

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027042.D
 Acq On : 28 Jul 2022 16:42
 Operator : SY/MD
 Sample : VSTD05039
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050239

Quant Time: Jul 29 01:27:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	464361	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	464872	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	252287	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	296117	67.028	ug/L	0.00
7) Chloroethane-d5	1.561	69	236674	67.616	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	472869	62.872	ug/L	0.00
21) 2-Butanone-d5	3.886	46	309586	117.046	ug/L	0.00
24) Chloroform-d	4.342	84	528134	66.376	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	306621	67.885	ug/L	0.00
32) Benzene-d6	5.043	84	1123878	68.846	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	335852	67.218	ug/L	0.00
41) Toluene-d8	7.313	98	1022558	69.301	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	147775	66.953	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	292327	136.097	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	497499	66.038	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	361960	63.823	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	225965	46.888	ug/L	99
3) Chloromethane	1.236	50	210023	47.659	ug/L	99
5) Vinyl chloride	1.307	62	222797	47.664	ug/L	100
6) Bromomethane	1.516	94	136004	47.377	ug/L	99
8) Chloroethane	1.580	64	130108	47.407	ug/L	99
9) Trichlorofluoromethane	1.748	101	284574	47.454	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	163207	47.145	ug/L	99
12) 1,1-Dichloroethene	2.111	96	161381	47.712	ug/L #	82
13) Acetone	2.178	43	113300	65.305	ug/L	78
14) Carbon disulfide	2.285	76	493116	45.953	ug/L	100
15) Methyl Acetate	2.432	43	150529	48.547	ug/L	96
16) Methylene chloride	2.500	84	199009	46.158	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	167343	45.190	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	457069	44.937	ug/L	100
19) 1,1-Dichloroethane	3.182	63	302751	46.818	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	176256	46.027	ug/L	100
22) 2-Butanone	3.973	43	212105	89.543	ug/L	96
23) Bromochloromethane	4.243	128	100333	48.638	ug/L	99
25) Chloroform	4.368	83	323172	47.402	ug/L	98
27) 1,2-Dichloroethane	5.127	62	220259	46.949	ug/L	99
29) Cyclohexane	4.670	56	230226	46.094	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	272365	45.648	ug/L	99
31) Carbon tetrachloride	4.821	117	237876	45.796	ug/L	98
33) Benzene	5.095	78	720059	48.064	ug/L	100
34) Trichloroethene	5.911	95	171995	44.606	ug/L	98
35) Methylcyclohexane	6.127	83	267998	46.589	ug/L	99
37) 1,2-Dichloropropane	6.169	63	178576	47.627	ug/L	99
38) Bromodichloromethane	6.506	83	230432	46.270	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	255943	47.583	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	443026	93.418	ug/L	99
42) Toluene	7.384	91	740285	47.926	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	244926	46.837	ug/L	99

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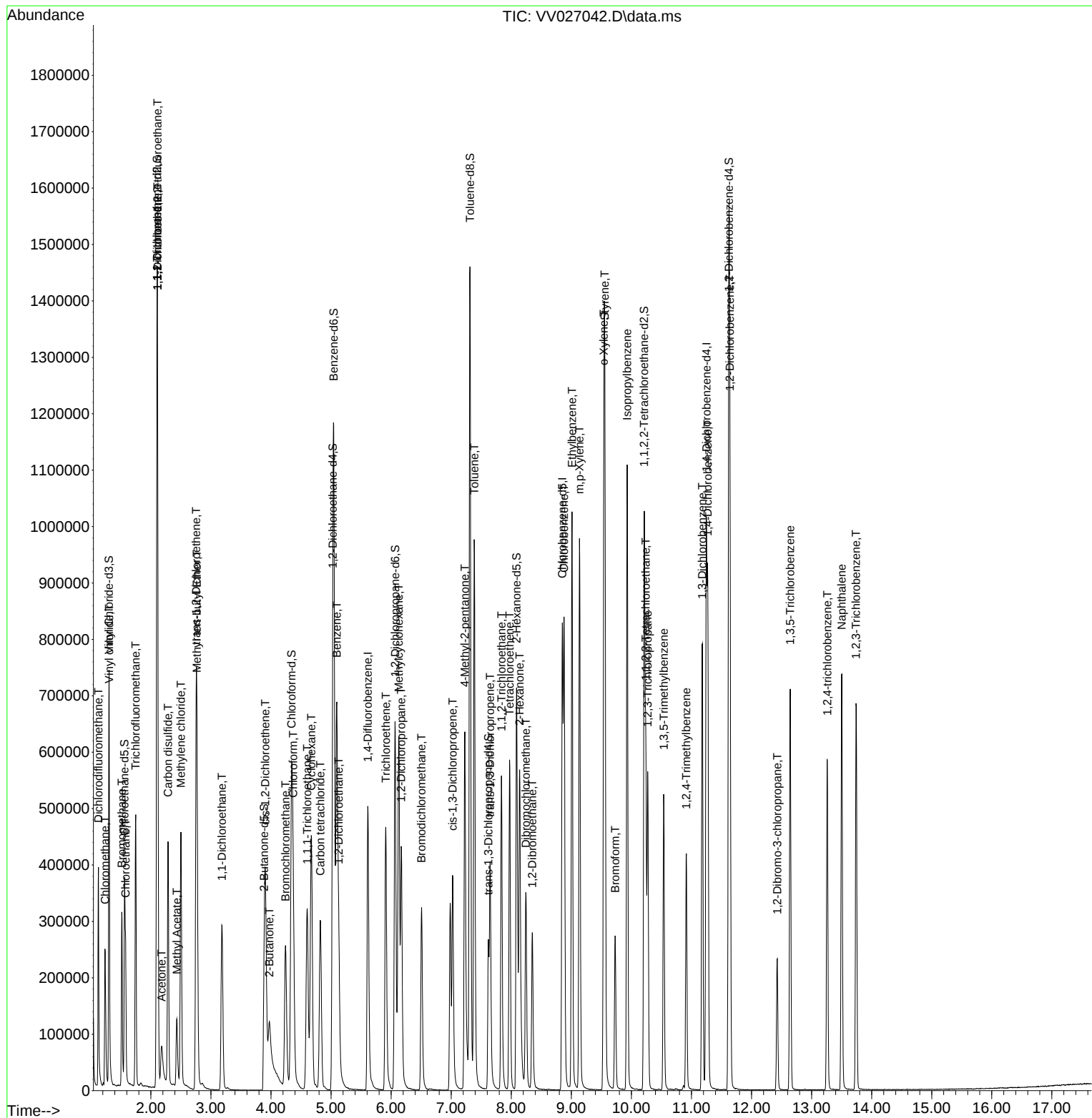
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	185827	46.292	ug/L	99
46) Tetrachloroethene	7.972	164	135153	44.813	ug/L	99
48) 2-Hexanone	8.140	43	370634	99.172	ug/L	100
49) Dibromochloromethane	8.242	129	187405	45.395	ug/L	98
50) 1,2-Dibromoethane	8.349	107	190028	45.144	ug/L	97
51) Chlorobenzene	8.879	112	469619	45.082	ug/L	98
52) Ethylbenzene	9.011	91	709004	45.332	ug/L	99
53) m,p-Xylene	9.136	106	286308	46.540	ug/L	100
54) o-Xylene	9.541	106	273407	46.150	ug/L	98
55) Styrene	9.558	104	511787	49.360	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	298064	46.054	ug/L	100
59) Bromoform	9.731	173	127585	44.520	ug/L	99
60) Isopropylbenzene	9.931	105	697870	44.327	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	234223	44.267	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	282194	41.877	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	226648	42.148	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	335087	43.843	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	353194	43.854	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	357769	44.824	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	59596	42.960	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	221395	42.709	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	180083	40.588	ug/L	98
71) Naphthalene	13.503	128	592622	38.387	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	203324	42.250	ug/L	99

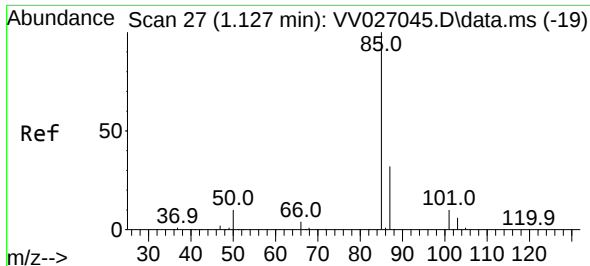
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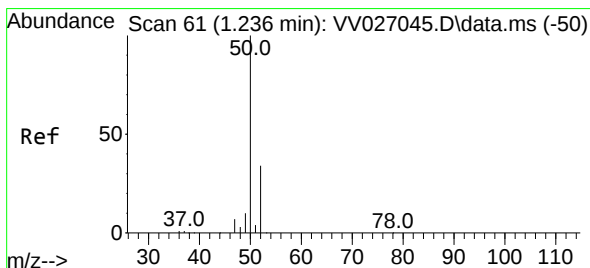
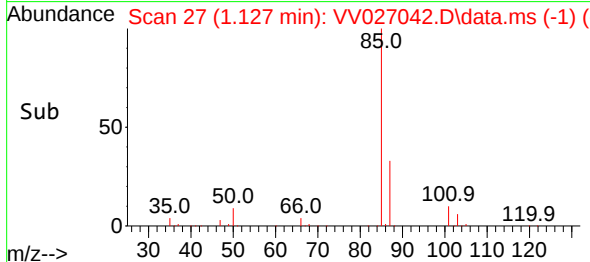
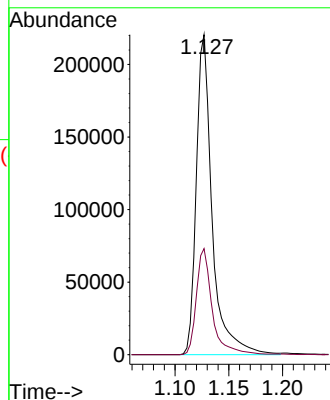
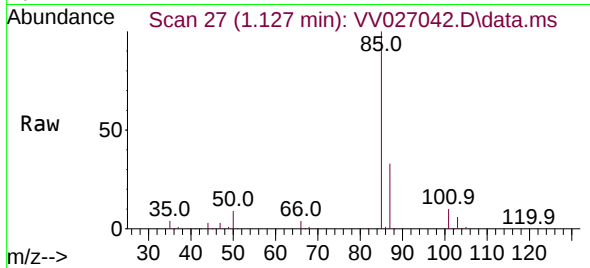




#2
 Dichlorodifluoromethane
 Concen: 46.888 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027042.D
 Acq: 28 Jul 2022 16:42

