

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
 Data File : VV034854.D
 Acq On : 27 Mar 2024 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 01:51:39 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	340450	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	333813	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	173534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	146501	44.558	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.120%
7) Chloroethane-d5	1.532	69	143874	50.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.760%
11) 1,1-Dichloroethene-d2	2.060	65	64383	44.671	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.340%
21) 2-Butanone-d5	3.786	46	192263	98.597	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.600%
24) Chloroform-d	4.246	84	274075	49.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.160%
26) 1,2-Dichloroethane-d4	4.937	65	170063	48.455	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.900%
32) Benzene-d6	4.957	84	526235	46.931	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
36) 1,2-Dichloropropane-d6	5.986	67	169488	47.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.200%
41) Toluene-d8	7.239	98	471994	46.740	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.480%
43) trans-1,3-Dichloroprop...	7.551	79	80455	46.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.960%
47) 2-Hexanone-d5	8.021	63	128381	95.364	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.360%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	249992	50.984	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.960%
66) 1,2-Dichlorobenzene-d4	11.558	152	184813	47.434	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	122679	49.718	ug/L	99
3) Chloromethane	1.217	50	145553	45.884	ug/L	99
5) Vinyl chloride	1.285	62	159771	48.044	ug/L	99
6) Bromomethane	1.487	94	121527	48.752	ug/L	99
8) Chloroethane	1.548	64	116886	51.464	ug/L	99
9) Trichlorofluoromethane	1.712	101	222661	51.014	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	139316	52.148	ug/L	99
12) 1,1-Dichloroethene	2.069	96	127188	49.778	ug/L	95
13) Acetone	2.118	43	206773	115.500	ug/L	100
14) Carbon disulfide	2.243	76	334501	46.488	ug/L	100
15) Methyl Acetate	2.372	43	133067	47.167	ug/L	96
16) Methylene chloride	2.445	84	138617	50.069	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	124323	50.327	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	426340	49.136	ug/L	100
19) 1,1-Dichloroethane	3.111	63	255486	50.434	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	142046	50.638	ug/L	96
22) 2-Butanone	3.867	43	206925	99.609	ug/L	99
23) Bromochloromethane	4.146	128	72328	51.535	ug/L	94
25) Chloroform	4.275	83	258072	51.527	ug/L	100

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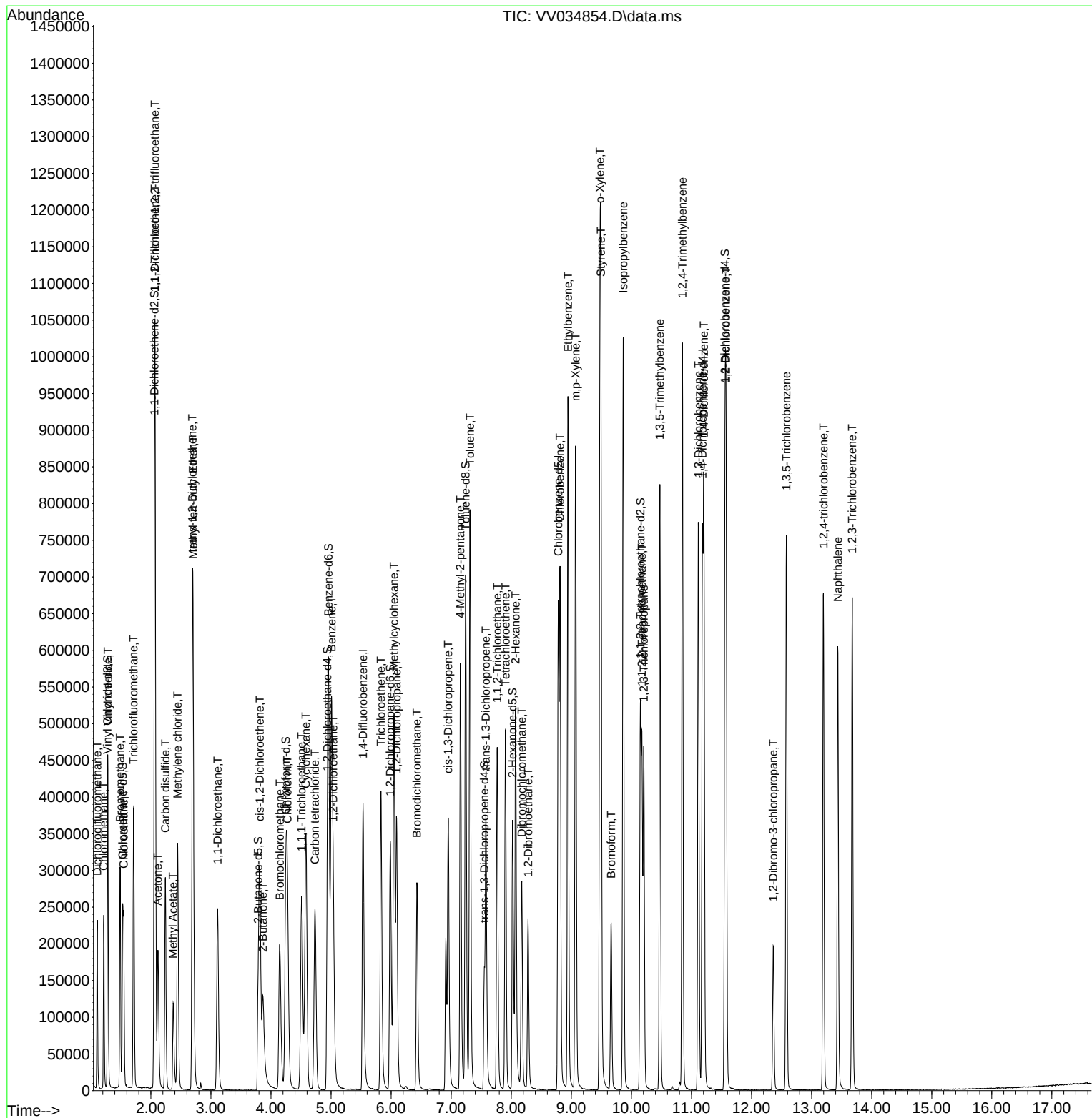
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	202224	50.712	ug/L	99
29) Cyclohexane	4.580	56	197955	47.347	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	216728	49.808	ug/L	99
31) Carbon tetrachloride	4.732	117	185738	50.362	ug/L	100
33) Benzene	5.008	78	536222	49.262	ug/L	100
34) Trichloroethene	5.831	95	145767	49.620	ug/L	99
35) Methylcyclohexane	6.050	83	220582	49.719	ug/L	98
37) 1,2-Dichloropropane	6.092	63	149431	49.675	ug/L	99
38) Bromodichloromethane	6.429	83	191819	49.422	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	237691	50.159	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	369218	96.133	ug/L	100
42) Toluene	7.313	91	581658	51.040	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	218632	50.219	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	143798	50.717	ug/L	99
46) Tetrachloroethene	7.905	164	107191	52.228	ug/L	99
48) 2-Hexanone	8.072	43	314555	96.296	ug/L	97
49) Dibromochloromethane	8.175	129	139812	49.788	ug/L	98
50) 1,2-Dibromoethane	8.281	107	151169	49.523	ug/L	97
51) Chlorobenzene	8.812	112	373007	50.502	ug/L	99
52) Ethylbenzene	8.944	91	648947	51.381	ug/L	99
53) m,p-Xylene	9.072	106	240532	51.714	ug/L	97
54) o-Xylene	9.477	106	235041	51.073	ug/L	99
55) Styrene	9.493	104	409648	52.674	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	229154	49.883	ug/L	100
59) Bromoform	9.664	173	99430	49.999	ug/L	98
60) Isopropylbenzene	9.866	105	641876	51.308	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	181505	48.268	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	419295	51.606	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	522182	51.982	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	296815	50.769	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	304207	51.168	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	296431	50.898	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	48491	46.807	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	219187	52.020	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	194519	50.258	ug/L	99
71) Naphthalene	13.435	128	458558	42.704	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	192460	50.447	ug/L	100

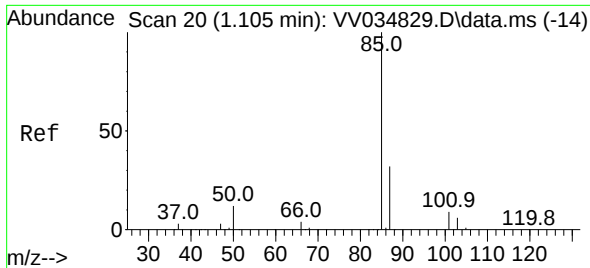
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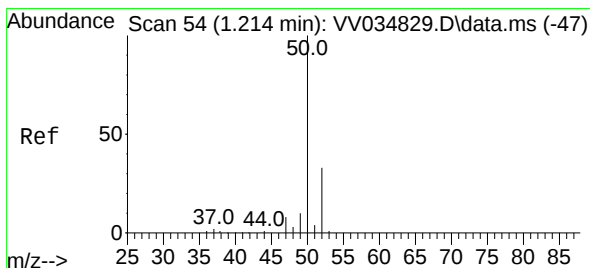
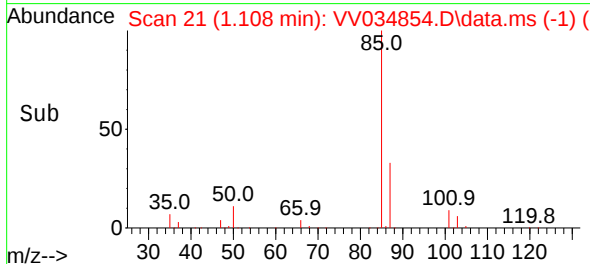
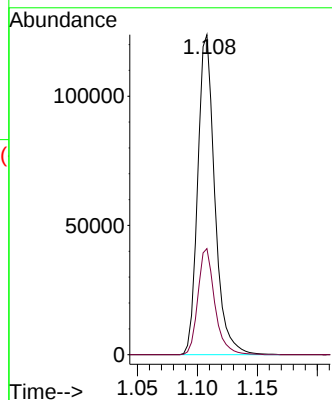
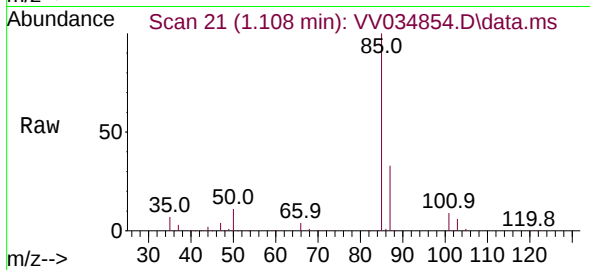




#2
Dichlorodifluoromethane
Concen: 49.718 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

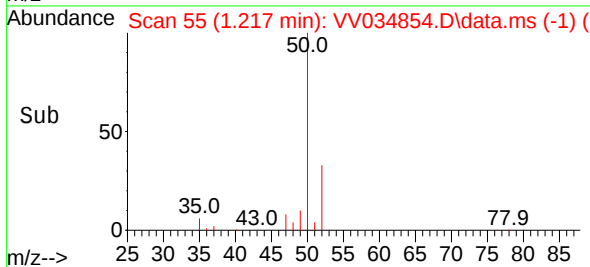
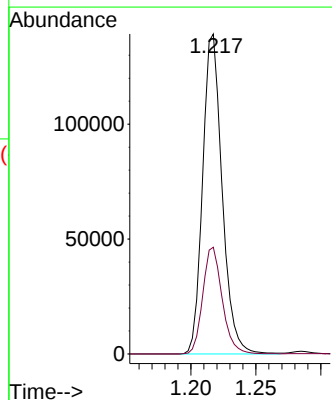
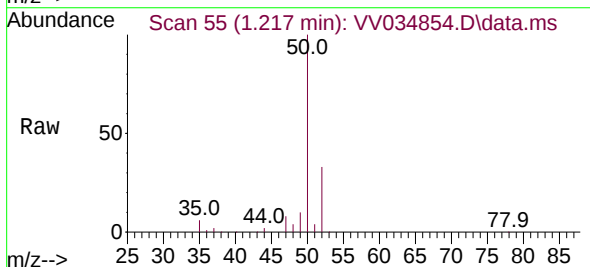
Instrument :
MSVOA_V
ClientSampleId :

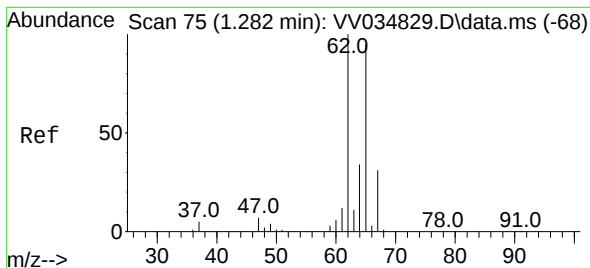
Tgt Ion: 85 Resp: 122679
Ion Ratio Lower Upper
85 100
87 32.8 25.7 38.5



#3
Chloromethane
Concen: 45.884 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.003 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Tgt Ion: 50 Resp: 145553
Ion Ratio Lower Upper
50 100
52 33.3 23.0 42.8





#5

Vinyl chloride

Concen: 48.044 ug/L

RT: 1.285 min Scan# 75

Delta R.T. 0.003 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

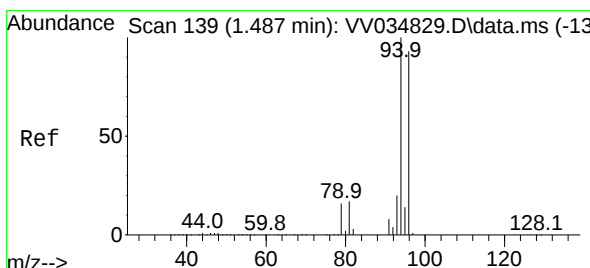
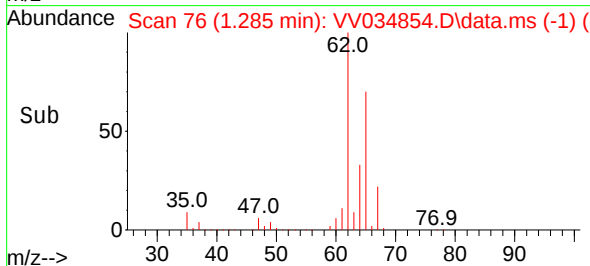
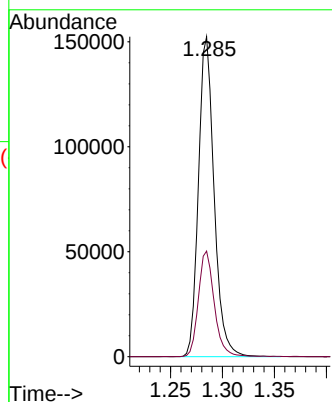
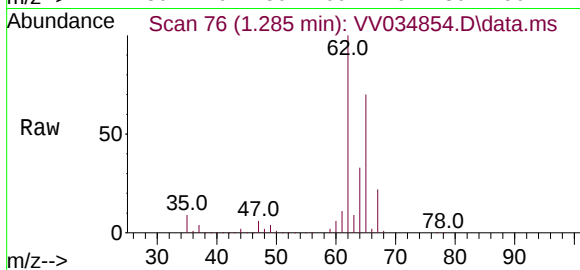
ClientSampleId :

Tgt Ion: 62 Resp: 159771

Ion Ratio Lower Upper

62 100

64 33.0 23.6 43.8



#6

Bromomethane

Concen: 48.752 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV034854.D

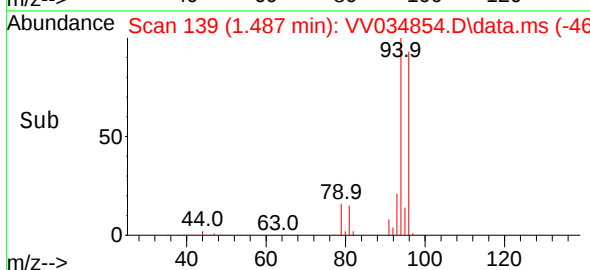
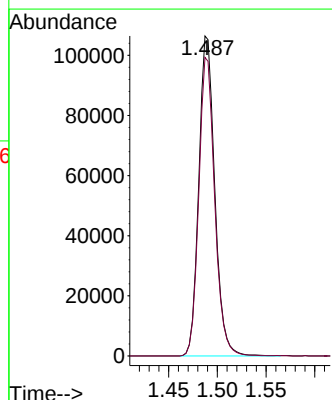
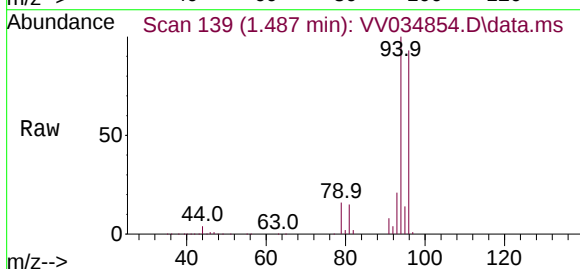
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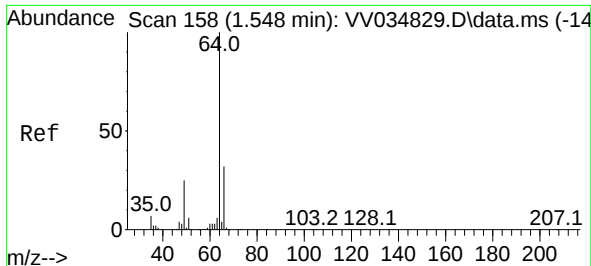
Tgt Ion: 94 Resp: 121527

