

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052524\
 Data File : VW035830.D
 Acq On : 26 May 2024 04:44
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 07:20:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 05:15:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	518229	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	539317	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	288185	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	187970	23.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.880%
7) Chloroethane-d5	1.526	69	150791	23.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.360%
11) 1,1-Dichloroethene-d2	2.050	65	79844	22.516	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.080%
21) 2-Butanone-d5	3.854	46	41979	18.468	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.940%
24) Chloroform-d	4.243	84	358508	23.270	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.080%
26) 1,2-Dichloroethane-d4	4.937	65	188088	24.695	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.760%
32) Benzene-d6	4.954	84	691781	23.433	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.720%
36) 1,2-Dichloropropane-d6	5.986	67	217546	23.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	7.240	98	629587	23.962	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.840%
43) trans-1,3-Dichloroprop...	7.551	79	77947	20.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.000%
47) 2-Hexanone-d5	8.031	63	49456	30.188	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.380%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	178504	20.333	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.320%
66) 1,2-Dichlorobenzene-d4	11.558	152	224969	22.494	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	167639	15.911	ug/L	99
3) Chloromethane	1.211	50	178506	16.875	ug/L	98
5) Vinyl chloride	1.275	62	197151	18.040	ug/L	100
6) Bromomethane	1.481	94	123835	17.896	ug/L	99
8) Chloroethane	1.542	64	134960	20.033	ug/L	98
9) Trichlorofluoromethane	1.706	101	269787	18.913	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	192367	21.374	ug/L	100
12) 1,1-Dichloroethene	2.063	96	173240	21.310	ug/L	92
13) Acetone	2.384	43	121800	36.604	ug/L	70
14) Carbon disulfide	2.233	76	390972	15.184	ug/L	99
15) Methyl Acetate	2.384	43	129473	25.682	ug/L	91
16) Methylene chloride	2.442	84	257898	21.581	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	182094	20.177	ug/L	99
18) Methyl tert-butyl Ether	2.700	73	565977	25.999	ug/L	99
19) 1,1-Dichloroethane	3.105	63	406090	24.002	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	221132	22.603	ug/L	98
22) 2-Butanone	3.909	43	22642	7.327	ug/L #	1
23) Bromochloromethane	4.140	128	115281	24.362	ug/L	98
25) Chloroform	4.269	83	440988	25.241	ug/L	99

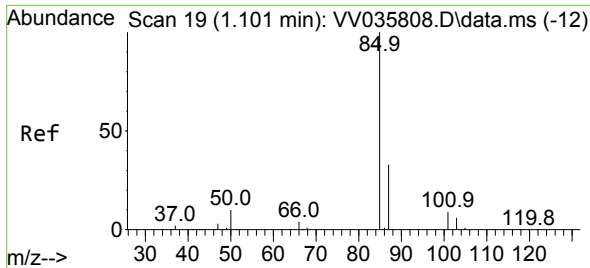
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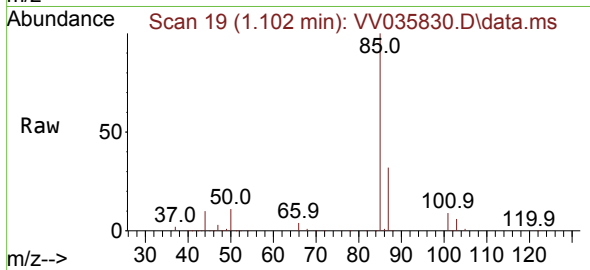
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	278912	25.637	ug/L	100
29) Cyclohexane	4.577	56	219528	17.022	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	331204	22.148	ug/L	99
31) Carbon tetrachloride	4.728	117	278169	21.201	ug/L	99
33) Benzene	5.005	78	836794	23.444	ug/L	100
34) Trichloroethene	5.828	95	241055	23.875	ug/L	99
35) Methylcyclohexane	6.047	83	263822	17.211	ug/L	98
37) 1,2-Dichloropropane	6.088	63	243399	26.137	ug/L	100
38) Bromodichloromethane	6.429	83	325540	25.805	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	300696	20.644	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	281130	50.406	ug/L	97
42) Toluene	7.310	91	890580	23.576	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	269486	21.150	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	210274	26.574	ug/L	99
46) Tetrachloroethene	7.902	164	161798	19.725	ug/L	99
48) 2-Hexanone	8.079	43	151263	36.172	ug/L	98
49) Dibromochloromethane	8.175	129	233430	26.145	ug/L	99
50) 1,2-Dibromoethane	8.281	107	197255	25.305	ug/L	98
51) Chlorobenzene	8.812	112	617121	23.545	ug/L	100
52) Ethylbenzene	8.944	91	966706	23.179	ug/L	99
53) m,p-Xylene	9.069	106	366325	23.151	ug/L	100
54) o-Xylene	9.474	106	360670	24.050	ug/L	99
55) Styrene	9.494	104	682430	26.090	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	216427	22.454	ug/L	99
59) Bromoform	9.664	173	159672	28.193	ug/L	99
60) Isopropylbenzene	9.863	105	964462	25.124	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	193036	28.585	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	781787	25.960	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	799856	25.846	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	508159	25.224	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	523464	25.099	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	492615	25.976	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	39626	25.301	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	322020	20.455	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	262015	19.932	ug/L	99
71) Naphthalene	13.435	128	558560	24.203	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	274928	23.248	ug/L	99

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

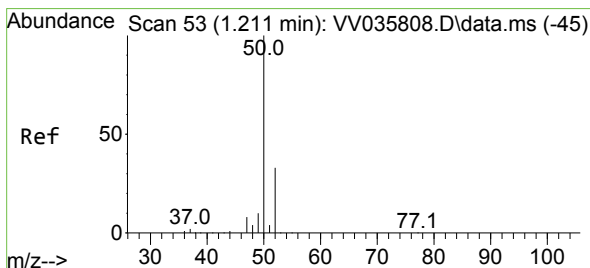
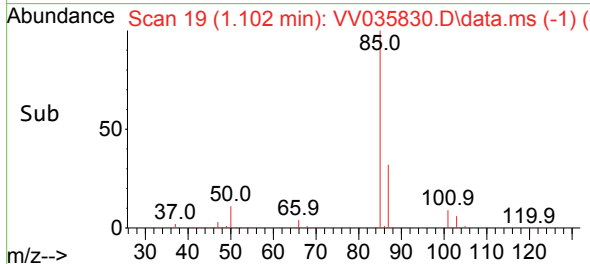
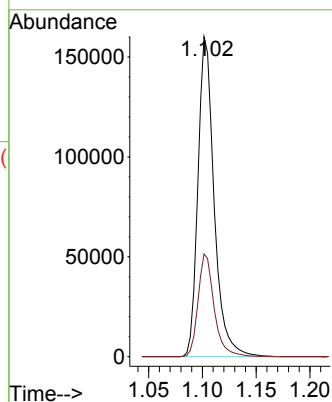


#2
Dichlorodifluoromethane
Concen: 15.911 ug/L
RT: 1.102 min Scan# 19
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Instrument :
MSVOA_V
ClientSampleId :

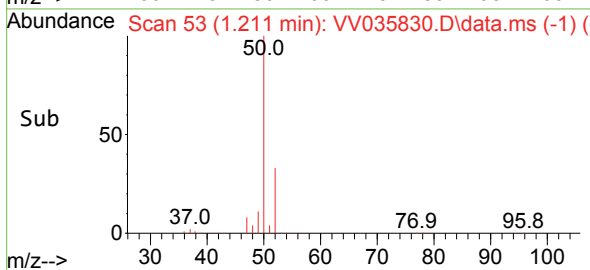
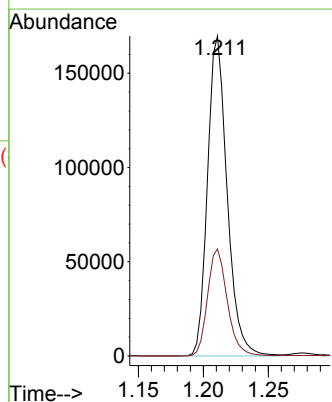
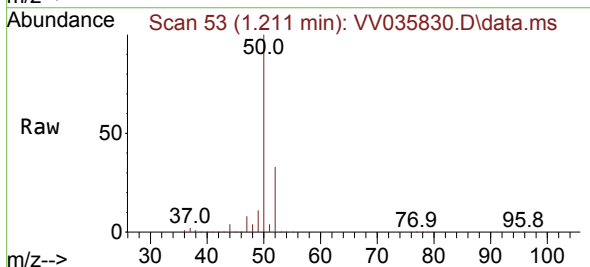


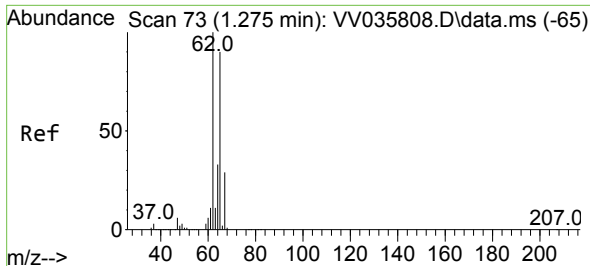
Tgt Ion: 85 Resp: 167639
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.6



#3
Chloromethane
Concen: 16.875 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

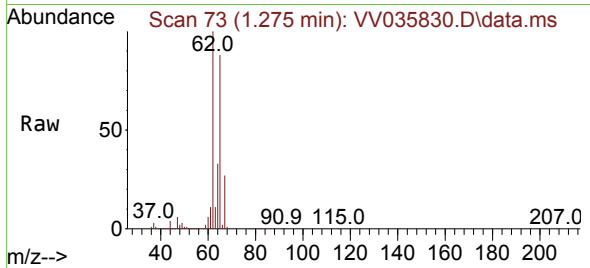
Tgt Ion: 50 Resp: 178506
Ion Ratio Lower Upper
50 100
52 33.5 22.7 42.1



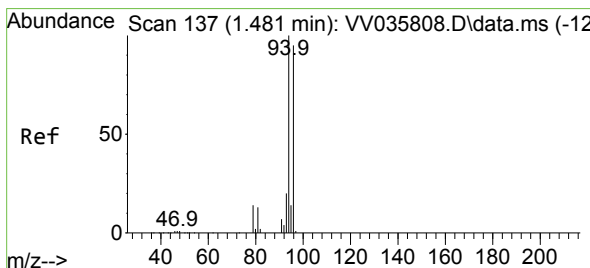
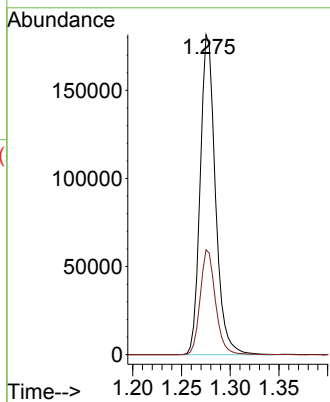
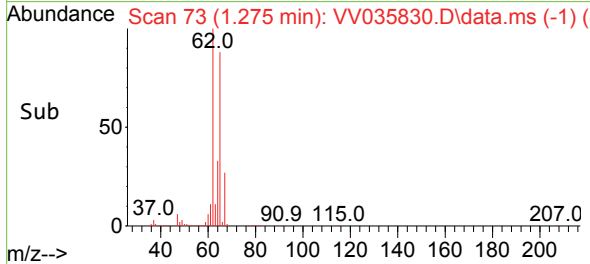


#5
 Vinyl chloride
 Concen: 18.040 ug/L
 RT: 1.275 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VV035830.D
 Acq: 26 May 2024 04:44

Instrument :
 MSVOA_V
 ClientSampleId :

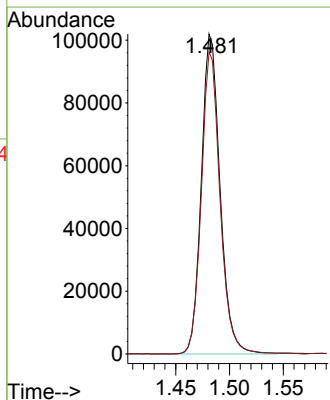
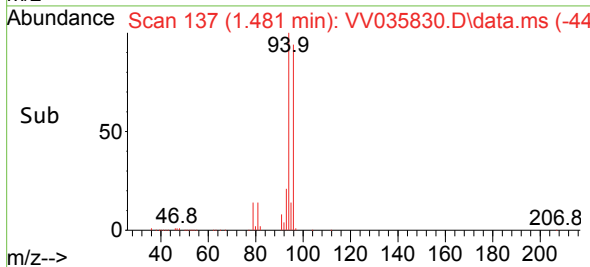
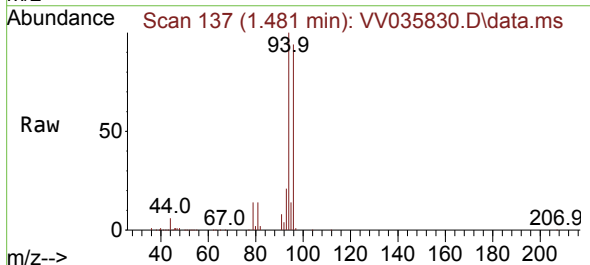


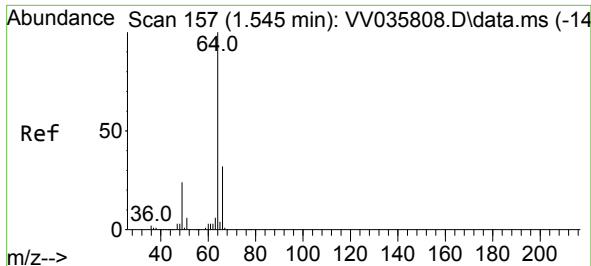
Tgt Ion: 62 Resp: 197151
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.0 42.6



#6
 Bromomethane
 Concen: 17.896 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. 0.000 min
 Lab File: VV035830.D
 Acq: 26 May 2024 04:44

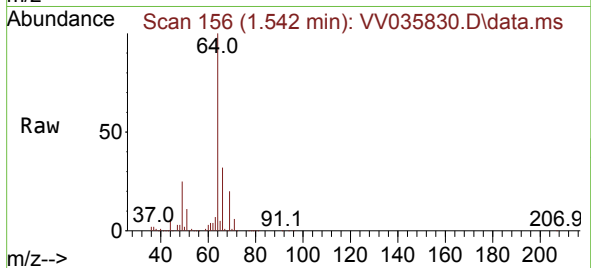
Tgt Ion: 94 Resp: 123835
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.2 121.0



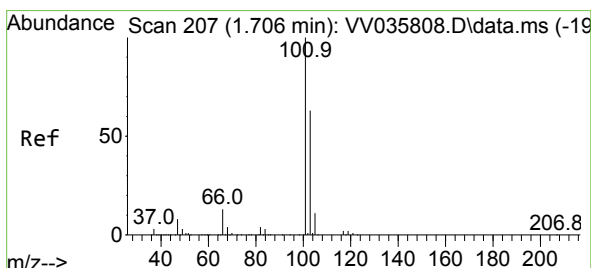
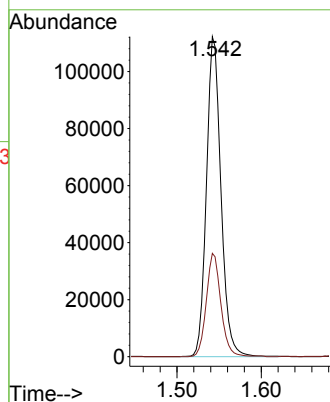
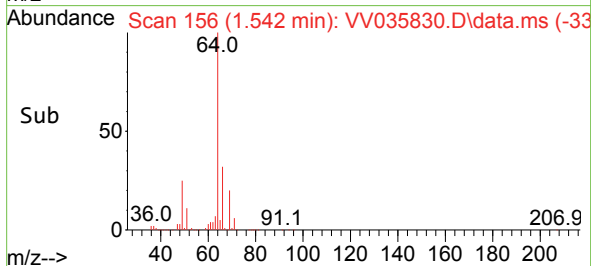


#8
Chloroethane
Concen: 20.033 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.003 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Instrument :
MSVOA_V
ClientSampleId :

