

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035037.D
 Acq On : 06 Apr 2024 04:37
 Operator : SY/MD
 Sample : P2009-04MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 05:46:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	352686	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	341863	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	168229	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	147279	43.240	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.480%
7) Chloroethane-d5	1.532	69	145459	49.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.340%
11) 1,1-Dichloroethene-d2	2.056	65	61902	41.460	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.920%
21) 2-Butanone-d5	3.793	46	209664	103.790	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.790%
24) Chloroform-d	4.246	84	272951	47.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.320%
26) 1,2-Dichloroethane-d4	4.941	65	175011	48.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
32) Benzene-d6	4.957	84	541074	47.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.240%
36) 1,2-Dichloropropane-d6	5.986	67	174343	47.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.620%
41) Toluene-d8	7.239	98	482487	46.654	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.300%
43) trans-1,3-Dichloroprop...	7.551	79	80106	45.188	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.380%
47) 2-Hexanone-d5	8.024	63	127259	92.304	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.300%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	254635	50.709	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.420%
66) 1,2-Dichlorobenzene-d4	11.558	152	175717	46.522	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	96782	37.862	ug/L	99
3) Chloromethane	1.217	50	141832	43.160	ug/L	99
5) Vinyl chloride	1.285	62	143192	41.565	ug/L #	1
6) Bromomethane	1.490	94	102268	39.603	ug/L	98
8) Chloroethane	1.548	64	123396	52.445	ug/L	90
9) Trichlorofluoromethane	1.709	101	187377	41.440	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	112256	40.562	ug/L	98
12) 1,1-Dichloroethene	2.069	96	111558	42.146	ug/L	92
13) Acetone	2.124	43	165477	89.226	ug/L	99
14) Carbon disulfide	2.240	76	292659	39.262	ug/L	100
15) Methyl Acetate	2.375	43	149685	51.217	ug/L	99
16) Methylene chloride	2.445	84	152357	53.122	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	123321	48.190	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	505149	56.199	ug/L	98
19) 1,1-Dichloroethane	3.111	63	285400	54.384	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	175489	60.389	ug/L	97
22) 2-Butanone	3.873	43	237053	110.153	ug/L	98
23) Bromochloromethane	4.146	128	81521	56.070	ug/L	96
25) Chloroform	4.272	83	283573	54.655	ug/L	99

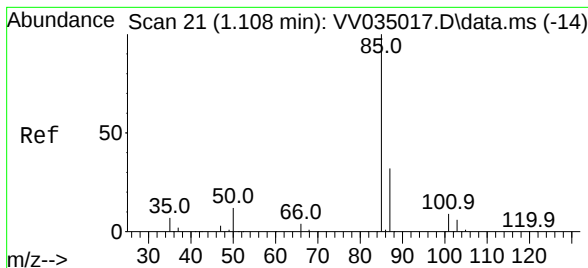
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
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 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	229887	55.649	ug/L	100
29) Cyclohexane	4.580	56	180612	42.182	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	221154	49.629	ug/L	99
31) Carbon tetrachloride	4.732	117	180498	47.789	ug/L	100
33) Benzene	5.008	78	586948	52.652	ug/L	100
34) Trichloroethene	5.831	95	139900	46.502	ug/L	97
35) Methylcyclohexane	6.050	83	180463	39.719	ug/L	98
37) 1,2-Dichloropropane	6.088	63	172174	55.888	ug/L	100
38) Bromodichloromethane	6.429	83	220289	55.421	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	252933	52.118	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	481390	122.388	ug/L	99
42) Toluene	7.313	91	609598	52.233	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	237390	53.243	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	166331	57.283	ug/L	99
46) Tetrachloroethene	7.902	164	99492	47.336	ug/L	97
48) 2-Hexanone	8.072	43	379749	113.516	ug/L	97
49) Dibromochloromethane	8.175	129	166203	57.792	ug/L	97
50) 1,2-Dibromoethane	8.278	107	171623	54.899	ug/L	98
51) Chlorobenzene	8.812	112	423321	55.964	ug/L	99
52) Ethylbenzene	8.944	91	654696	50.616	ug/L	99
53) m,p-Xylene	9.069	106	239889	50.361	ug/L	95
54) o-Xylene	9.477	106	248107	52.642	ug/L	98
55) Styrene	9.493	104	429864	53.972	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	289977	61.636	ug/L	99
59) Bromoform	9.664	173	128969	66.897	ug/L	99
60) Isopropylbenzene	9.863	105	633937	52.271	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	218946	60.060	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	416375	52.863	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	522860	53.691	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	300543	53.028	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	333321	57.833	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	329208	58.309	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	58712	58.460	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	195424	47.843	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	184168	49.085	ug/L	99
71) Naphthalene	13.435	128	489146	46.989	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	181002	48.940	ug/L	99

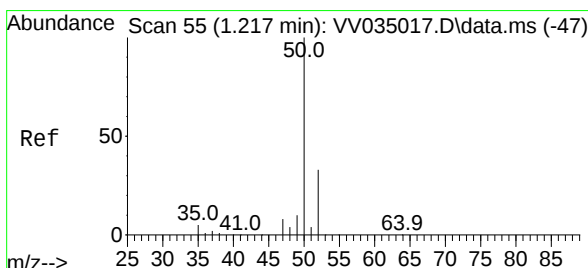
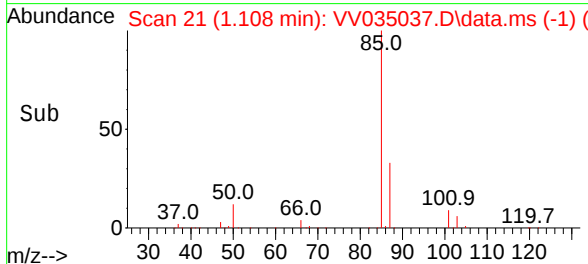
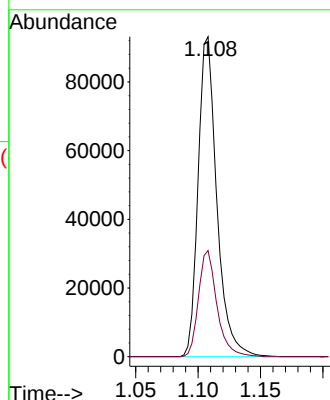
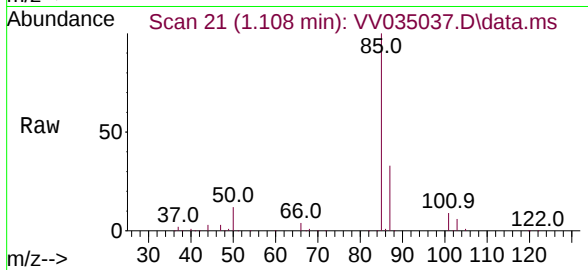
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 37.862 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035037.D
 Acq: 06 Apr 2024 04:37

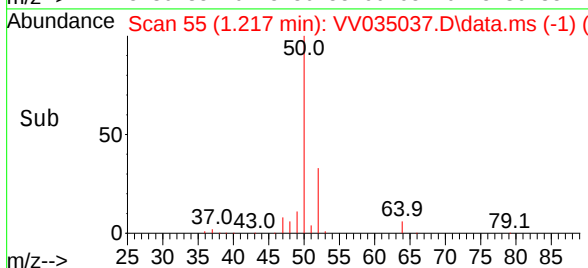
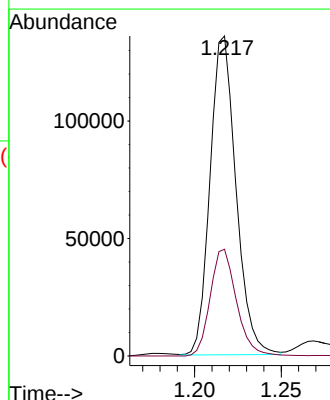
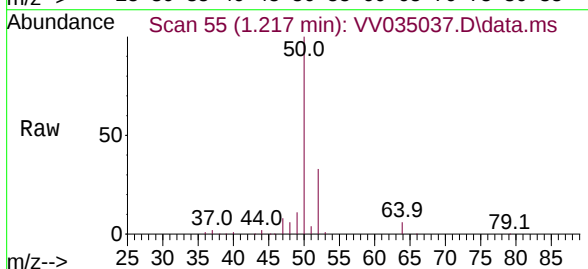
Instrument :
 MSVOA_V
 ClientSampleId :

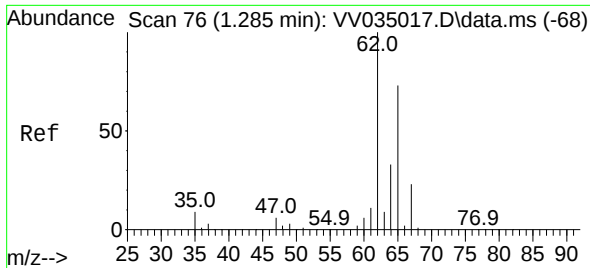
Tgt Ion: 85 Resp: 96782
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.7 38.5



#3
 Chloromethane
 Concen: 43.160 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV035037.D
 Acq: 06 Apr 2024 04:37

Tgt Ion: 50 Resp: 141832
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.0 42.8

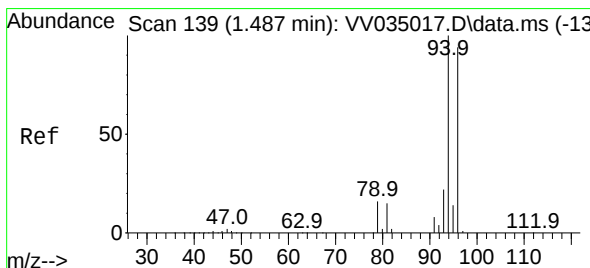
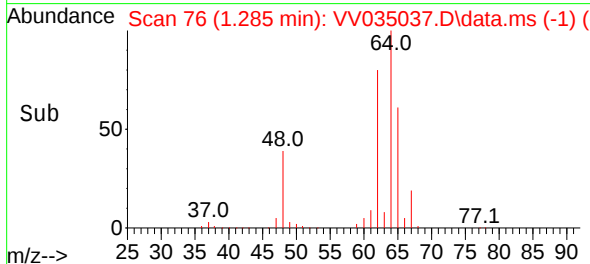
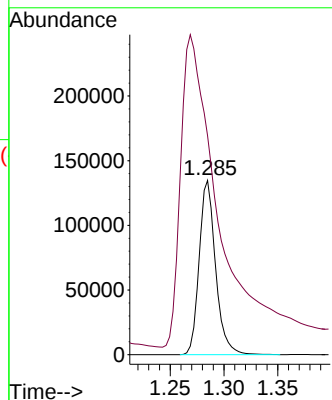
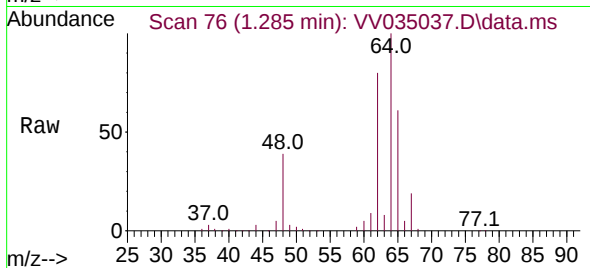




#5
 Vinyl chloride
 Concen: 41.565 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV035037.D
 Acq: 06 Apr 2024 04:37

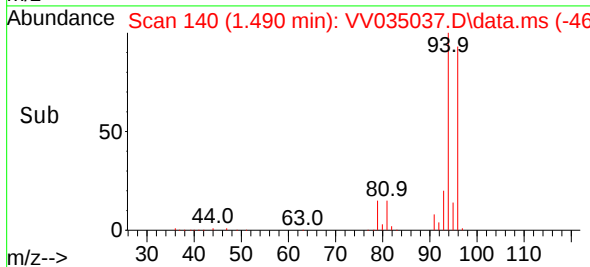
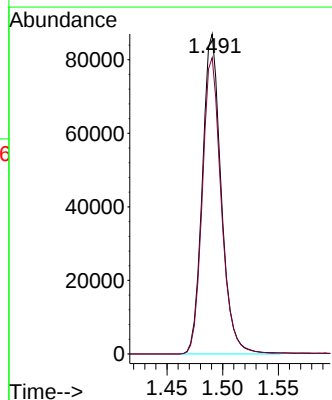
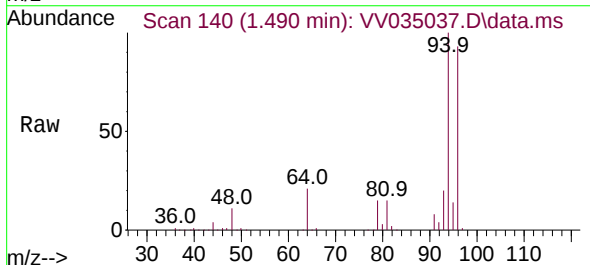
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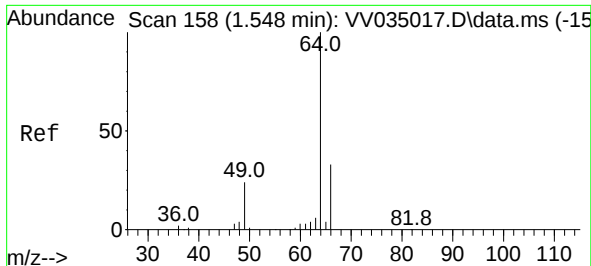
Tgt Ion: 62 Resp: 143192
 Ion Ratio Lower Upper
 62 100
 64 125.7 23.6 43.8#



#6
 Bromomethane
 Concen: 39.603 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV035037.D
 Acq: 06 Apr 2024 04:37

Tgt Ion: 94 Resp: 102268
 Ion Ratio Lower Upper
 94 100
 96 92.6 66.3 123.1

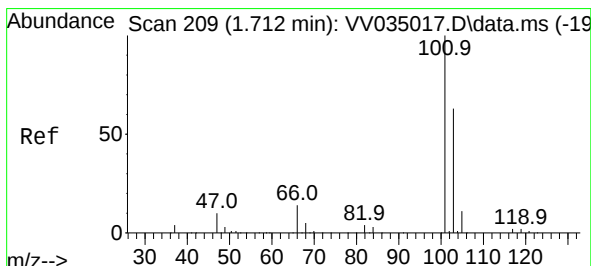
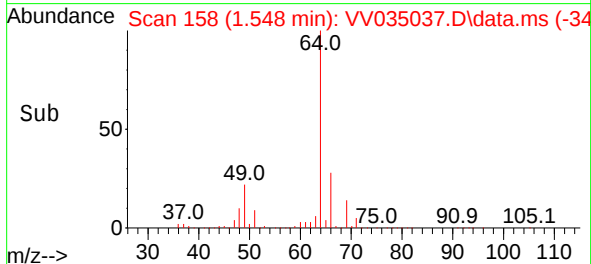
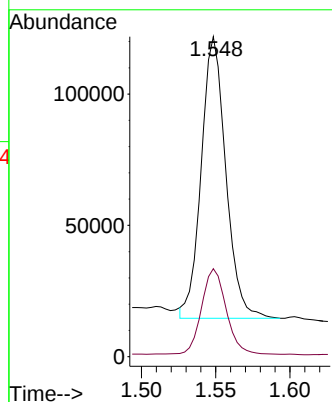
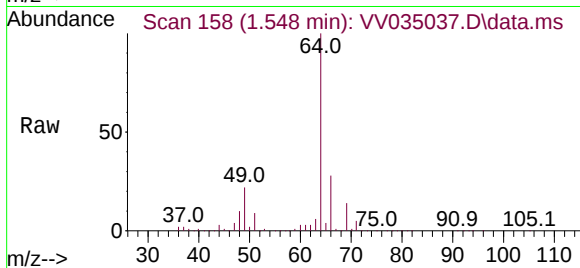




#8
Chloroethane
Concen: 52.445 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