Ion Ratio Lower Upper

94 100

96 93.3 66.3 123.1

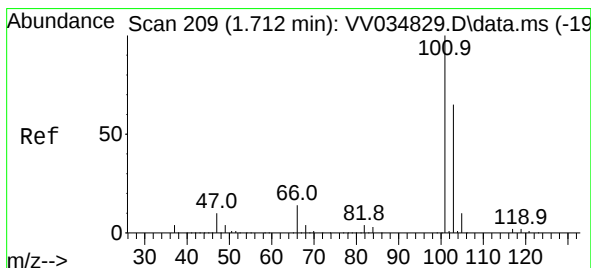
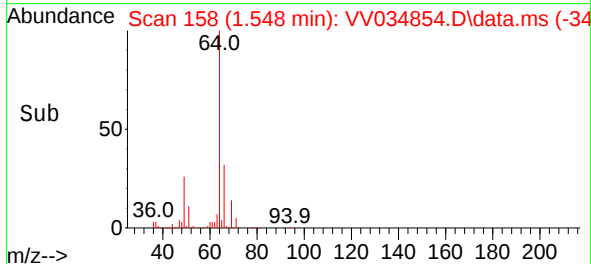
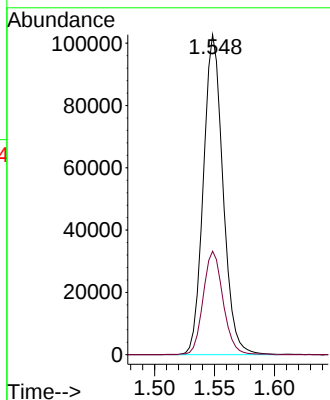
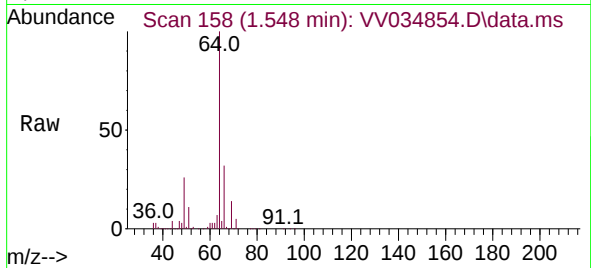




#8
Chloroethane
Concen: 51.464 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

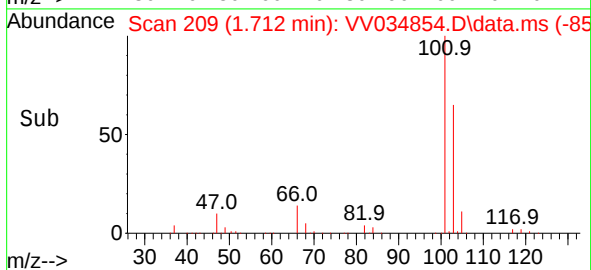
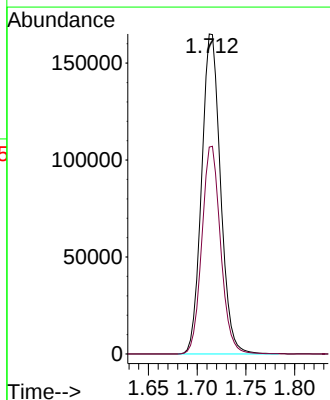
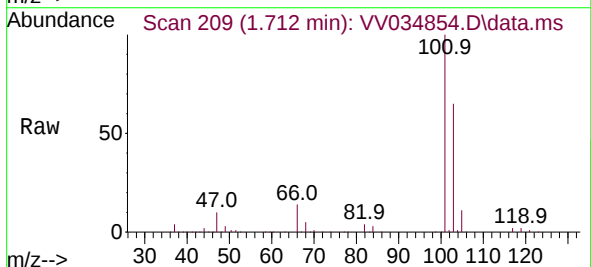
Instrument :
MSVOA_V
ClientSampleId :

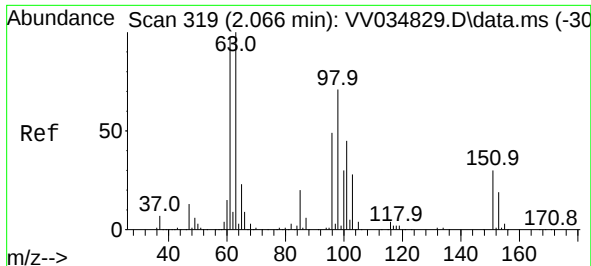
Tgt Ion: 64 Resp: 116886
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 51.014 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Tgt Ion:101 Resp: 222661
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

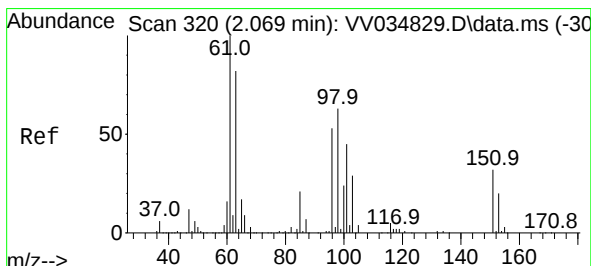
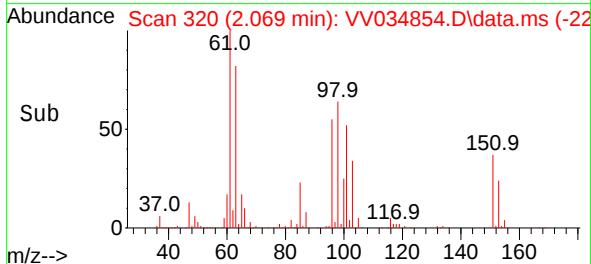
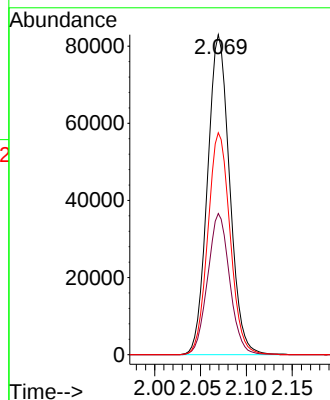
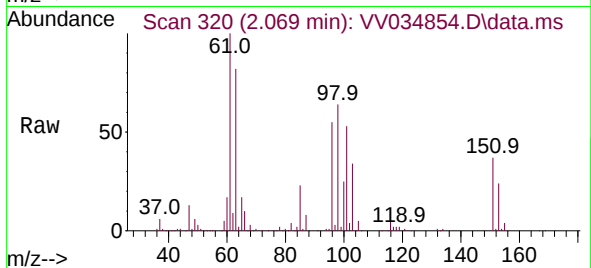




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.148 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

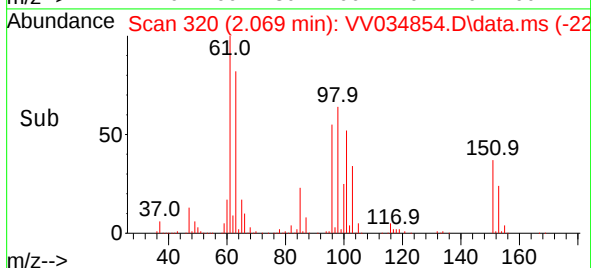
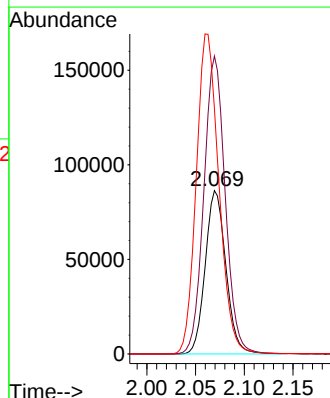
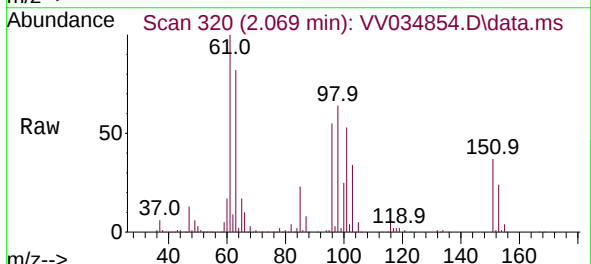
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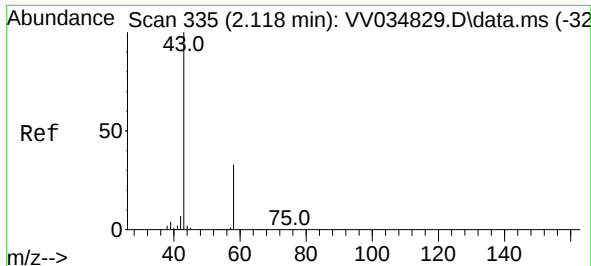
Tgt Ion:101 Resp: 139316
Ion Ratio Lower Upper
101 100
85 43.8 35.3 52.9
151 69.7 55.0 82.4



#12
1,1-Dichloroethene
Concen: 49.778 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Tgt Ion: 96 Resp: 127188
Ion Ratio Lower Upper
96 100
61 182.5 131.5 244.3
63 150.2 111.4 206.8





#13

Acetone

Concen: 115.500 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

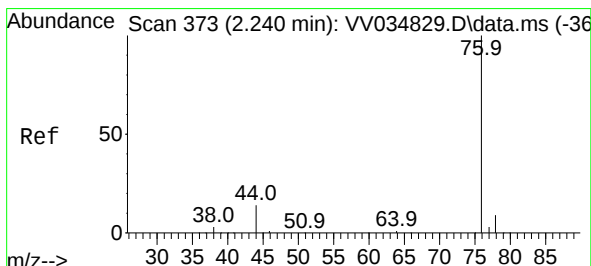
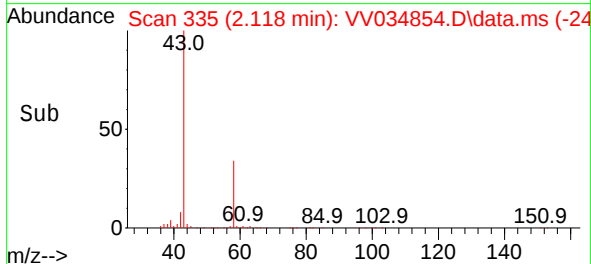
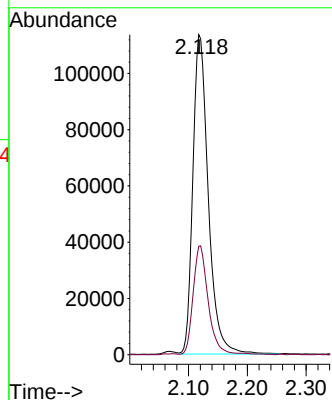
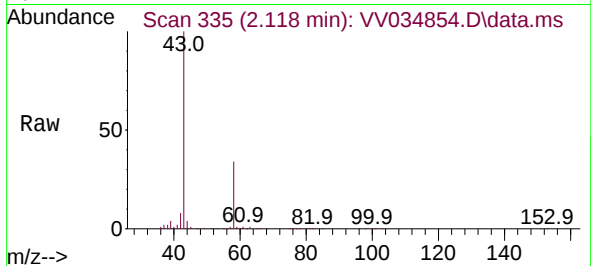
ClientSampleId :

Tgt Ion: 43 Resp: 206773

Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.0



#14

Carbon disulfide

Concen: 46.488 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034854.D

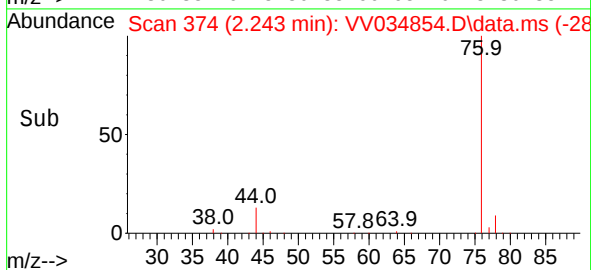
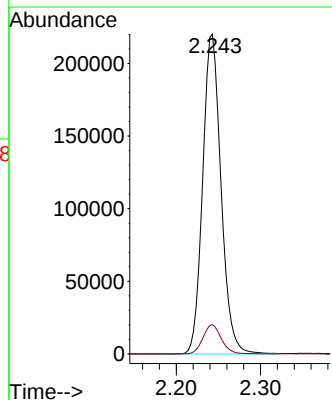
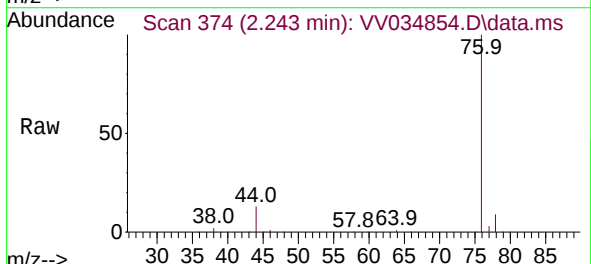
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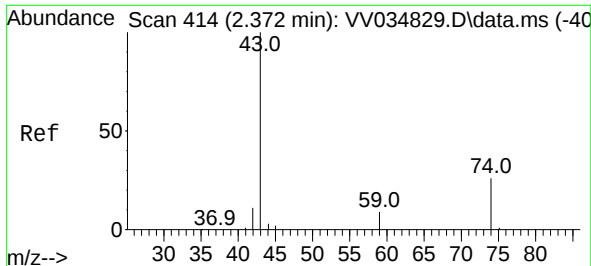
Tgt Ion: 76 Resp: 334501

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 47.167 ug/L

RT: 2.372 min Scan# 414

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

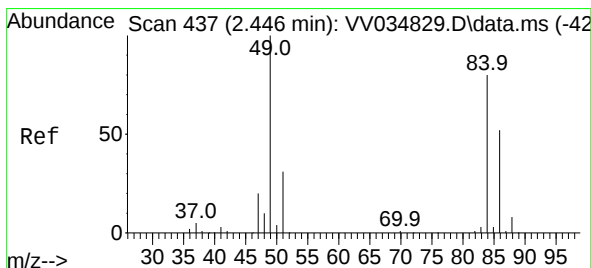
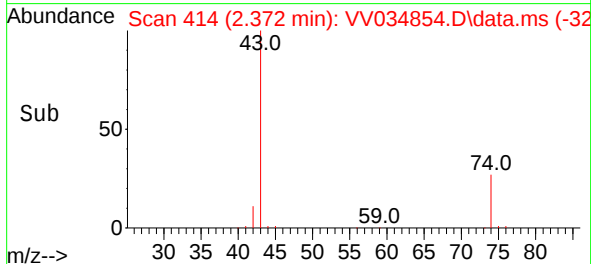
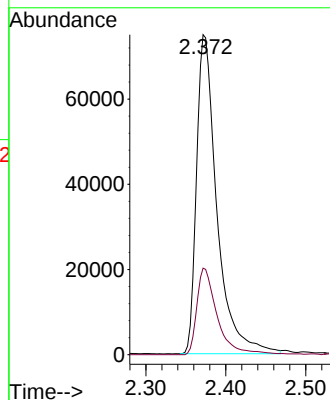
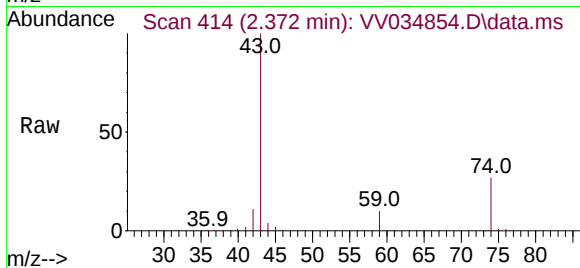
ClientSampleId :

