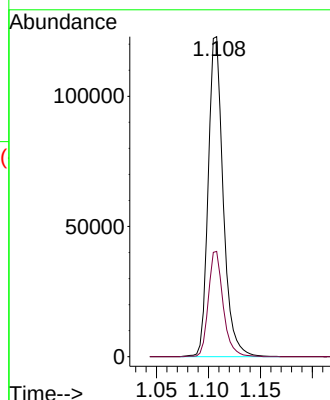
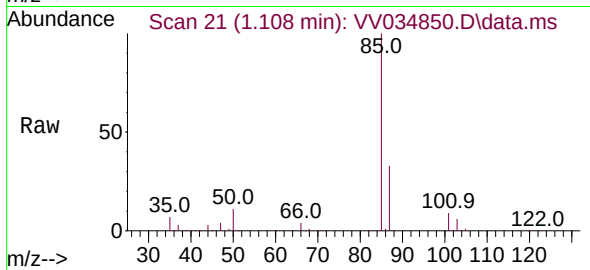




#2
 Dichlorodifluoromethane
 Concen: 44.466 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV034850.D
 Acq: 27 Mar 2024 00:15

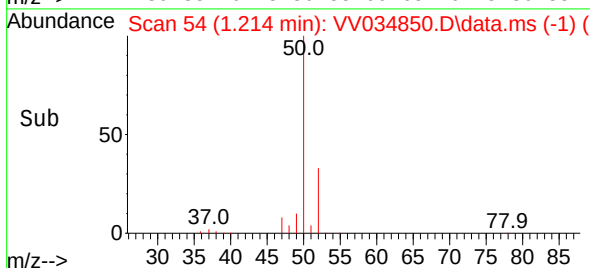
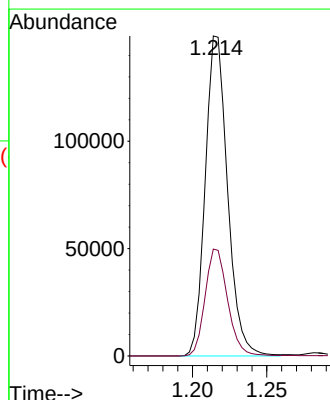
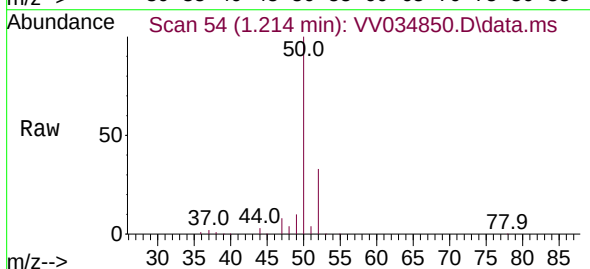
Instrument :
 MSVOA_V
 ClientSampleId :

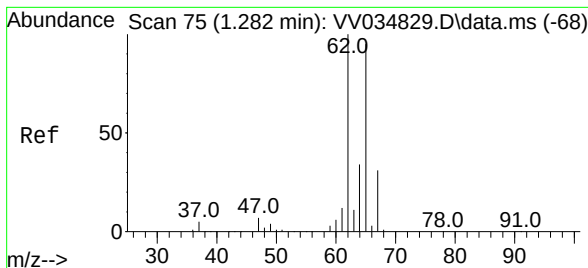
Tgt Ion: 85 Resp: 123164
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.7 38.5



#3
 Chloromethane
 Concen: 43.764 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV034850.D
 Acq: 27 Mar 2024 00:15

Tgt Ion: 50 Resp: 155838
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.0 42.8





#5

Vinyl chloride

Concen: 49.986 ug/L

RT: 1.285 min Scan# 75

Delta R.T. 0.003 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

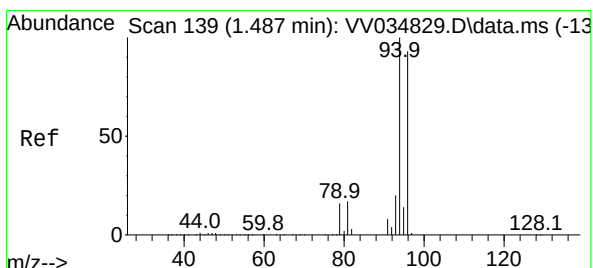
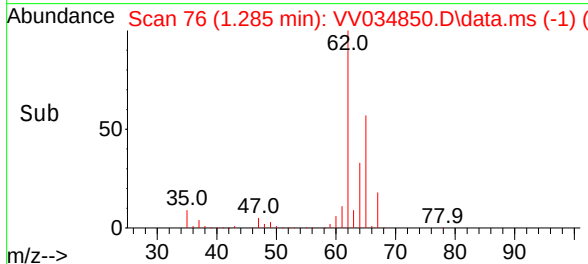
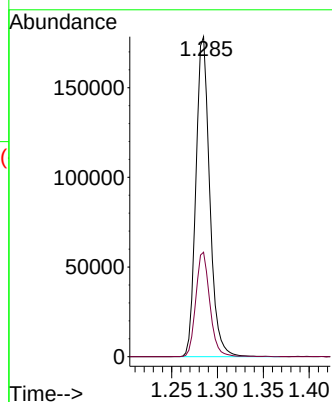
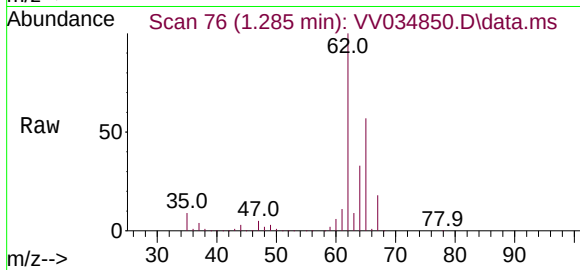
ClientSampleId :

Tgt Ion: 62 Resp: 186598

Ion Ratio Lower Upper

62 100

64 32.6 23.6 43.8



#6

Bromomethane

Concen: 47.639 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV034850.D

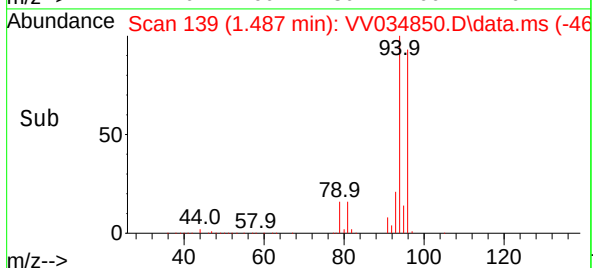
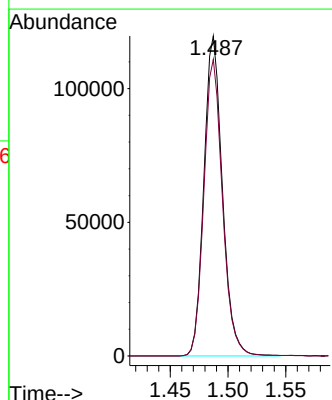
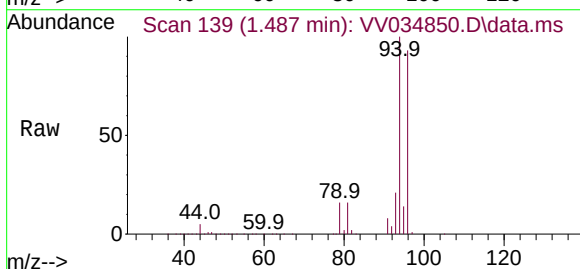
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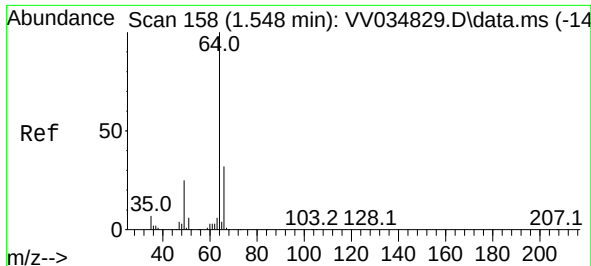
Tgt Ion: 94 Resp: 133305

Ion Ratio Lower Upper

94 100

96 92.7 66.3 123.1

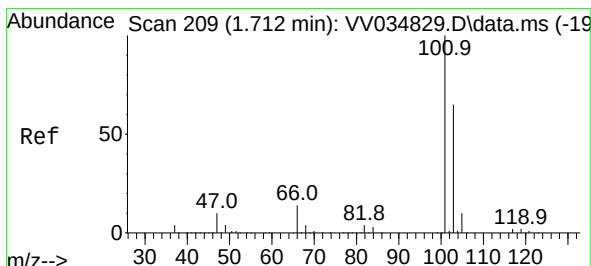
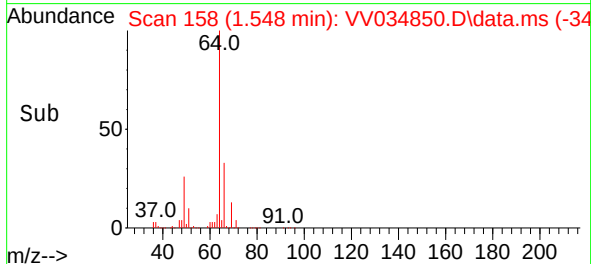
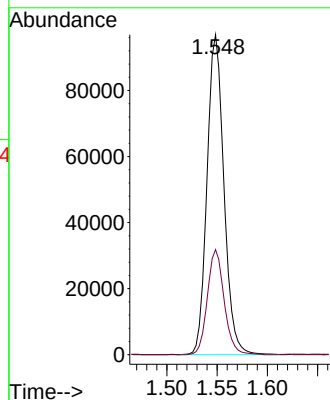
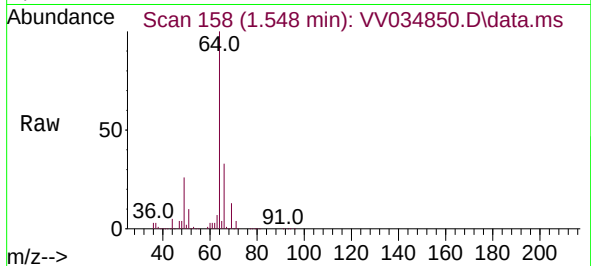




#8
Chloroethane
Concen: 44.371 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

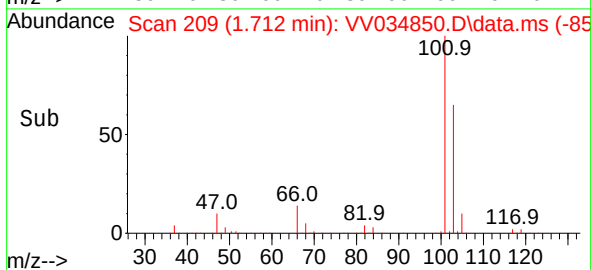
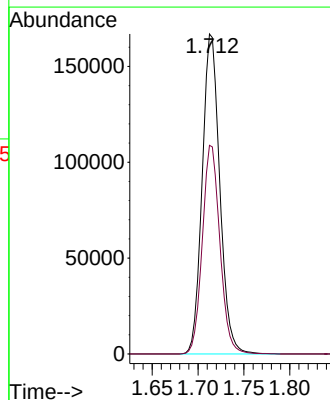
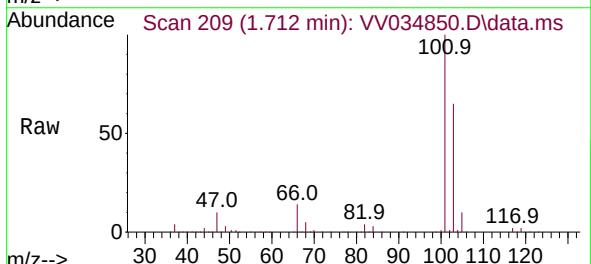
Instrument :
MSVOA_V
ClientSampleId :

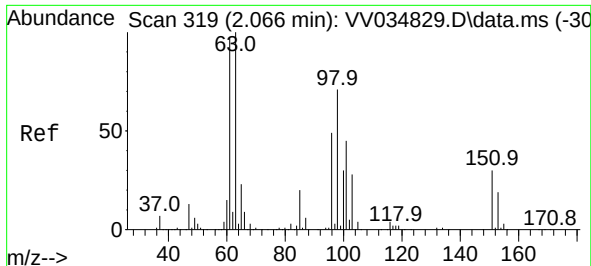
Tgt Ion: 64 Resp: 113124
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 45.463 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

Tgt Ion:101 Resp: 222747
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4





#10

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

Concen: 42.444 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

ClientSampleId :

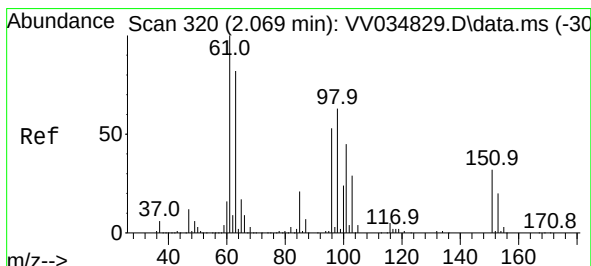
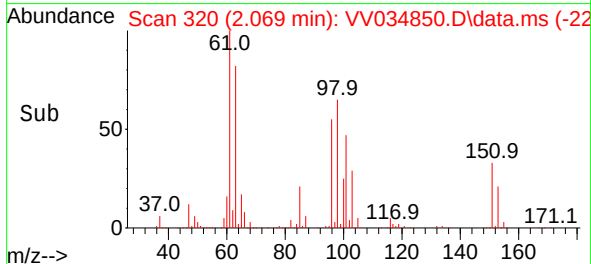
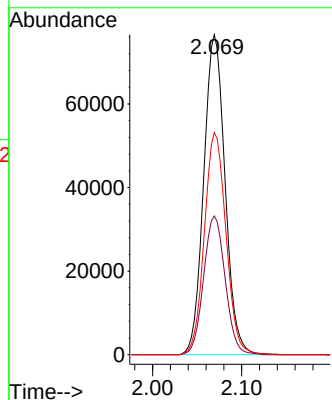
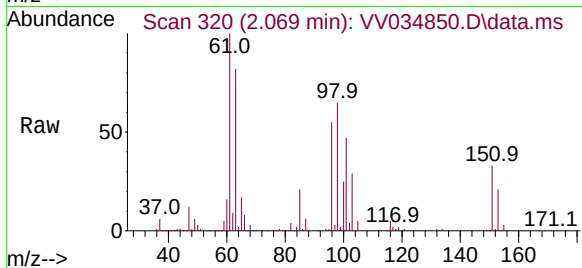
Tgt Ion:101 Resp: 127285