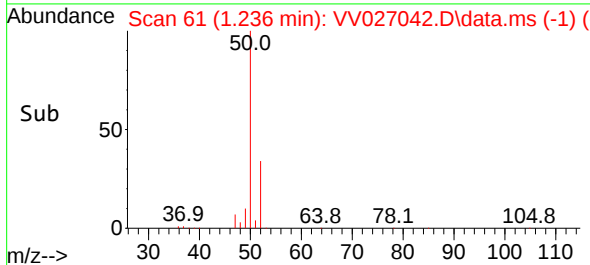
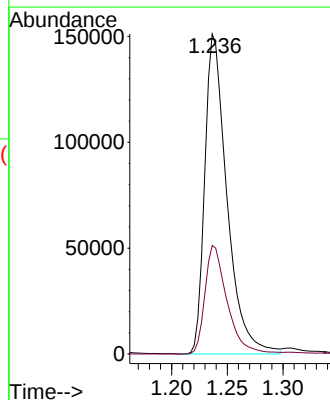
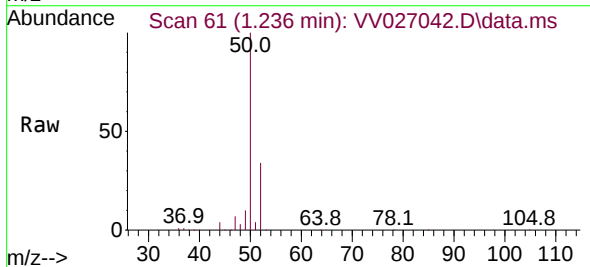
Instrument :
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 ClientSampleId :
 VSTD050239

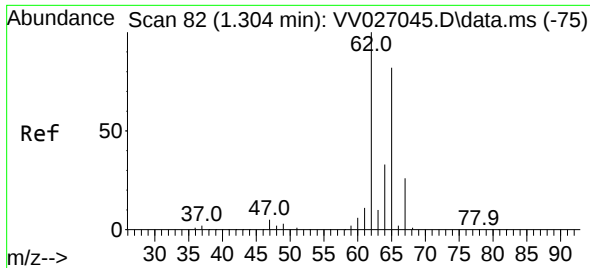
Tgt Ion: 85 Resp: 225965
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.1 39.1



#3
 Chloromethane
 Concen: 47.659 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027042.D
 Acq: 28 Jul 2022 16:42

Tgt Ion: 50 Resp: 210023
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.5 43.7

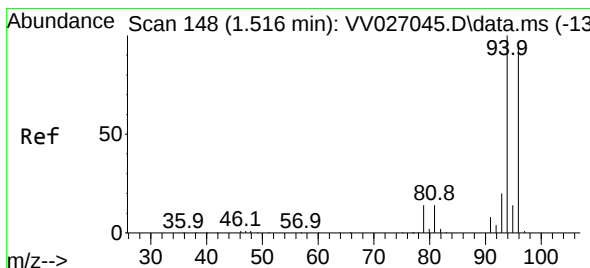
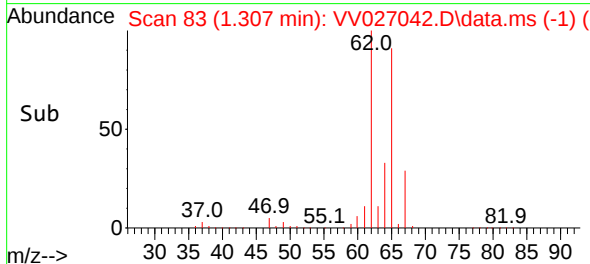
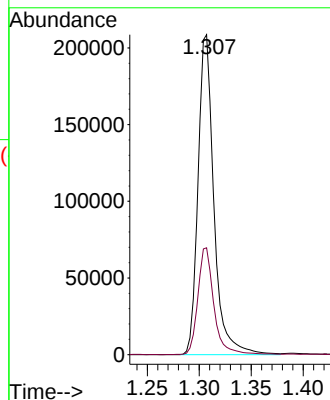
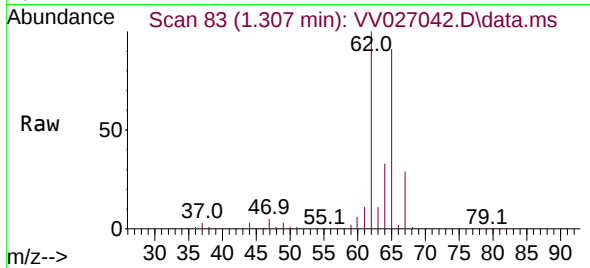




#5
 Vinyl chloride
 Concen: 47.664 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027042.D
 Acq: 28 Jul 2022 16:42

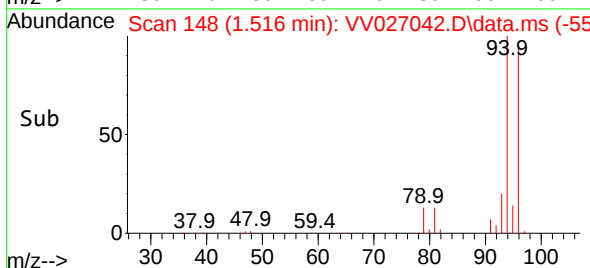
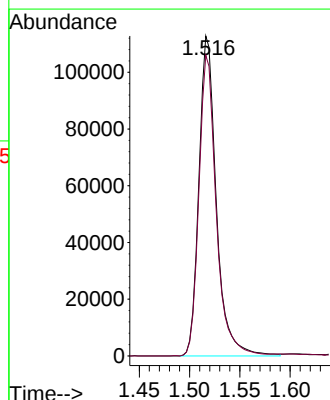
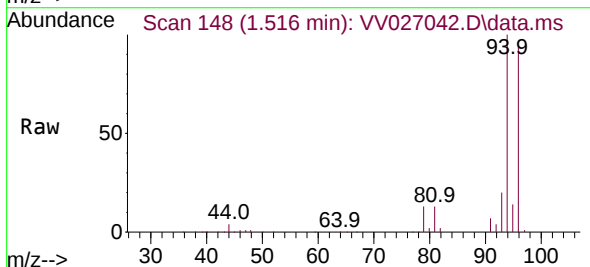
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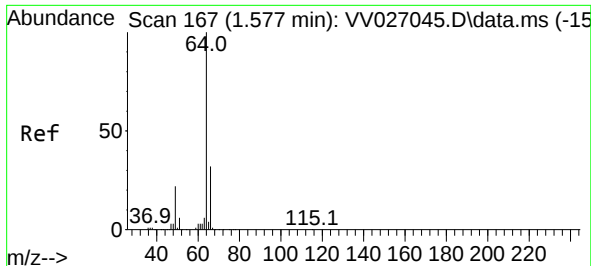
Tgt Ion: 62 Resp: 222797
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.2



#6
 Bromomethane
 Concen: 47.377 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027042.D
 Acq: 28 Jul 2022 16:42

Tgt Ion: 94 Resp: 136004
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.1 122.8

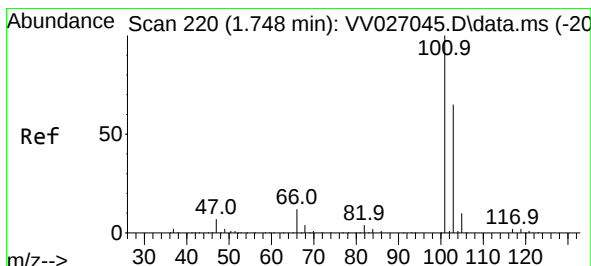
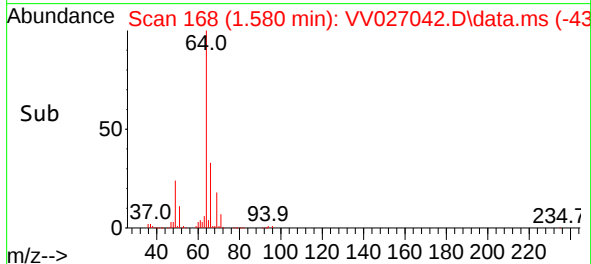
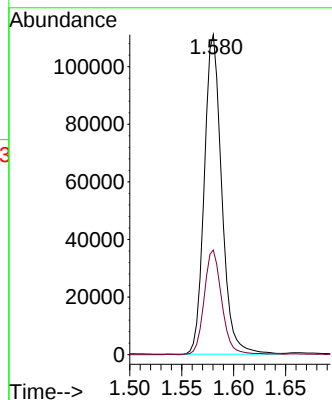
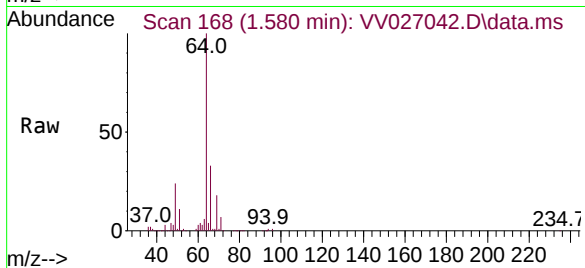




#8
Chloroethane
Concen: 47.407 ug/L
RT: 1.580 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

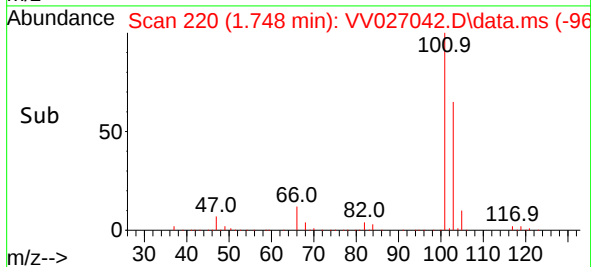
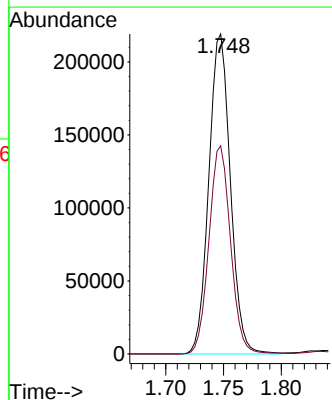
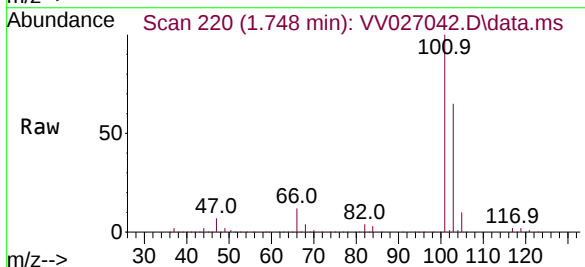
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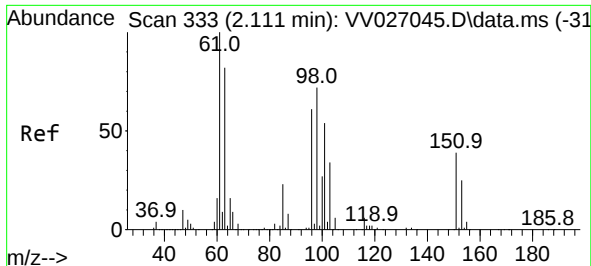
Tgt Ion: 64 Resp: 130108
Ion Ratio Lower Upper
64 100
66 32.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 47.454 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion:101 Resp: 284574
Ion Ratio Lower Upper
101 100
103 65.1 52.4 78.6