Tgt Ion: 43 Resp: 133067

Ion Ratio Lower Upper

43 100

74 27.0 19.8 29.8



#16

Methylene chloride

Concen: 50.069 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

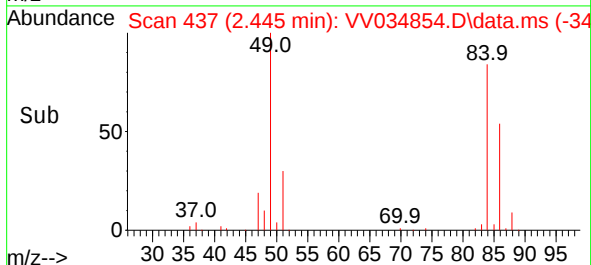
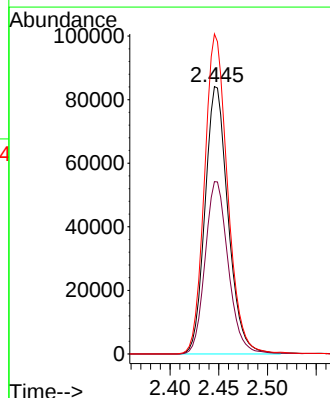
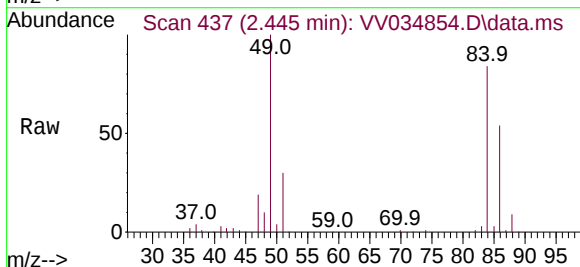
Tgt Ion: 84 Resp: 138617

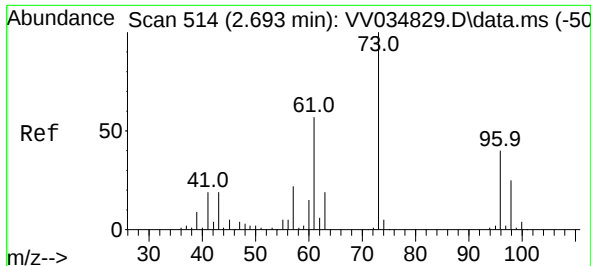
Ion Ratio Lower Upper

84 100

86 64.4 44.6 82.8

49 119.7 86.9 161.3

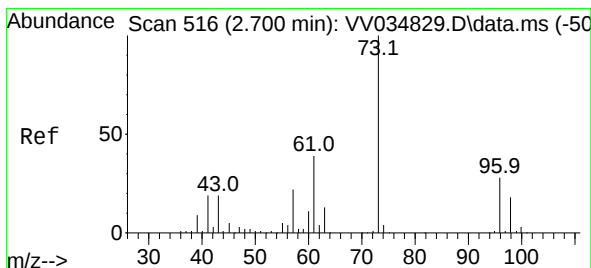
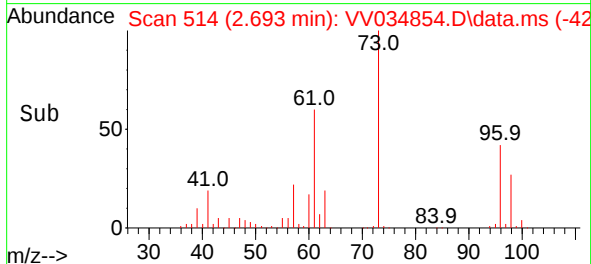
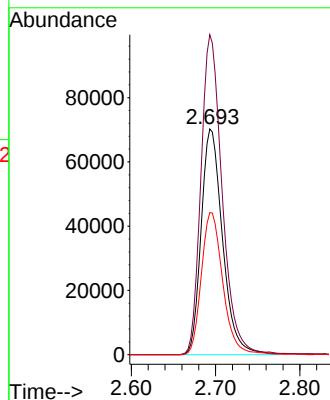
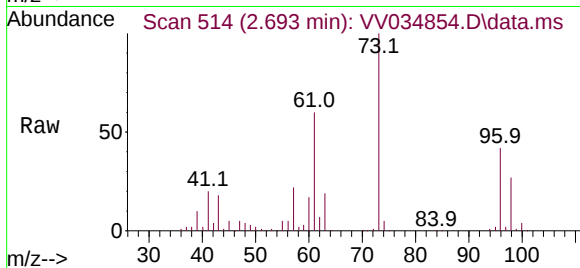




#17
trans-1,2-Dichloroethene
Concen: 50.327 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

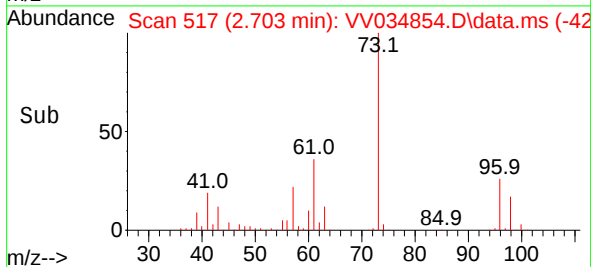
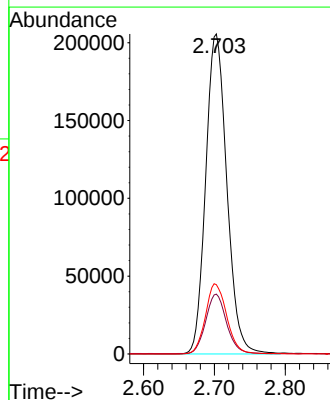
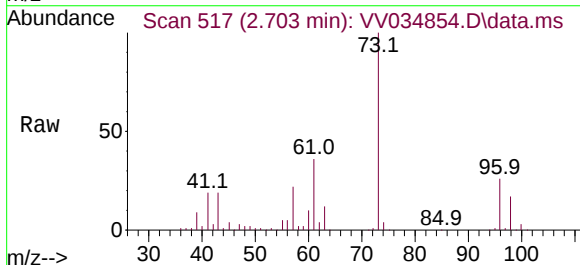
Instrument :
MSVOA_V
ClientSampleId :

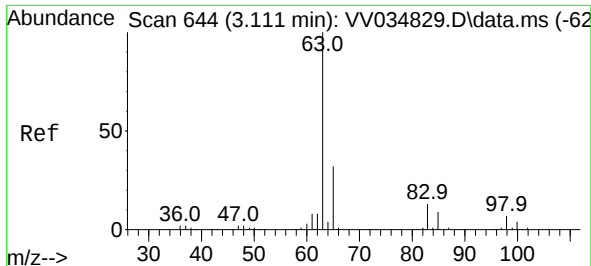
Tgt Ion: 96 Resp: 124323
Ion Ratio Lower Upper
96 100
61 141.8 99.0 183.8
98 62.9 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 49.136 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

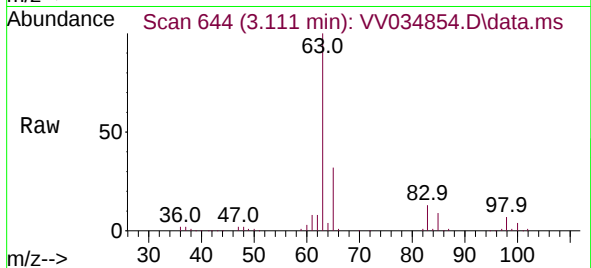
Tgt Ion: 73 Resp: 426340
Ion Ratio Lower Upper
73 100
43 18.2 14.6 21.8
57 22.1 17.6 26.4



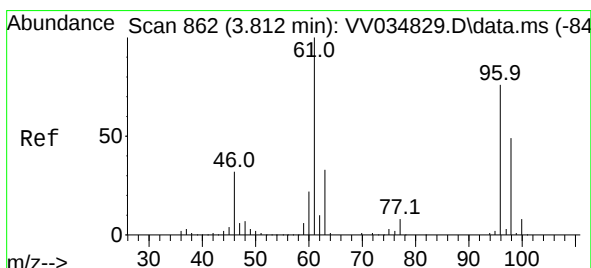
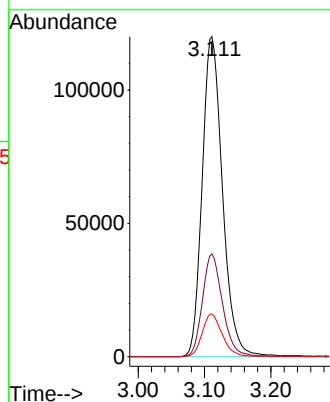
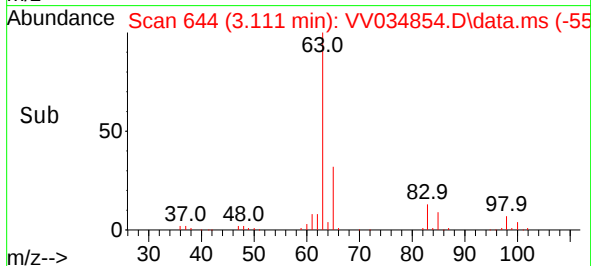


#19
1,1-Dichloroethane
Concen: 50.434 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Instrument :
MSVOA_V
ClientSampleId :

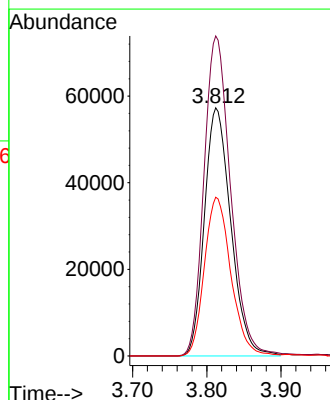
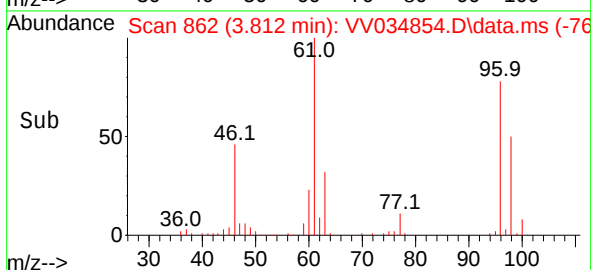
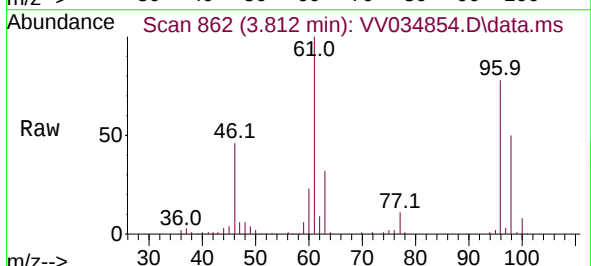


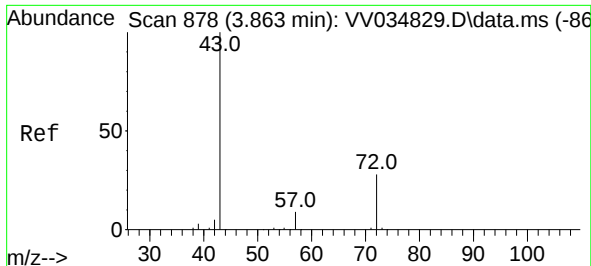
Tgt Ion: 63 Resp: 255486
Ion Ratio Lower Upper
63 100
65 32.1 23.0 42.6
83 13.3 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 50.638 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Tgt Ion: 96 Resp: 142046
Ion Ratio Lower Upper
96 100
61 128.9 94.9 176.3
98 63.9 45.6 84.8

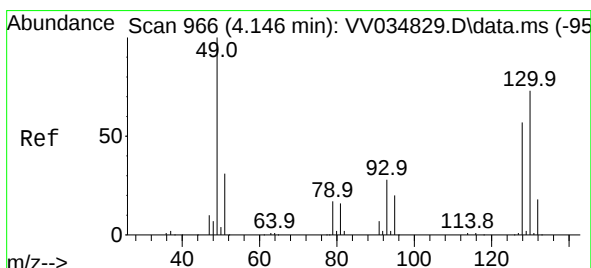
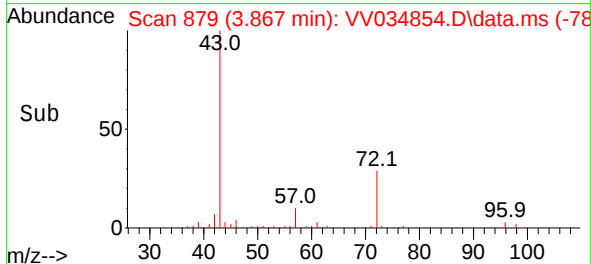
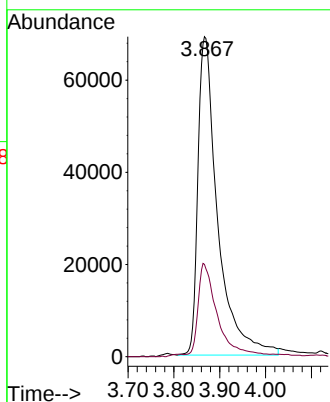
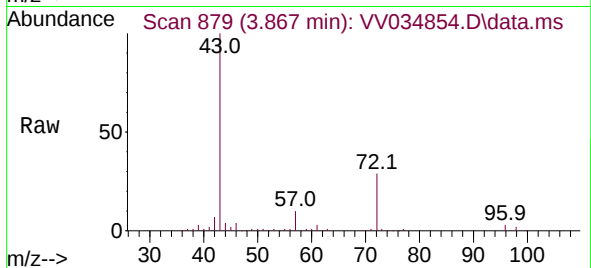




#22
2-Butanone
Concen: 99.609 ug/L
RT: 3.867 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

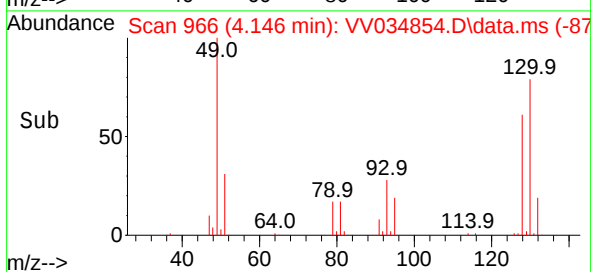
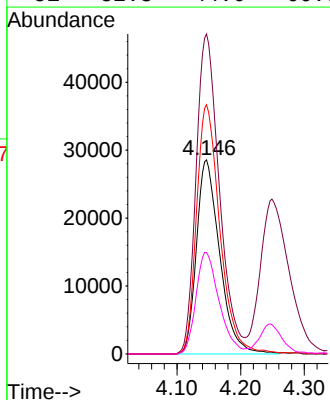
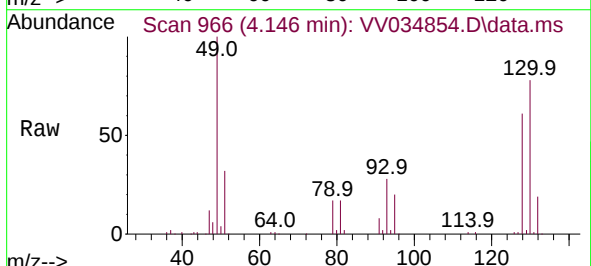
Instrument :
MSVOA_V
ClientSampleId :

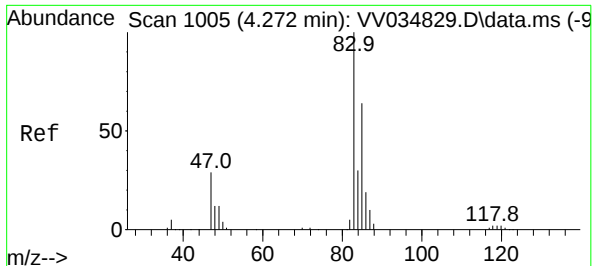
Tgt Ion: 43 Resp: 206925
Ion Ratio Lower Upper
43 100
72 27.0 13.2 39.6



#23
Bromochloromethane
Concen: 51.535 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Tgt Ion:128 Resp: 72328
Ion Ratio Lower Upper
128 100
49 164.8 123.8 229.8
130 128.4 93.2 173.0
51 52.3 44.0 66.0