Ion Ratio Lower Upper

101 100

85 43.8 35.3 52.9

151 70.4 55.0 82.4



#12

1,1-Dichloroethene

Concen: 45.518 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

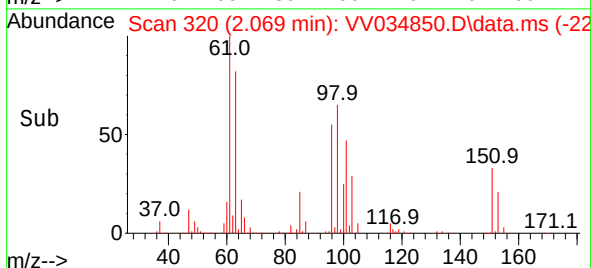
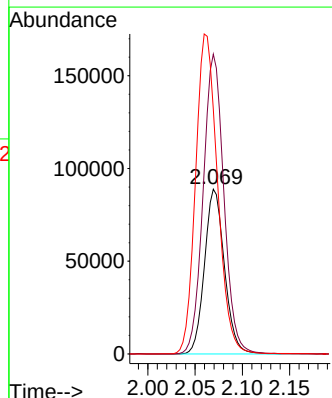
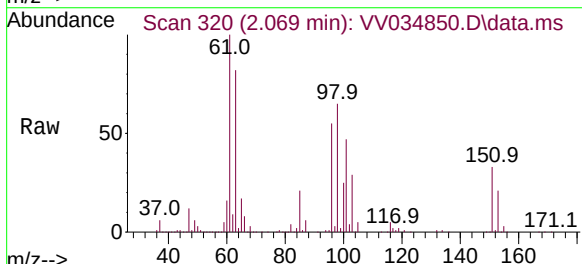
Tgt Ion: 96 Resp: 130553

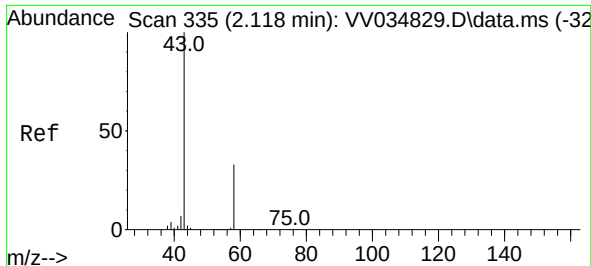
Ion Ratio Lower Upper

96 100

61 181.9 131.5 244.3

63 148.4 111.4 206.8





#13

Acetone

Concen: 62.142 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

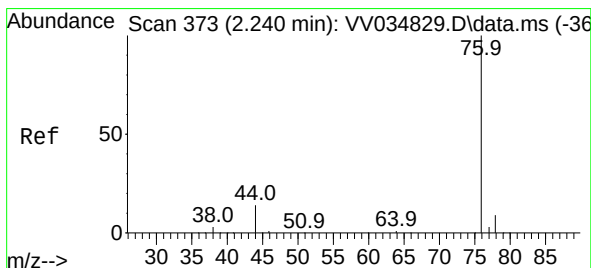
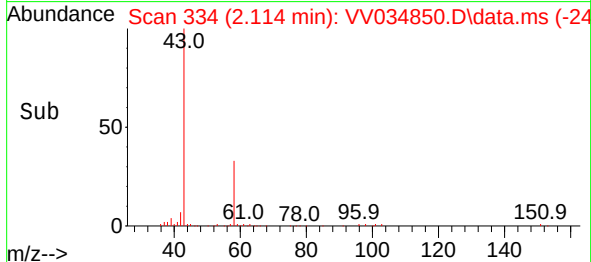
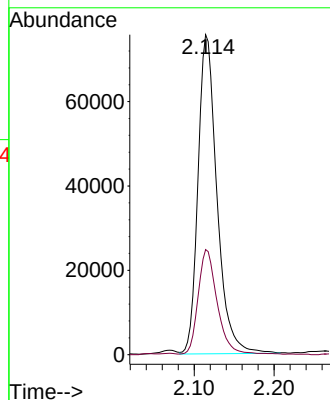
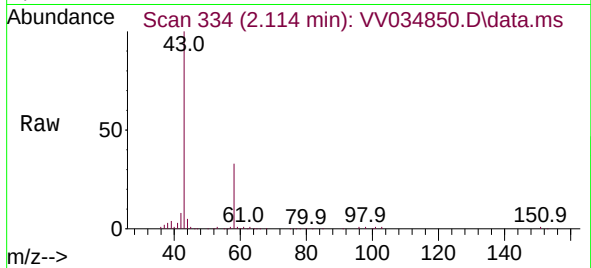
ClientSampleId :

Tgt Ion: 43 Resp: 124880

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.0



#14

Carbon disulfide

Concen: 43.537 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034850.D

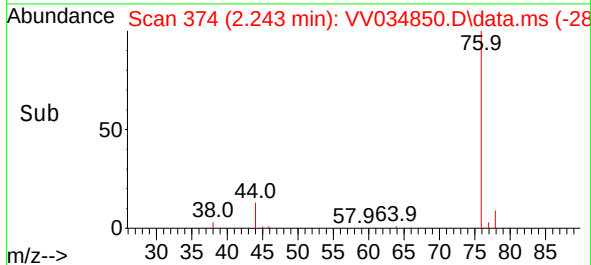
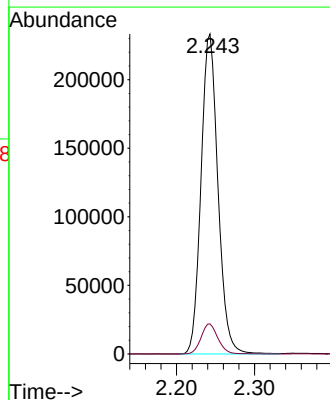
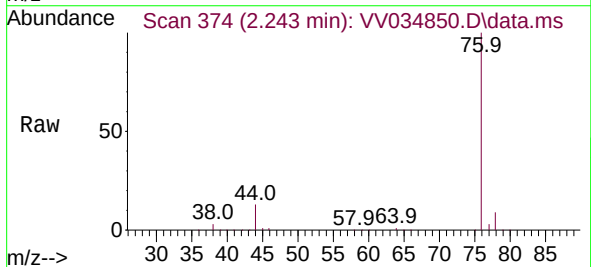
Acq: 27 Mar 2024 00:15

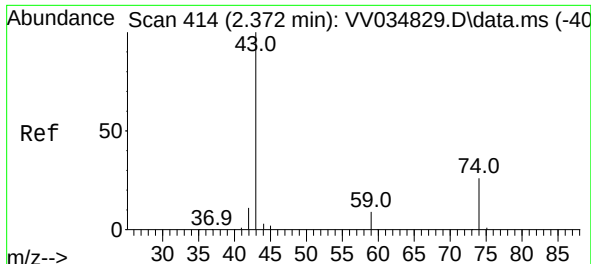
Tgt Ion: 76 Resp: 351649

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

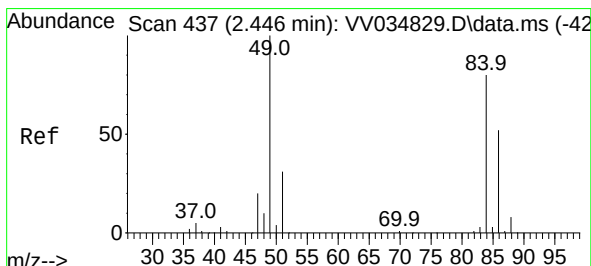
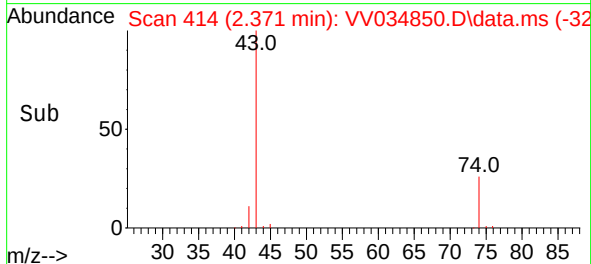
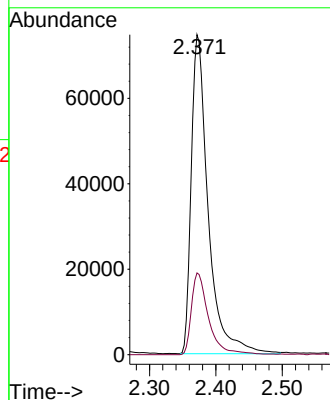
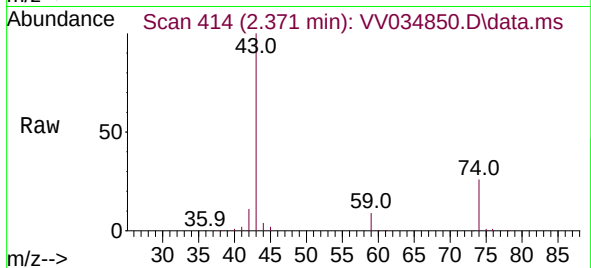




#15
Methyl Acetate
Concen: 41.754 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

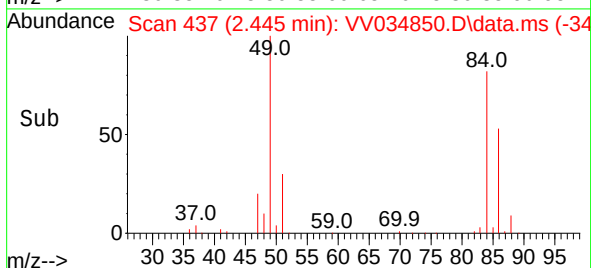
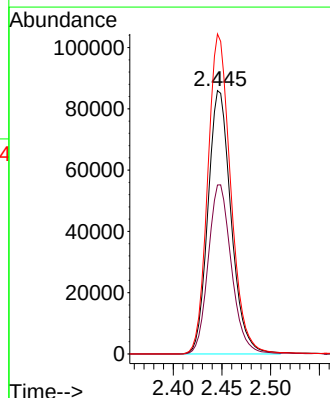
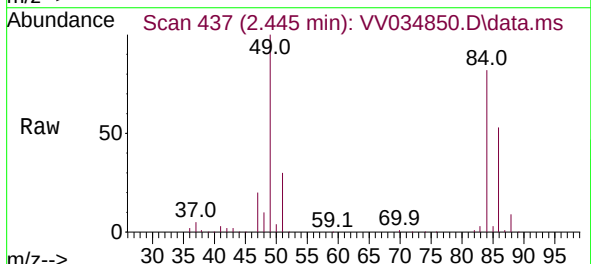
Instrument :
MSVOA_V
ClientSampleId :

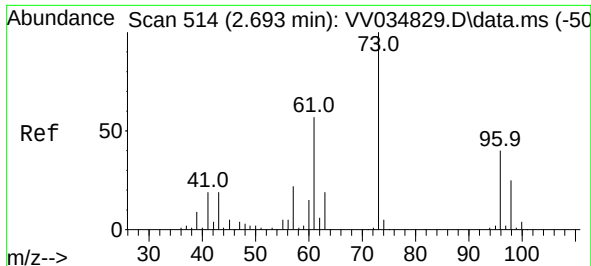
Tgt Ion: 43 Resp: 132228
Ion Ratio Lower Upper
43 100
74 26.0 19.8 29.8



#16
Methylene chloride
Concen: 45.660 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

Tgt Ion: 84 Resp: 141901
Ion Ratio Lower Upper
84 100
86 64.1 44.6 82.8
49 121.5 86.9 161.3





#17

trans-1,2-Dichloroethene

Concen: 46.221 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

ClientSampleId :

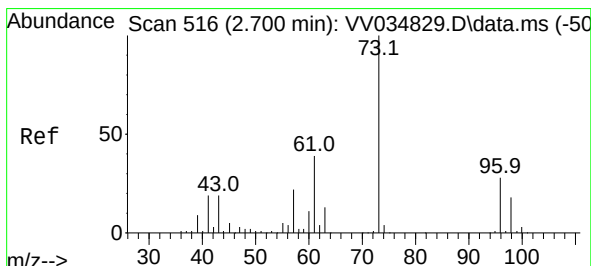
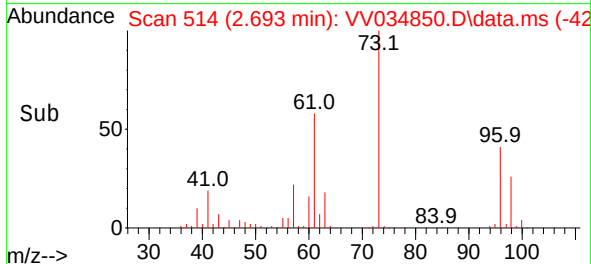
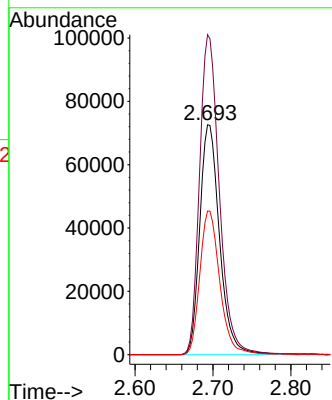
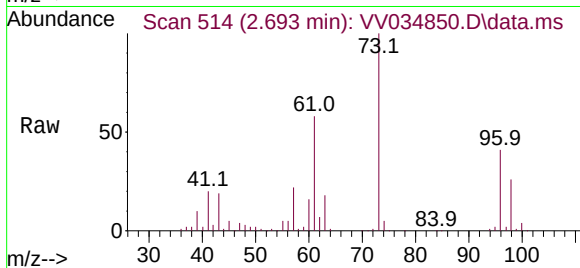
Tgt Ion: 96 Resp: 128170

Ion Ratio Lower Upper

96 100

61 139.2 99.0 183.8

98 62.5 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 46.318 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

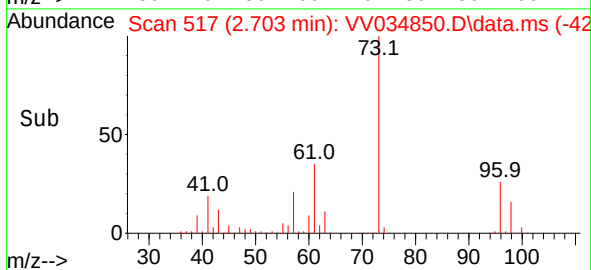
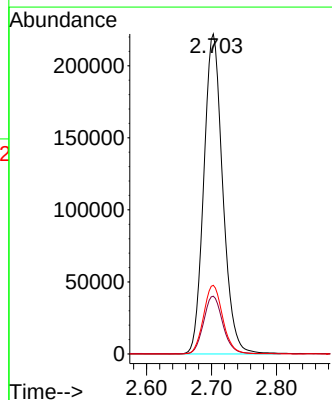
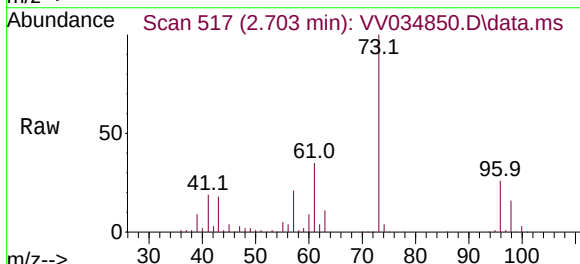
Tgt Ion: 73 Resp: 451134

