

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042224\
 Data File : VW035346.D
 Acq On : 22 Apr 2024 20:16
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:35:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	431146	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	428628	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	231445	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	136606	32.808	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.620%
7) Chloroethane-d5	1.532	69	127183	35.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.340%
11) 1,1-Dichloroethene-d2	2.059	65	62234	34.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.200%
21) 2-Butanone-d5	3.789	46	215536	87.280	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.280%
24) Chloroform-d	4.246	84	323726	46.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.480%
26) 1,2-Dichloroethane-d4	4.940	65	197726	44.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.980%
32) Benzene-d6	4.957	84	608323	42.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.500%
36) 1,2-Dichloropropane-d6	5.985	67	201722	44.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.240%
41) Toluene-d8	7.239	98	554618	42.773	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.540%
43) trans-1,3-Dichloroprop...	7.551	79	74899	33.698	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.400%
47) 2-Hexanone-d5	8.024	63	138160	79.926	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.930%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	307892	48.903	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	231691	44.586	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	111208	35.588	ug/L	100
3) Chloromethane	1.217	50	140680	35.019	ug/L	100
5) Vinyl chloride	1.285	62	157753	37.458	ug/L	97
6) Bromomethane	1.490	94	88687	28.094	ug/L	100
8) Chloroethane	1.548	64	112739	39.196	ug/L	97
9) Trichlorofluoromethane	1.712	101	224830	40.675	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	135648	40.094	ug/L	95
12) 1,1-Dichloroethene	2.069	96	128117	39.594	ug/L	95
13) Acetone	2.121	43	145505	64.179	ug/L	99
14) Carbon disulfide	2.243	76	311059	34.137	ug/L	100
15) Methyl Acetate	2.375	43	194031	54.309	ug/L	98
16) Methylene chloride	2.445	84	190925	54.455	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	147016	46.994	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	554581	50.470	ug/L	99
19) 1,1-Dichloroethane	3.111	63	325329	50.711	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	182498	51.373	ug/L	94
22) 2-Butanone	3.870	43	217227	82.571	ug/L	99
23) Bromochloromethane	4.146	128	98235	55.270	ug/L	91
25) Chloroform	4.275	83	340879	53.743	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035346.D
 Acq On : 22 Apr 2024 20:16
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

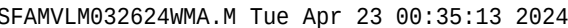
Instrument :
 MSVOA_V
 ClientSampleId :

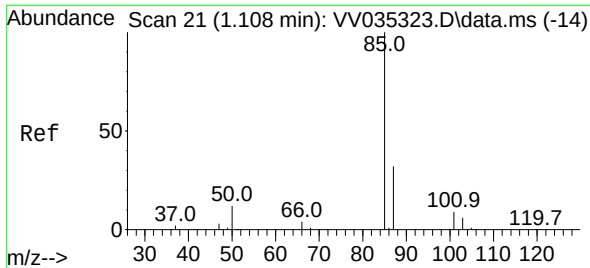
Quant Time: Apr 23 00:35:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	250803	49.664	ug/L	98
29) Cyclohexane	4.580	56	209778	39.076	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	278115	49.777	ug/L	99
31) Carbon tetrachloride	4.735	117	235218	49.670	ug/L	99
33) Benzene	5.008	78	671995	48.079	ug/L	100
34) Trichloroethene	5.831	95	177674	47.103	ug/L	98
35) Methylcyclohexane	6.050	83	217033	38.098	ug/L	98
37) 1,2-Dichloropropane	6.091	63	199263	51.588	ug/L	99
38) Bromodichloromethane	6.429	83	257506	51.670	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	239773	39.405	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	494590	100.290	ug/L	99
42) Toluene	7.313	91	725736	49.596	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	225715	40.377	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	200436	55.055	ug/L	98
46) Tetrachloroethene	7.902	164	131529	49.911	ug/L	97
48) 2-Hexanone	8.072	43	394753	94.115	ug/L	97
49) Dibromochloromethane	8.172	129	198890	55.159	ug/L	99
50) 1,2-Dibromoethane	8.278	107	204628	52.207	ug/L	97
51) Chlorobenzene	8.812	112	490042	51.671	ug/L	99
52) Ethylbenzene	8.943	91	795027	49.023	ug/L	100
53) m,p-Xylene	9.072	106	297369	49.791	ug/L	99
54) o-Xylene	9.477	106	299378	50.663	ug/L	99
55) Styrene	9.493	104	534275	53.502	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	330108	55.963	ug/L	99
59) Bromoform	9.660	173	145629	54.907	ug/L	99
60) Isopropylbenzene	9.863	105	798189	47.838	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	253171	50.480	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	516403	47.655	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	645470	48.178	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	401980	51.553	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	421261	53.127	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	418808	53.918	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	66247	47.946	ug/L	87
69) 1,3,5-Trichlorobenzene	12.580	180	285478	50.801	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	271844	52.663	ug/L	100
71) Naphthalene	13.435	128	755157	52.729	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	286489	56.304	ug/L	99

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

Quant Time: Apr 23 00:35:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:28:07 2024
Response via : Initial Calibration

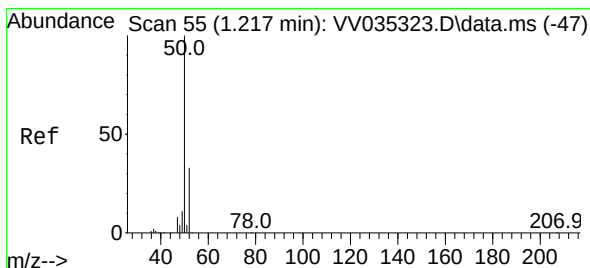
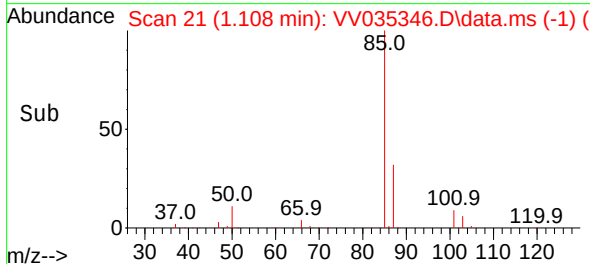
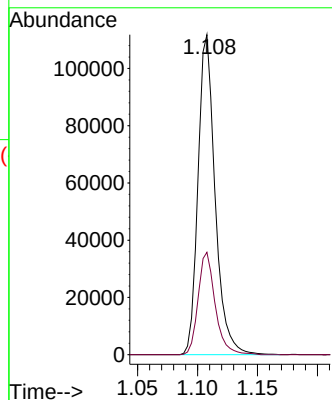
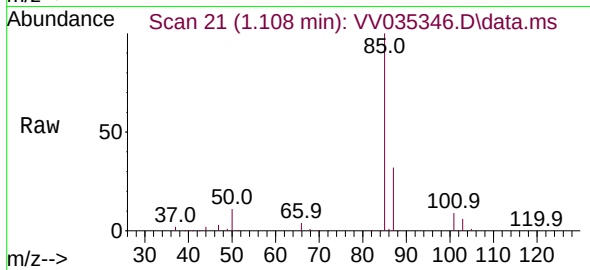




#2
Dichlorodifluoromethane
Concen: 35.588 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

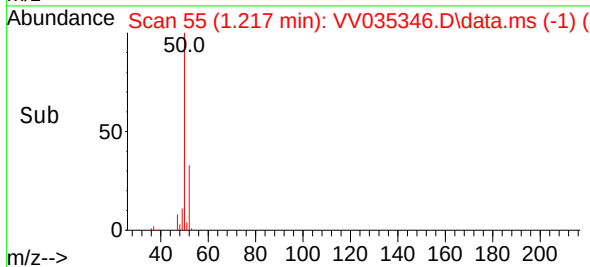
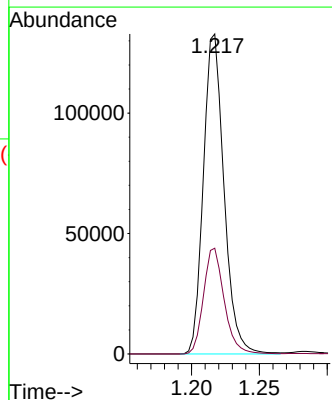
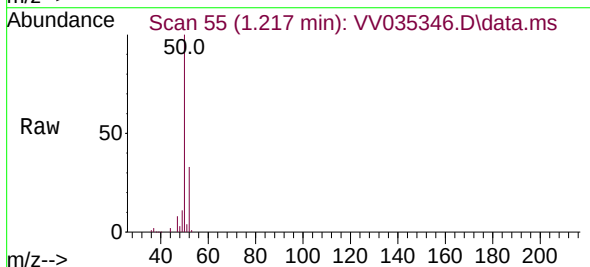
Instrument :
MSVOA_V
ClientSampleId :

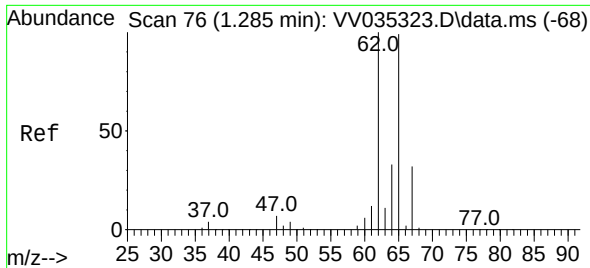
Tgt Ion: 85 Resp: 111208
Ion Ratio Lower Upper
85 100
87 31.9 25.7 38.5



#3
Chloromethane
Concen: 35.019 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

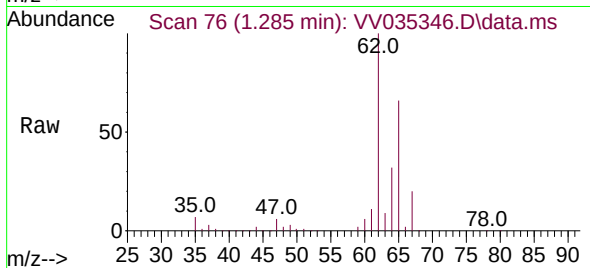
Tgt Ion: 50 Resp: 140680
Ion Ratio Lower Upper
50 100
52 33.0 23.0 42.8



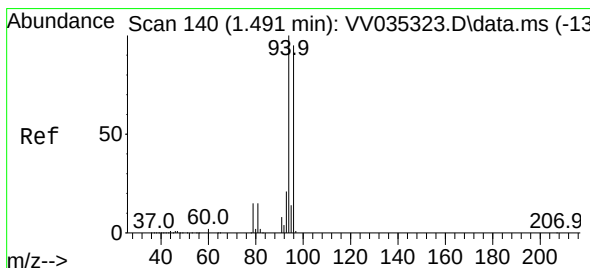
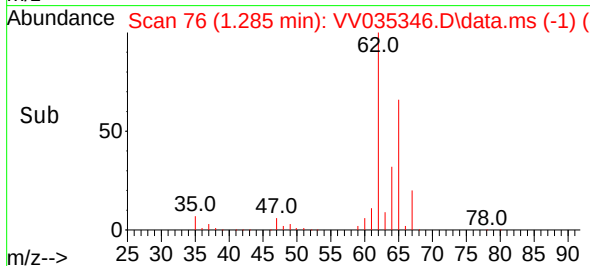
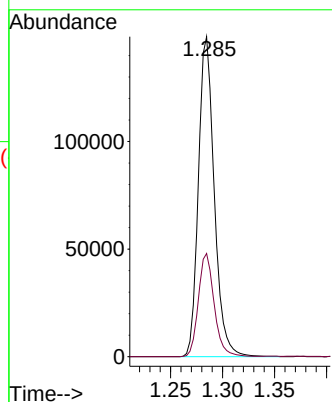


#5
 Vinyl chloride
 Concen: 37.458 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV035346.D
 Acq: 22 Apr 2024 20:16

Instrument :
 MSVOA_V
 ClientSampleId :

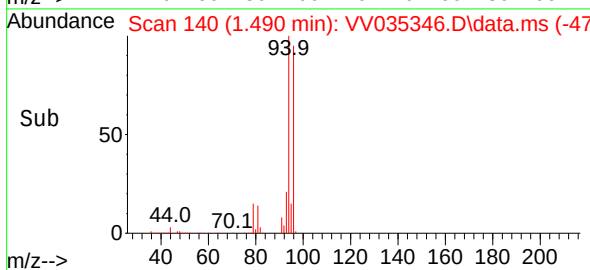
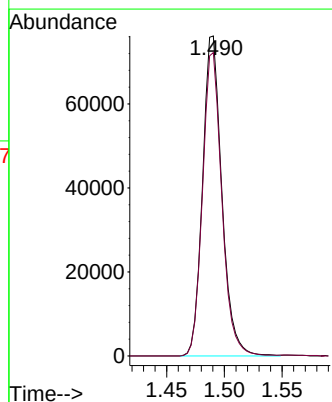
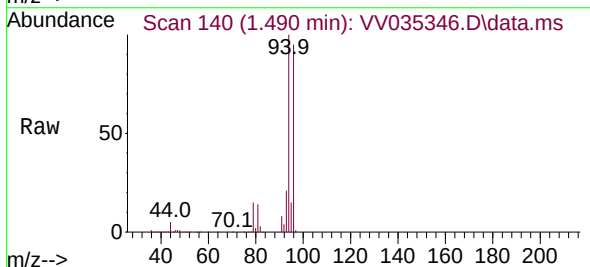


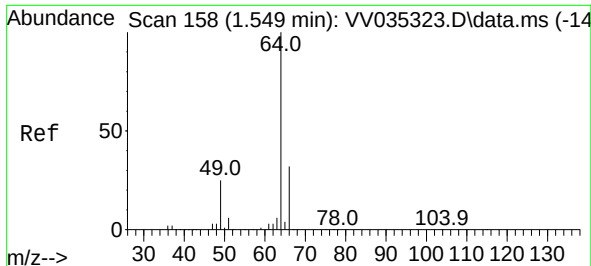
Tgt Ion: 62 Resp: 157753
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.6 43.8



#6
 Bromomethane
 Concen: 28.094 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV035346.D
 Acq: 22 Apr 2024 20:16

Tgt Ion: 94 Resp: 88687
 Ion Ratio Lower Upper
 94 100
 96 94.8 66.3 123.1

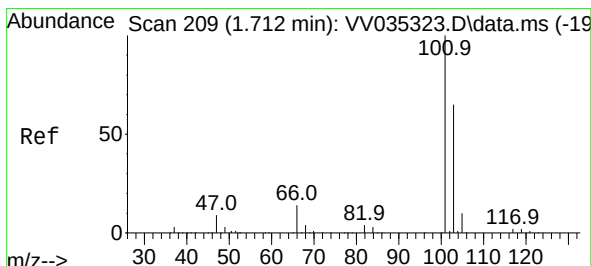
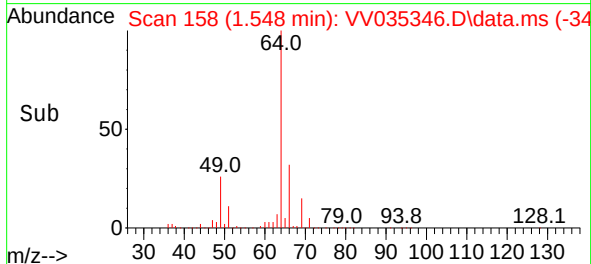
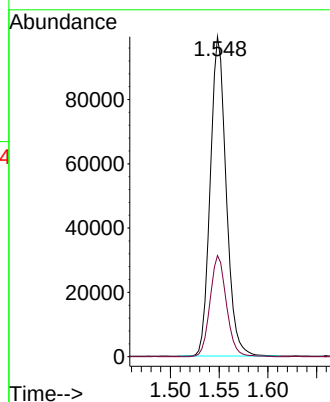
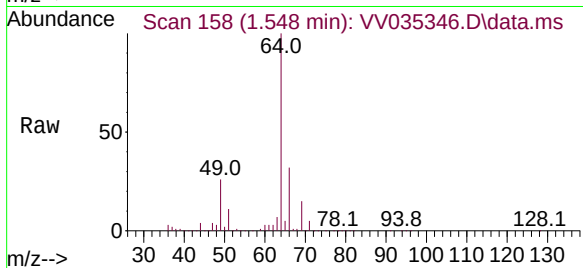




#8
Chloroethane
Concen: 39.196 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