#25

Chloroform

Concen: 51.527 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

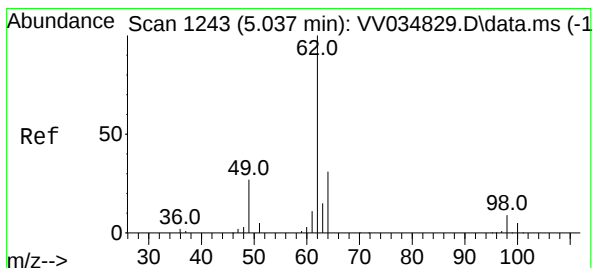
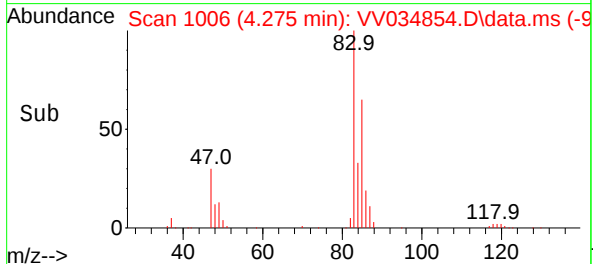
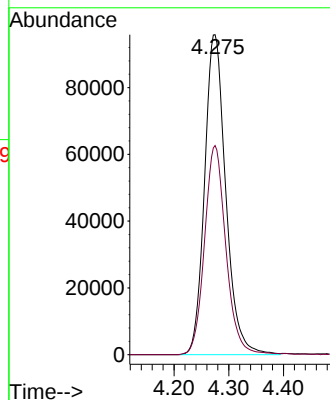
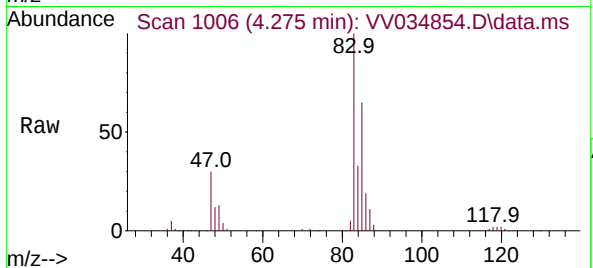
ClientSampleId :

Tgt Ion: 83 Resp: 258072

Ion Ratio Lower Upper

83 100

85 65.3 46.0 85.4



#27

1,2-Dichloroethane

Concen: 50.712 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV034854.D

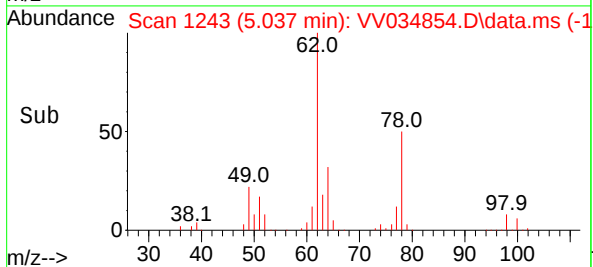
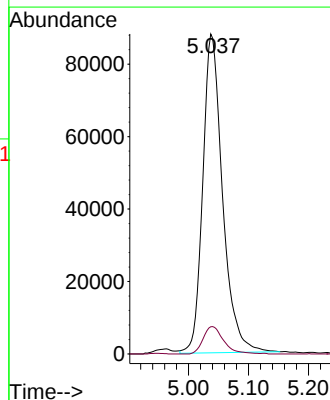
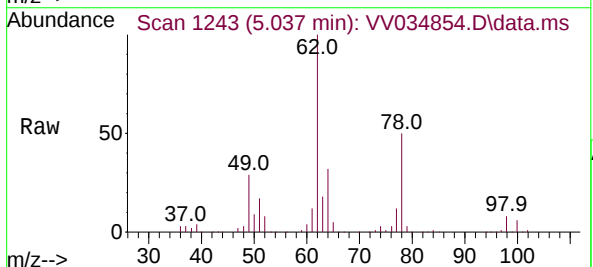
Acq: 27 Mar 2024 09:52

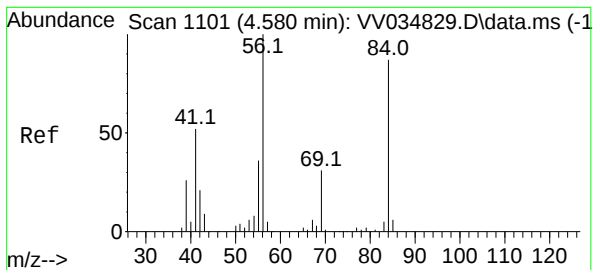
Tgt Ion: 62 Resp: 202224

Ion Ratio Lower Upper

62 100

98 8.5 7.2 10.8





#29

Cyclohexane

Concen: 47.347 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

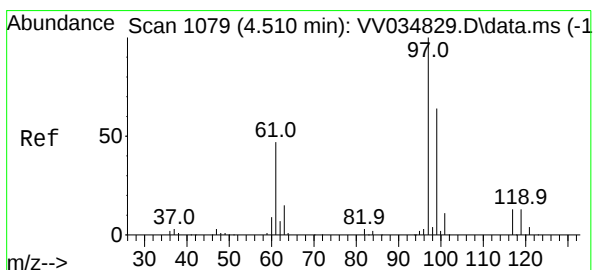
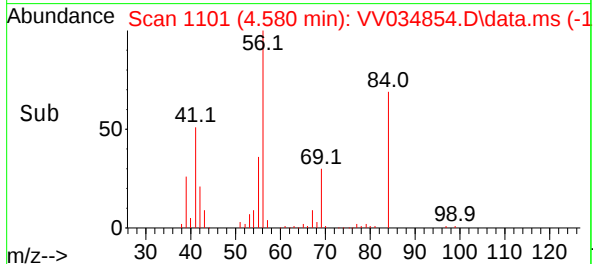
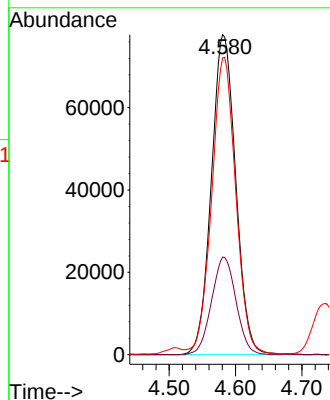
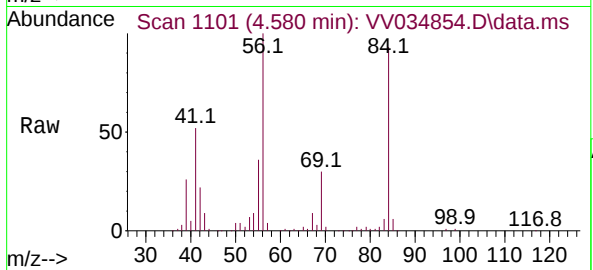
Tgt Ion: 56 Resp: 197955

Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.2

84 91.6 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 49.808 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

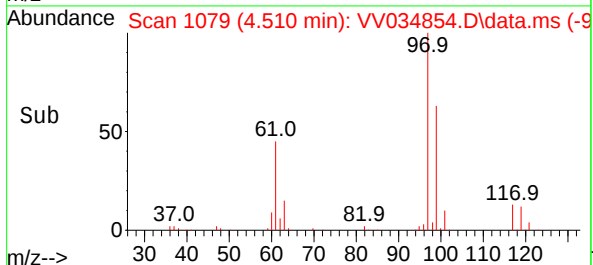
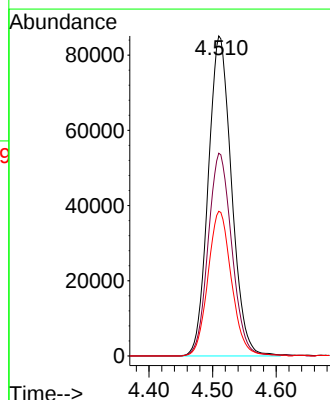
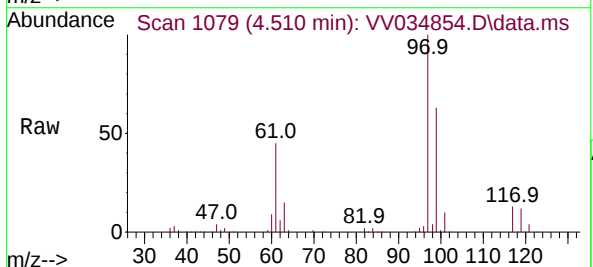
Tgt Ion: 97 Resp: 216728

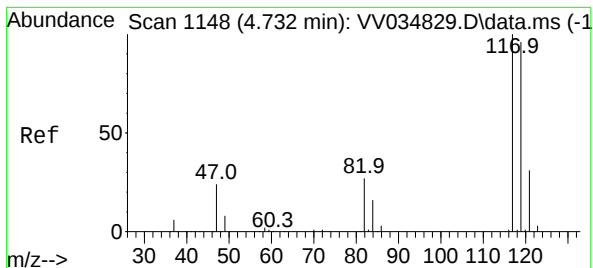
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 45.3 36.8 55.2





#31

Carbon tetrachloride

Concen: 50.362 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

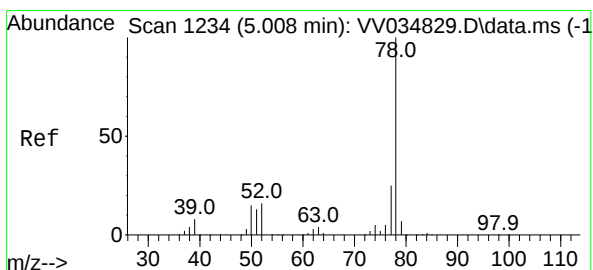
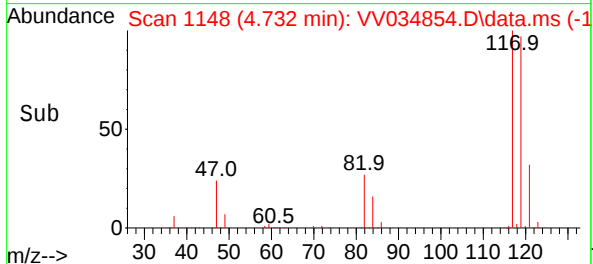
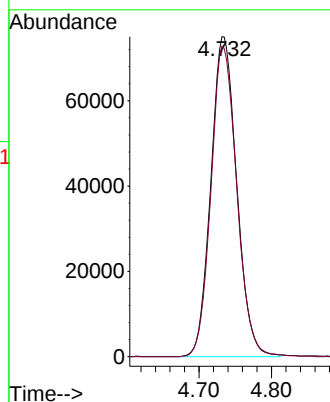
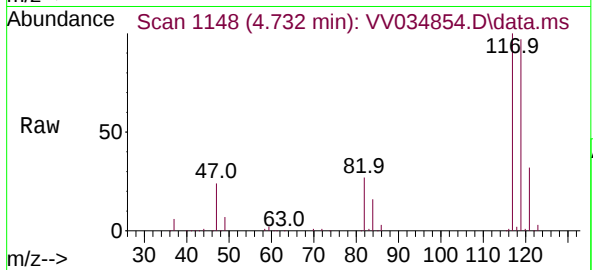
ClientSampleId :

Tgt Ion:117 Resp: 185738

Ion Ratio Lower Upper

117 100

119 96.7 77.1 115.7



#33

Benzene

Concen: 49.262 ug/L

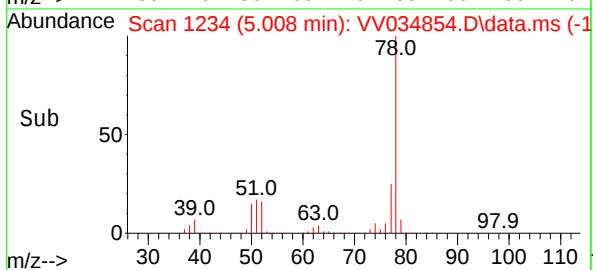
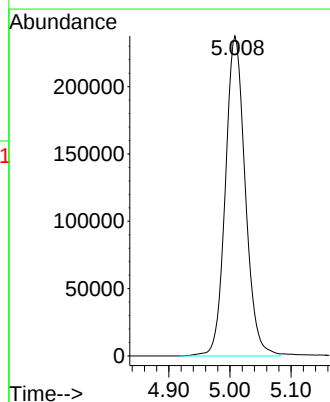
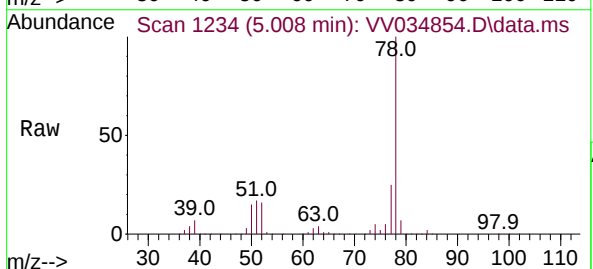
RT: 5.008 min Scan# 1234

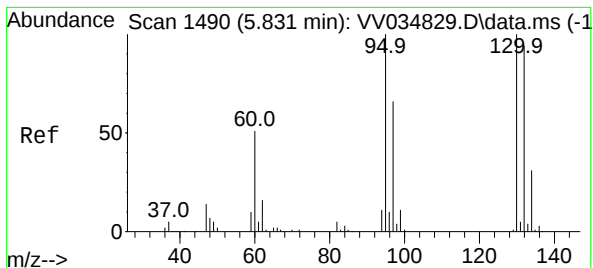
Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Tgt Ion: 78 Resp: 536222





#34

Trichloroethene

Concen: 49.620 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 145767

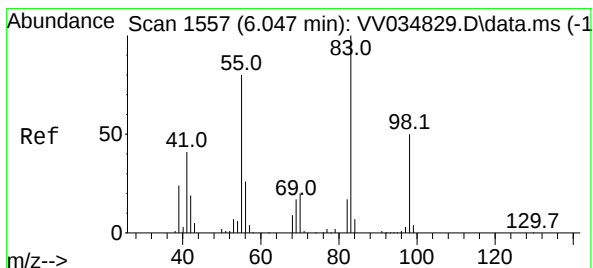
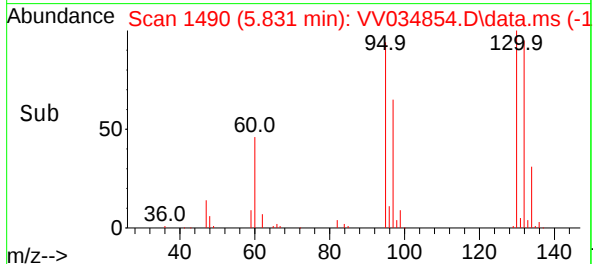
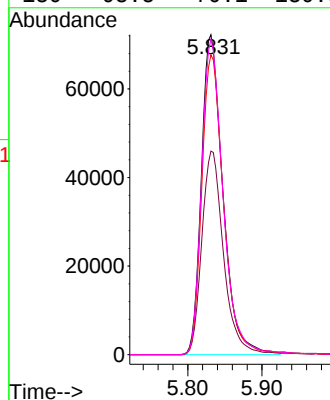
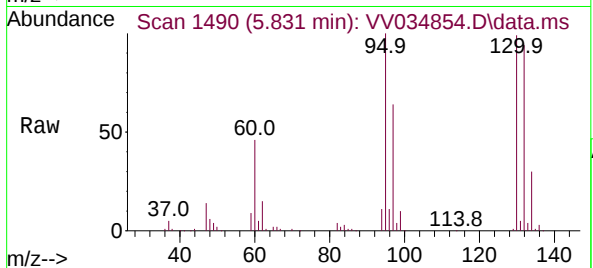
Ion Ratio Lower Upper

95 100

97 63.6 45.3 84.1

132 93.7 65.3 121.3

130 98.5 70.1 130.3



#35

Methylcyclohexane

Concen: 49.719 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

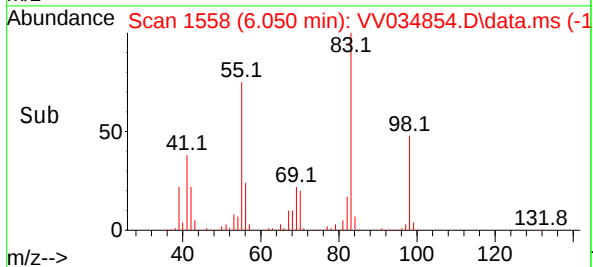
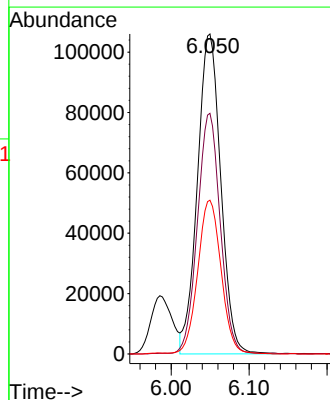
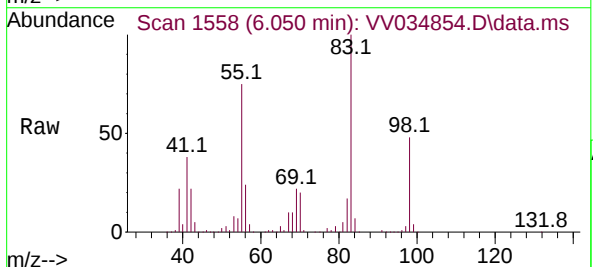
Tgt Ion: 83 Resp: 220582