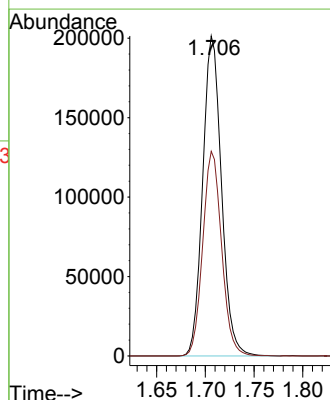
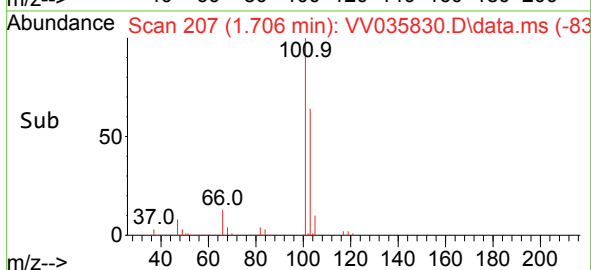
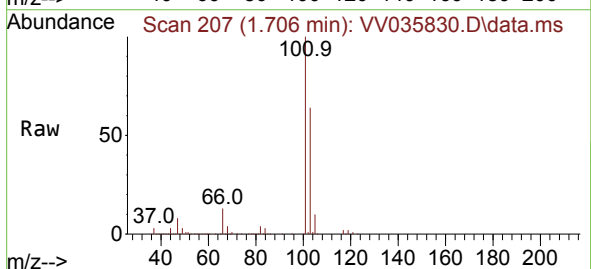


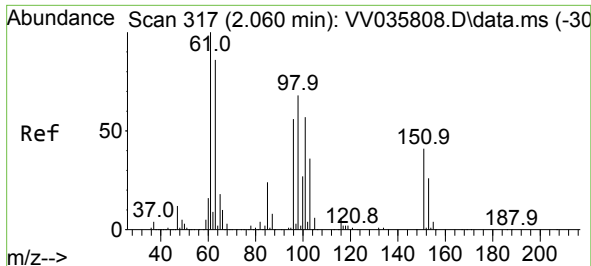
Tgt Ion: 64 Resp: 134960
Ion Ratio Lower Upper
64 100
66 32.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 18.913 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Tgt Ion: 101 Resp: 269787
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

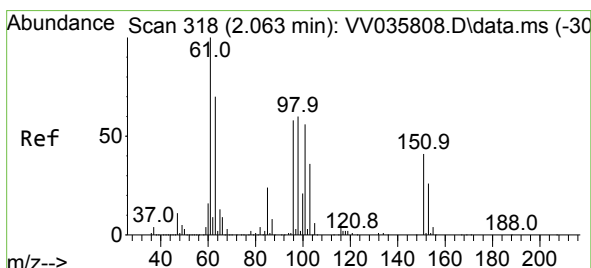
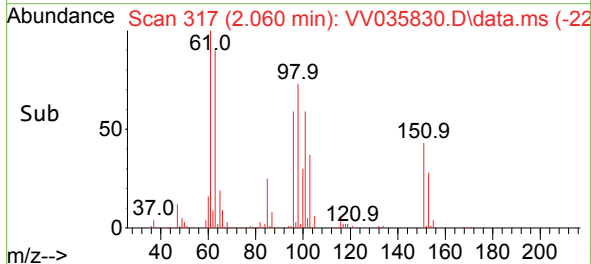
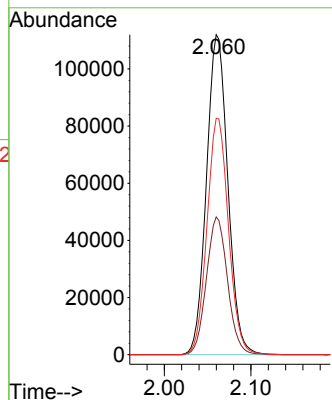
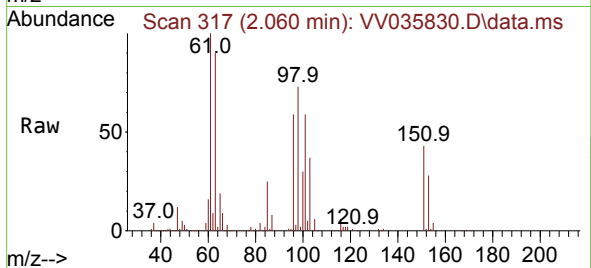




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.374 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

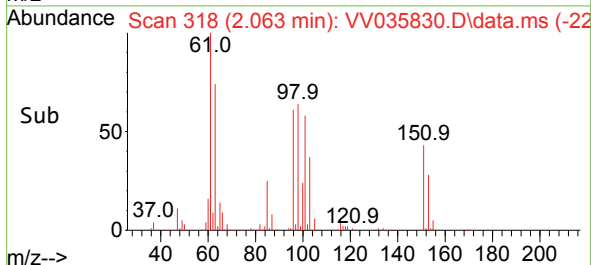
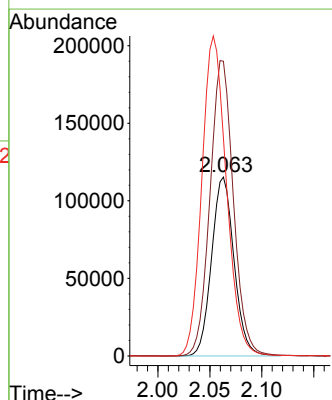
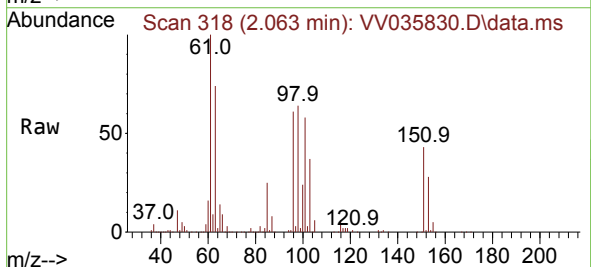
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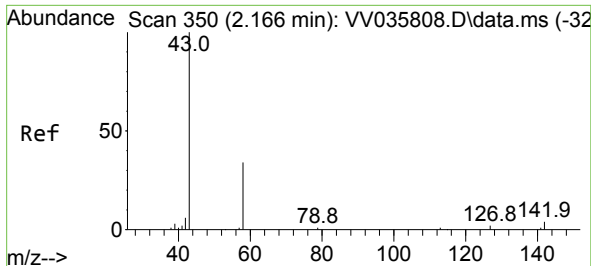
Tgt Ion:101 Resp: 192367
Ion Ratio Lower Upper
101 100
85 42.5 34.2 51.4
151 74.2 59.5 89.3



#12
1,1-Dichloroethene
Concen: 21.310 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Tgt Ion: 96 Resp: 173240
Ion Ratio Lower Upper
96 100
61 164.7 119.8 222.4
63 121.9 75.6 140.4





#13

Acetone

Concen: 36.604 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.219 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

Instrument :

MSVOA_V

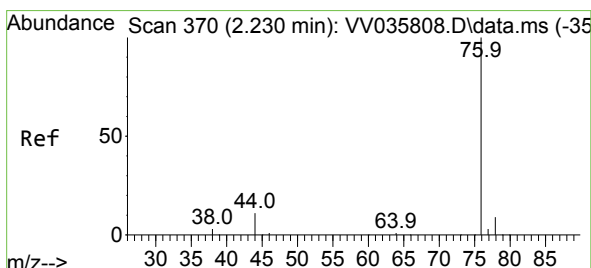
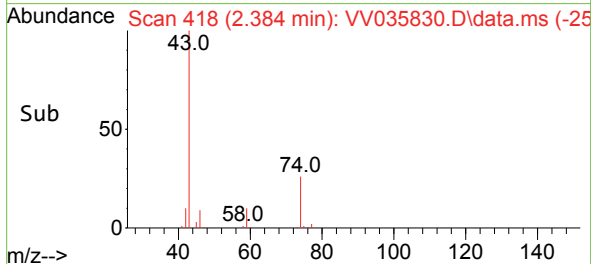
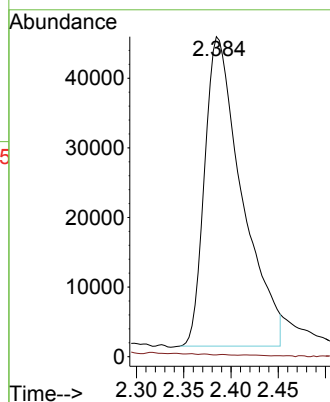
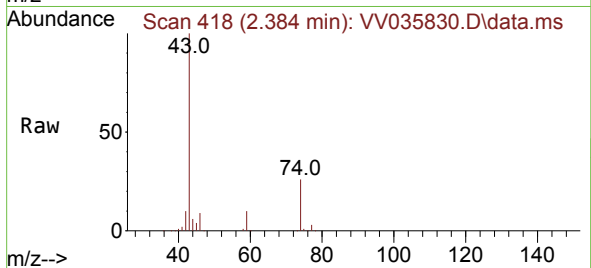
ClientSampleId :

Tgt Ion: 43 Resp: 121800

Ion Ratio Lower Upper

43 100

58 0.1 0.0 22.8



#14

Carbon disulfide

Concen: 15.184 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV035830.D

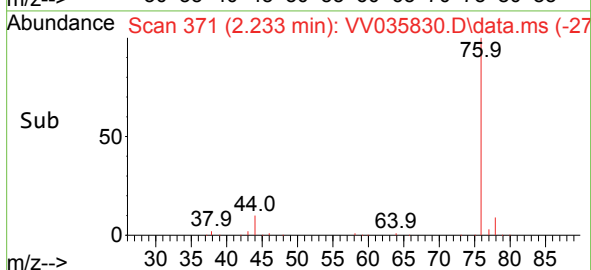
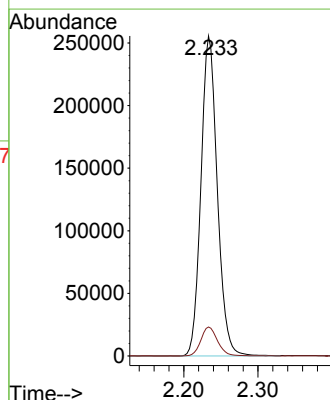
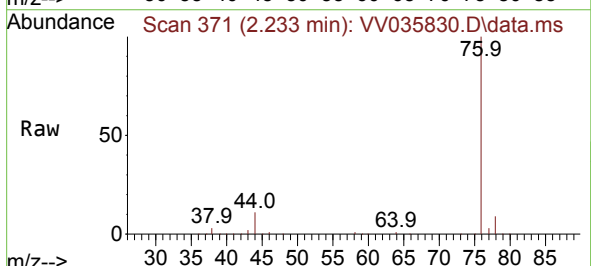
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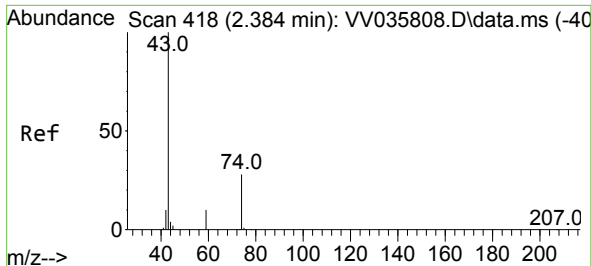
Tgt Ion: 76 Resp: 390972

Ion Ratio Lower Upper

76 100

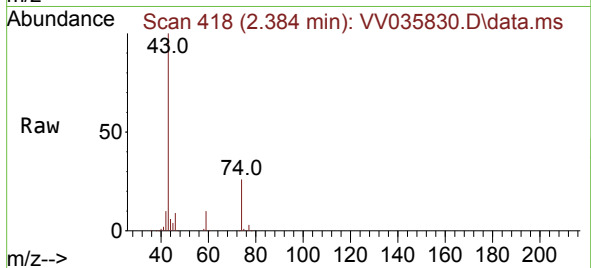
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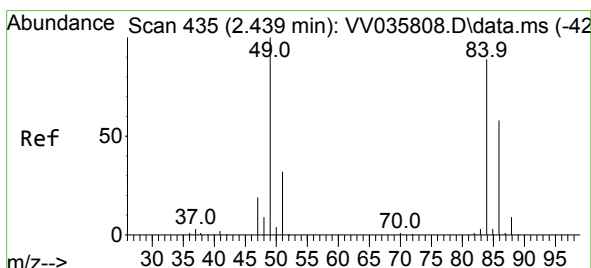
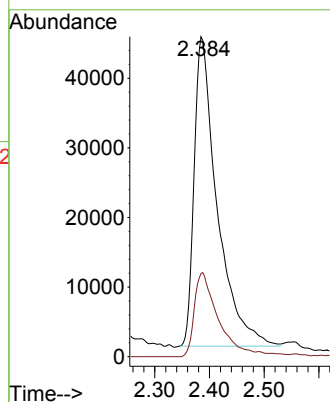
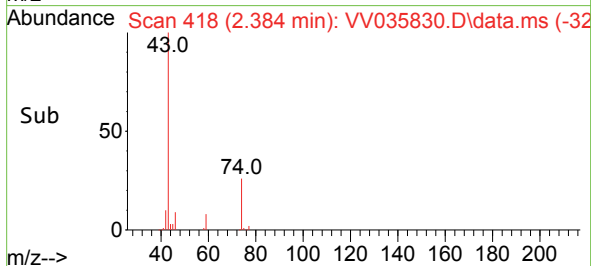


#15
Methyl Acetate
Concen: 25.682 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

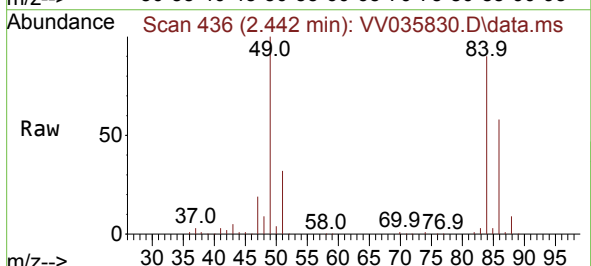
Instrument :
MSVOA_V
ClientSampleId :



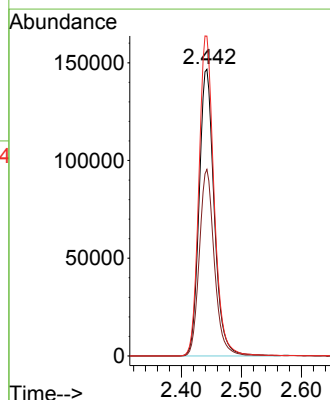
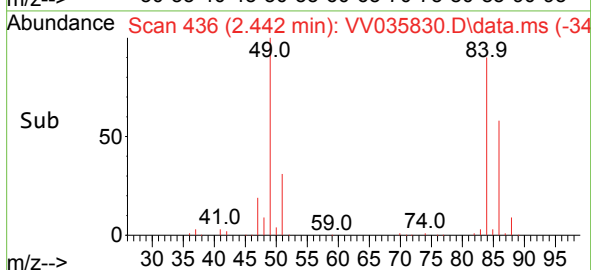
Tgt Ion: 43 Resp: 129473
Ion Ratio Lower Upper
43 100
74 27.8 18.6 27.8

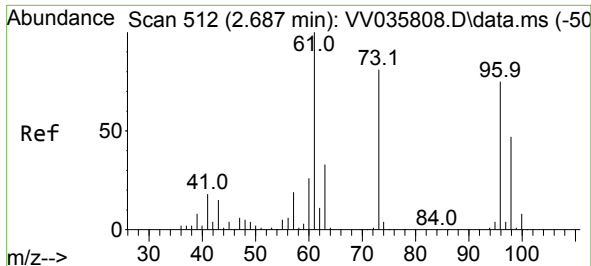


#16
Methylene chloride
Concen: 21.581 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44



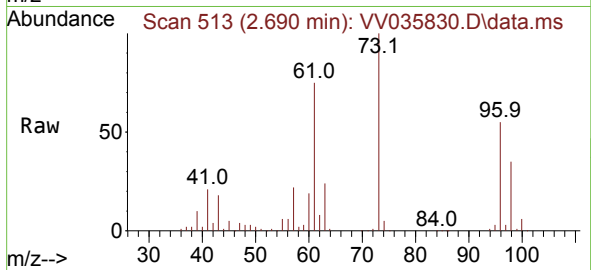
Tgt Ion: 84 Resp: 257898
Ion Ratio Lower Upper
84 100
86 65.1 43.8 81.3
49 111.6 75.3 139.9