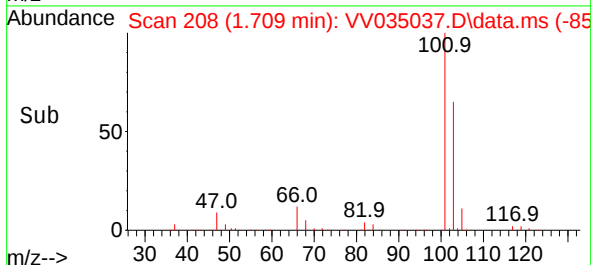
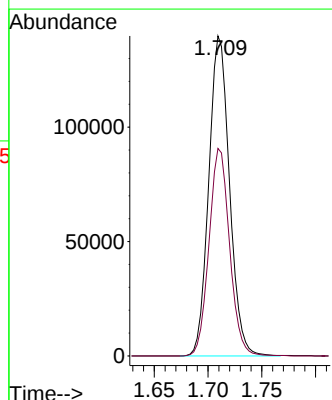
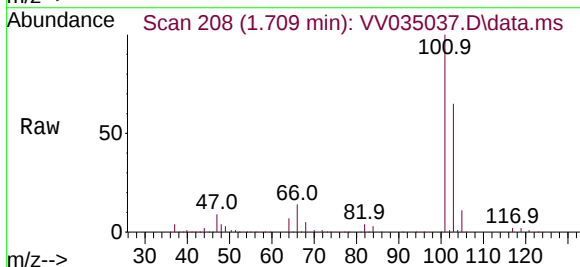
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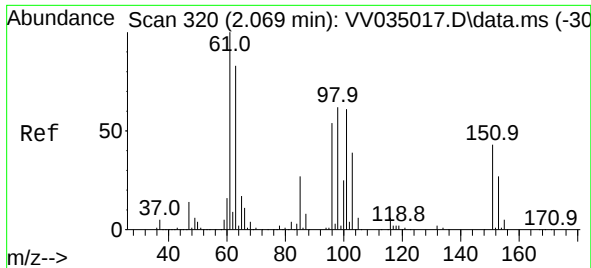
Tgt Ion: 64 Resp: 123396
Ion Ratio Lower Upper
64 100
66 27.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 41.440 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

Tgt Ion:101 Resp: 187377
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

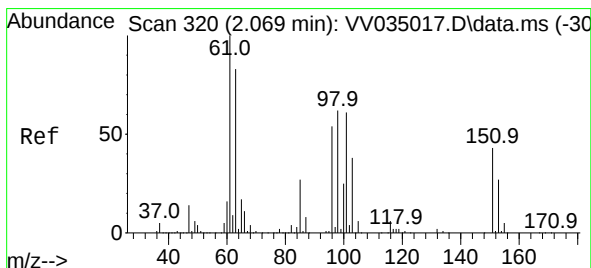
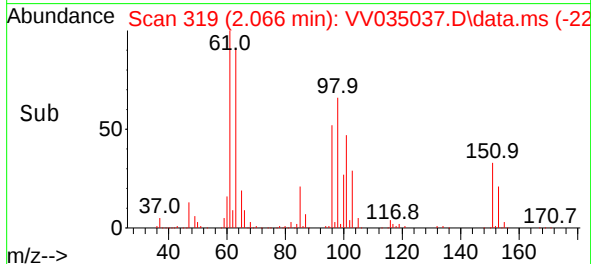
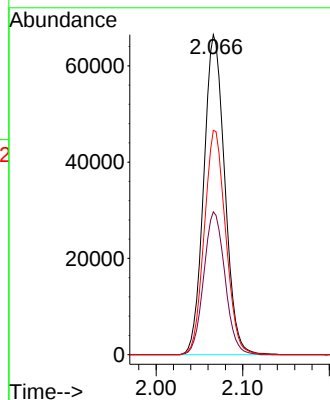
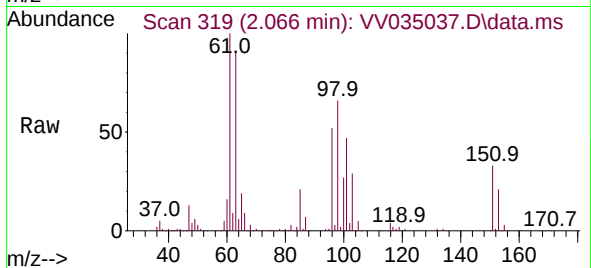




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 40.562 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

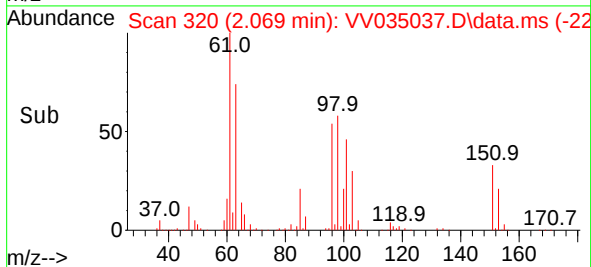
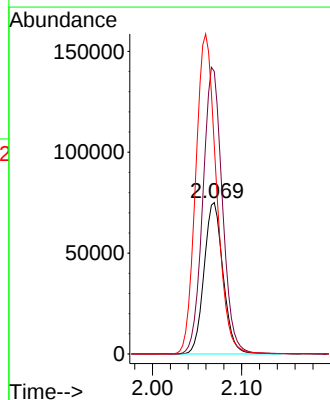
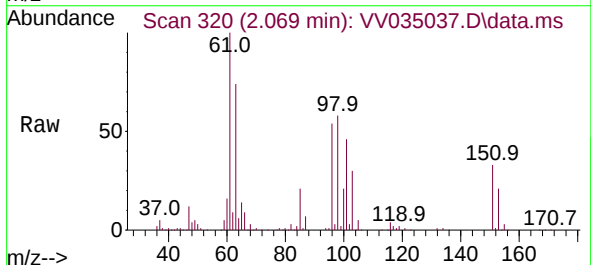
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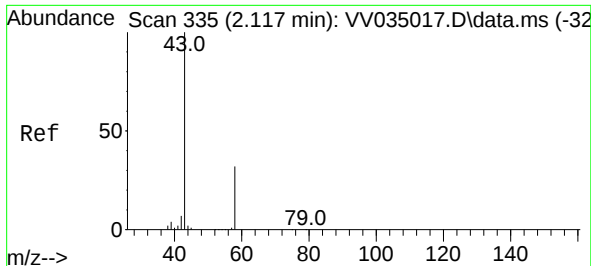
Tgt Ion:101 Resp: 112256
Ion Ratio Lower Upper
101 100
85 44.9 35.3 52.9
151 71.3 55.0 82.4



#12
1,1-Dichloroethene
Concen: 42.146 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

Tgt Ion: 96 Resp: 111558
Ion Ratio Lower Upper
96 100
61 186.6 131.5 244.3
63 137.8 111.4 206.8





#13

Acetone

Concen: 89.226 ug/L

RT: 2.124 min Scan# 30

Delta R.T. 0.006 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

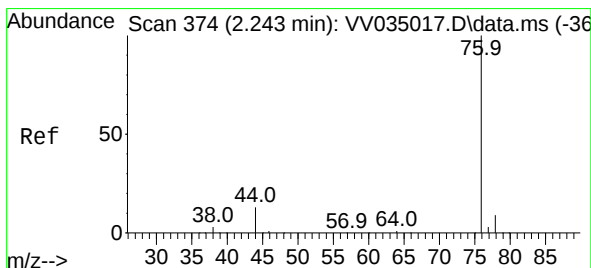
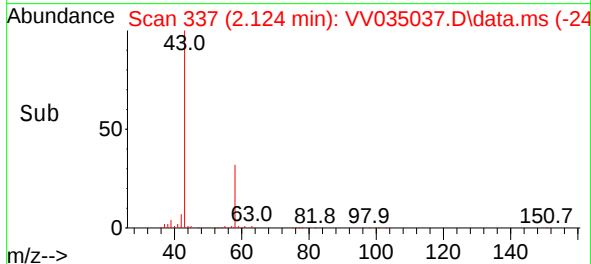
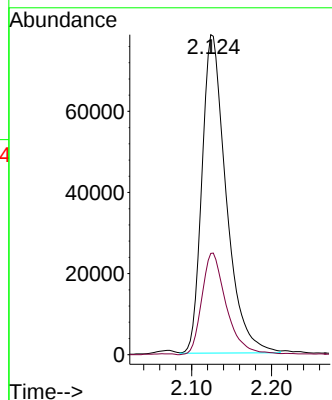
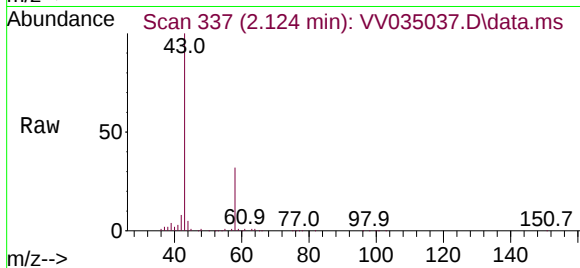
ClientSampleId :

Tgt Ion: 43 Resp: 165477

Ion Ratio Lower Upper

43 100

58 32.3 0.0 66.0



#14

Carbon disulfide

Concen: 39.262 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV035037.D

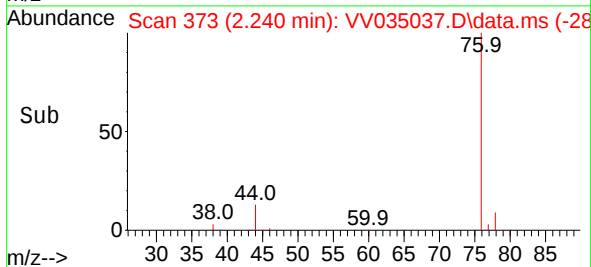
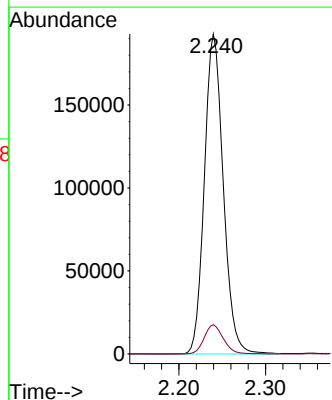
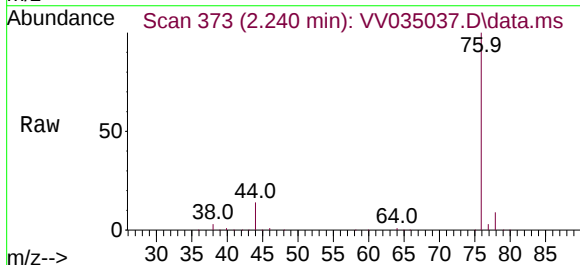
Acq: 06 Apr 2024 04:37

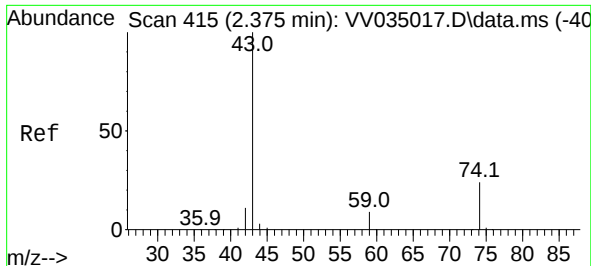
Tgt Ion: 76 Resp: 292659

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 51.217 ug/L

RT: 2.375 min Scan# 415

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

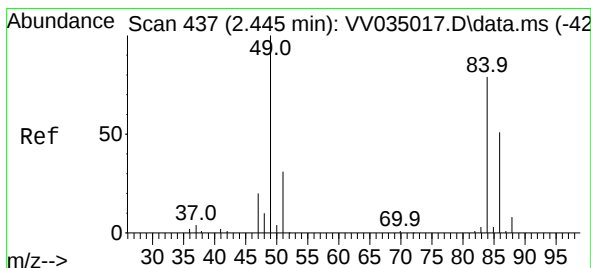
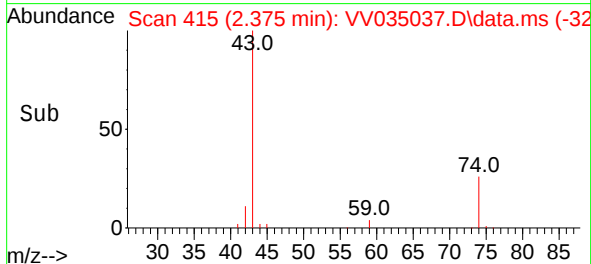
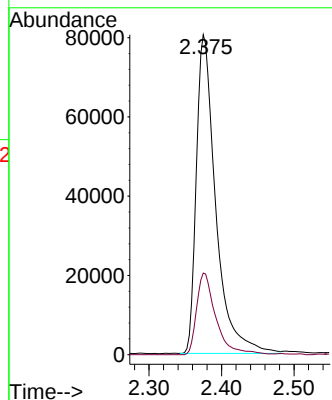
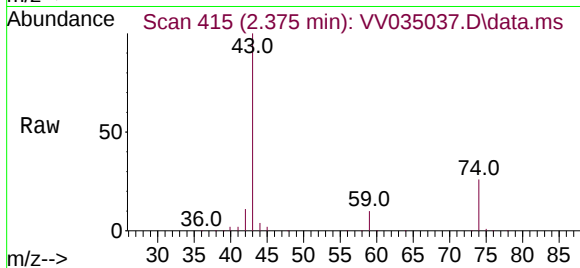
ClientSampleId :

Tgt Ion: 43 Resp: 149685

Ion Ratio Lower Upper

43 100

74 25.4 19.8 29.8



#16

Methylene chloride

Concen: 53.122 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

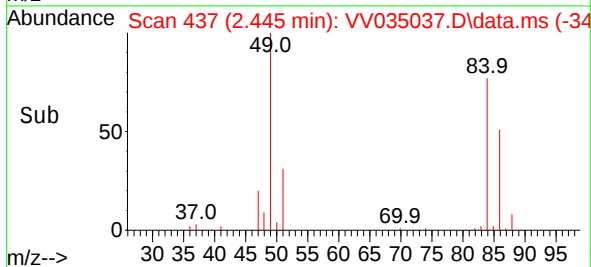
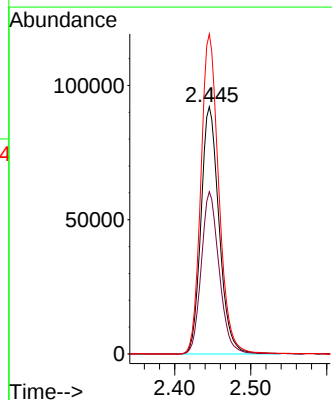
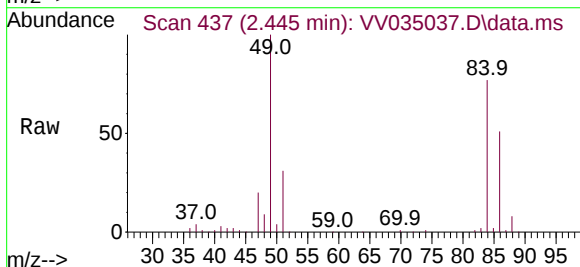
Tgt Ion: 84 Resp: 152357