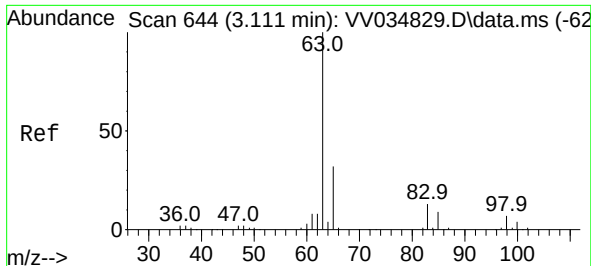
Ion Ratio Lower Upper

73 100

43 18.1 14.6 21.8

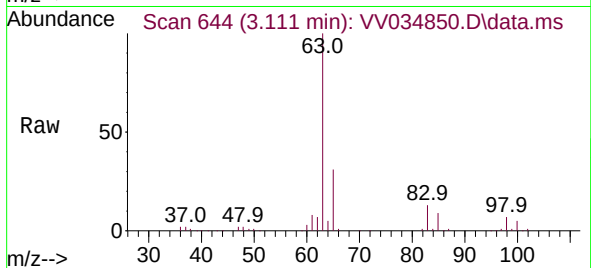
57 21.7 17.6 26.4



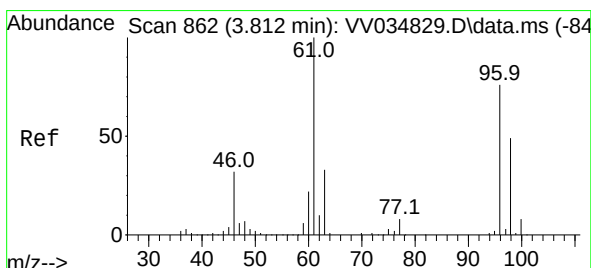
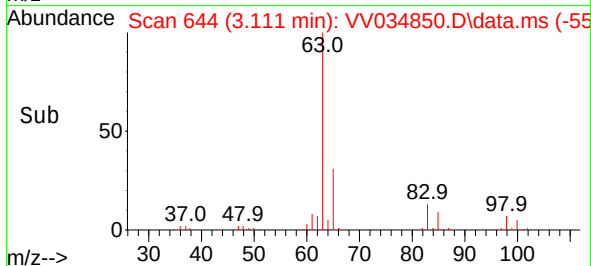
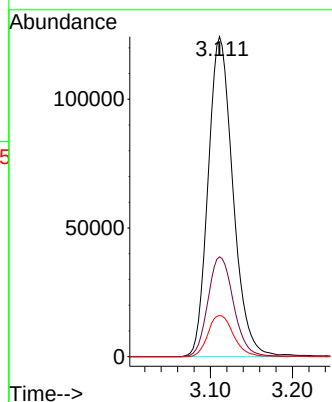


#19
1,1-Dichloroethane
Concen: 45.844 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

Instrument :
MSVOA_V
ClientSampleId :

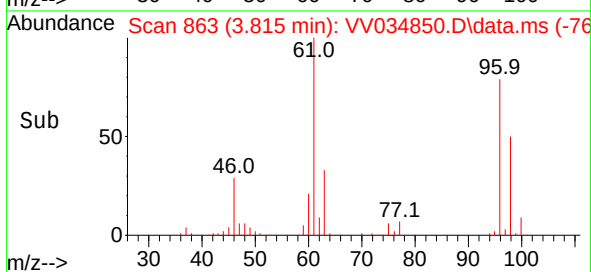
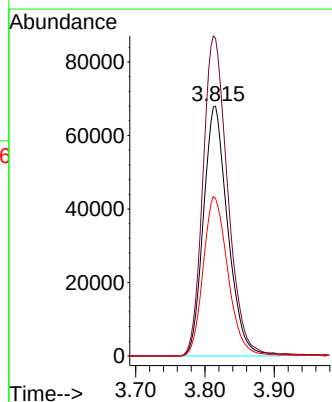
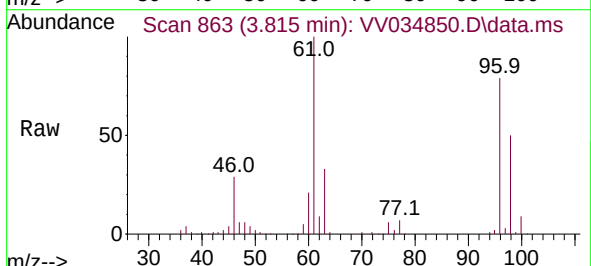


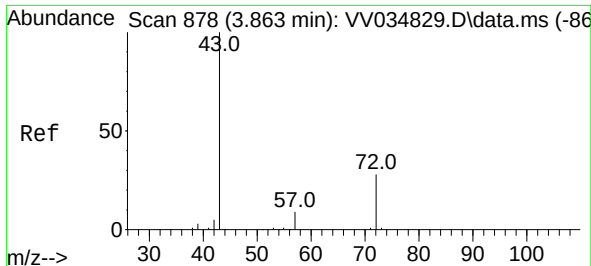
Tgt Ion: 63 Resp: 260694
Ion Ratio Lower Upper
63 100
65 31.2 23.0 42.6
83 12.8 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 52.737 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

Tgt Ion: 96 Resp: 166062
Ion Ratio Lower Upper
96 100
61 127.2 94.9 176.3
98 63.1 45.6 84.8





#22

2-Butanone

Concen: 73.122 ug/L

RT: 3.867 min Scan# 878

Delta R.T. 0.003 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

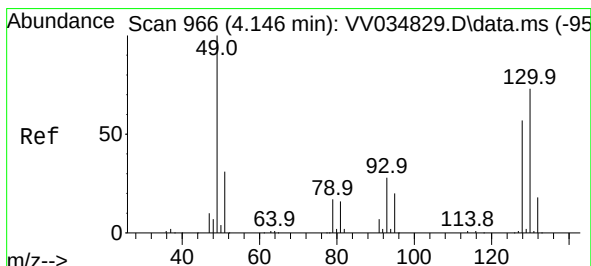
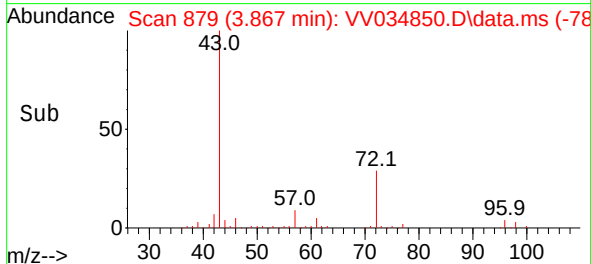
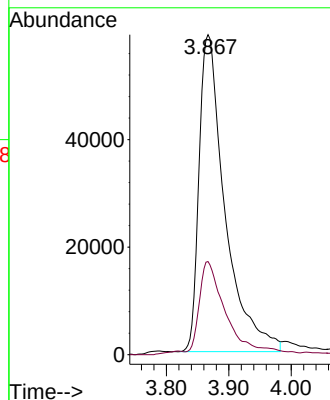
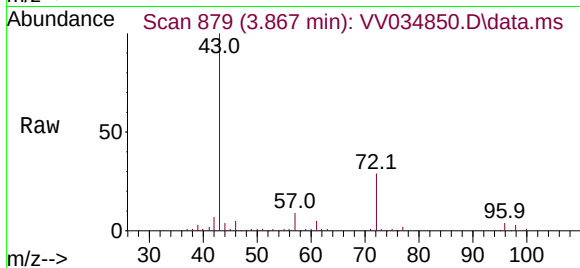
ClientSampleId :

Tgt Ion: 43 Resp: 170514

Ion Ratio Lower Upper

43 100

72 25.4 13.2 39.6



#23

Bromochloromethane

Concen: 48.006 ug/L

RT: 4.146 min Scan# 966

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Tgt Ion:128 Resp: 75631

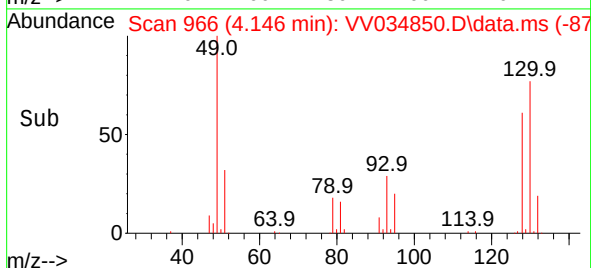
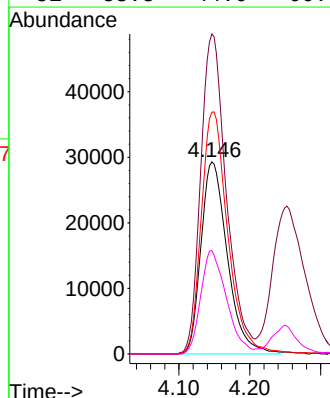
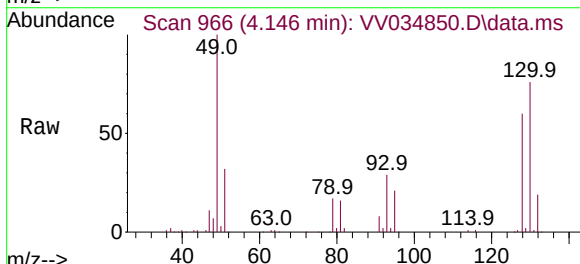
Ion Ratio Lower Upper

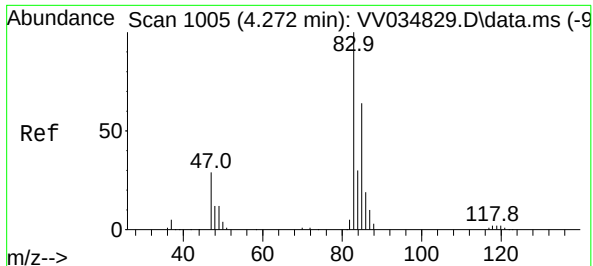
128 100

49 166.6 123.8 229.8

130 125.9 93.2 173.0

51 53.8 44.0 66.0





#25

Chloroform

Concen: 46.849 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

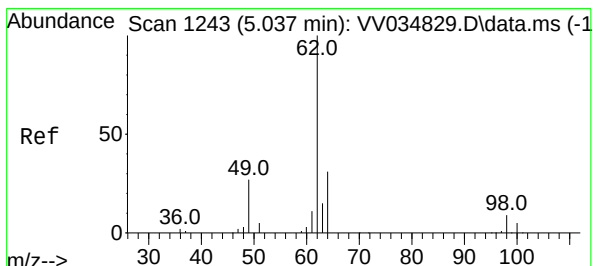
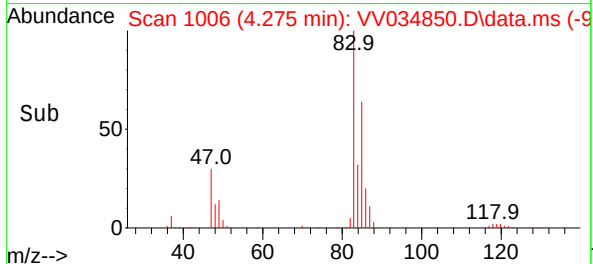
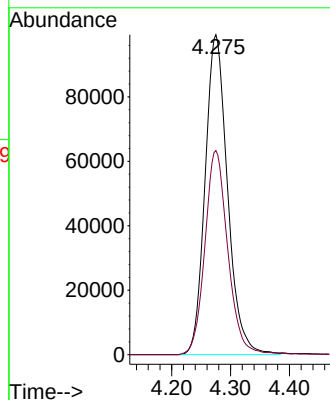
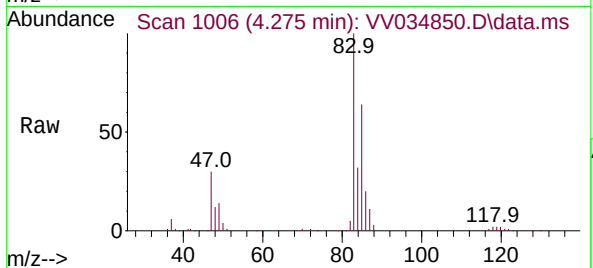
ClientSampleId :

Tgt Ion: 83 Resp: 263389

Ion Ratio Lower Upper

83 100

85 63.8 46.0 85.4



#27

1,2-Dichloroethane

Concen: 46.546 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV034850.D

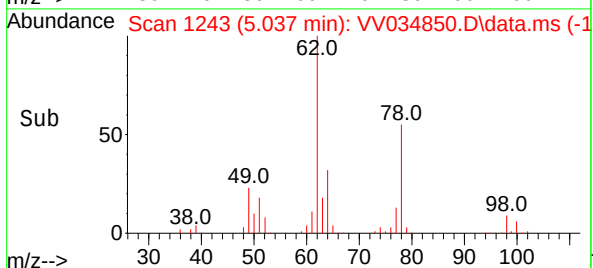
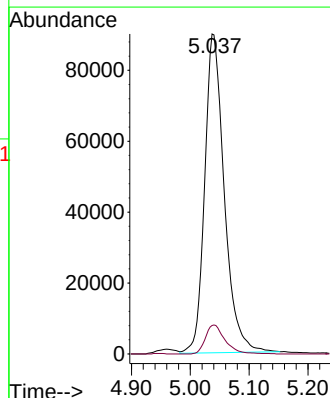
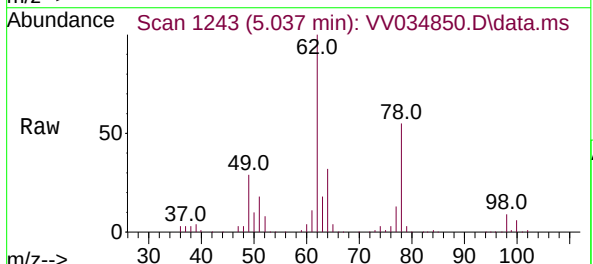
Acq: 27 Mar 2024 00:15

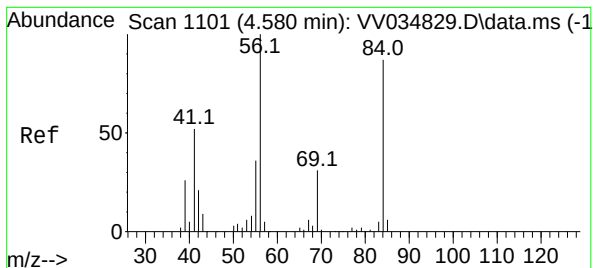
Tgt Ion: 62 Resp: 208353

Ion Ratio Lower Upper

62 100

98 8.9 7.2 10.8





#29

Cyclohexane

Concen: 44.795 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

ClientSampleId :

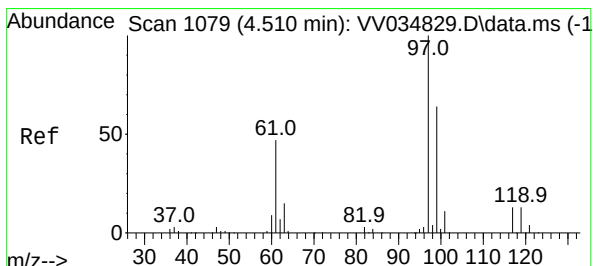
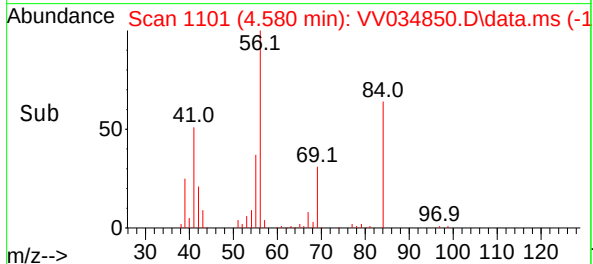
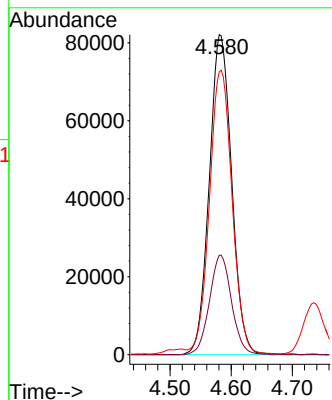
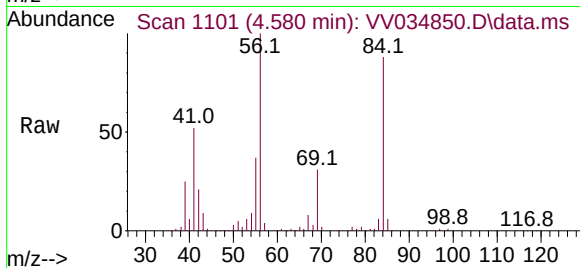
Tgt Ion: 56 Resp: 208712

Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.2

84 89.0 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 45.647 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

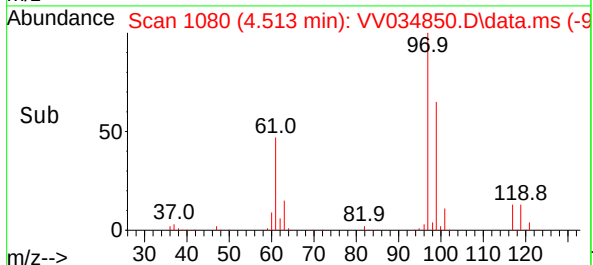
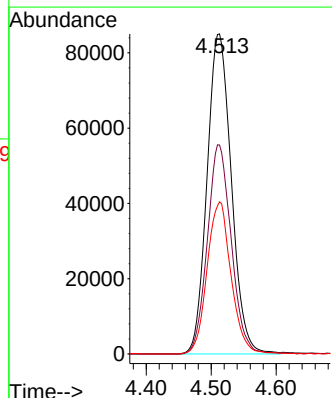
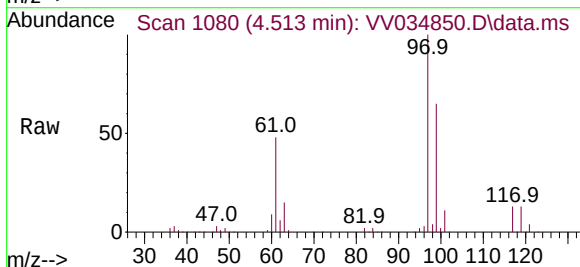
Tgt Ion: 97 Resp: 221348

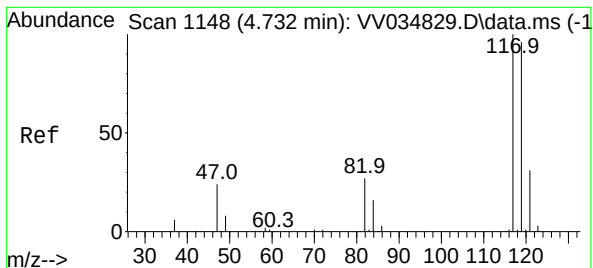
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 46.7 36.8 55.2





#31

Carbon tetrachloride

Concen: 45.660 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

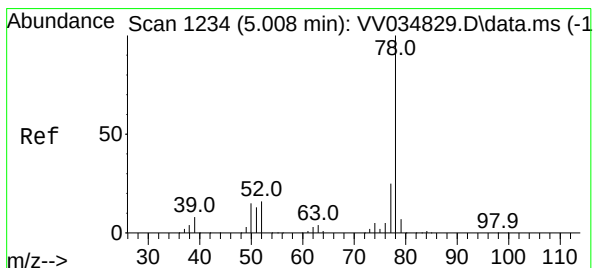
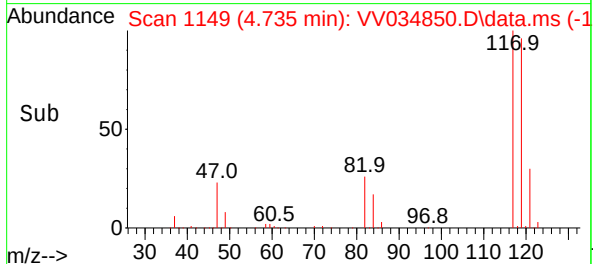
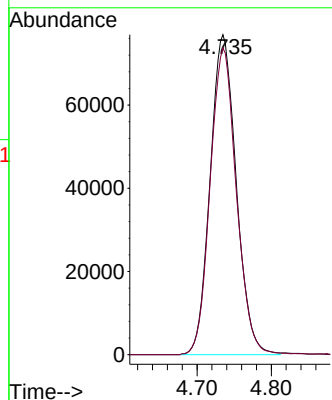
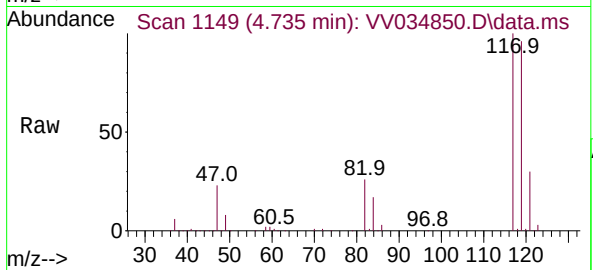
ClientSampleId :

Tgt Ion:117 Resp: 187661

Ion Ratio Lower Upper

117 100

119 96.1 77.1 115.7



#33

Benzene

Concen: 45.564 ug/L

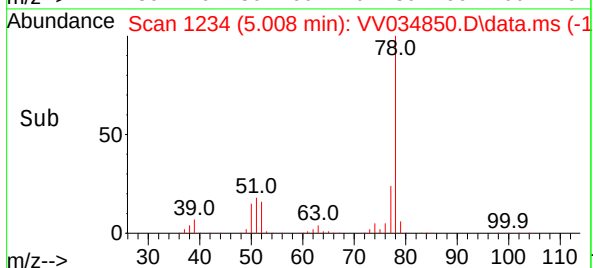
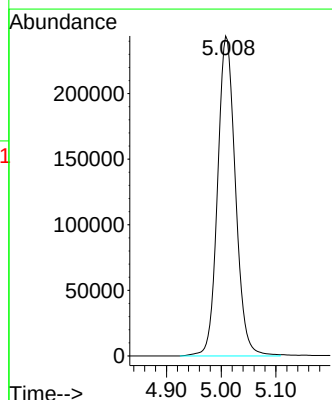
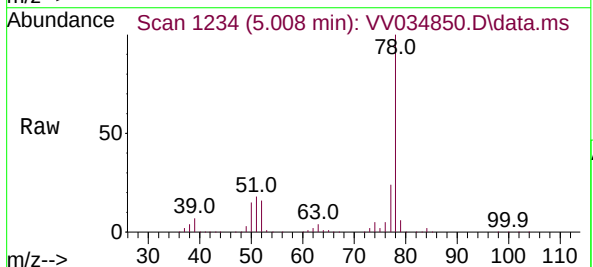
RT: 5.008 min Scan# 1234

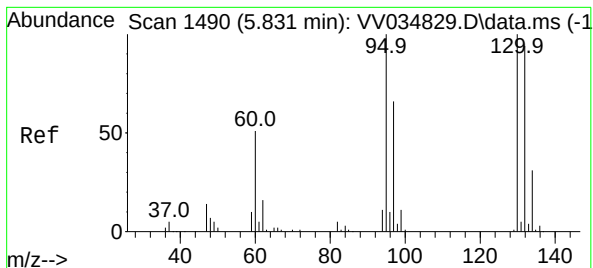
Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Tgt Ion: 78 Resp: 552713





#34

Trichloroethene

Concen: 43.211 ug/L

RT: 5.831 min Scan# 141461

Delta R.T. -0.000 min

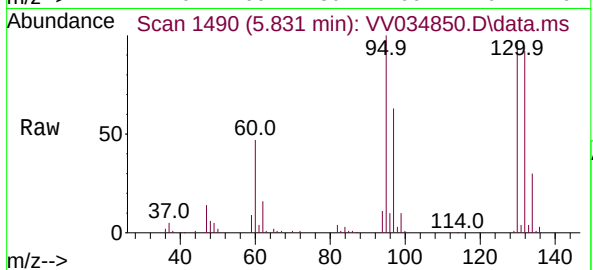
Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 141461

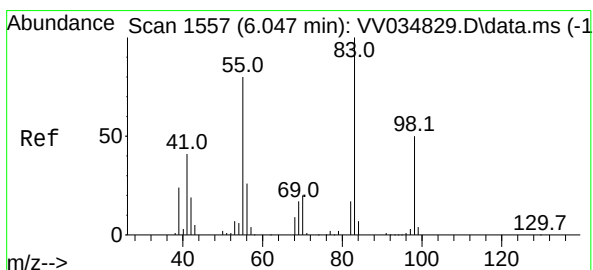
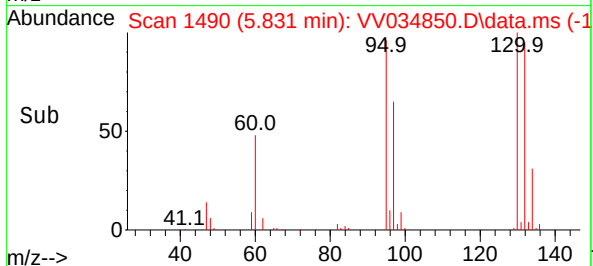
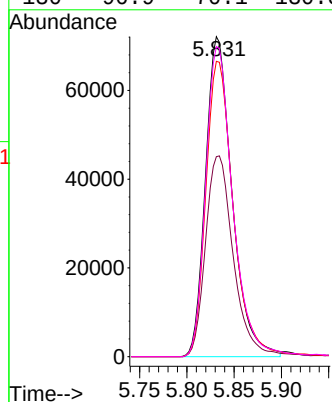
Ion Ratio Lower Upper

95 100

97 62.5 45.3 84.1

132 92.3 65.3 121.3

130 96.9 70.1 130.3



#35

Methylcyclohexane

Concen: 40.572 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

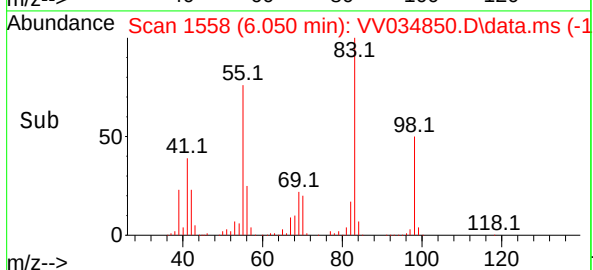
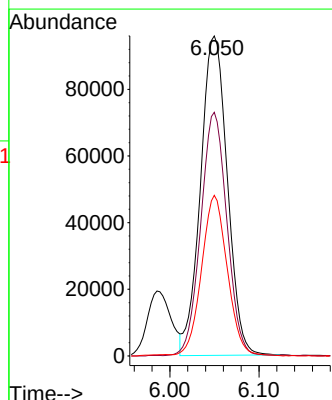
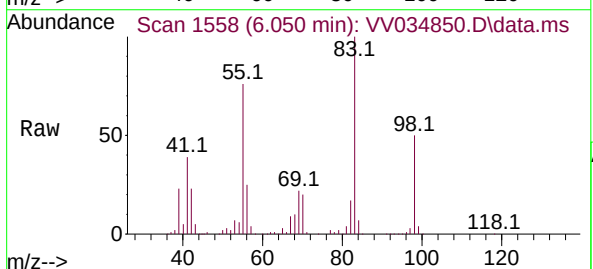
Tgt Ion: 83 Resp: 200592

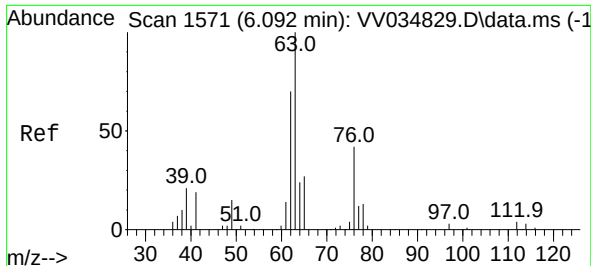
Ion Ratio Lower Upper

83 100

55 74.5 60.0 90.0

98 48.4 37.6 56.4





#37

1,2-Dichloropropane

Concen: 45.134 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

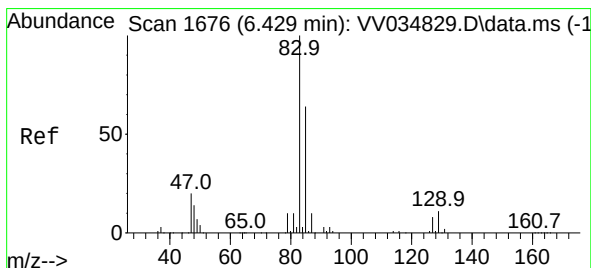
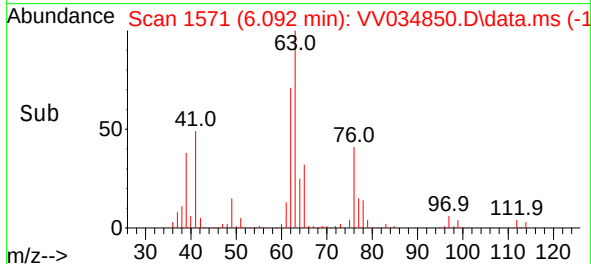
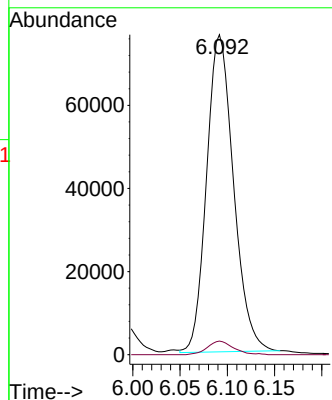
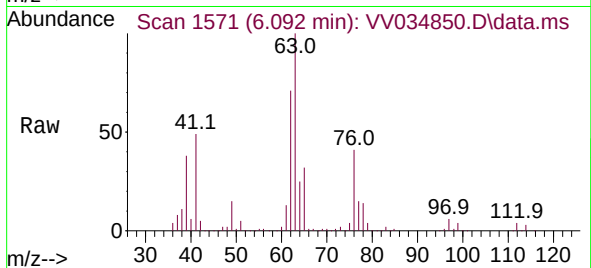
ClientSampleId :

Tgt Ion: 63 Resp: 151304

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 46.124 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

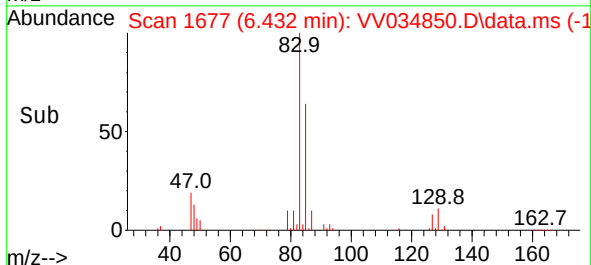
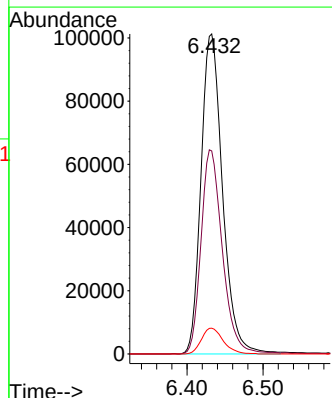
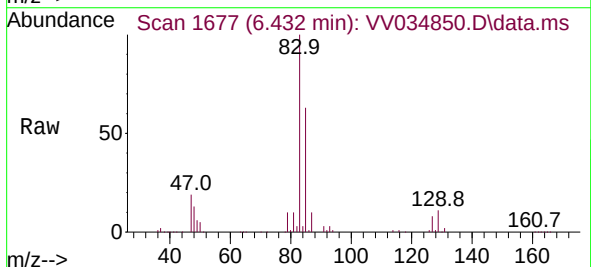
Tgt Ion: 83 Resp: 199501