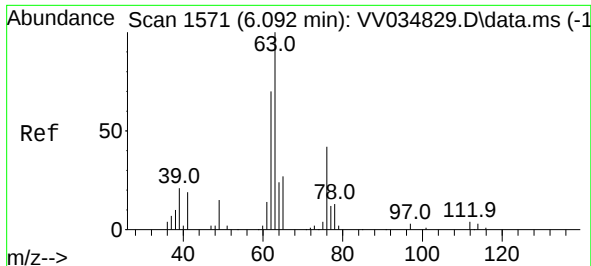
Ion Ratio Lower Upper

83 100

55 73.7 60.0 90.0

98 48.1 37.6 56.4

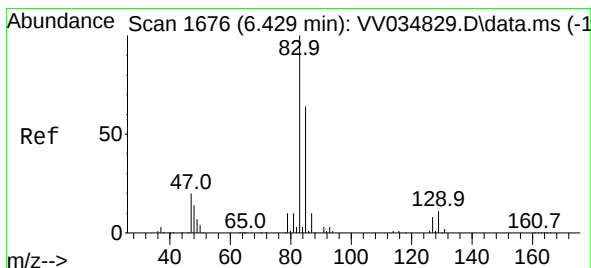
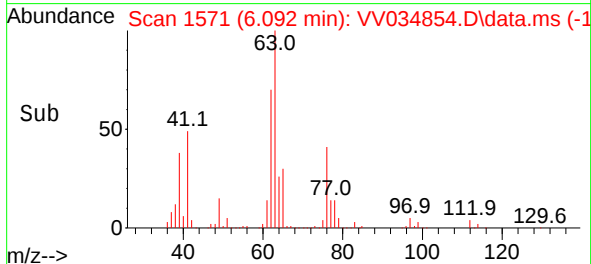
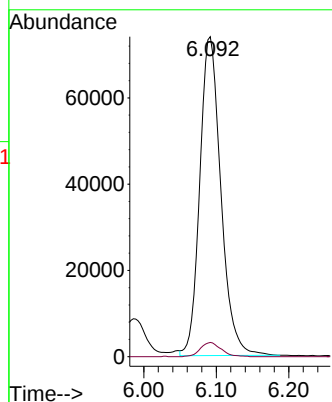
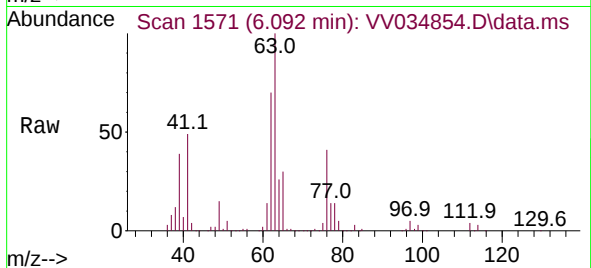




#37
1,2-Dichloropropane
Concen: 49.675 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

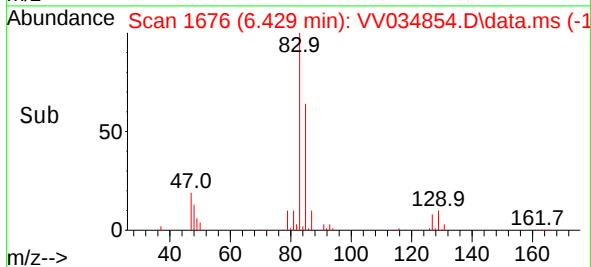
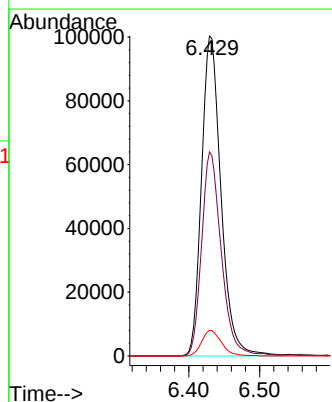
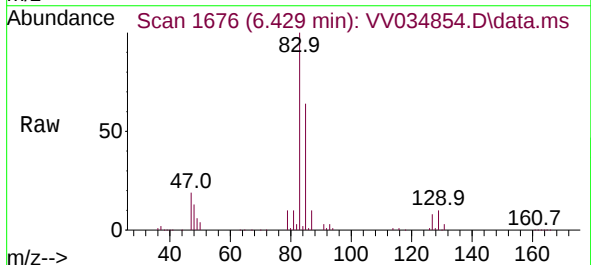
Instrument :
MSVOA_V
ClientSampleId :

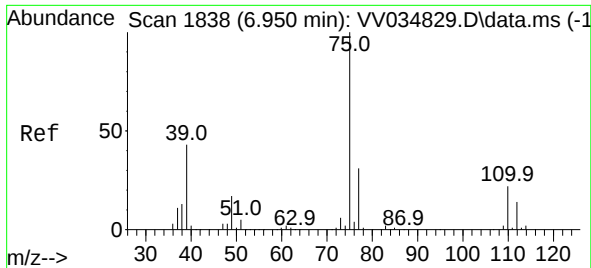
Tgt Ion: 63 Resp: 149431
Ion Ratio Lower Upper
63 100
112 4.4 3.3 4.9



#38
Bromodichloromethane
Concen: 49.422 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Tgt Ion: 83 Resp: 191819
Ion Ratio Lower Upper
83 100
85 63.8 43.7 81.1
127 8.0 6.4 9.6

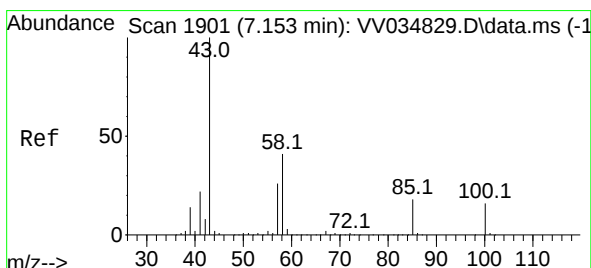
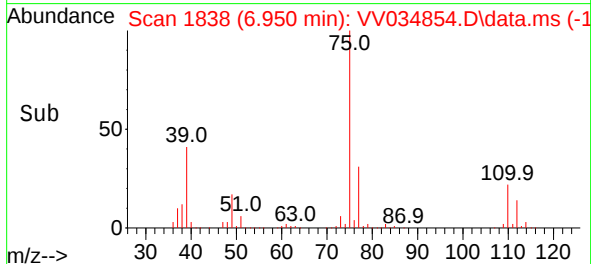
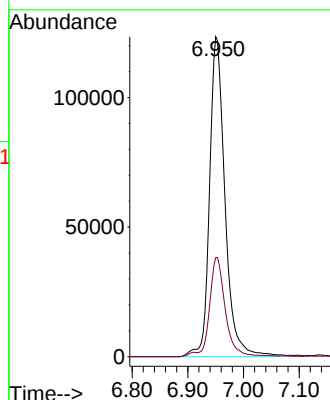
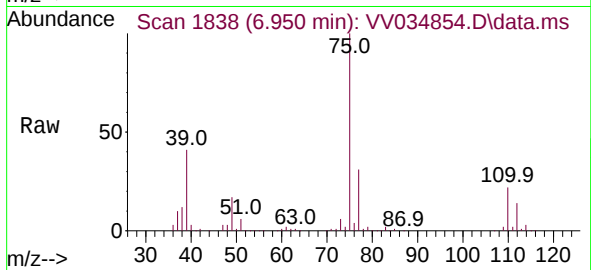




#39
 cis-1,3-Dichloropropene
 Concen: 50.159 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV034854.D
 Acq: 27 Mar 2024 09:52

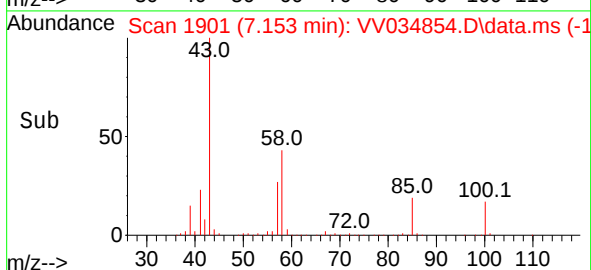
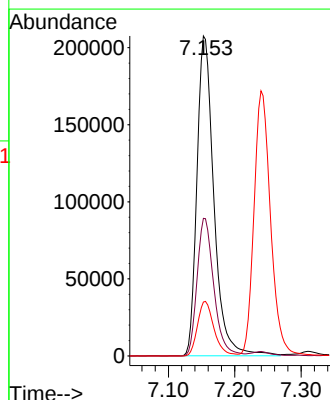
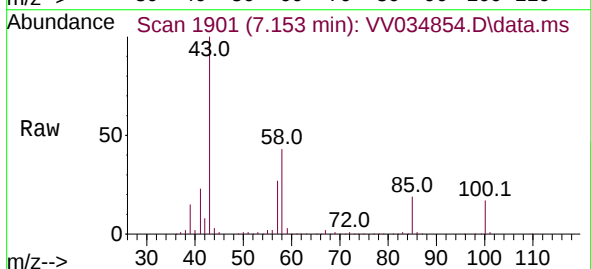
Instrument :
 MSVOA_V
 ClientSampleId :

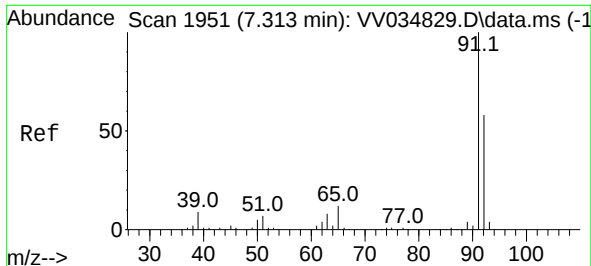
Tgt Ion: 75 Resp: 237691
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 96.133 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV034854.D
 Acq: 27 Mar 2024 09:52

Tgt Ion: 43 Resp: 369218
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.8 50.8
 100 16.6 13.0 19.4





#42

Toluene

Concen: 51.040 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

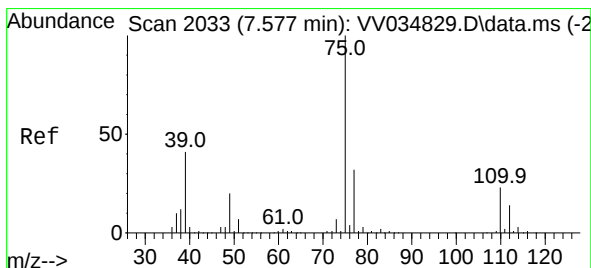
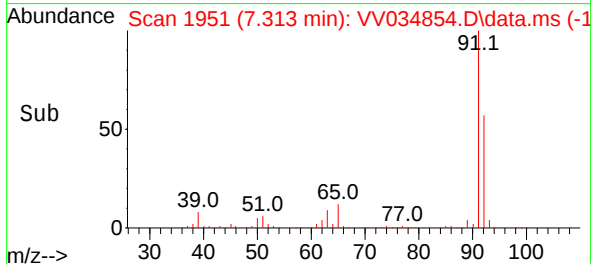
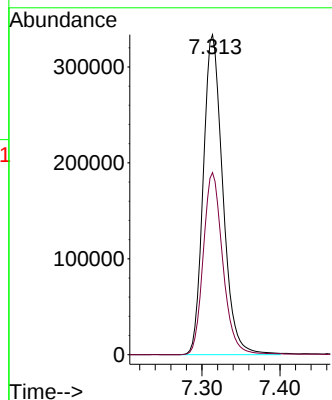
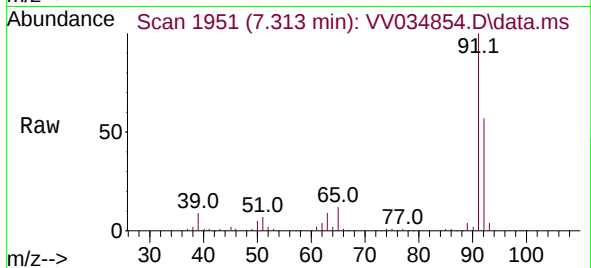
ClientSampleId :

Tgt Ion: 91 Resp: 581658

Ion Ratio Lower Upper

91 100

92 56.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 50.219 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV034854.D

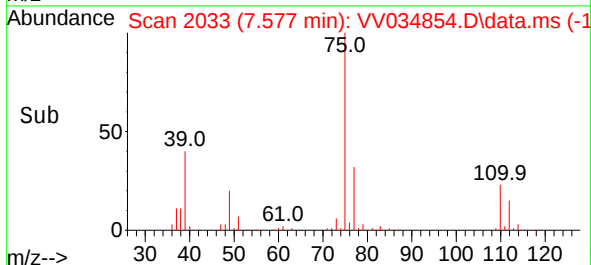
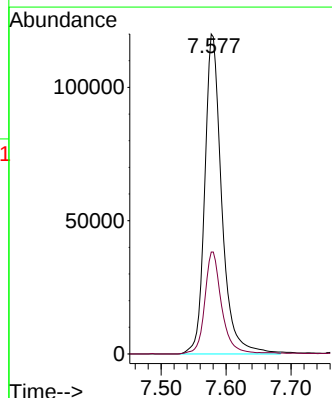
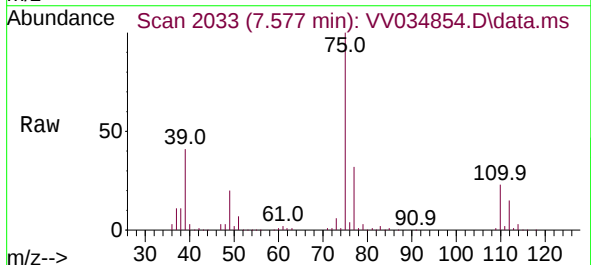
Acq: 27 Mar 2024 09:52

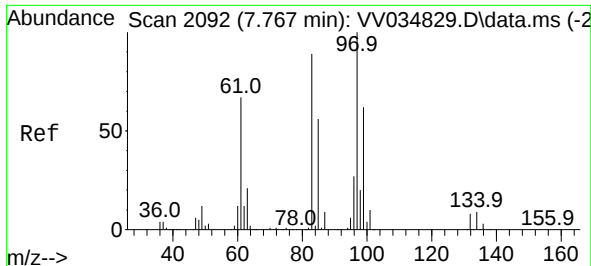
Tgt Ion: 75 Resp: 218632

Ion Ratio Lower Upper

75 100

77 31.8 21.7 40.3



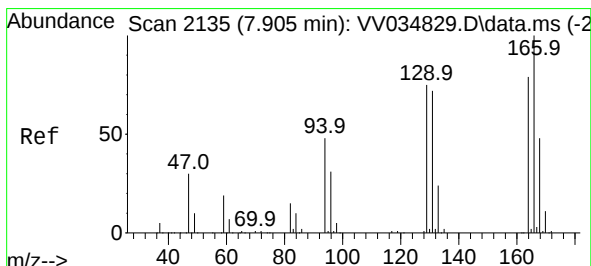
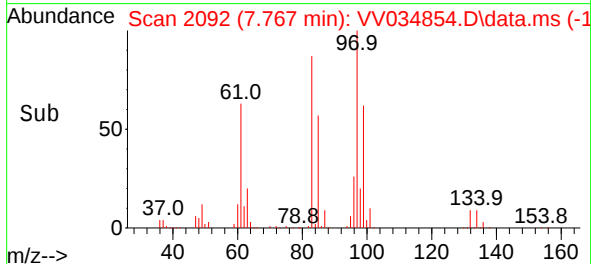
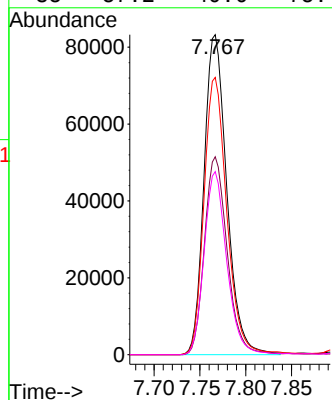
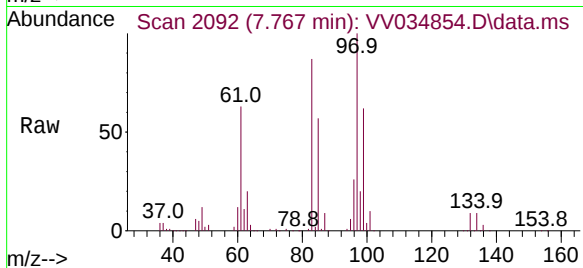


#45
1,1,2-Trichloroethane
Concen: 50.717 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 143798

