

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040824\
 Data File : VV035066.D
 Acq On : 08 Apr 2024 19:51
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 09 02:17:37 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	386537	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	374670	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	190588	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	152626	40.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.780%
7) Chloroethane-d5	1.529	69	154234	47.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.140%
11) 1,1-Dichloroethene-d2	2.056	65	68413	41.808	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.620%
21) 2-Butanone-d5	3.789	46	222891	100.675	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.680%
24) Chloroform-d	4.246	84	289454	46.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.240%
26) 1,2-Dichloroethane-d4	4.937	65	181550	45.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
32) Benzene-d6	4.957	84	565452	44.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.860%
36) 1,2-Dichloropropane-d6	5.985	67	181983	45.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.080%
41) Toluene-d8	7.239	98	507848	44.807	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.620%
43) trans-1,3-Dichloroprop...	7.551	79	83876	43.171	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.340%
47) 2-Hexanone-d5	8.024	63	132859	87.928	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.930%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	261306	47.481	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.960%
66) 1,2-Dichlorobenzene-d4	11.558	152	188902	44.145	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	117617	41.983	ug/L	100
3) Chloromethane	1.214	50	152099	42.231	ug/L	100
5) Vinyl chloride	1.282	62	161544	42.785	ug/L	99
6) Bromomethane	1.487	94	114054	40.299	ug/L	100
8) Chloroethane	1.548	64	129154	50.085	ug/L	97
9) Trichlorofluoromethane	1.712	101	225227	45.449	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	138116	45.535	ug/L	98
12) 1,1-Dichloroethene	2.069	96	127147	43.829	ug/L	91
13) Acetone	2.121	43	185307	91.168	ug/L	98
14) Carbon disulfide	2.240	76	321289	39.328	ug/L	100
15) Methyl Acetate	2.371	43	183836	57.394	ug/L	98
16) Methylene chloride	2.445	84	159373	50.702	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	131268	46.803	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	510637	51.834	ug/L	99
19) 1,1-Dichloroethane	3.108	63	300360	52.222	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	159674	50.135	ug/L	100
22) 2-Butanone	3.870	43	252935	107.240	ug/L	97
23) Bromochloromethane	4.143	128	81224	50.973	ug/L	97
25) Chloroform	4.272	83	296494	52.140	ug/L	97

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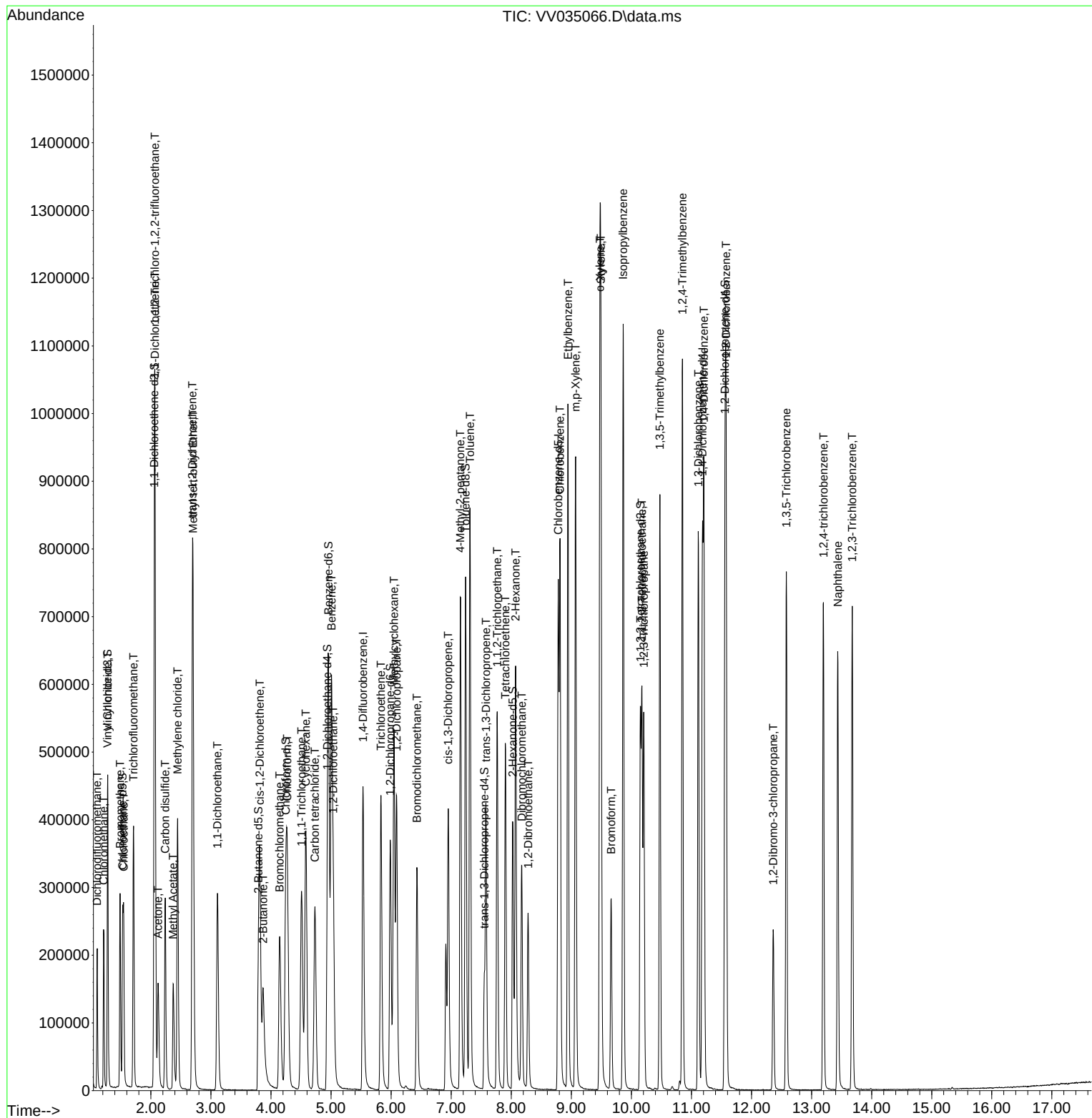
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	232303	51.309	ug/L	100
29) Cyclohexane	4.580	56	214415	45.691	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	244458	50.055	ug/L	99
31) Carbon tetrachloride	4.732	117	204038	49.291	ug/L	99
33) Benzene	5.008	78	606019	49.603	ug/L	100
34) Trichloroethene	5.831	95	154850	46.964	ug/L	100
35) Methylcyclohexane	6.047	83	223180	44.819	ug/L	99
37) 1,2-Dichloropropane	6.092	63	179494	53.162	ug/L	100
38) Bromodichloromethane	6.429	83	223562	51.319	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	263257	49.496	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	483139	112.077	ug/L	99
42) Toluene	7.313	91	638429	49.913	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	246460	50.437	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	170719	53.646	ug/L	99
46) Tetrachloroethene	7.902	164	112916	49.018	ug/L	98
48) 2-Hexanone	8.072	43	387237	105.619	ug/L	98
49) Dibromochloromethane	8.175	129	164786	52.282	ug/L	98
50) 1,2-Dibromoethane	8.281	107	173588	50.666	ug/L	98
51) Chlorobenzene	8.812	112	422912	51.015	ug/L	99
52) Ethylbenzene	8.944	91	693315	48.908	ug/L	100
53) m,p-Xylene	9.072	106	258006	49.422	ug/L	100
54) o-Xylene	9.477	106	256546	49.667	ug/L	96
55) Styrene	9.493	104	448177	51.344	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	283346	54.953	ug/L	99
59) Bromoform	9.664	173	123128	56.375	ug/L	99
60) Isopropylbenzene	9.863	105	698540	50.841	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	225408	54.579	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	451500	50.598	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	566319	51.332	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	319886	49.820	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	336604	51.551	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	339822	53.128	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	60389	53.075	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	227025	49.059	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	213668	50.266	ug/L	100
71) Naphthalene	13.435	128	491576	41.683	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	211460	50.467	ug/L	99

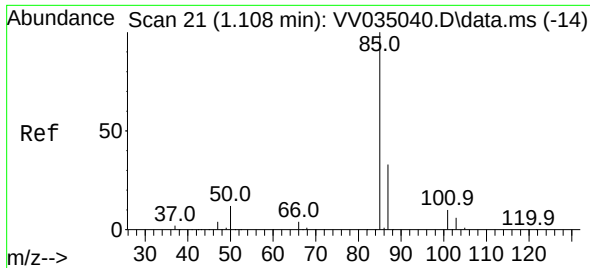
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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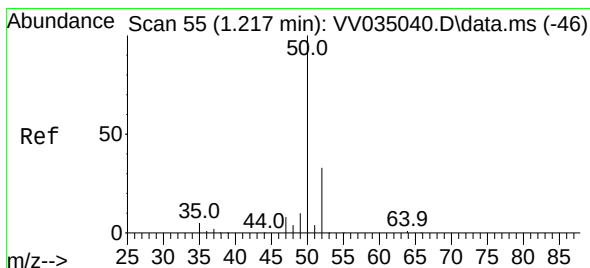
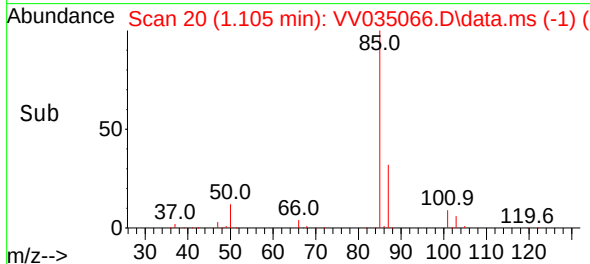
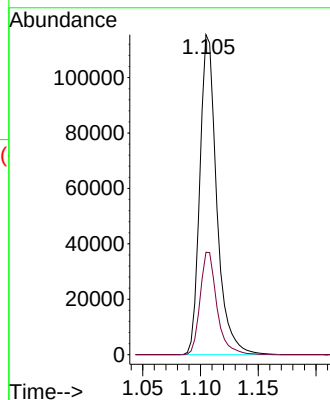
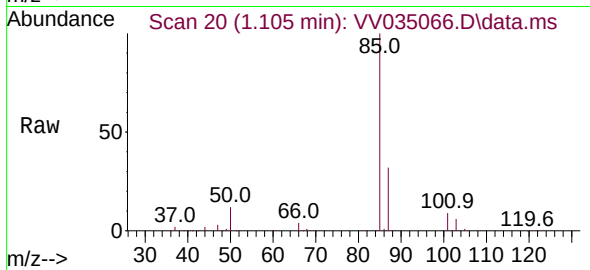




#2
 Dichlorodifluoromethane
 Concen: 41.983 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV035066.D
 Acq: 08 Apr 2024 19:51

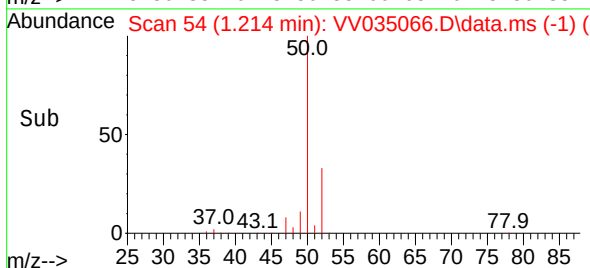
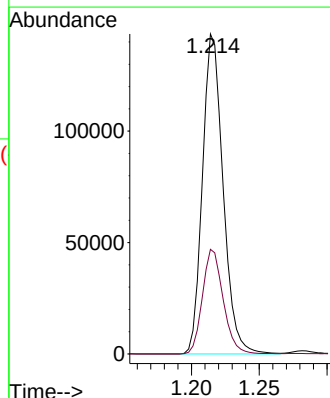
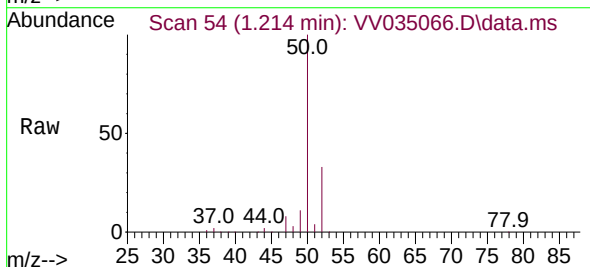
Instrument :
 MSVOA_V
 ClientSampleId :

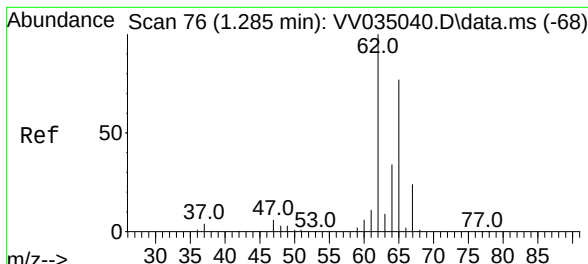
Tgt Ion: 85 Resp: 117617
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.7 38.5



#3
 Chloromethane
 Concen: 42.231 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV035066.D
 Acq: 08 Apr 2024 19:51

Tgt Ion: 50 Resp: 152099
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.8



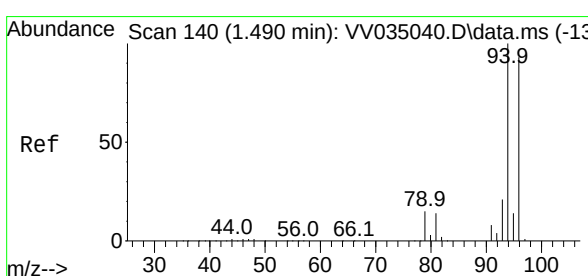
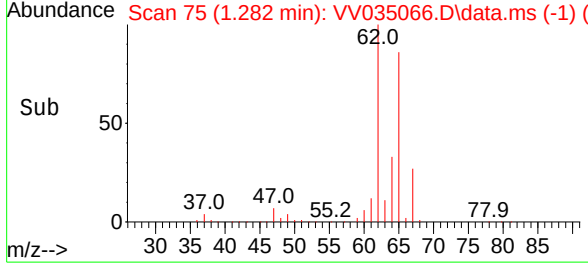
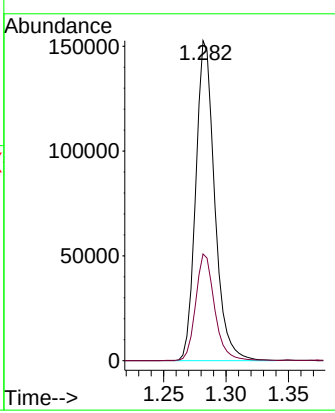
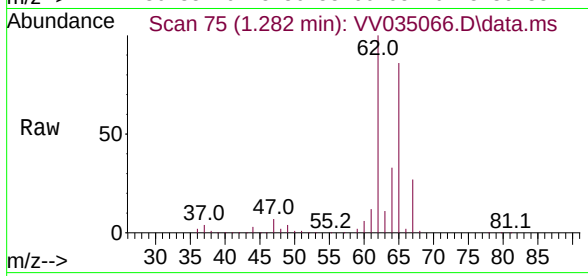


#5
 Vinyl chloride
 Concen: 42.785 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV035066.D
 Acq: 08 Apr 2024 19:51

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 62 Resp: 161544

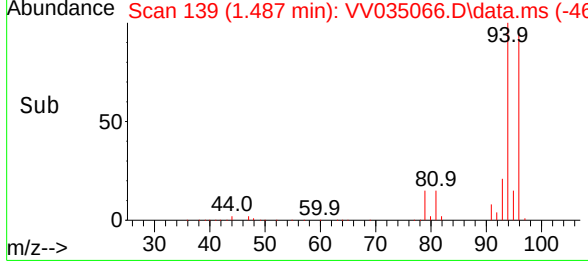
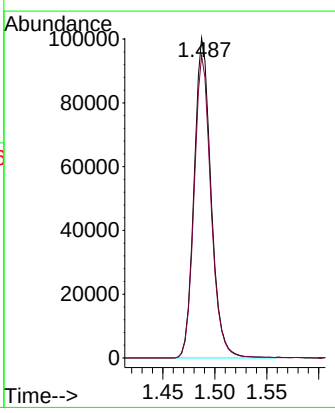
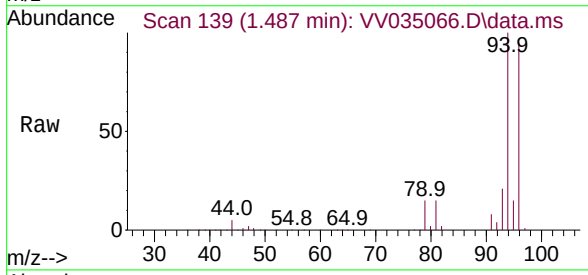
Ion	Ratio	Lower	Upper
62	100		
64	33.4	23.6	43.8