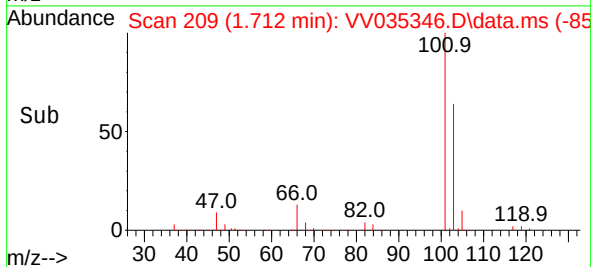
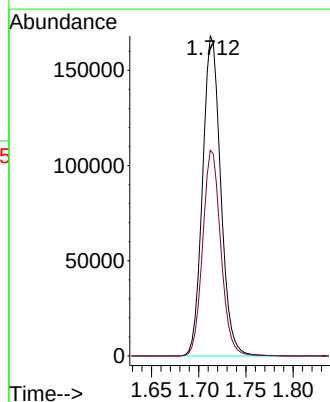
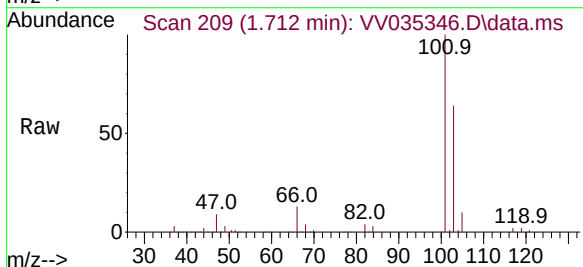
Instrument :
MSVOA_V
ClientSampleId :

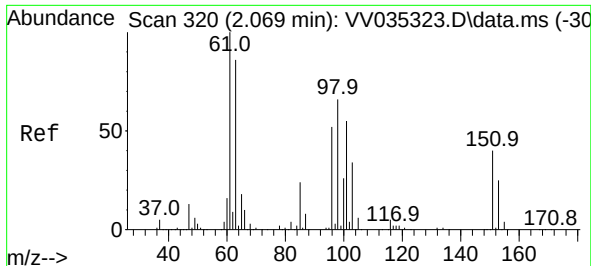
Tgt Ion: 64 Resp: 112739
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 40.675 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Tgt Ion:101 Resp: 224830
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4





#10

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

Concen: 40.094 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

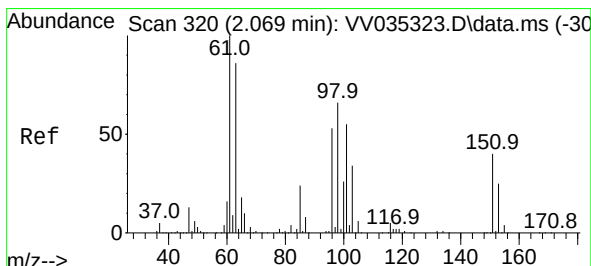
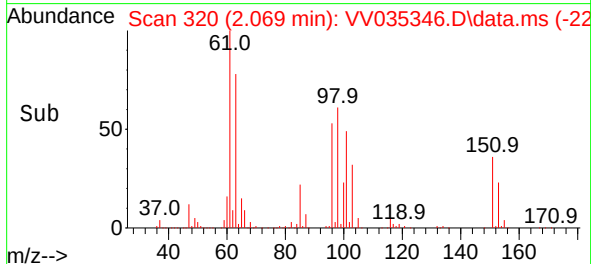
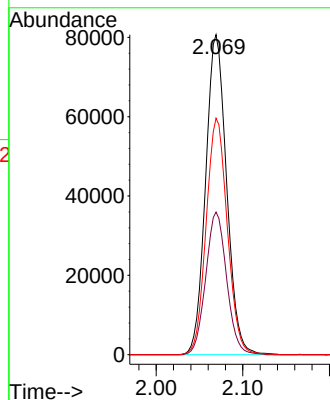
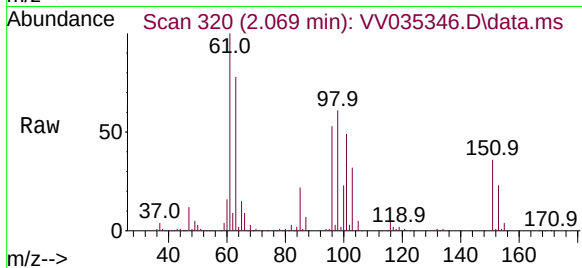
Tgt Ion:101 Resp: 135648

Ion Ratio Lower Upper

101 100

85 44.4 35.3 52.9

151 74.7 55.0 82.4



#12

1,1-Dichloroethene

Concen: 39.594 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

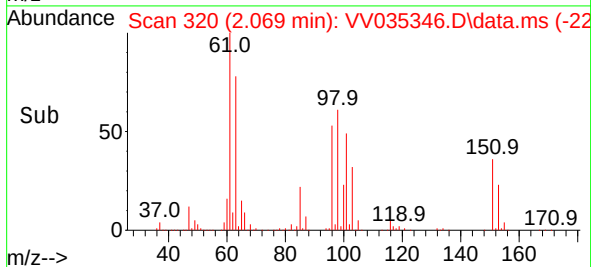
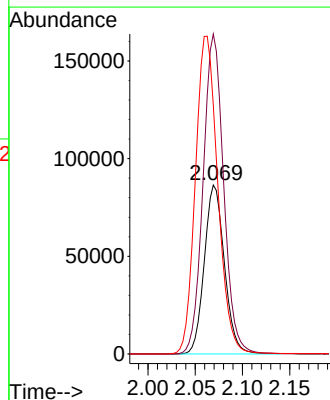
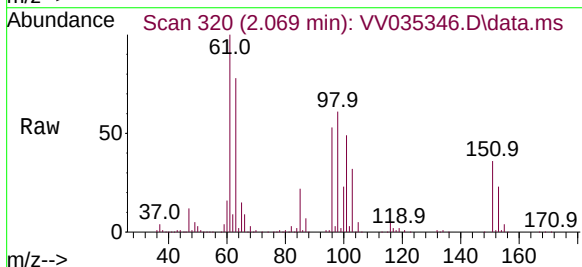
Tgt Ion: 96 Resp: 128117

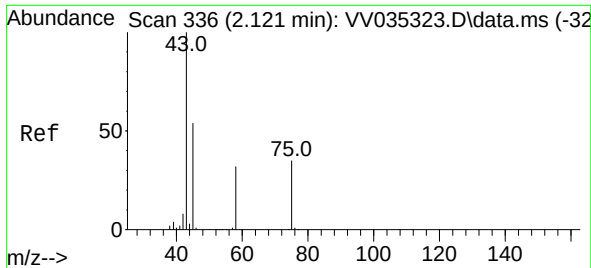
Ion Ratio Lower Upper

96 100

61 189.4 131.5 244.3

63 147.3 111.4 206.8





#13

Acetone

Concen: 64.179 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.000 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Instrument :

MSVOA_V

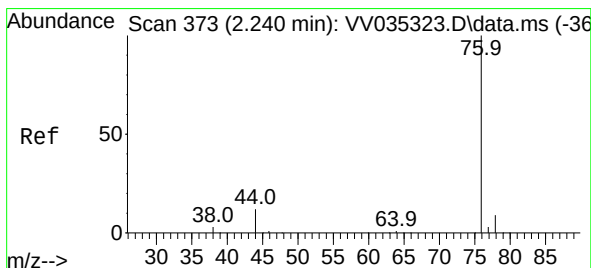
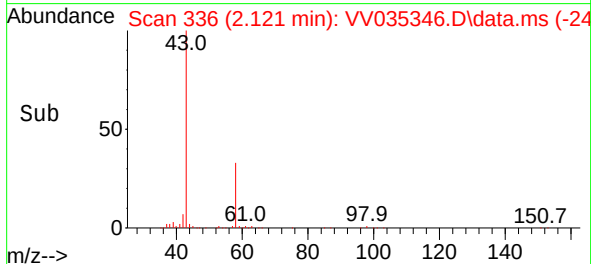
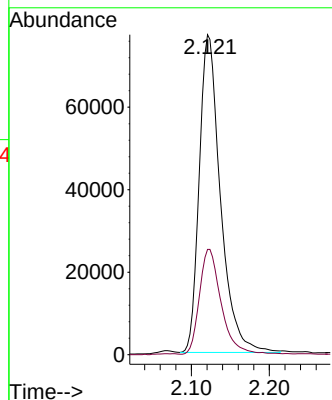
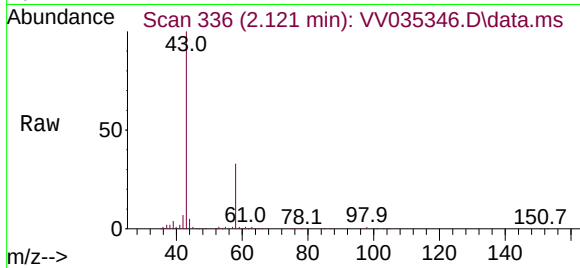
ClientSampleId :

Tgt Ion: 43 Resp: 145505

Ion Ratio Lower Upper

43 100

58 33.5 0.0 66.0



#14

Carbon disulfide

Concen: 34.137 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV035346.D

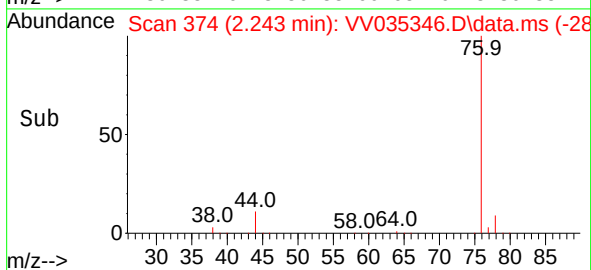
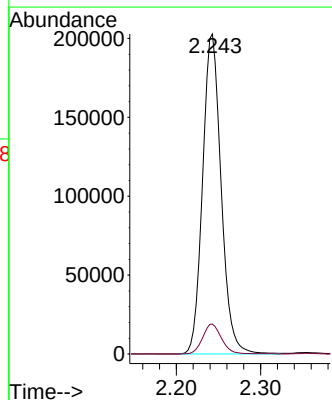
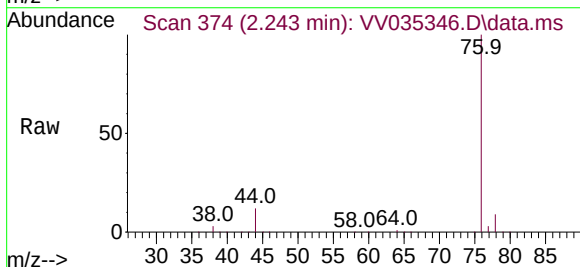
Acq: 22 Apr 2024 20:16

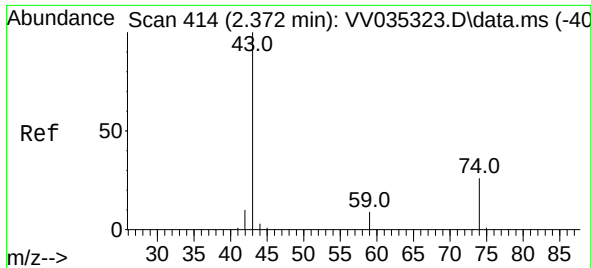
Tgt Ion: 76 Resp: 311059

Ion Ratio Lower Upper

76 100

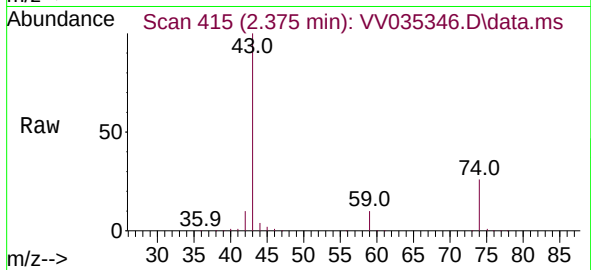
78 9.4 7.4 11.0



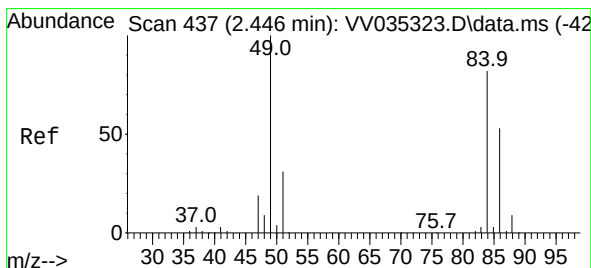
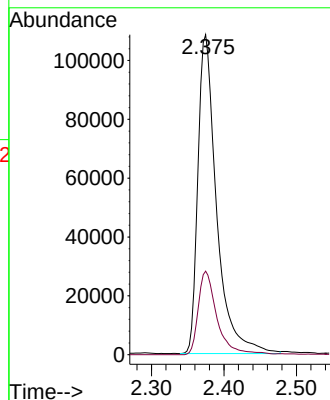
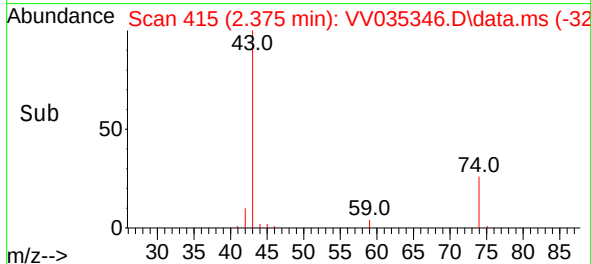


#15
Methyl Acetate
Concen: 54.309 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Instrument :
MSVOA_V
ClientSampleId :

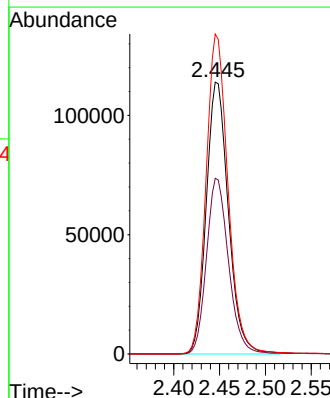
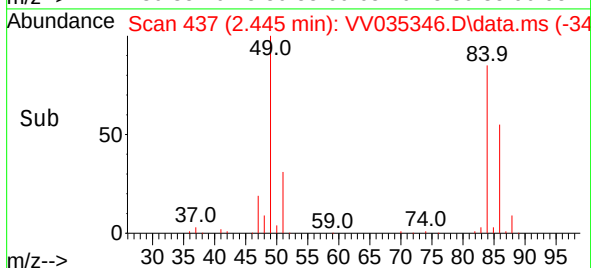
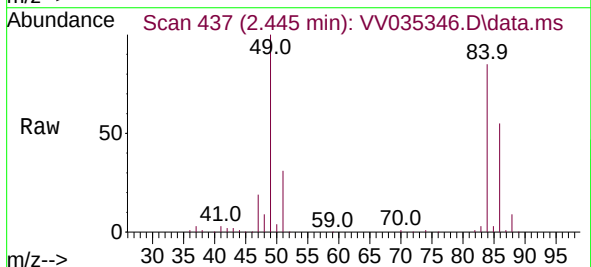


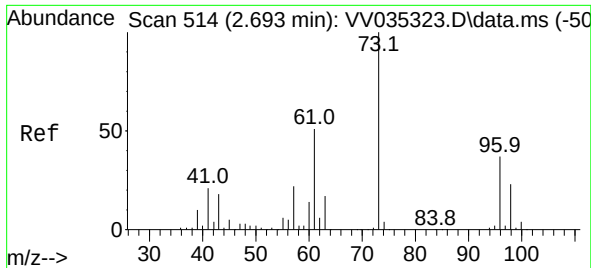
Tgt Ion: 43 Resp: 194031
Ion Ratio Lower Upper
43 100
74 25.9 19.8 29.8



#16
Methylene chloride
Concen: 54.455 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

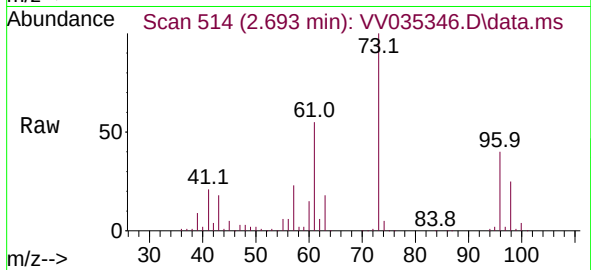
Tgt Ion: 84 Resp: 190925
Ion Ratio Lower Upper
84 100
86 64.6 44.6 82.8
49 117.7 86.9 161.3