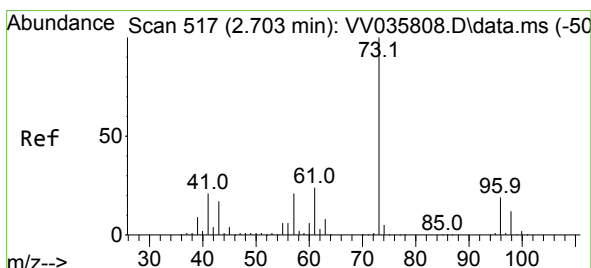
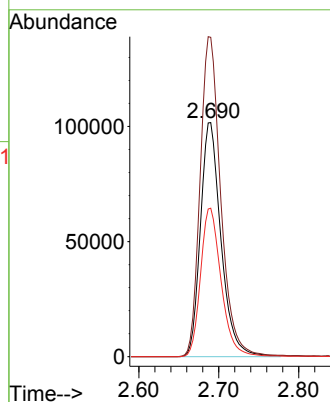
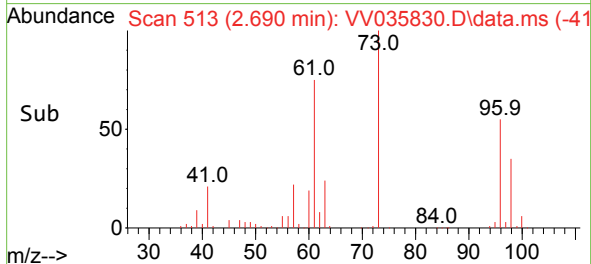


#17
trans-1,2-Dichloroethene
Concen: 20.177 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Instrument :
MSVOA_V
ClientSampleId :

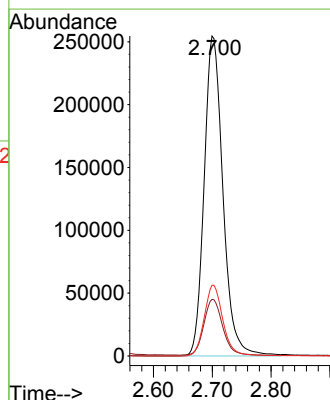
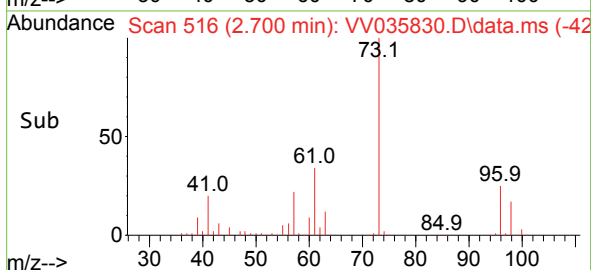
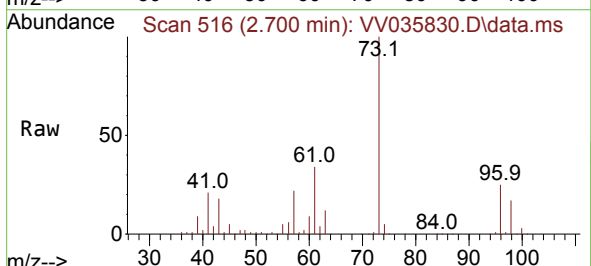


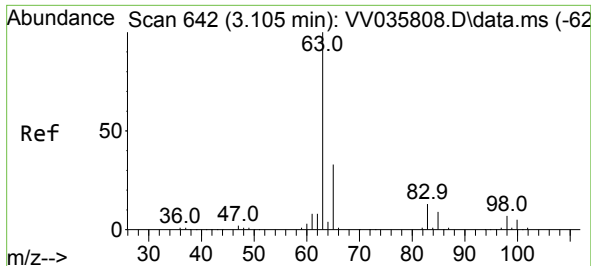
Tgt Ion: 96 Resp: 182094
Ion Ratio Lower Upper
96 100
61 136.4 95.5 177.4
98 63.4 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 25.999 ug/L
RT: 2.700 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Tgt Ion: 73 Resp: 565977
Ion Ratio Lower Upper
73 100
43 17.5 13.3 19.9
57 21.9 17.4 26.2





#19

1,1-Dichloroethane

Concen: 24.002 ug/L

RT: 3.105 min Scan# 642

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

Instrument :

MSVOA_V

ClientSampleId :

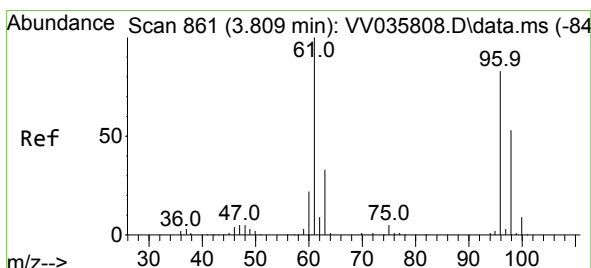
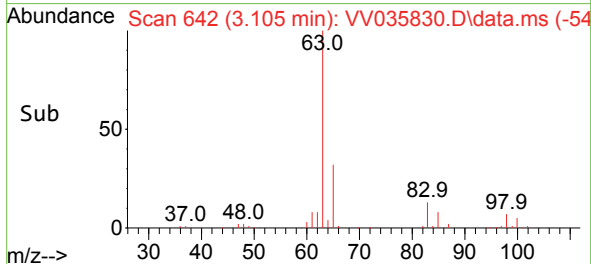
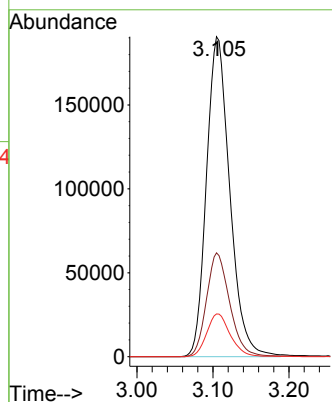
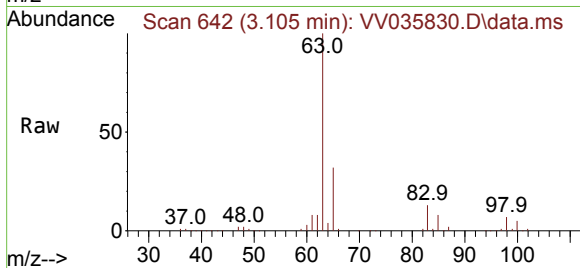
Tgt Ion: 63 Resp: 406090

Ion Ratio Lower Upper

63 100

65 32.5 22.7 42.3

83 13.4 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 22.603 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

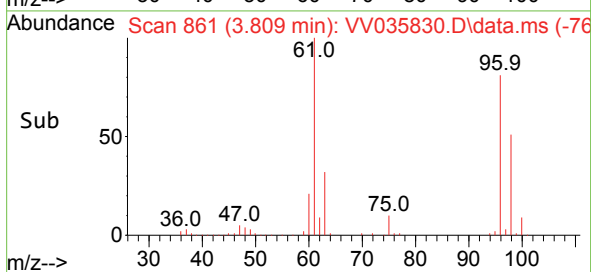
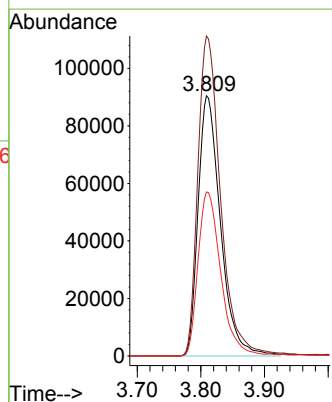
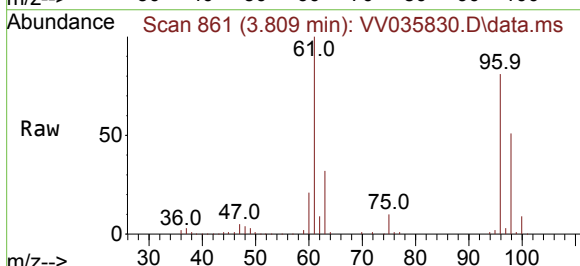
Tgt Ion: 96 Resp: 221132

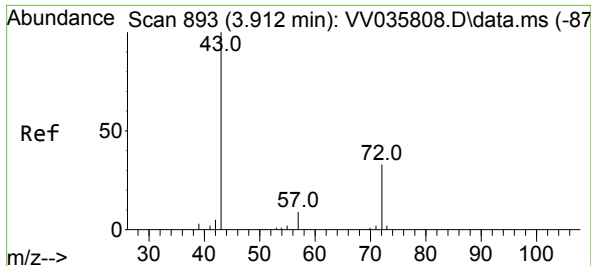
Ion Ratio Lower Upper

96 100

61 123.0 83.9 155.9

98 63.1 44.0 81.8

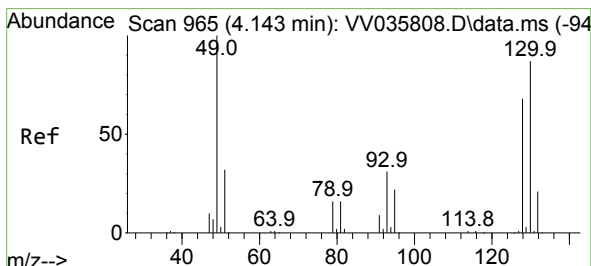
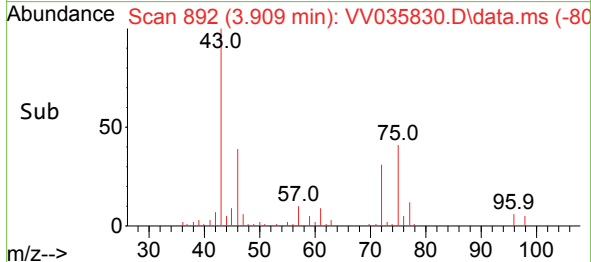
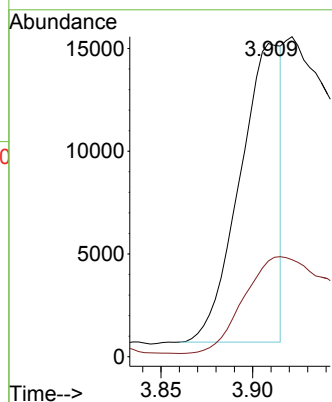
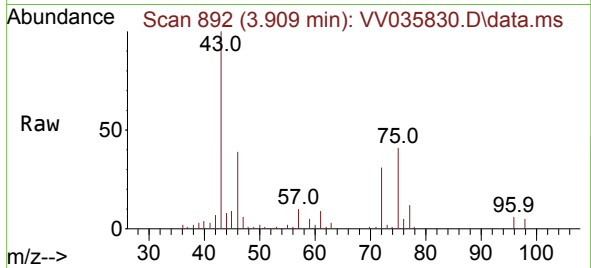




#22
2-Butanone
Concen: 7.327 ug/L
RT: 3.909 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

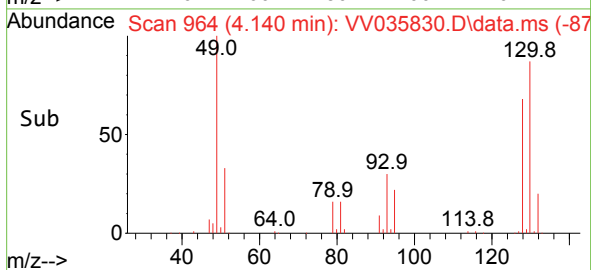
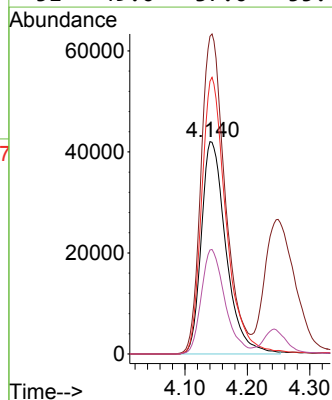
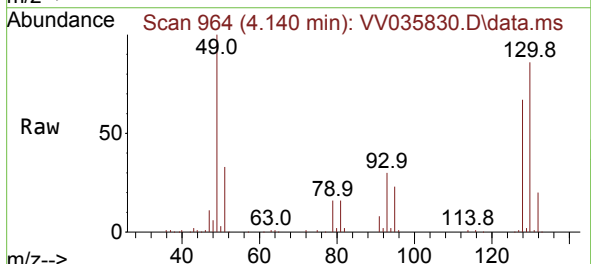
Instrument :
MSVOA_V
ClientSampleId :

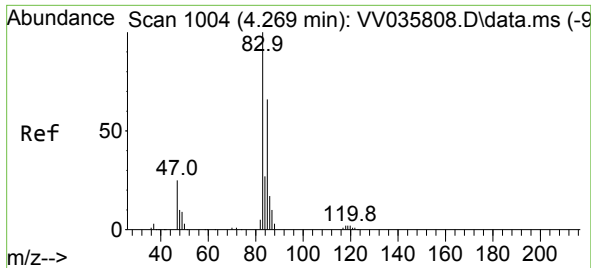
Tgt Ion: 43 Resp: 22642
Ion Ratio Lower Upper
43 100
72 97.4 12.3 36.9#



#23
Bromochloromethane
Concen: 24.362 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Tgt Ion: 128 Resp: 115281
Ion Ratio Lower Upper
128 100
49 149.6 103.1 191.5
130 128.4 91.8 170.4
51 49.0 37.0 55.4

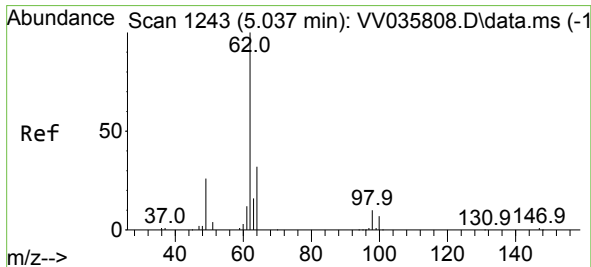
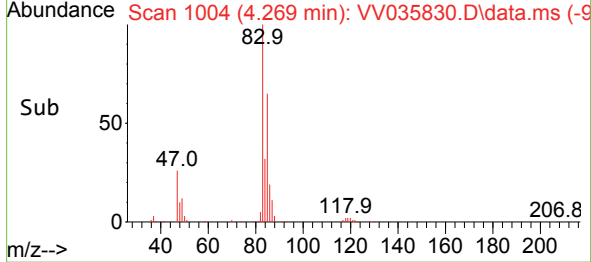
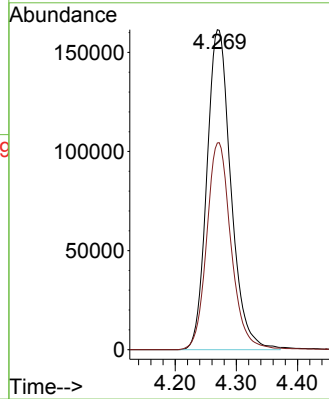
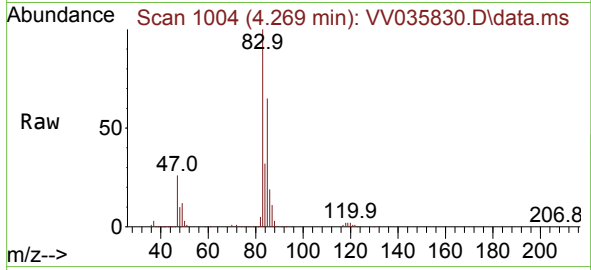




#25
Chloroform
Concen: 25.241 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