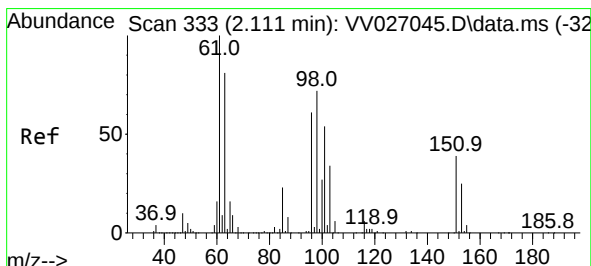
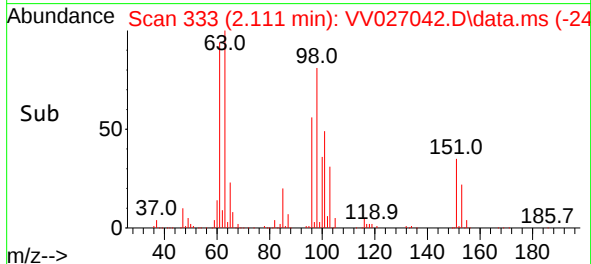
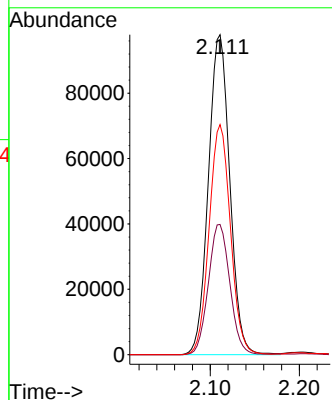
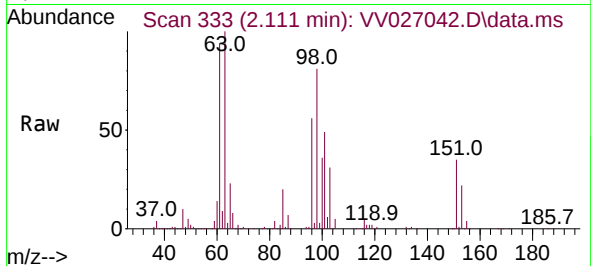




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.145 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027042.D
 Acq: 28 Jul 2022 16:42

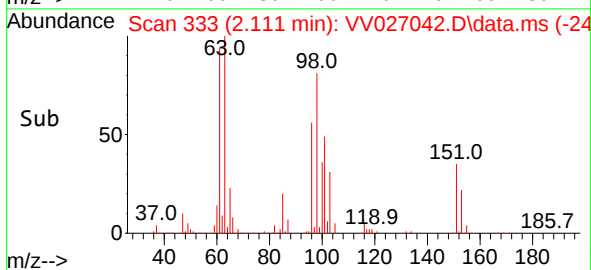
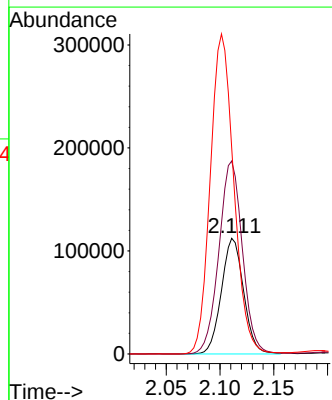
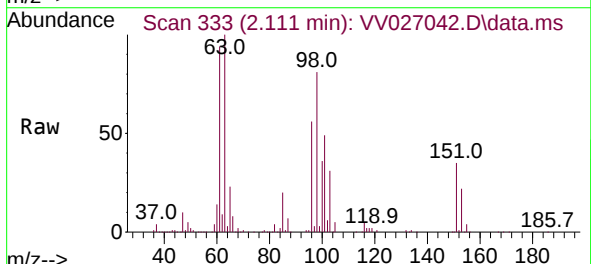
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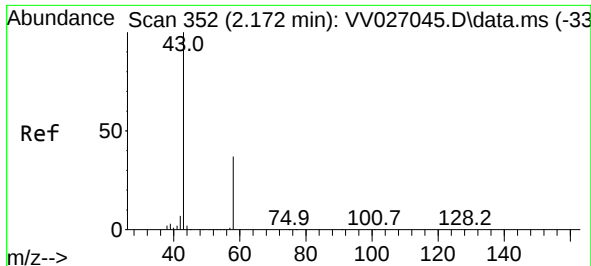
Tgt Ion:101 Resp: 163207
 Ion Ratio Lower Upper
 101 100
 85 40.9 34.1 51.1
 151 71.8 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 47.712 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027042.D
 Acq: 28 Jul 2022 16:42

Tgt Ion: 96 Resp: 161381
 Ion Ratio Lower Upper
 96 100
 61 166.9 114.3 212.3
 63 178.0 93.4 173.4#





#13

Acetone

Concen: 65.305 ug/L

RT: 2.178 min Scan# 352

Delta R.T. 0.006 min

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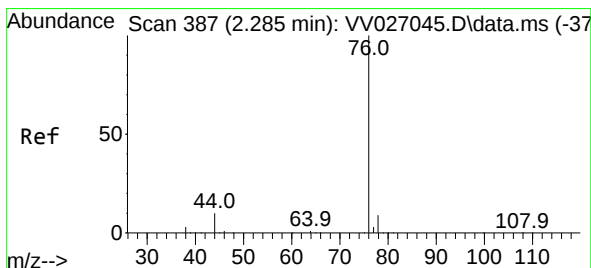
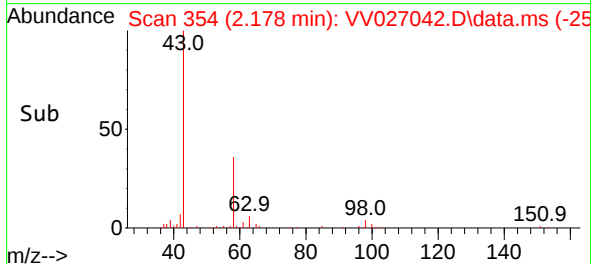
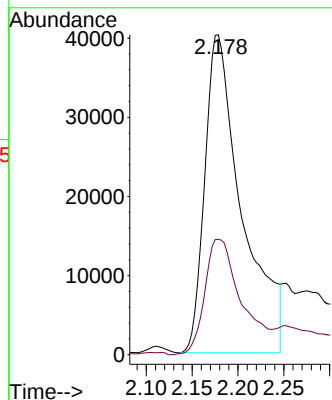
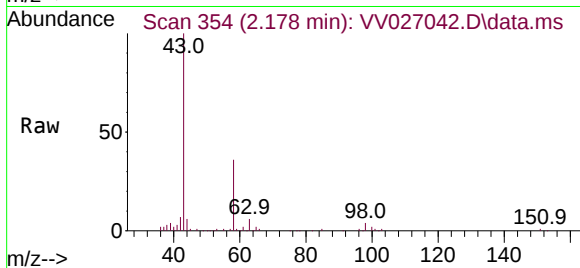
VSTD050239

Tgt Ion: 43 Resp: 113300

Ion Ratio Lower Upper

43 100

58 36.0 0.0 49.6



#14

Carbon disulfide

Concen: 45.953 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV027042.D

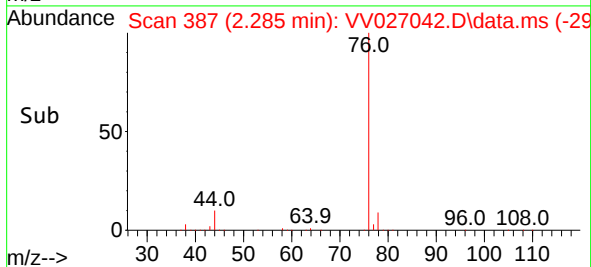
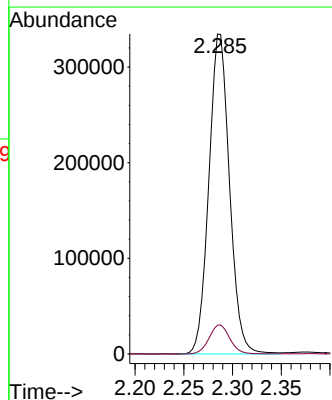
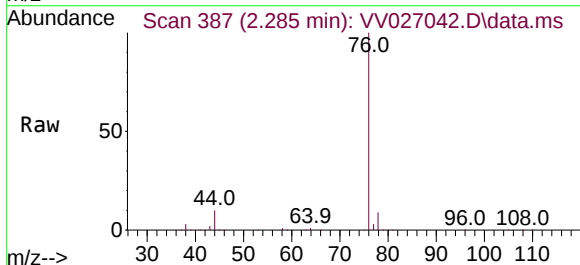
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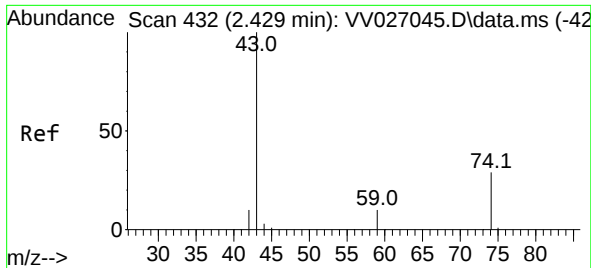
Tgt Ion: 76 Resp: 493116

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

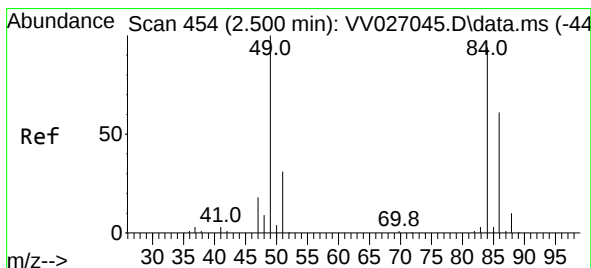
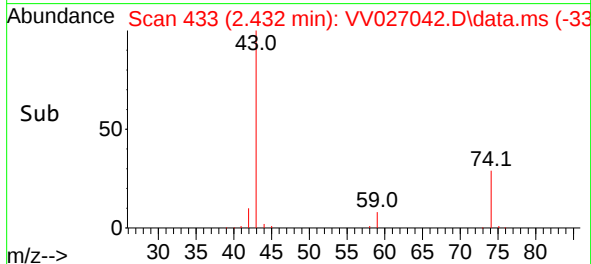
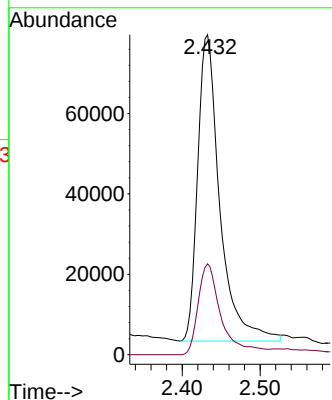
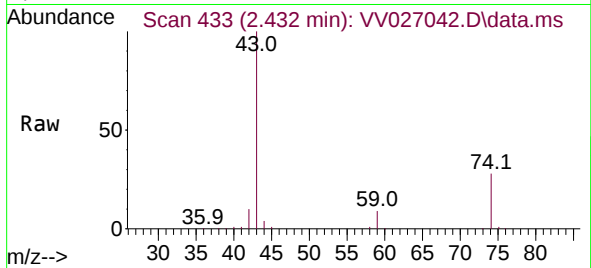




#15
Methyl Acetate
Concen: 48.547 ug/L
RT: 2.432 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