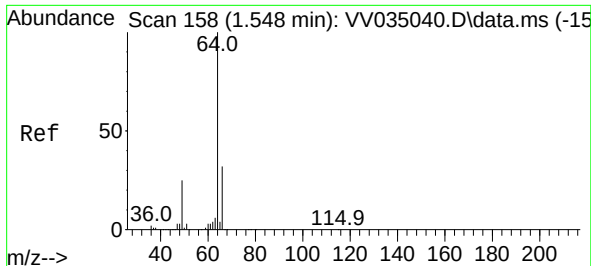


#6
 Bromomethane
 Concen: 40.299 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV035066.D
 Acq: 08 Apr 2024 19:51

Tgt Ion: 94 Resp: 114054

Ion	Ratio	Lower	Upper
94	100		
96	94.5	66.3	123.1

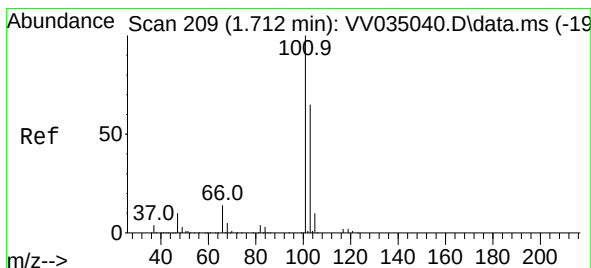
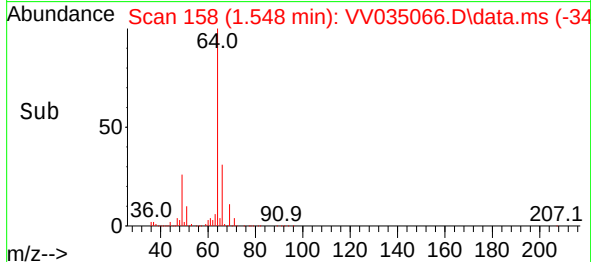
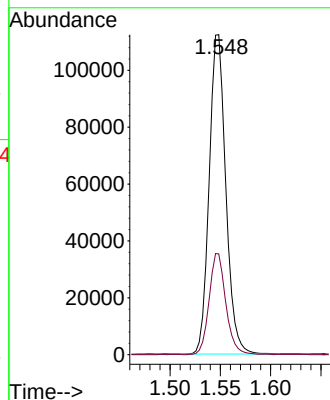
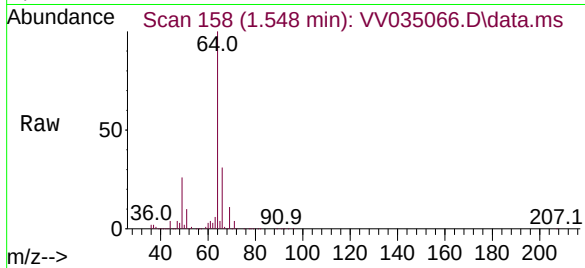




#8
Chloroethane
Concen: 50.085 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

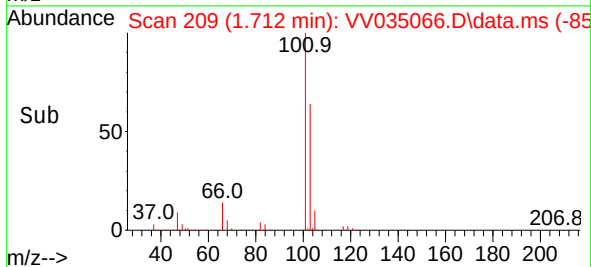
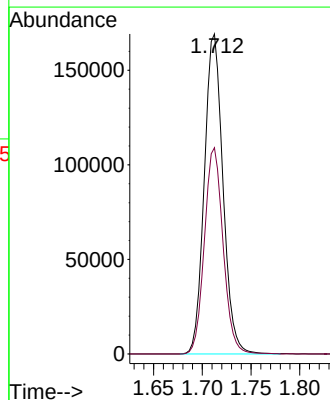
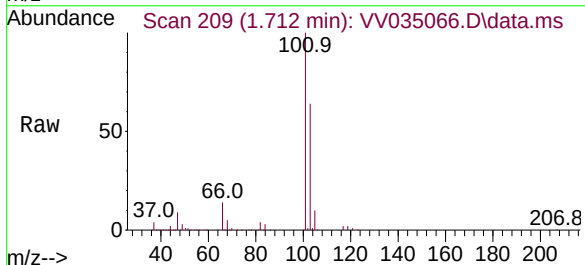
Instrument :
MSVOA_V
ClientSampleId :

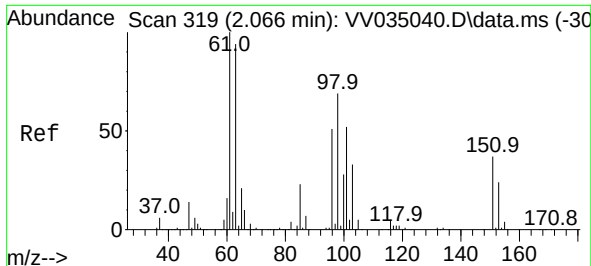
Tgt Ion: 64 Resp: 129154
Ion Ratio Lower Upper
64 100
66 31.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 45.449 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

Tgt Ion:101 Resp: 225227
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4





#10

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

Concen: 45.535 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

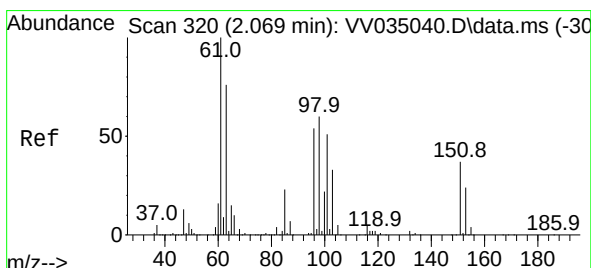
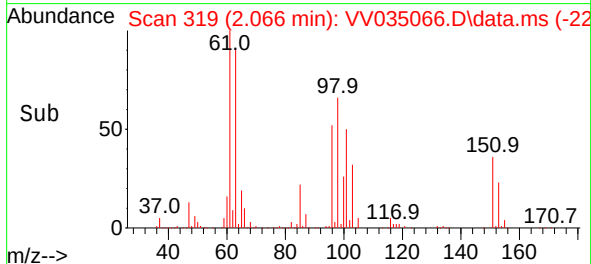
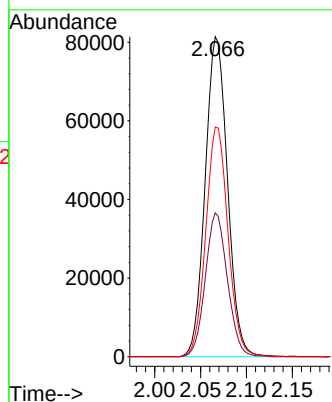
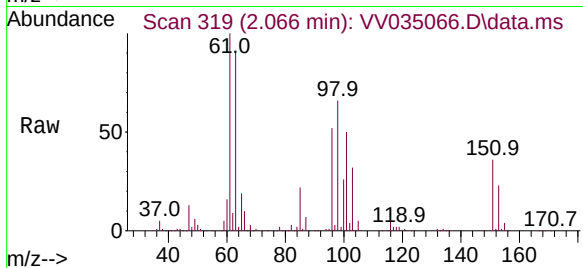
Tgt Ion:101 Resp: 138116

Ion Ratio Lower Upper

101 100

85 44.4 35.3 52.9

151 71.5 55.0 82.4



#12

1,1-Dichloroethene

Concen: 43.829 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

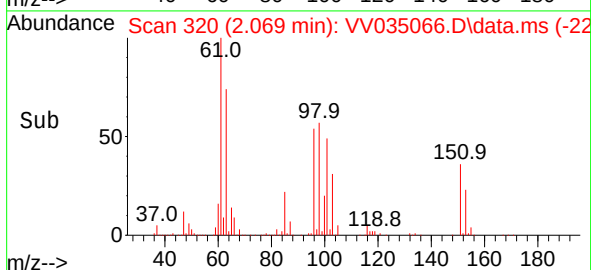
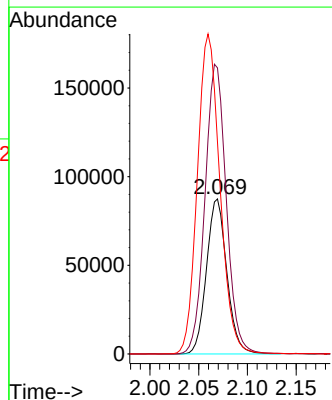
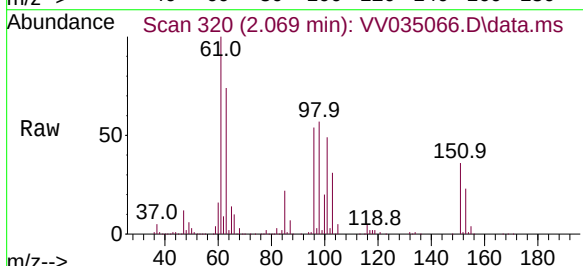
Tgt Ion: 96 Resp: 127147

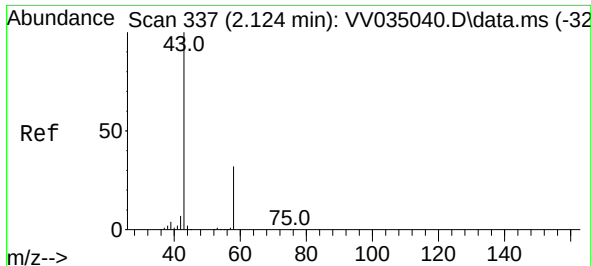
Ion Ratio Lower Upper

96 100

61 184.6 131.5 244.3

63 136.7 111.4 206.8

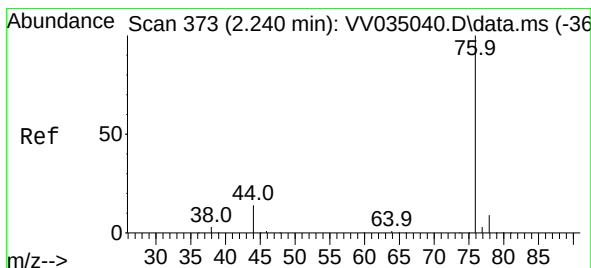
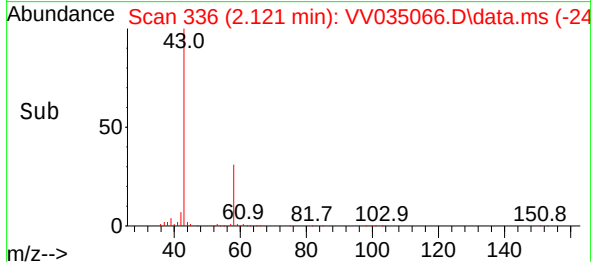
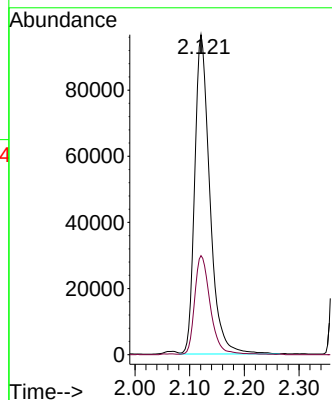
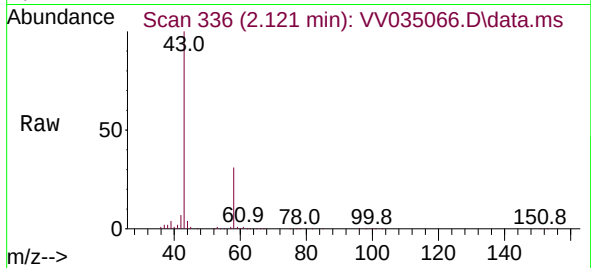




#13
Acetone
Concen: 91.168 ug/L
RT: 2.121 min Scan# 337
Delta R.T. 0.003 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

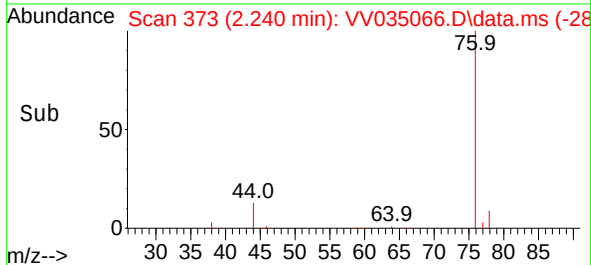
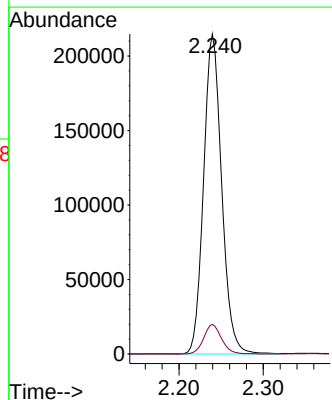
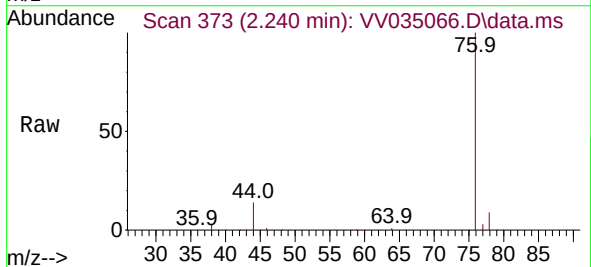
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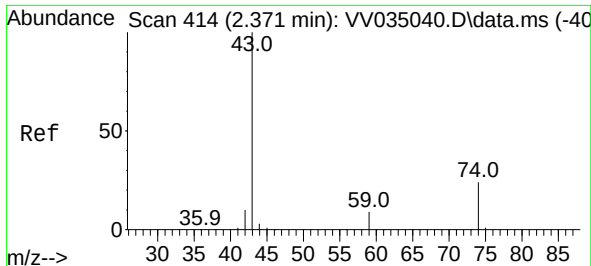
Tgt Ion: 43 Resp: 185307
Ion Ratio Lower Upper
43 100
58 31.6 0.0 66.0



#14
Carbon disulfide
Concen: 39.328 ug/L
RT: 2.240 min Scan# 373
Delta R.T. -0.003 min
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Tgt Ion: 76 Resp: 321289
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

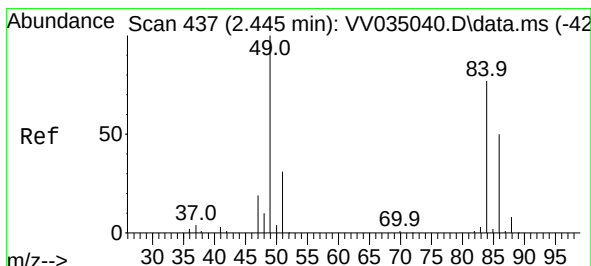
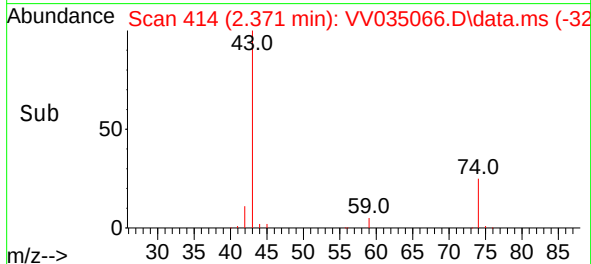
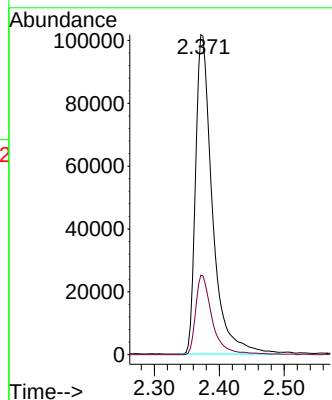
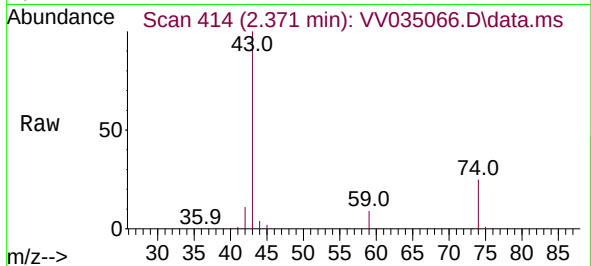




#15
Methyl Acetate
Concen: 57.394 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