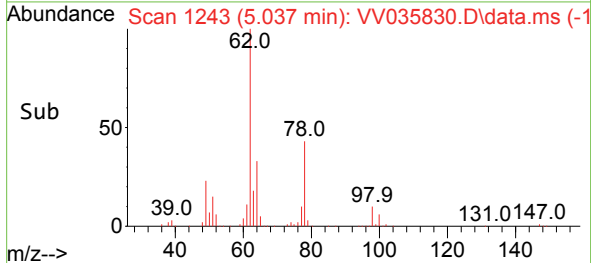
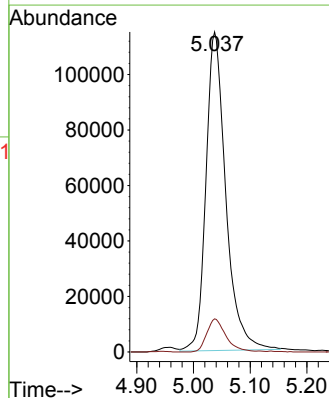
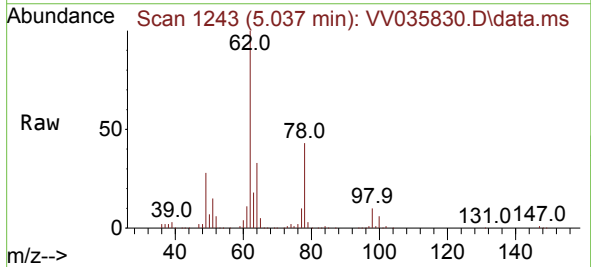
Instrument :
MSVOA_V
ClientSampleId :

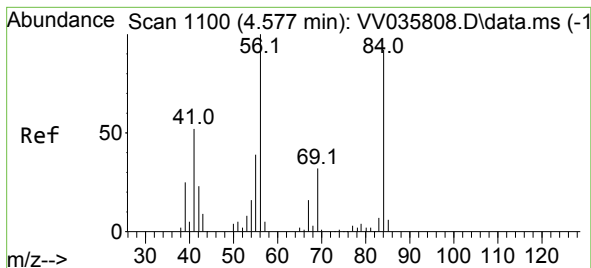
Tgt Ion: 83 Resp: 440988
Ion Ratio Lower Upper
83 100
85 64.6 44.7 82.9



#27
1,2-Dichloroethane
Concen: 25.637 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Tgt Ion: 62 Resp: 278912
Ion Ratio Lower Upper
62 100
98 10.3 8.2 12.2





#29

Cyclohexane

Concen: 17.022 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

Instrument :

MSVOA_V

ClientSampleId :

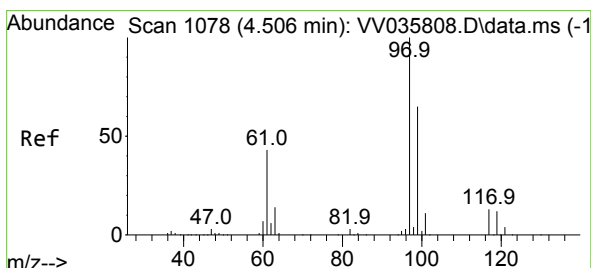
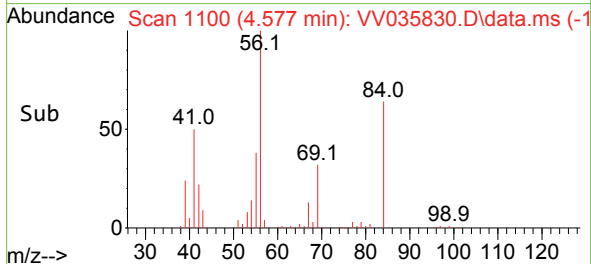
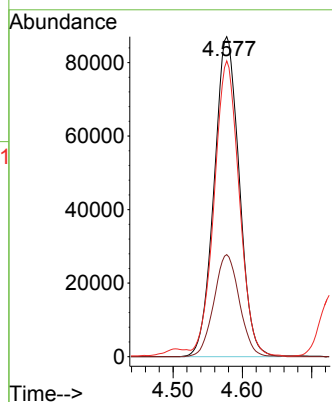
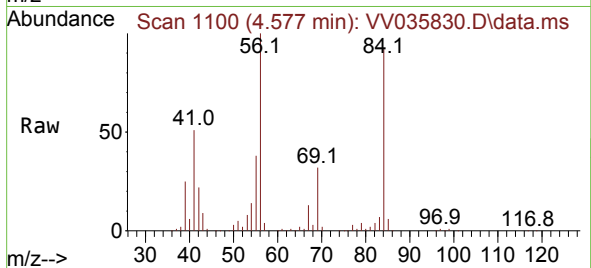
Tgt Ion: 56 Resp: 219528

Ion Ratio Lower Upper

56 100

69 32.3 25.6 38.4

84 91.9 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 22.148 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

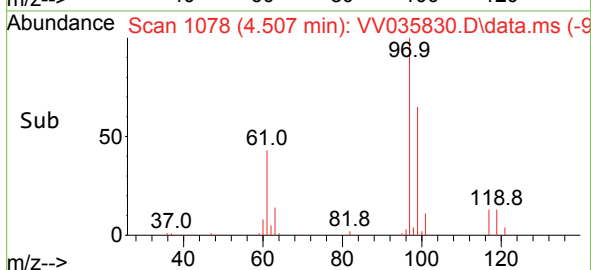
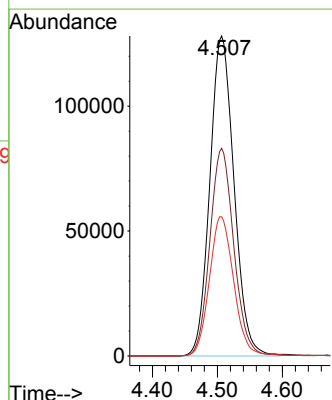
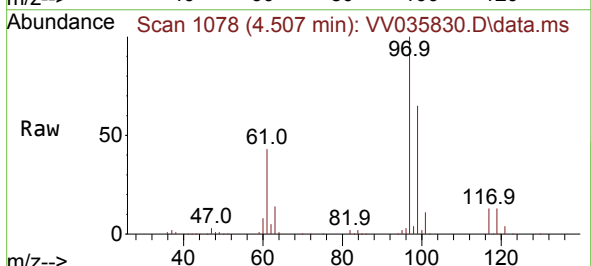
Tgt Ion: 97 Resp: 331204

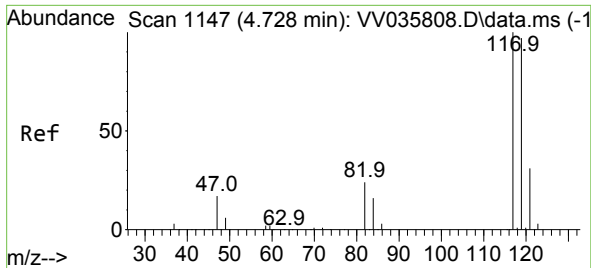
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 43.9 33.5 50.3

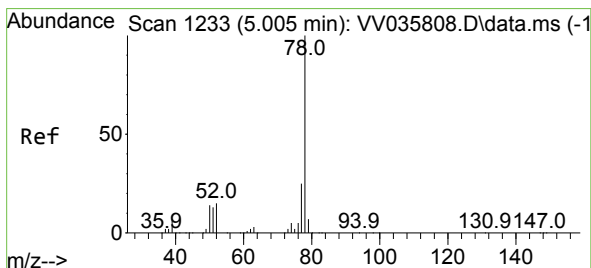
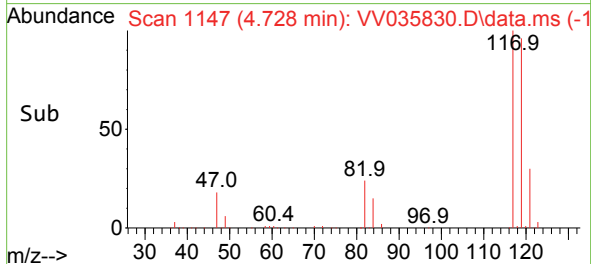
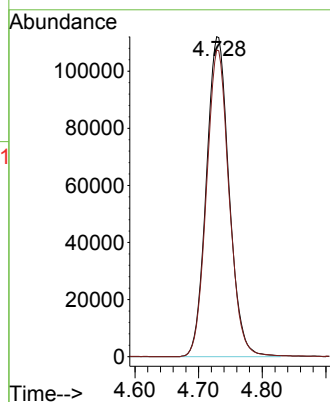
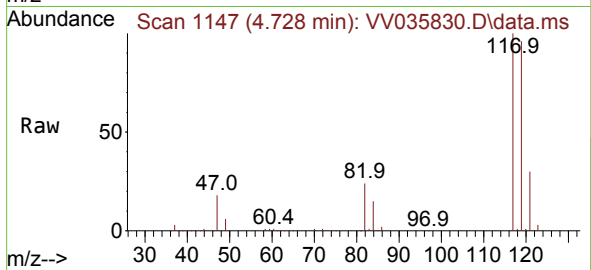




#31
Carbon tetrachloride
Concen: 21.201 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

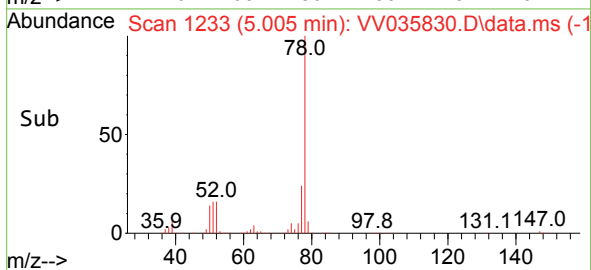
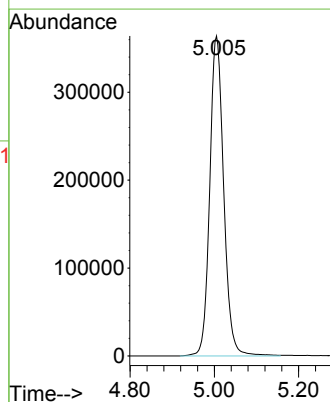
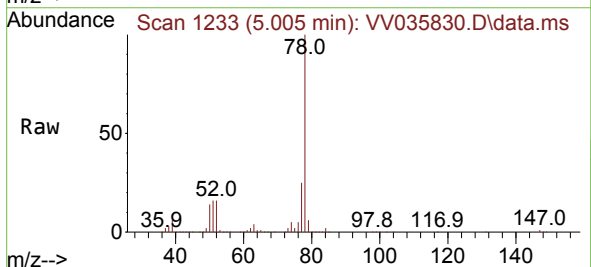
Instrument :
MSVOA_V
ClientSampleId :

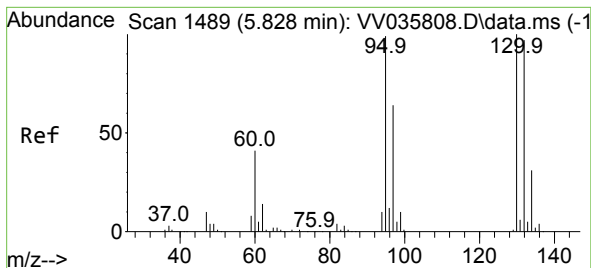
Tgt Ion:117 Resp: 278169
Ion Ratio Lower Upper
117 100
119 95.4 77.3 115.9



#33
Benzene
Concen: 23.444 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Tgt Ion: 78 Resp: 836794





#34

Trichloroethene

Concen: 23.875 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

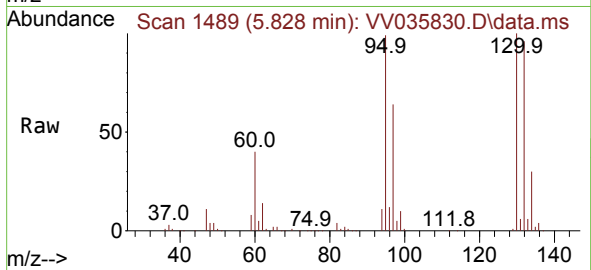
Lab File: VV035830.D

Acq: 26 May 2024 04:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 241055

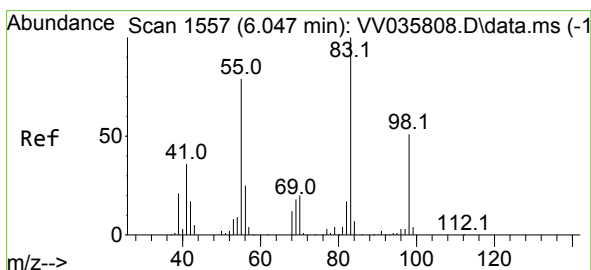
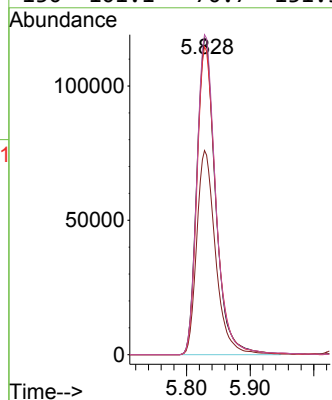
Ion Ratio Lower Upper

95 100

97 64.5 43.8 81.4

132 97.3 67.1 124.7

130 101.1 70.7 131.3



#35

Methylcyclohexane

Concen: 17.211 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

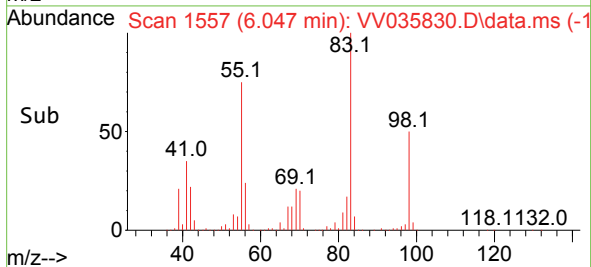
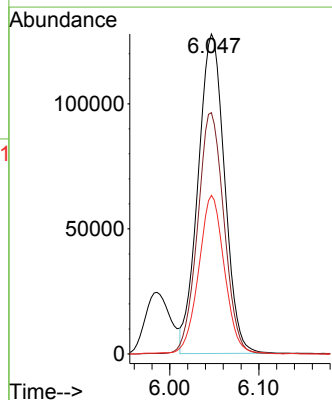
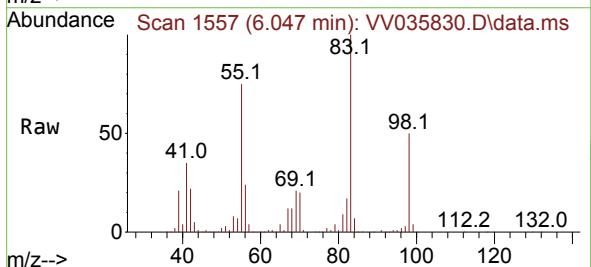
Tgt Ion: 83 Resp: 263822

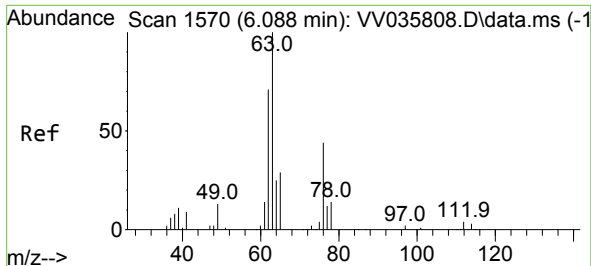
Ion Ratio Lower Upper

83 100

55 75.2 57.5 86.3

98 48.5 38.6 58.0





#37

1,2-Dichloropropane

Concen: 26.137 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

Instrument :

MSVOA_V

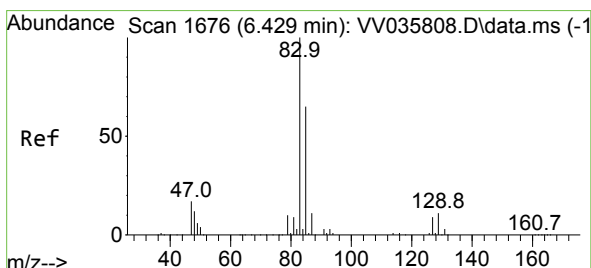
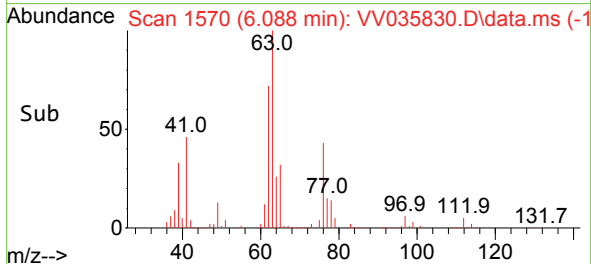
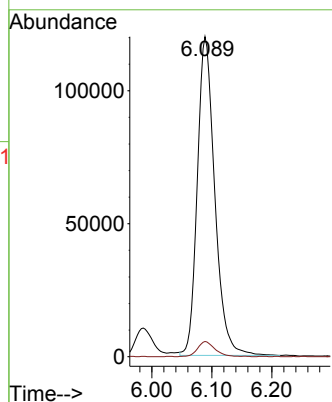
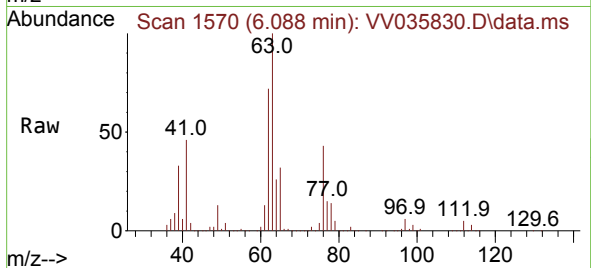
ClientSampleId :