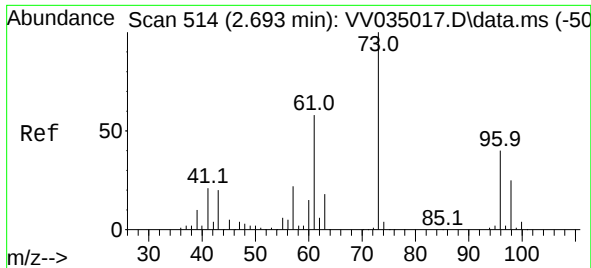
Ion Ratio Lower Upper

84 100

86 65.7 44.6 82.8

49 129.5 86.9 161.3

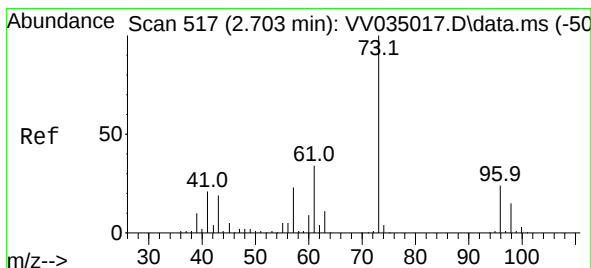
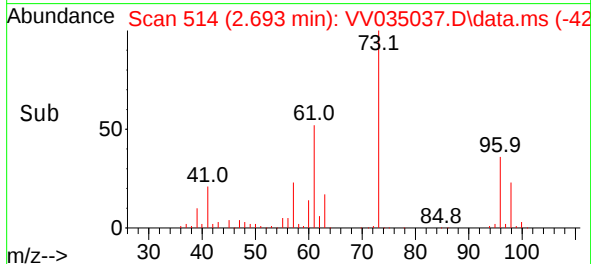
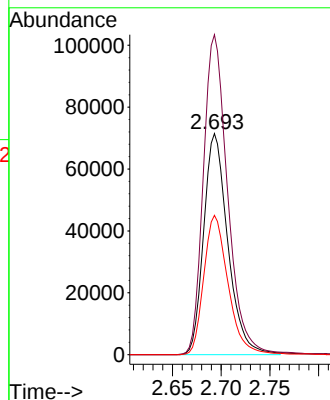
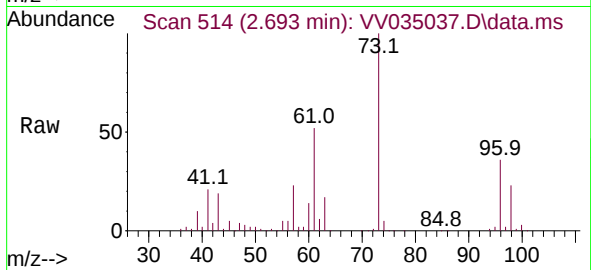




#17
trans-1,2-Dichloroethene
Concen: 48.190 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

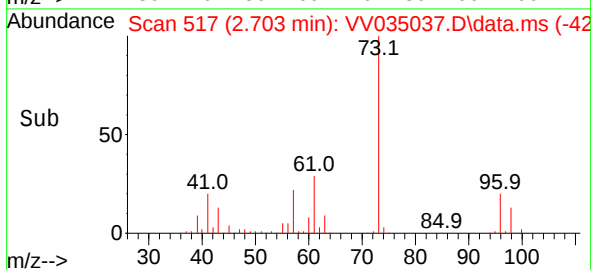
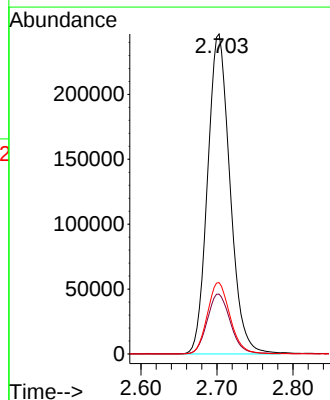
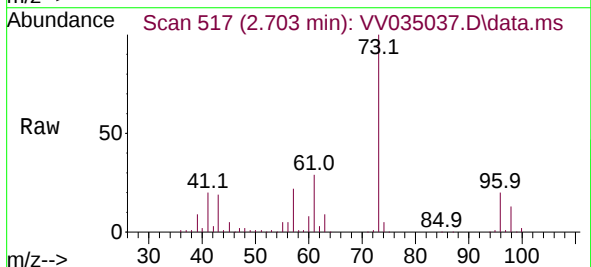
Instrument :
MSVOA_V
ClientSampleId :

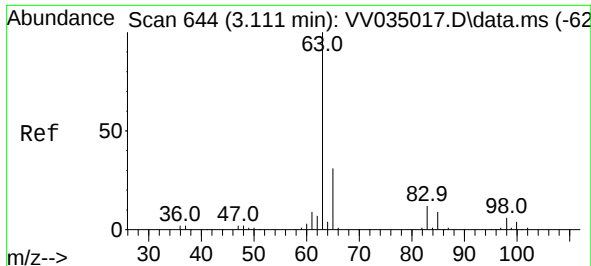
Tgt Ion: 96 Resp: 123321
Ion Ratio Lower Upper
96 100
61 144.7 99.0 183.8
98 63.0 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 56.199 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

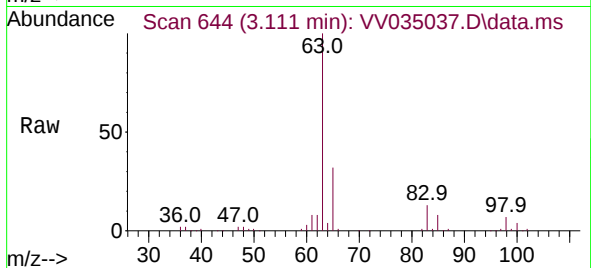
Tgt Ion: 73 Resp: 505149
Ion Ratio Lower Upper
73 100
43 19.1 14.6 21.8
57 22.6 17.6 26.4



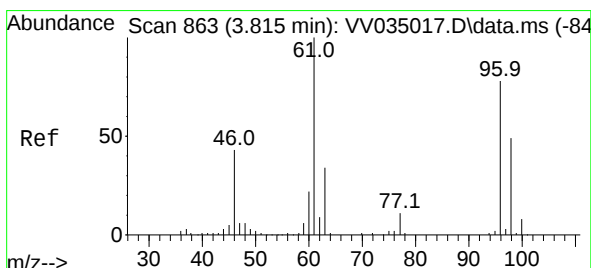
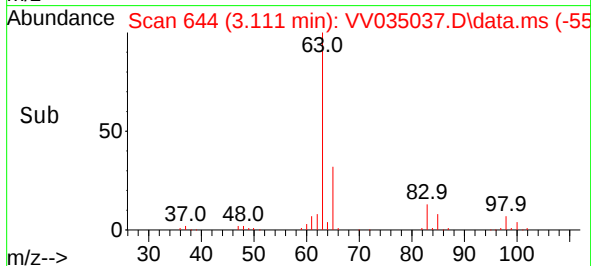
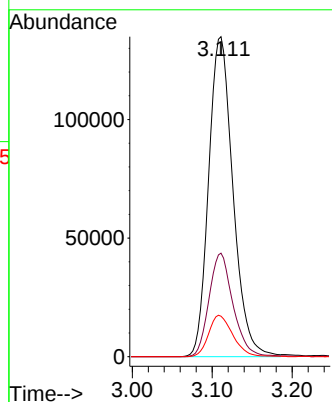


#19
1,1-Dichloroethane
Concen: 54.384 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

Instrument :
MSVOA_V
ClientSampleId :

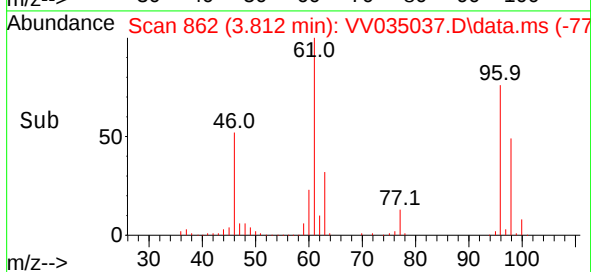
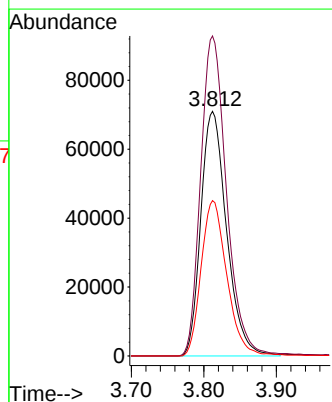
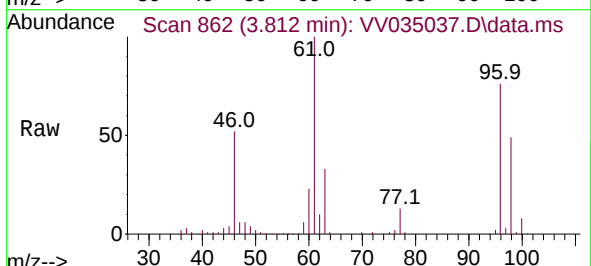


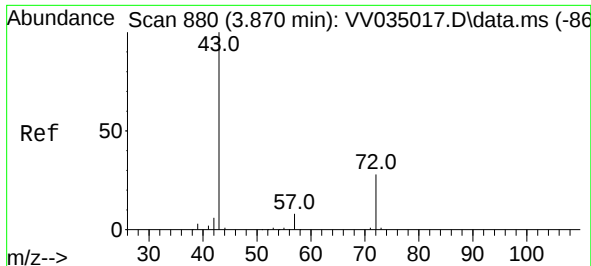
Tgt Ion: 63 Resp: 285400
Ion Ratio Lower Upper
63 100
65 32.4 23.0 42.6
83 12.6 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 60.389 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

Tgt Ion: 96 Resp: 175489
Ion Ratio Lower Upper
96 100
61 130.8 94.9 176.3
98 63.5 45.6 84.8





#22

2-Butanone

Concen: 110.153 ug/L

RT: 3.873 min Scan# 880

Delta R.T. 0.003 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

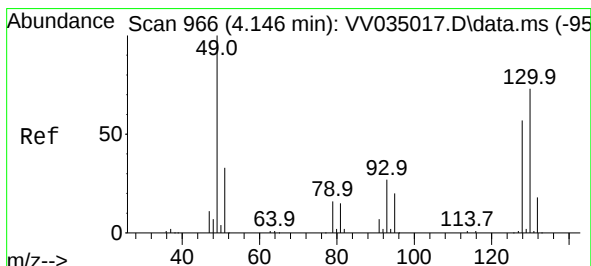
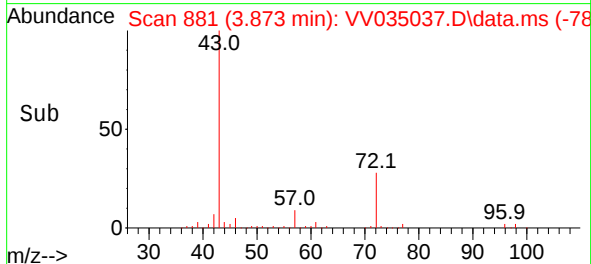
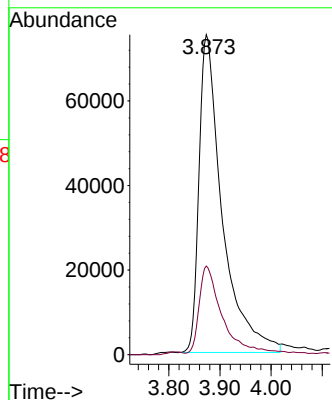
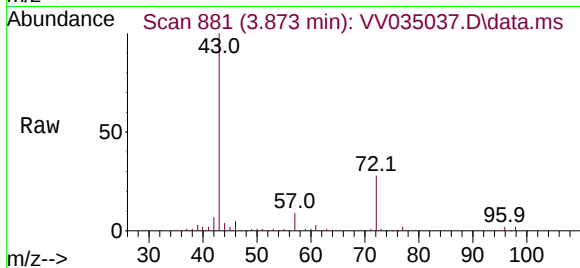
ClientSampleId :

Tgt Ion: 43 Resp: 237053

Ion Ratio Lower Upper

43 100

72 25.3 13.2 39.6



#23

Bromochloromethane

Concen: 56.070 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Tgt Ion:128 Resp: 81521

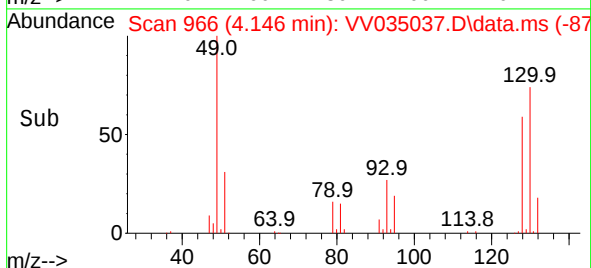
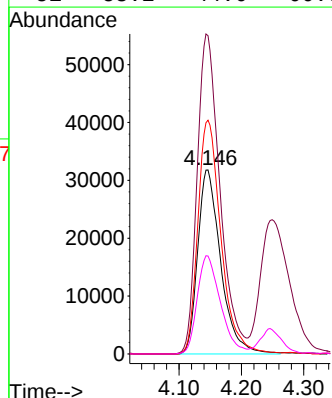
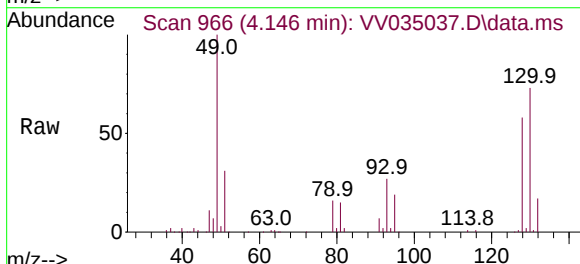
Ion Ratio Lower Upper

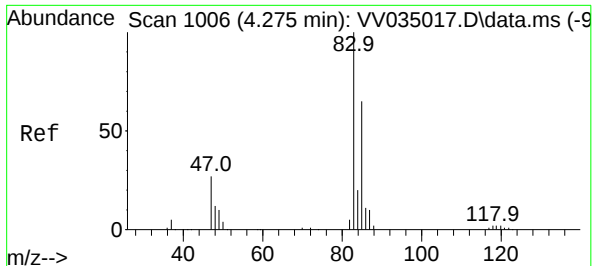
128 100

49 173.0 123.8 229.8

130 127.0 93.2 173.0

51 53.2 44.0 66.0





#25

Chloroform

Concen: 54.655 ug/L

RT: 4.272 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

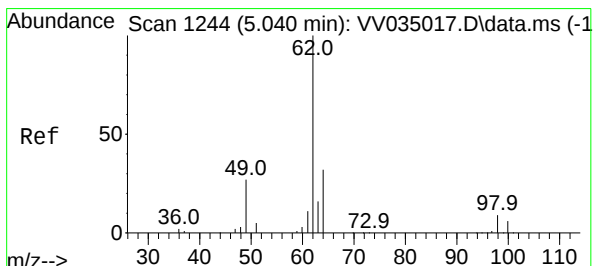
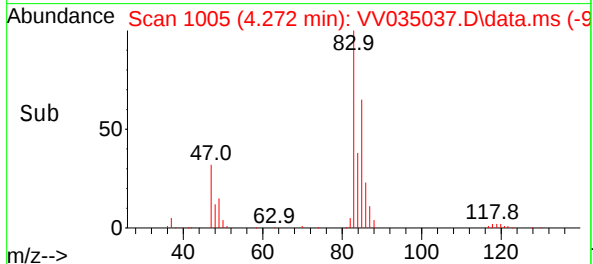
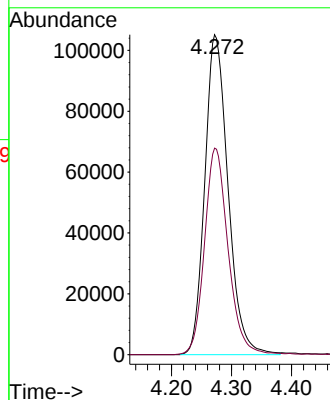
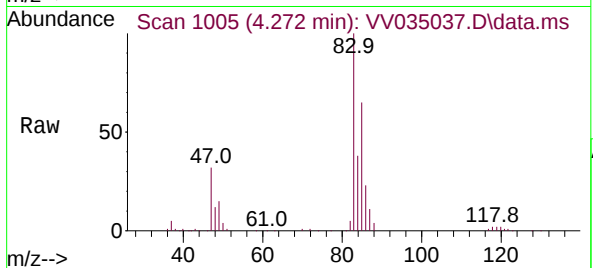
ClientSampleId :