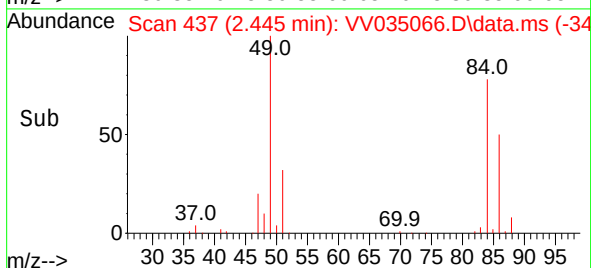
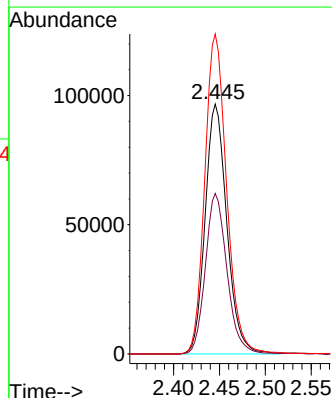
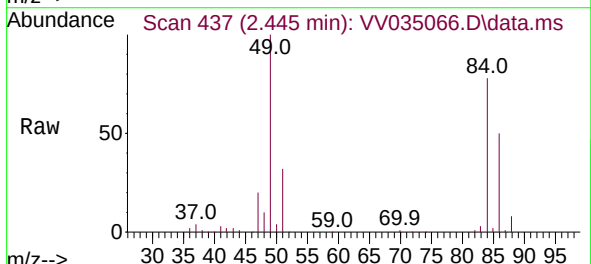
Instrument :
MSVOA_V
ClientSampleId :

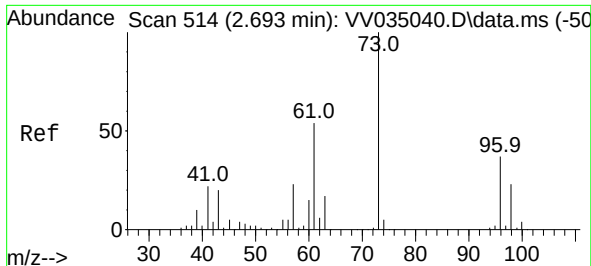
Tgt Ion: 43 Resp: 183836
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.8



#16
Methylene chloride
Concen: 50.702 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

Tgt Ion: 84 Resp: 159373
Ion Ratio Lower Upper
84 100
86 64.2 44.6 82.8
49 128.0 86.9 161.3





#17

trans-1,2-Dichloroethene

Concen: 46.803 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

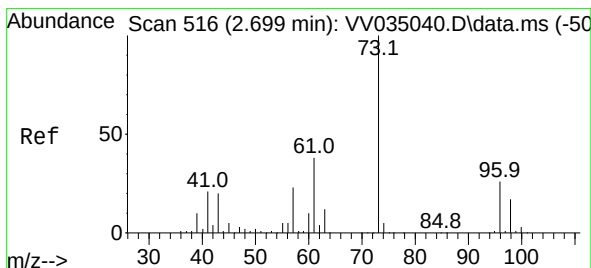
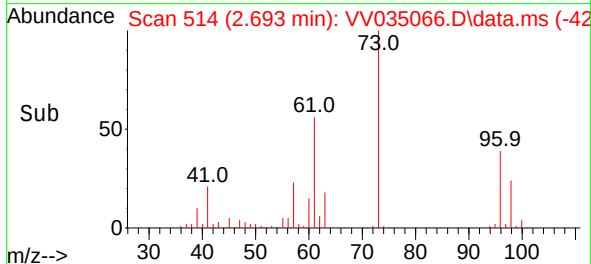
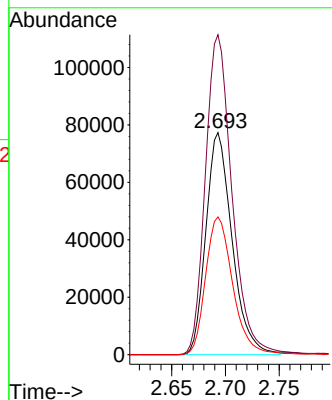
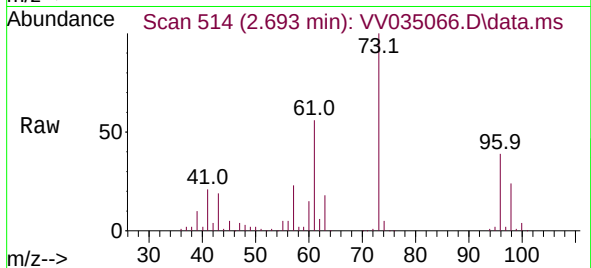
Tgt Ion: 96 Resp: 131268

Ion Ratio Lower Upper

96 100

61 144.1 99.0 183.8

98 62.0 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 51.834 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

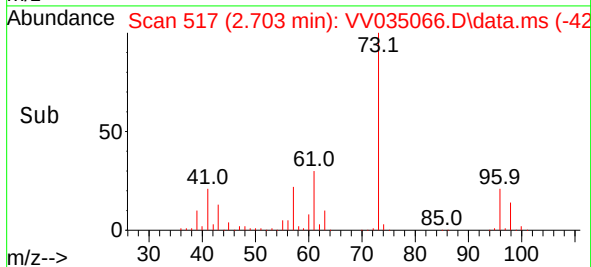
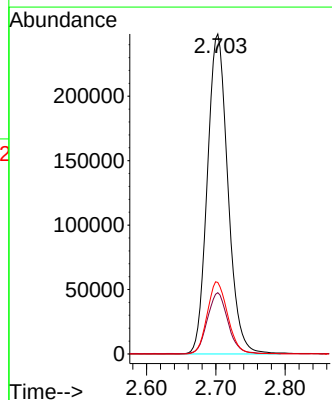
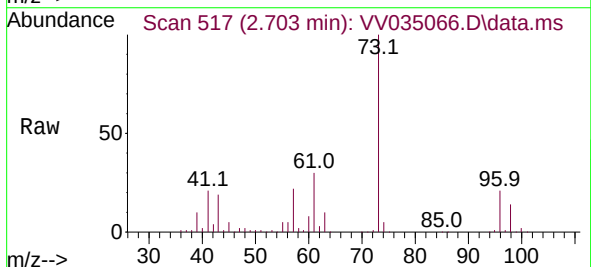
Tgt Ion: 73 Resp: 510637

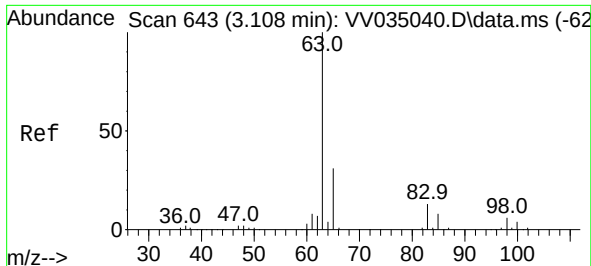
Ion Ratio Lower Upper

73 100

43 19.0 14.6 21.8

57 22.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 52.222 ug/L

RT: 3.108 min Scan# 643

Delta R.T. -0.003 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

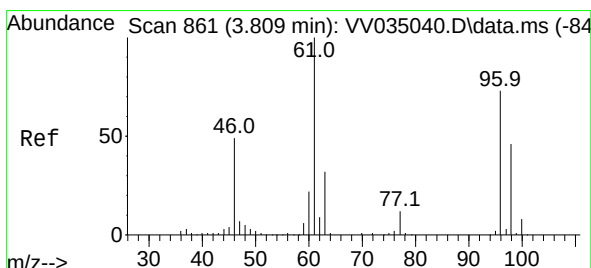
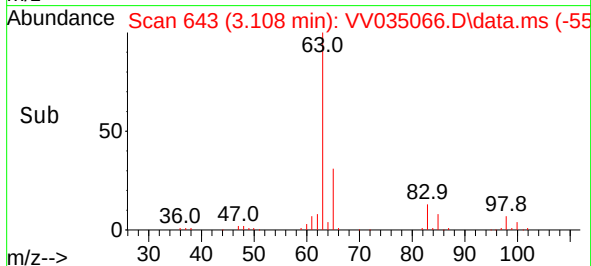
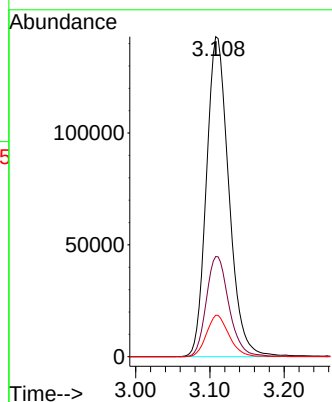
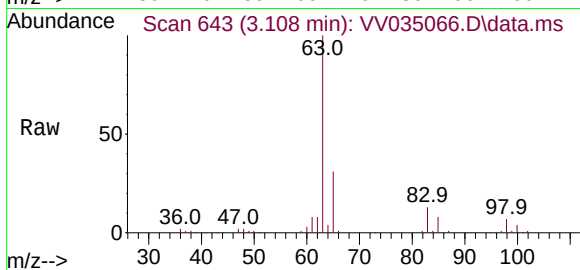
Tgt Ion: 63 Resp: 300360

Ion Ratio Lower Upper

63 100

65 31.3 23.0 42.6

83 12.9 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 50.135 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.003 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

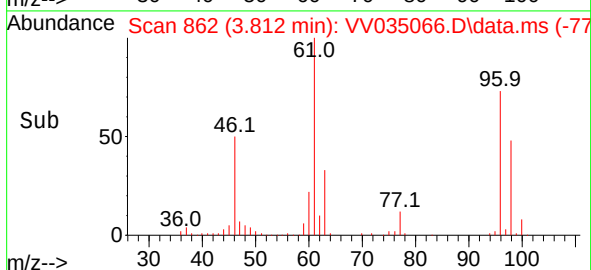
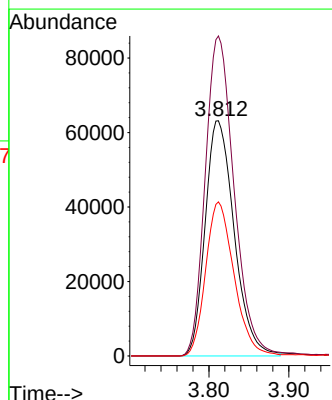
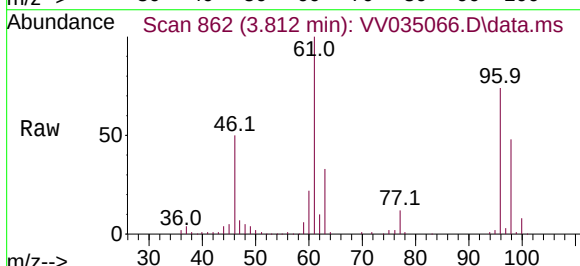
Tgt Ion: 96 Resp: 159674

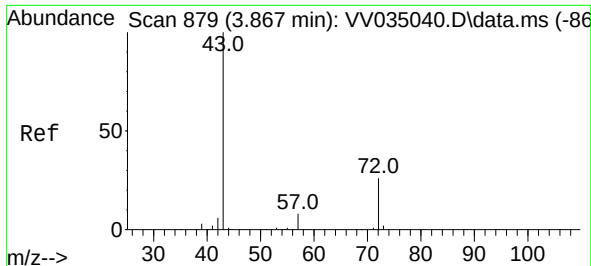
Ion Ratio Lower Upper

96 100

61 136.0 94.9 176.3

98 65.5 45.6 84.8





#22

2-Butanone

Concen: 107.240 ug/L

RT: 3.870 min Scan# 879

Delta R.T. 0.000 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Instrument :

MSVOA_V

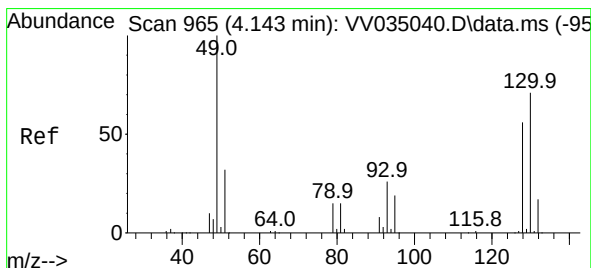
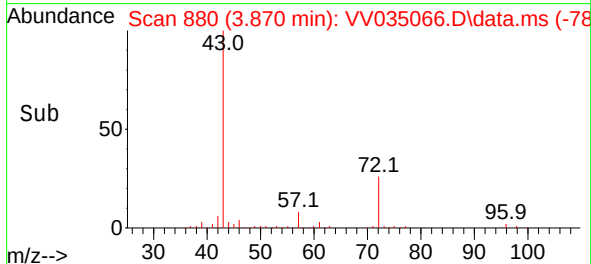
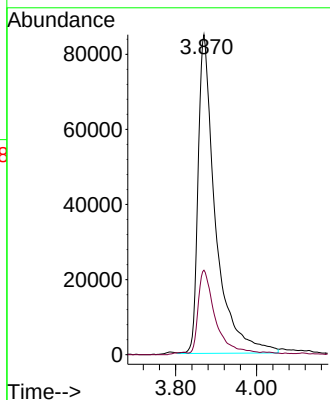
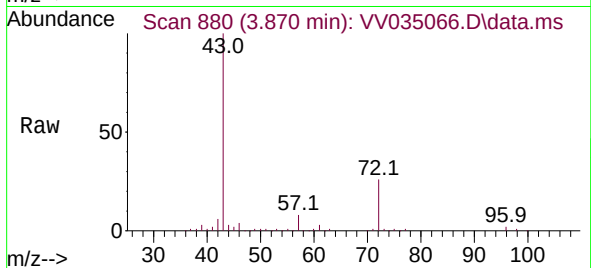
ClientSampleId :

Tgt Ion: 43 Resp: 252935

Ion Ratio Lower Upper

43 100

72 24.7 13.2 39.6



#23

Bromochloromethane

Concen: 50.973 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.003 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Tgt Ion: 128 Resp: 81224

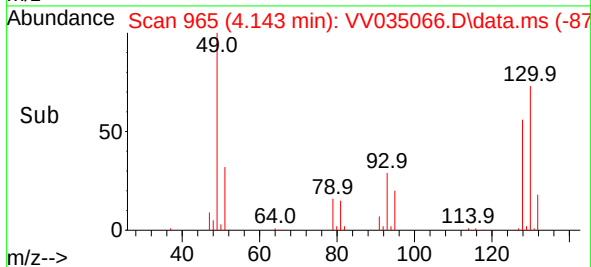
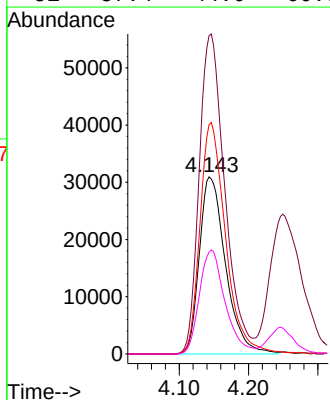
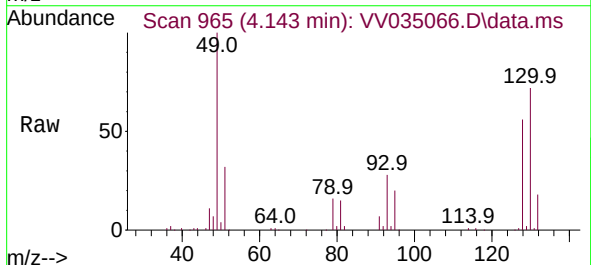
Ion Ratio Lower Upper

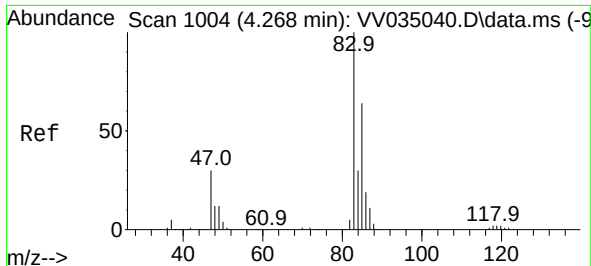
128 100

49 179.7 123.8 229.8

130 129.5 93.2 173.0

51 57.4 44.0 66.0





#25

Chloroform

Concen: 52.140 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Instrument :