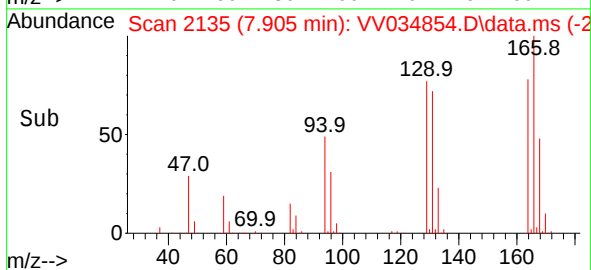
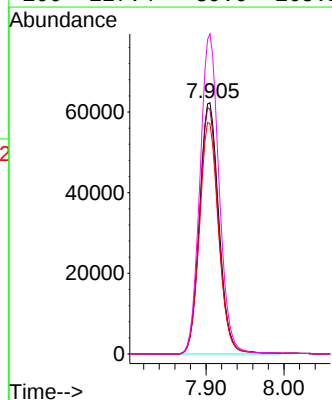
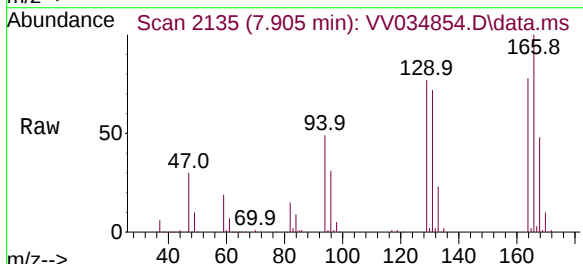
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.3
83	86.7	61.6	114.4
85	57.2	40.6	75.4

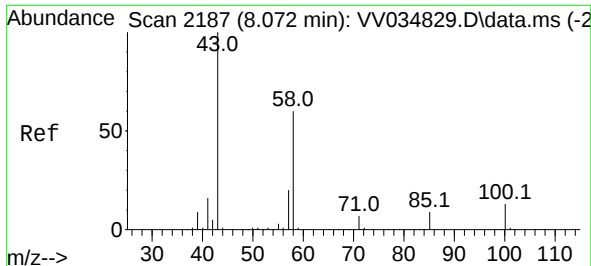


#46
Tetrachloroethene
Concen: 52.228 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Tgt Ion: 164 Resp: 107191

Ion	Ratio	Lower	Upper
164	100		
129	97.5	68.6	127.4
131	91.7	65.7	122.1
166	127.4	89.0	165.2





#48

2-Hexanone

Concen: 96.296 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 314555

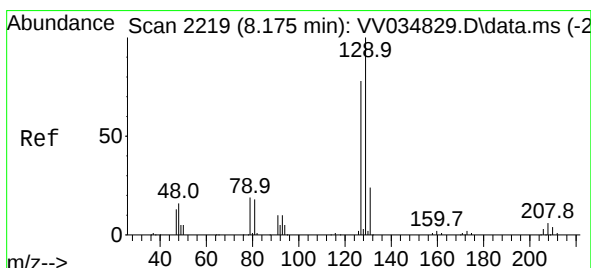
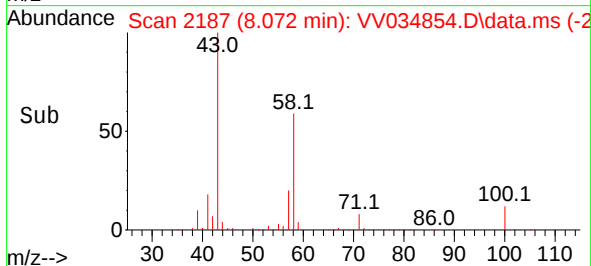
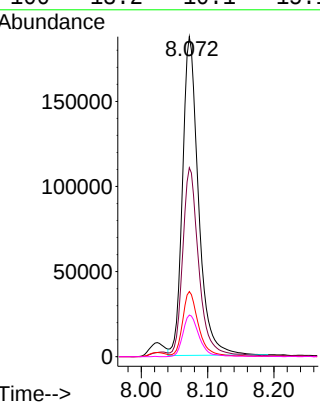
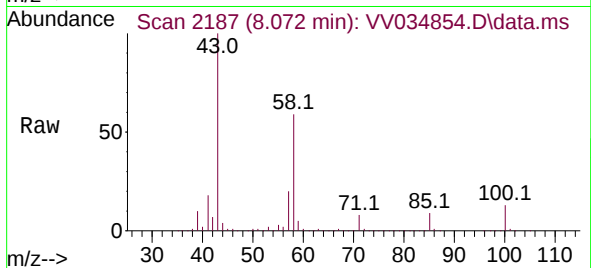
Ion Ratio Lower Upper

43 100

58 59.4 45.4 68.2

57 20.2 16.2 24.4

100 13.2 10.1 15.1



#49

Dibromochloromethane

Concen: 49.788 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV034854.D

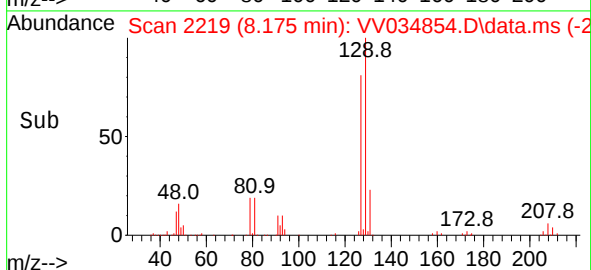
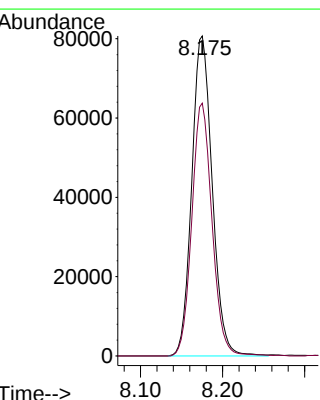
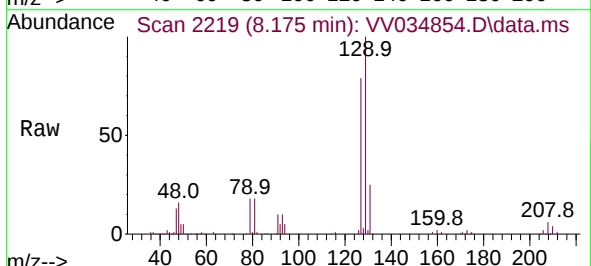
Acq: 27 Mar 2024 09:52

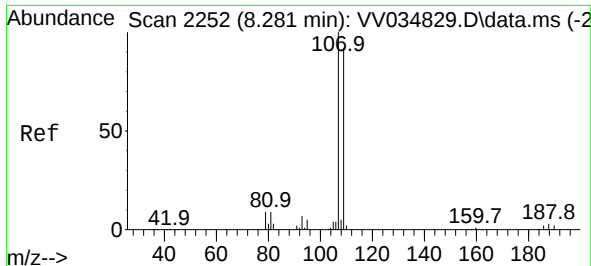
Tgt Ion:129 Resp: 139812

Ion Ratio Lower Upper

129 100

127 79.0 54.1 100.5

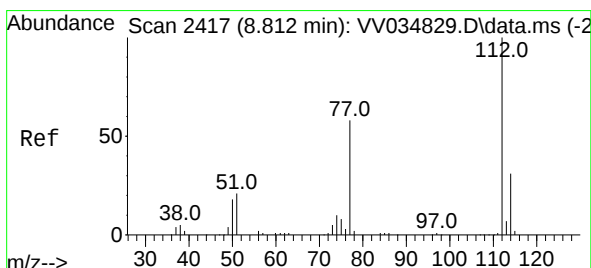
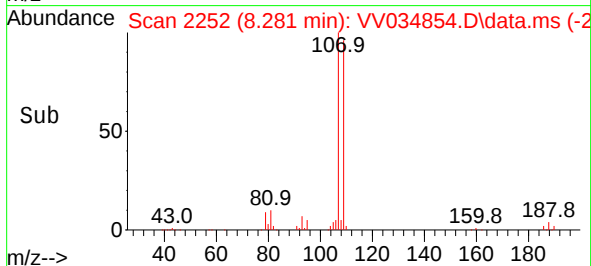
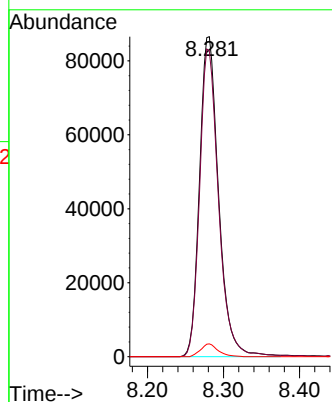
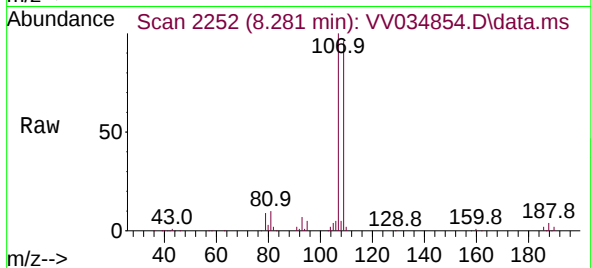




#50
1,2-Dibromoethane
Concen: 49.523 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

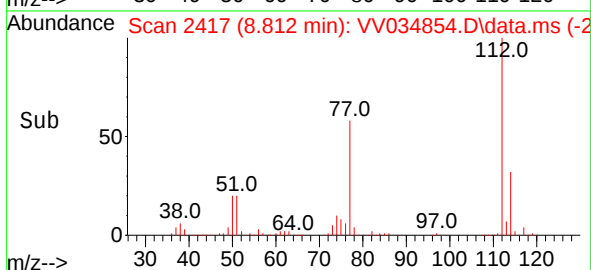
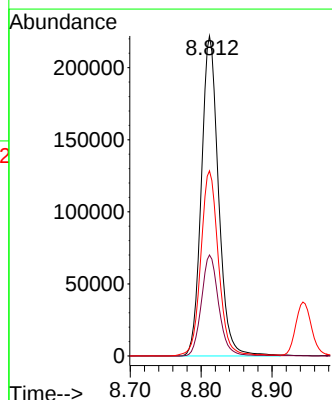
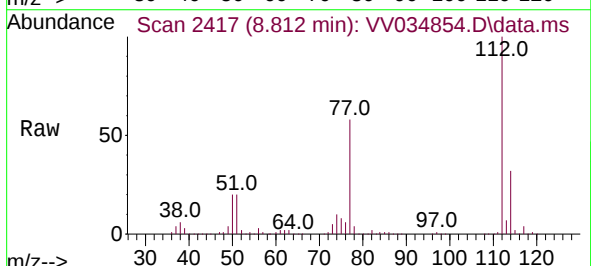
Instrument :
MSVOA_V
ClientSampleId :

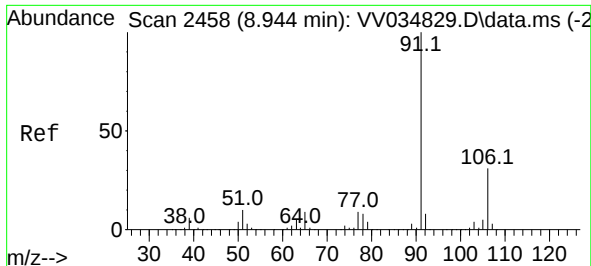
Tgt Ion:107 Resp: 151169
Ion Ratio Lower Upper
107 100
109 95.5 64.5 119.9
188 4.0 2.8 4.2



#51
Chlorobenzene
Concen: 50.502 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Tgt Ion:112 Resp: 373007
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 57.9 47.4 71.2

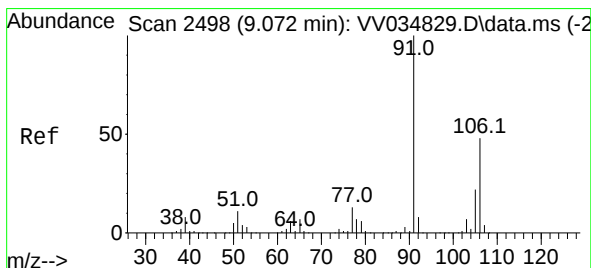
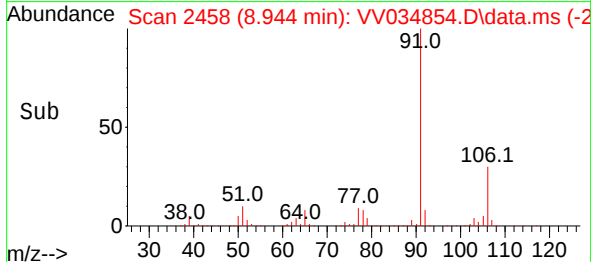
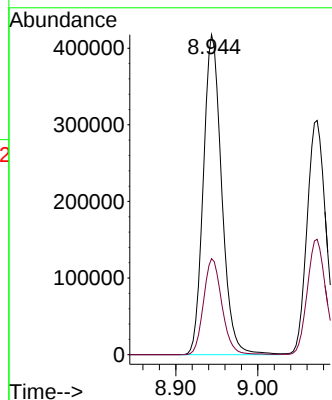
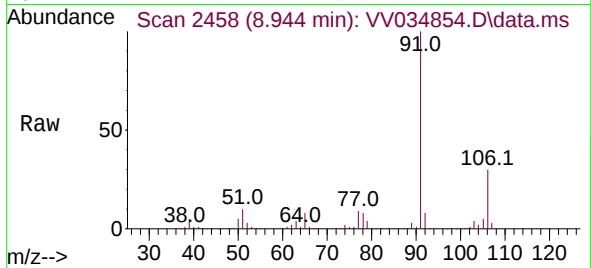




#52
Ethylbenzene
Concen: 51.381 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

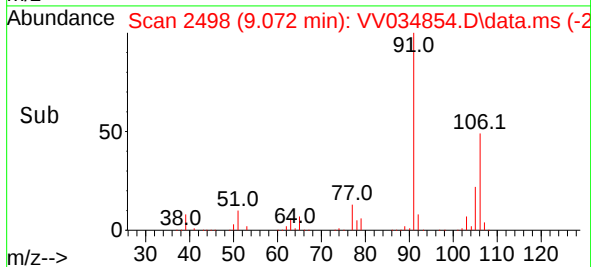
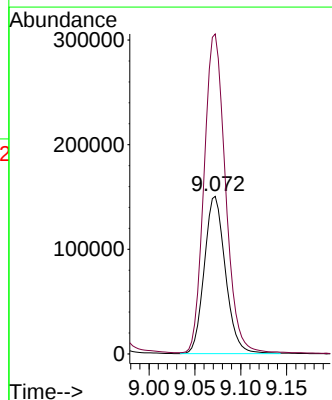
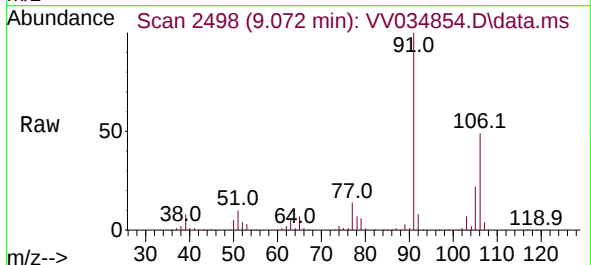
Instrument :
MSVOA_V
ClientSampleId :

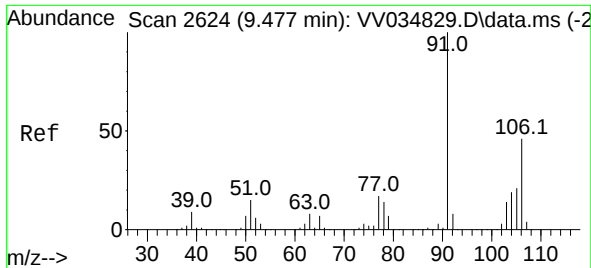
Tgt Ion: 91 Resp: 648947
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 51.714 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Tgt Ion: 106 Resp: 240532
Ion Ratio Lower Upper
106 100
91 203.0 144.8 269.0