Tgt Ion: 63 Resp: 243399

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 25.805 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

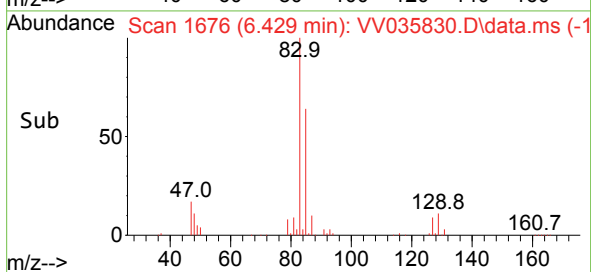
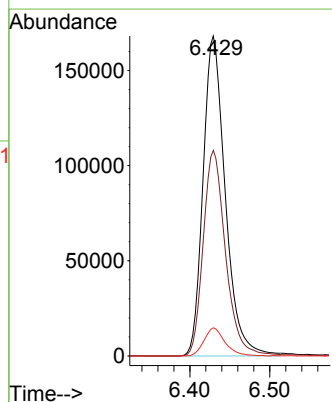
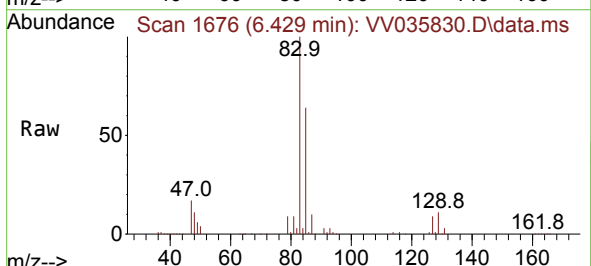
Tgt Ion: 83 Resp: 325540

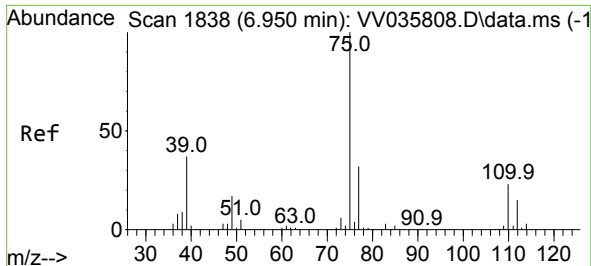
Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.9

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 20.644 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

Instrument :

MSVOA_V

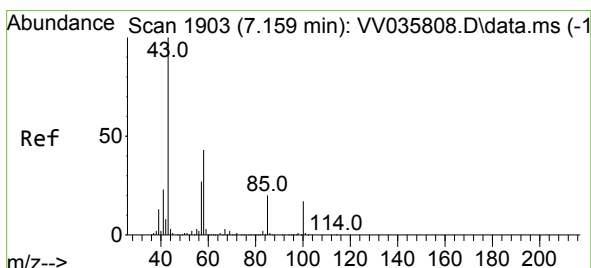
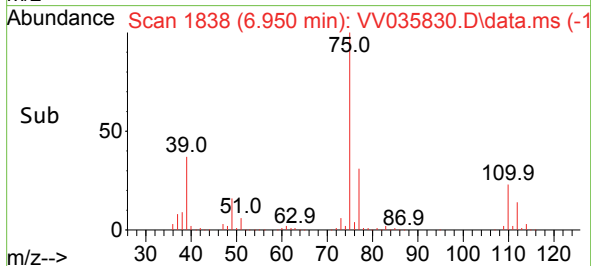
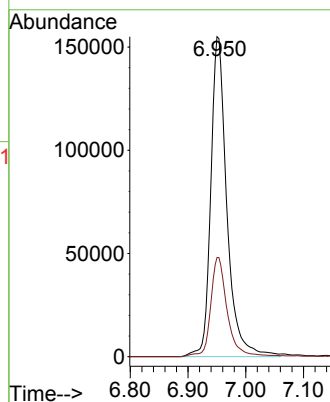
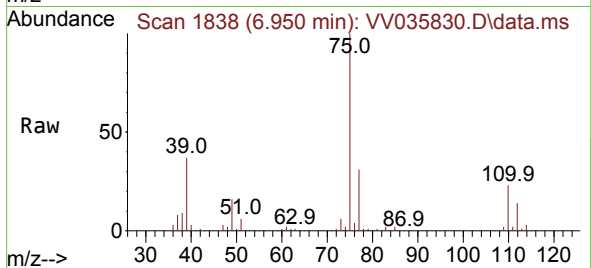
ClientSampleId :

Tgt Ion: 75 Resp: 300696

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 50.406 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

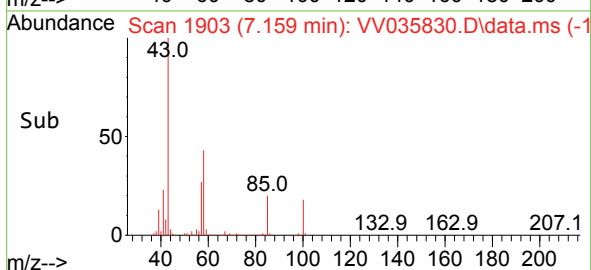
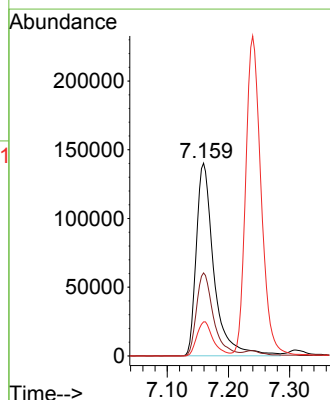
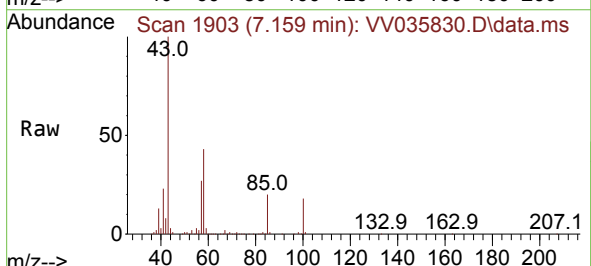
Tgt Ion: 43 Resp: 281130

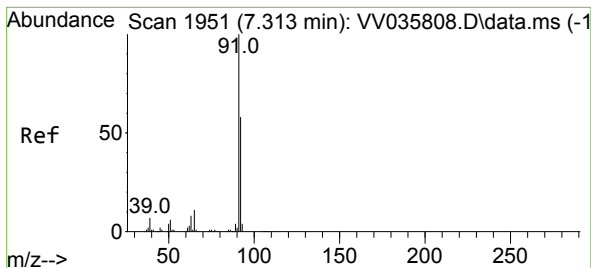
Ion Ratio Lower Upper

43 100

58 41.7 34.8 52.2

100 16.6 13.9 20.9





#42

Toluene

Concen: 23.576 ug/L

RT: 7.310 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

Instrument :

MSVOA_V

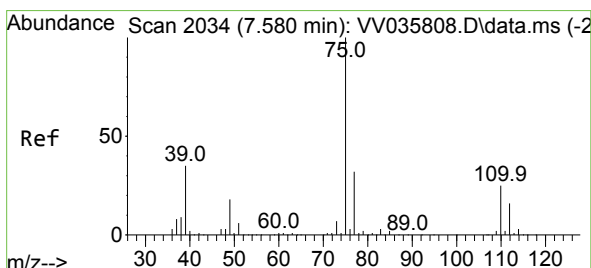
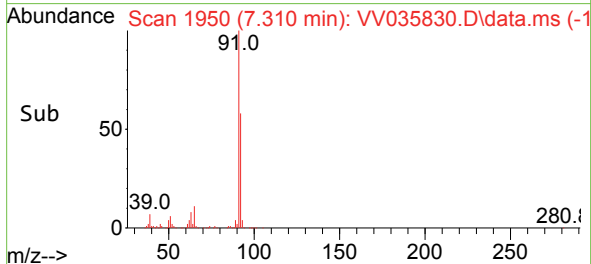
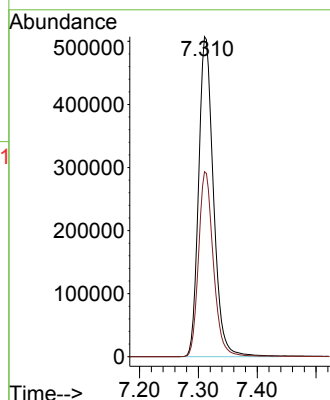
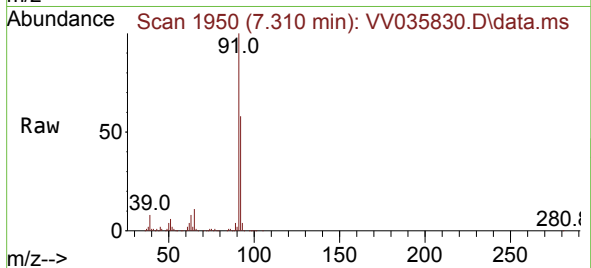
ClientSampleId :

Tgt Ion: 91 Resp: 890580

Ion Ratio Lower Upper

91 100

92 57.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 21.150 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV035830.D

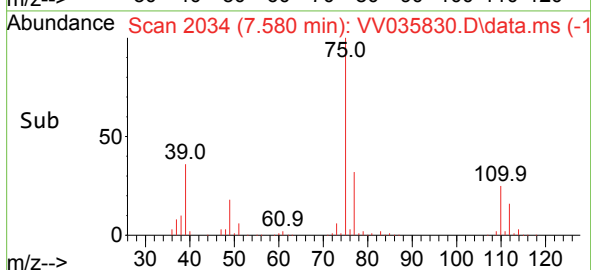
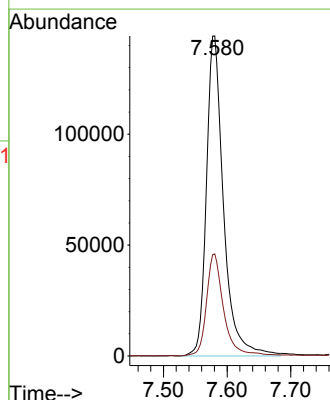
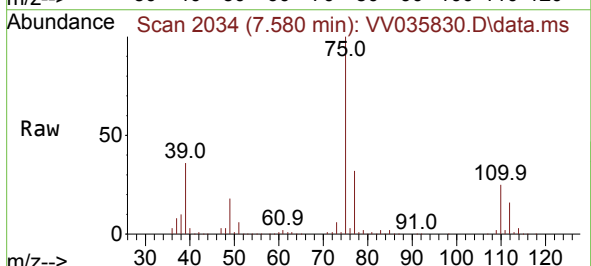
Acq: 26 May 2024 04:44

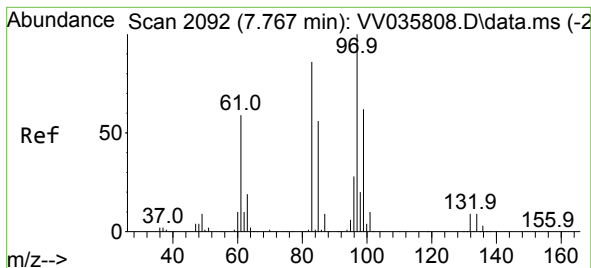
Tgt Ion: 75 Resp: 269486

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 26.574 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 210274

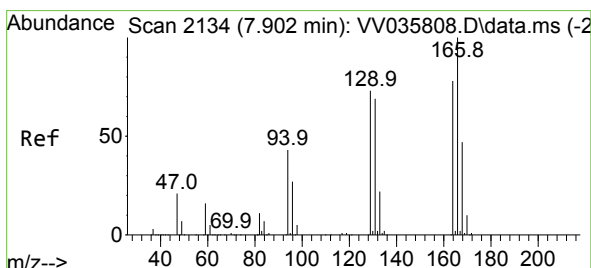
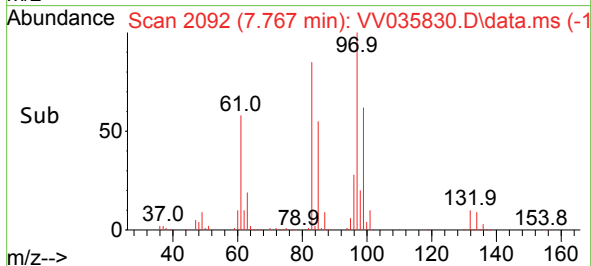
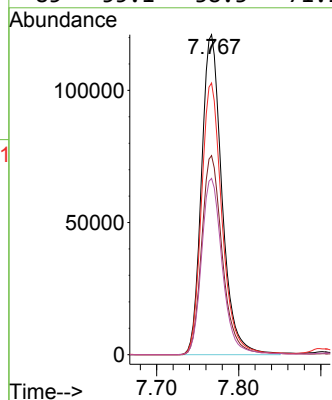
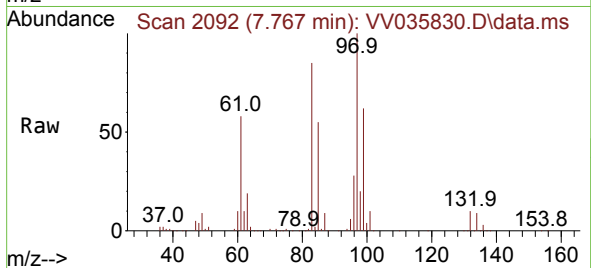
Ion Ratio Lower Upper

97 100

99 62.2 43.3 80.3

83 84.9 60.3 111.9

85 55.1 38.3 71.1



#46

Tetrachloroethene

Concen: 19.725 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

Tgt Ion:164 Resp: 161798

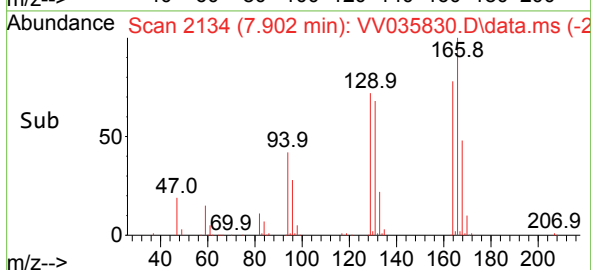
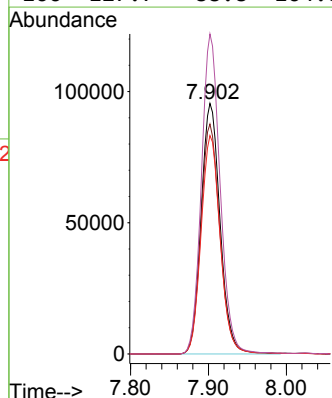
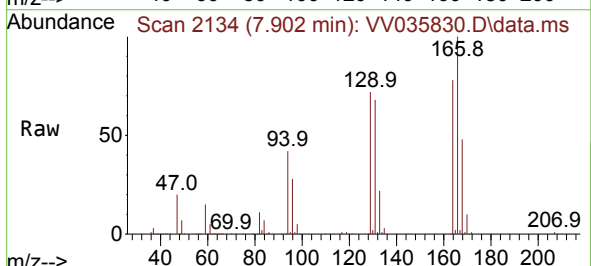
Ion Ratio Lower Upper