MSVOA_V

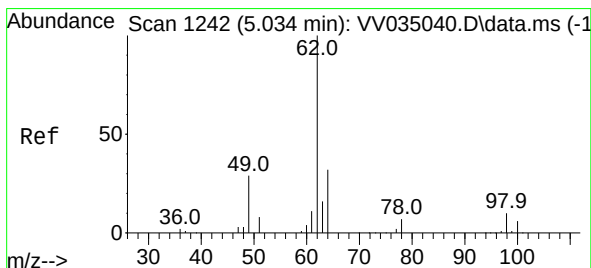
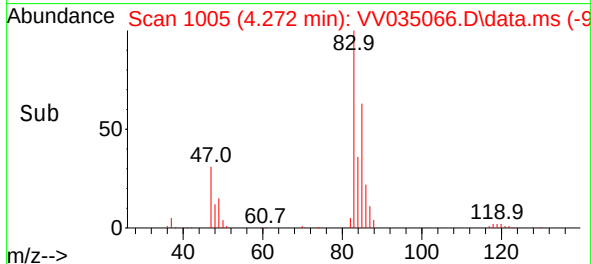
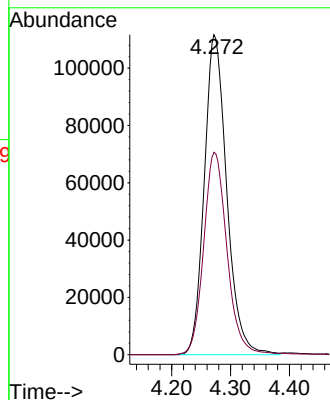
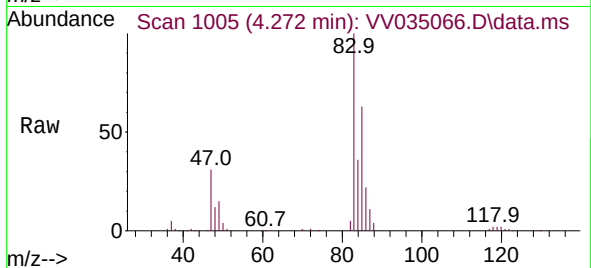
ClientSampleId :

Tgt Ion: 83 Resp: 296494

Ion Ratio Lower Upper

83 100

85 63.3 46.0 85.4



#27

1,2-Dichloroethane

Concen: 51.309 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV035066.D

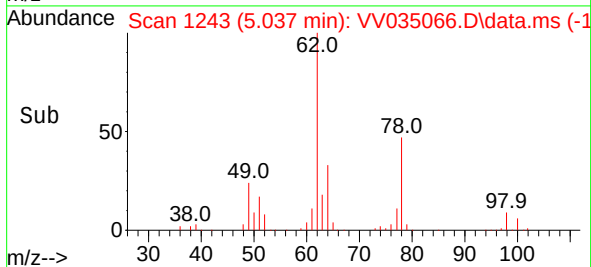
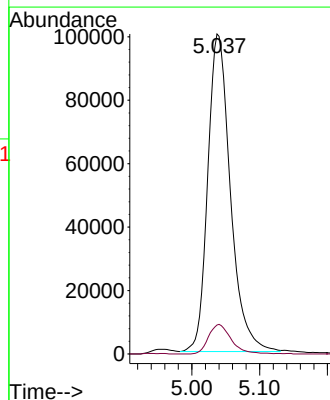
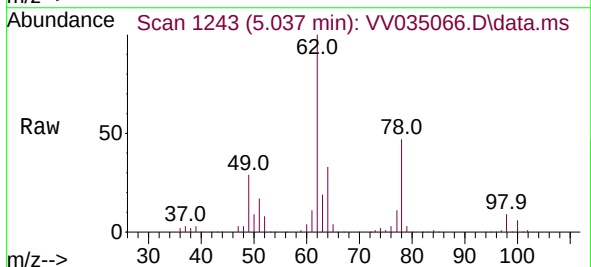
Acq: 08 Apr 2024 19:51

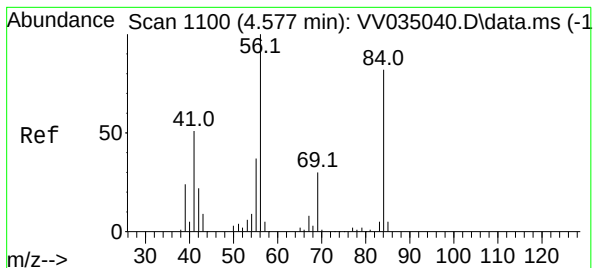
Tgt Ion: 62 Resp: 232303

Ion Ratio Lower Upper

62 100

98 9.0 7.2 10.8





#29

Cyclohexane

Concen: 45.691 ug/L

RT: 4.580 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

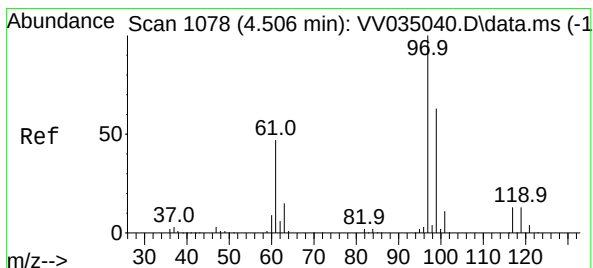
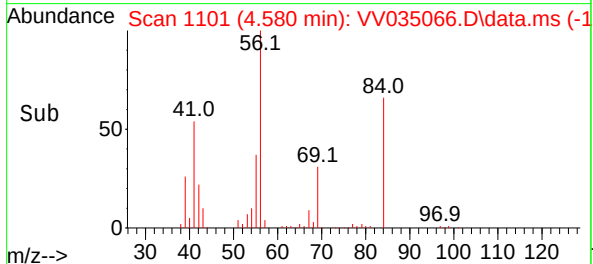
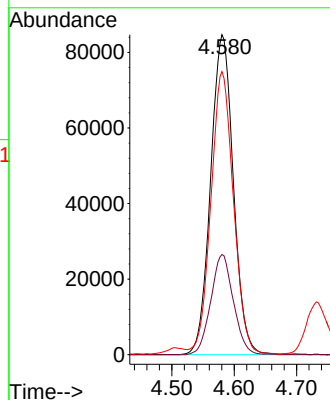
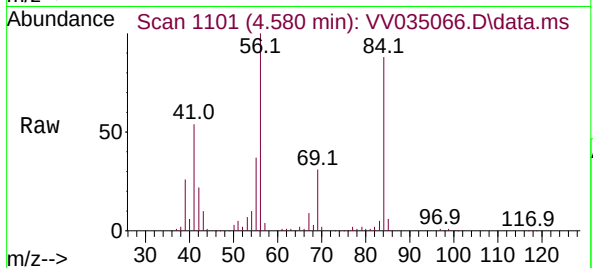
Tgt Ion: 56 Resp: 214415

Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.2

84 87.4 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 50.055 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

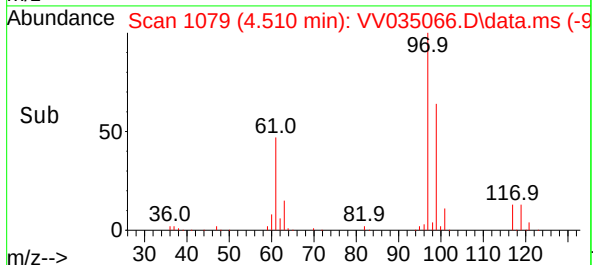
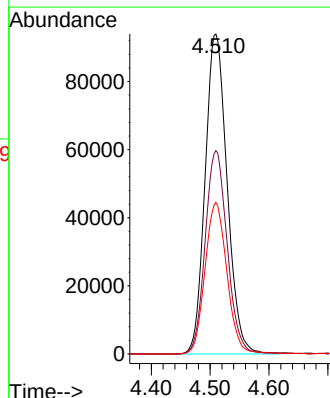
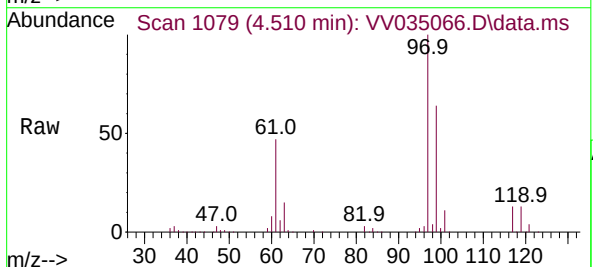
Tgt Ion: 97 Resp: 244458

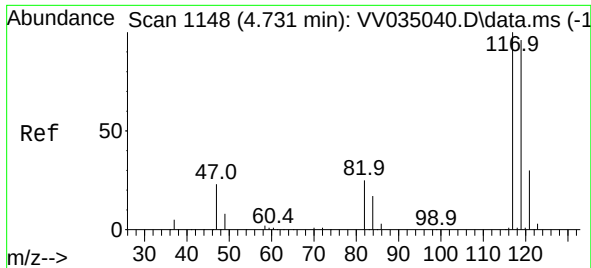
Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.4

61 47.0 36.8 55.2

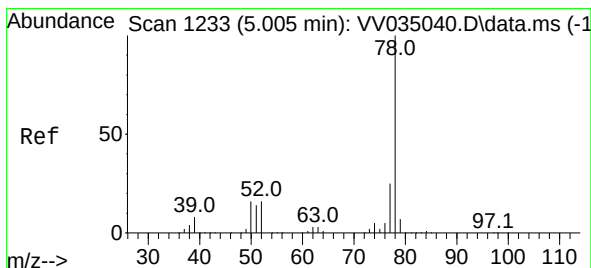
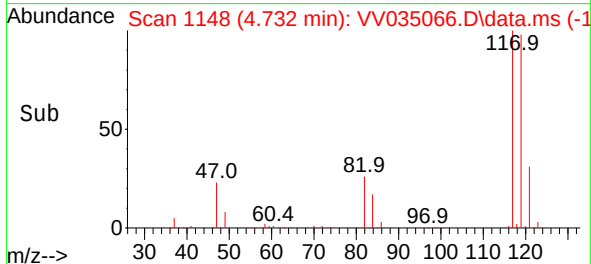
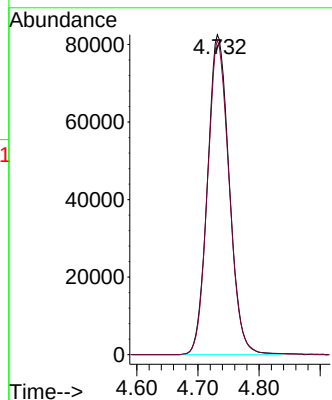
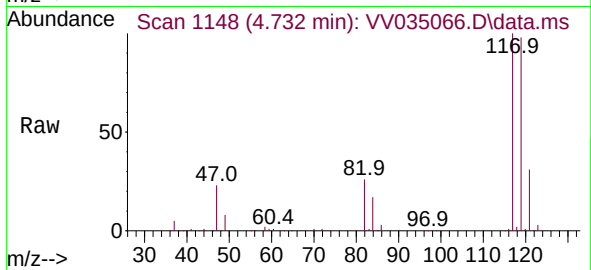




#31
Carbon tetrachloride
Concen: 49.291 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

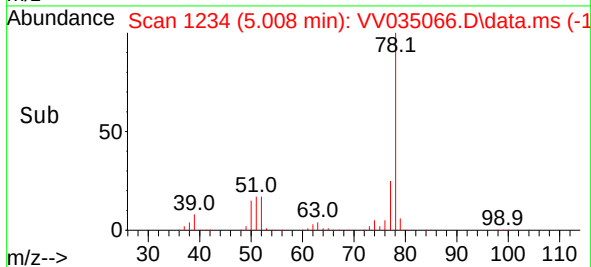
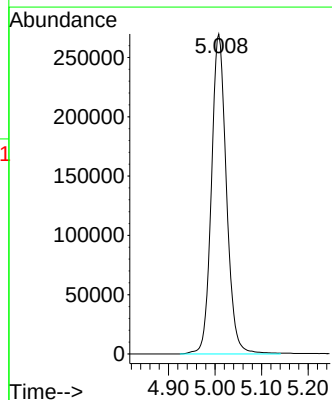
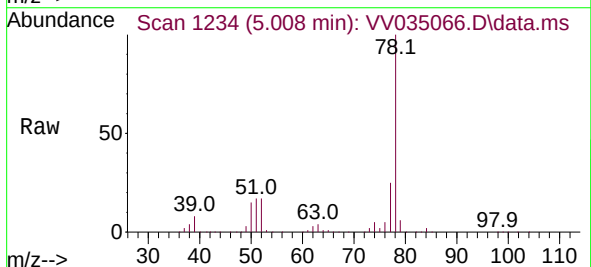
Instrument :
MSVOA_V
ClientSampleId :

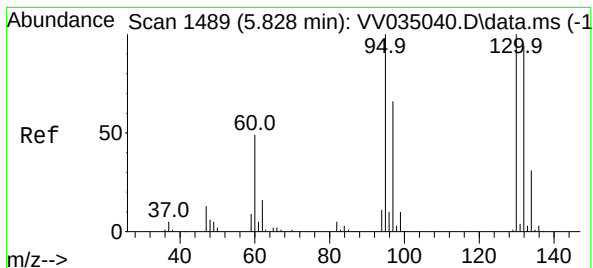
Tgt Ion:117 Resp: 204038
Ion Ratio Lower Upper
117 100
119 97.6 77.1 115.7



#33
Benzene
Concen: 49.603 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

Tgt Ion: 78 Resp: 606019





#34

Trichloroethene

Concen: 46.964 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 154850

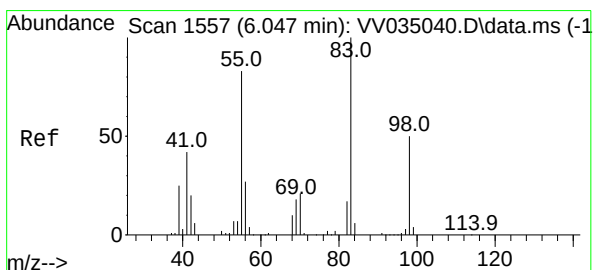
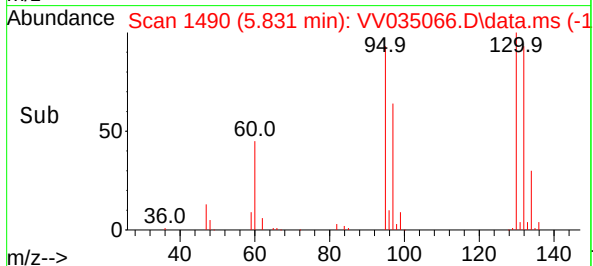
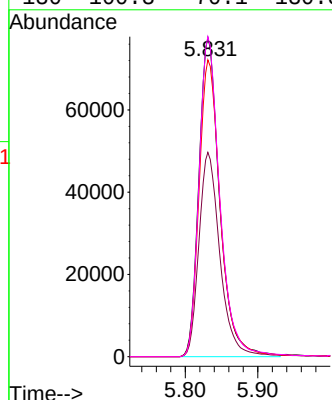
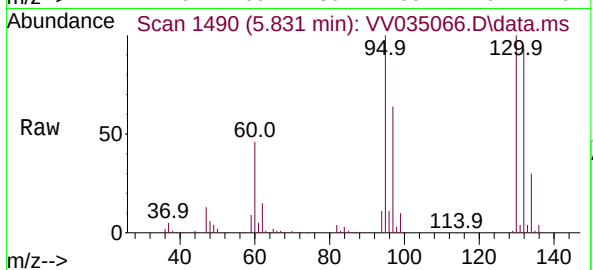
Ion Ratio Lower Upper

95 100

97 64.1 45.3 84.1

132 93.0 65.3 121.3

130 100.3 70.1 130.3



#35

Methylcyclohexane

Concen: 44.819 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

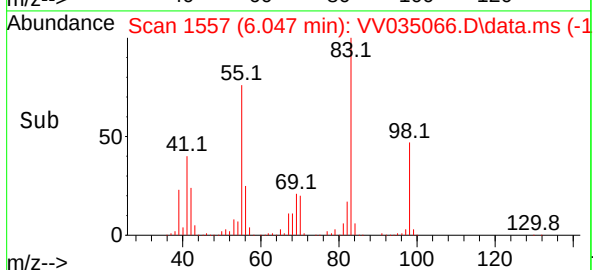
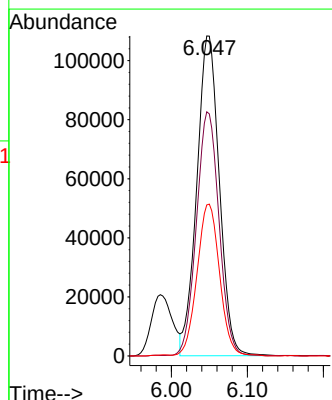
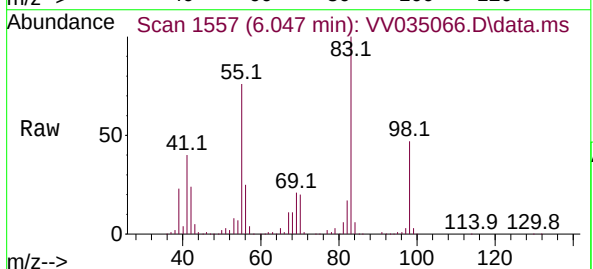
Tgt Ion: 83 Resp: 223180