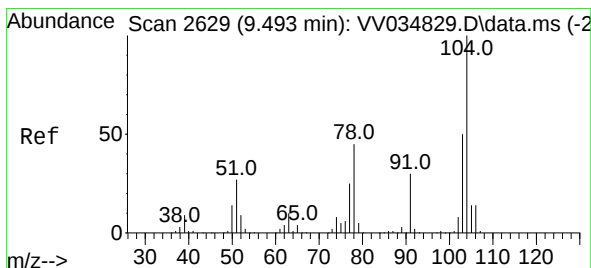
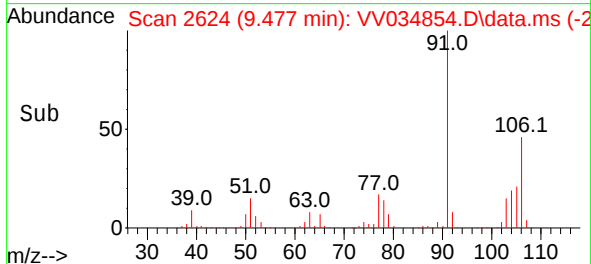
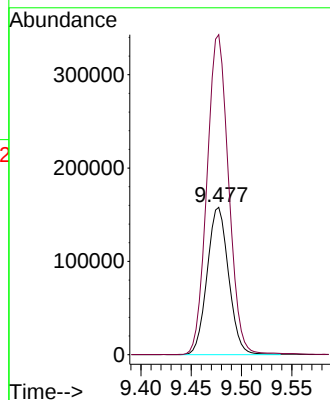
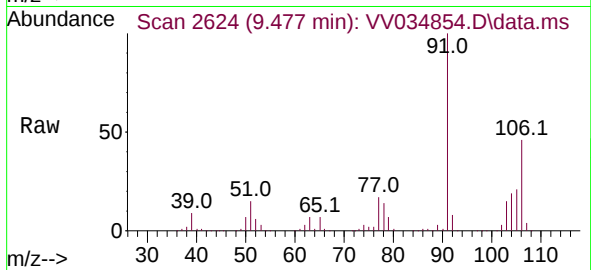




#54
o-Xylene
Concen: 51.073 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

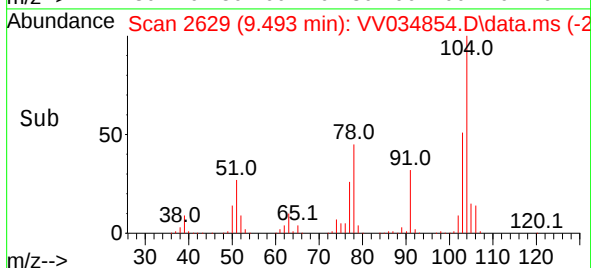
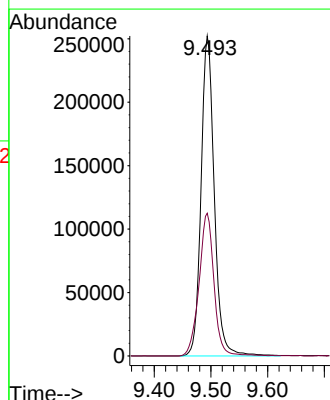
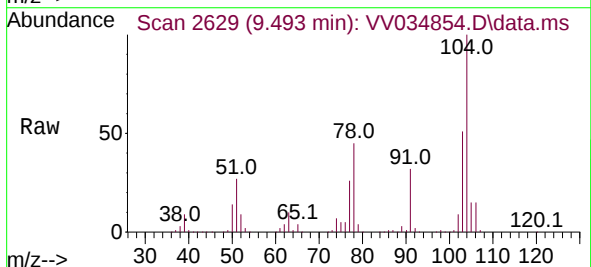
Instrument :
MSVOA_V
ClientSampleId :

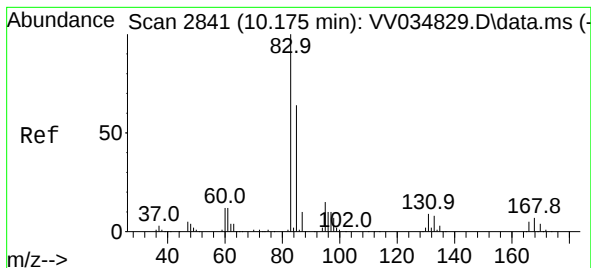
Tgt Ion:106 Resp: 235041
Ion Ratio Lower Upper
106 100
91 217.1 151.3 280.9



#55
Styrene
Concen: 52.674 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

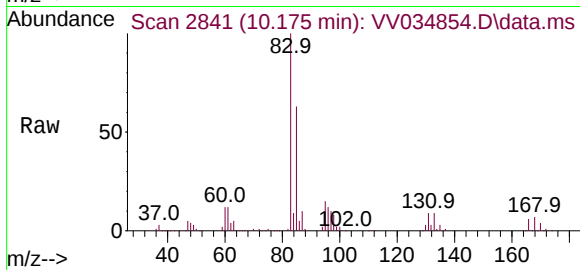
Tgt Ion:104 Resp: 409648
Ion Ratio Lower Upper
104 100
78 44.6 31.5 58.5



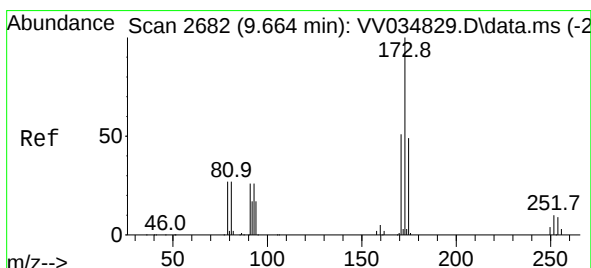
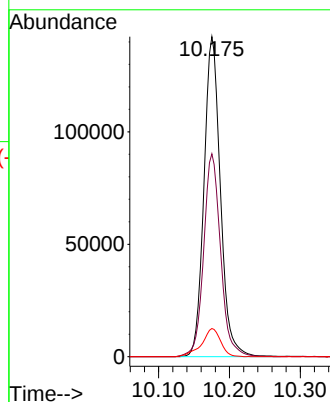
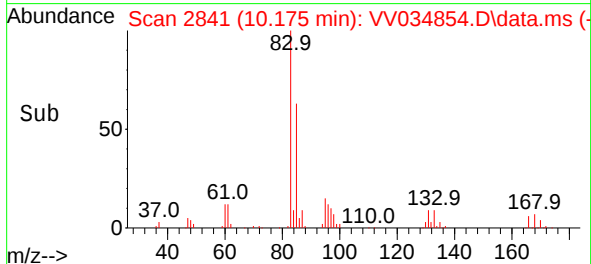


#57
1,1,2,2-Tetrachloroethane
Concen: 49.883 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Instrument :
MSVOA_V
ClientSampleId :

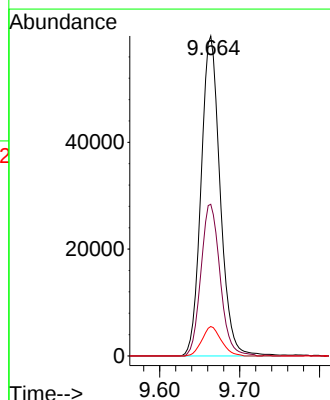
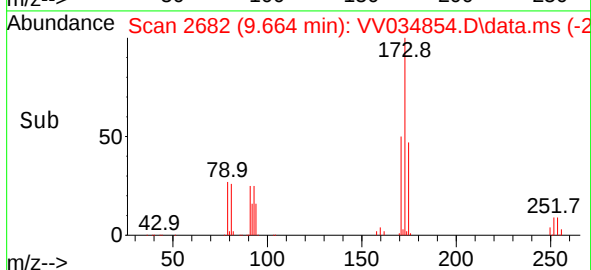
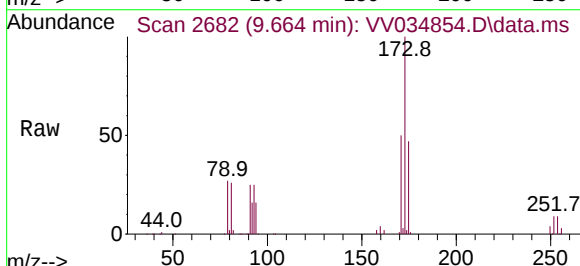


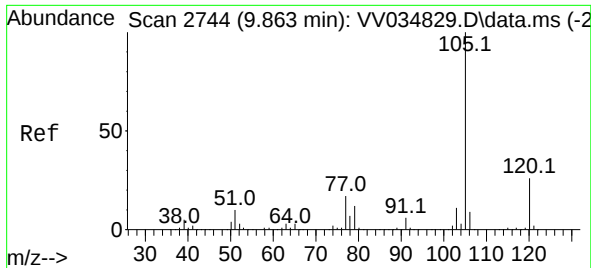
Tgt Ion: 83 Resp: 229154
Ion Ratio Lower Upper
83 100
85 63.4 44.5 82.7
131 8.8 6.9 10.3



#59
Bromoform
Concen: 49.999 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Tgt Ion: 173 Resp: 99430
Ion Ratio Lower Upper
173 100
175 47.6 39.3 58.9
254 9.3 7.5 11.3

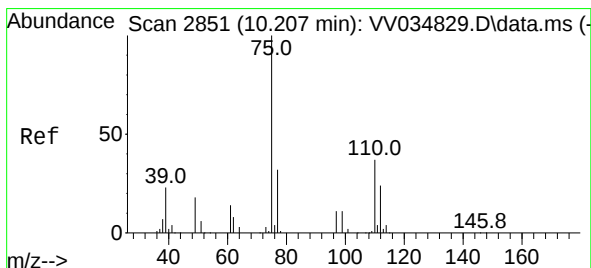
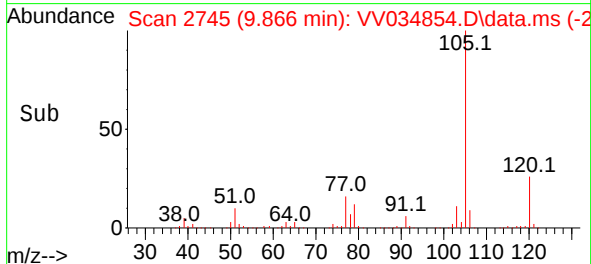
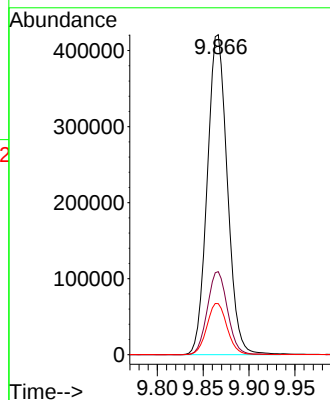
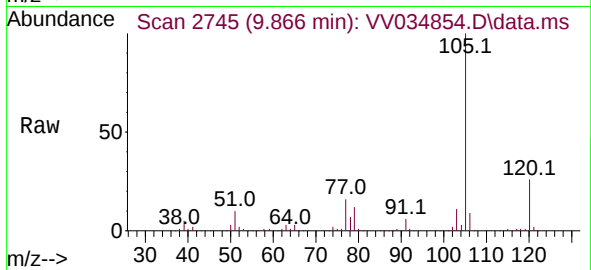




#60
Isopropylbenzene
Concen: 51.308 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

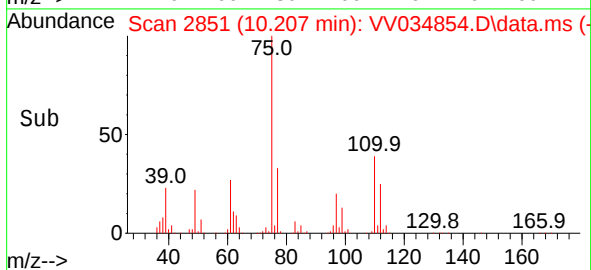
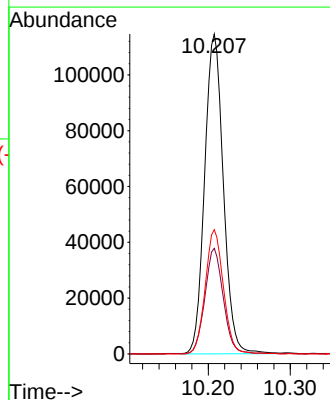
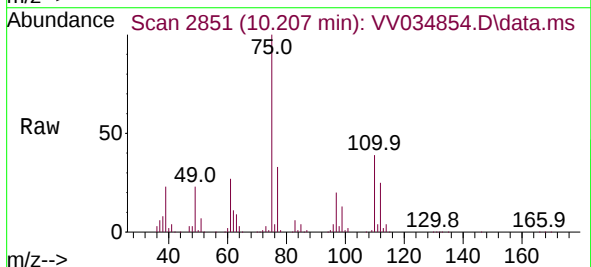
Instrument :
MSVOA_V
ClientSampleId :

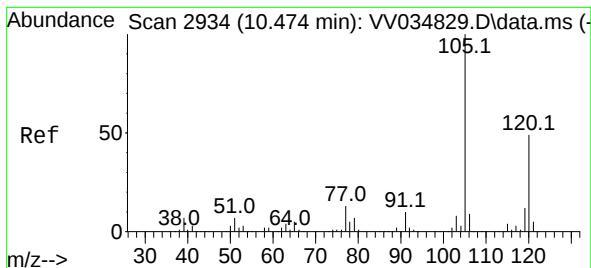
Tgt Ion:105 Resp: 641876
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 48.268 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV034854.D
Acq: 27 Mar 2024 09:52

Tgt Ion: 75 Resp: 181505
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 37.7 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 51.606 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

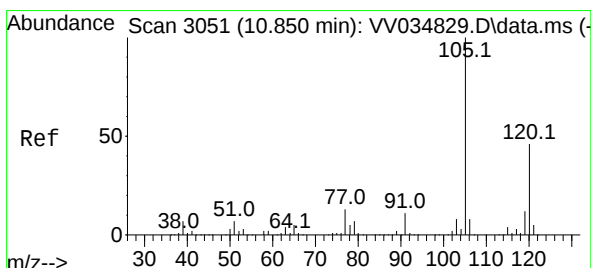
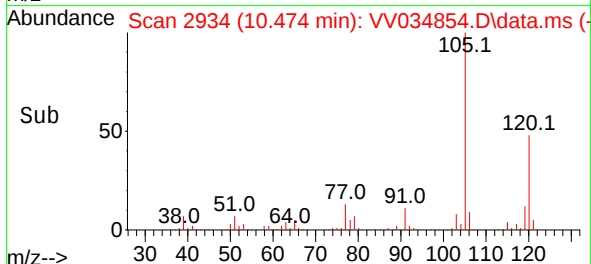
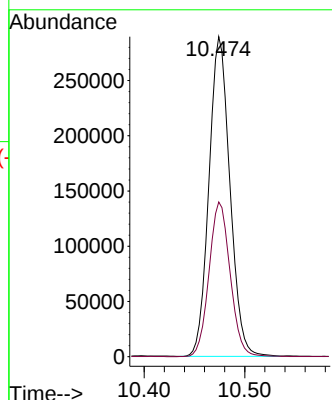
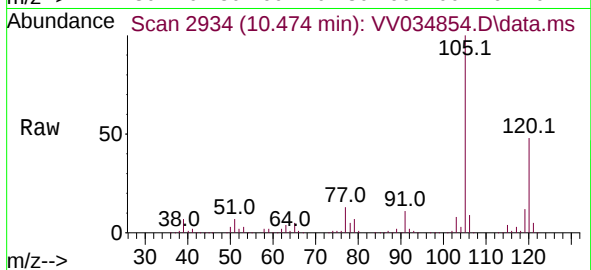
ClientSampleId :

Tgt Ion:105 Resp: 419295

Ion Ratio Lower Upper

105 100

120 48.8 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 51.982 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034854.D

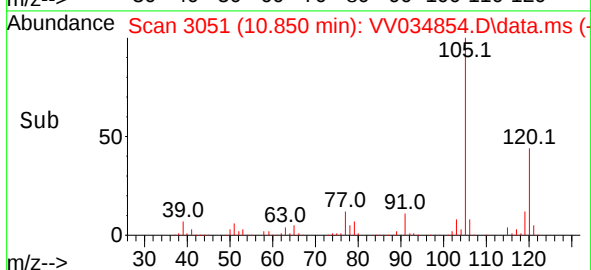
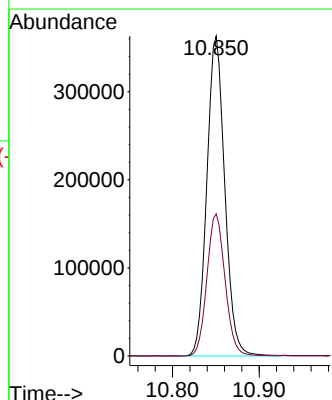
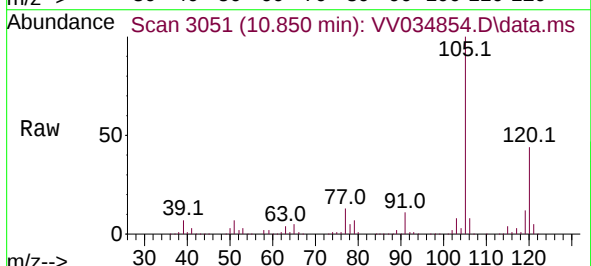
Acq: 27 Mar 2024 09:52