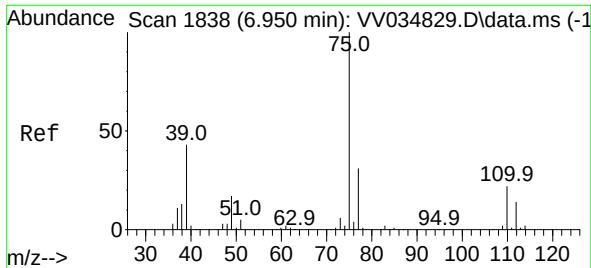
Ion Ratio Lower Upper

83 100

85 63.4 43.7 81.1

127 8.1 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 45.457 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

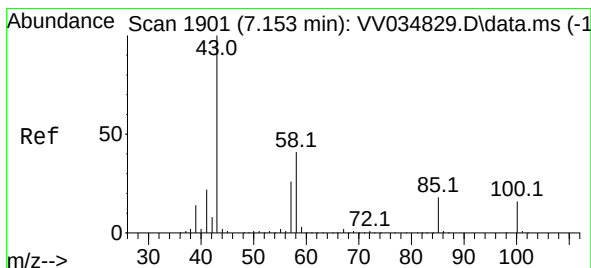
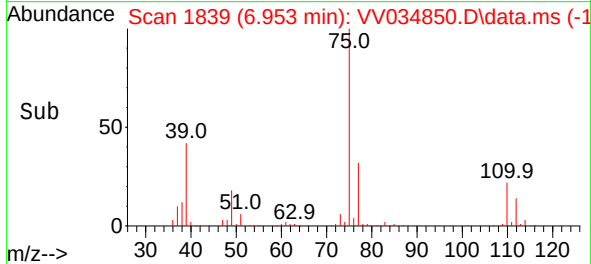
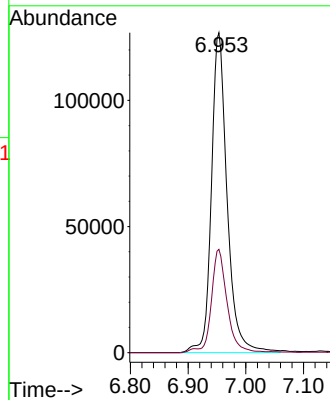
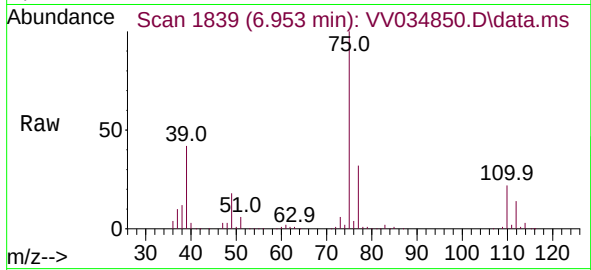
ClientSampleId :

Tgt Ion: 75 Resp: 240057

Ion Ratio Lower Upper

75 100

77 32.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 86.826 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

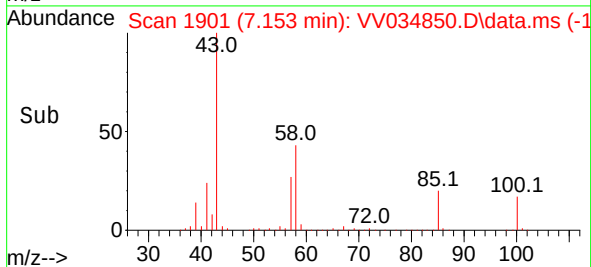
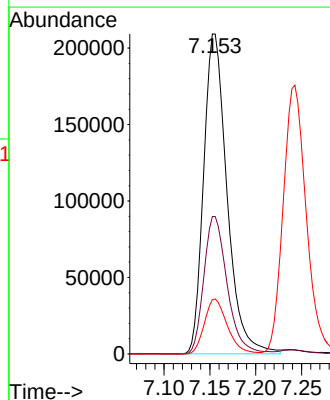
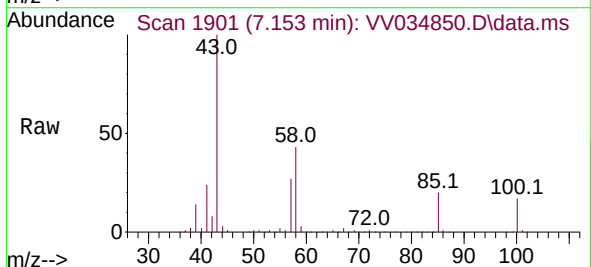
Tgt Ion: 43 Resp: 371623

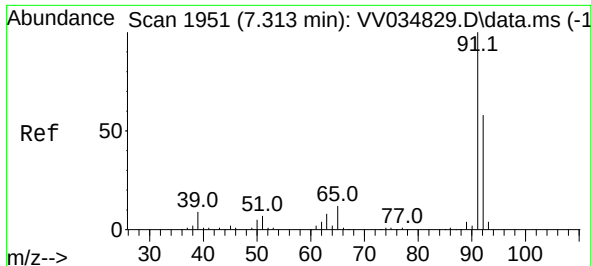
Ion Ratio Lower Upper

43 100

58 42.9 33.8 50.8

100 16.8 13.0 19.4





#42

Toluene

Concen: 46.157 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

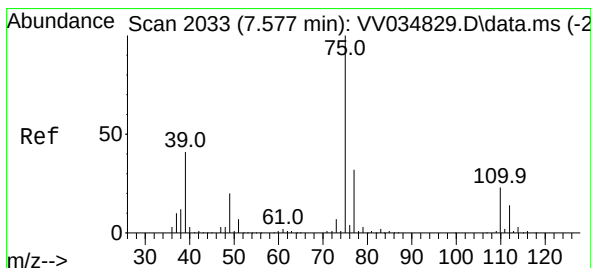
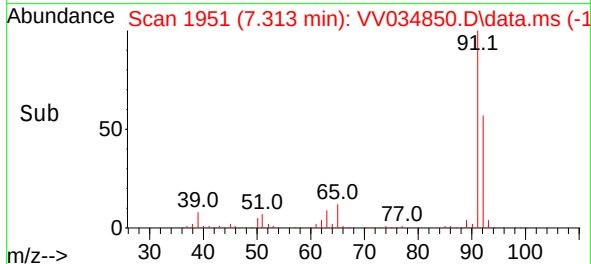
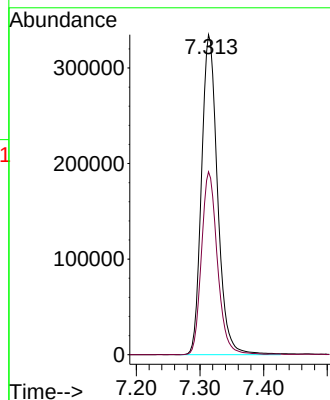
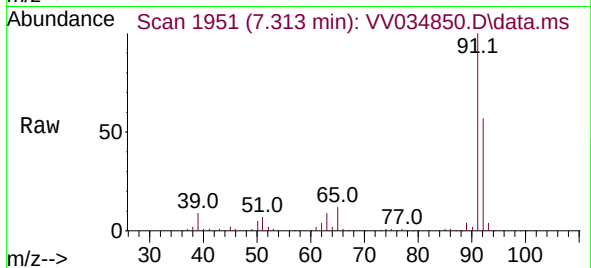
ClientSampleId :

Tgt Ion: 91 Resp: 586191

Ion Ratio Lower Upper

91 100

92 57.1 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 46.601 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034850.D

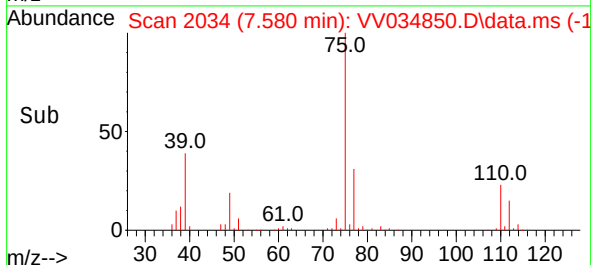
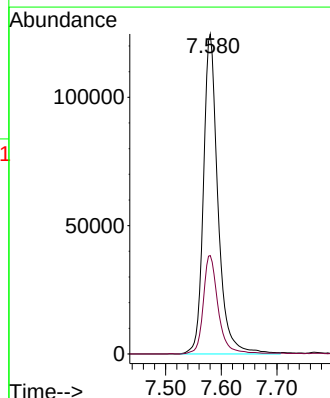
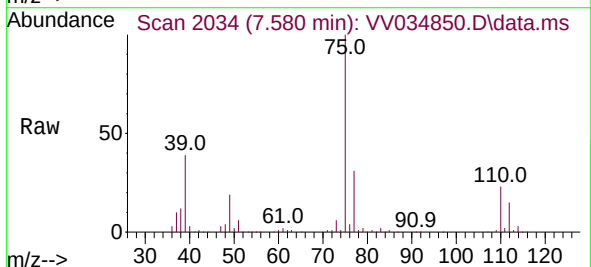
Acq: 27 Mar 2024 00:15

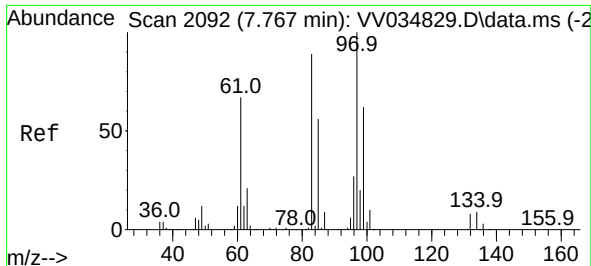
Tgt Ion: 75 Resp: 226096

Ion Ratio Lower Upper

75 100

77 30.7 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 46.534 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 147034

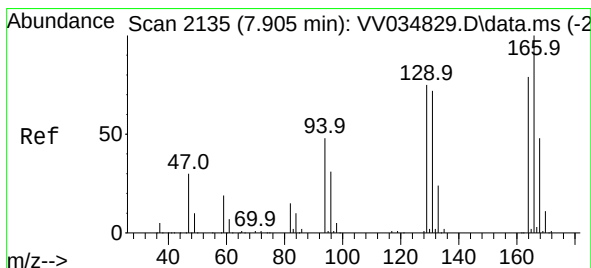
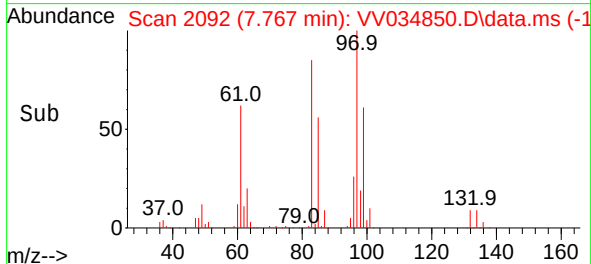
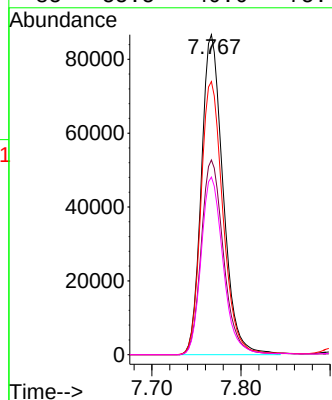
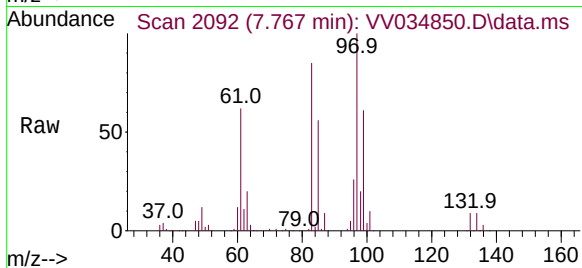
Ion Ratio Lower Upper

97 100

99 60.9 43.3 80.3

83 85.3 61.6 114.4

85 55.5 40.6 75.4



#46

Tetrachloroethene

Concen: 41.863 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Tgt Ion: 164 Resp: 95748

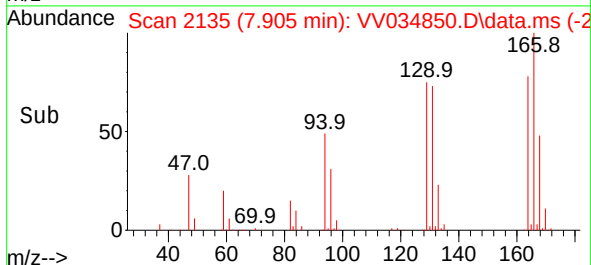
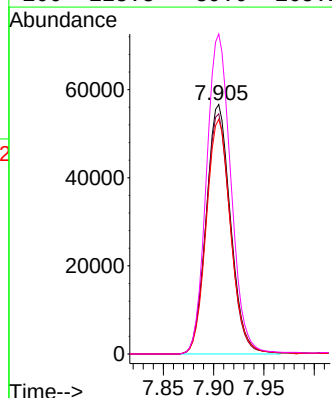
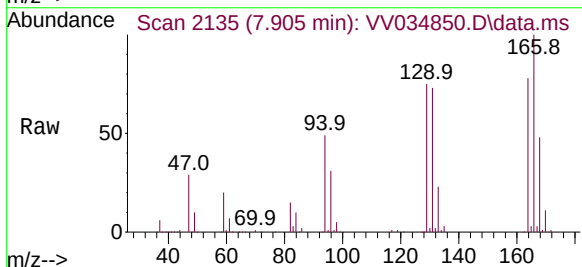
Ion Ratio Lower Upper

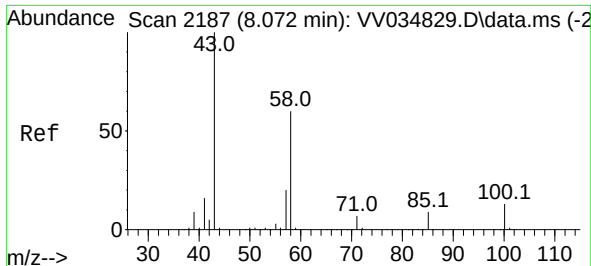
164 100

129 96.3 68.6 127.4

131 94.0 65.7 122.1

166 128.3 89.0 165.2





#48

2-Hexanone

Concen: 80.849 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 294312

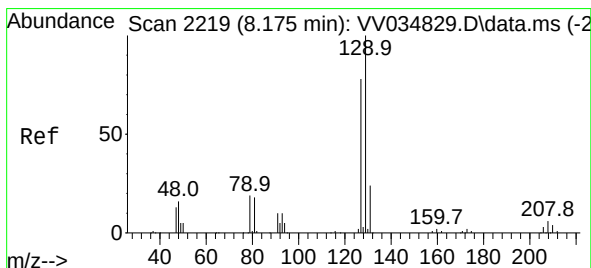
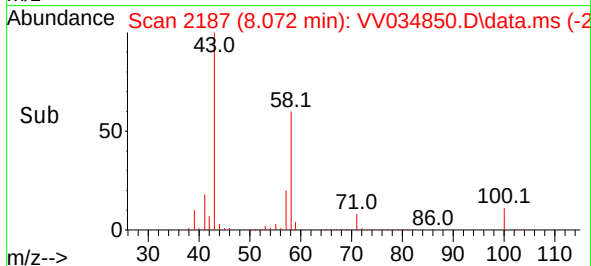
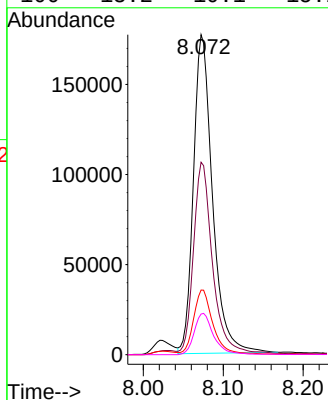
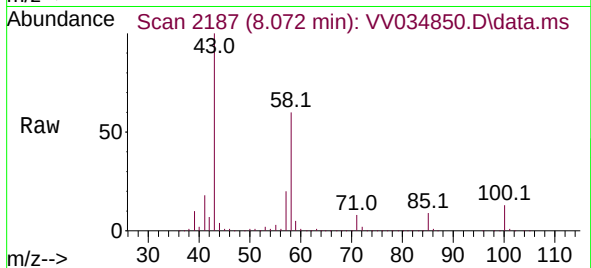
Ion Ratio Lower Upper