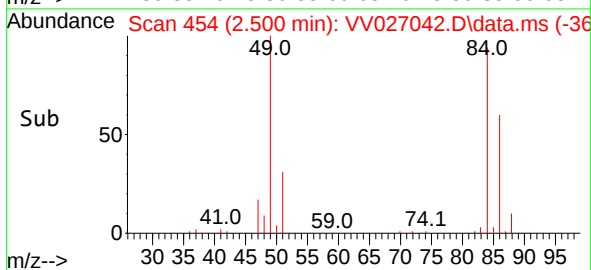
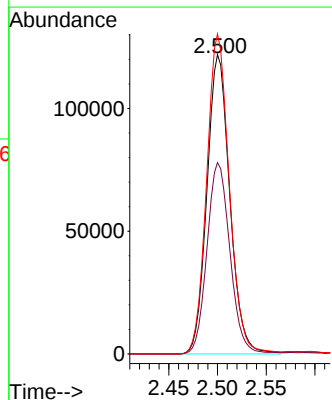
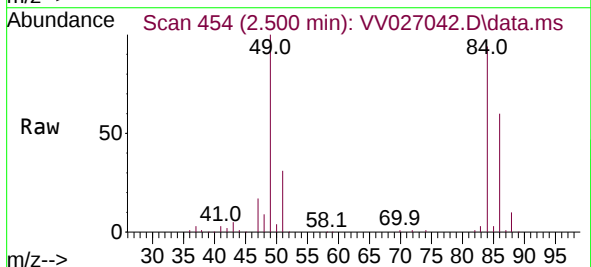
Instrument :
MSVOA_V
ClientSampleId :
VSTD050239

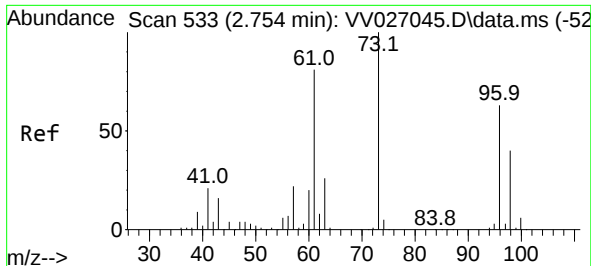
Tgt Ion: 43 Resp: 150529
Ion Ratio Lower Upper
43 100
74 29.4 25.5 38.3



#16
Methylene chloride
Concen: 46.158 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion: 84 Resp: 199009
Ion Ratio Lower Upper
84 100
86 63.9 45.0 83.6
49 106.9 74.1 137.7

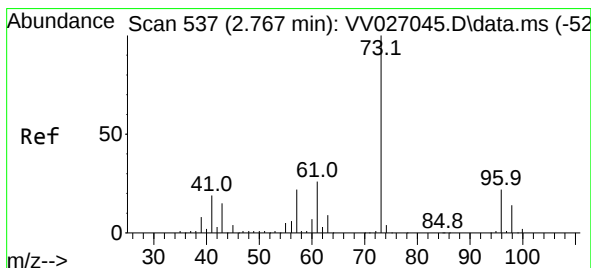
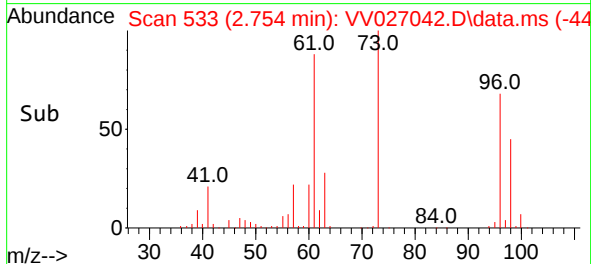
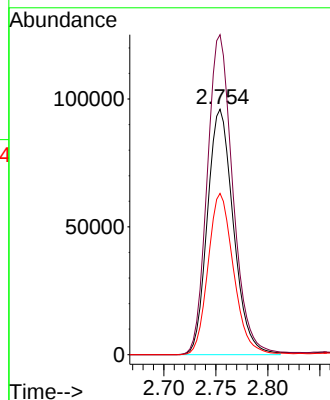
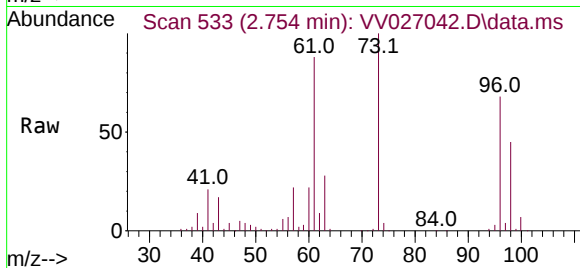




#17
trans-1,2-Dichloroethene
Concen: 45.190 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

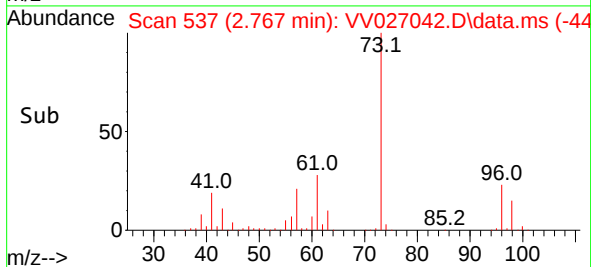
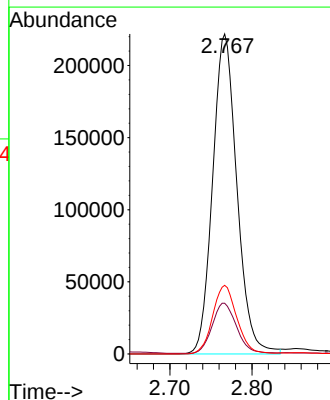
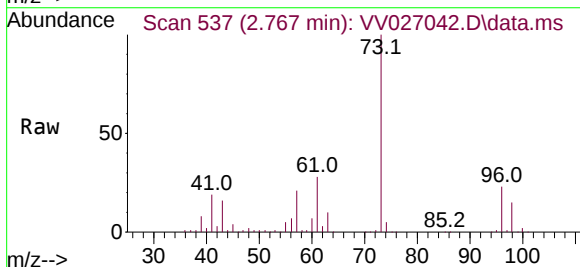
Instrument :
MSVOA_V
ClientSampleId :
VSTD050239

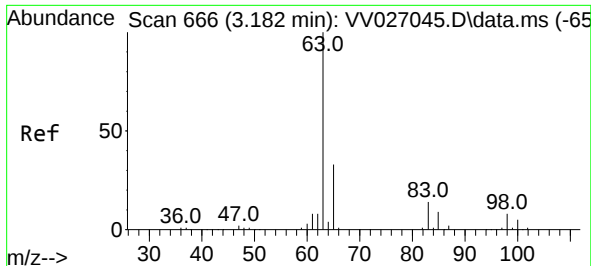
Tgt Ion: 96 Resp: 167343
Ion Ratio Lower Upper
96 100
61 130.4 89.2 165.6
98 65.8 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 44.937 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion: 73 Resp: 457069
Ion Ratio Lower Upper
73 100
43 15.6 12.6 18.8
57 21.4 17.3 25.9





#19

1,1-Dichloroethane

Concen: 46.818 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD050239

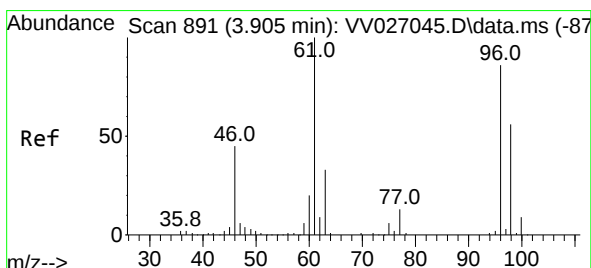
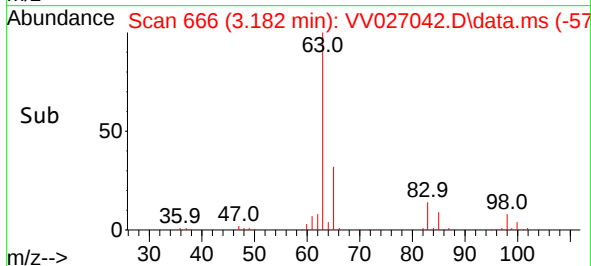
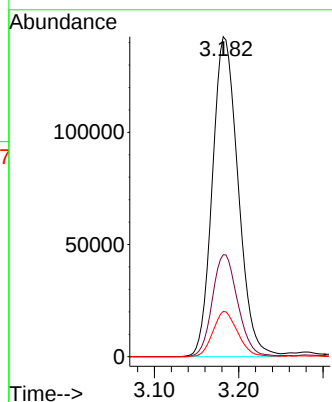
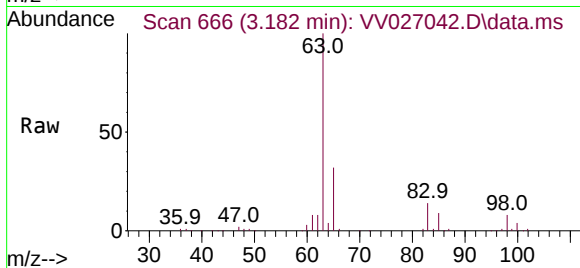
Tgt Ion: 63 Resp: 302751

Ion Ratio Lower Upper

63 100

65 31.9 22.7 42.3

83 14.2 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 46.027 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

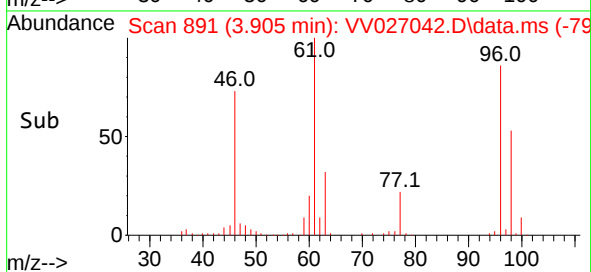
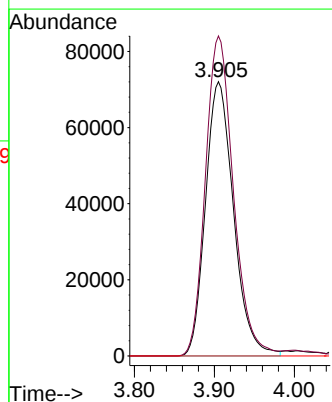
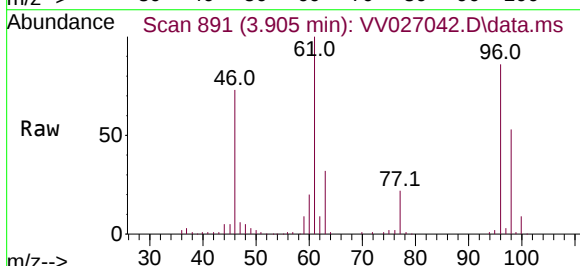
Tgt Ion: 96 Resp: 176256