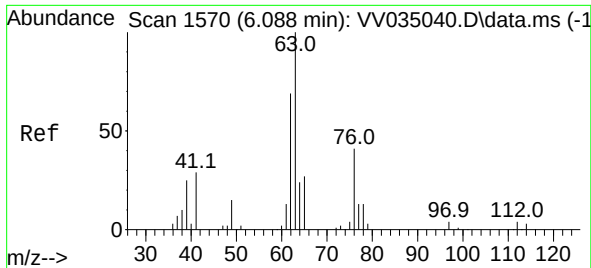
Ion Ratio Lower Upper

83 100

55 76.4 60.0 90.0

98 47.0 37.6 56.4

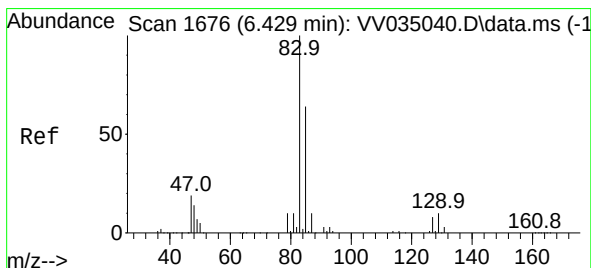
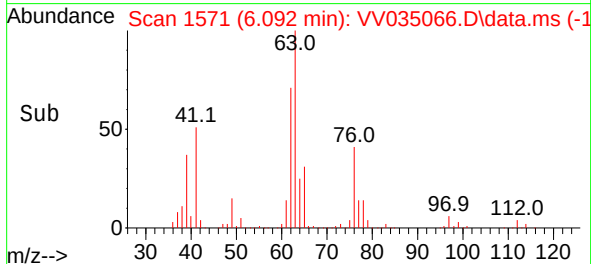
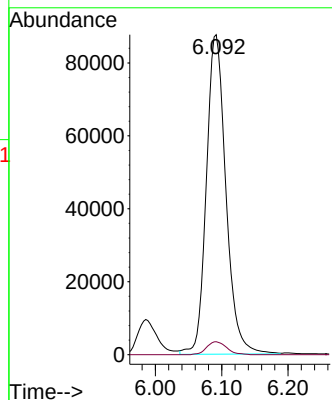
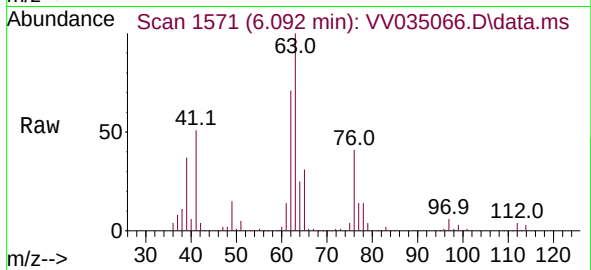




#37
1,2-Dichloropropane
Concen: 53.162 ug/L
RT: 6.092 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

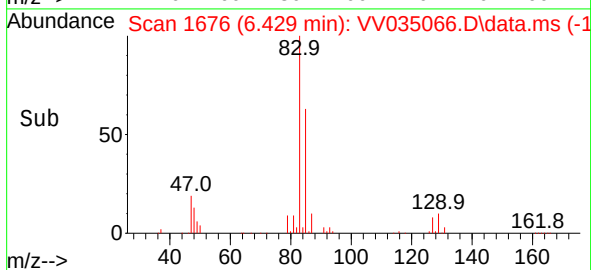
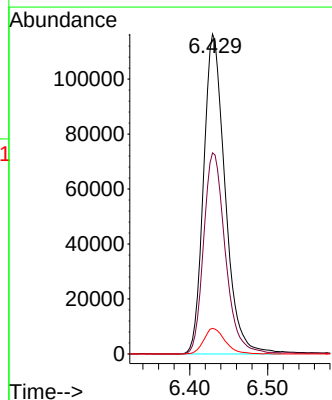
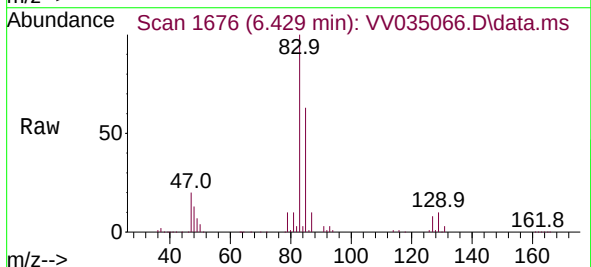
Instrument :
MSVOA_V
ClientSampleId :

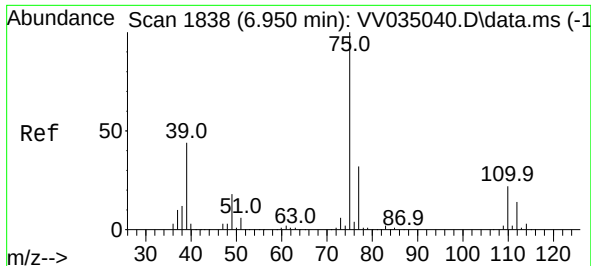
Tgt Ion: 63 Resp: 179494
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 51.319 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

Tgt Ion: 83 Resp: 223562
Ion Ratio Lower Upper
83 100
85 62.9 43.7 81.1
127 8.0 6.4 9.6

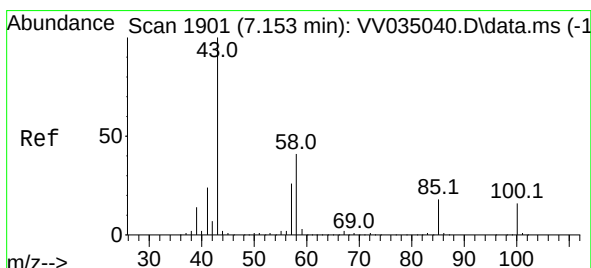
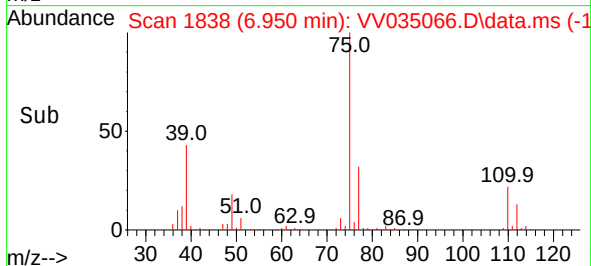
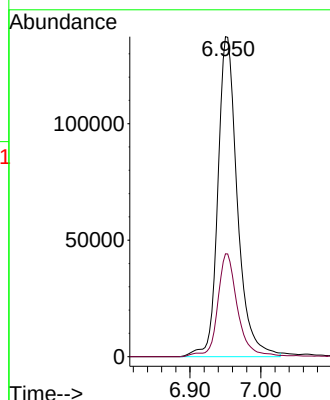
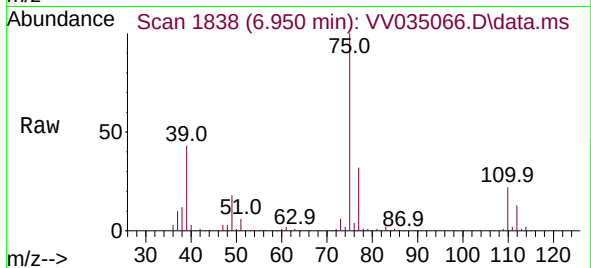




#39
 cis-1,3-Dichloropropene
 Concen: 49.496 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. -0.003 min
 Lab File: VV035066.D
 Acq: 08 Apr 2024 19:51

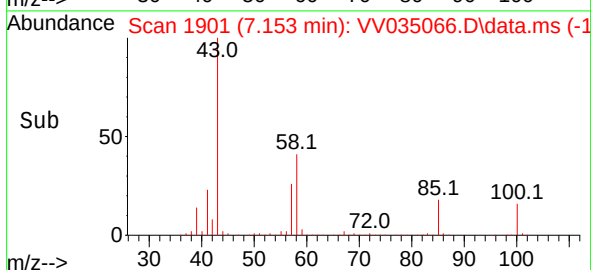
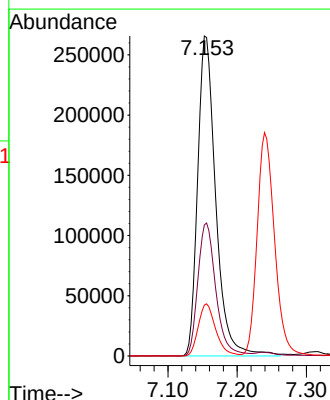
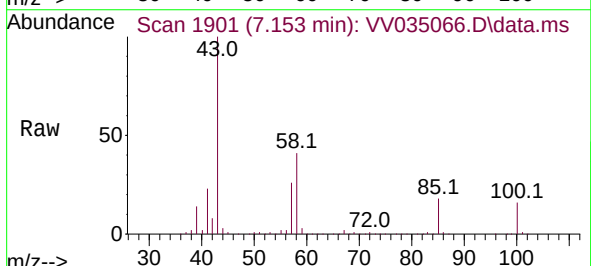
Instrument :
 MSVOA_V
 ClientSampleId :

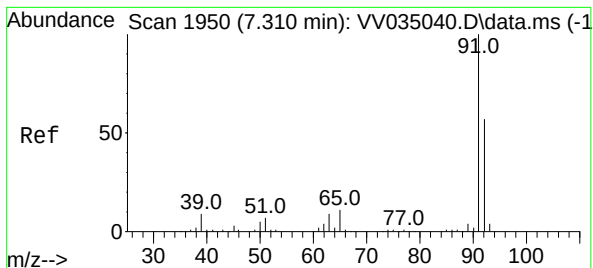
Tgt Ion: 75 Resp: 263257
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 112.077 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.003 min
 Lab File: VV035066.D
 Acq: 08 Apr 2024 19:51

Tgt Ion: 43 Resp: 483139
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.8 50.8
 100 15.8 13.0 19.4





#42

Toluene

Concen: 49.913 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Instrument :

MSVOA_V

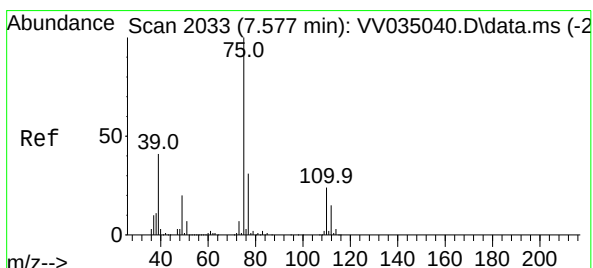
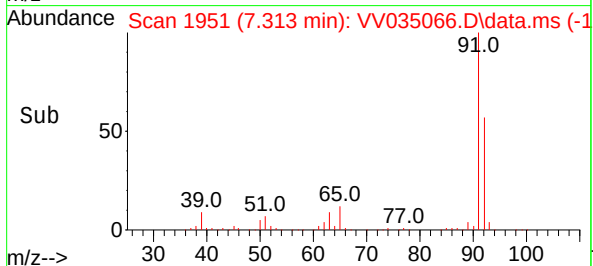
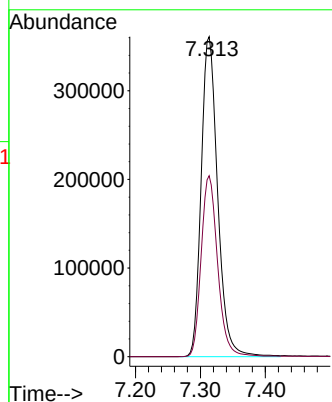
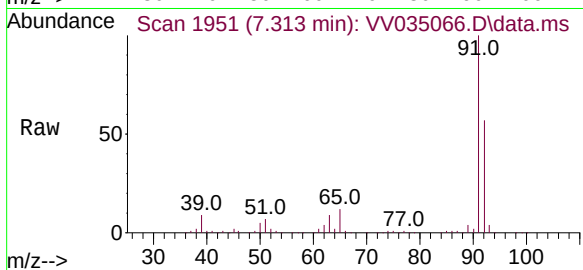
ClientSampleId :

Tgt Ion: 91 Resp: 638429

Ion Ratio Lower Upper

91 100

92 56.6 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 50.437 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV035066.D

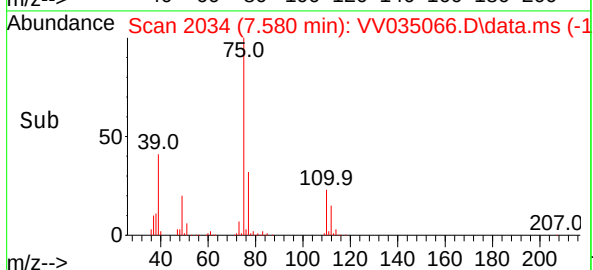
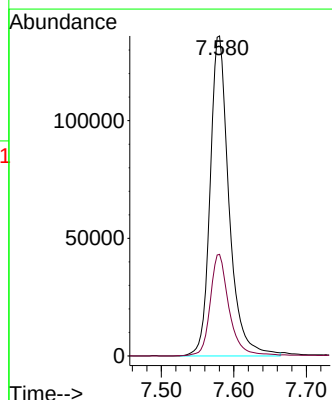
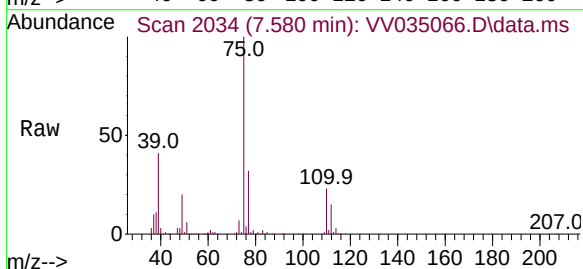
Acq: 08 Apr 2024 19:51

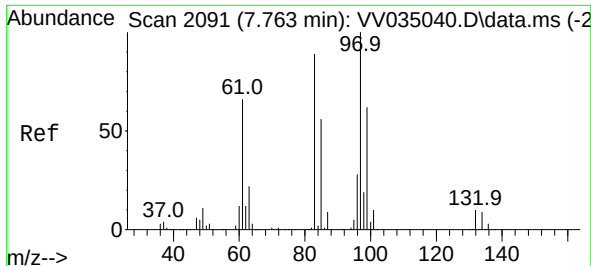
Tgt Ion: 75 Resp: 246460

Ion Ratio Lower Upper

75 100

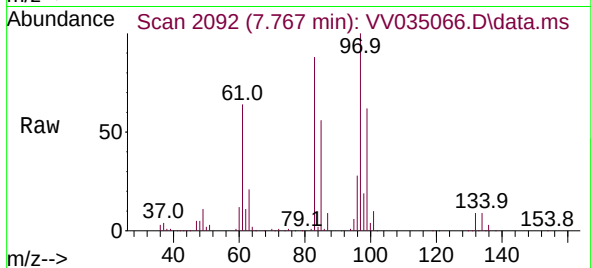
77 31.7 21.7 40.3



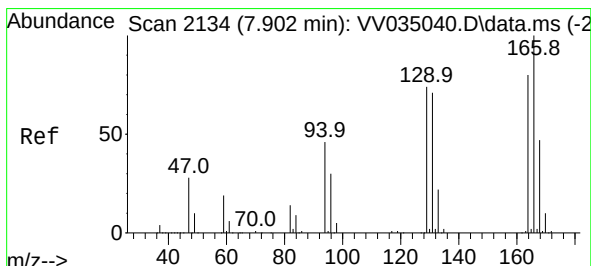
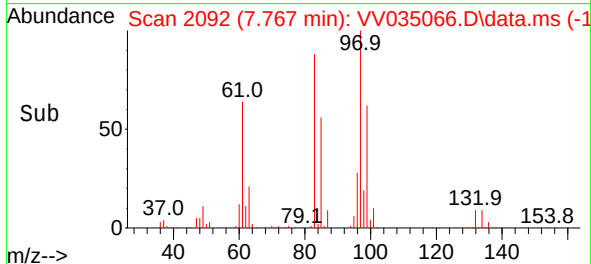
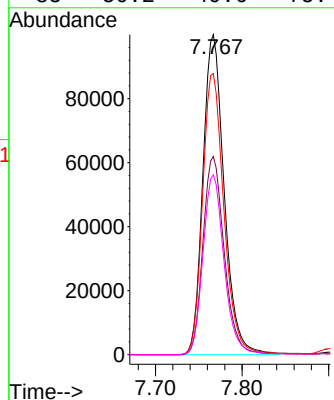


#45
1,1,2-Trichloroethane
Concen: 53.646 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :

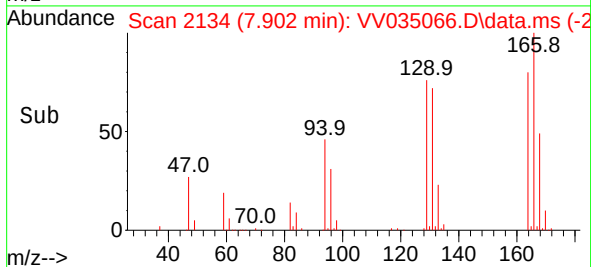
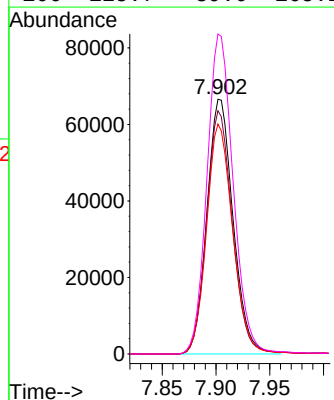
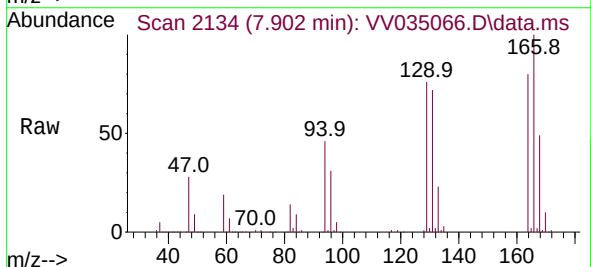


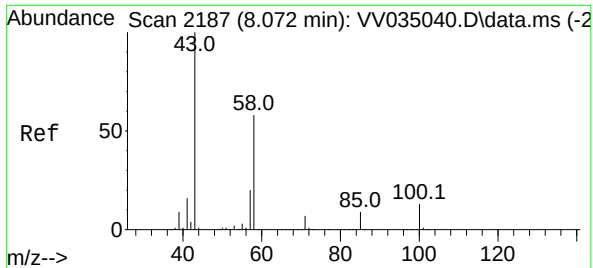
Tgt Ion:	97	Resp:	170719
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.3	80.3
83	87.8	61.6	114.4
85	56.2	40.6	75.4



#46
Tetrachloroethene
Concen: 49.018 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

Tgt Ion:	164	Resp:	112916
Ion	Ratio	Lower	Upper
164	100		
129	95.5	68.6	127.4
131	90.3	65.7	122.1
166	125.7	89.0	165.2

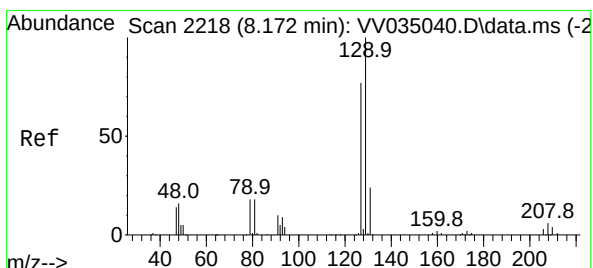
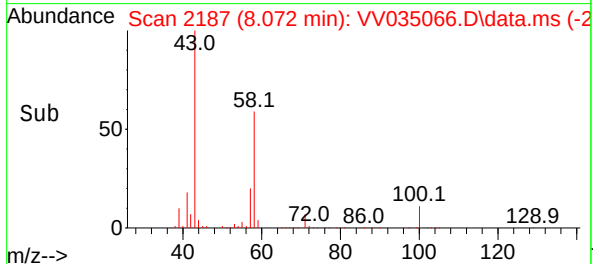
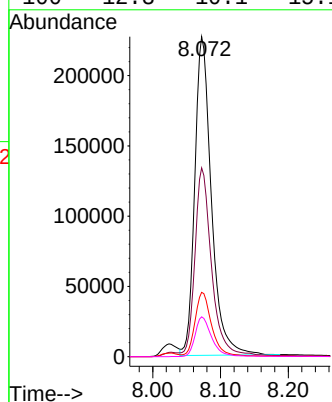
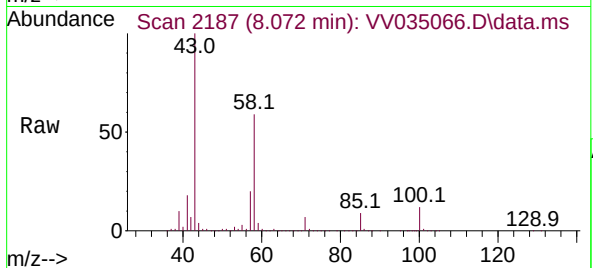




#48
2-Hexanone
Concen: 105.619 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

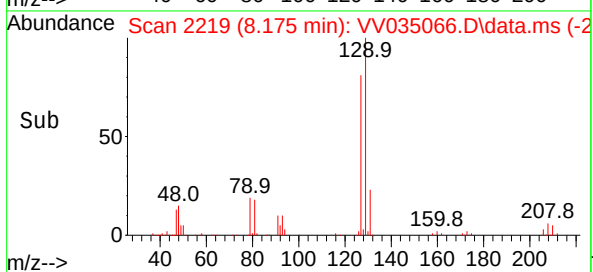
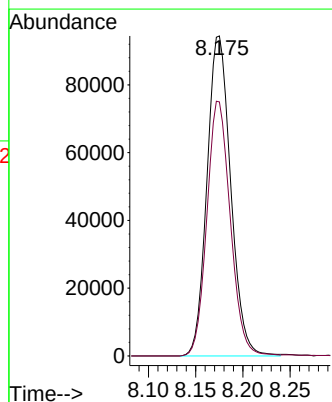
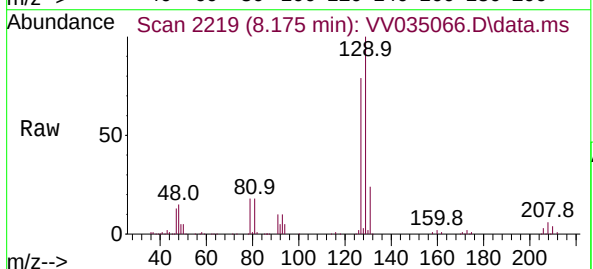
Instrument :
MSVOA_V
ClientSampleId :

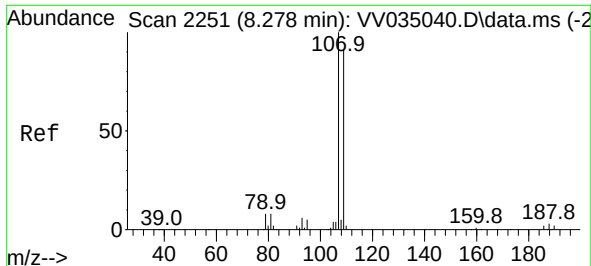
Tgt Ion: 43 Resp: 387237
Ion Ratio Lower Upper
43 100
58 58.9 45.4 68.2
57 19.7 16.2 24.4
100 12.3 10.1 15.1



#49
Dibromochloromethane
Concen: 52.282 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

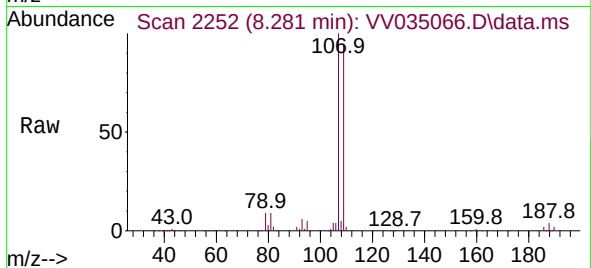
Tgt Ion: 129 Resp: 164786
Ion Ratio Lower Upper
129 100
127 79.4 54.1 100.5



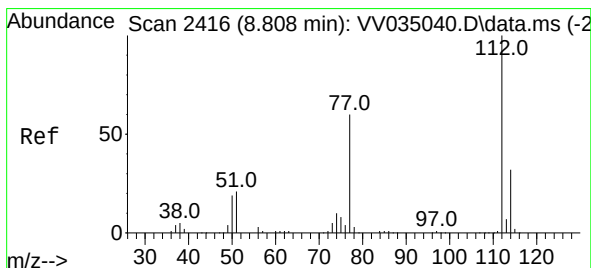
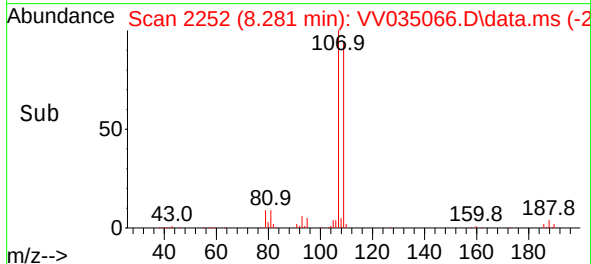
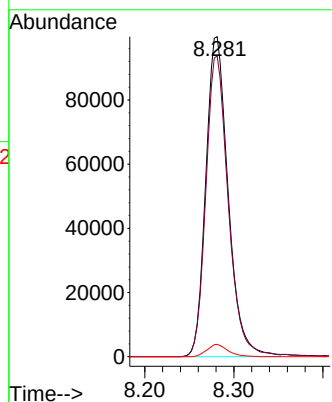


#50
1,2-Dibromoethane
Concen: 50.666 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :

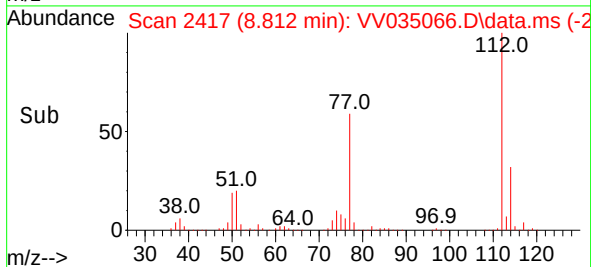
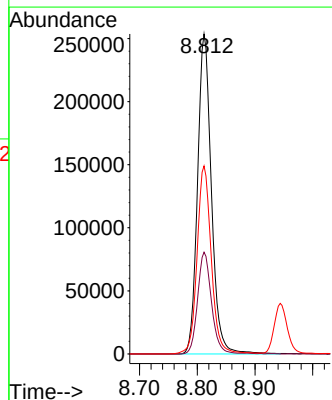
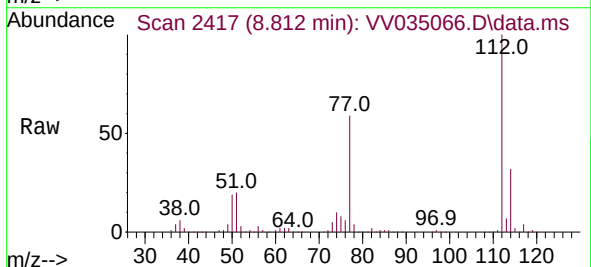


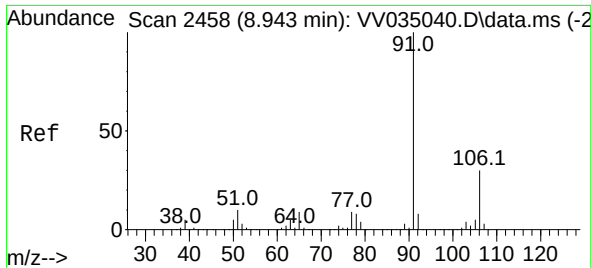
Tgt Ion:107 Resp: 173588
Ion Ratio Lower Upper
107 100
109 94.0 64.5 119.9
188 3.9 2.8 4.2



#51
Chlorobenzene
Concen: 51.015 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

Tgt Ion:112 Resp: 422912
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 58.8 47.4 71.2

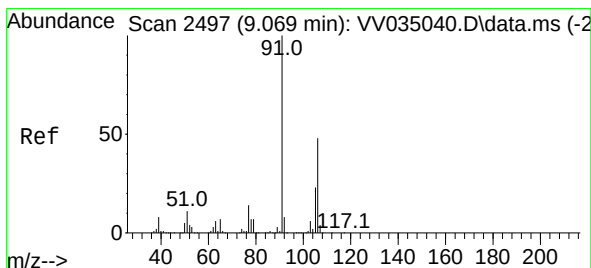
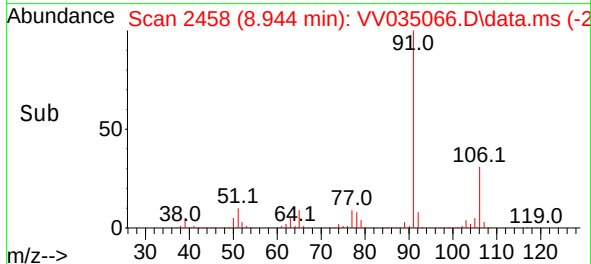
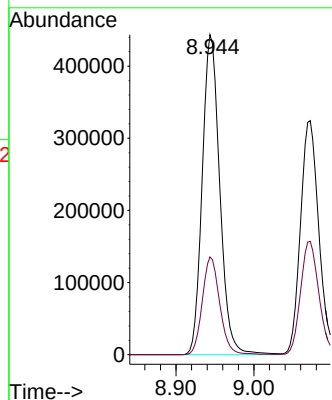
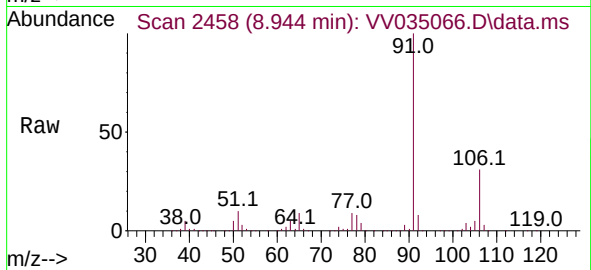




#52
Ethylbenzene
Concen: 48.908 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

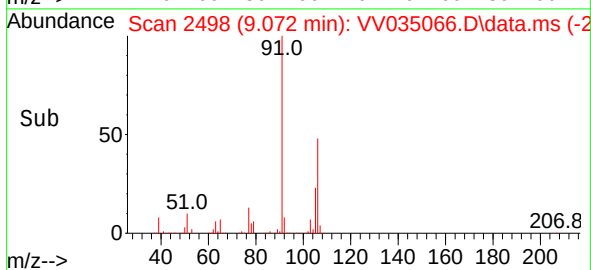
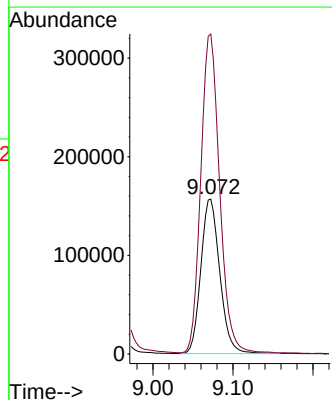
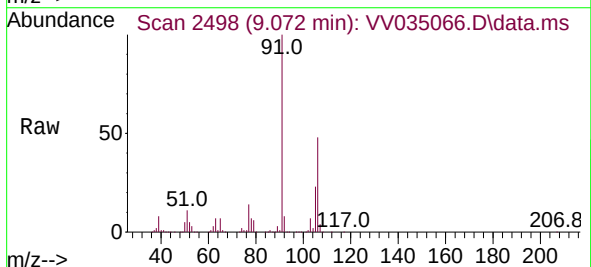
Instrument :
MSVOA_V
ClientSampleId :

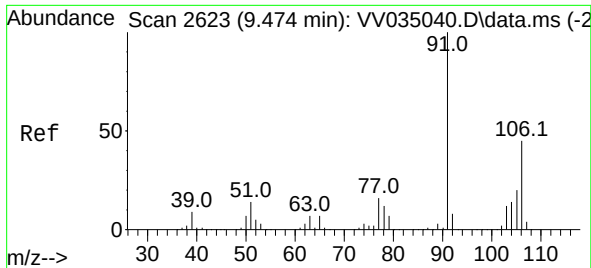
Tgt Ion: 91 Resp: 693315
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 49.422 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