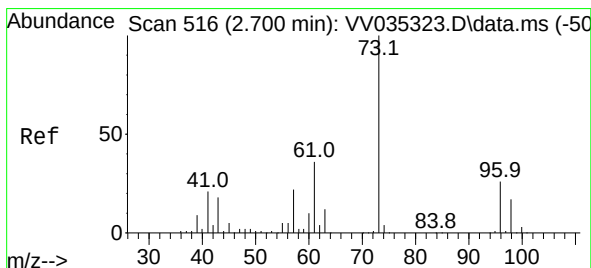
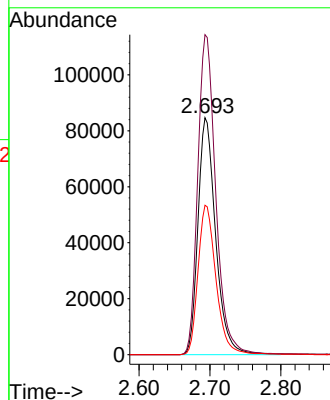
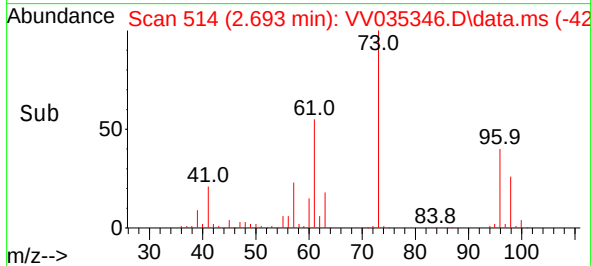


#17
trans-1,2-Dichloroethene
Concen: 46.994 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

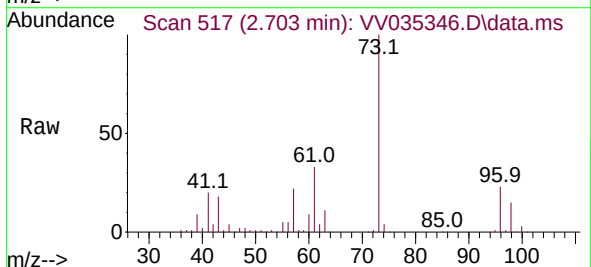
Instrument :
MSVOA_V
ClientSampleId :



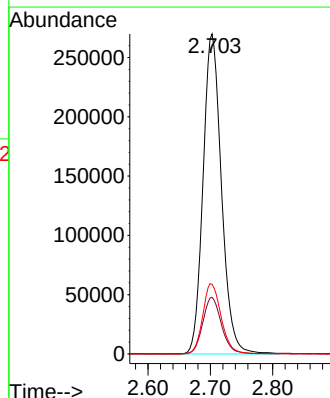
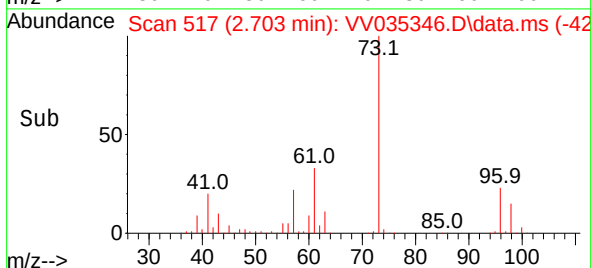
Tgt Ion: 96 Resp: 147016
Ion Ratio Lower Upper
96 100
61 135.0 99.0 183.8
98 63.1 44.3 82.3

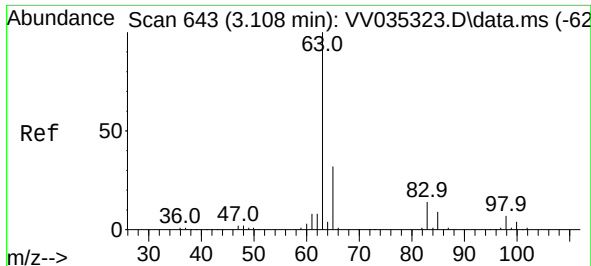


#18
Methyl tert-butyl Ether
Concen: 50.470 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16



Tgt Ion: 73 Resp: 554581
Ion Ratio Lower Upper
73 100
43 17.6 14.6 21.8
57 22.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 50.711 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.003 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

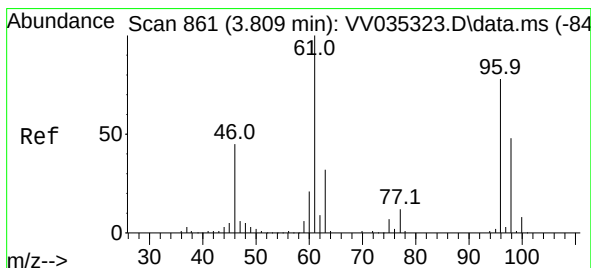
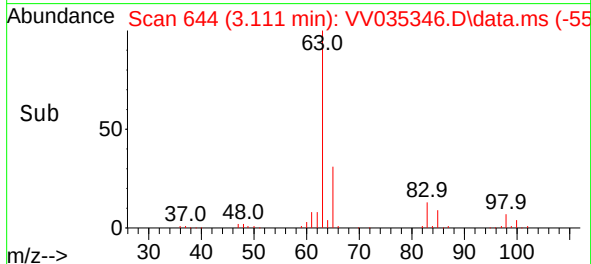
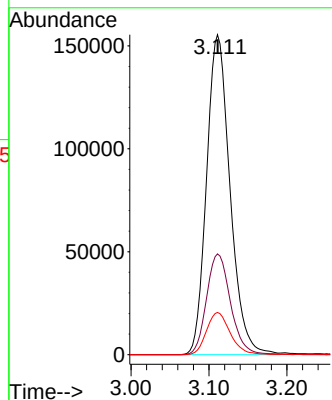
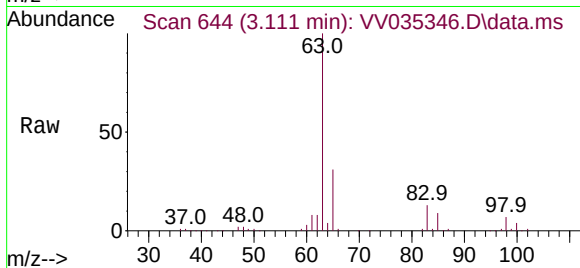
Tgt Ion: 63 Resp: 325329

Ion Ratio Lower Upper

63 100

65 31.5 23.0 42.6

83 13.2 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 51.373 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.006 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

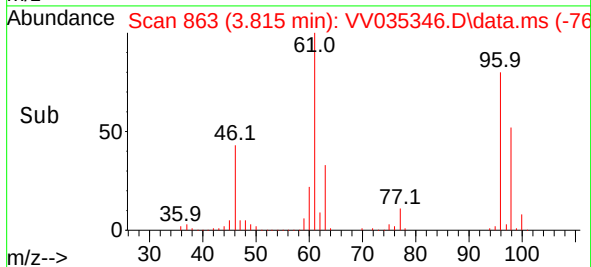
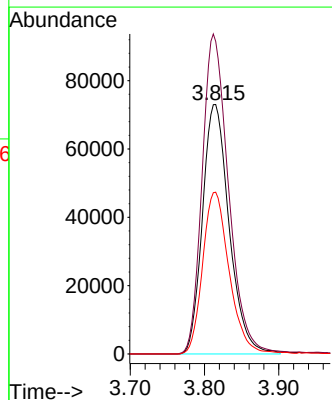
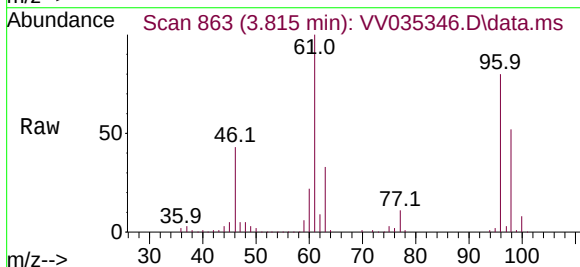
Tgt Ion: 96 Resp: 182498

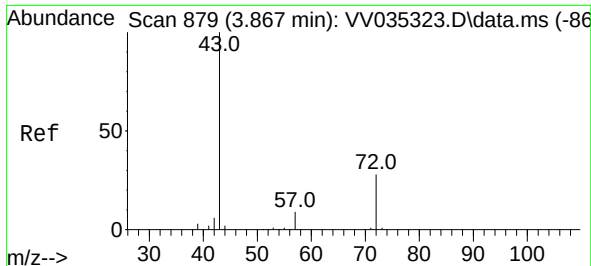
Ion Ratio Lower Upper

96 100

61 125.3 94.9 176.3

98 64.9 45.6 84.8

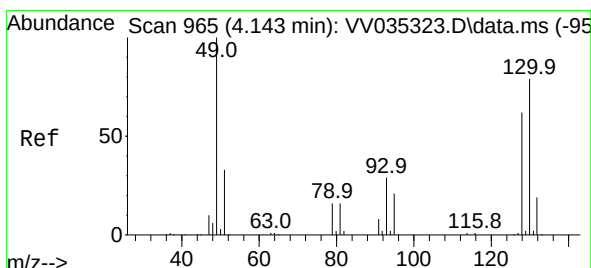
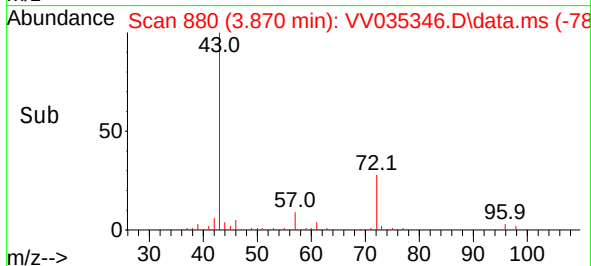
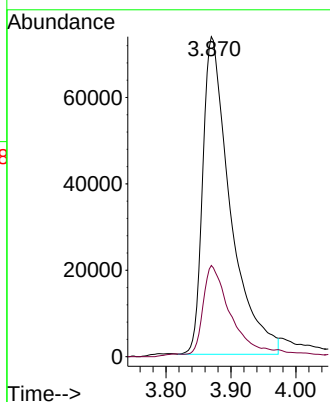
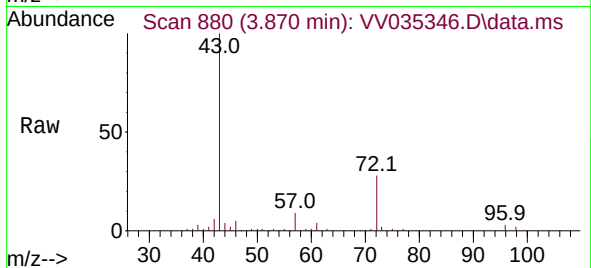




#22
2-Butanone
Concen: 82.571 ug/L
RT: 3.870 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

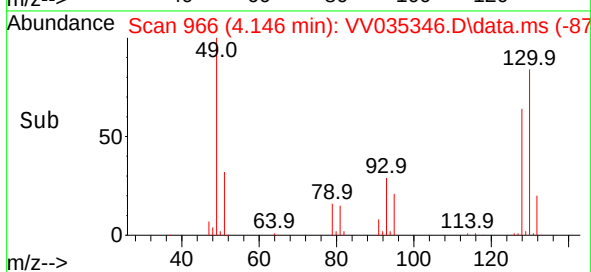
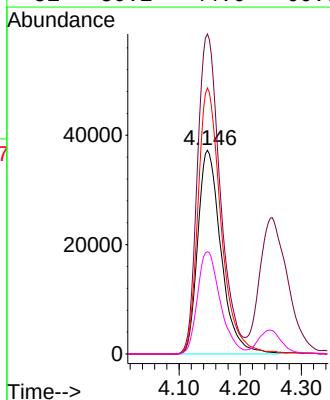
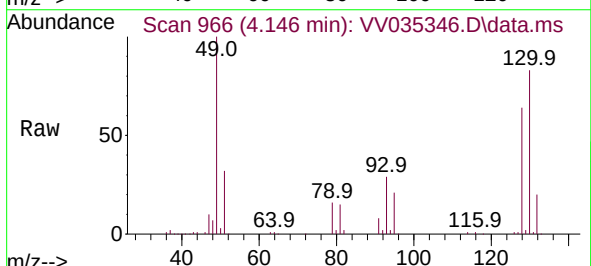
Instrument :
MSVOA_V
ClientSampleId :

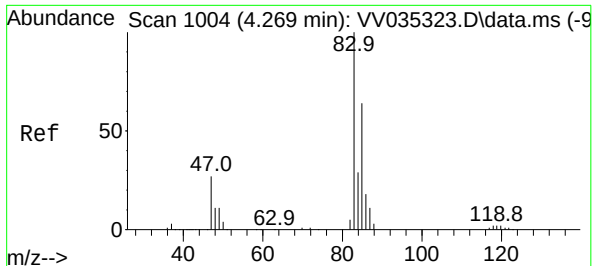
Tgt Ion: 43 Resp: 217227
Ion Ratio Lower Upper
43 100
72 26.1 13.2 39.6



#23
Bromochloromethane
Concen: 55.270 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Tgt Ion: 128 Resp: 98235
Ion Ratio Lower Upper
128 100
49 157.1 123.8 229.8
130 130.5 93.2 173.0
51 50.2 44.0 66.0





#25

Chloroform

Concen: 53.743 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Instrument :

MSVOA_V

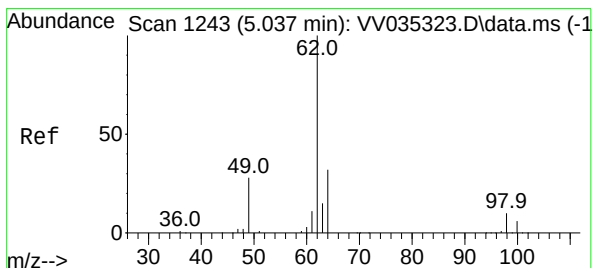
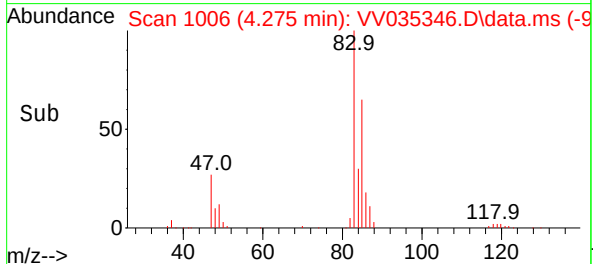
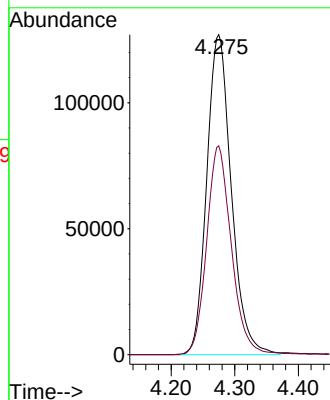
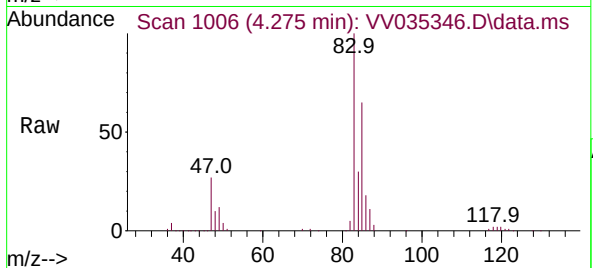
ClientSampleId :