43 100

58 60.1 45.4 68.2

57 20.7 16.2 24.4

100 13.2 10.1 15.1



#49

Dibromochloromethane

Concen: 46.482 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV034850.D

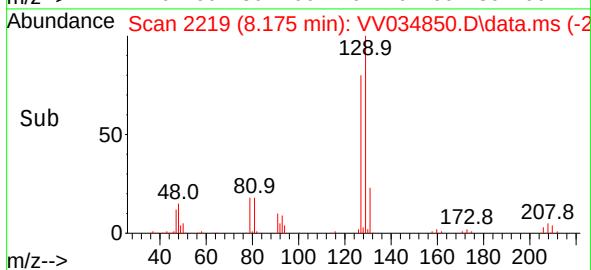
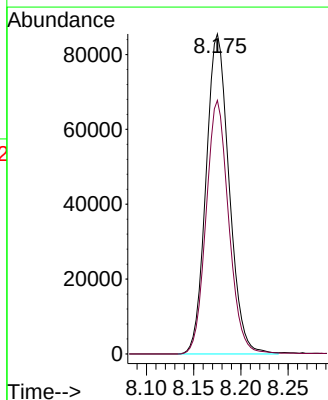
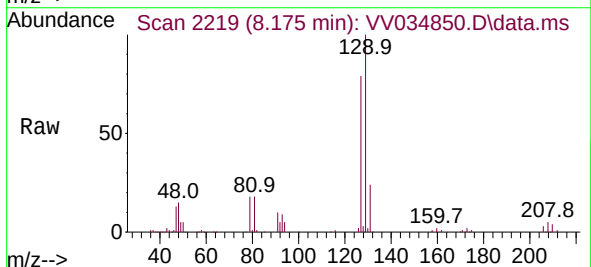
Acq: 27 Mar 2024 00:15

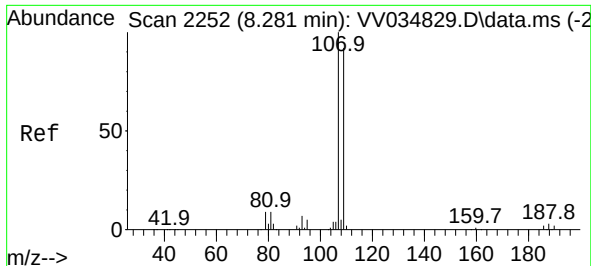
Tgt Ion: 129 Resp: 145462

Ion Ratio Lower Upper

129 100

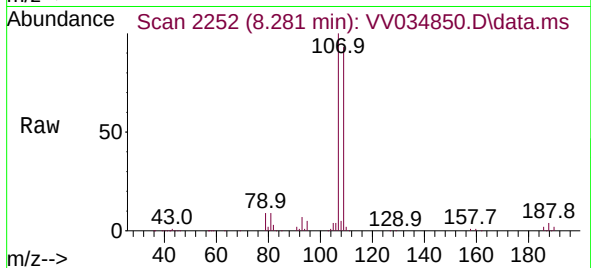
127 79.2 54.1 100.5



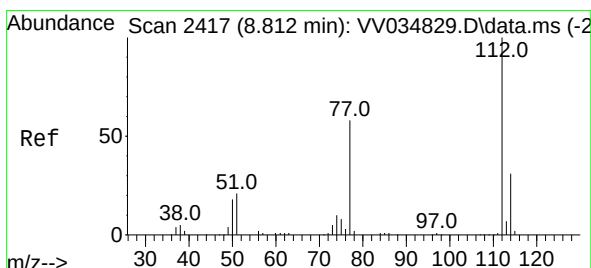
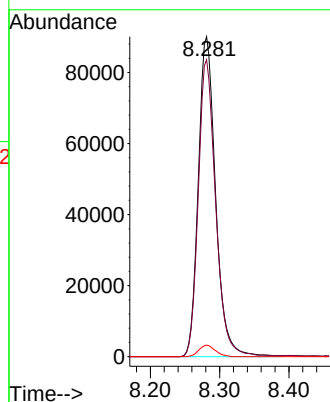
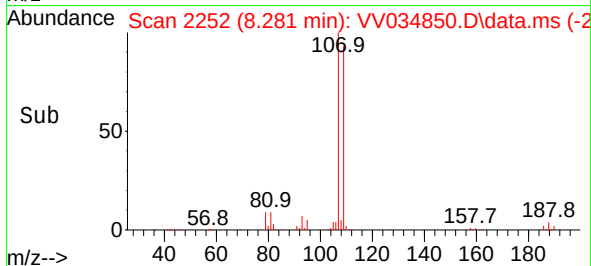


#50
1,2-Dibromoethane
Concen: 46.044 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

Instrument :
MSVOA_V
ClientSampleId :

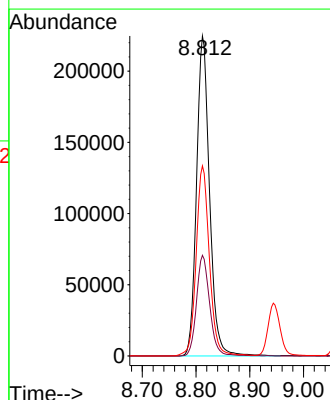
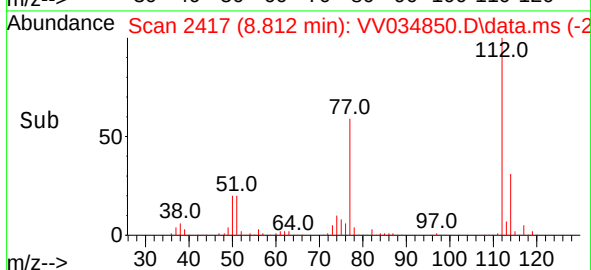
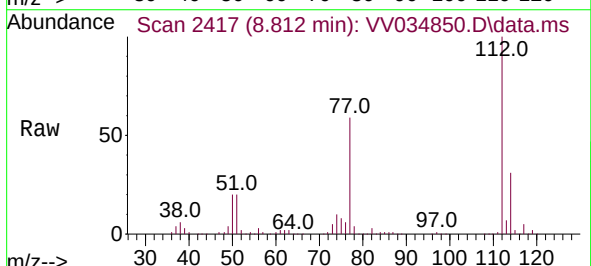


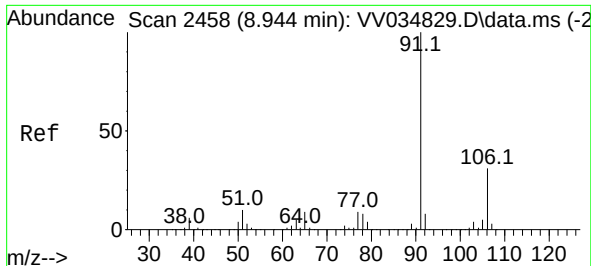
Tgt Ion:107 Resp: 156630
Ion Ratio Lower Upper
107 100
109 92.8 64.5 119.9
188 3.8 2.8 4.2



#51
Chlorobenzene
Concen: 45.849 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

Tgt Ion:112 Resp: 377385
Ion Ratio Lower Upper
112 100
114 31.4 22.0 41.0
77 59.4 47.4 71.2





#52

Ethylbenzene

Concen: 45.503 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

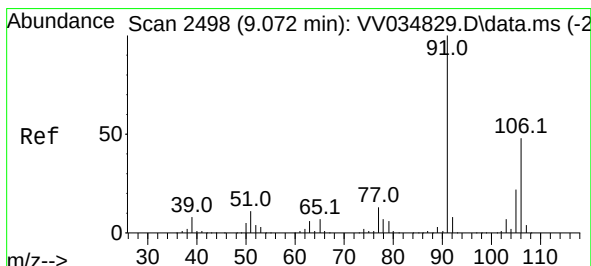
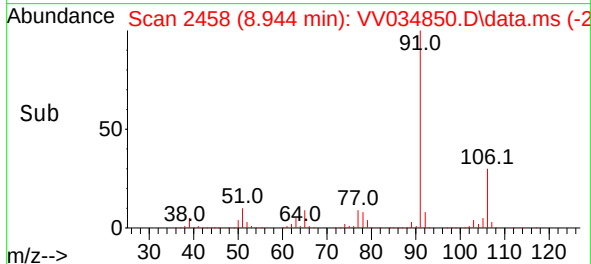
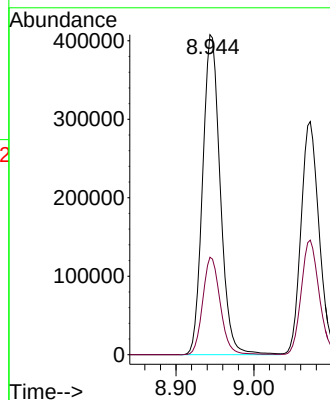
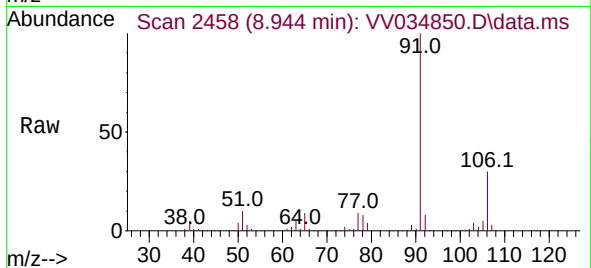
ClientSampleId :

Tgt Ion: 91 Resp: 640454

Ion Ratio Lower Upper

91 100

106 30.5 21.3 39.5



#53

m,p-Xylene

Concen: 45.227 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV034850.D

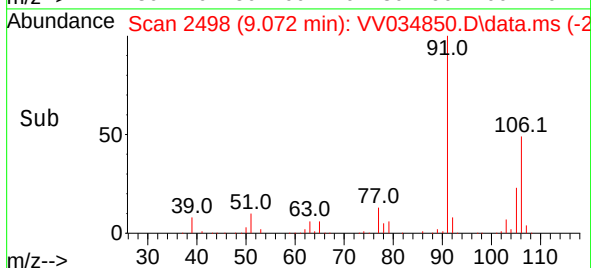
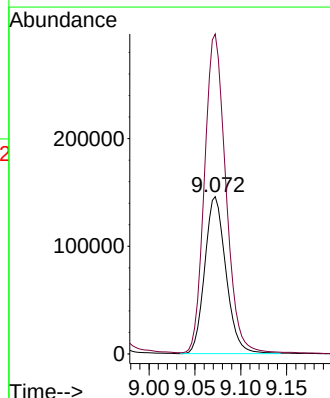
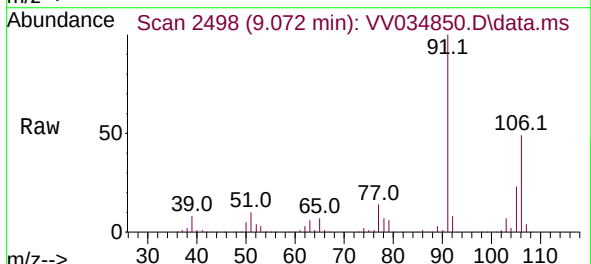
Acq: 27 Mar 2024 00:15

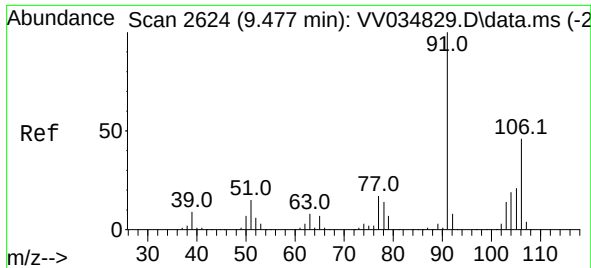
Tgt Ion:106 Resp: 234429

Ion Ratio Lower Upper

106 100

91 203.5 144.8 269.0

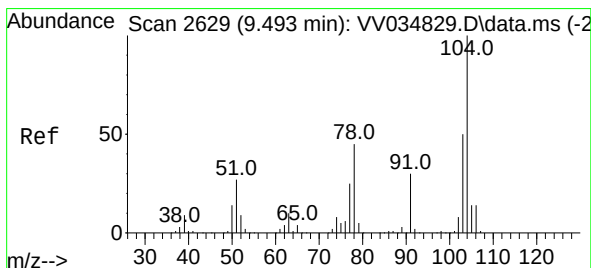
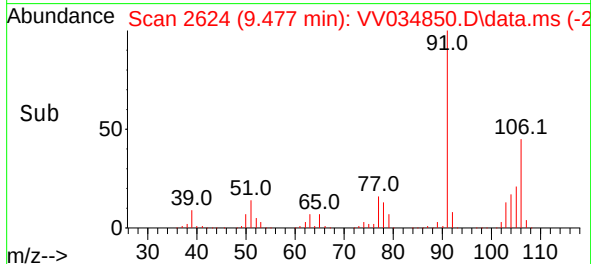
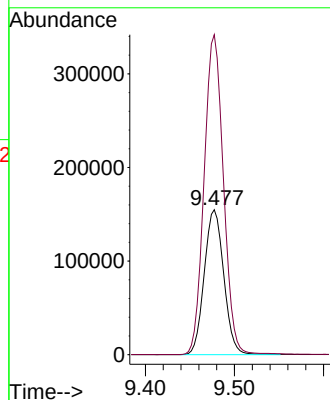
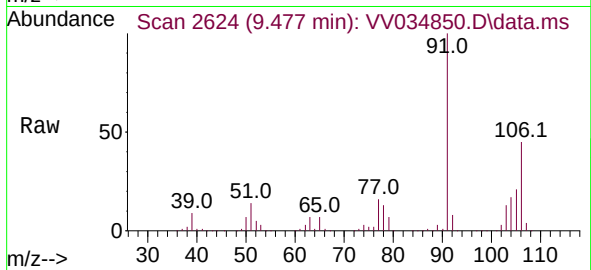




#54
o-Xylene
Concen: 45.945 ug/L
RT: 9.477 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