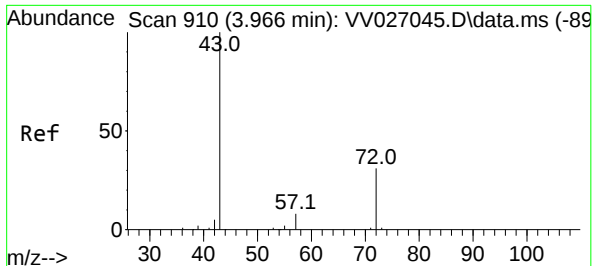
Ion Ratio Lower Upper

96 100

61 116.7 81.8 151.8

68 0.0 0.0 0.0

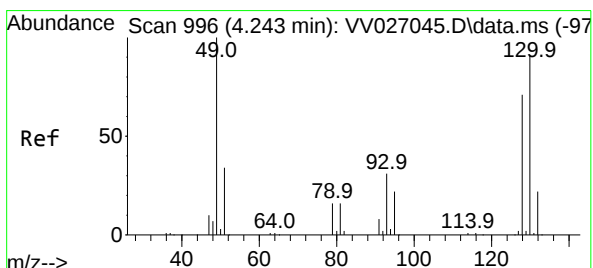
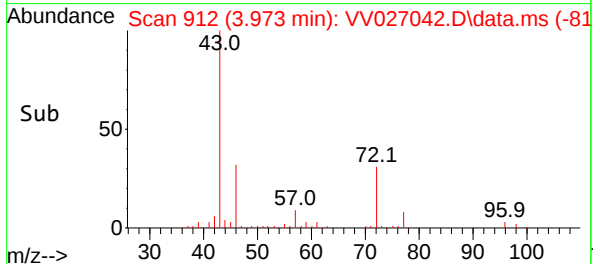
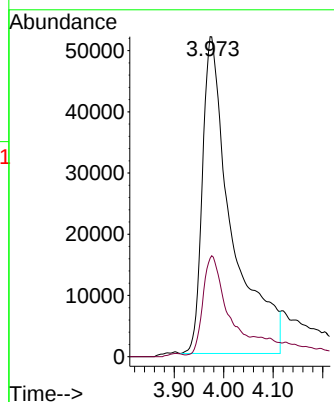
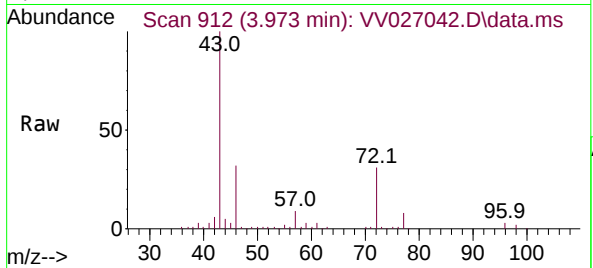




#22
2-Butanone
Concen: 89.543 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.006 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

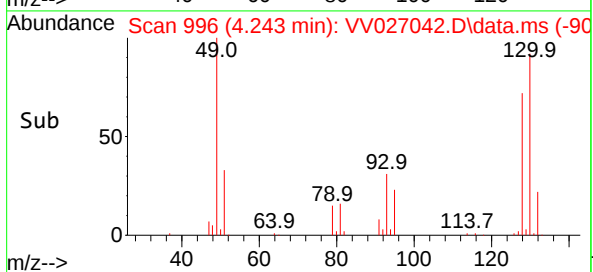
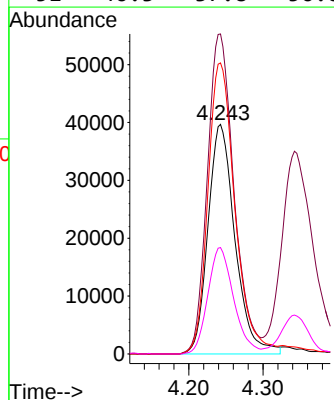
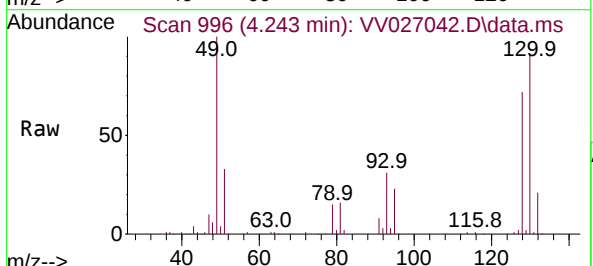
Instrument :
MSVOA_V
ClientSampleId :
VSTD050239

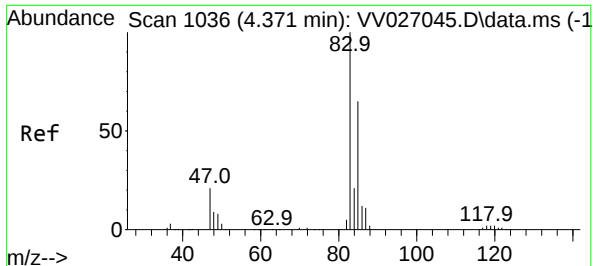
Tgt Ion: 43 Resp: 212105
Ion Ratio Lower Upper
43 100
72 25.6 11.9 35.7



#23
Bromochloromethane
Concen: 48.638 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion:128 Resp: 100333
Ion Ratio Lower Upper
128 100
49 139.4 98.7 183.3
130 126.8 89.5 166.1
51 46.3 37.8 56.8

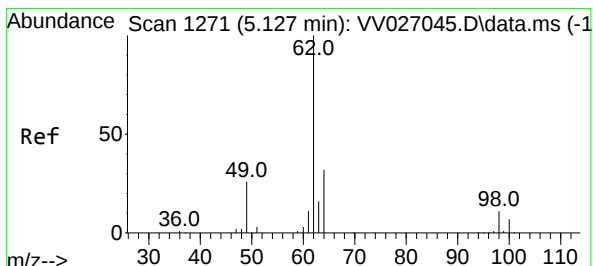
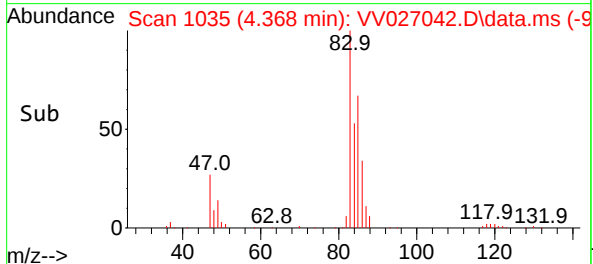
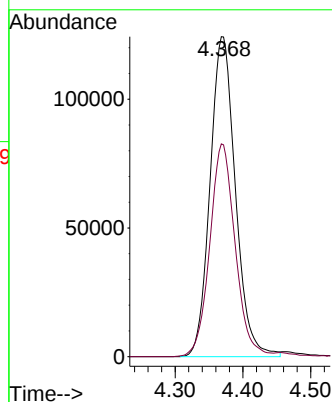
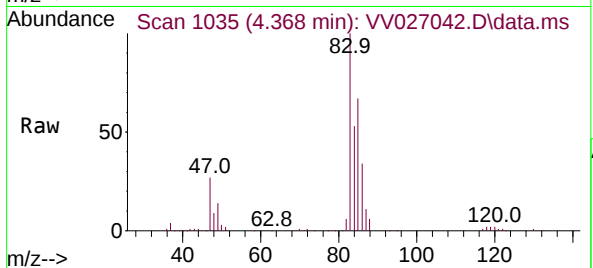




#25
Chloroform
Concen: 47.402 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

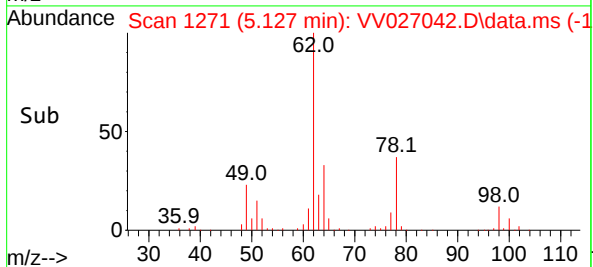
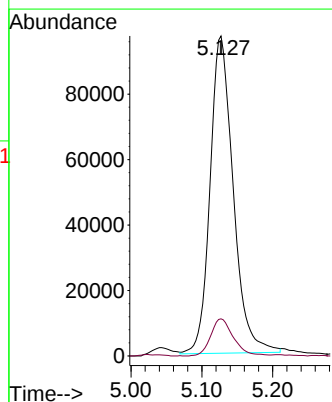
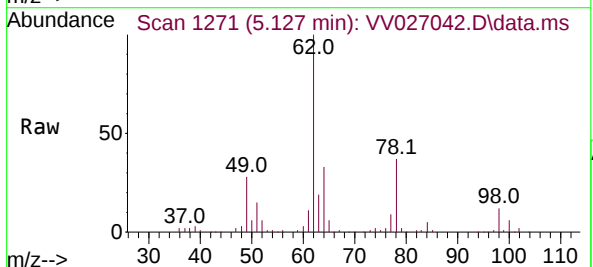
Instrument :
MSVOA_V
ClientSampleId :
VSTD050239

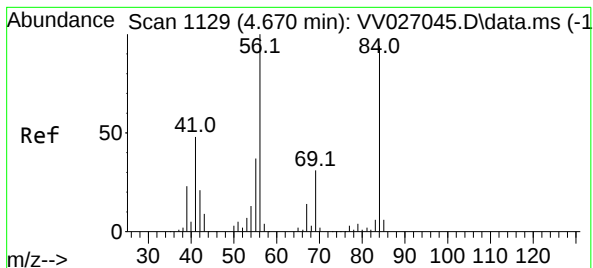
Tgt Ion: 83 Resp: 323172
Ion Ratio Lower Upper
83 100
85 66.5 45.4 84.4



#27
1,2-Dichloroethane
Concen: 46.949 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion: 62 Resp: 220259
Ion Ratio Lower Upper
62 100
98 11.6 9.0 13.6





#29

Cyclohexane

Concen: 46.094 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD050239

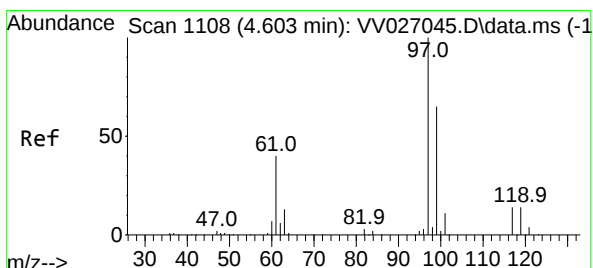
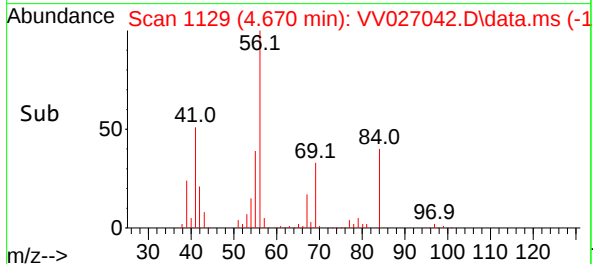
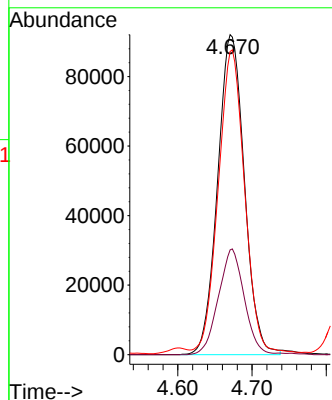
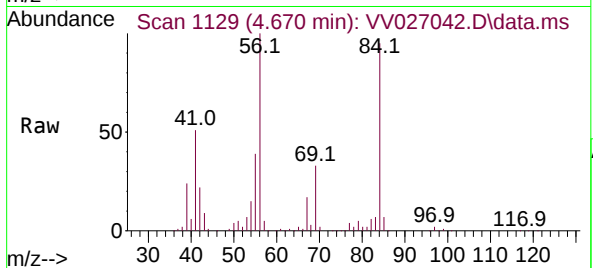
Tgt Ion: 56 Resp: 230226

Ion Ratio Lower Upper

56 100

69 31.9 25.9 38.9

84 93.8 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 45.648 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