Tgt Ion: 83 Resp: 283573

Ion Ratio Lower Upper

83 100

85 64.5 46.0 85.4



#27

1,2-Dichloroethane

Concen: 55.649 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV035037.D

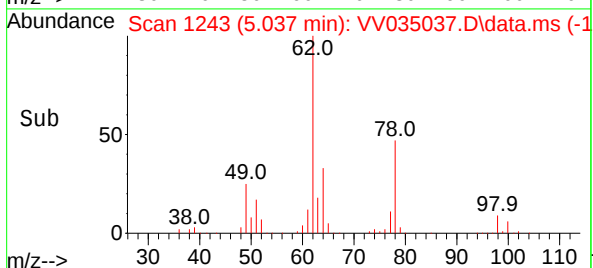
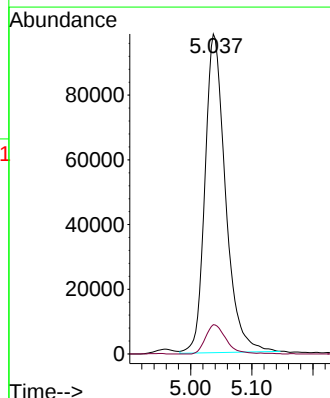
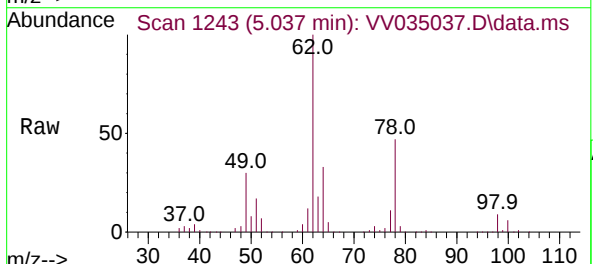
Acq: 06 Apr 2024 04:37

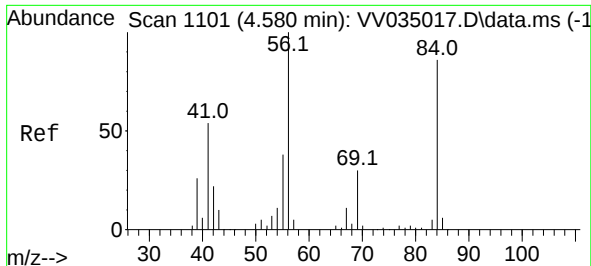
Tgt Ion: 62 Resp: 229887

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 42.182 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

ClientSampleId :

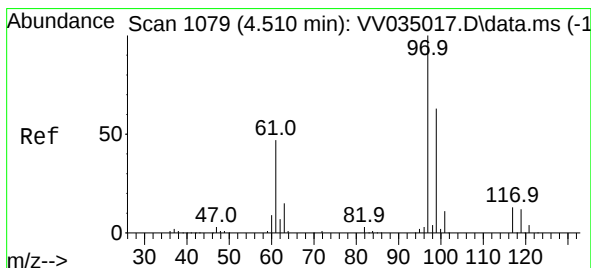
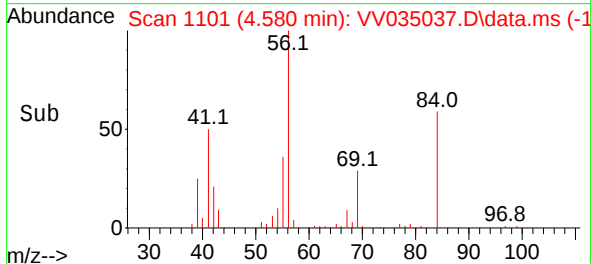
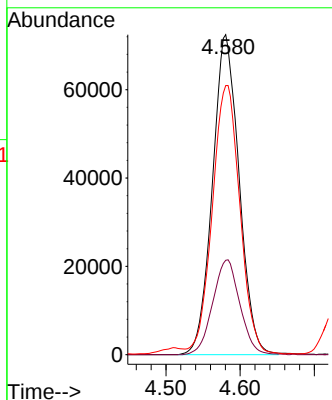
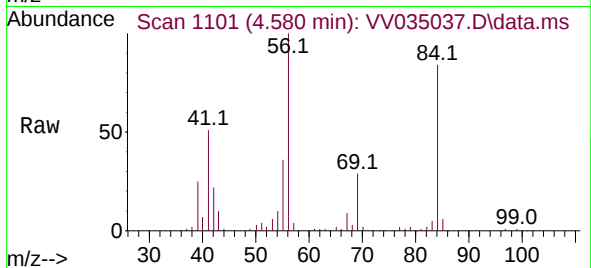
Tgt Ion: 56 Resp: 180612

Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.2

84 86.9 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 49.629 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

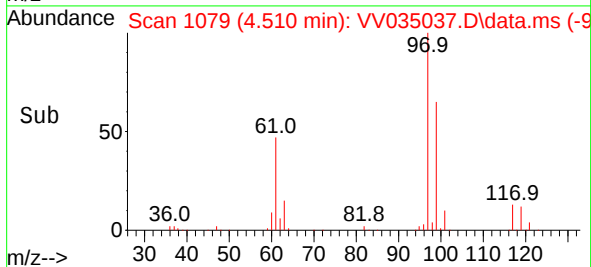
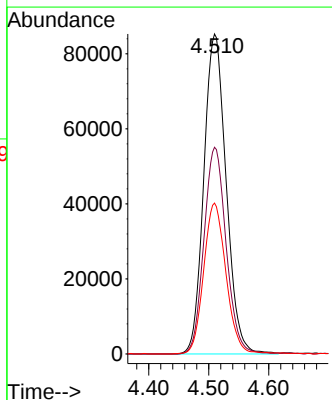
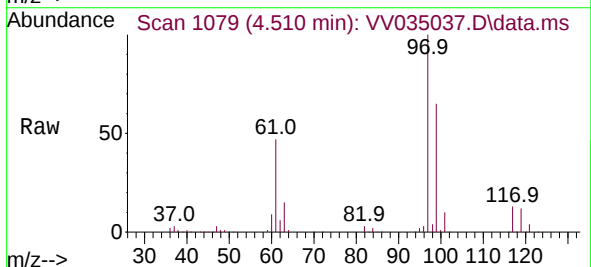
Tgt Ion: 97 Resp: 221154

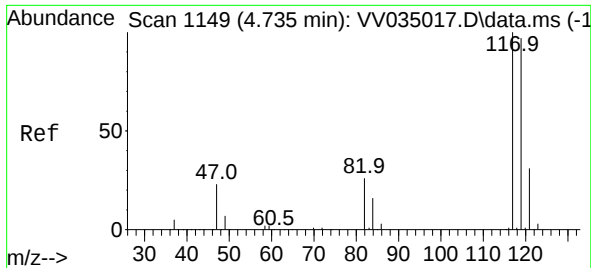
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 46.9 36.8 55.2

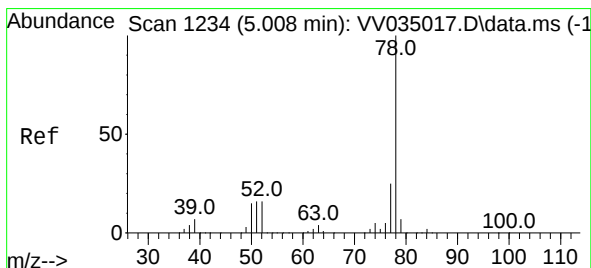
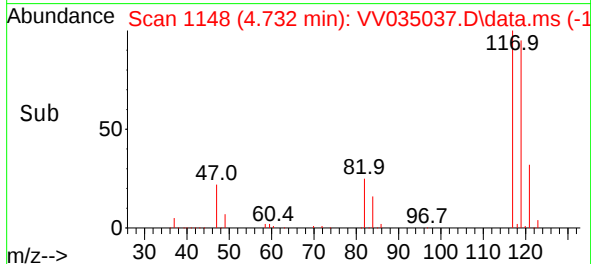
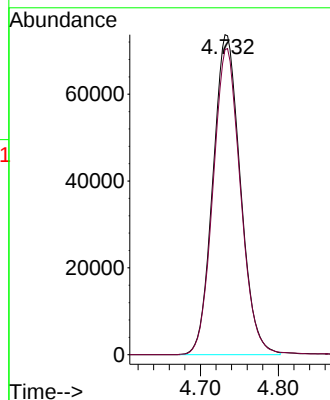
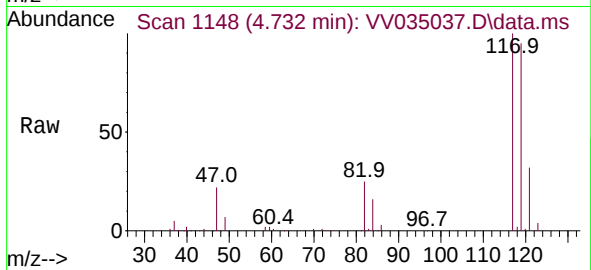




#31
Carbon tetrachloride
Concen: 47.789 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

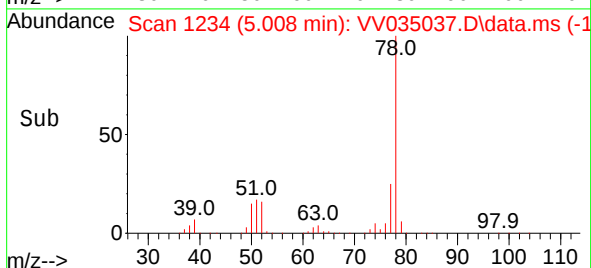
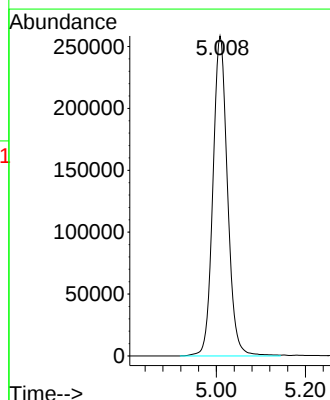
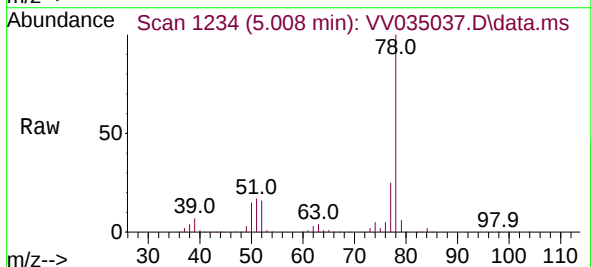
Instrument :
MSVOA_V
ClientSampleId :

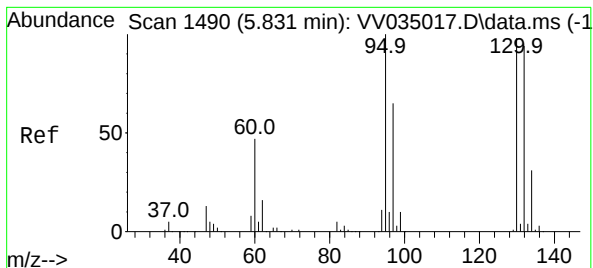
Tgt Ion:117 Resp: 180498
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7



#33
Benzene
Concen: 52.652 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

Tgt Ion: 78 Resp: 586948





#34

Trichloroethene

Concen: 46.502 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 139900

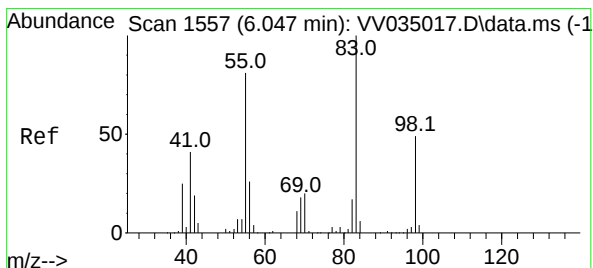
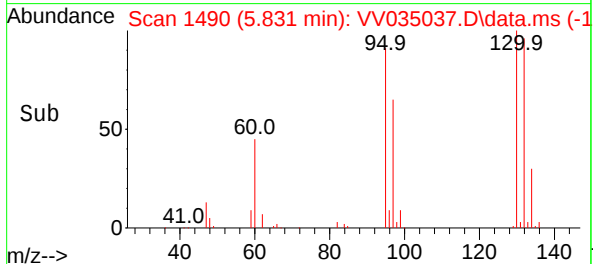
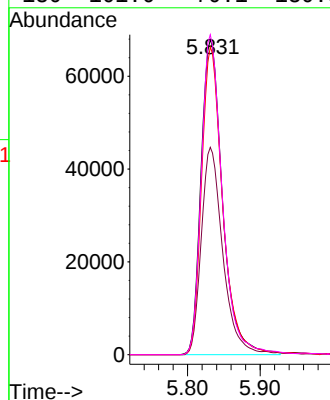
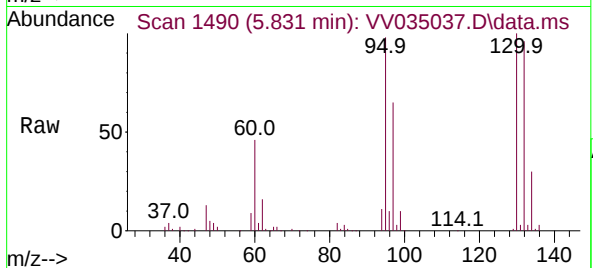
Ion Ratio Lower Upper

95 100

97 65.8 45.3 84.1

132 97.7 65.3 121.3

130 101.6 70.1 130.3



#35

Methylcyclohexane

Concen: 39.719 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

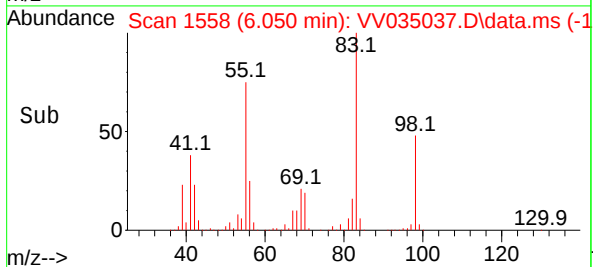
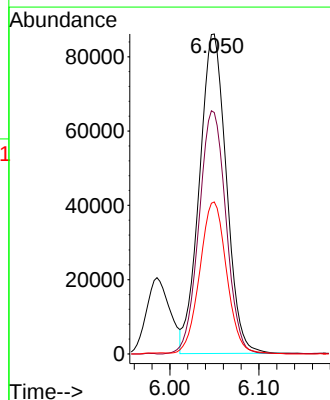
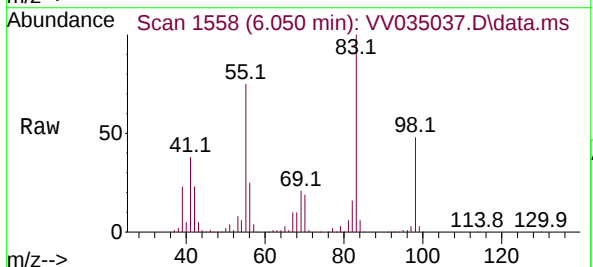
Tgt Ion: 83 Resp: 180463

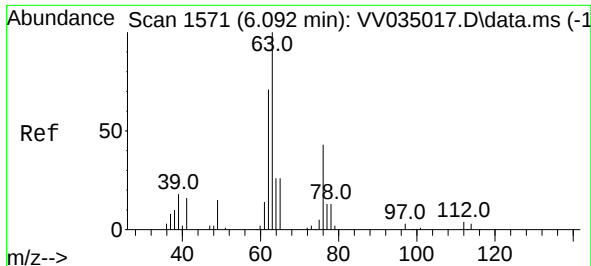
Ion Ratio Lower Upper

83 100

55 76.5 60.0 90.0

98 47.7 37.6 56.4

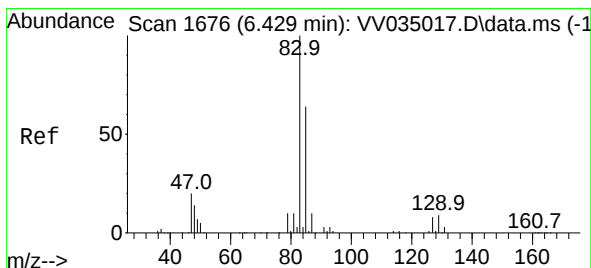
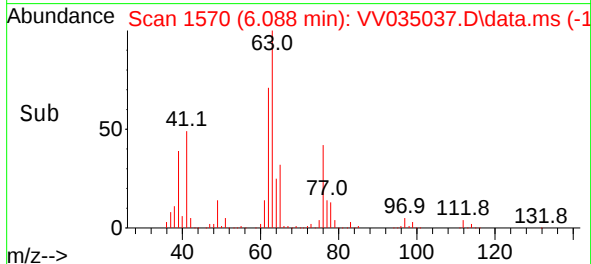
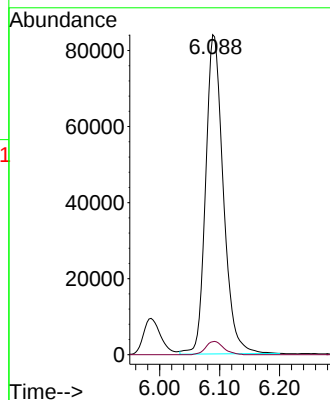
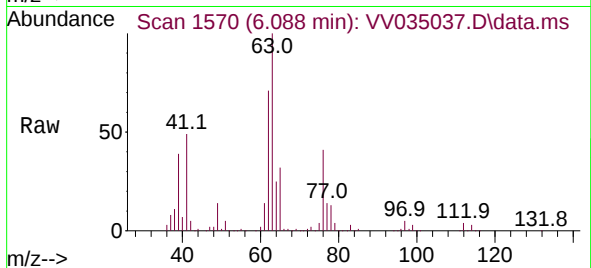