Tgt Ion: 106 Resp: 258006
Ion Ratio Lower Upper
106 100
91 206.6 144.8 269.0

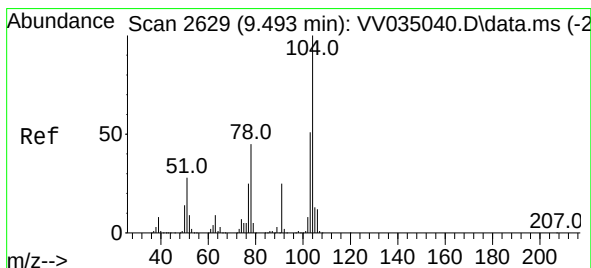
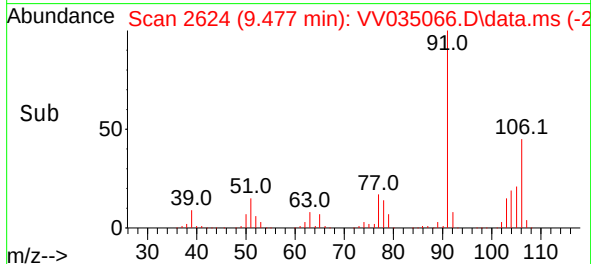
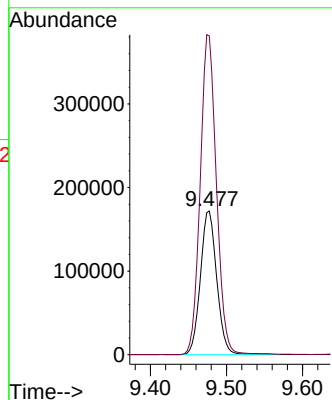
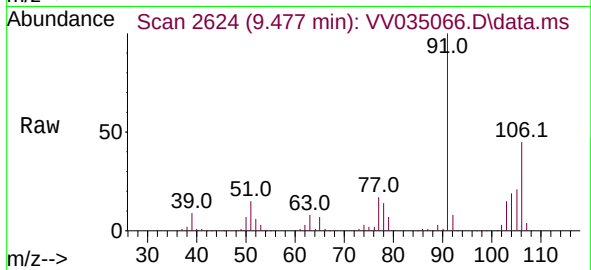




#54
o-Xylene
Concen: 49.667 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

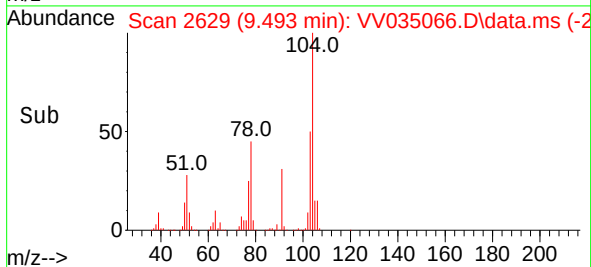
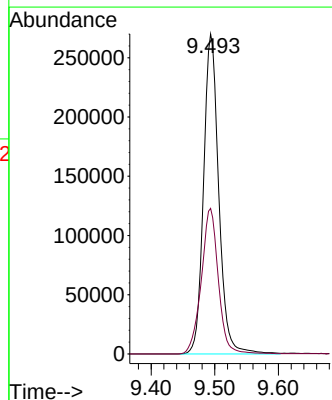
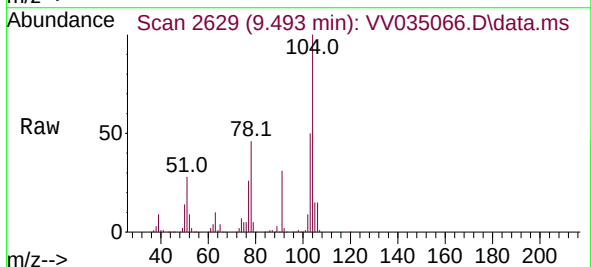
Instrument :
MSVOA_V
ClientSampleId :

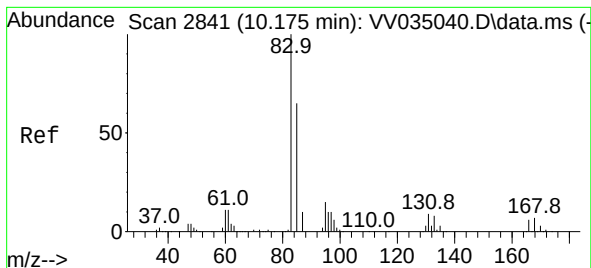
Tgt Ion:106 Resp: 256546
Ion Ratio Lower Upper
106 100
91 221.8 151.3 280.9



#55
Styrene
Concen: 51.344 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

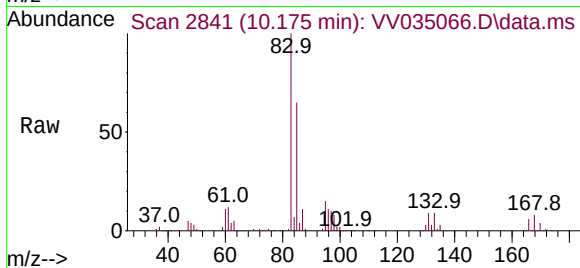
Tgt Ion:104 Resp: 448177
Ion Ratio Lower Upper
104 100
78 45.5 31.5 58.5



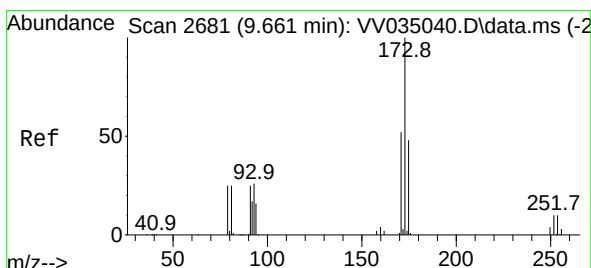
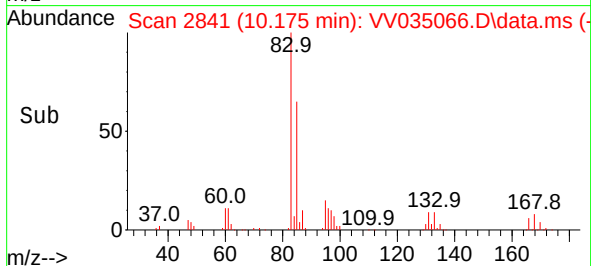
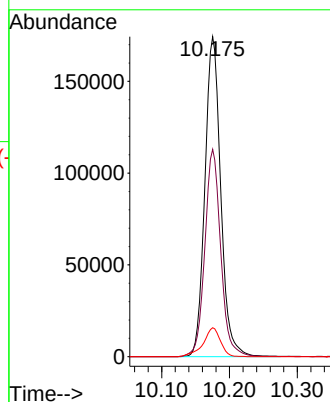


#57
1,1,2,2-Tetrachloroethane
Concen: 54.953 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :

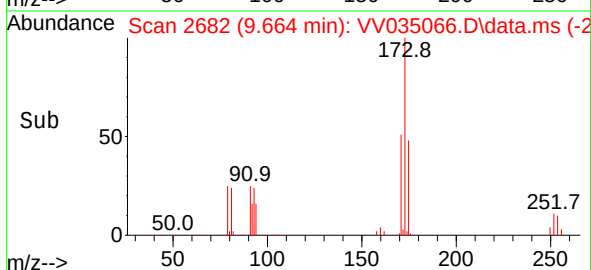
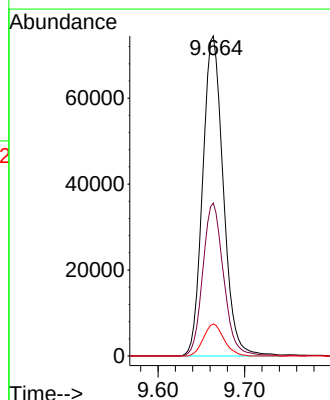
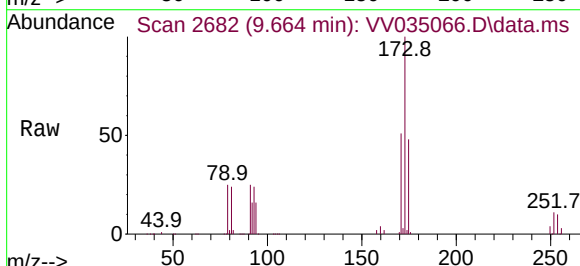


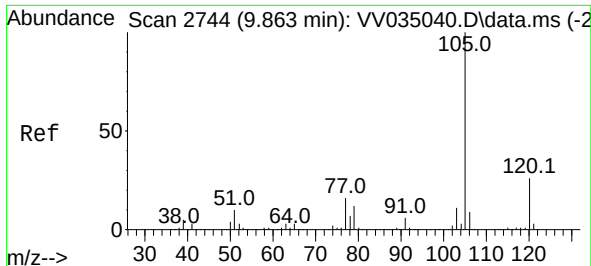
Tgt Ion: 83 Resp: 283346
Ion Ratio Lower Upper
83 100
85 64.8 44.5 82.7
131 9.0 6.9 10.3



#59
Bromoform
Concen: 56.375 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

Tgt Ion: 173 Resp: 123128
Ion Ratio Lower Upper
173 100
175 48.2 39.3 58.9
254 9.9 7.5 11.3

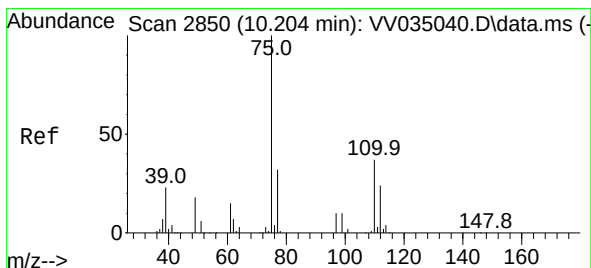
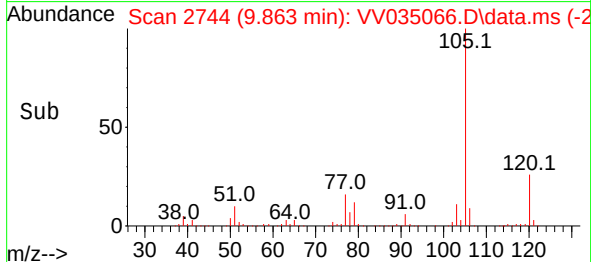
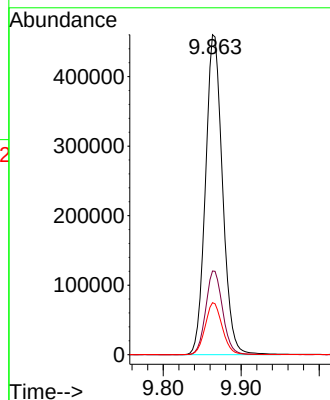
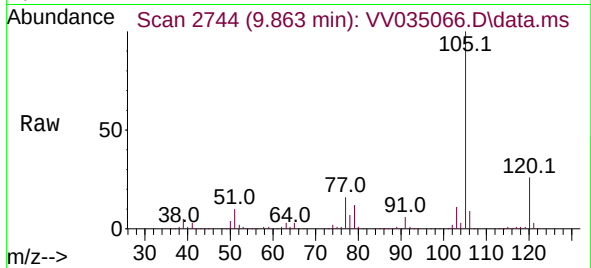




#60
Isopropylbenzene
Concen: 50.841 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

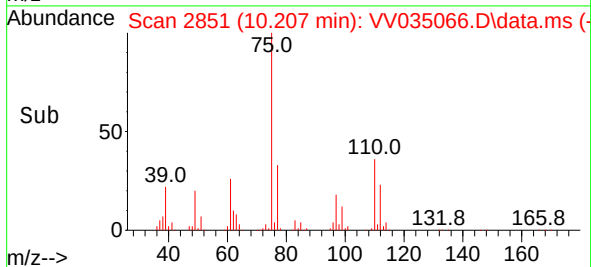
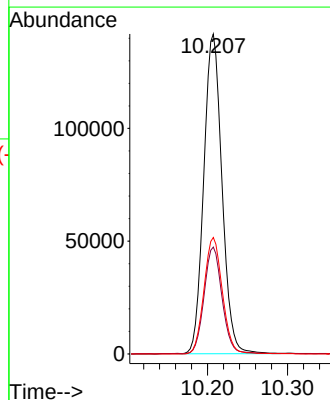
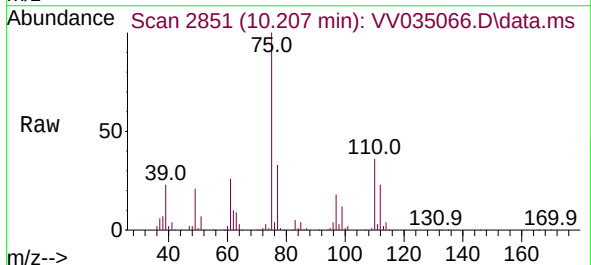
Instrument :
MSVOA_V
ClientSampleId :

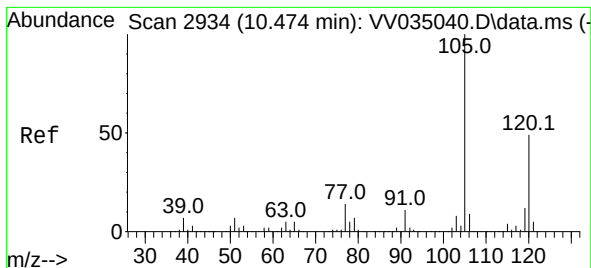
Tgt Ion:105 Resp: 698540
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 54.579 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

Tgt Ion: 75 Resp: 225408
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0
110 36.8 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 50.598 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Instrument :

MSVOA_V

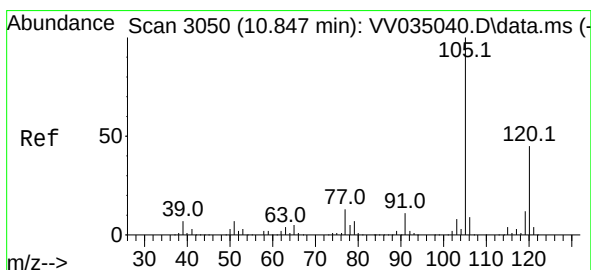
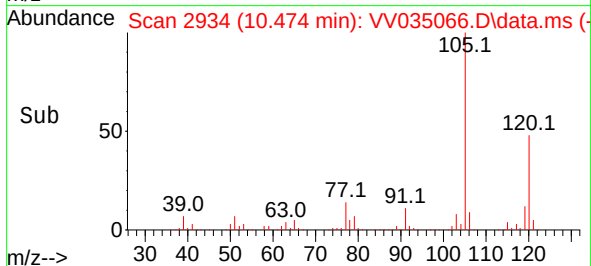
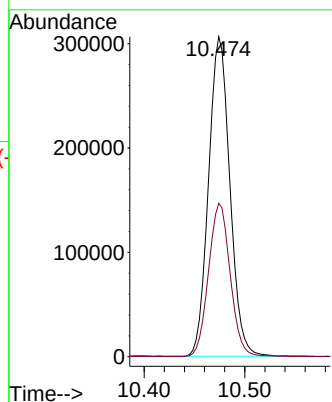
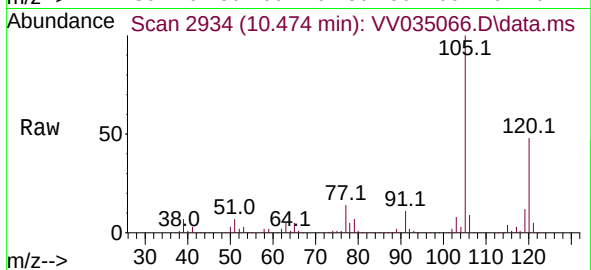
ClientSampleId :

Tgt Ion:105 Resp: 451500

Ion Ratio Lower Upper

105 100

120 48.7 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 51.332 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035066.D

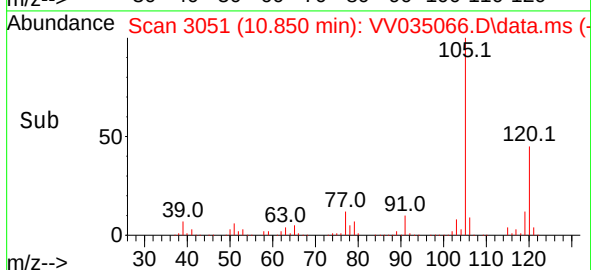
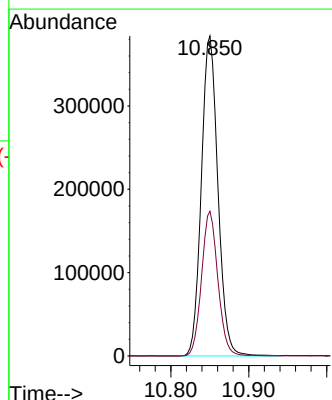
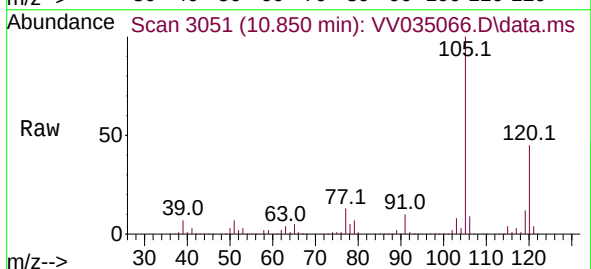
Acq: 08 Apr 2024 19:51