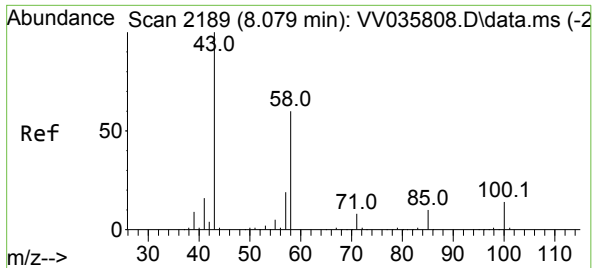
164 100

129 91.8 63.4 117.8

131 87.2 61.0 113.4

166 127.7 88.8 164.8



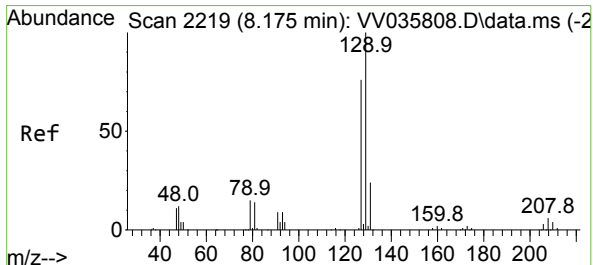
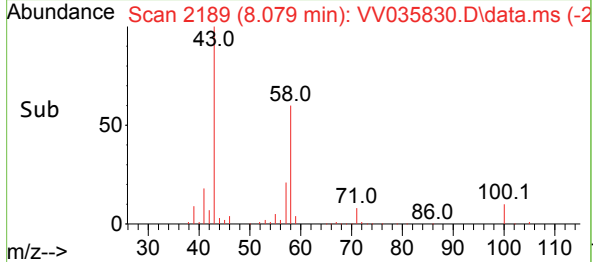
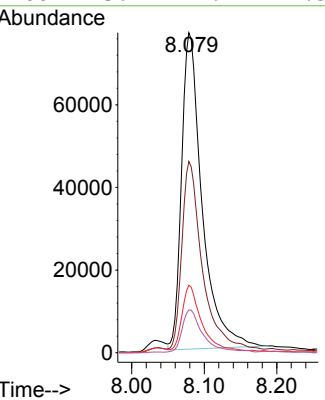
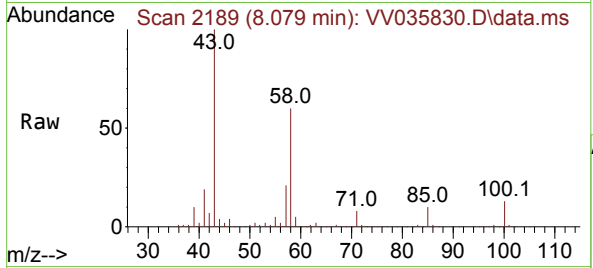


#48
2-Hexanone
Concen: 36.172 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 151263

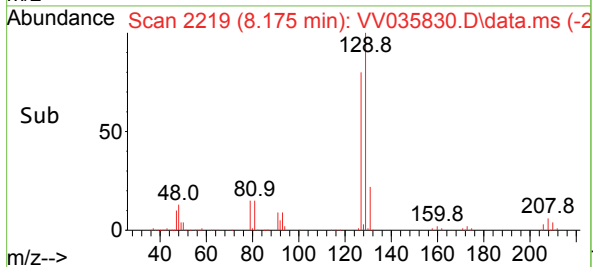
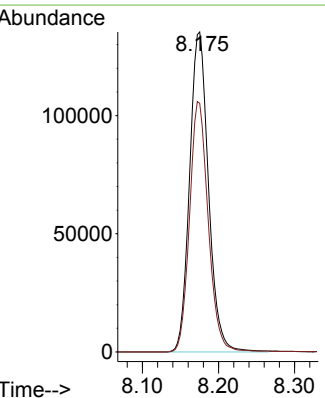
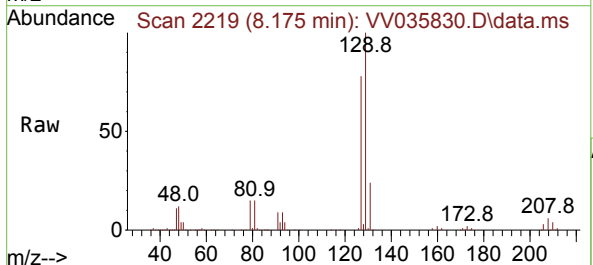
Ion	Ratio	Lower	Upper
43	100		
58	59.6	48.8	73.2
57	20.6	16.9	25.3
100	13.2	11.7	17.5

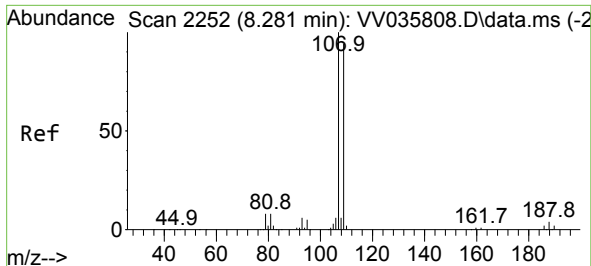


#49
Dibromochloromethane
Concen: 26.145 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Tgt Ion: 129 Resp: 233430

Ion	Ratio	Lower	Upper
129	100		
127	77.7	53.8	99.8





#50

1,2-Dibromoethane

Concen: 25.305 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

Instrument :

MSVOA_V

ClientSampleId :

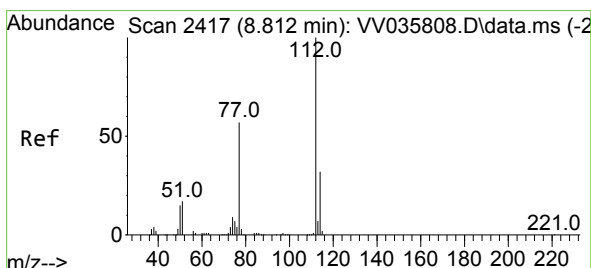
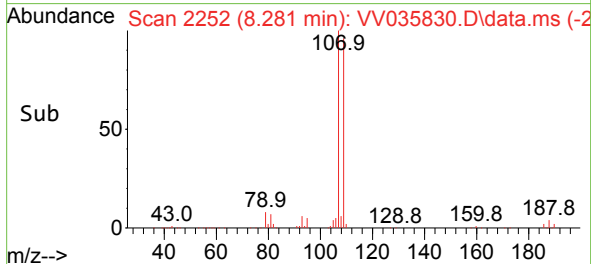
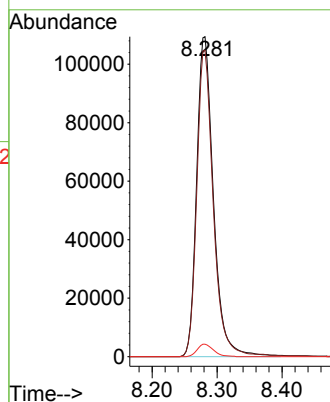
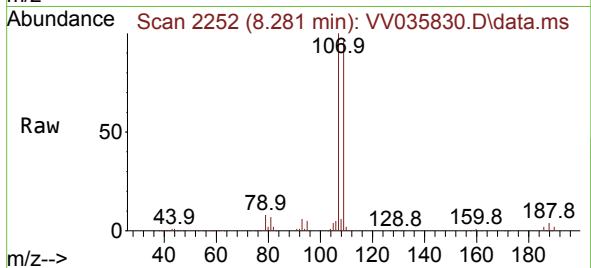
Tgt Ion:107 Resp: 197255

Ion Ratio Lower Upper

107 100

109 95.7 65.4 121.4

188 3.9 2.9 4.3



#51

Chlorobenzene

Concen: 23.545 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

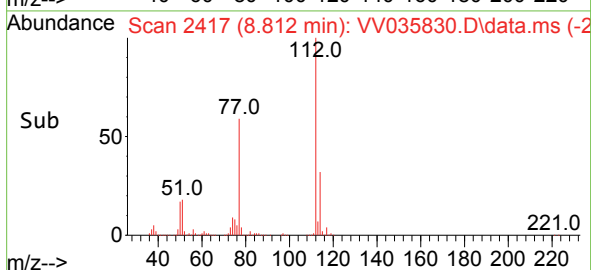
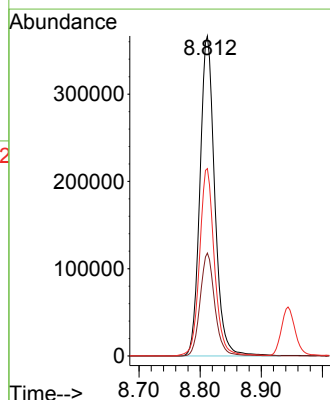
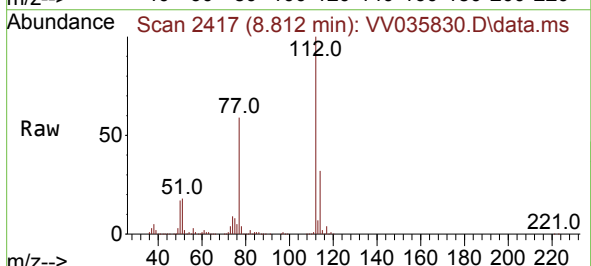
Tgt Ion:112 Resp: 617121

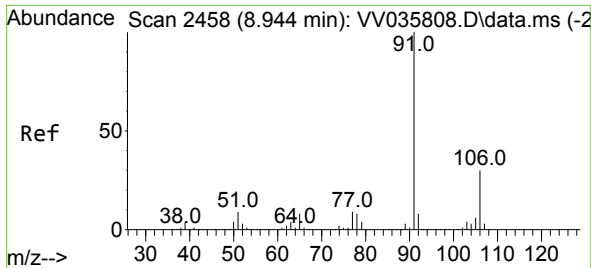
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.7

77 58.5 46.6 69.8

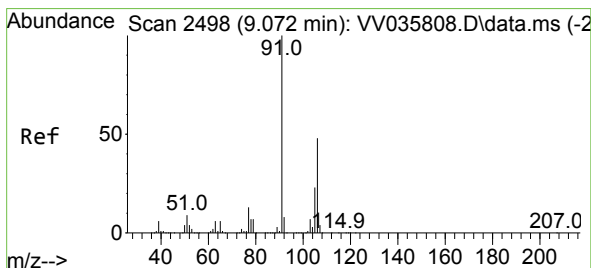
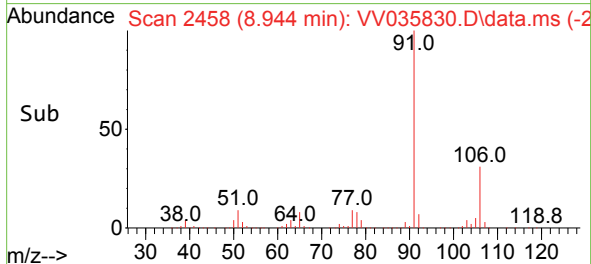
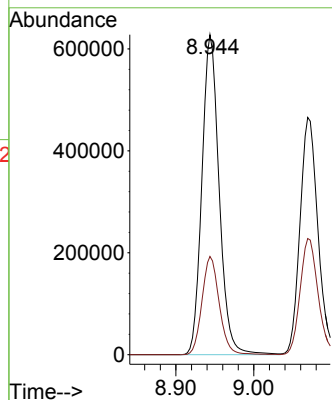
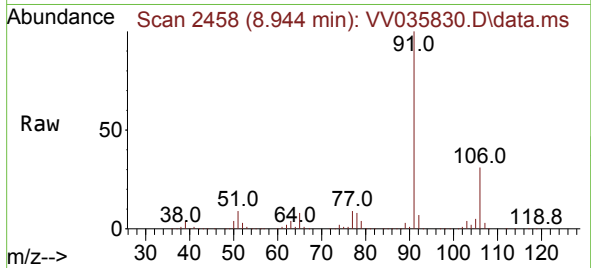




#52
Ethylbenzene
Concen: 23.179 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

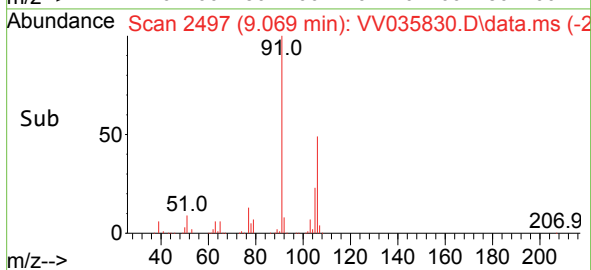
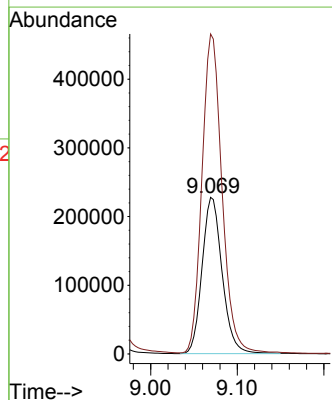
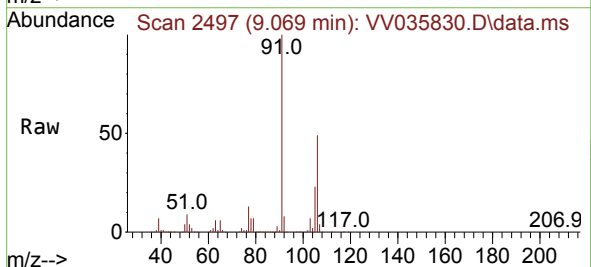
Instrument :
MSVOA_V
ClientSampleId :

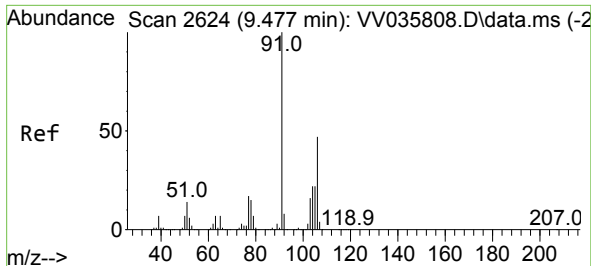
Tgt Ion: 91 Resp: 966706
Ion Ratio Lower Upper
91 100
106 30.7 21.7 40.3



#53
m,p-Xylene
Concen: 23.151 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Tgt Ion: 106 Resp: 366325
Ion Ratio Lower Upper
106 100
91 204.3 142.7 264.9

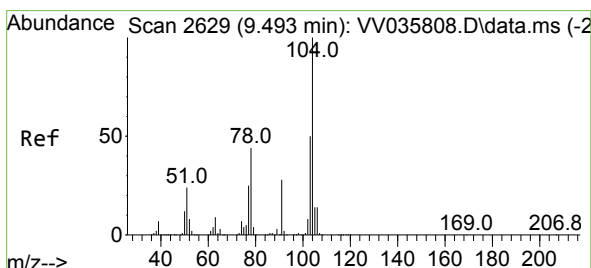
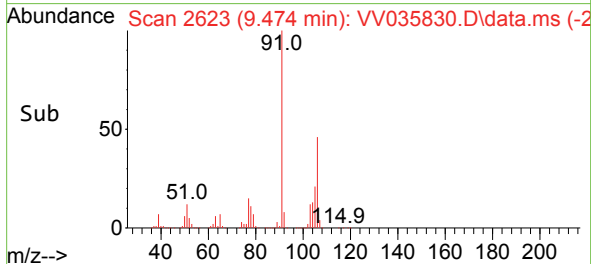
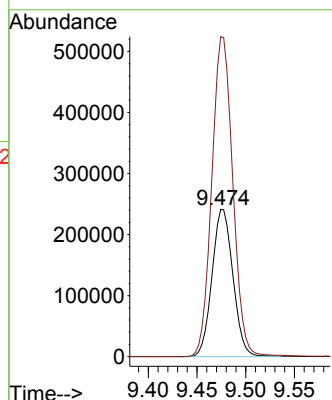
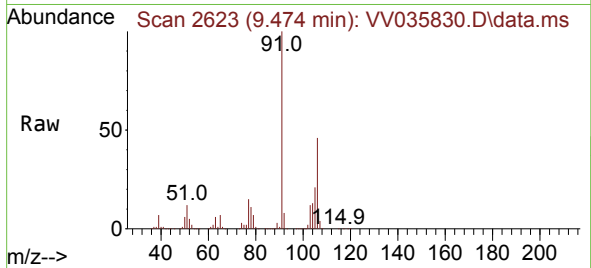




#54
o-Xylene
Concen: 24.050 ug/L
RT: 9.474 min Scan# 2624
Delta R.T. -0.003 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