#37
1,2-Dichloropropane
Concen: 55.888 ug/L
RT: 6.088 min Scan# 1571
Delta R.T. -0.003 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

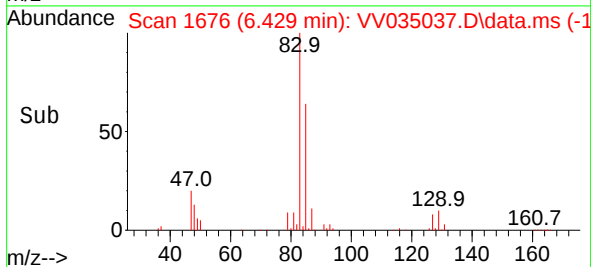
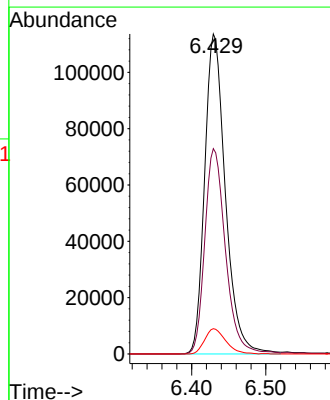
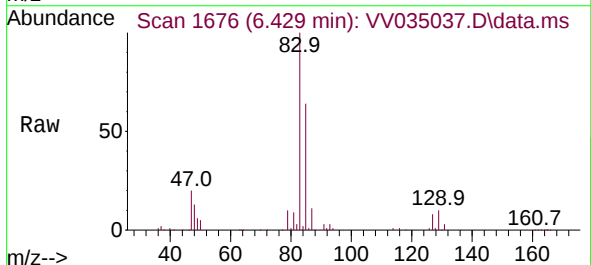
Instrument :
MSVOA_V
ClientSampleId :

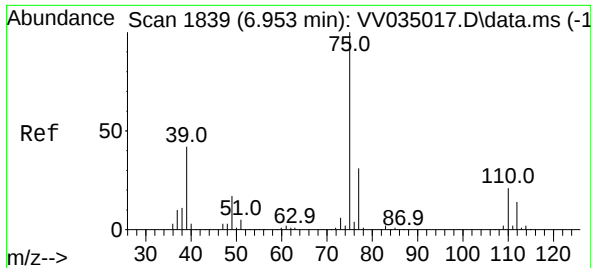
Tgt Ion: 63 Resp: 172174
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 55.421 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

Tgt Ion: 83 Resp: 220289
Ion Ratio Lower Upper
83 100
85 64.2 43.7 81.1
127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 52.118 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

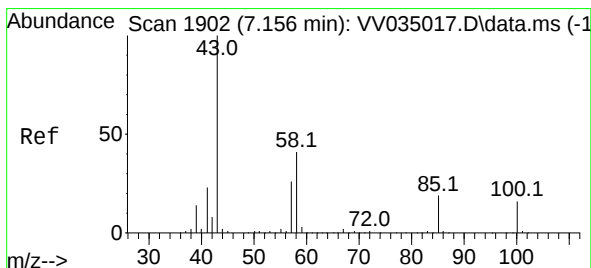
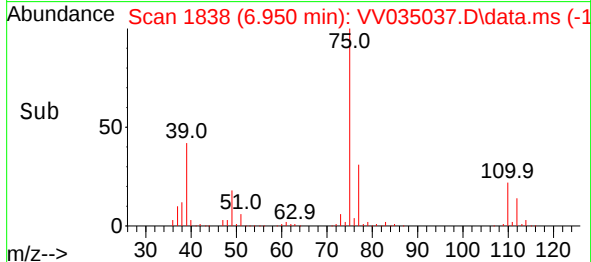
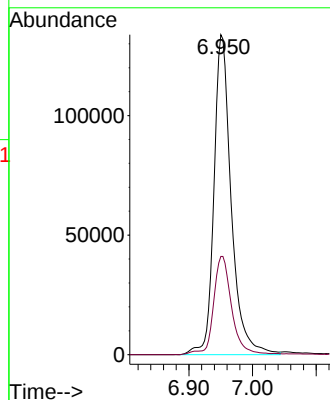
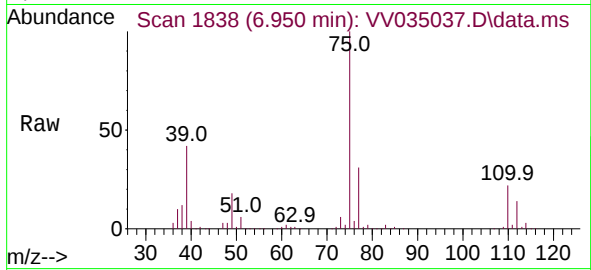
ClientSampleId :

Tgt Ion: 75 Resp: 252933

Ion Ratio Lower Upper

75 100

77 30.7 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 122.388 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

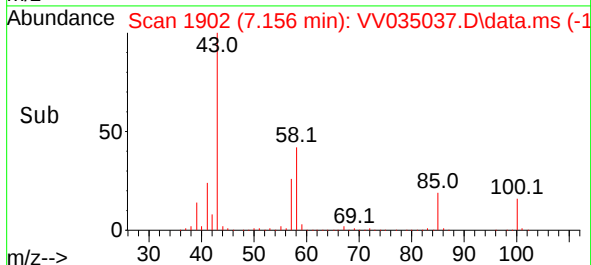
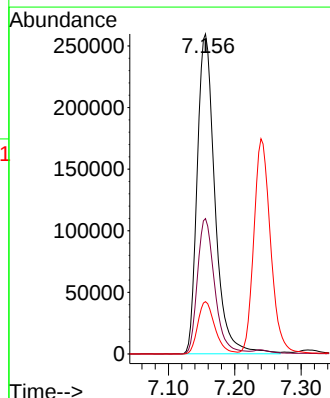
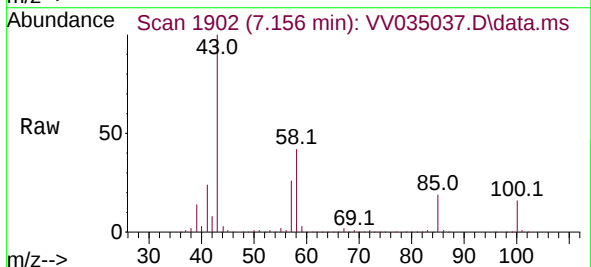
Tgt Ion: 43 Resp: 481390

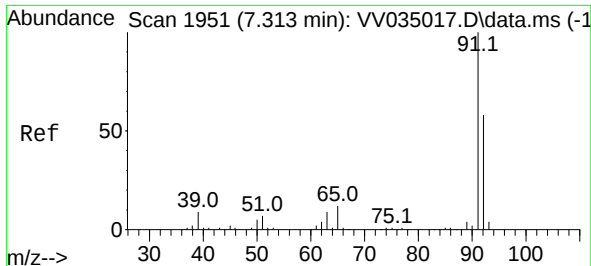
Ion Ratio Lower Upper

43 100

58 41.5 33.8 50.8

100 15.9 13.0 19.4





#42

Toluene

Concen: 52.233 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

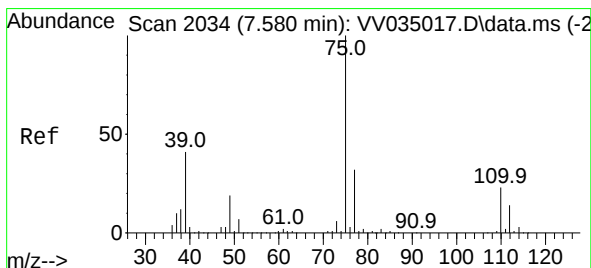
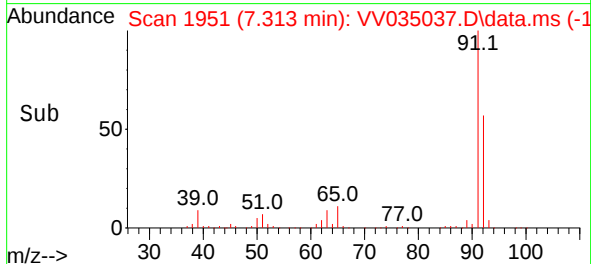
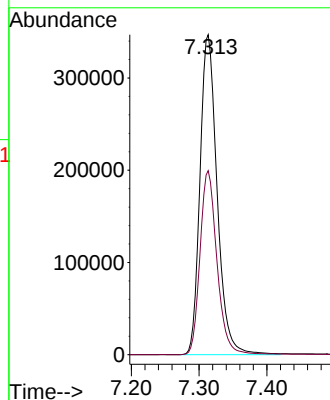
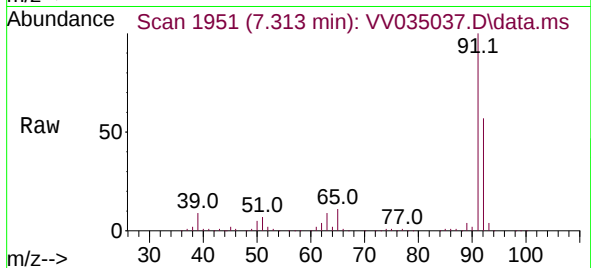
ClientSampleId :

Tgt Ion: 91 Resp: 609598

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 53.243 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV035037.D

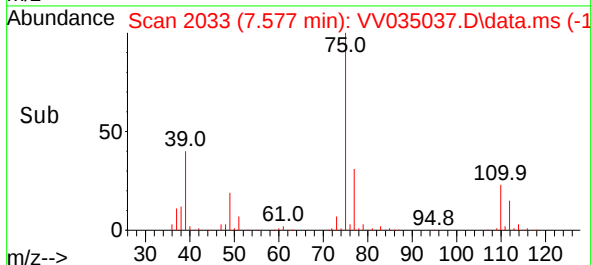
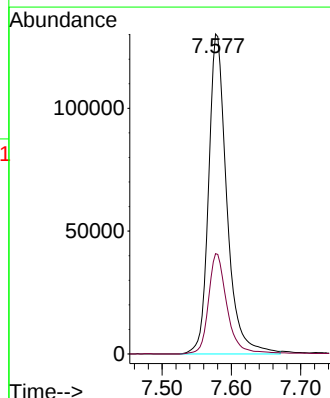
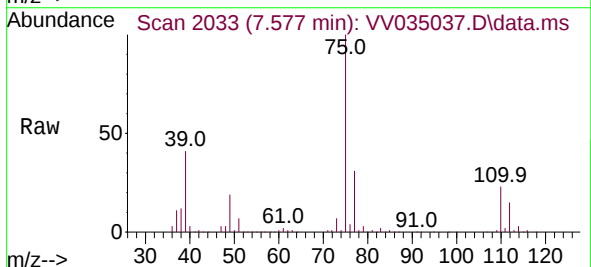
Acq: 06 Apr 2024 04:37

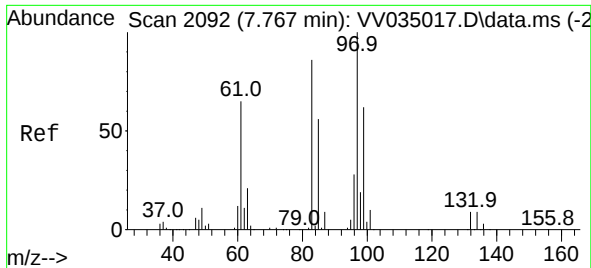
Tgt Ion: 75 Resp: 237390

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3

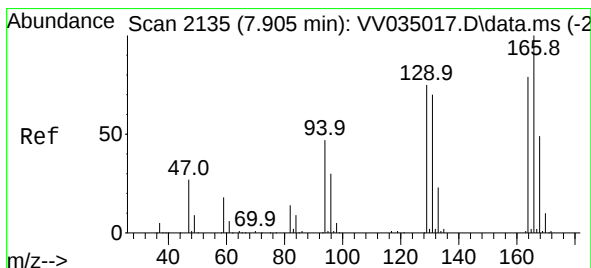
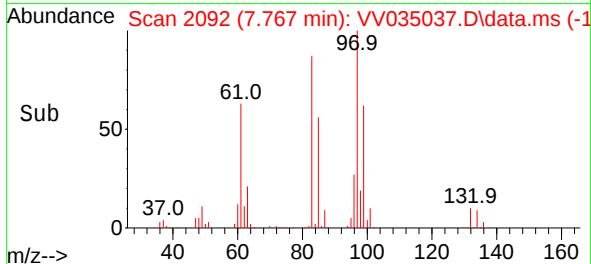
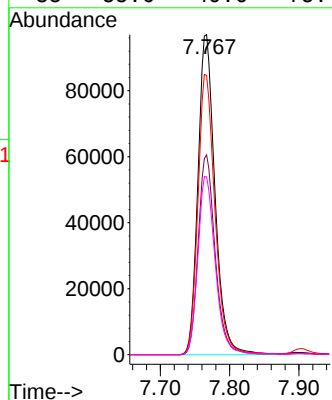
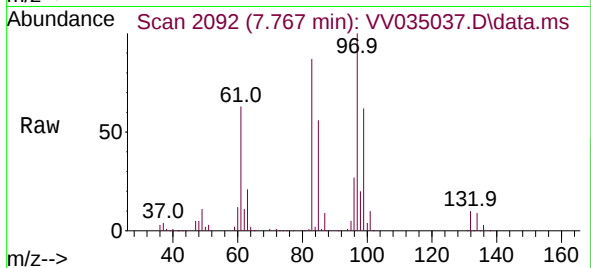




#45
1,1,2-Trichloroethane
Concen: 57.283 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

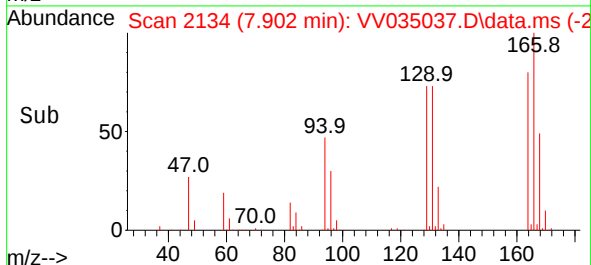
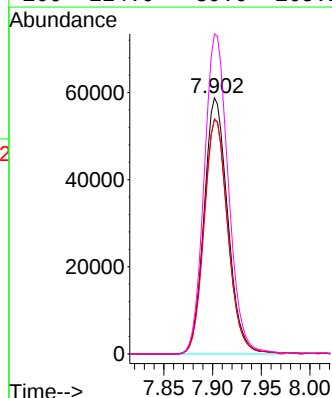
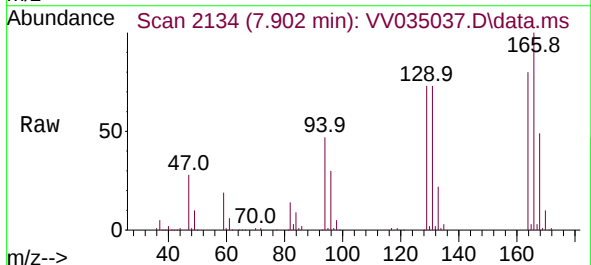
Instrument :
MSVOA_V
ClientSampleId :