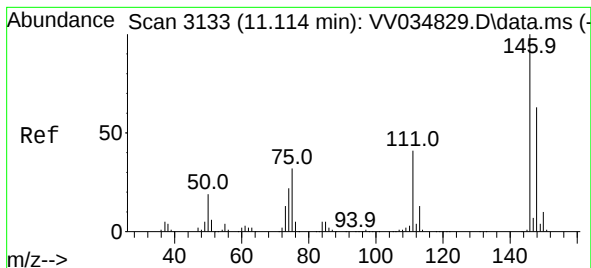
Tgt Ion:105 Resp: 522182

Ion Ratio Lower Upper

105 100

120 45.0 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 50.769 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

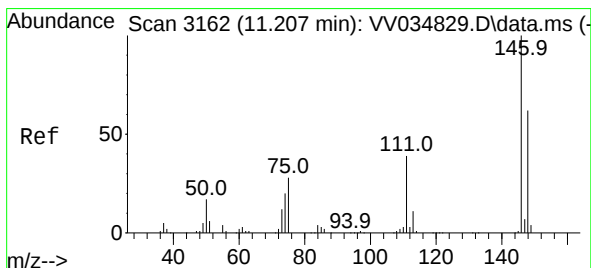
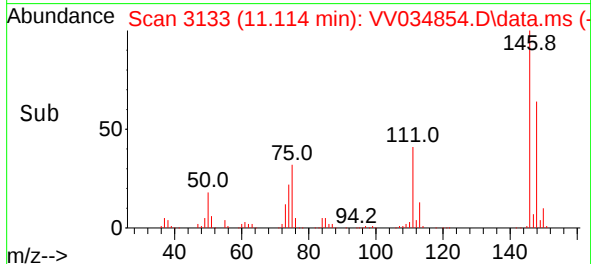
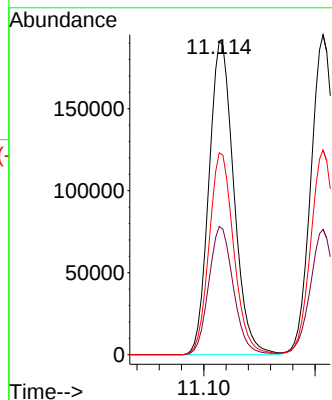
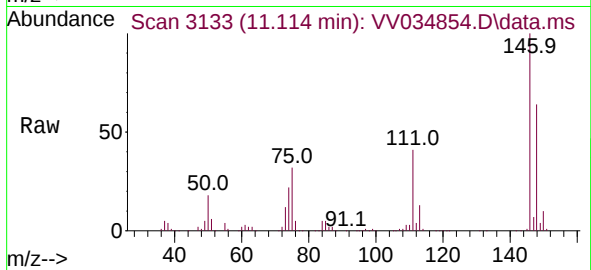
Tgt Ion:146 Resp: 296815

Ion Ratio Lower Upper

146 100

111 40.9 28.7 53.3

148 64.5 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 51.168 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

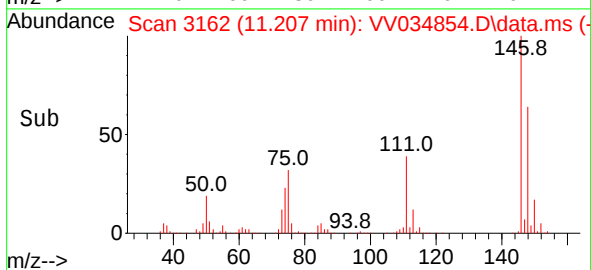
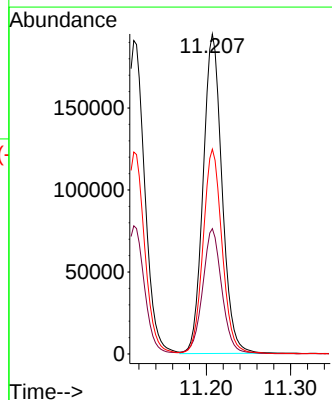
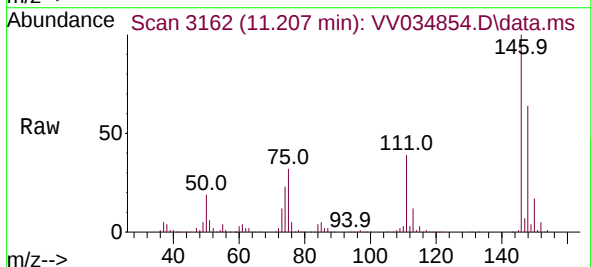
Tgt Ion:146 Resp: 304207

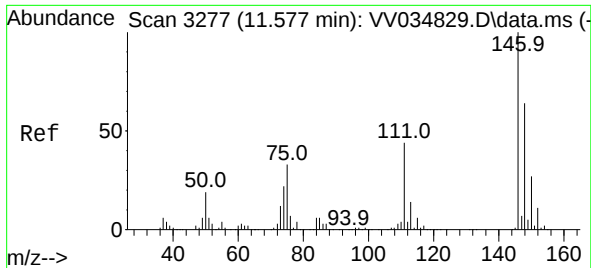
Ion Ratio Lower Upper

146 100

111 39.2 27.4 50.8

148 64.0 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 50.898 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min MSVOA_V

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

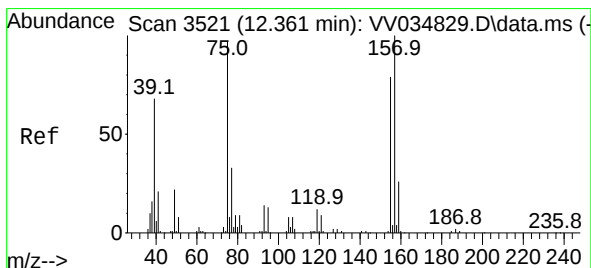
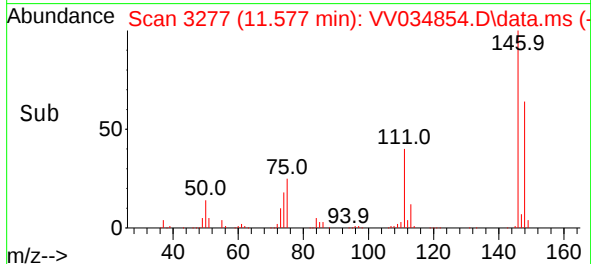
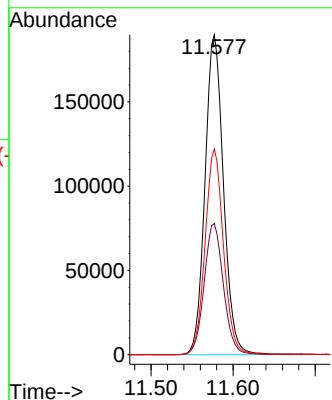
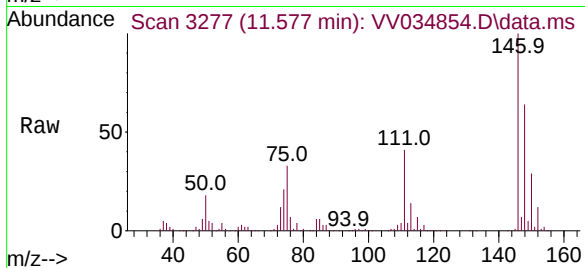
Tgt Ion:146 Resp: 296431

Ion Ratio Lower Upper

146 100

111 41.0 34.6 52.0

148 64.2 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 46.807 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

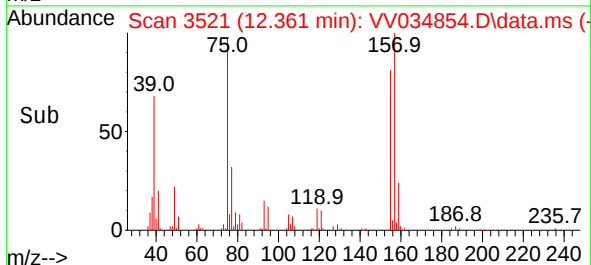
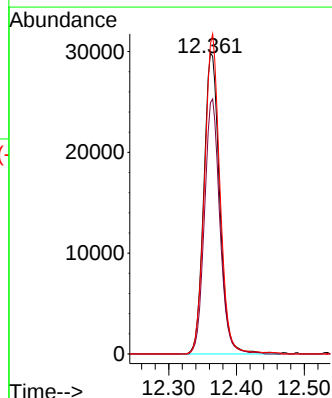
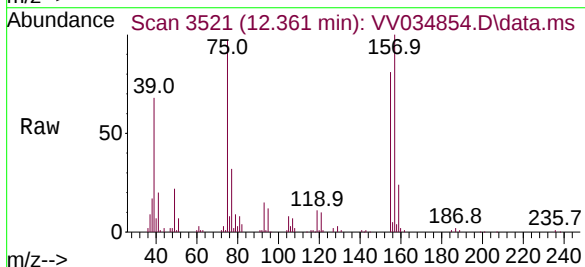
Tgt Ion: 75 Resp: 48491

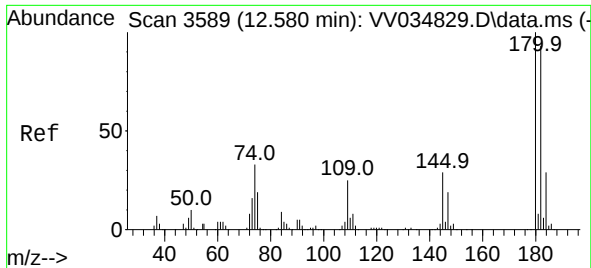
Ion Ratio Lower Upper

75 100

155 83.6 63.0 94.6

157 103.1 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 52.020 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

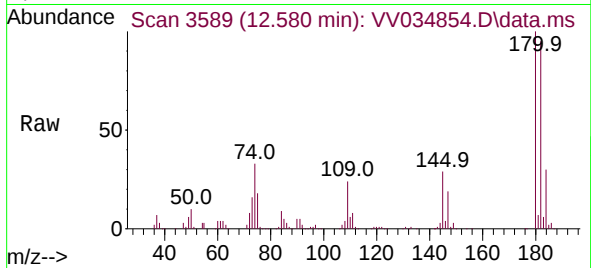
Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 219187

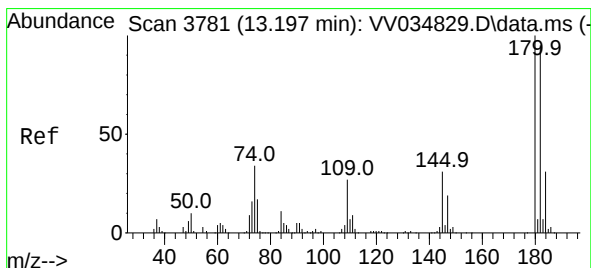
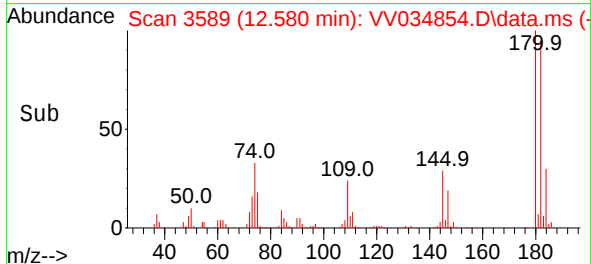
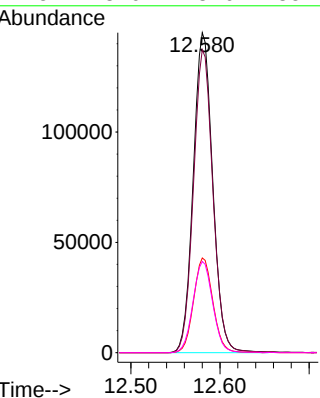
Ion Ratio Lower Upper

180 100

182 94.6 74.7 112.1

184 29.4 24.0 36.0

145 28.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 50.258 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

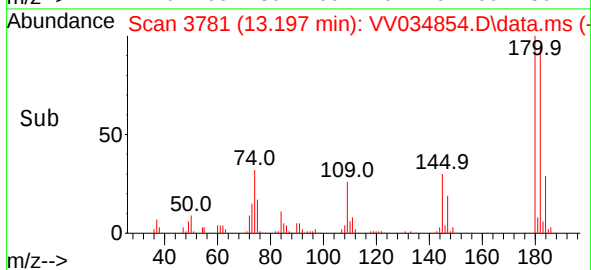
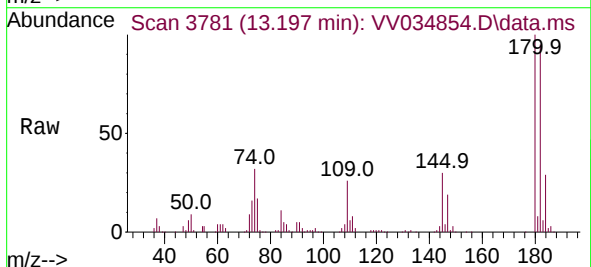
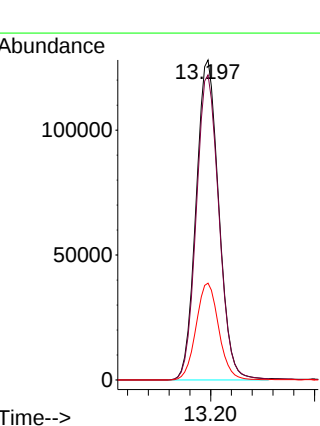
Tgt Ion:180 Resp: 194519

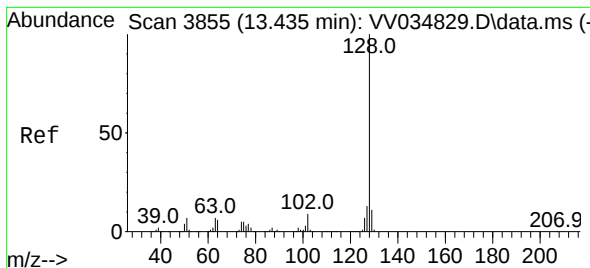
Ion Ratio Lower Upper

180 100

182 95.2 75.6 113.4

145 30.2 24.1 36.1





#71

Naphthalene

Concen: 42.704 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

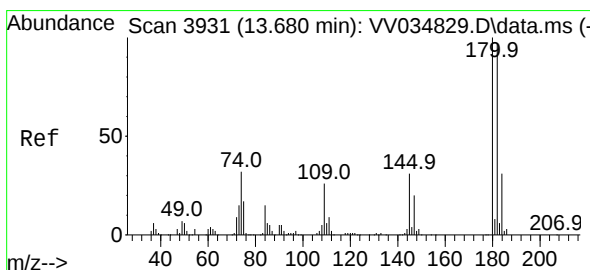
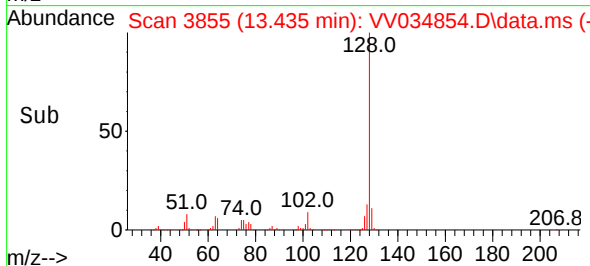
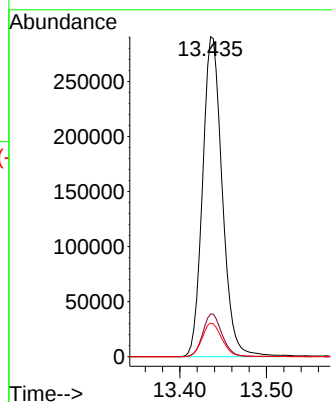
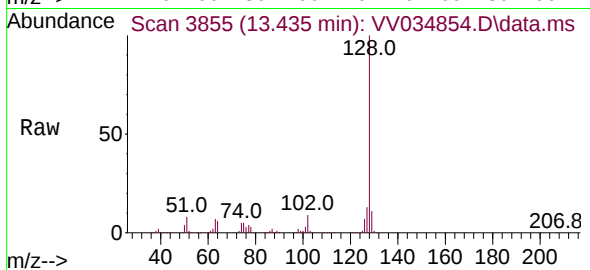
Tgt Ion:128 Resp: 458558

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.447 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. -0.003 min

Lab File: VV034854.D

Acq: 27 Mar 2024 09:52

Tgt Ion:180 Resp: 192460

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.2

145 32.2 25.8 38.6