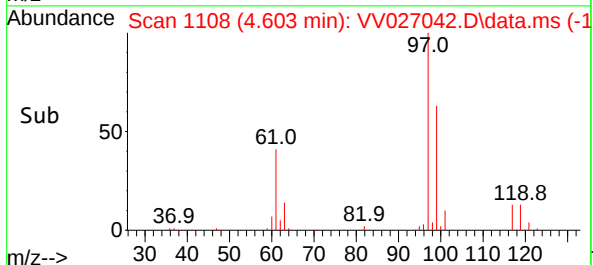
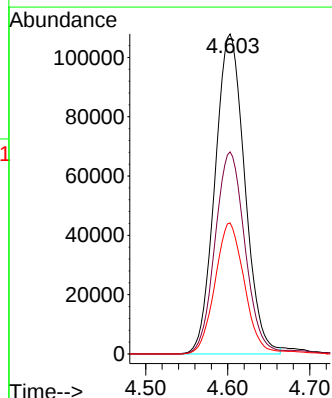
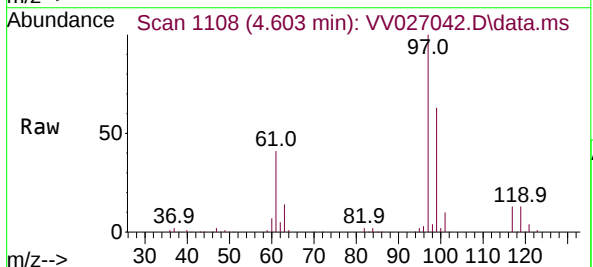
Tgt Ion: 97 Resp: 272365

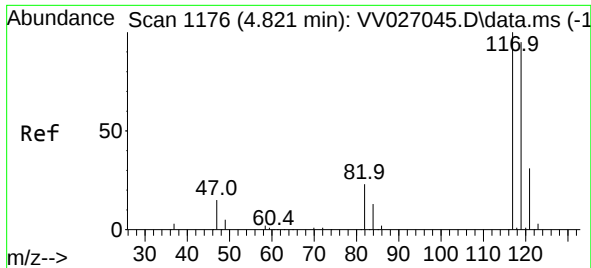
Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.2

61 40.5 32.1 48.1

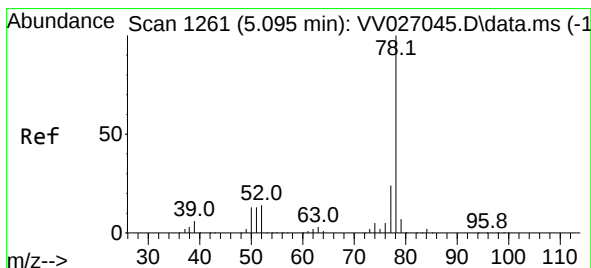
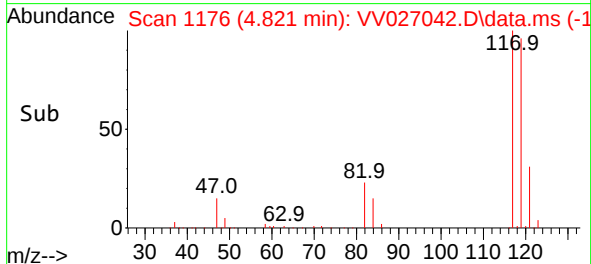
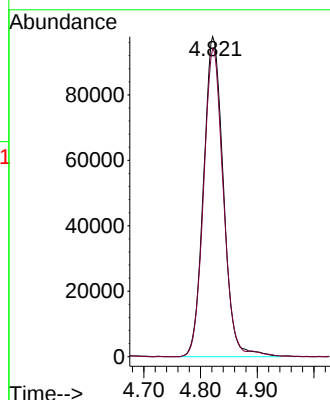
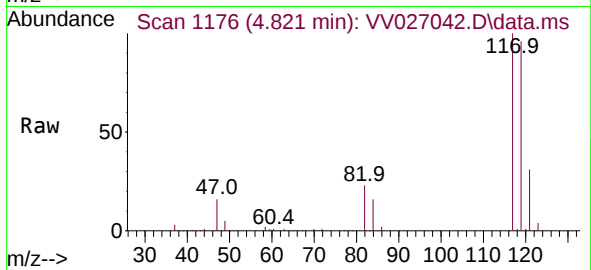




#31
Carbon tetrachloride
Concen: 45.796 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

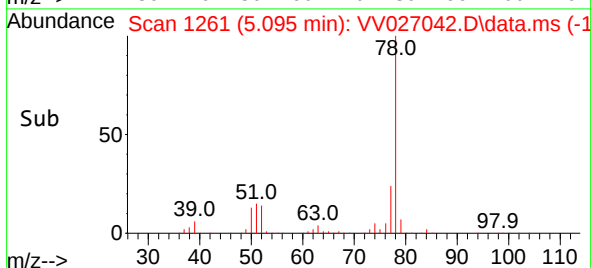
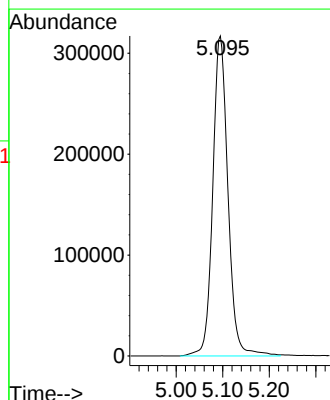
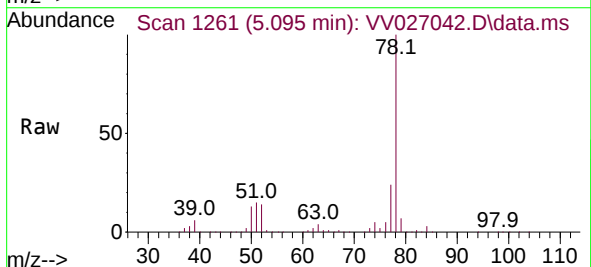
Instrument :
MSVOA_V
ClientSampleId :
VSTD050239

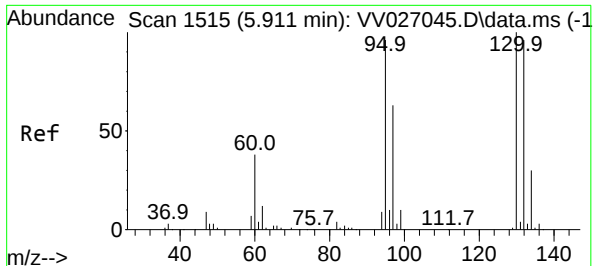
Tgt Ion:117 Resp: 237876
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.6



#33
Benzene
Concen: 48.064 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion: 78 Resp: 720059



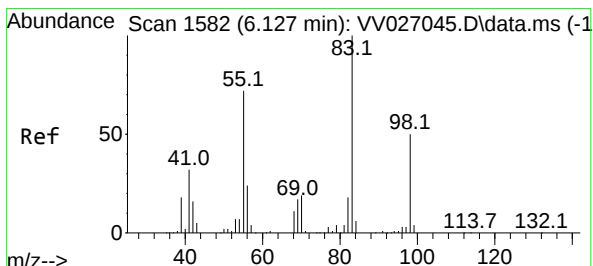
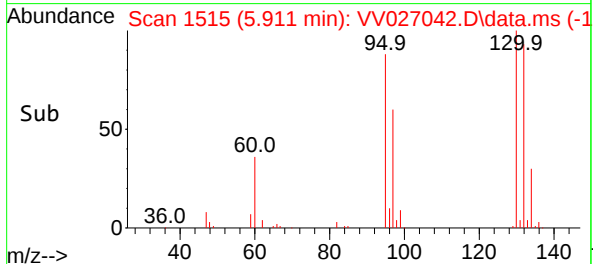
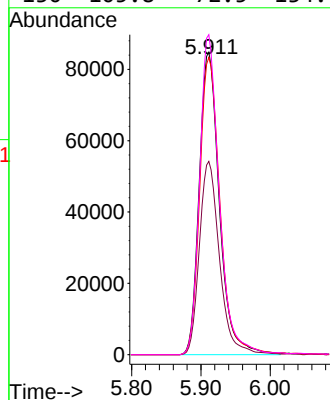
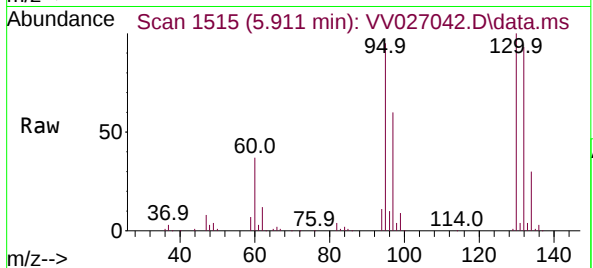


#34
Trichloroethene
Concen: 44.606 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD050239

Tgt Ion: 95 Resp: 171995

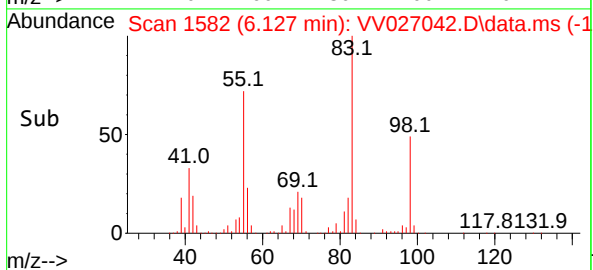
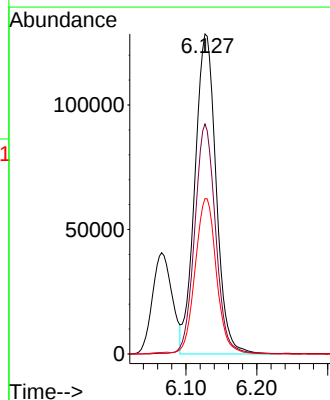
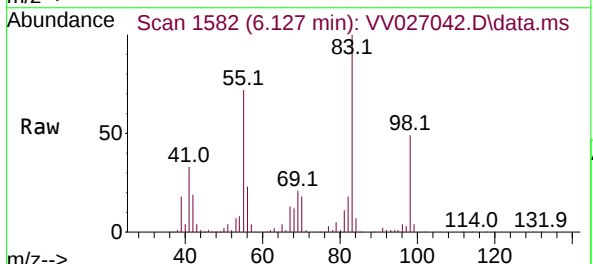
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.9	85.3
132	98.3	69.8	129.6
130	105.8	72.5	134.7

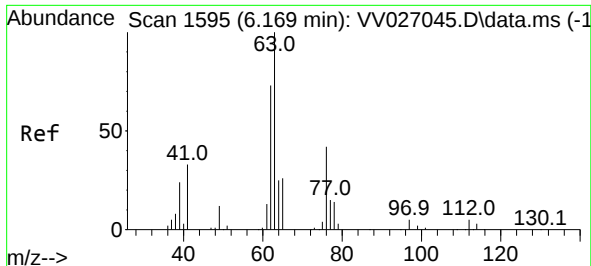


#35
Methylcyclohexane
Concen: 46.589 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion: 83 Resp: 267998

Ion	Ratio	Lower	Upper
83	100		
55	70.6	55.5	83.3
98	48.4	39.0	58.4





#37

1,2-Dichloropropane

Concen: 47.627 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

Instrument :

MSVOA_V

ClientSampleId :