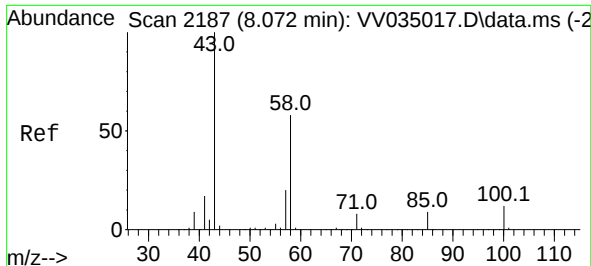
Tgt Ion:	97	Resp:	166331
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.3	80.3
83	87.3	61.6	114.4
85	55.6	40.6	75.4



#46
Tetrachloroethene
Concen: 47.336 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

Tgt Ion:	164	Resp:	99492
Ion	Ratio	Lower	Upper
164	100		
129	91.6	68.6	127.4
131	91.7	65.7	122.1
166	124.9	89.0	165.2





#48

2-Hexanone

Concen: 113.516 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 379749

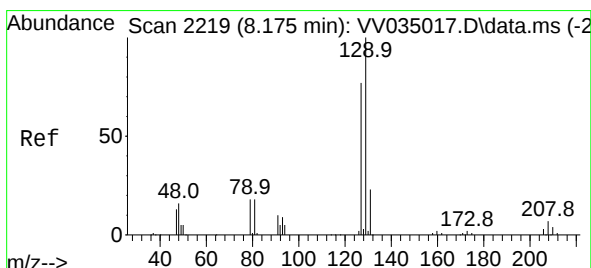
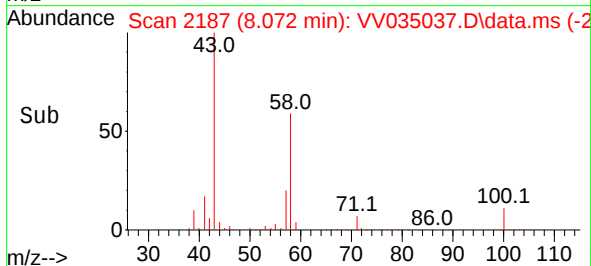
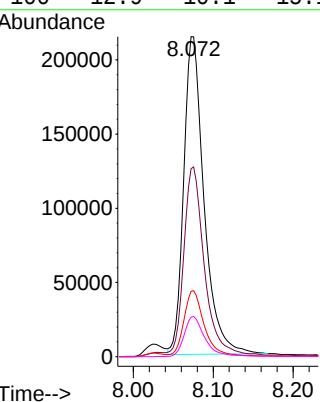
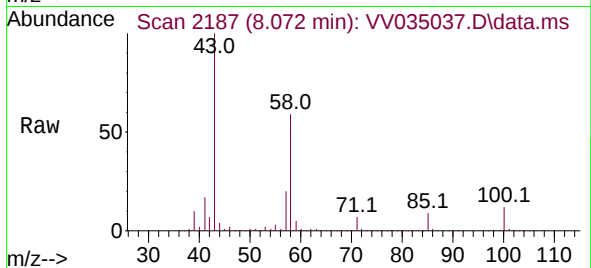
Ion Ratio Lower Upper

43 100

58 59.8 45.4 68.2

57 20.9 16.2 24.4

100 12.9 10.1 15.1



#49

Dibromochloromethane

Concen: 57.792 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV035037.D

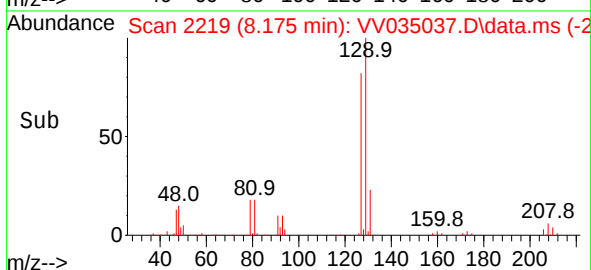
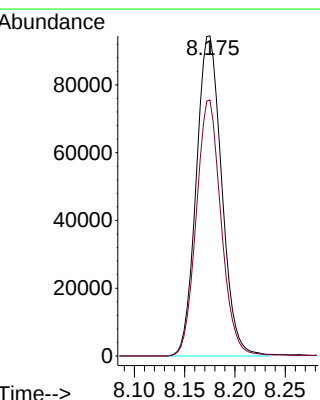
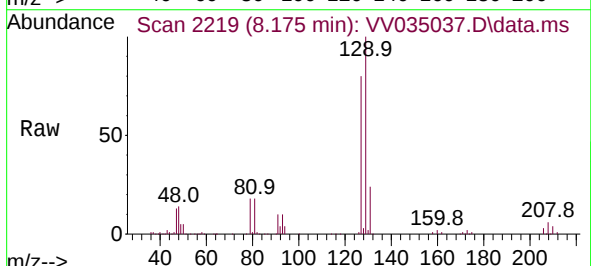
Acq: 06 Apr 2024 04:37

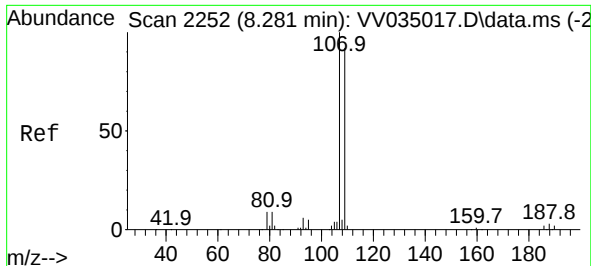
Tgt Ion: 129 Resp: 166203

Ion Ratio Lower Upper

129 100

127 80.0 54.1 100.5

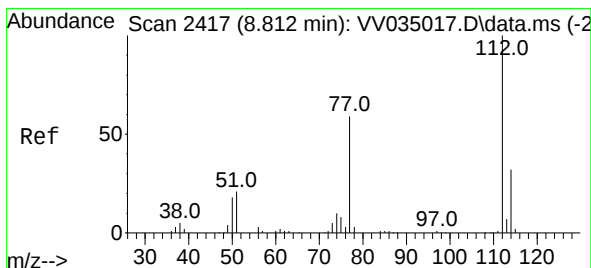
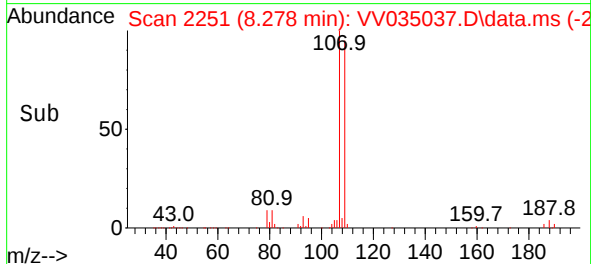
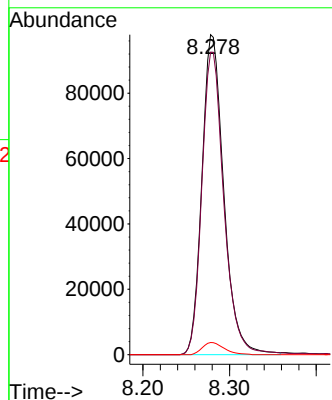
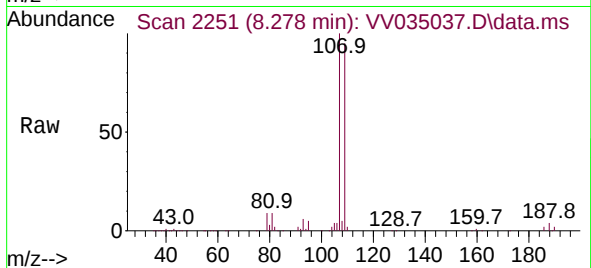




#50
1,2-Dibromoethane
Concen: 54.899 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

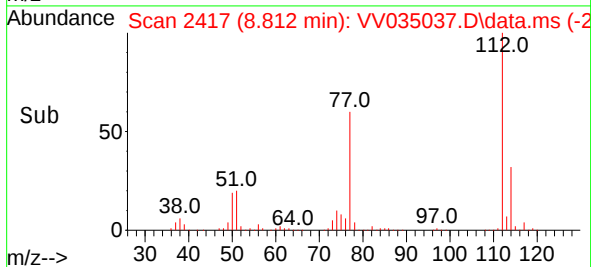
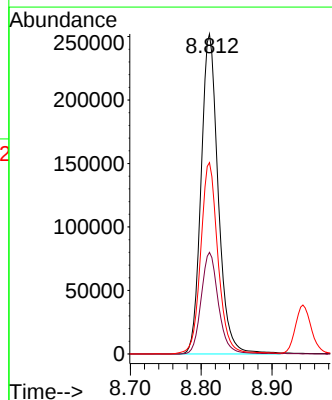
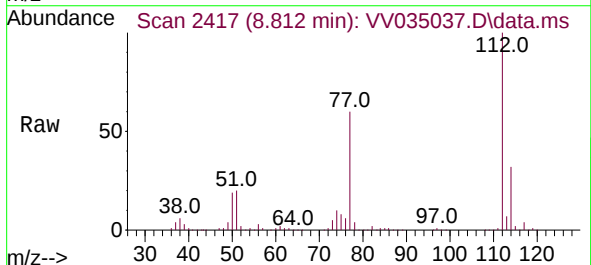
Instrument :
MSVOA_V
ClientSampleId :

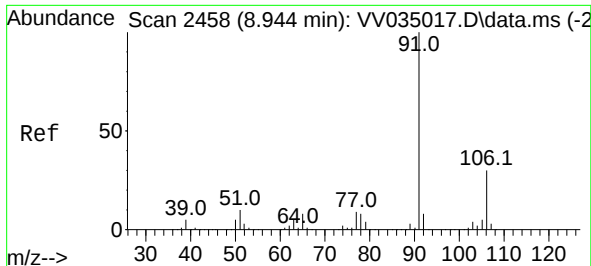
Tgt Ion:107 Resp: 171623
Ion Ratio Lower Upper
107 100
109 94.6 64.5 119.9
188 3.8 2.8 4.2



#51
Chlorobenzene
Concen: 55.964 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

Tgt Ion:112 Resp: 423321
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 59.8 47.4 71.2

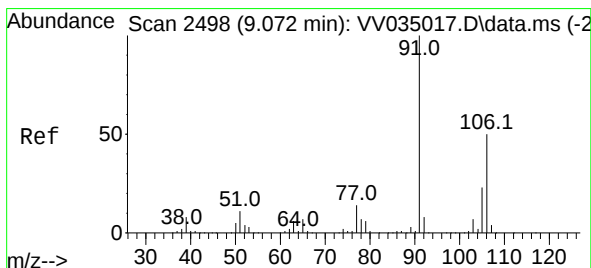
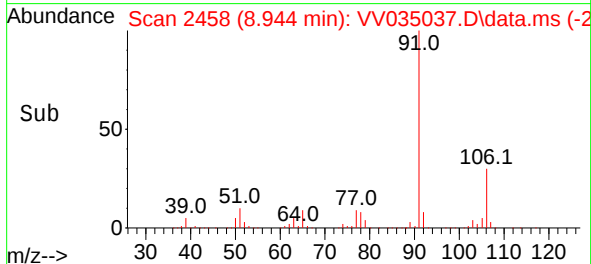
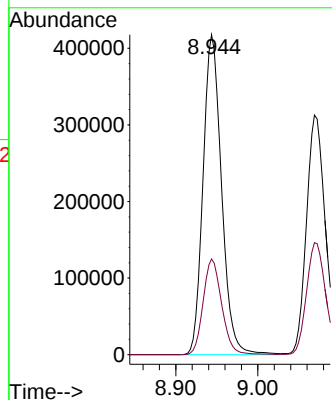
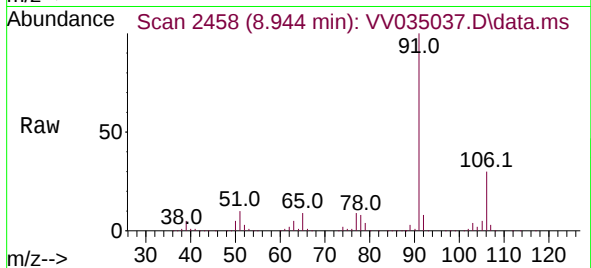




#52
Ethylbenzene
Concen: 50.616 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

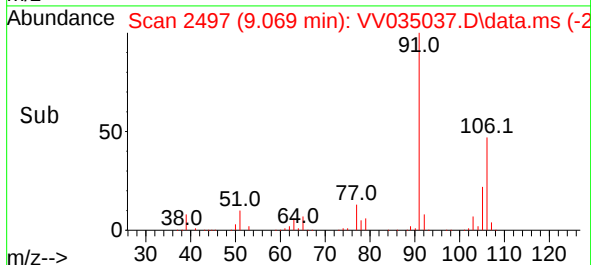
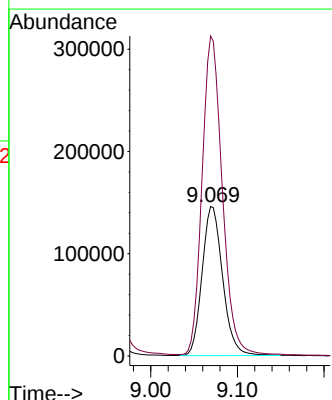
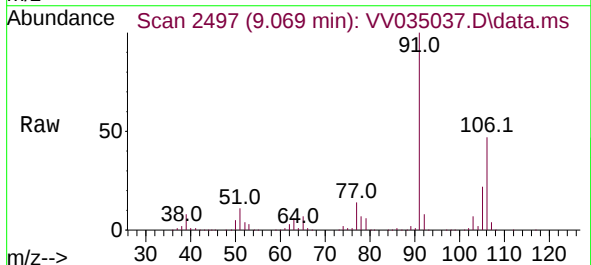
Instrument :
MSVOA_V
ClientSampleId :

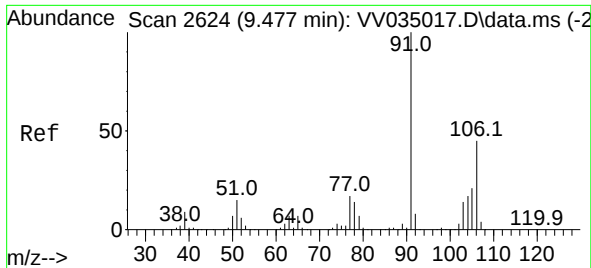
Tgt Ion: 91 Resp: 654696
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-Xylene
Concen: 50.361 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

Tgt Ion: 106 Resp: 239889
Ion Ratio Lower Upper
106 100
91 214.1 144.8 269.0

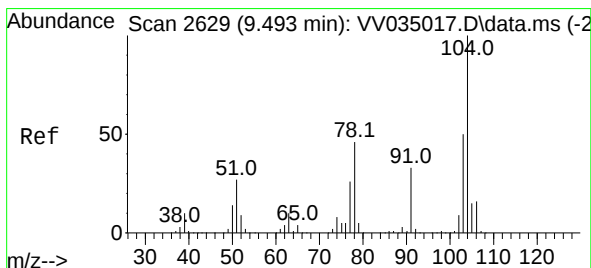
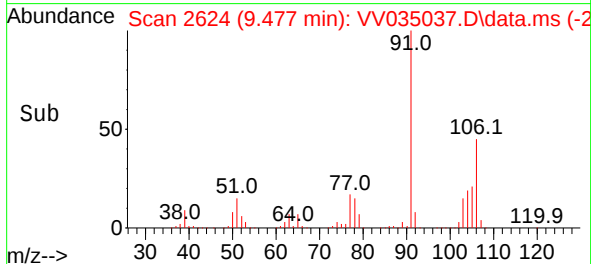
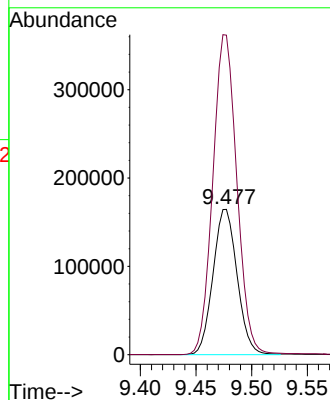
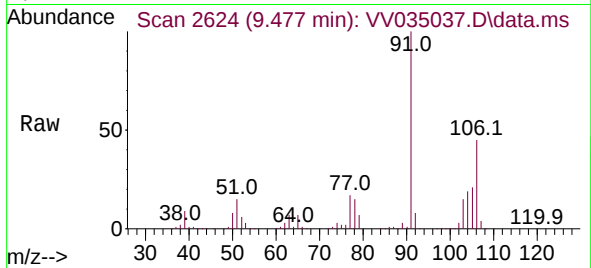