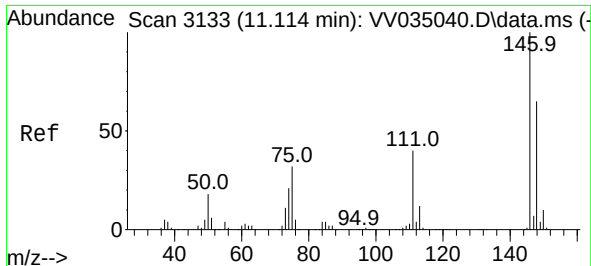
Tgt Ion:105 Resp: 566319

Ion Ratio Lower Upper

105 100

120 44.7 35.9 53.9

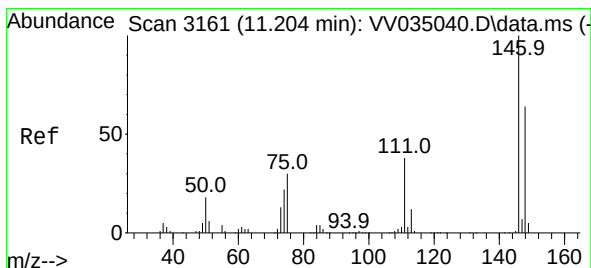
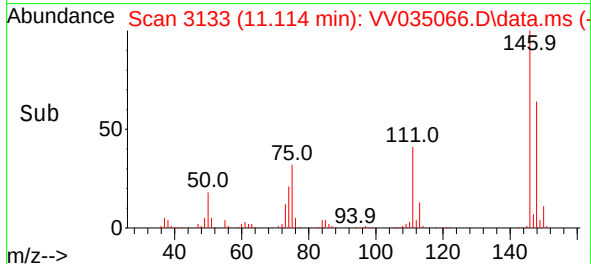
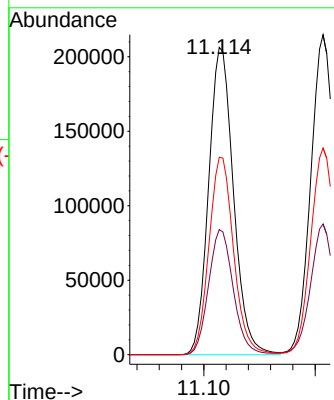
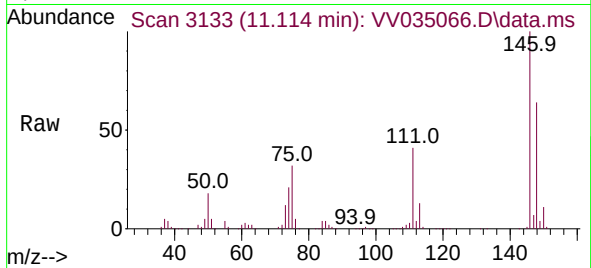




#64
1,3-Dichlorobenzene
Concen: 49.820 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

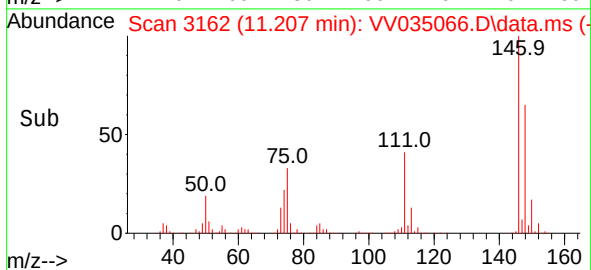
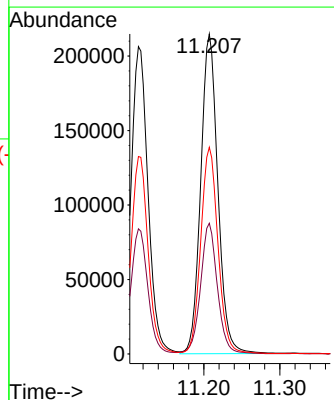
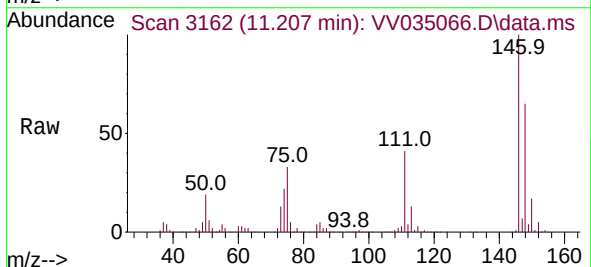
Instrument :
MSVOA_V
ClientSampleId :

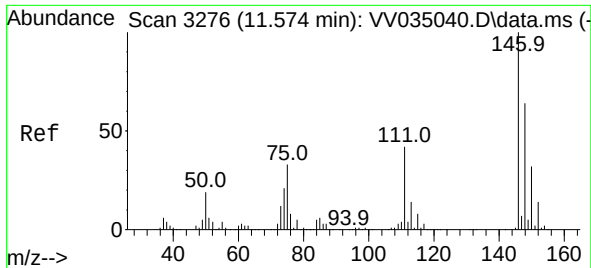
Tgt Ion:146 Resp: 319886
Ion Ratio Lower Upper
146 100
111 40.7 28.7 53.3
148 64.2 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 51.551 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035066.D
Acq: 08 Apr 2024 19:51

Tgt Ion:146 Resp: 336604
Ion Ratio Lower Upper
146 100
111 40.8 27.4 50.8
148 64.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 53.128 ug/L

RT: 11.577 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

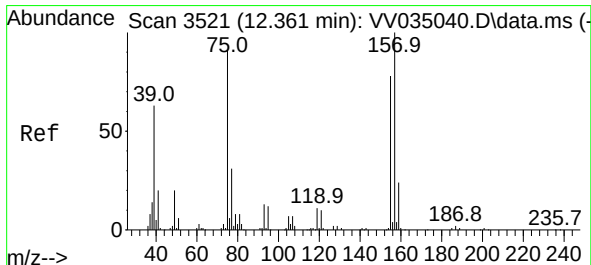
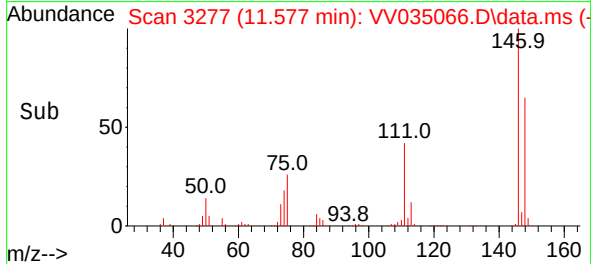
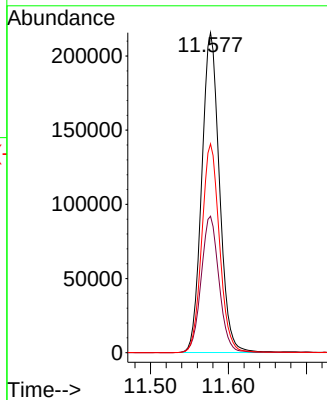
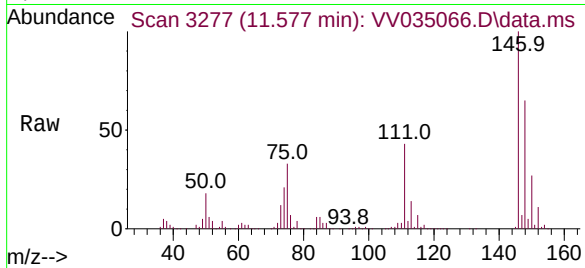
Tgt Ion:146 Resp: 339822

Ion Ratio Lower Upper

146 100

111 42.7 34.6 52.0

148 65.3 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 53.075 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

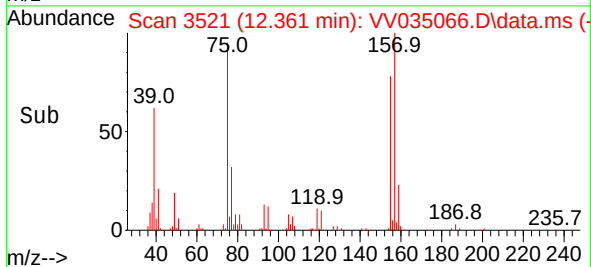
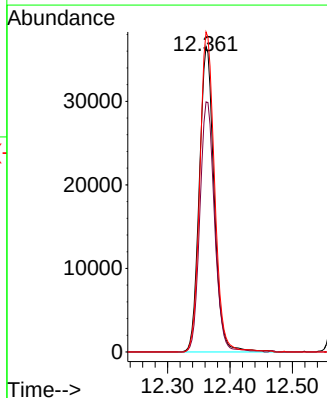
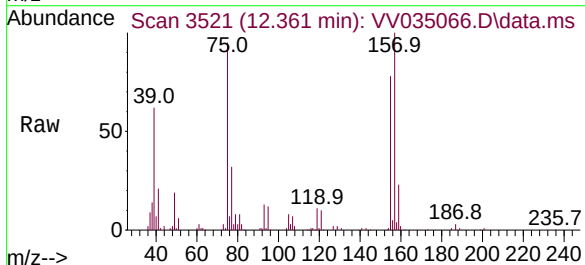
Tgt Ion: 75 Resp: 60389

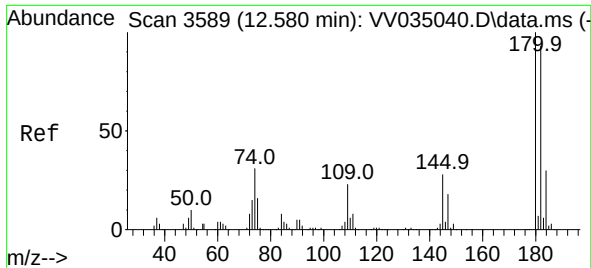
Ion Ratio Lower Upper

75 100

155 81.9 63.0 94.6

157 104.7 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 49.059 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

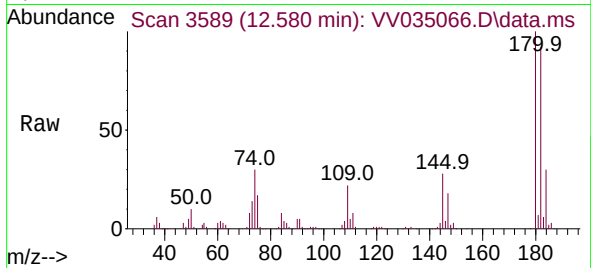
Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 227025

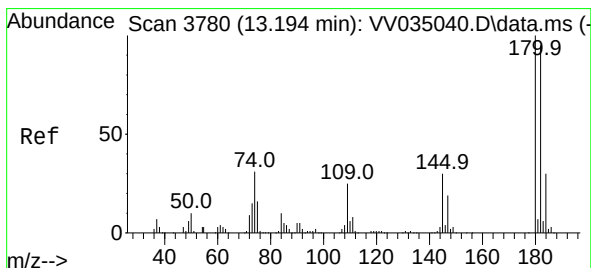
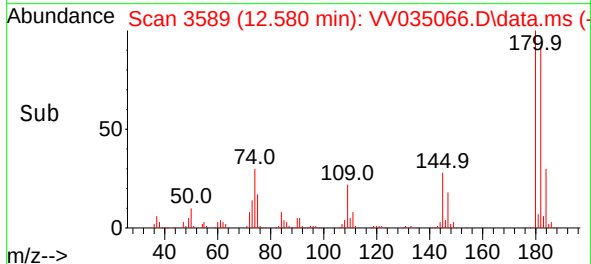
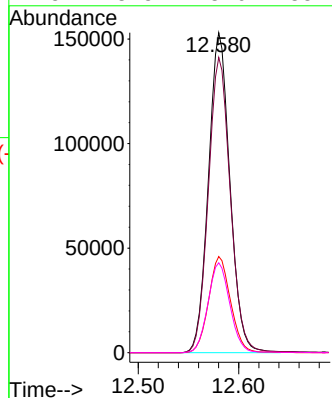
Ion Ratio Lower Upper

180 100

182 94.5 74.7 112.1

184 30.7 24.0 36.0

145 28.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 50.266 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

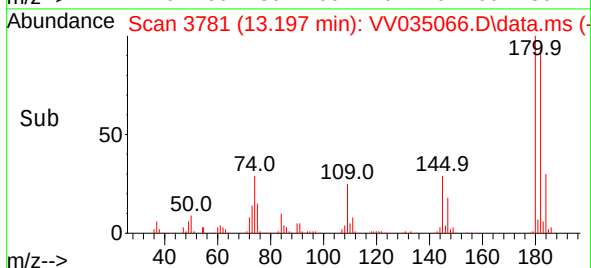
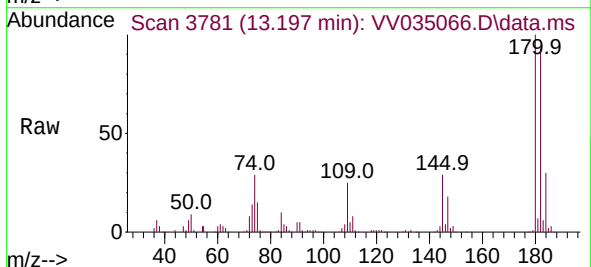
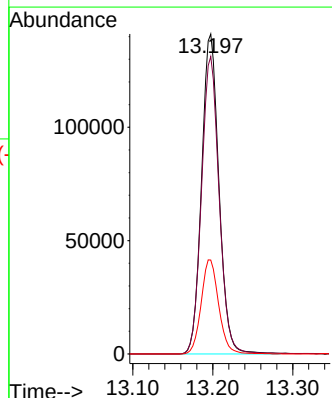
Tgt Ion:180 Resp: 213668

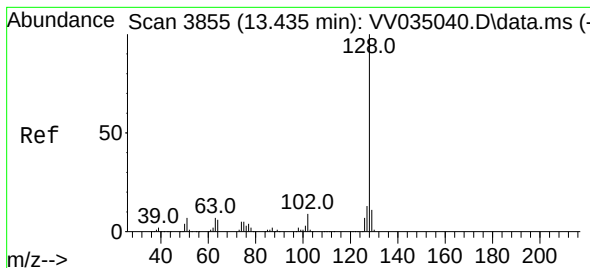
Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

145 29.7 24.1 36.1





#71

Naphthalene

Concen: 41.683 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

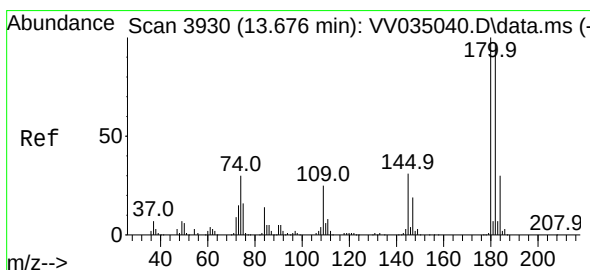
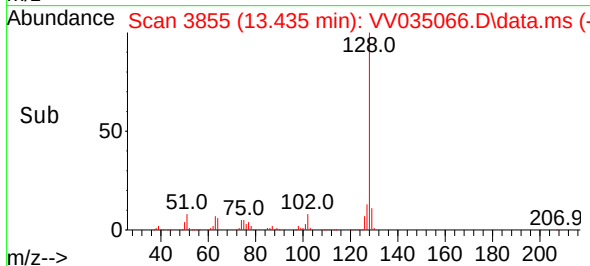
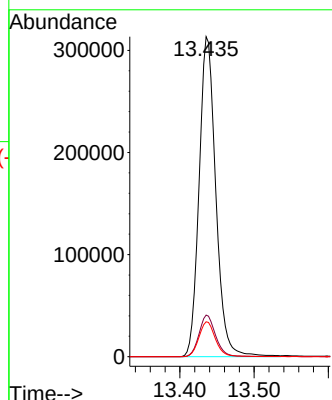
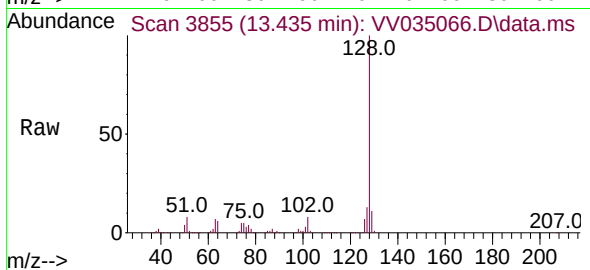
Tgt Ion:128 Resp: 491576

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.467 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. -0.003 min

Lab File: VV035066.D

Acq: 08 Apr 2024 19:51

Tgt Ion:180 Resp: 211460

Ion Ratio Lower Upper

180 100

182 93.9 76.2 114.2

145 31.2 25.8 38.6