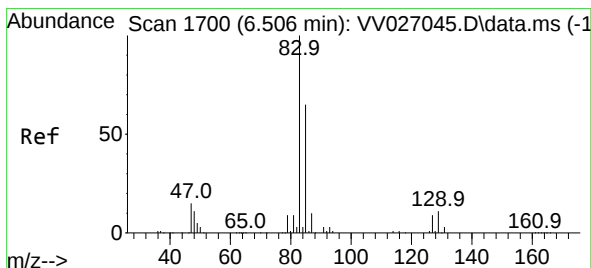
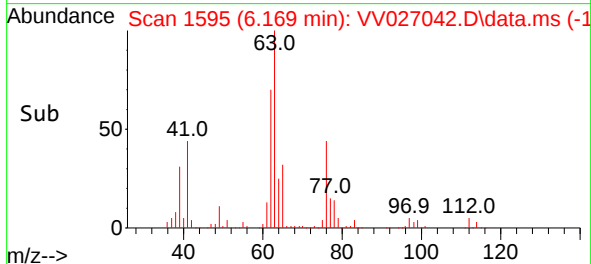
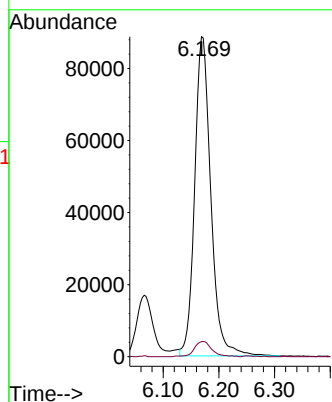
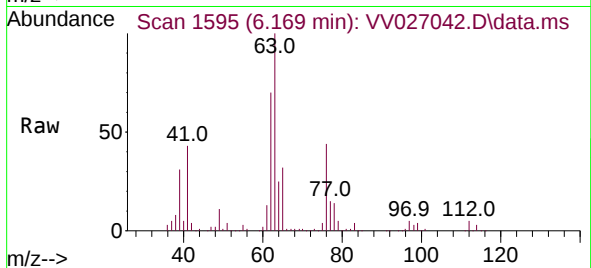
VSTD050239

Tgt Ion: 63 Resp: 178576

Ion Ratio Lower Upper

63 100

112 5.0 3.7 5.5



#38

Bromodichloromethane

Concen: 46.270 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

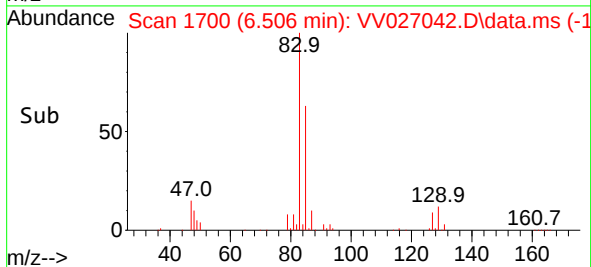
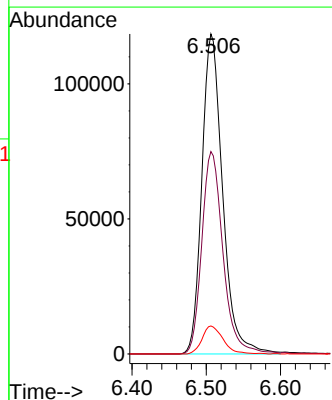
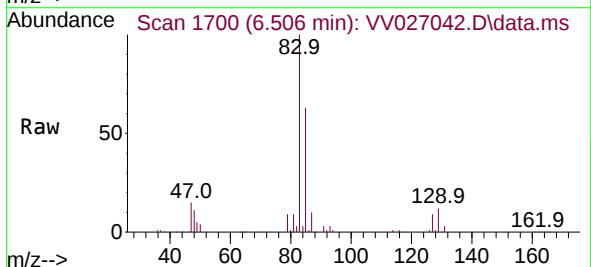
Tgt Ion: 83 Resp: 230432

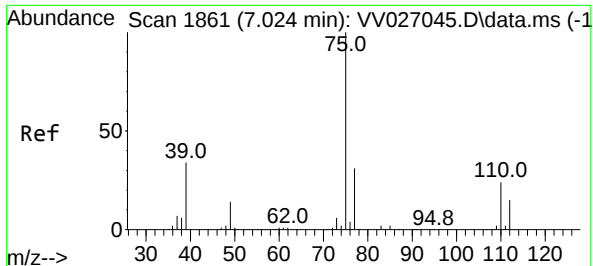
Ion Ratio Lower Upper

83 100

85 63.3 45.5 84.5

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 47.583 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

Instrument :

MSVOA_V

ClientSampleId :

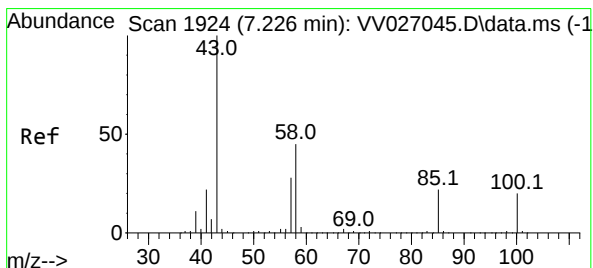
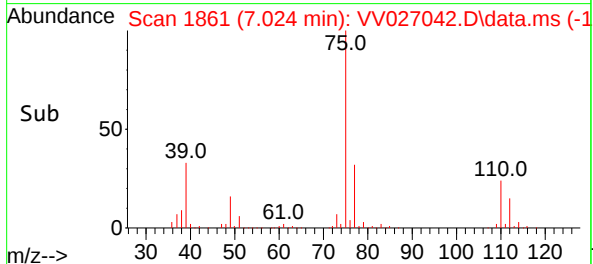
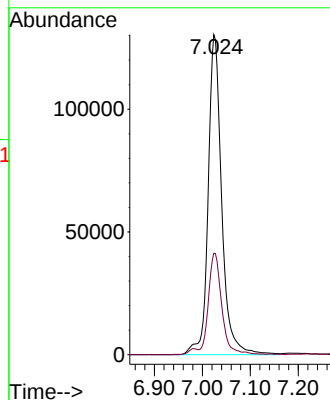
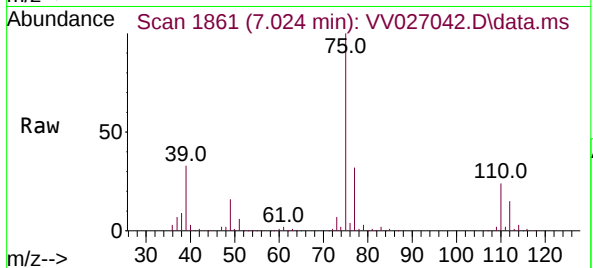
VSTD050239

Tgt Ion: 75 Resp: 255943

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 93.418 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

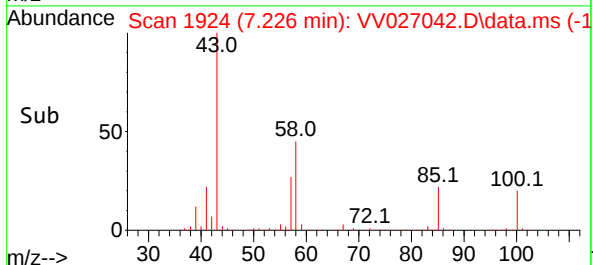
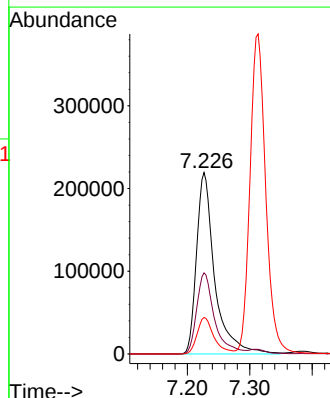
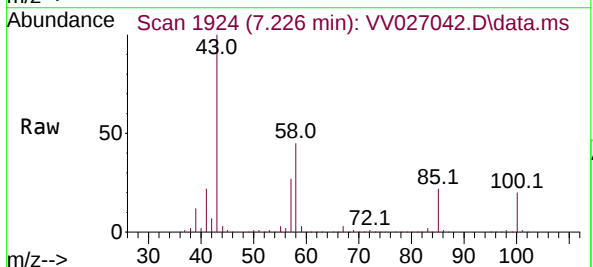
Tgt Ion: 43 Resp: 443026

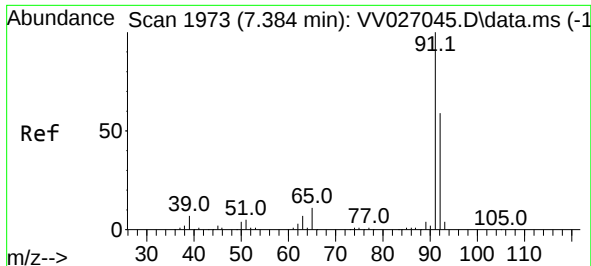
Ion Ratio Lower Upper

43 100

58 43.8 35.3 52.9

100 18.7 15.7 23.5

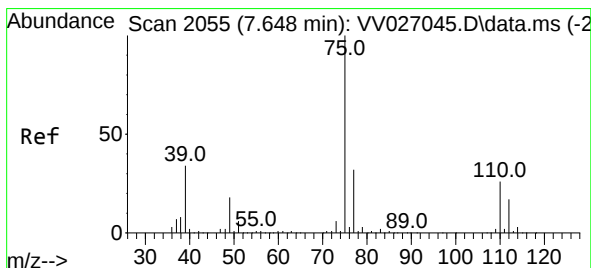
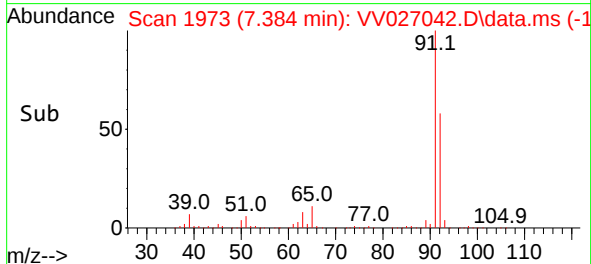
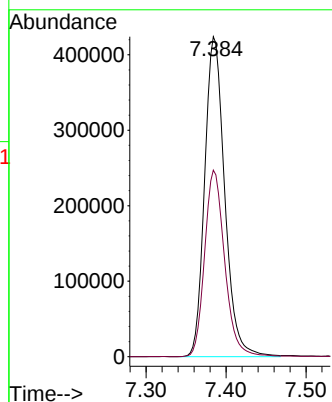
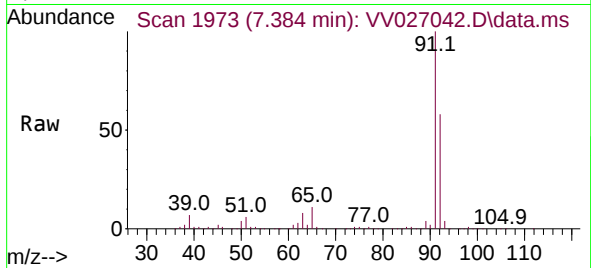