#54
o-Xylene
Concen: 52.642 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

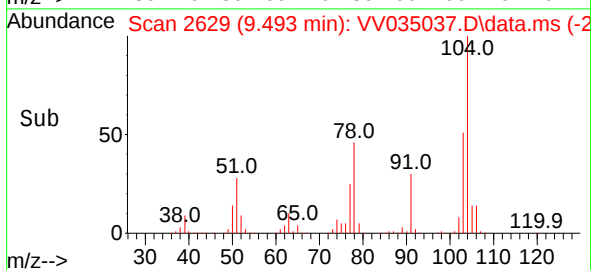
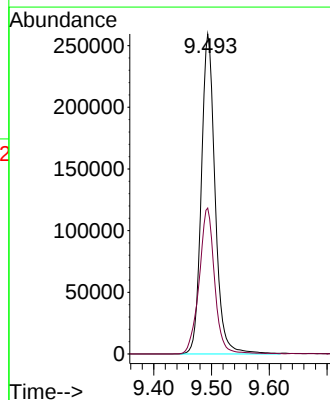
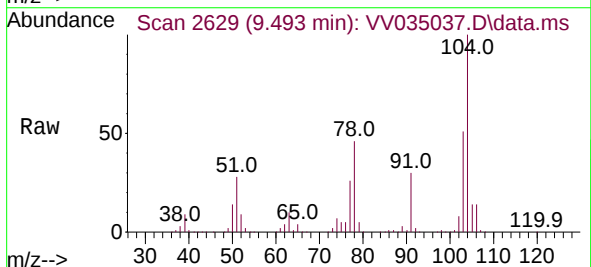
Instrument :
MSVOA_V
ClientSampleId :

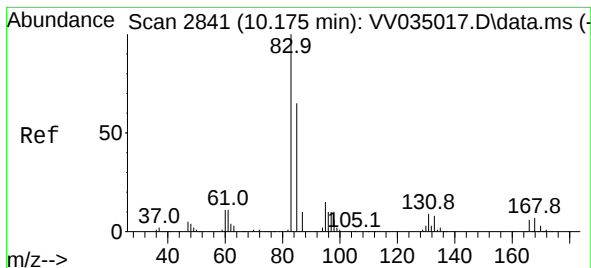
Tgt Ion:106 Resp: 248107
Ion Ratio Lower Upper
106 100
91 219.9 151.3 280.9



#55
Styrene
Concen: 53.972 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

Tgt Ion:104 Resp: 429864
Ion Ratio Lower Upper
104 100
78 45.6 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 61.636 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

ClientSampleId :

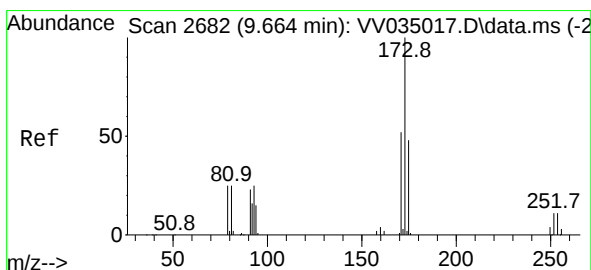
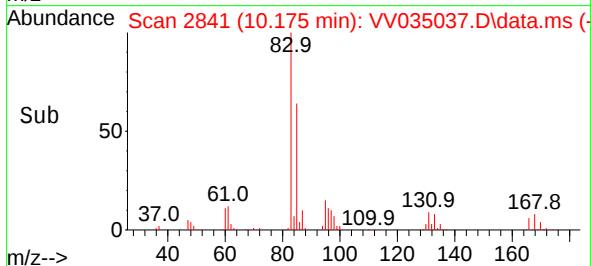
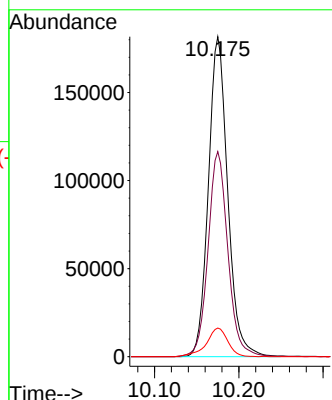
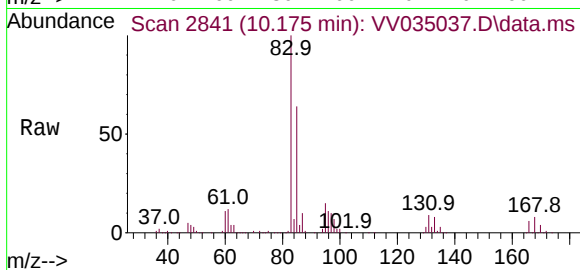
Tgt Ion: 83 Resp: 289977

Ion Ratio Lower Upper

83 100

85 64.1 44.5 82.7

131 8.9 6.9 10.3



#59

Bromoform

Concen: 66.897 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

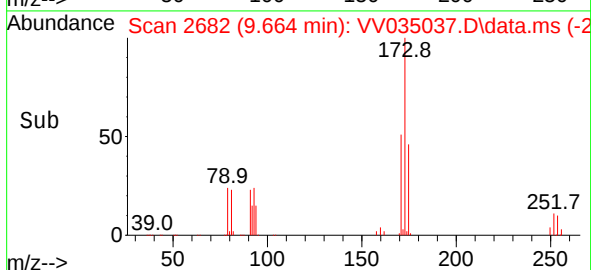
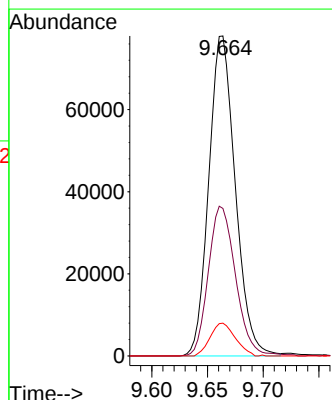
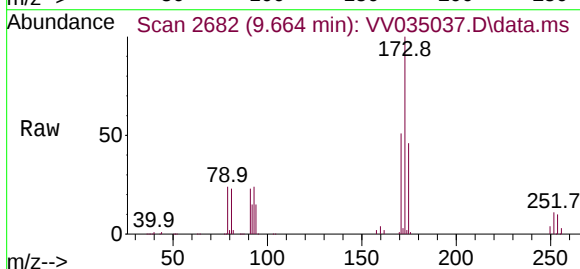
Tgt Ion: 173 Resp: 128969

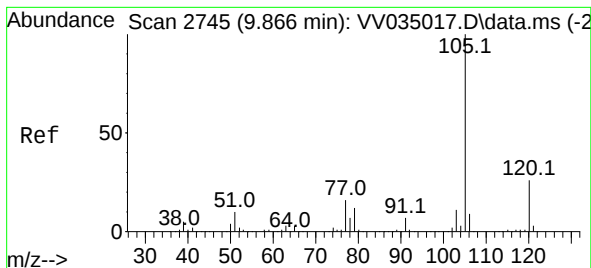
Ion Ratio Lower Upper

173 100

175 48.1 39.3 58.9

254 9.7 7.5 11.3





#60

Isopropylbenzene

Concen: 52.271 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

ClientSampleId :

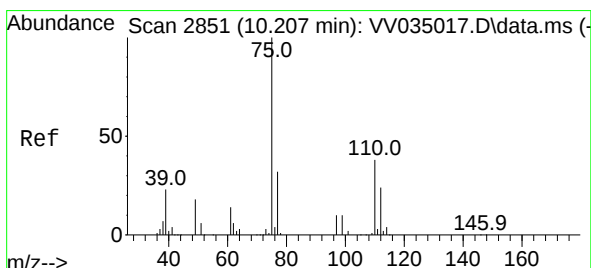
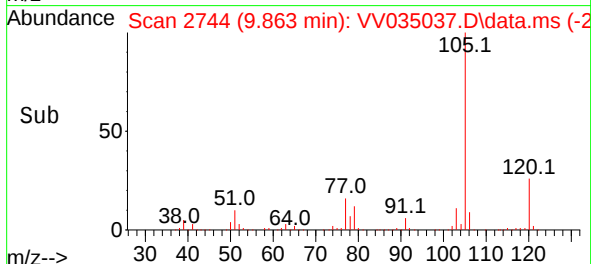
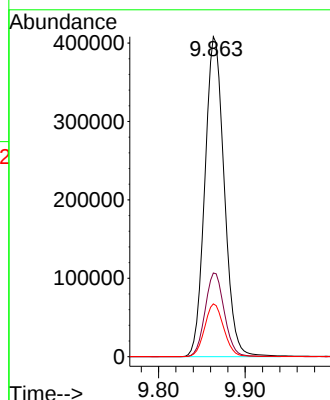
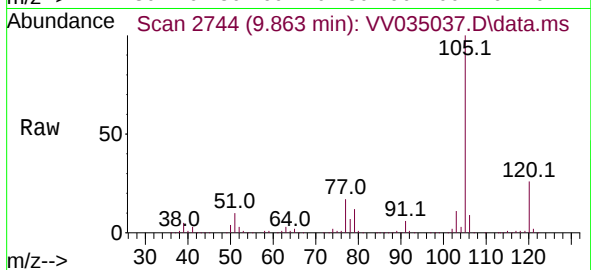
Tgt Ion:105 Resp: 633937

Ion Ratio Lower Upper

105 100

120 26.0 21.0 31.6

77 16.2 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 60.060 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

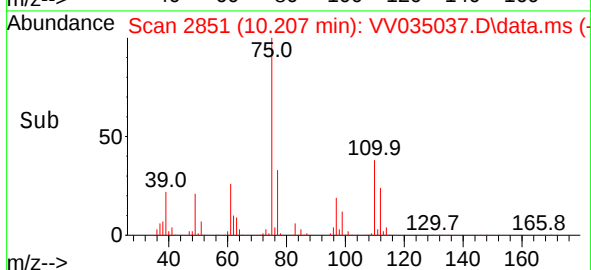
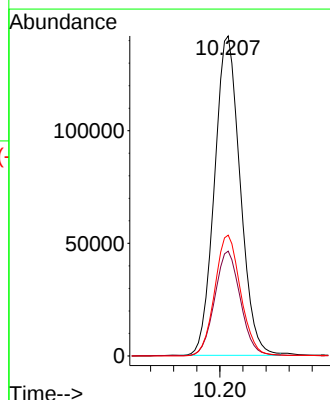
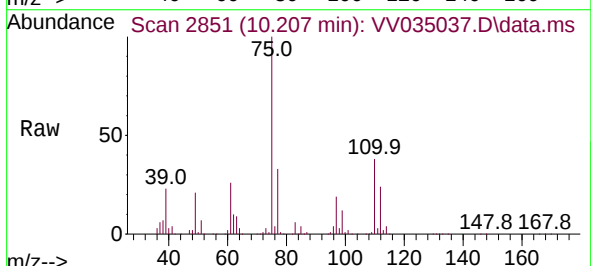
Tgt Ion: 75 Resp: 218946

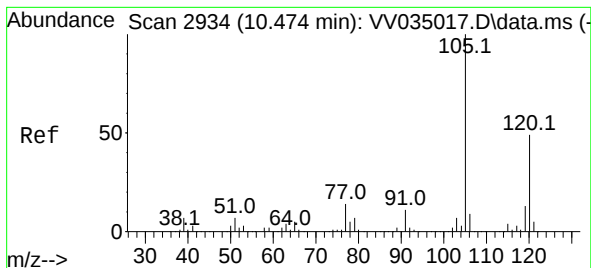
Ion Ratio Lower Upper

75 100

77 32.6 26.0 39.0

110 38.2 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 52.863 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

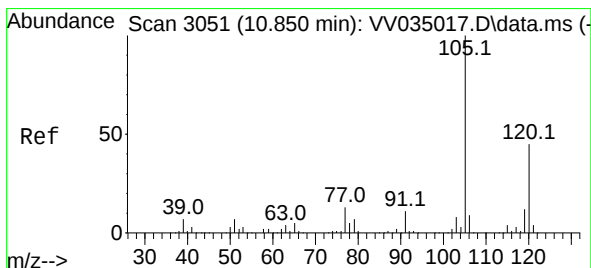
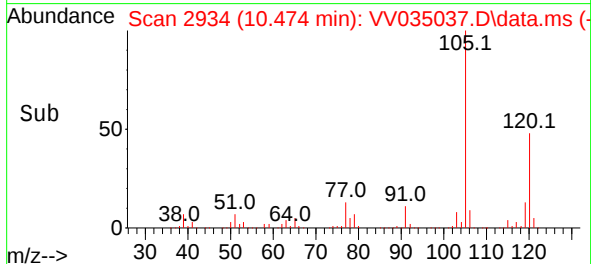
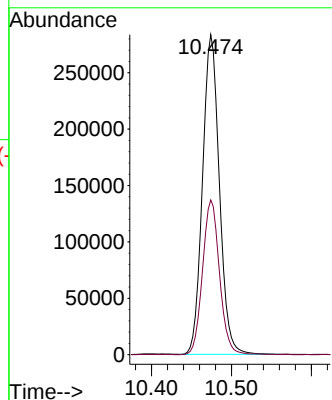
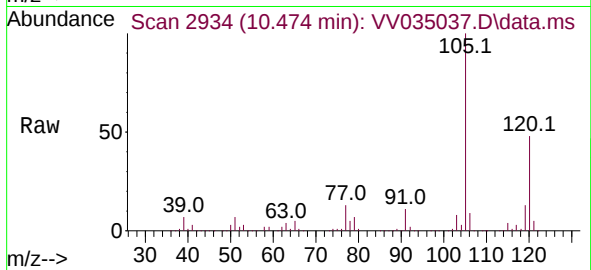
ClientSampleId :

Tgt Ion:105 Resp: 416375

Ion Ratio Lower Upper

105 100

120 48.6 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 53.691 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035037.D

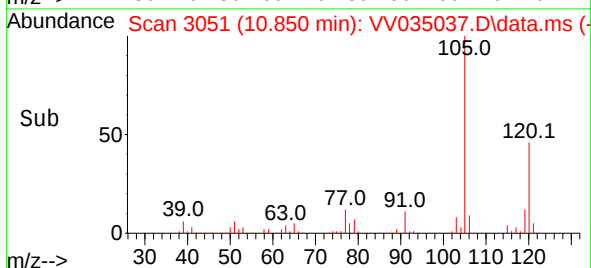
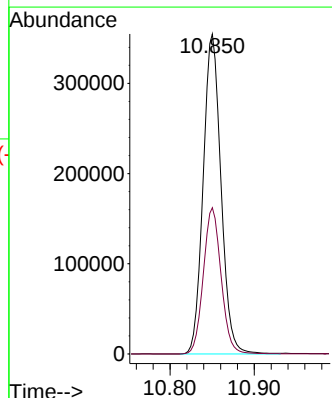
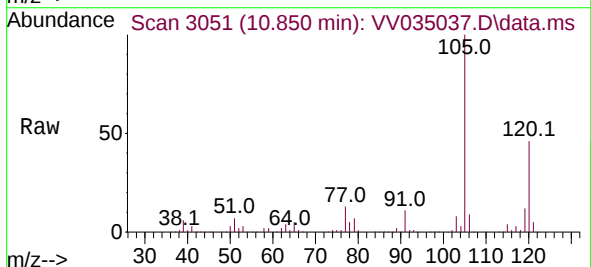
Acq: 06 Apr 2024 04:37

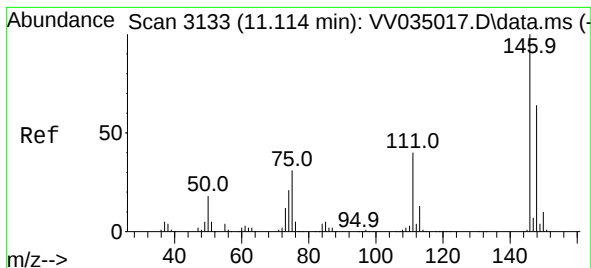
Tgt Ion:105 Resp: 522860

Ion Ratio Lower Upper

105 100

120 45.6 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 53.028 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