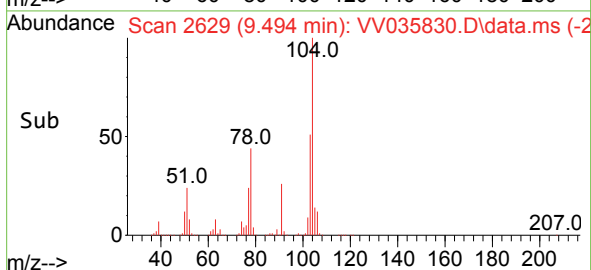
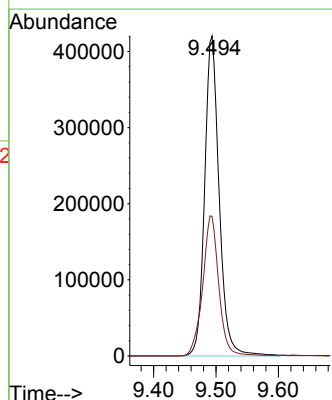
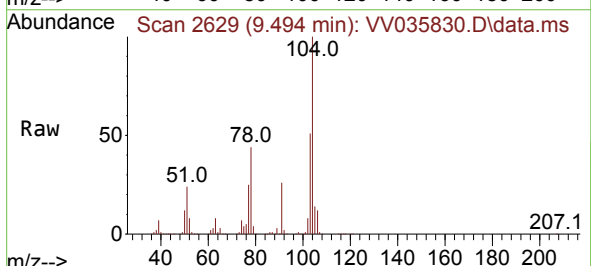
Instrument :
MSVOA_V
ClientSampleId :

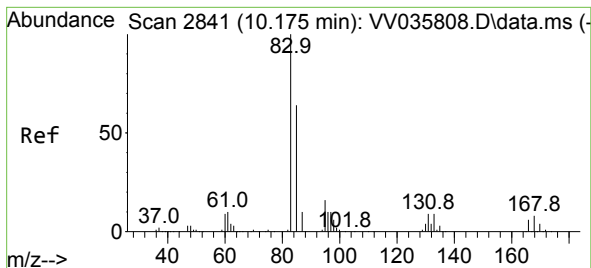
Tgt Ion:106 Resp: 360670
Ion Ratio Lower Upper
106 100
91 217.2 150.9 280.3



#55
Styrene
Concen: 26.090 ug/L
RT: 9.494 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

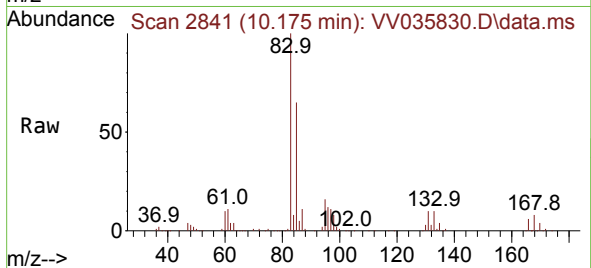
Tgt Ion:104 Resp: 682430
Ion Ratio Lower Upper
104 100
78 43.7 30.0 55.6





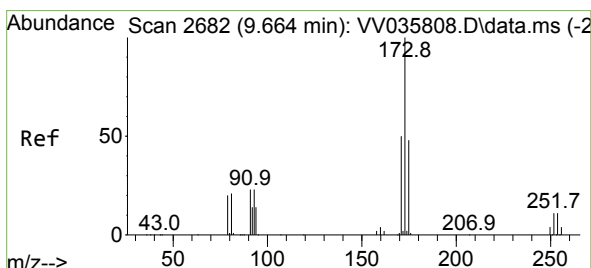
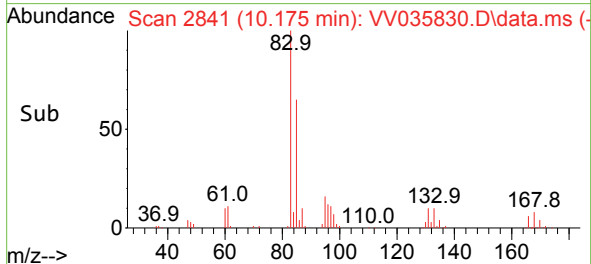
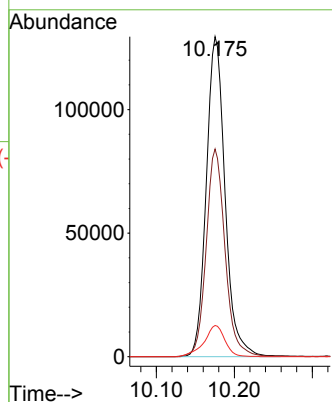
#57
 1,1,2,2-Tetrachloroethane
 Concen: 22.454 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. 0.000 min
 Lab File: VV035830.D
 Acq: 26 May 2024 04:44

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 83 Resp: 216427

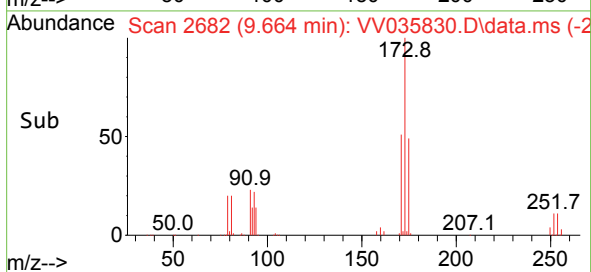
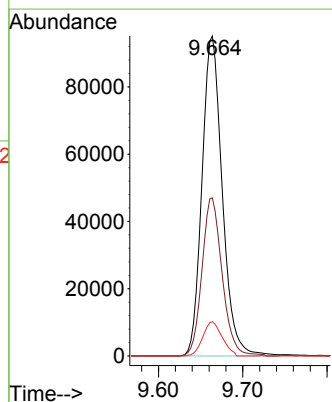
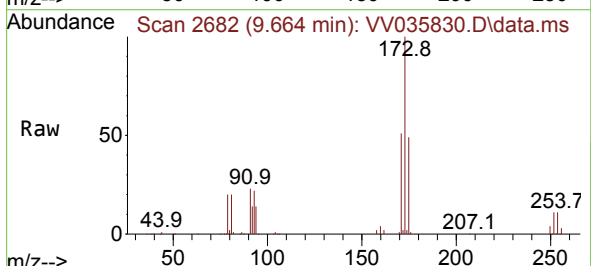
Ion	Ratio	Lower	Upper
83	100		
85	64.9	44.7	83.1
131	9.7	8.0	12.0

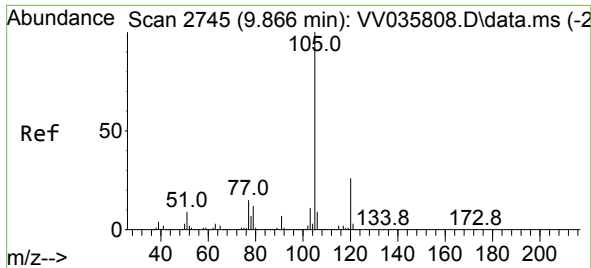


#59
 Bromoform
 Concen: 28.193 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. 0.000 min
 Lab File: VV035830.D
 Acq: 26 May 2024 04:44

Tgt Ion: 173 Resp: 159672

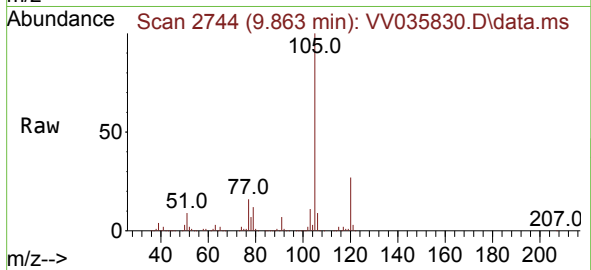
Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.7	58.1
254	10.2	8.3	12.5



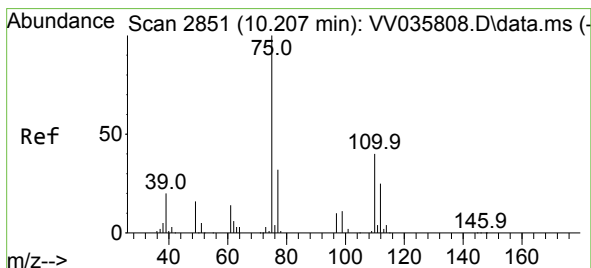
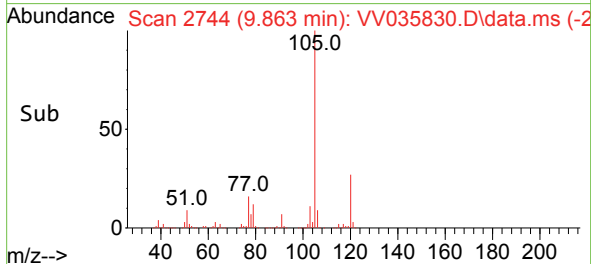
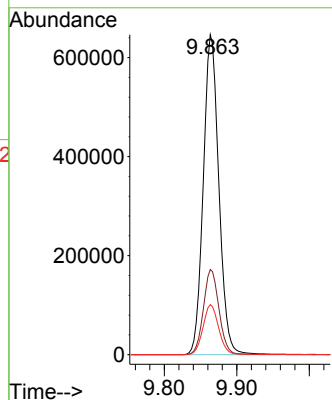


#60
Isopropylbenzene
Concen: 25.124 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Instrument :
MSVOA_V
ClientSampleId :

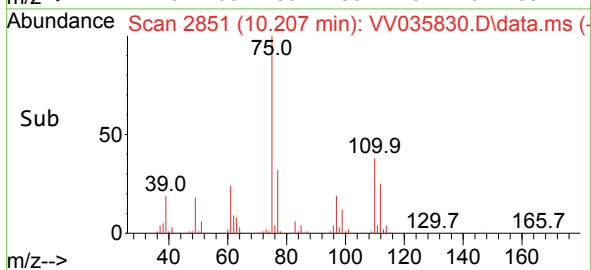
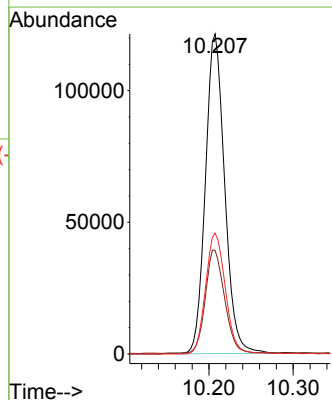
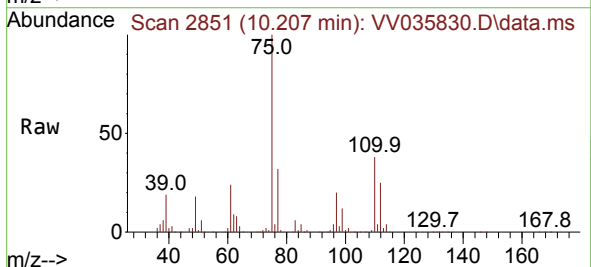


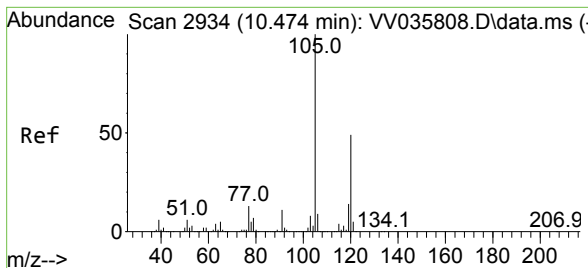
Tgt Ion:105 Resp: 964462
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.7 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 28.585 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Tgt Ion: 75 Resp: 193036
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 39.0 31.8 47.8

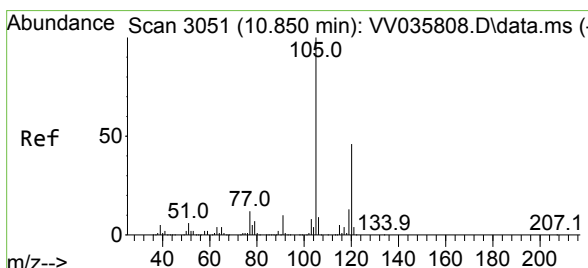
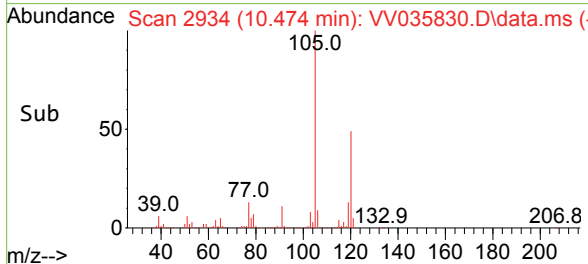
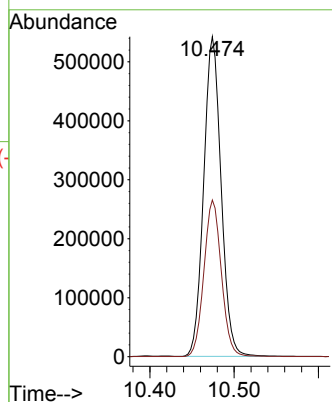
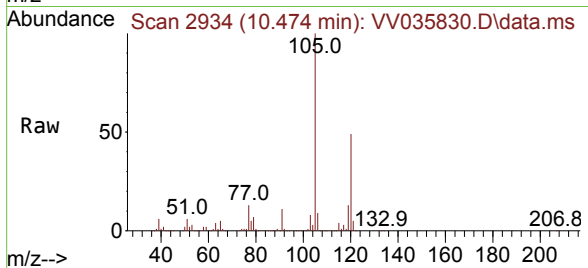




#62
1,3,5-Trimethylbenzene
Concen: 25.960 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

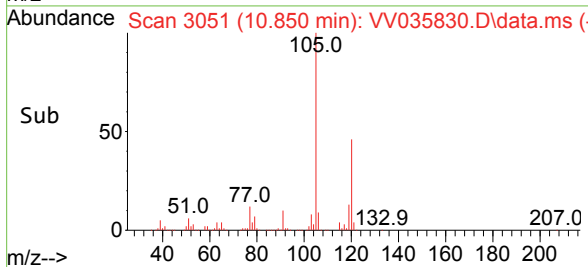
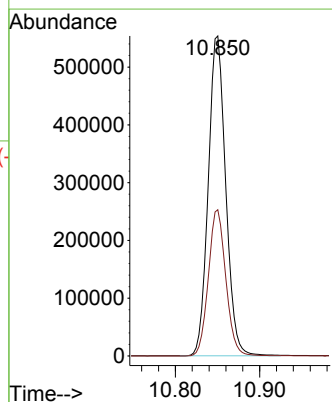
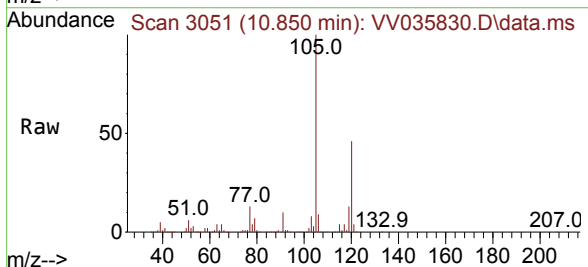
Instrument :
MSVOA_V
ClientSampleId :

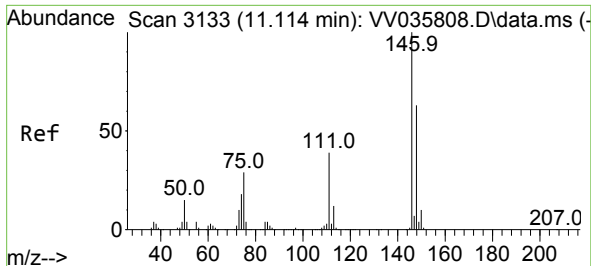
Tgt Ion:105 Resp: 781787
Ion Ratio Lower Upper
105 100
120 49.1 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 25.846 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

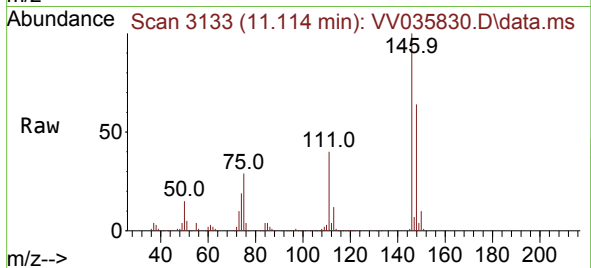
Tgt Ion:105 Resp: 799856
Ion Ratio Lower Upper
105 100
120 45.6 36.6 55.0