Tgt Ion: 83 Resp: 340879

Ion Ratio Lower Upper

83 100

85 65.2 46.0 85.4



#27

1,2-Dichloroethane

Concen: 49.664 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV035346.D

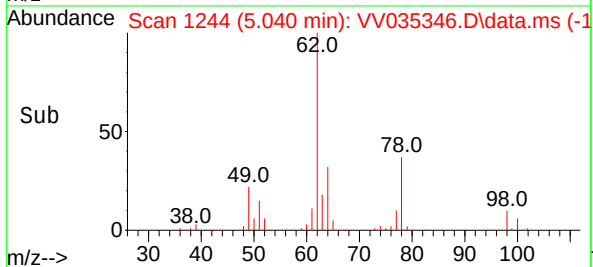
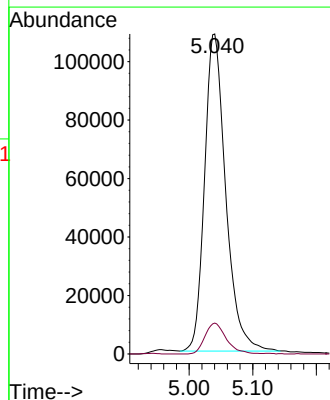
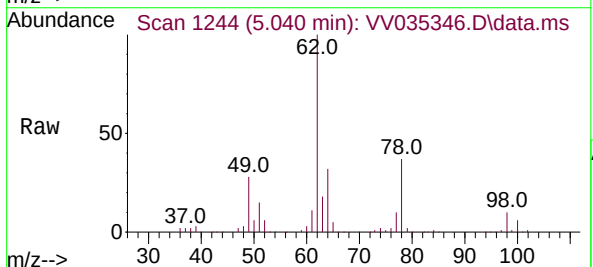
Acq: 22 Apr 2024 20:16

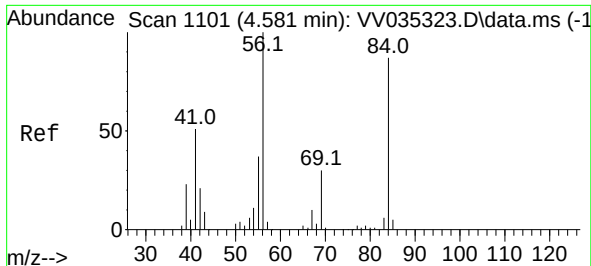
Tgt Ion: 62 Resp: 250803

Ion Ratio Lower Upper

62 100

98 9.7 7.2 10.8





#29

Cyclohexane

Concen: 39.076 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

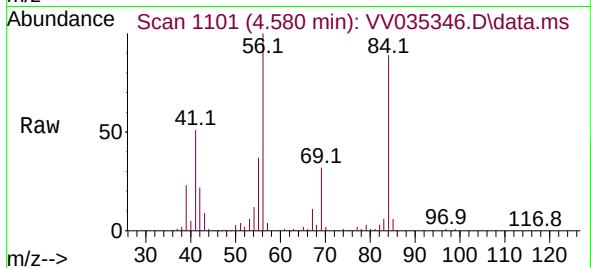
Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :



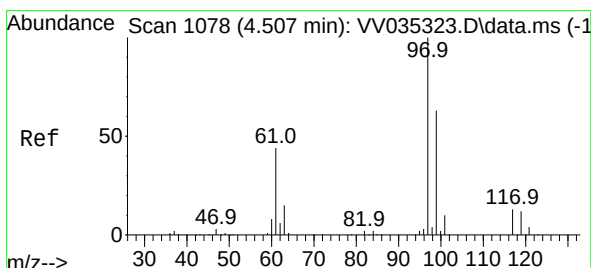
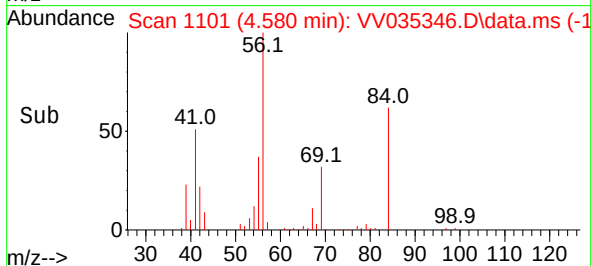
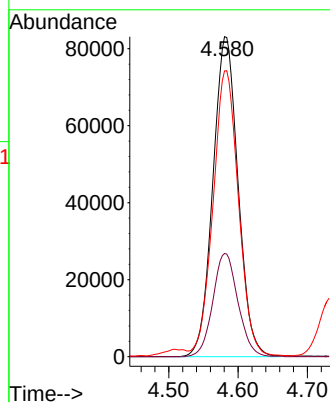
Tgt Ion: 56 Resp: 209778

Ion Ratio Lower Upper

56 100

69 32.1 24.2 36.2

84 90.2 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 49.777 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

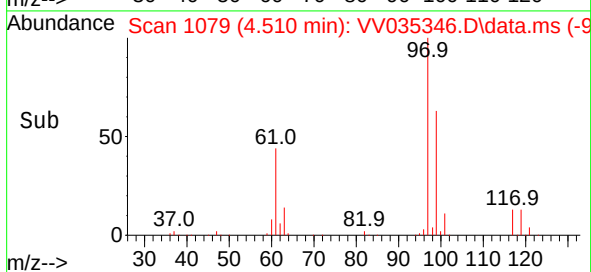
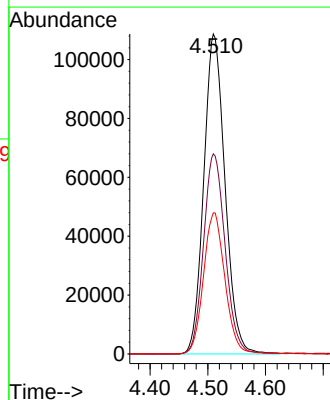
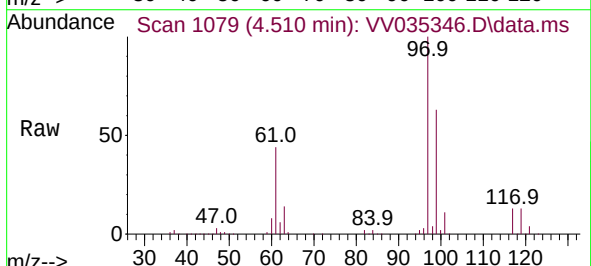
Tgt Ion: 97 Resp: 278115

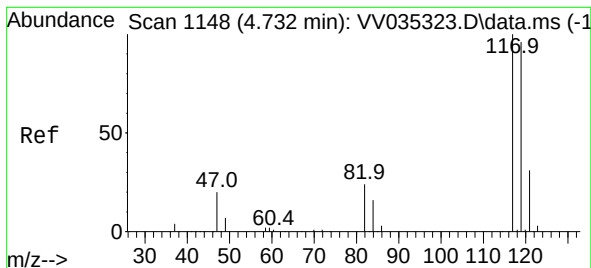
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 44.0 36.8 55.2





#31

Carbon tetrachloride

Concen: 49.670 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Instrument :

MSVOA_V

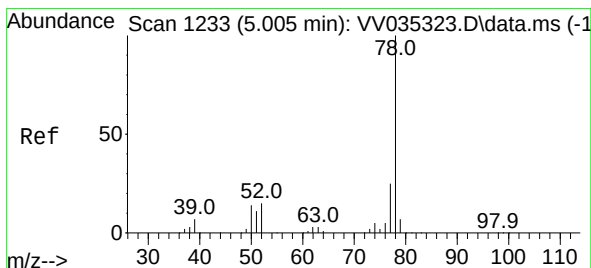
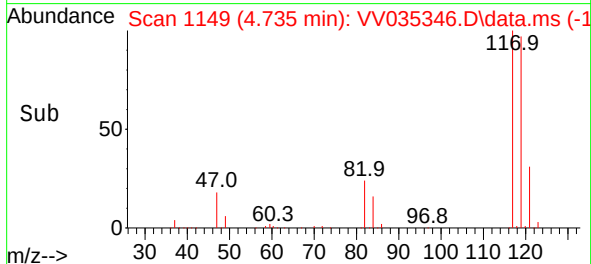
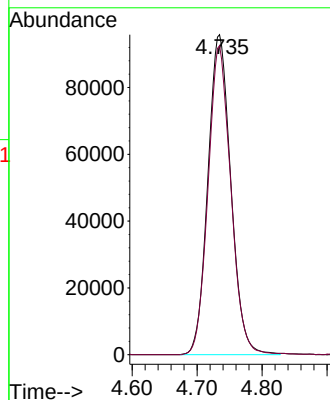
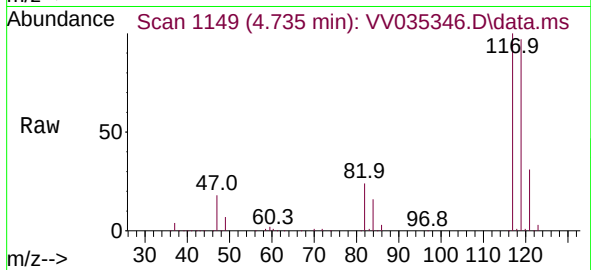
ClientSampleId :

Tgt Ion:117 Resp: 235218

Ion Ratio Lower Upper

117 100

119 95.5 77.1 115.7



#33

Benzene

Concen: 48.079 ug/L

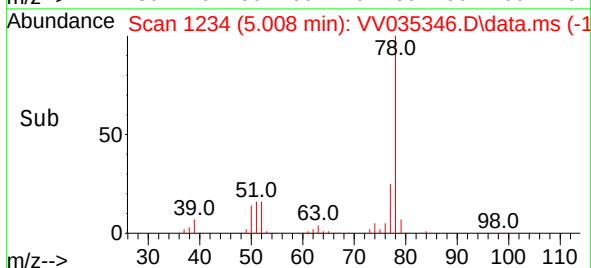
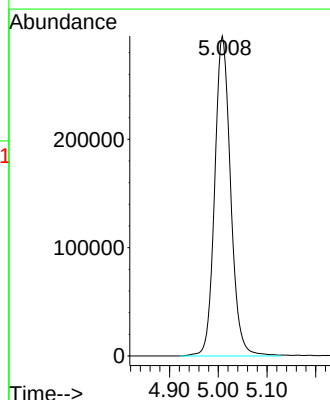
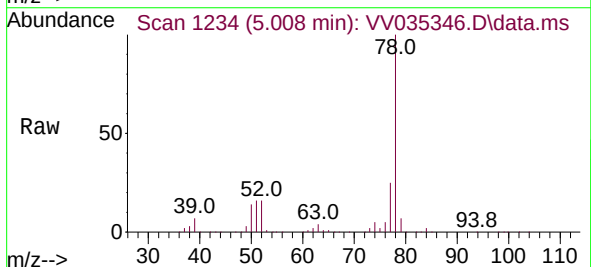
RT: 5.008 min Scan# 1234

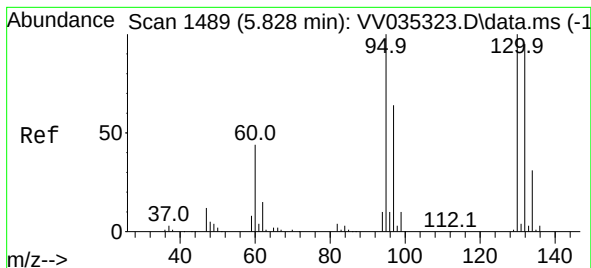
Delta R.T. 0.003 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Tgt Ion: 78 Resp: 671995





#34

Trichloroethene

Concen: 47.103 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 177674

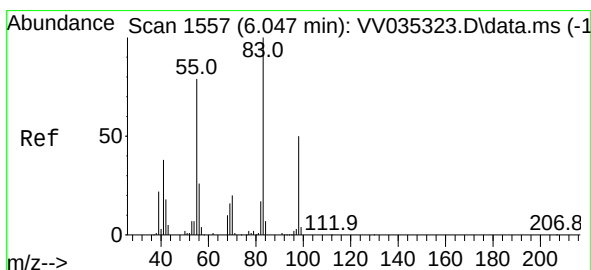
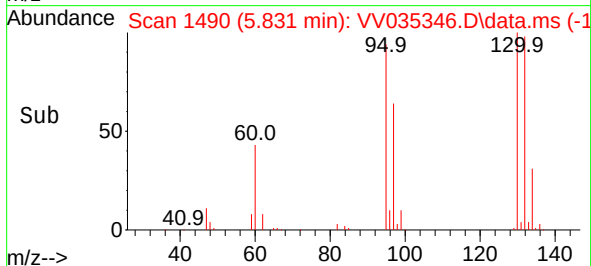
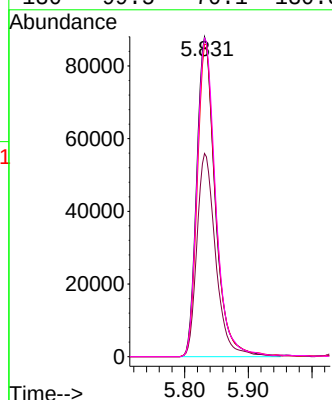
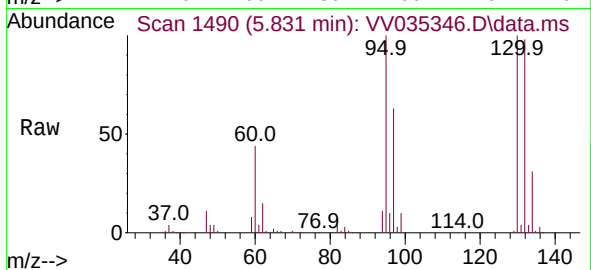
Ion Ratio Lower Upper

95 100

97 63.5 45.3 84.1

132 97.7 65.3 121.3

130 99.5 70.1 130.3



#35

Methylcyclohexane

Concen: 38.098 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

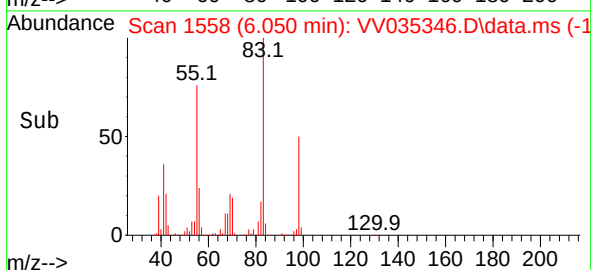
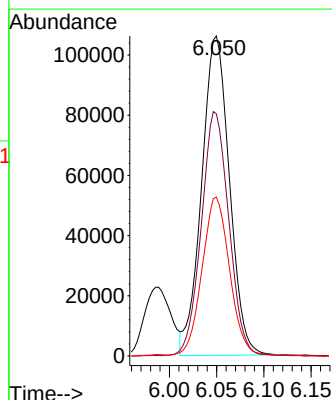
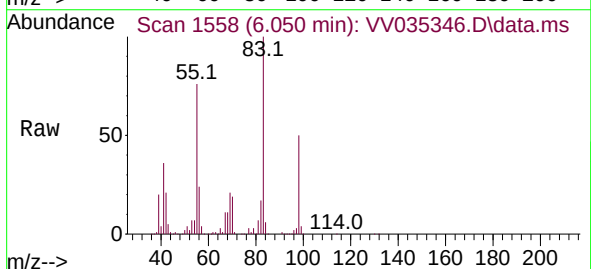
Tgt Ion: 83 Resp: 217033

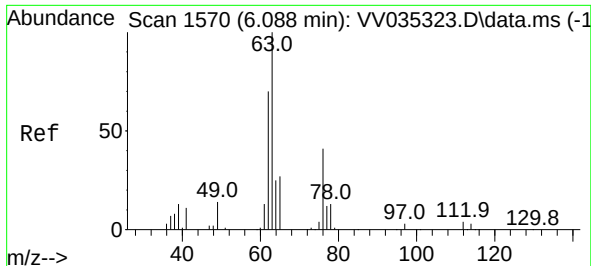
Ion Ratio Lower Upper

83 100

55 76.0 60.0 90.0

98 49.4 37.6 56.4





#37

1,2-Dichloropropane

Concen: 51.588 ug/L

RT: 6.091 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Instrument :