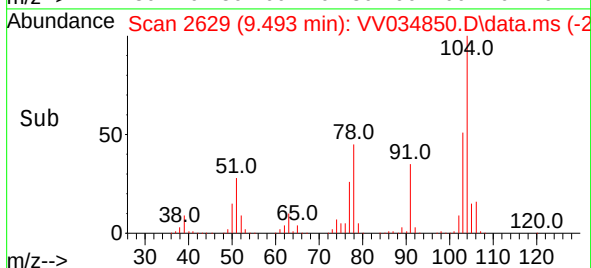
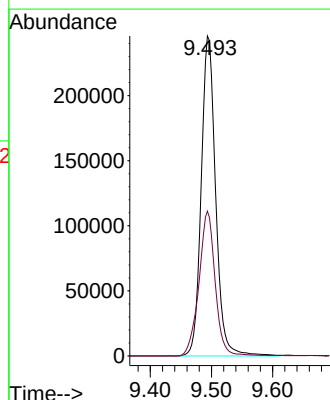
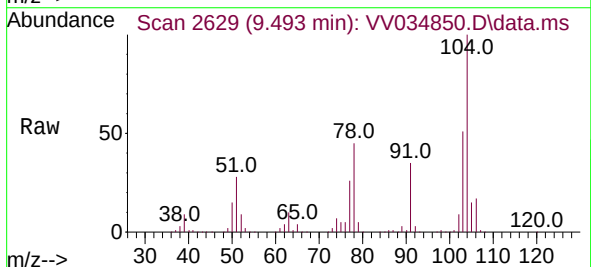
Instrument :
MSVOA_V
ClientSampleId :

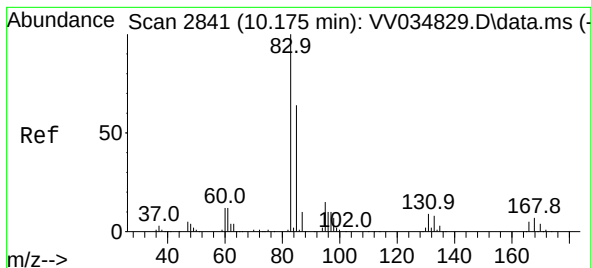
Tgt Ion:106 Resp: 235634
Ion Ratio Lower Upper
106 100
91 220.8 151.3 280.9



#55
Styrene
Concen: 46.623 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

Tgt Ion:104 Resp: 404072
Ion Ratio Lower Upper
104 100
78 45.3 31.5 58.5

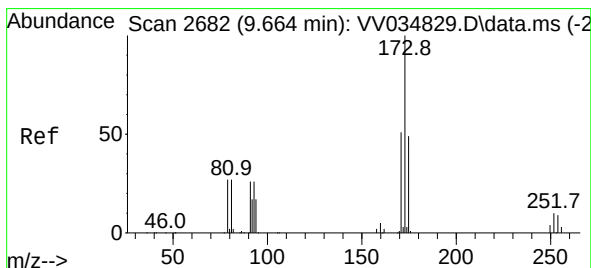
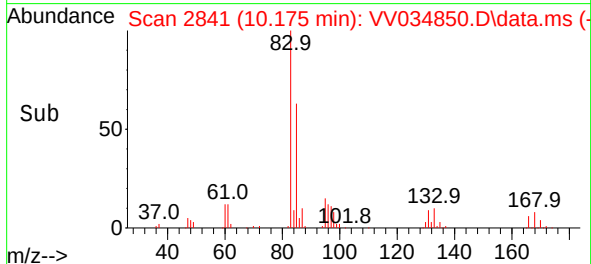
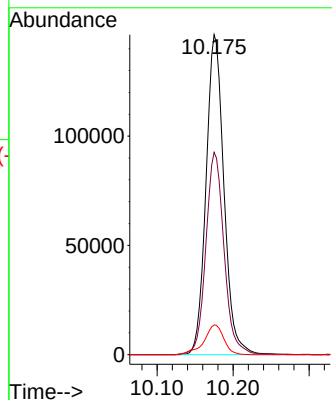
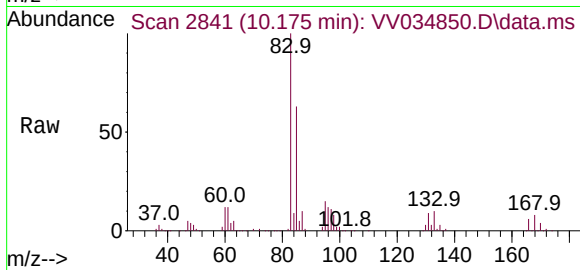




#57
1,1,2,2-Tetrachloroethane
Concen: 46.805 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

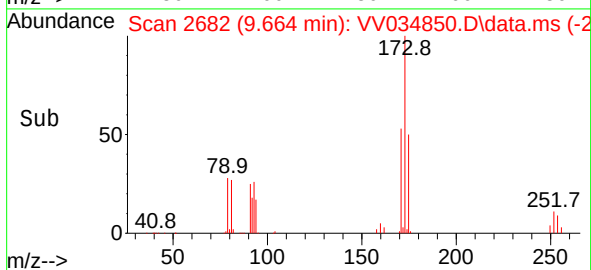
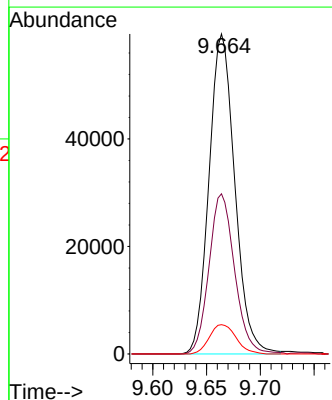
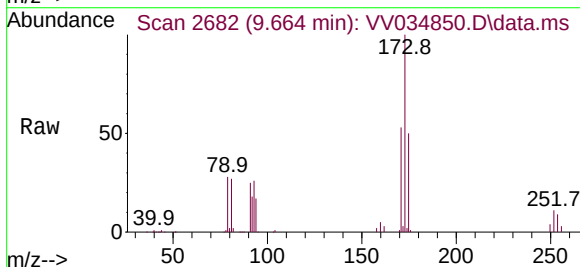
Instrument :
MSVOA_V
ClientSampleId :

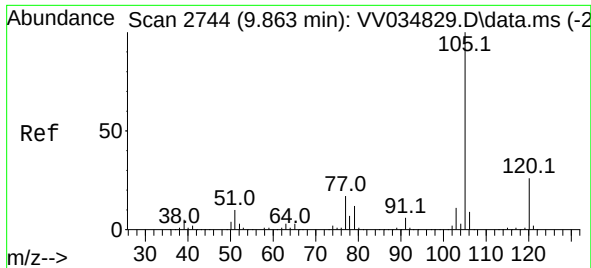
Tgt Ion: 83 Resp: 239616
Ion Ratio Lower Upper
83 100
85 63.3 44.5 82.7
131 9.3 6.9 10.3



#59
Bromoform
Concen: 45.046 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

Tgt Ion: 173 Resp: 99319
Ion Ratio Lower Upper
173 100
175 49.6 39.3 58.9
254 9.5 7.5 11.3

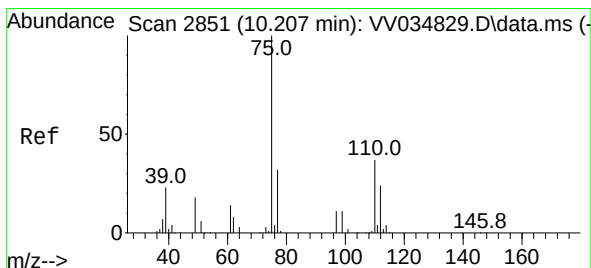
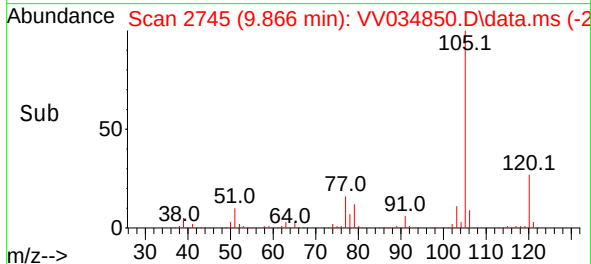
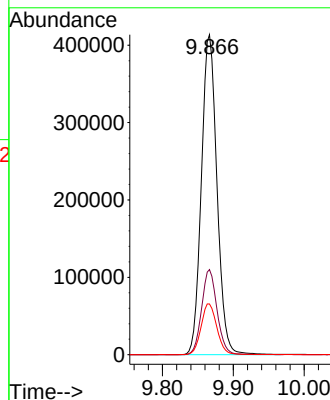
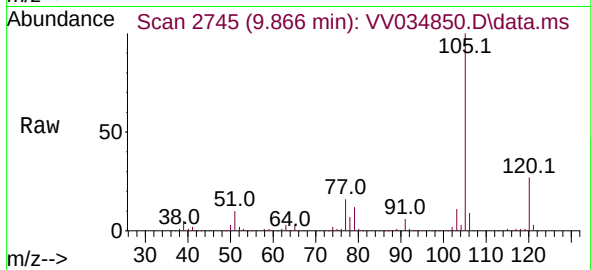




#60
Isopropylbenzene
Concen: 45.494 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

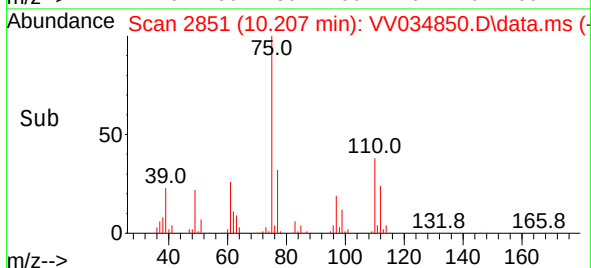
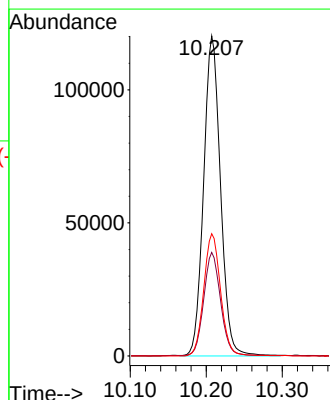
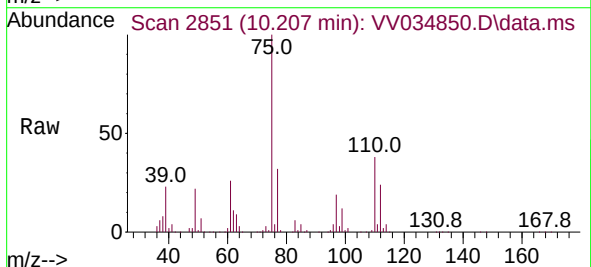
Instrument :
MSVOA_V
ClientSampleId :

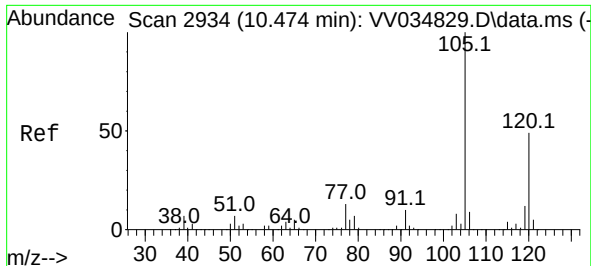
Tgt Ion:105 Resp: 631013
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 16.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 44.596 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

Tgt Ion: 75 Resp: 185927
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
110 37.9 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 44.263 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

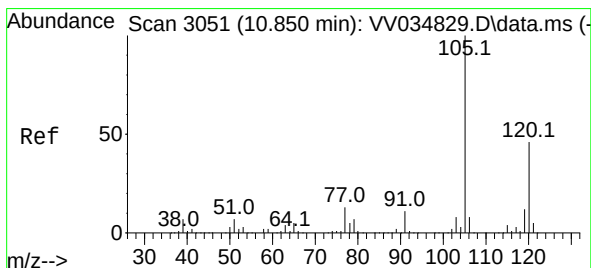
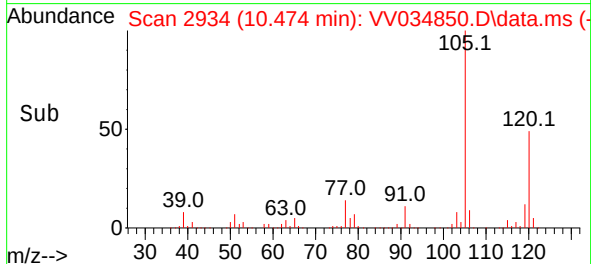
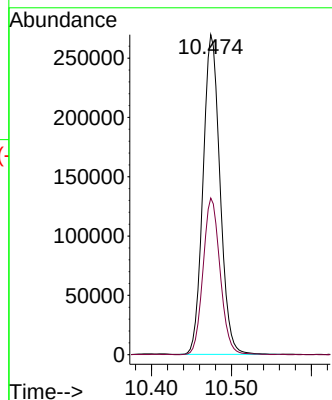
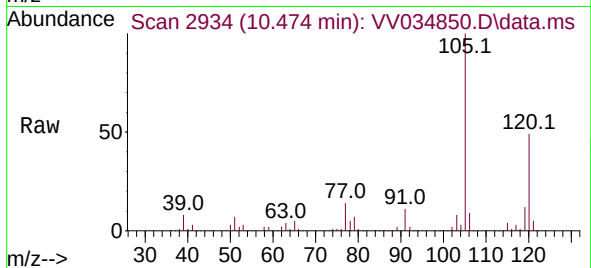
ClientSampleId :

Tgt Ion:105 Resp: 398721

Ion Ratio Lower Upper

105 100

120 49.2 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 45.087 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034850.D

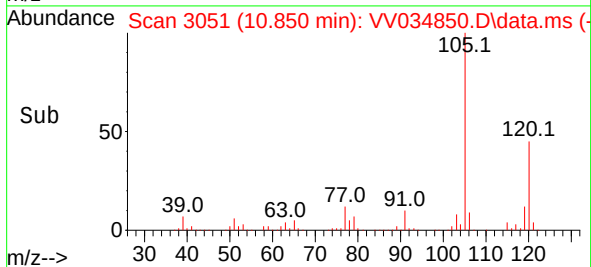
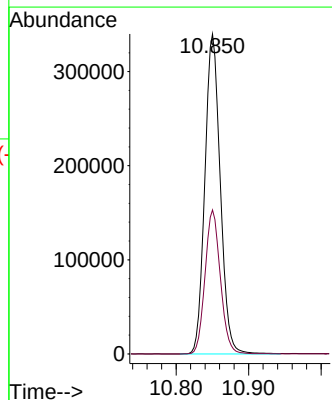
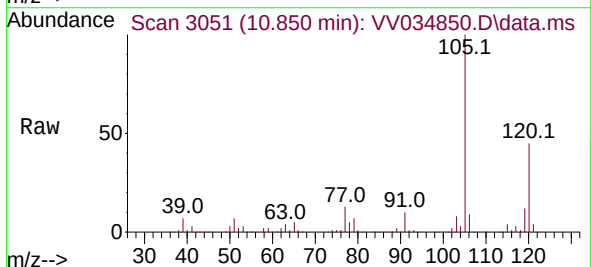
Acq: 27 Mar 2024 00:15

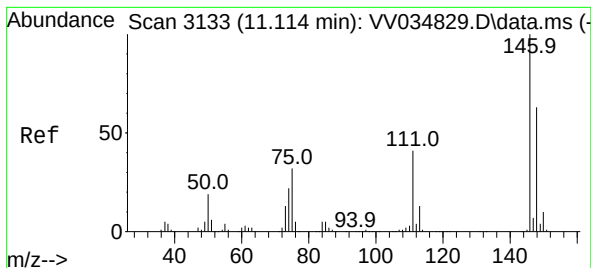
Tgt Ion:105 Resp: 502145

Ion Ratio Lower Upper

105 100

120 44.6 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 43.326 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

ClientSampleId :