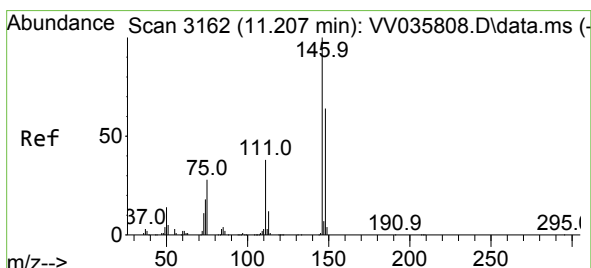
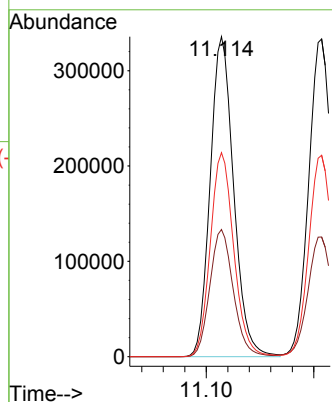
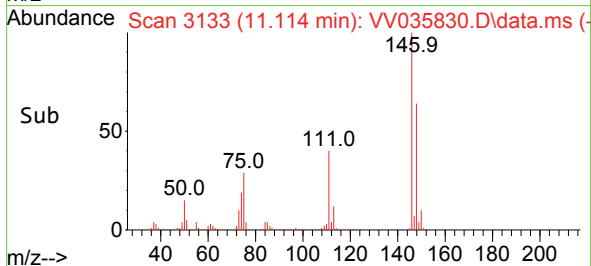


#64
1,3-Dichlorobenzene
Concen: 25.224 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

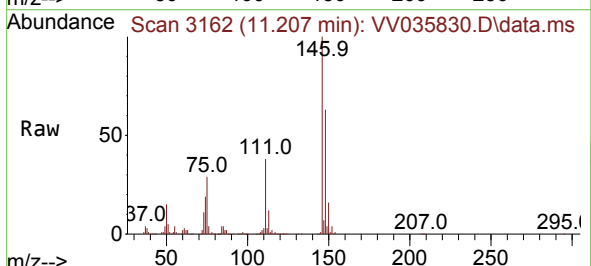
Instrument :
MSVOA_V
ClientSampleId :



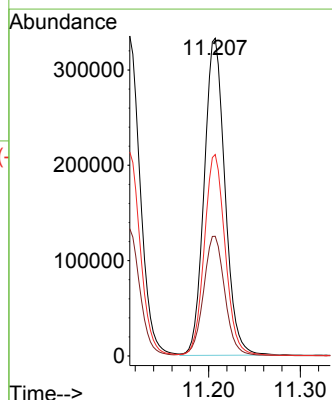
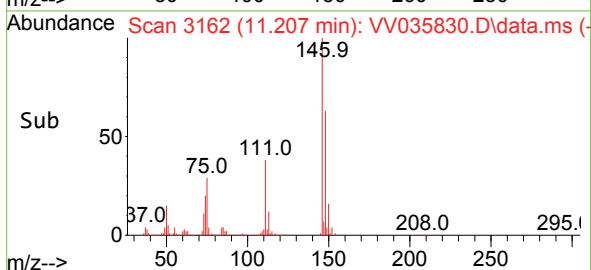
Tgt Ion:146 Resp: 508159
Ion Ratio Lower Upper
146 100
111 39.8 27.0 50.2
148 63.8 44.3 82.3

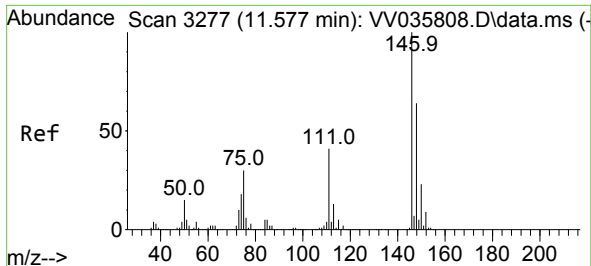


#65
1,4-Dichlorobenzene
Concen: 25.099 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44



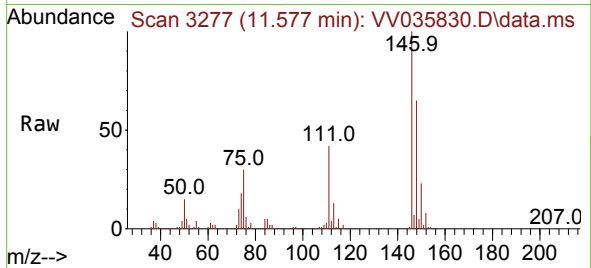
Tgt Ion:146 Resp: 523464
Ion Ratio Lower Upper
146 100
111 37.7 26.2 48.6
148 63.4 44.9 83.3



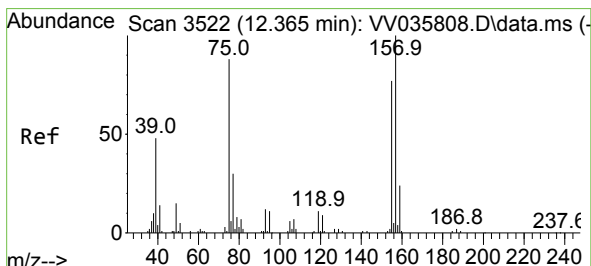
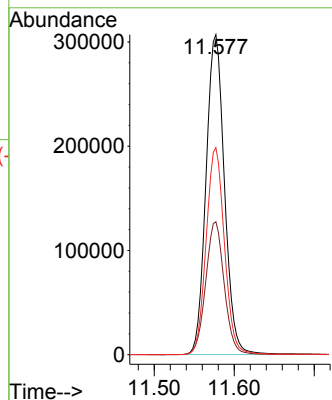
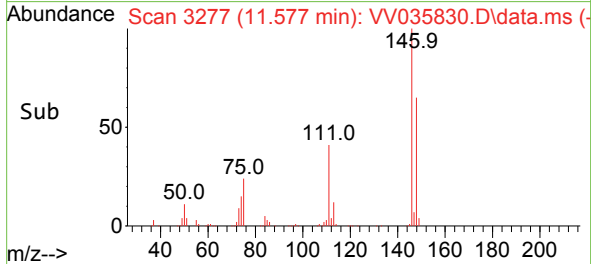


#67
 1,2-Dichlorobenzene
 Concen: 25.976 ug/L
 RT: 11.577 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV035830.D
 Acq: 26 May 2024 04:44

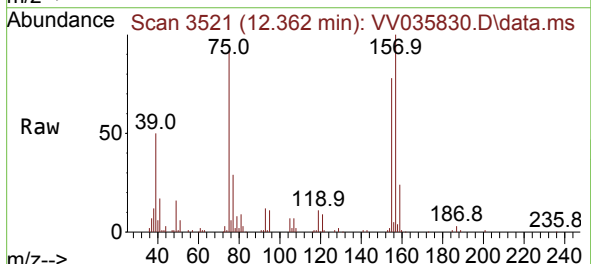
Instrument :
 MSVOA_V
 ClientSampleId :



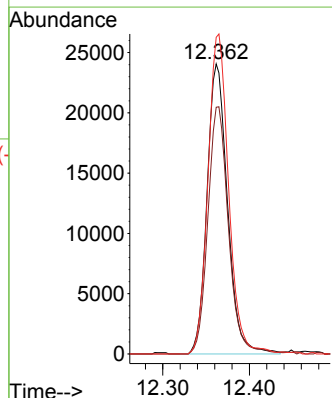
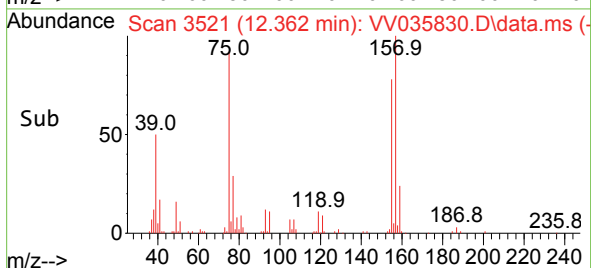
Tgt Ion:146 Resp: 492615
 Ion Ratio Lower Upper
 146 100
 111 41.6 32.6 48.8
 148 64.7 51.1 76.7

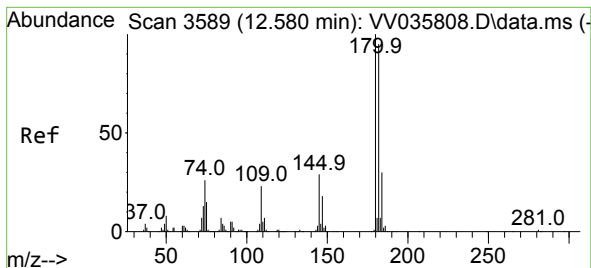


#68
 1,2-Dibromo-3-chloropropane
 Concen: 25.301 ug/L
 RT: 12.362 min Scan# 3521
 Delta R.T. -0.003 min
 Lab File: VV035830.D
 Acq: 26 May 2024 04:44



Tgt Ion: 75 Resp: 39626
 Ion Ratio Lower Upper
 75 100
 155 85.1 69.8 104.6
 157 109.1 95.0 142.6





#69

1,3,5-Trichlorobenzene

Concen: 20.455 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

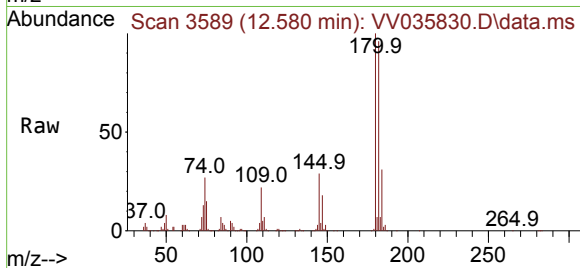
Lab File: VV035830.D

Acq: 26 May 2024 04:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 322020

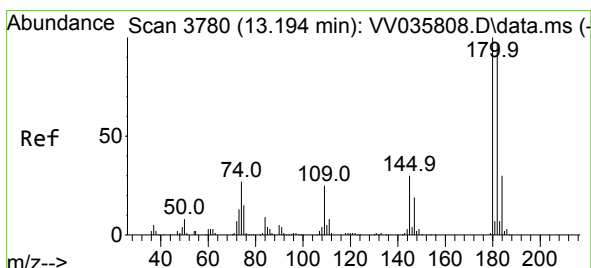
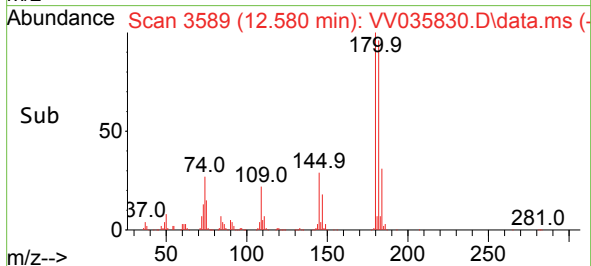
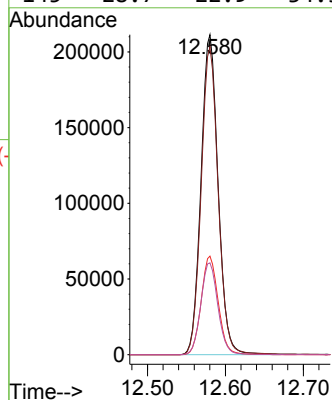
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

184 30.6 24.1 36.1

145 28.7 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 19.932 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035830.D

Acq: 26 May 2024 04:44

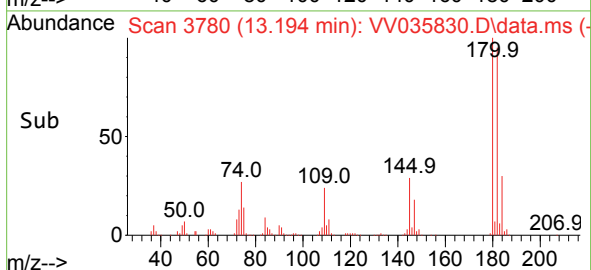
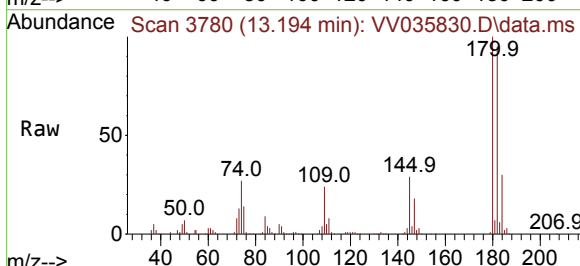
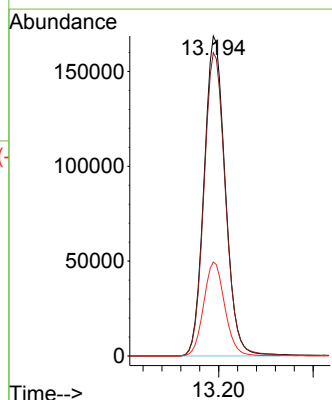
Tgt Ion:180 Resp: 262015

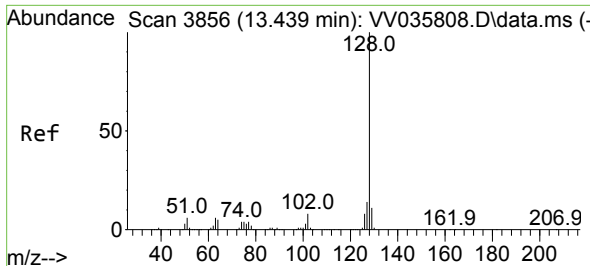
Ion Ratio Lower Upper

180 100

182 96.2 76.6 114.8

145 29.4 23.2 34.8

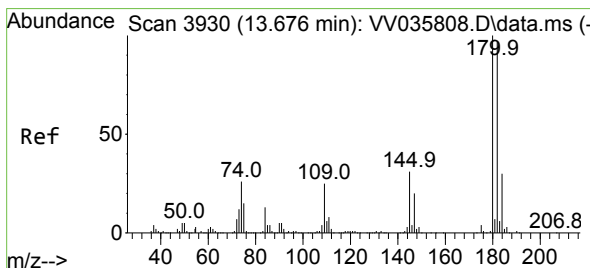
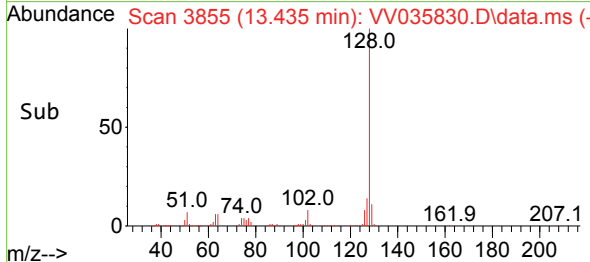
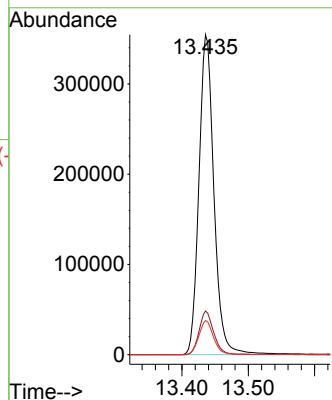
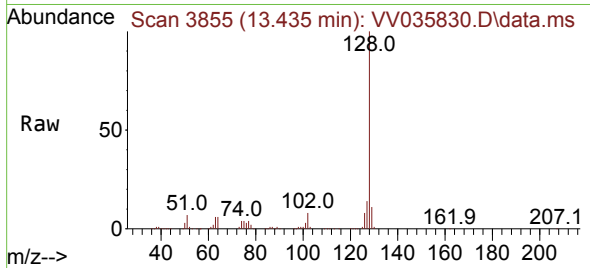




#71
Naphthalene
Concen: 24.203 ug/L
RT: 13.435 min Scan# 3856
Delta R.T. -0.003 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 558560
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.5 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 23.248 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035830.D
Acq: 26 May 2024 04:44

Tgt Ion:180 Resp: 274928
Ion Ratio Lower Upper
180 100
182 95.8 75.8 113.6
145 31.0 25.2 37.8