MSVOA_V

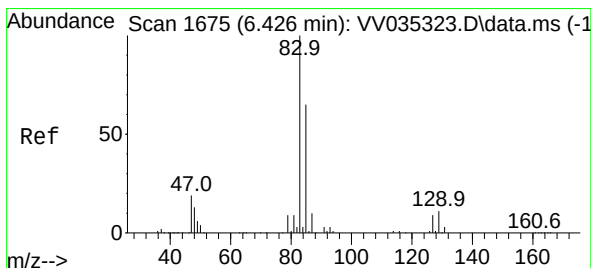
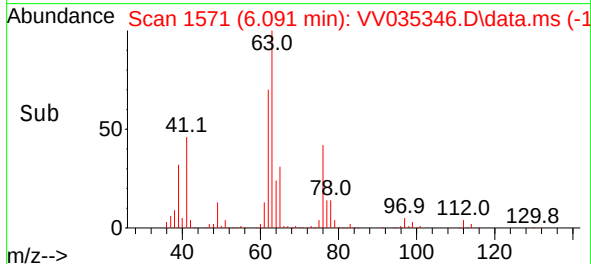
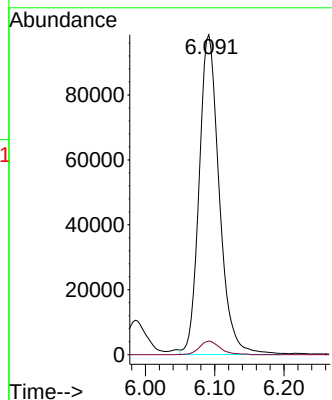
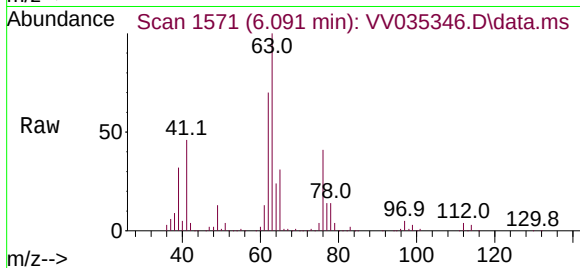
ClientSampleId :

Tgt Ion: 63 Resp: 199263

Ion Ratio Lower Upper

63 100

112 4.4 3.3 4.9



#38

Bromodichloromethane

Concen: 51.670 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

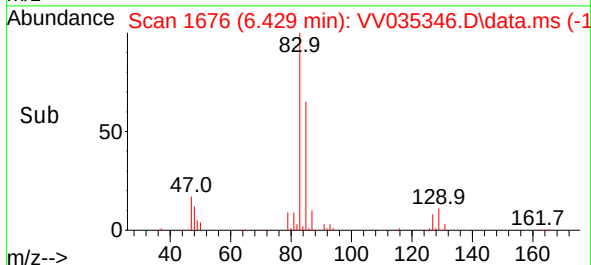
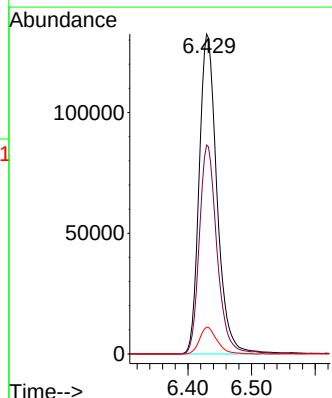
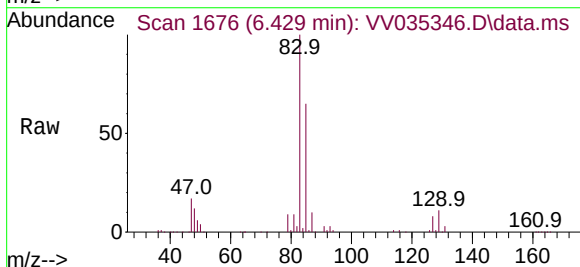
Tgt Ion: 83 Resp: 257506

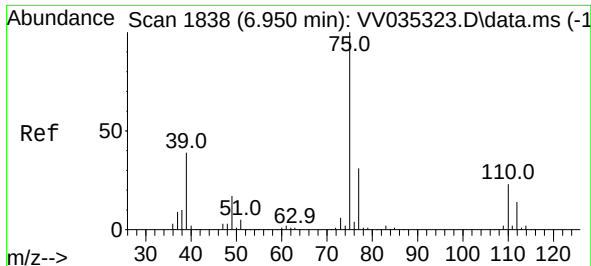
Ion Ratio Lower Upper

83 100

85 65.3 43.7 81.1

127 8.4 6.4 9.6

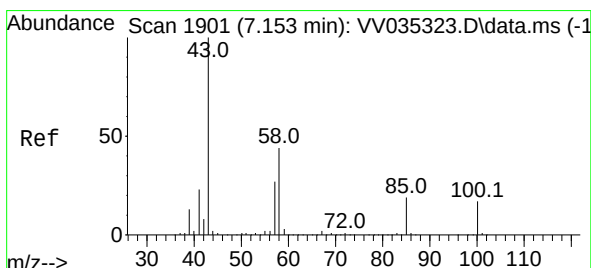
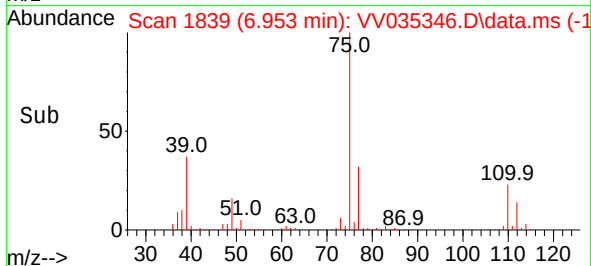
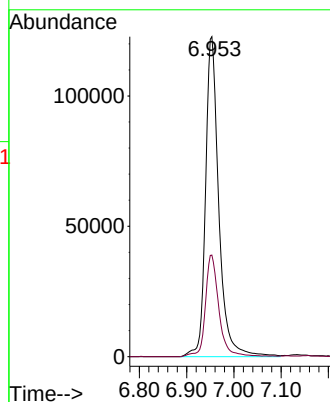
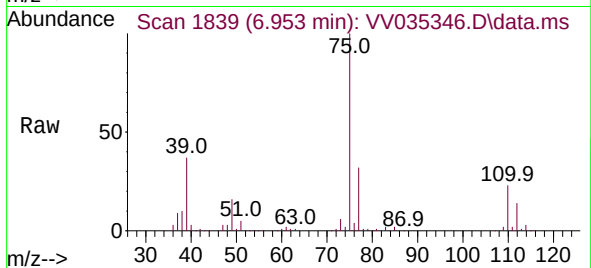




#39
cis-1,3-Dichloropropene
Concen: 39.405 ug/L
RT: 6.953 min Scan# 1838
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

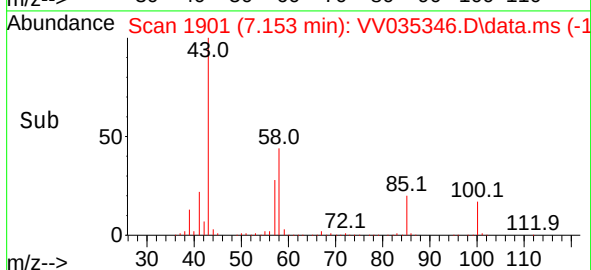
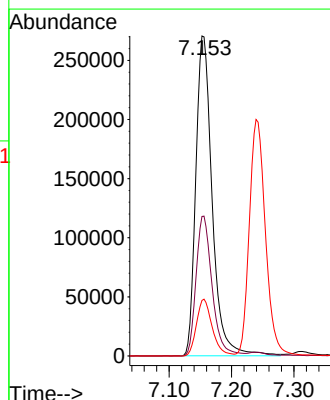
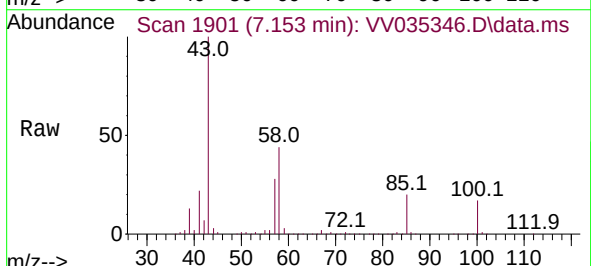
Instrument :
MSVOA_V
ClientSampleId :

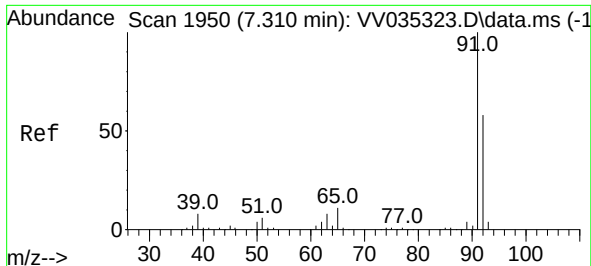
Tgt Ion: 75 Resp: 239773
Ion Ratio Lower Upper
75 100
77 31.7 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 100.290 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Tgt Ion: 43 Resp: 494590
Ion Ratio Lower Upper
43 100
58 42.7 33.8 50.8
100 17.0 13.0 19.4





#42

Toluene

Concen: 49.596 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Instrument :

MSVOA_V

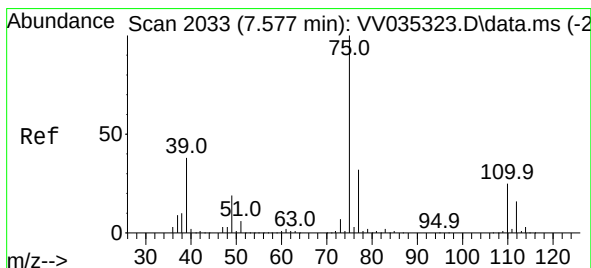
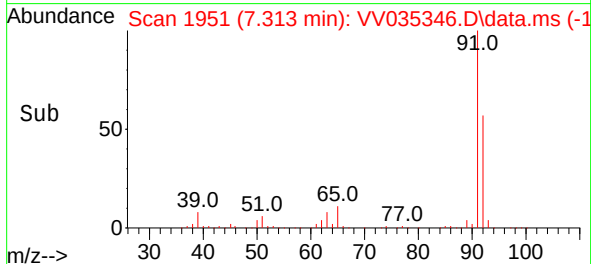
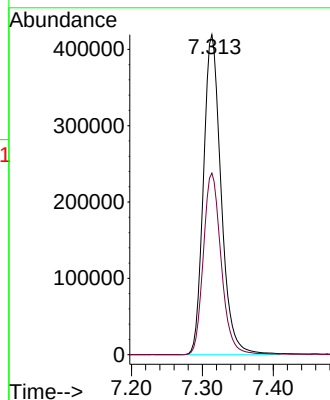
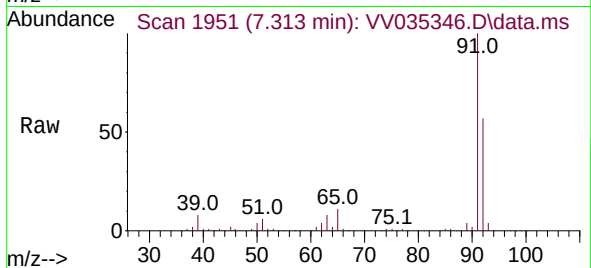
ClientSampleId :

Tgt Ion: 91 Resp: 725736

Ion Ratio Lower Upper

91 100

92 56.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 40.377 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035346.D

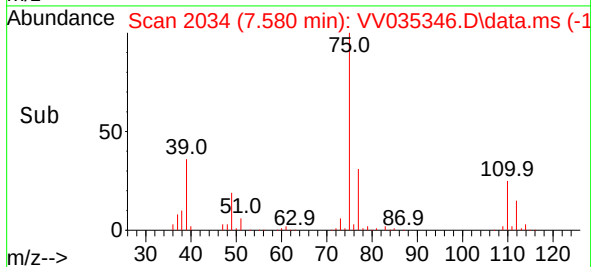
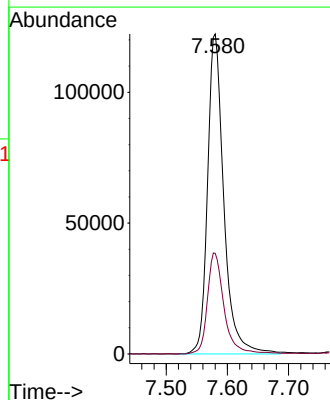
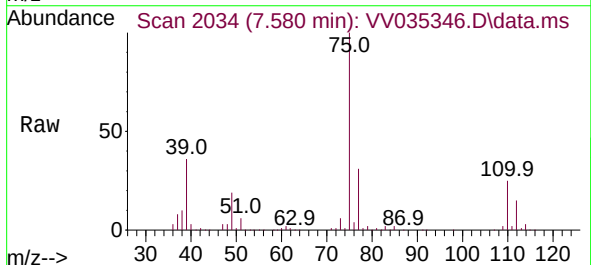
Acq: 22 Apr 2024 20:16

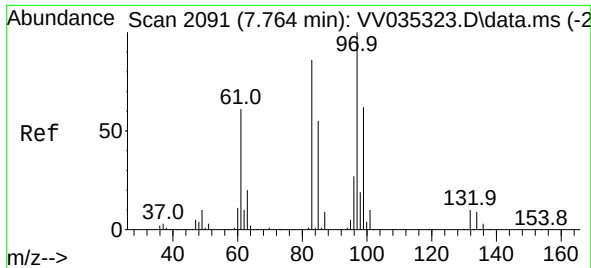
Tgt Ion: 75 Resp: 225715

Ion Ratio Lower Upper

75 100

77 31.5 21.7 40.3



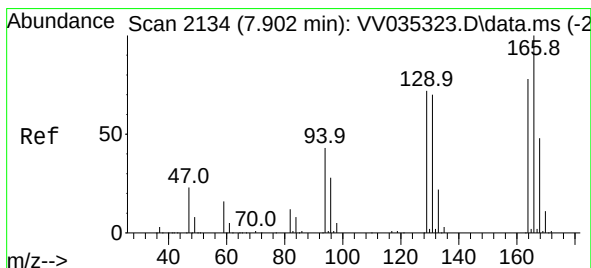
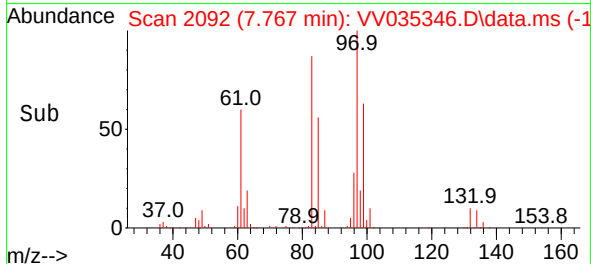
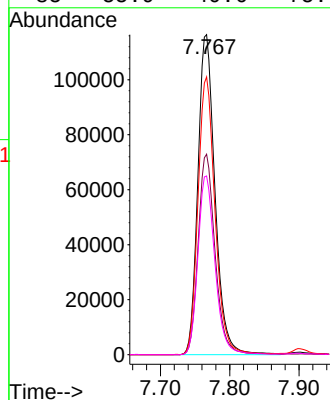
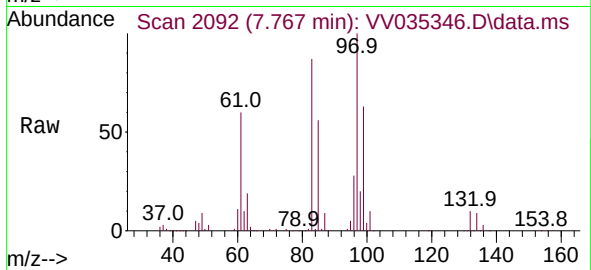


#45
1,1,2-Trichloroethane
Concen: 55.055 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 200436

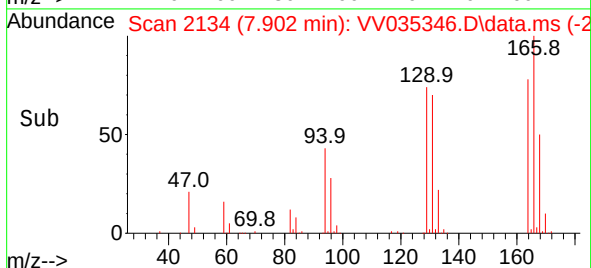
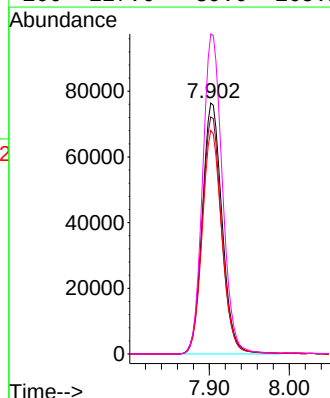
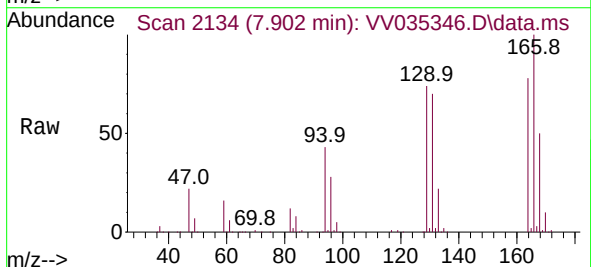
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.3	80.3
83	86.8	61.6	114.4
85	55.9	40.6	75.4