ClientSampleId :

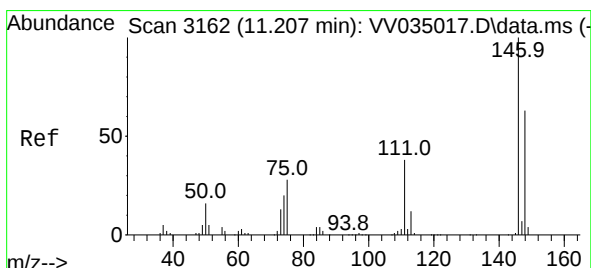
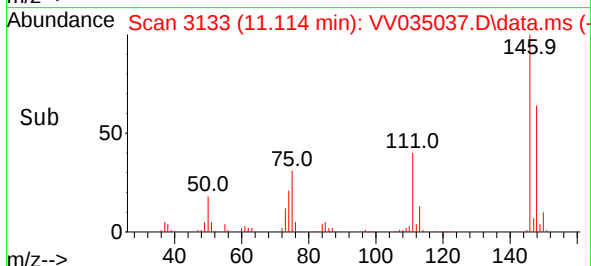
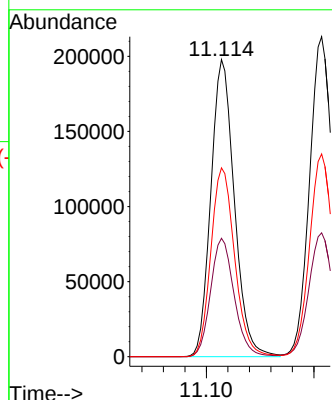
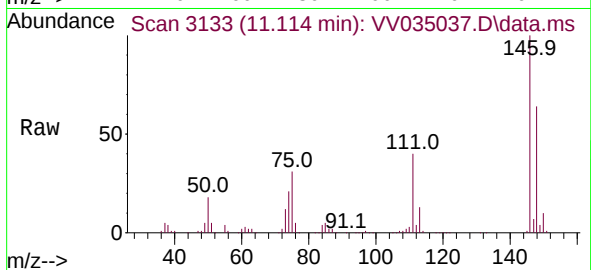
Tgt Ion:146 Resp: 300543

Ion Ratio Lower Upper

146 100

111 39.9 28.7 53.3

148 63.6 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 57.833 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

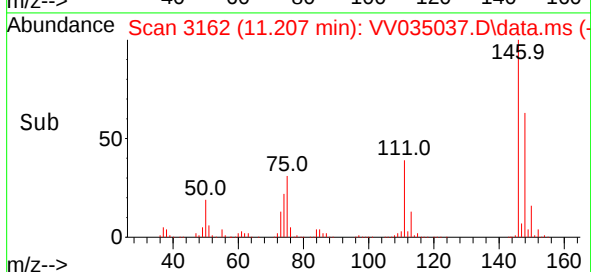
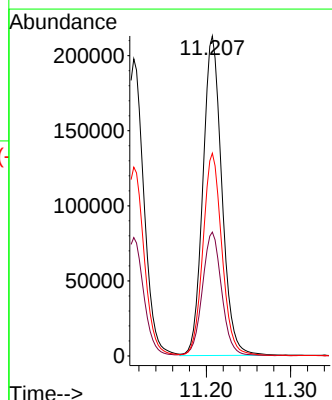
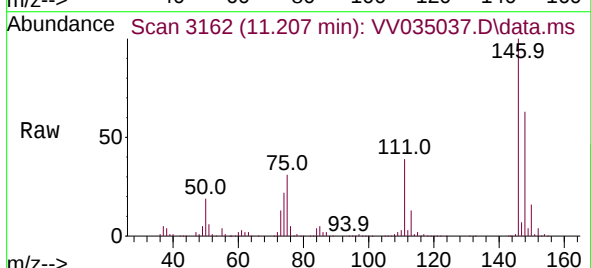
Tgt Ion:146 Resp: 333321

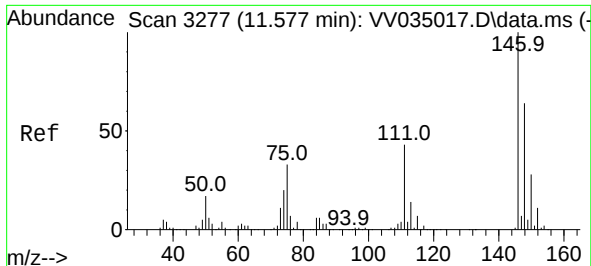
Ion Ratio Lower Upper

146 100

111 38.7 27.4 50.8

148 63.3 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 58.309 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

ClientSampleId :

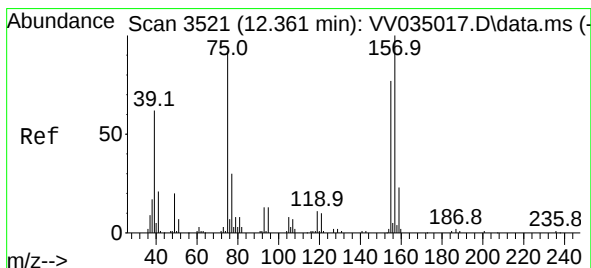
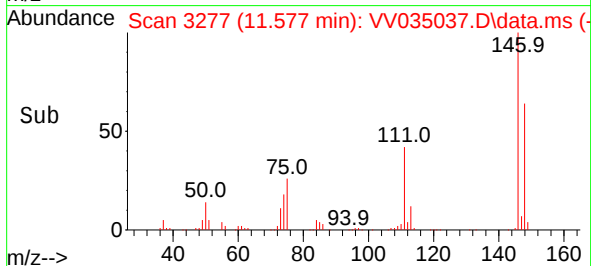
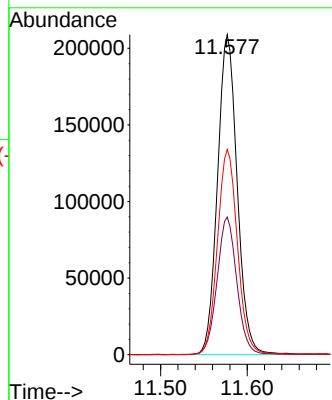
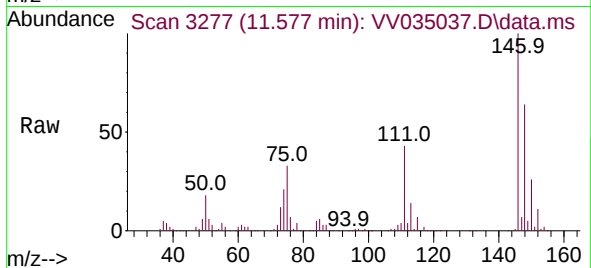
Tgt Ion:146 Resp: 329208

Ion Ratio Lower Upper

146 100

111 43.0 34.6 52.0

148 64.1 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 58.460 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

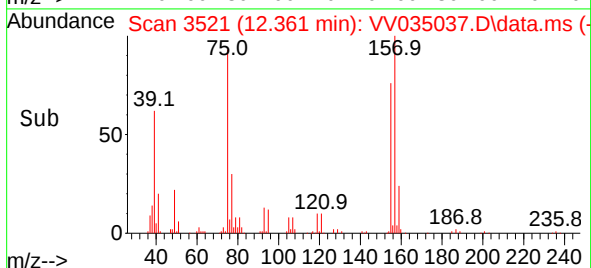
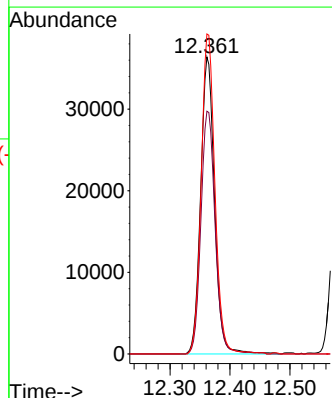
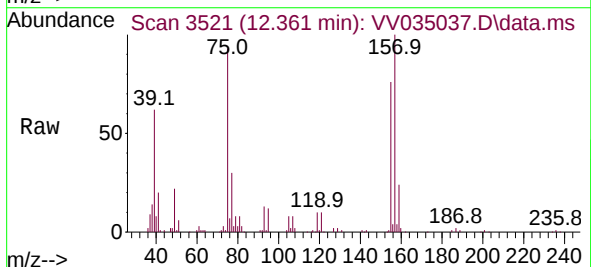
Tgt Ion: 75 Resp: 58712

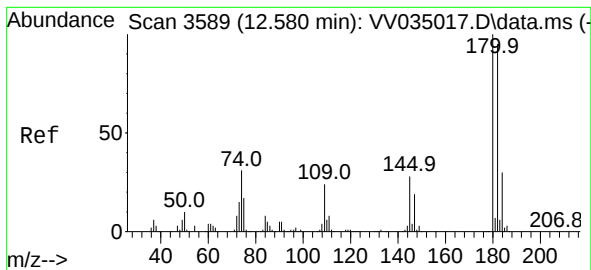
Ion Ratio Lower Upper

75 100

155 81.7 63.0 94.6

157 107.7 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 47.843 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

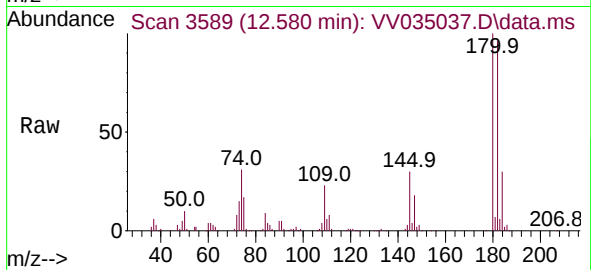
Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 195424

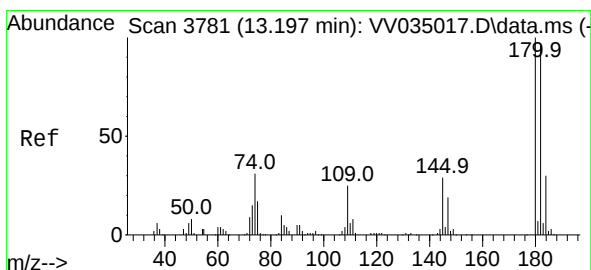
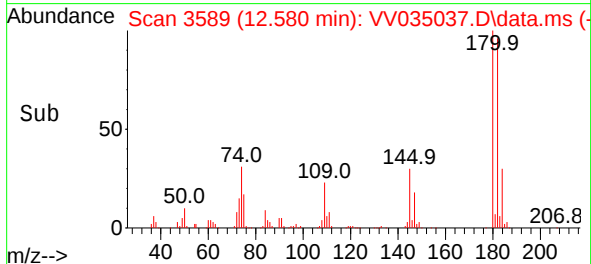
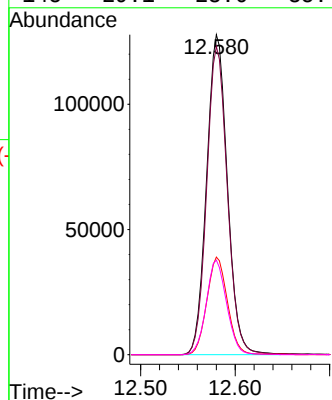
Ion Ratio Lower Upper

180 100

182 95.2 74.7 112.1

184 30.2 24.0 36.0

145 29.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 49.085 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035037.D

Acq: 06 Apr 2024 04:37

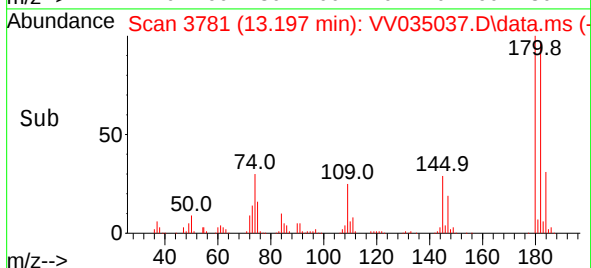
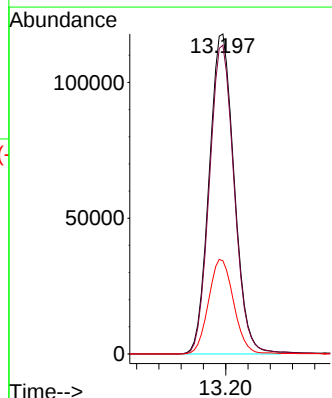
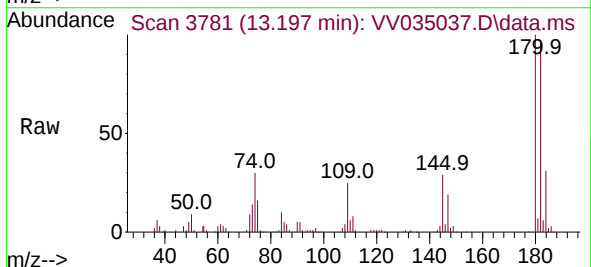
Tgt Ion:180 Resp: 184168

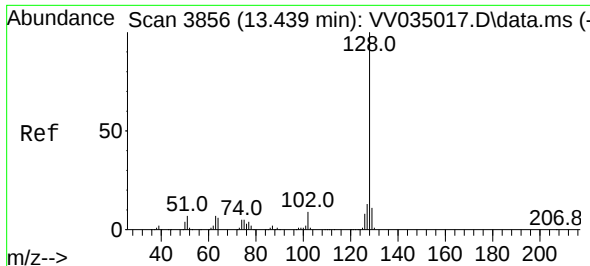
Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

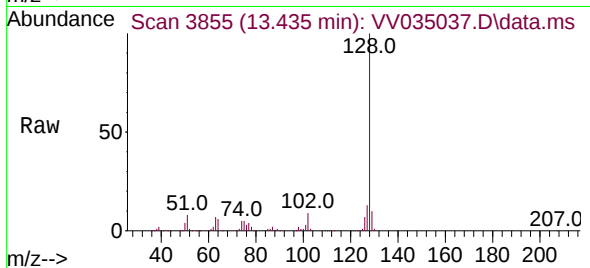
145 29.5 24.1 36.1



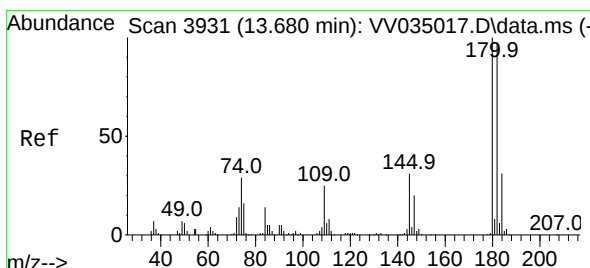
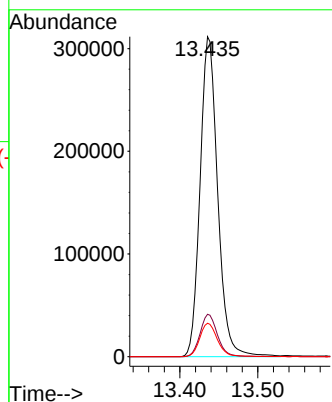
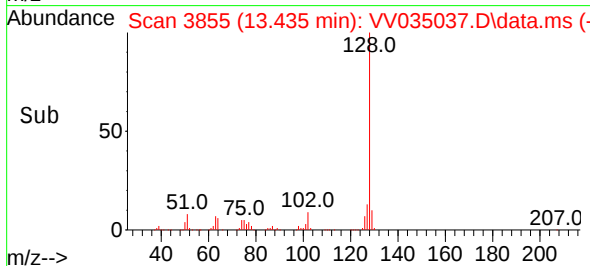


#71
Naphthalene
Concen: 46.989 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.003 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 489146
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.5 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.940 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. -0.003 min
Lab File: VV035037.D
Acq: 06 Apr 2024 04:37

Tgt Ion:180 Resp: 181002
Ion Ratio Lower Upper
180 100
182 96.1 76.2 114.2
145 31.1 25.8 38.6