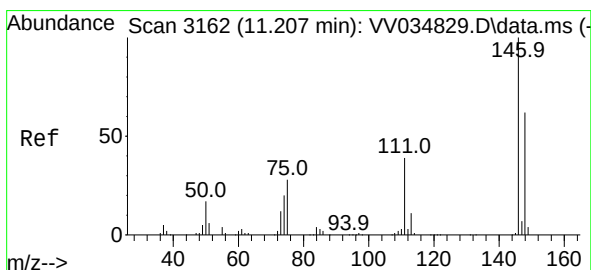
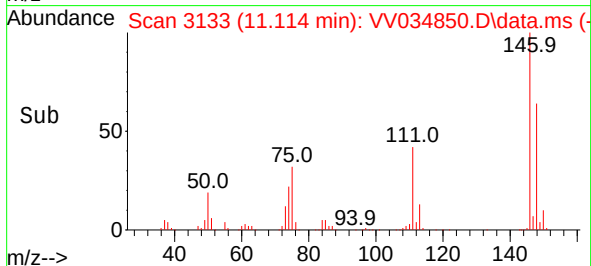
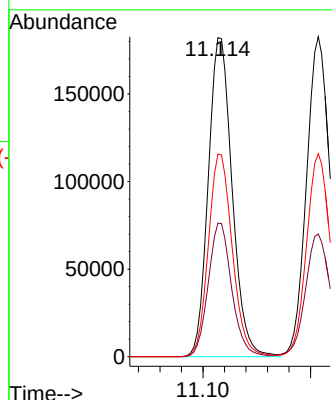
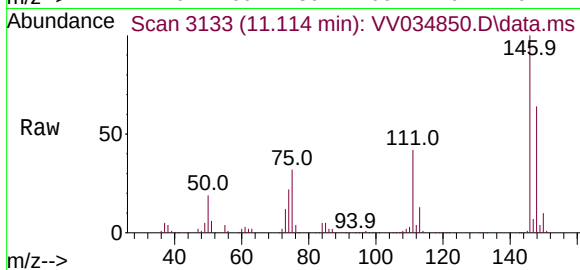
Tgt Ion:146 Resp: 280831

Ion Ratio Lower Upper

146 100

111 41.9 28.7 53.3

148 63.5 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 43.253 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

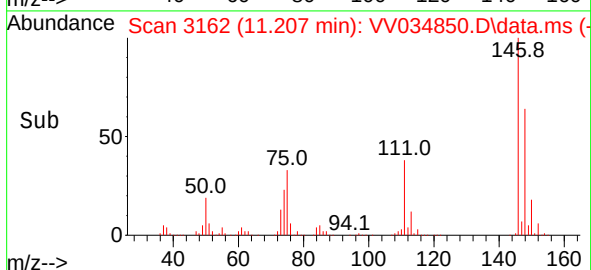
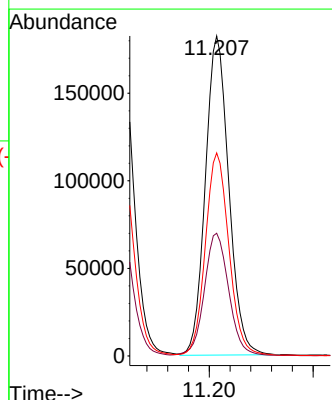
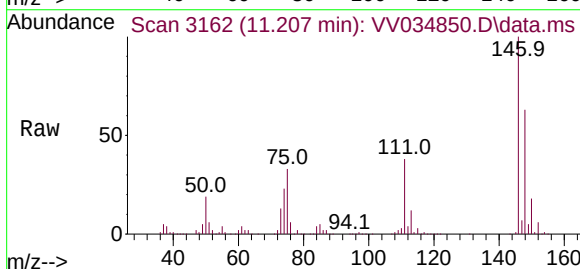
Tgt Ion:146 Resp: 285104

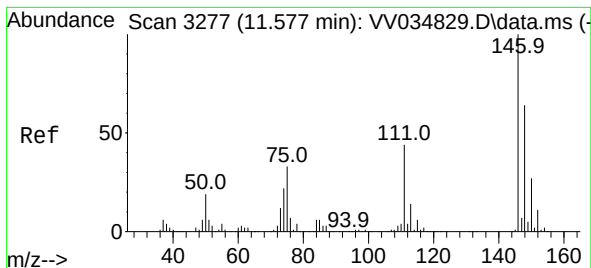
Ion Ratio Lower Upper

146 100

111 38.4 27.4 50.8

148 63.5 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 44.534 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

ClientSampleId :

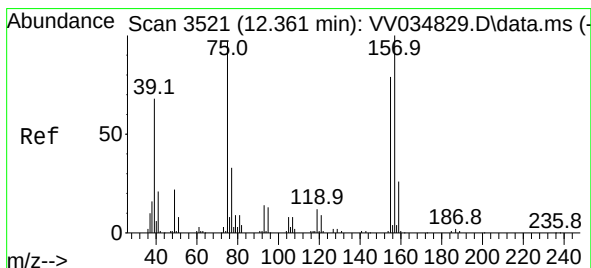
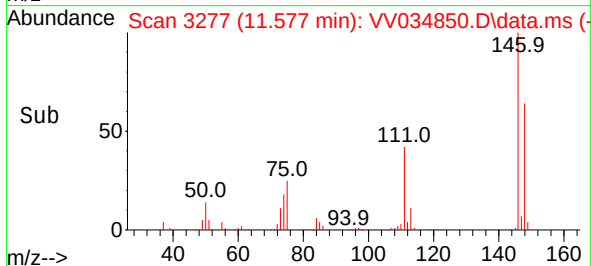
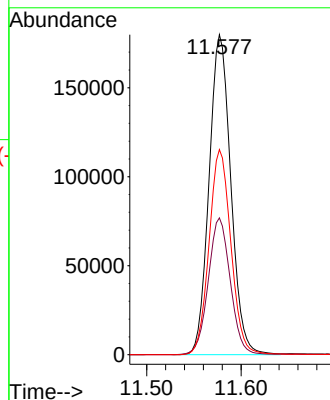
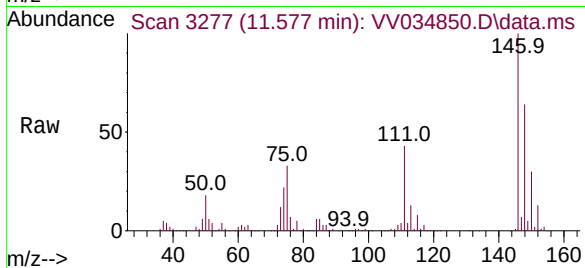
Tgt Ion:146 Resp: 287557

Ion Ratio Lower Upper

146 100

111 42.7 34.6 52.0

148 64.1 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 42.978 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

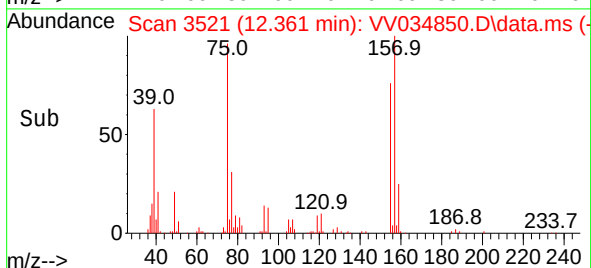
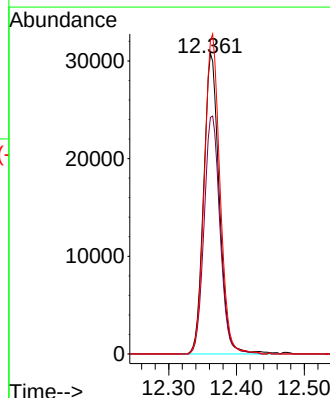
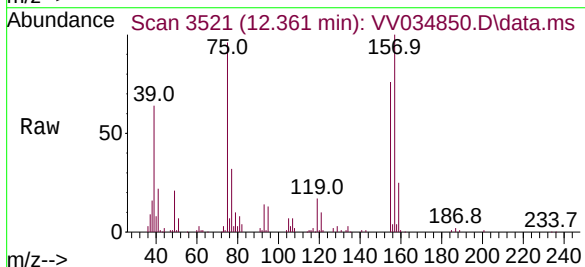
Tgt Ion: 75 Resp: 49365

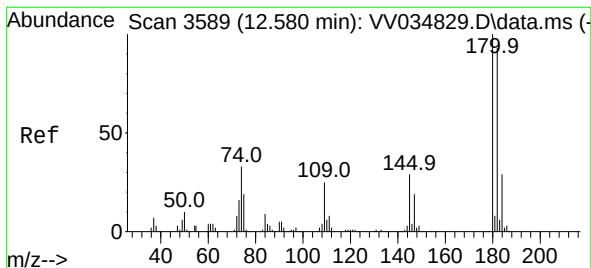
Ion Ratio Lower Upper

75 100

155 78.8 63.0 94.6

157 104.3 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 39.298 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

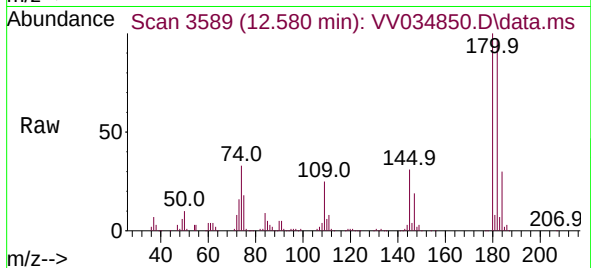
Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 183579

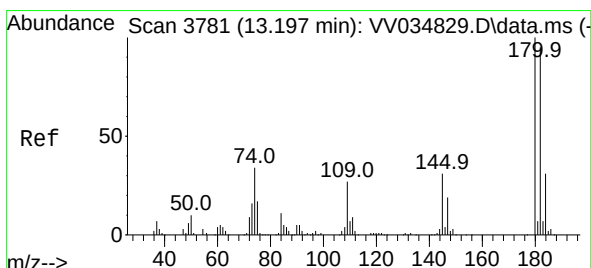
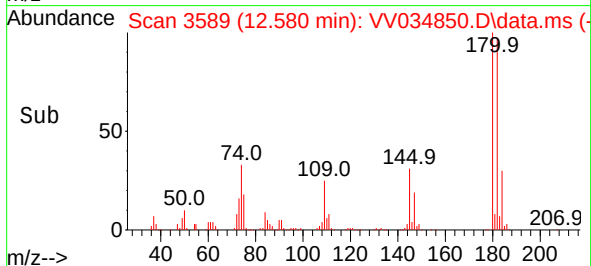
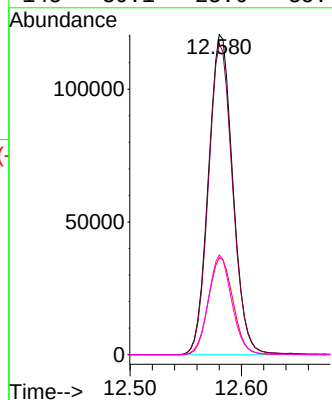
Ion Ratio Lower Upper

180 100

182 97.0 74.7 112.1

184 30.4 24.0 36.0

145 30.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 42.461 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034850.D

Acq: 27 Mar 2024 00:15

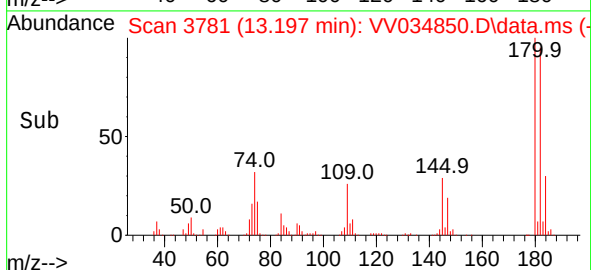
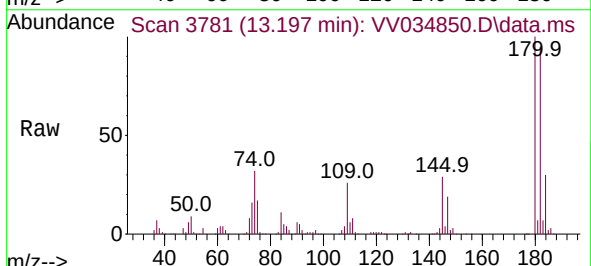
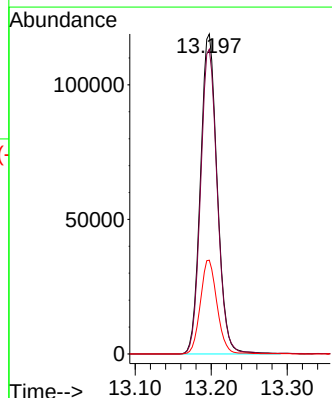
Tgt Ion:180 Resp: 182205

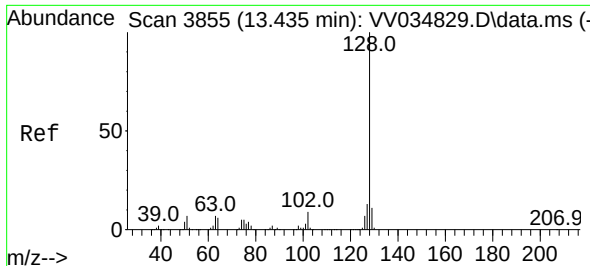
Ion Ratio Lower Upper

180 100

182 94.9 75.6 113.4

145 28.9 24.1 36.1

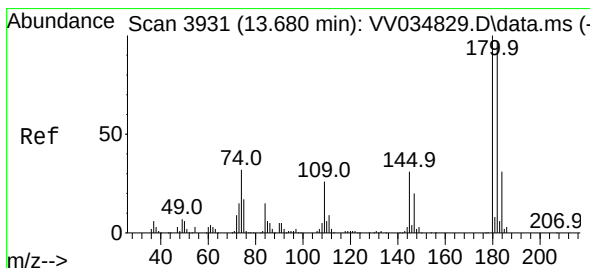
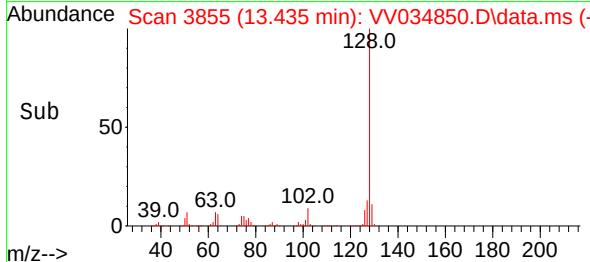
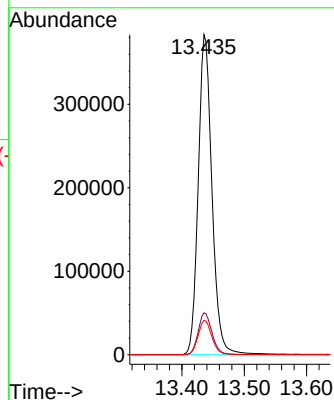
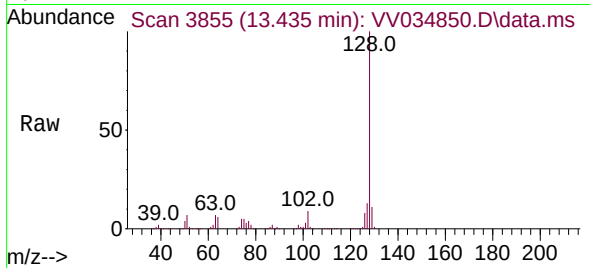




#71
Naphthalene
Concen: 49.259 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 586446
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 45.970 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV034850.D
Acq: 27 Mar 2024 00:15

Tgt Ion:180 Resp: 194445
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.2
145 31.9 25.8 38.6