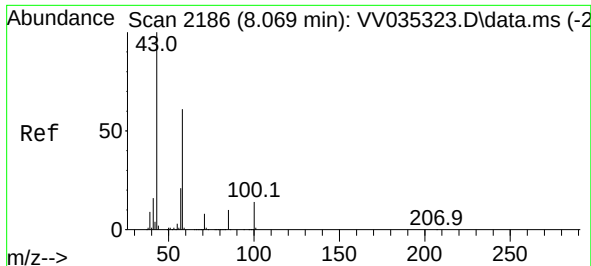


#46
Tetrachloroethene
Concen: 49.911 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Tgt Ion: 164 Resp: 131529

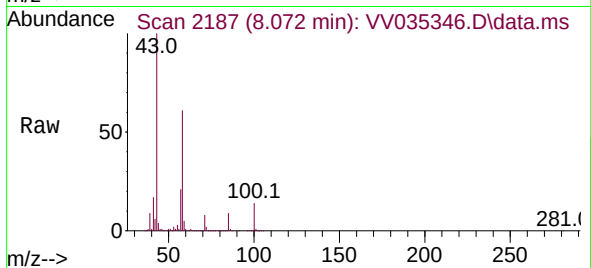
Ion	Ratio	Lower	Upper
164	100		
129	94.5	68.6	127.4
131	89.1	65.7	122.1
166	127.6	89.0	165.2



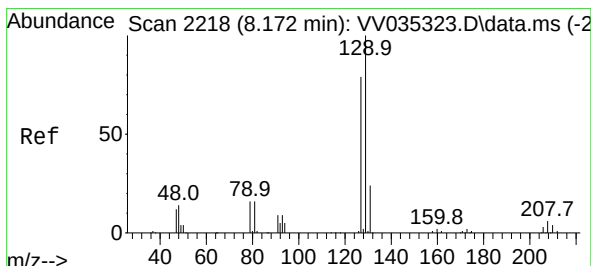
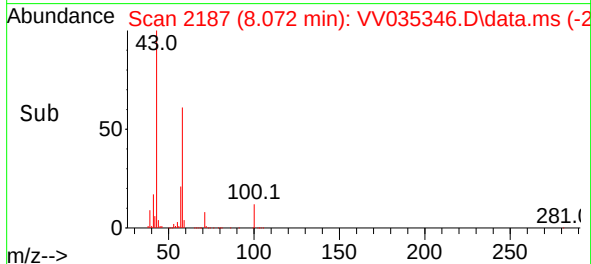
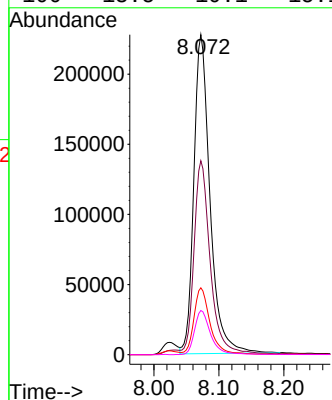


#48
2-Hexanone
Concen: 94.115 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Instrument :
MSVOA_V
ClientSampleId :

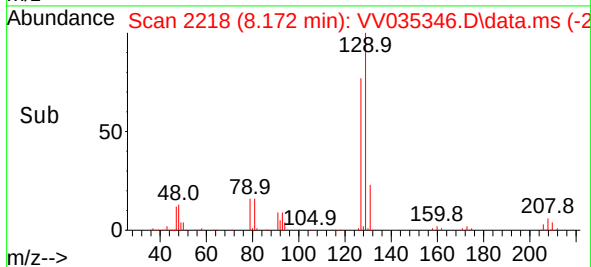
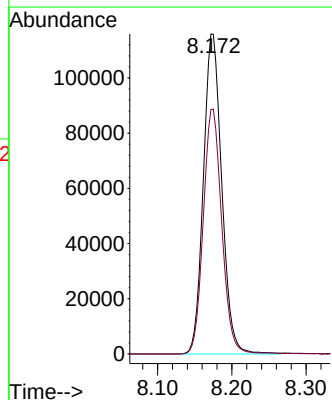
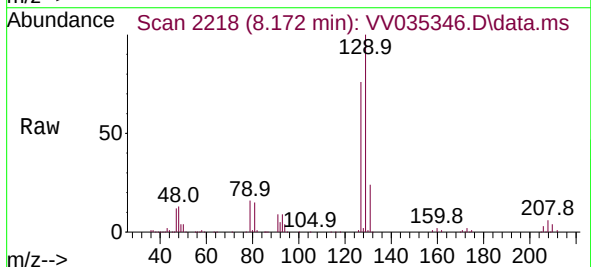


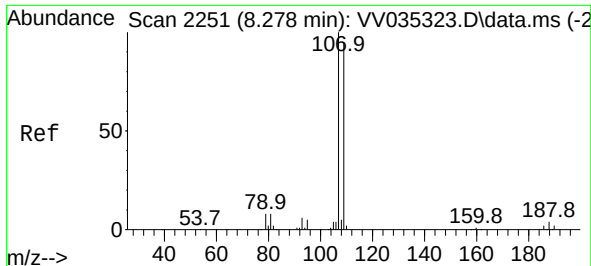
Tgt Ion: 43 Resp: 394753
Ion Ratio Lower Upper
43 100
58 59.8 45.4 68.2
57 20.6 16.2 24.4
100 13.5 10.1 15.1



#49
Dibromochloromethane
Concen: 55.159 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

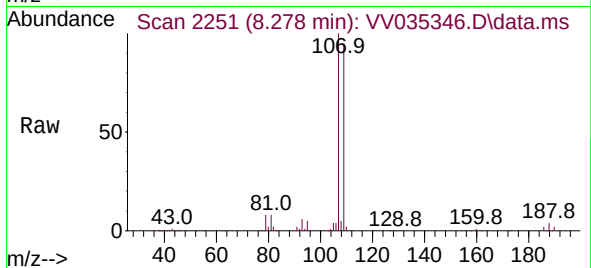
Tgt Ion: 129 Resp: 198890
Ion Ratio Lower Upper
129 100
127 76.4 54.1 100.5



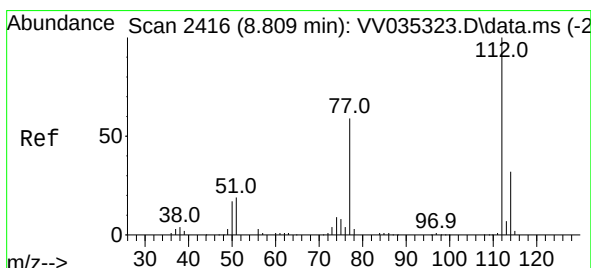
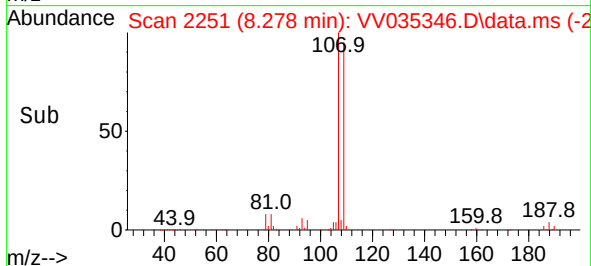
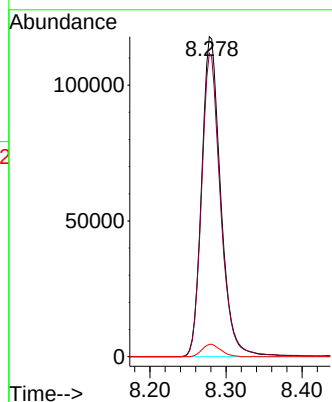


#50
1,2-Dibromoethane
Concen: 52.207 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Instrument :
MSVOA_V
ClientSampleId :

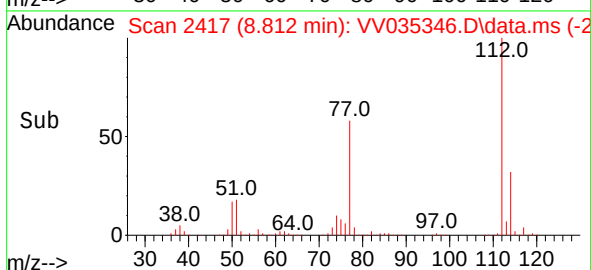
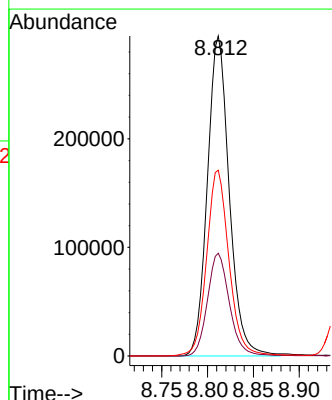
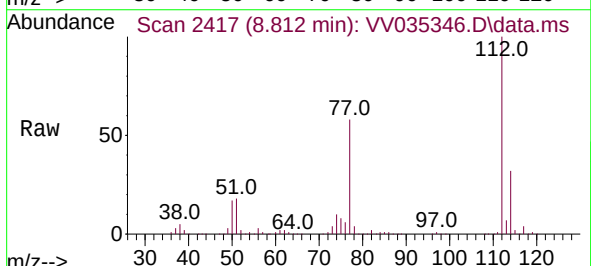


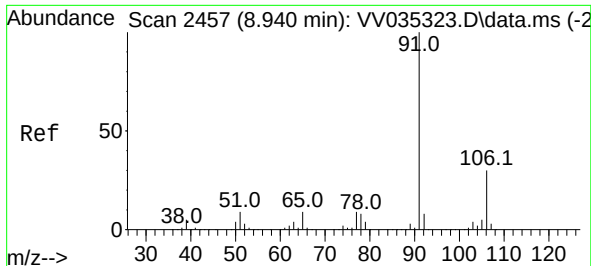
Tgt Ion:107 Resp: 204628
Ion Ratio Lower Upper
107 100
109 94.8 64.5 119.9
188 3.9 2.8 4.2



#51
Chlorobenzene
Concen: 51.671 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Tgt Ion:112 Resp: 490042
Ion Ratio Lower Upper
112 100
114 32.1 22.0 41.0
77 58.0 47.4 71.2





#52

Ethylbenzene

Concen: 49.023 ug/L

RT: 8.943 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Instrument :

MSVOA_V

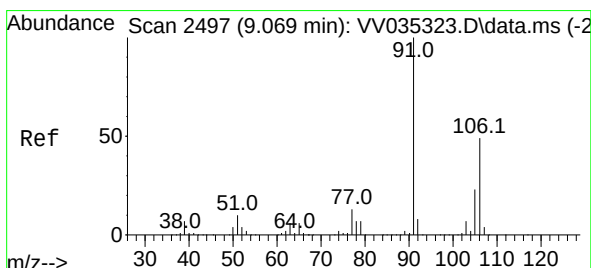
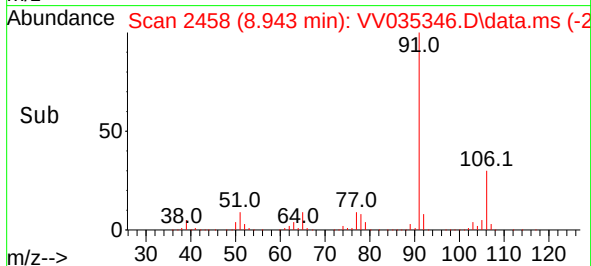
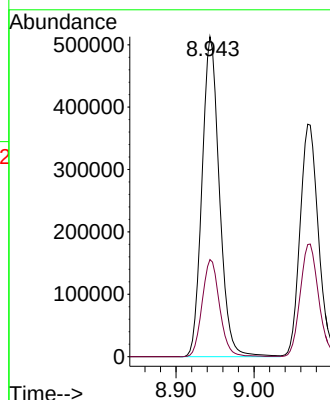
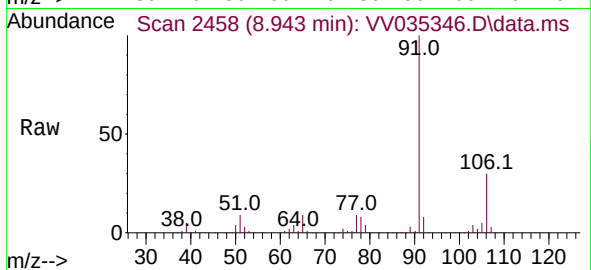
ClientSampleId :

Tgt Ion: 91 Resp: 795027

Ion Ratio Lower Upper

91 100

106 30.3 21.3 39.5



#53

m,p-Xylene

Concen: 49.791 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV035346.D

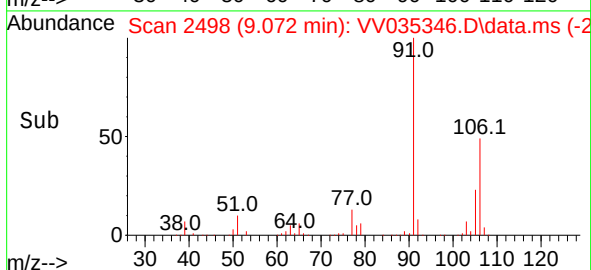
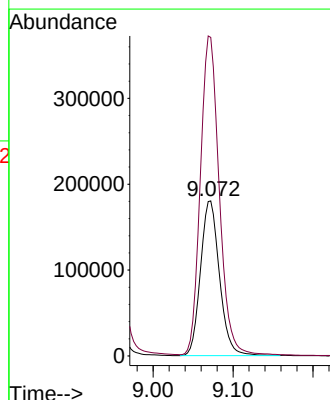
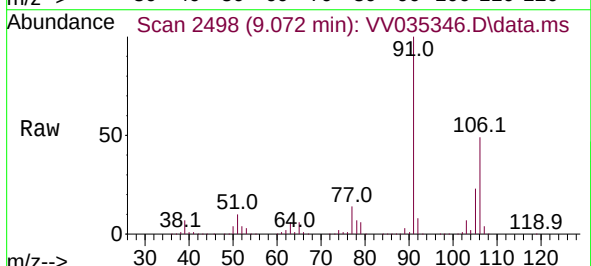
Acq: 22 Apr 2024 20:16

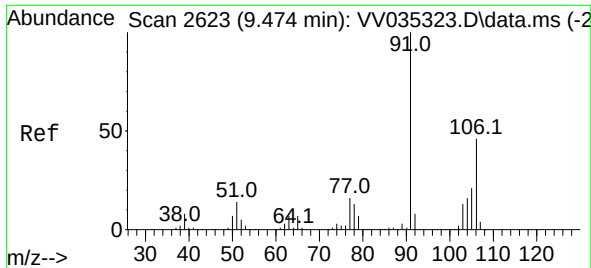
Tgt Ion: 106 Resp: 297369

Ion Ratio Lower Upper

106 100

91 205.6 144.8 269.0

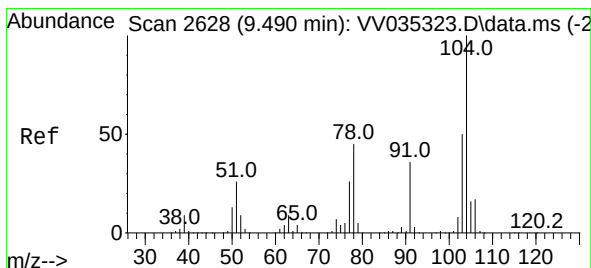
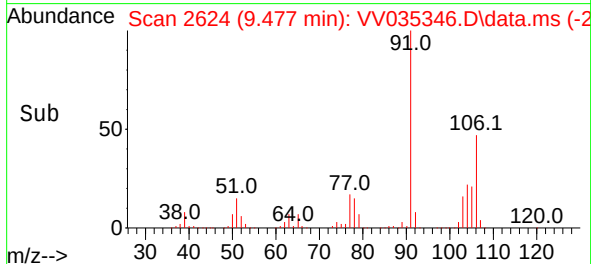
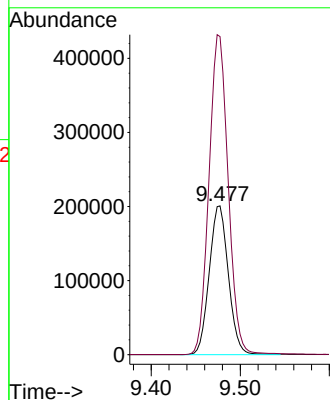
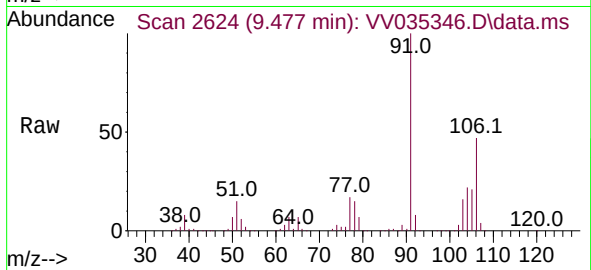




#54
o-Xylene
Concen: 50.663 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

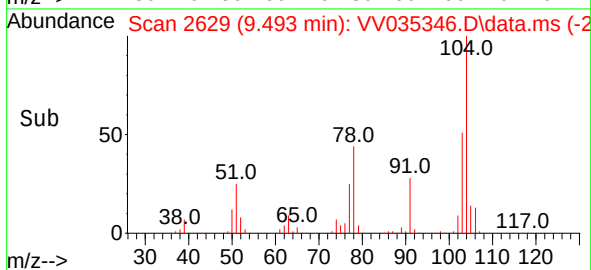
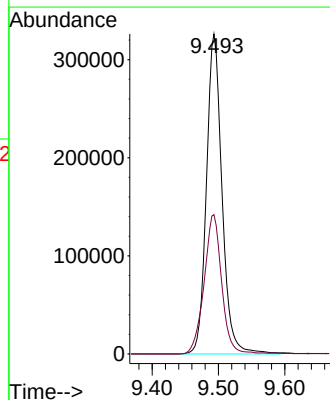
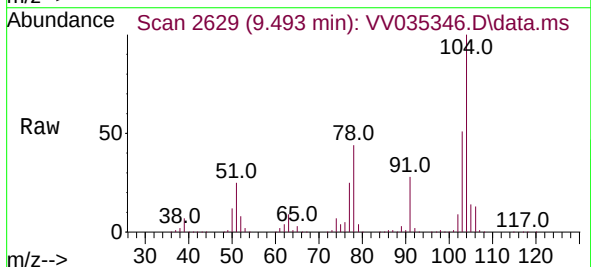
Instrument :
MSVOA_V
ClientSampleId :

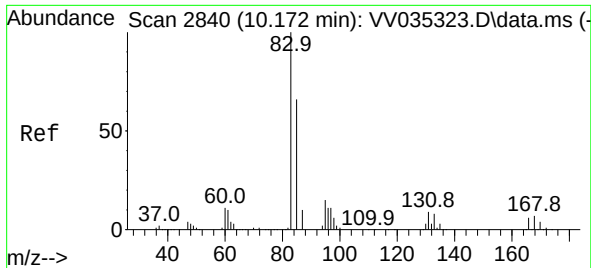
Tgt Ion:106 Resp: 299378
Ion Ratio Lower Upper
106 100
91 213.8 151.3 280.9



#55
Styrene
Concen: 53.502 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Tgt Ion:104 Resp: 534275
Ion Ratio Lower Upper
104 100
78 43.6 31.5 58.5

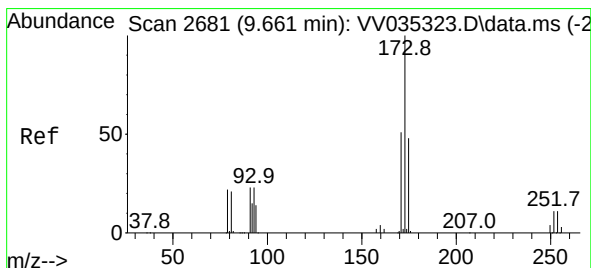
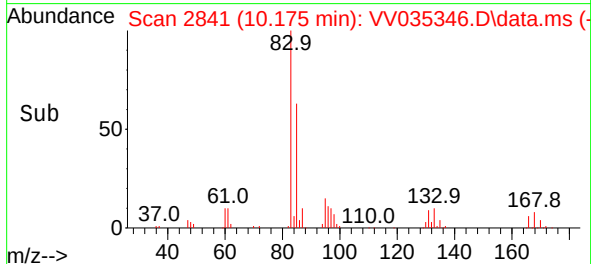
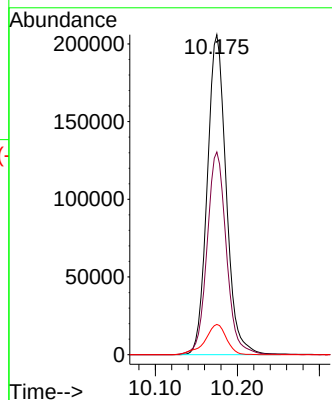
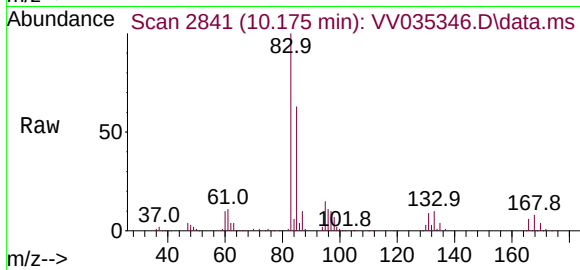




#57
1,1,2,2-Tetrachloroethane
Concen: 55.963 ug/L
RT: 10.175 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

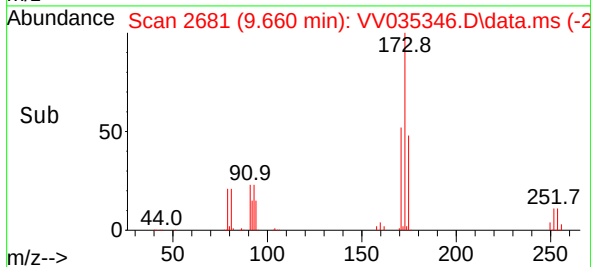
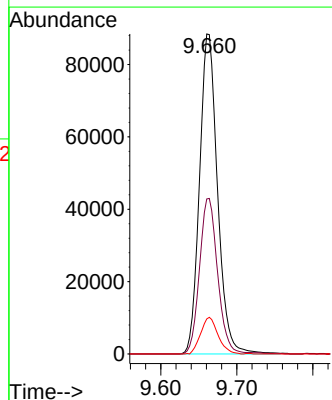
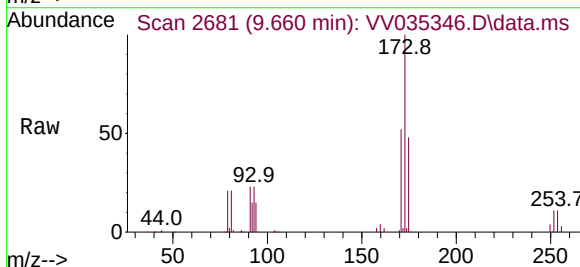
Instrument :
MSVOA_V
ClientSampleId :

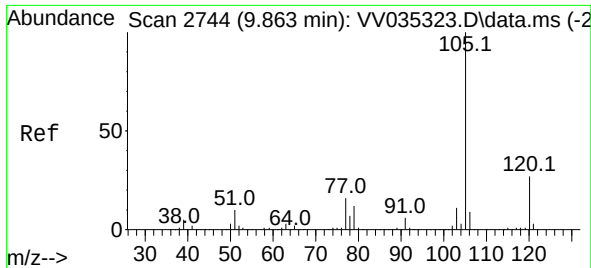
Tgt Ion: 83 Resp: 330108
Ion Ratio Lower Upper
83 100
85 63.4 44.5 82.7
131 9.5 6.9 10.3



#59
Bromoform
Concen: 54.907 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Tgt Ion: 173 Resp: 145629
Ion Ratio Lower Upper
173 100
175 49.0 39.3 58.9
254 11.0 7.5 11.3

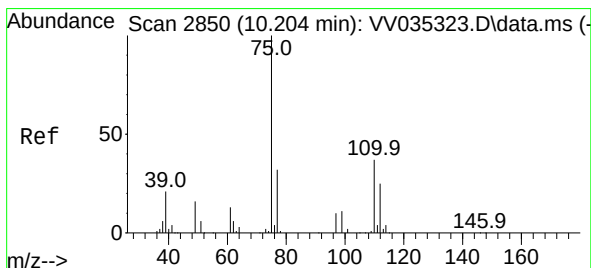
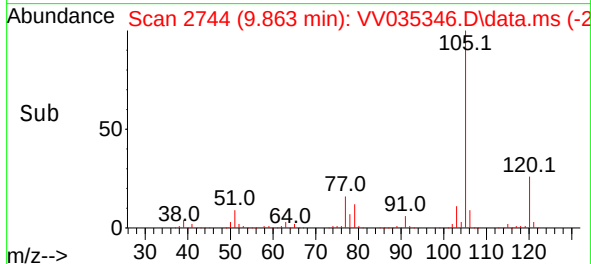
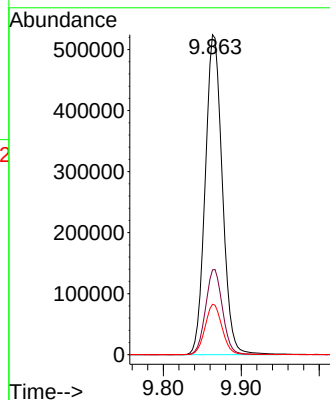
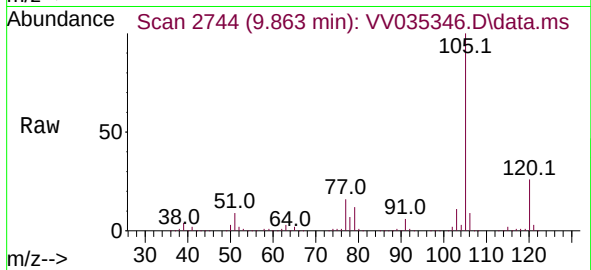




#60
Isopropylbenzene
Concen: 47.838 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

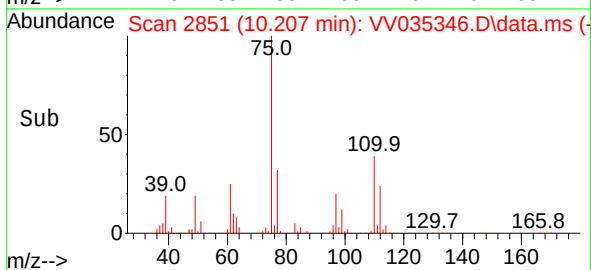
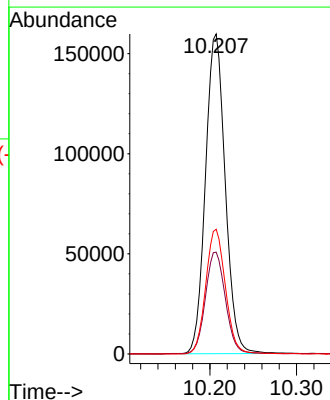
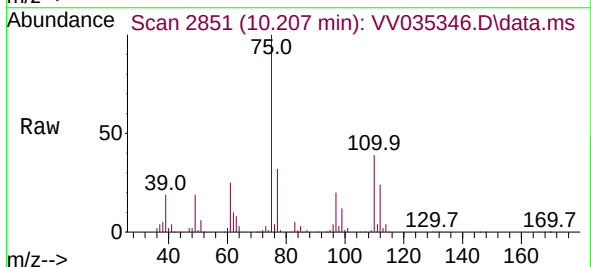
Instrument :
MSVOA_V
ClientSampleId :

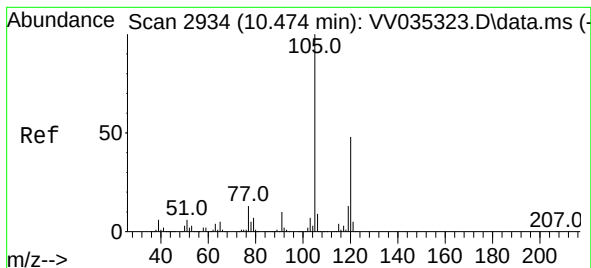
Tgt Ion:105 Resp: 798189
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.6
77 15.7 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 50.480 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Tgt Ion: 75 Resp: 253171
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 38.9 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 47.655 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Instrument :

MSVOA_V

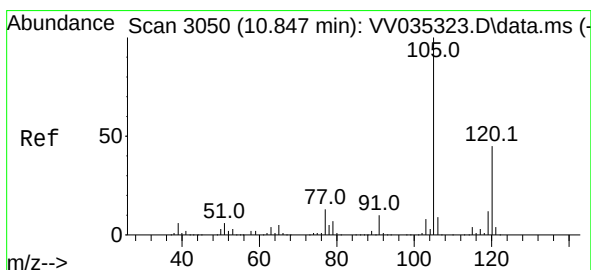
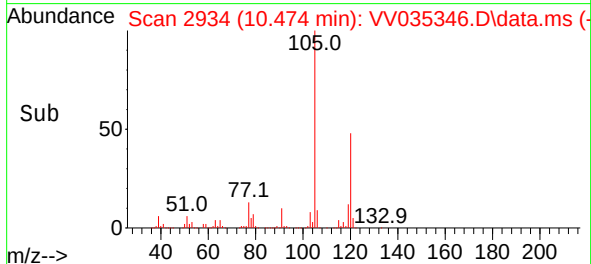
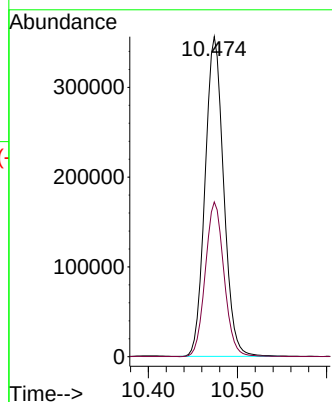
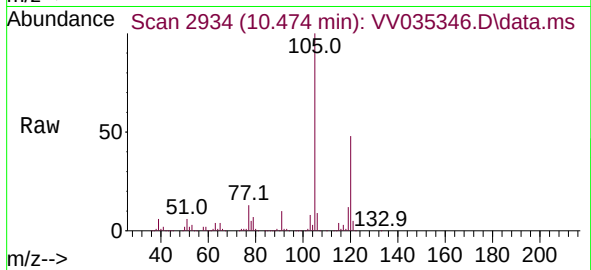
ClientSampleId :

Tgt Ion:105 Resp: 516403

Ion Ratio Lower Upper

105 100

120 48.9 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 48.178 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV035346.D

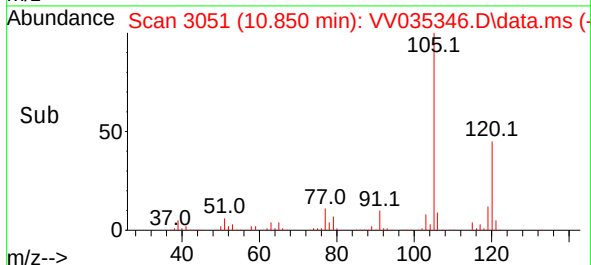
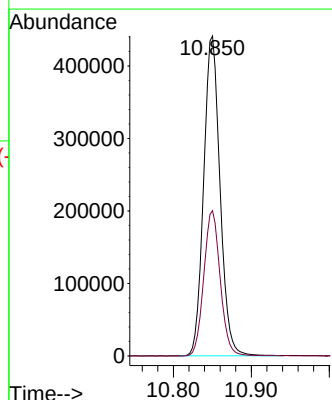
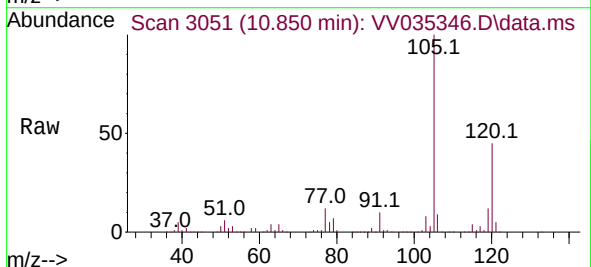
Acq: 22 Apr 2024 20:16

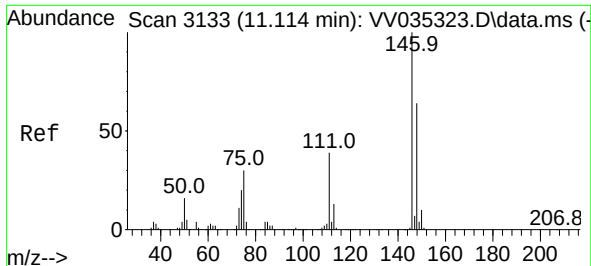
Tgt Ion:105 Resp: 645470

Ion Ratio Lower Upper

105 100

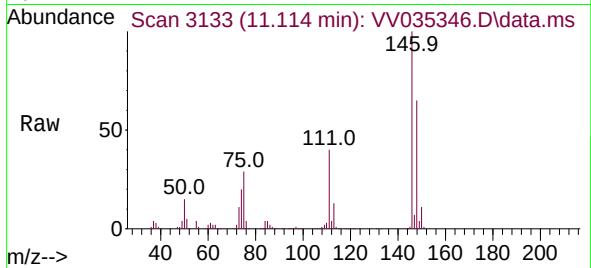
120 45.6 35.9 53.9



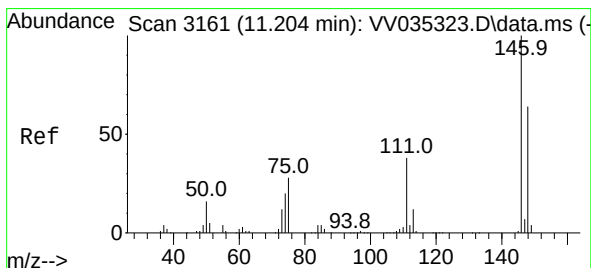
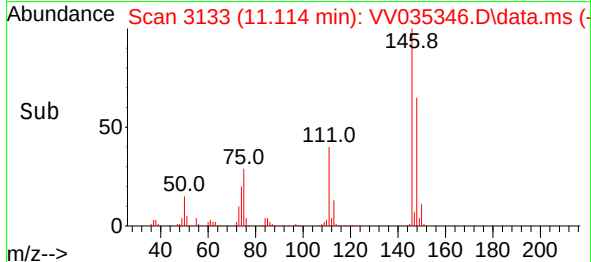
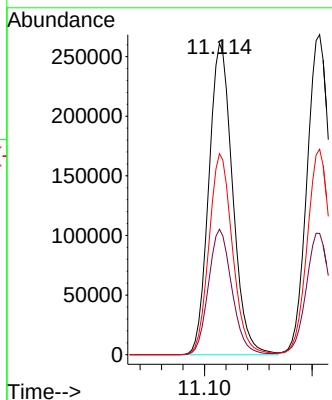


#64
1,3-Dichlorobenzene
Concen: 51.553 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Instrument :
MSVOA_V
ClientSampleId :

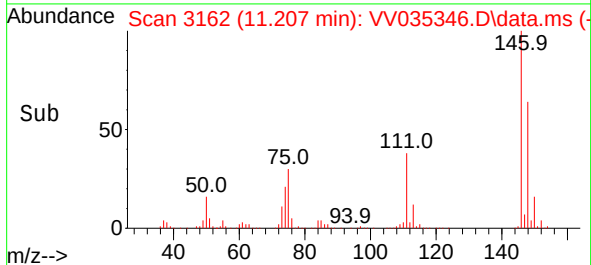
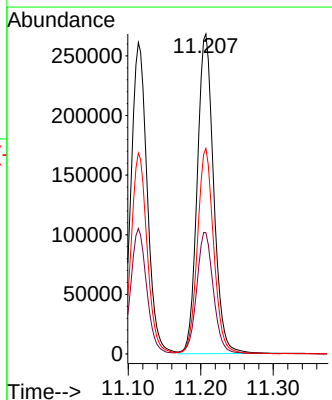
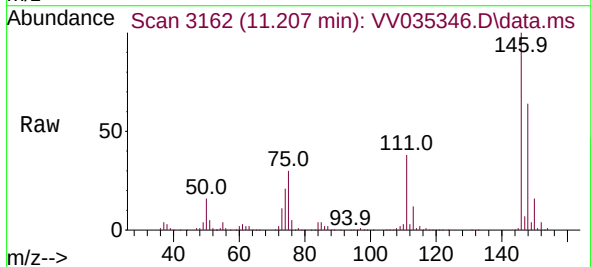


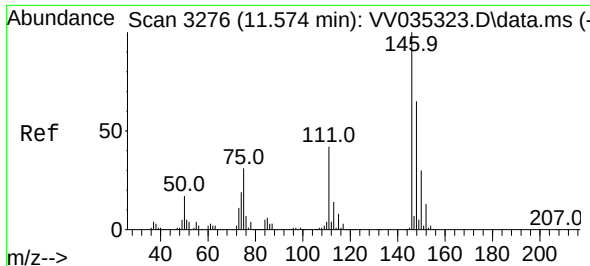
Tgt Ion:146 Resp: 401980
Ion Ratio Lower Upper
146 100
111 40.3 28.7 53.3
148 64.6 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 53.127 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

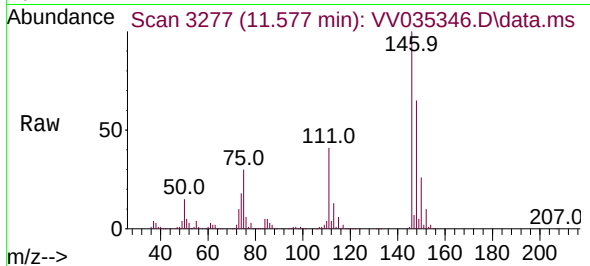
Tgt Ion:146 Resp: 421261
Ion Ratio Lower Upper
146 100
111 37.9 27.4 50.8
148 64.2 44.2 82.2



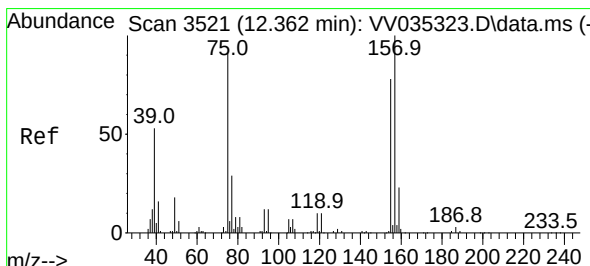
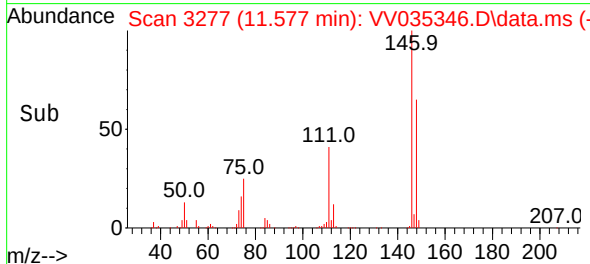
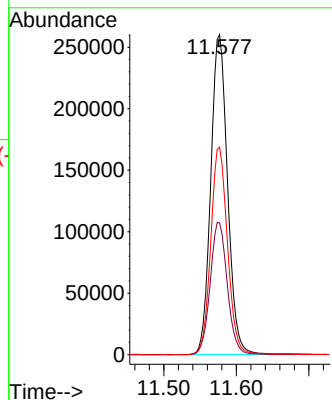


#67
1,2-Dichlorobenzene
Concen: 53.918 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Instrument :
MSVOA_V
ClientSampleId :

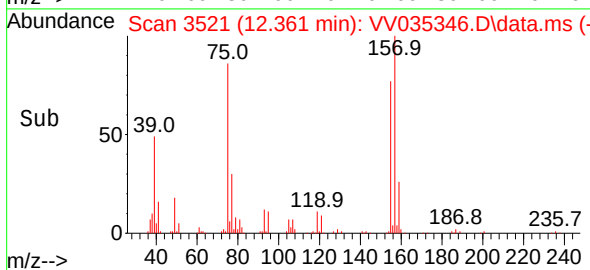
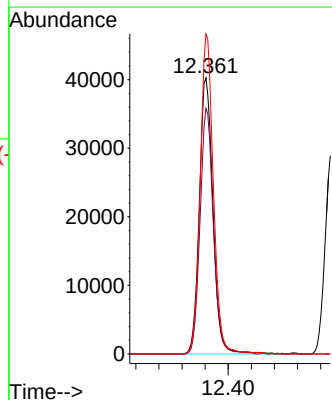
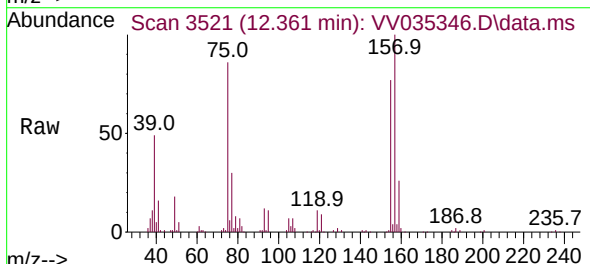


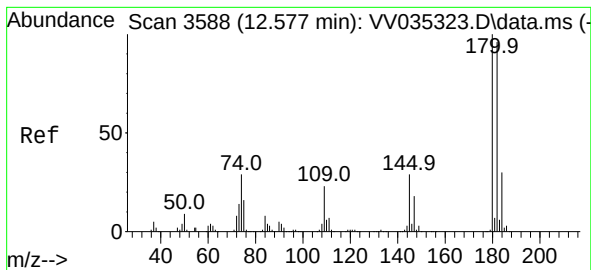
Tgt Ion:146 Resp: 418808
Ion Ratio Lower Upper
146 100
111 41.2 34.6 52.0
148 64.9 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 47.946 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV035346.D
Acq: 22 Apr 2024 20:16

Tgt Ion: 75 Resp: 66247
Ion Ratio Lower Upper
75 100
155 88.9 63.0 94.6
157 115.9 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 50.801 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

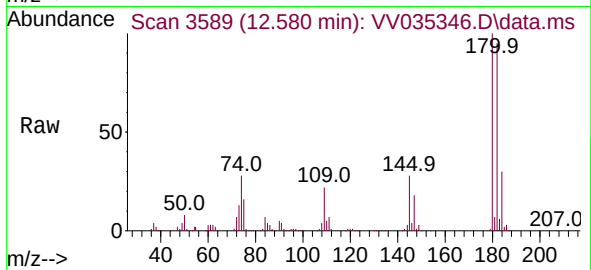
Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 285478

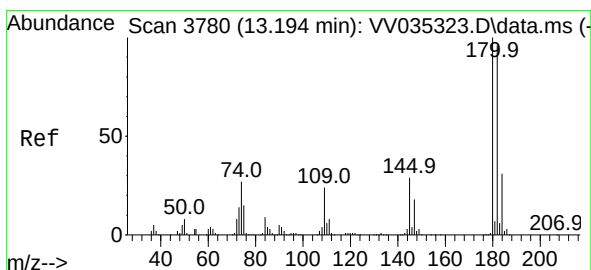
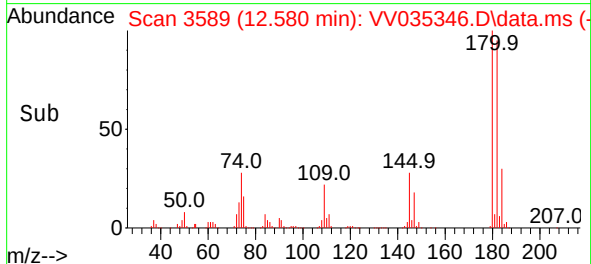
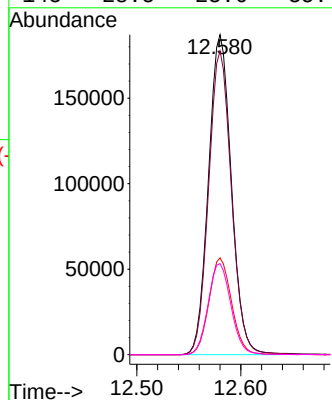
Ion Ratio Lower Upper

180 100

182 94.5 74.7 112.1

184 30.0 24.0 36.0

145 28.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 52.663 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

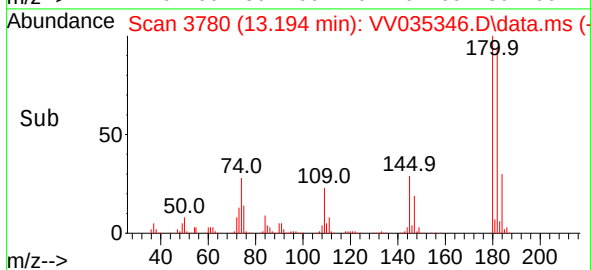
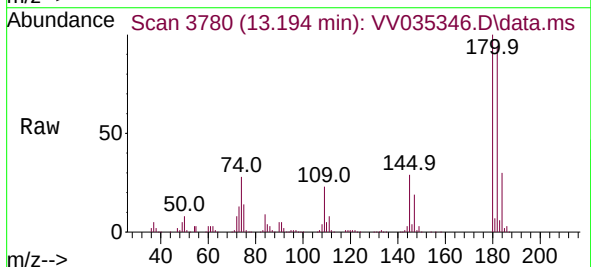
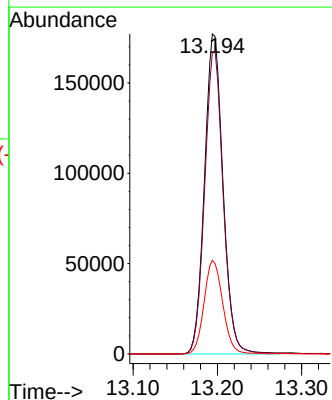
Tgt Ion:180 Resp: 271844

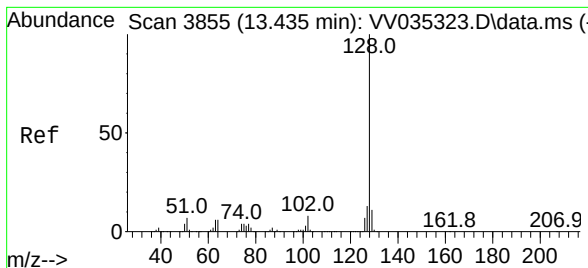
Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

145 29.5 24.1 36.1





#71

Naphthalene

Concen: 52.729 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

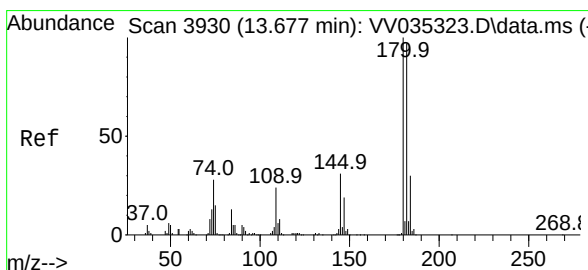
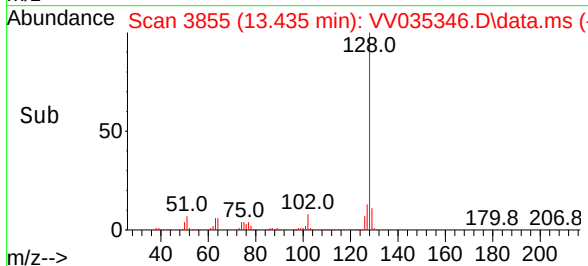
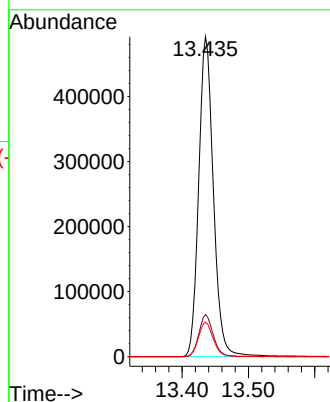
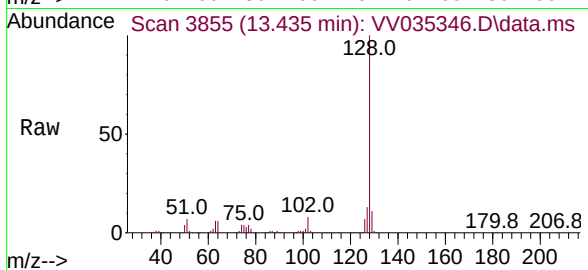
Tgt Ion:128 Resp: 755157

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 56.304 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV035346.D

Acq: 22 Apr 2024 20:16

Tgt Ion:180 Resp: 286489

Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

145 30.3 25.8 38.6