#42
Toluene
Concen: 47.926 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

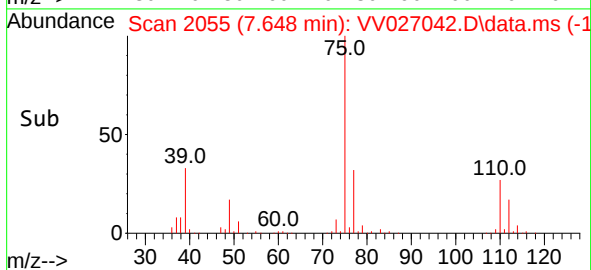
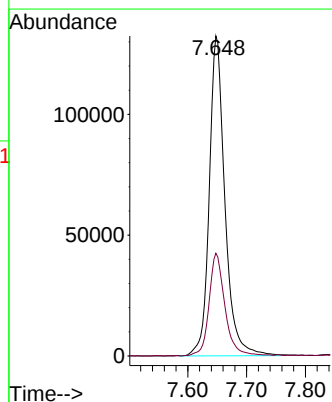
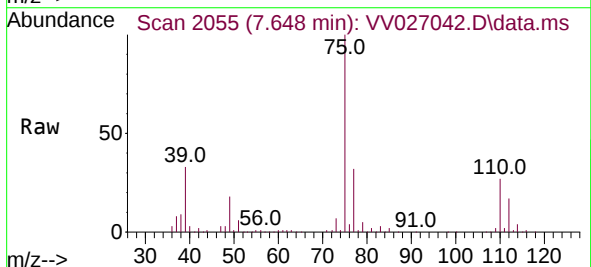
Instrument :
MSVOA_V
ClientSampleId :
VSTD050239

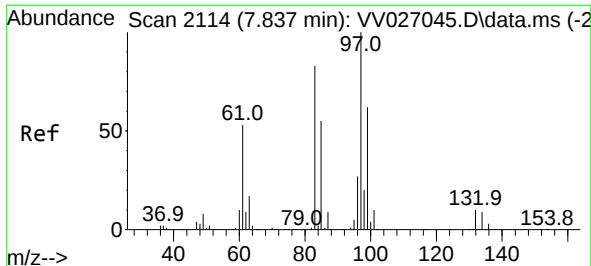
Tgt Ion: 91 Resp: 740285
Ion Ratio Lower Upper
91 100
92 58.3 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 46.837 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion: 75 Resp: 244926
Ion Ratio Lower Upper
75 100
77 32.1 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 46.292 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD050239

Tgt Ion: 97 Resp: 185827

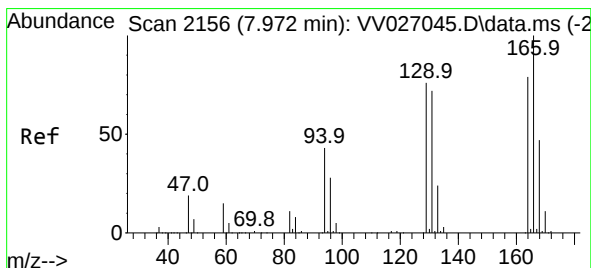
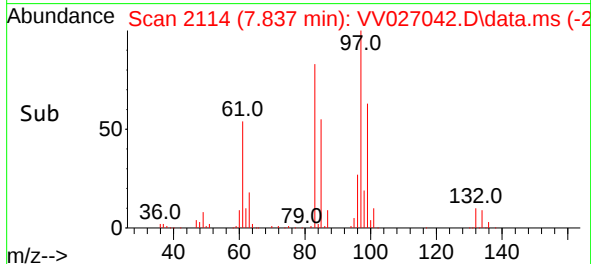
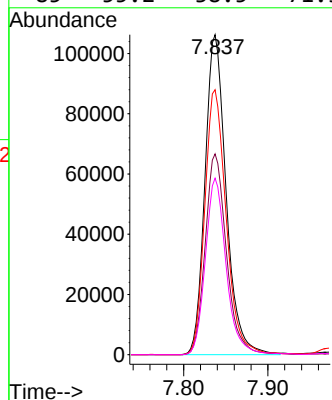
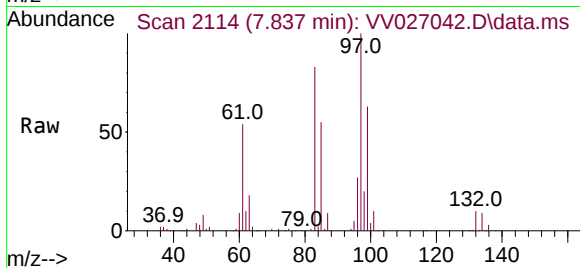
Ion Ratio Lower Upper

97 100

99 62.8 43.2 80.2

83 82.8 58.0 107.6

85 55.2 38.5 71.5



#46

Tetrachloroethene

Concen: 44.813 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

Tgt Ion:164 Resp: 135153

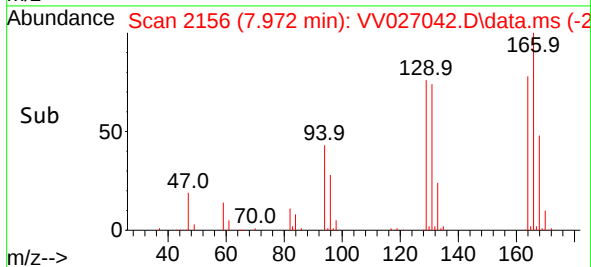
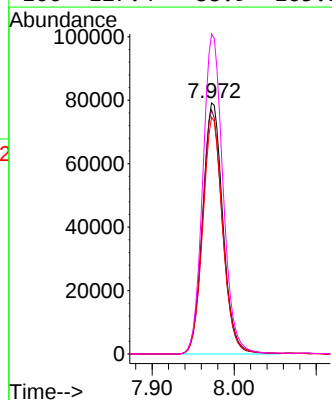
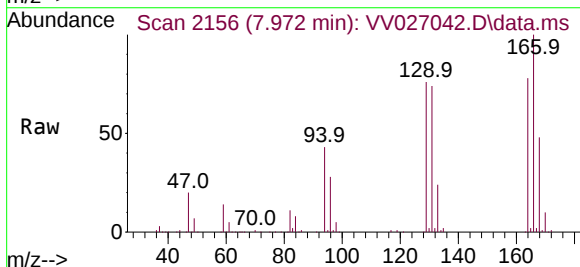
Ion Ratio Lower Upper

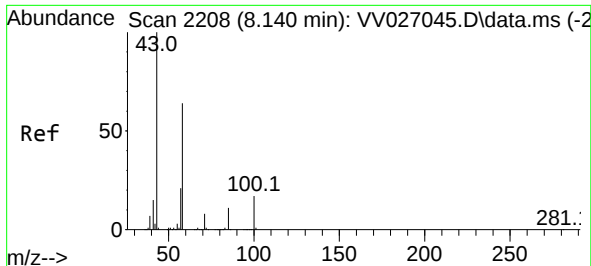
164 100

129 97.2 67.5 125.4

131 94.3 64.3 119.3

166 127.4 88.9 165.1

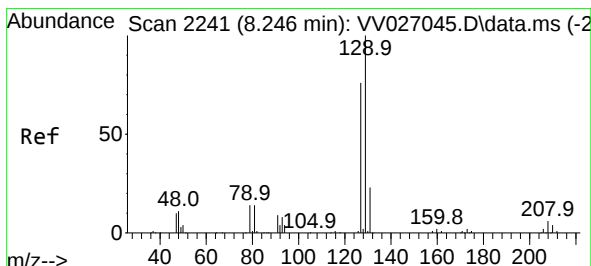
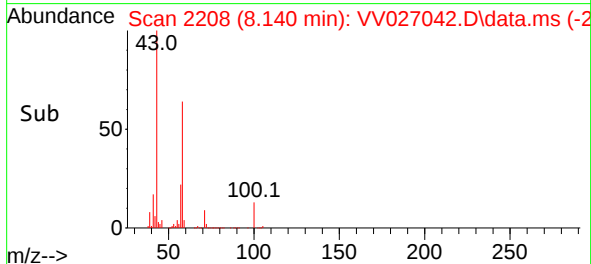
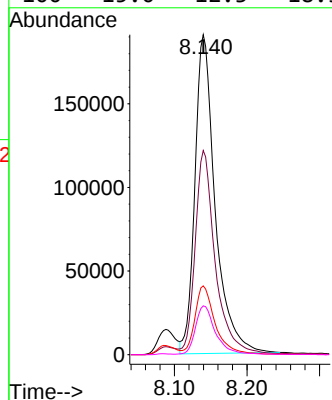
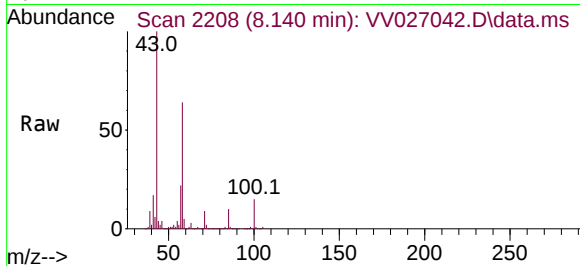




#48
2-Hexanone
Concen: 99.172 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

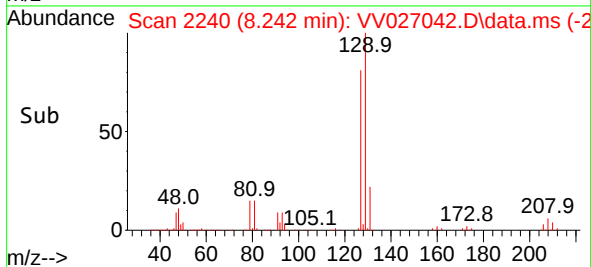
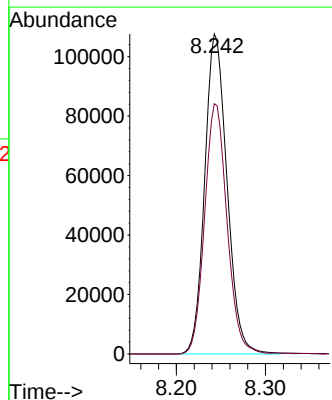
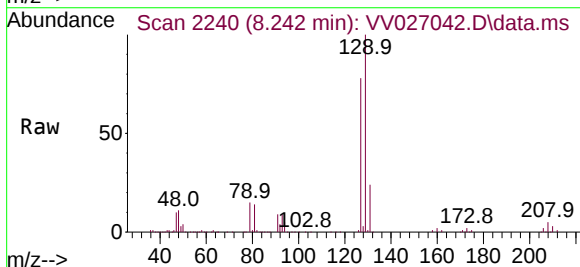
Instrument :
MSVOA_V
ClientSampleId :
VSTD050239

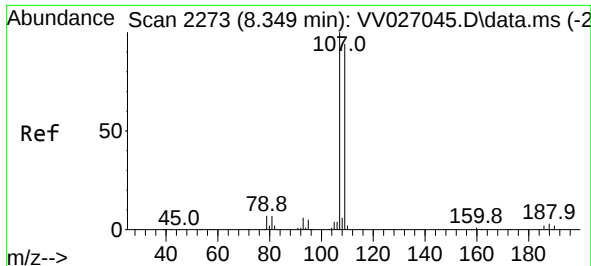
Tgt Ion: 43 Resp: 370634
Ion Ratio Lower Upper
43 100
58 63.4 50.8 76.2
57 21.2 17.1 25.7
100 15.0 12.3 18.5



#49
Dibromochloromethane
Concen: 45.395 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion: 129 Resp: 187405
Ion Ratio Lower Upper
129 100
127 78.2 53.3 98.9





#50

1,2-Dibromoethane

Concen: 45.144 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD050239

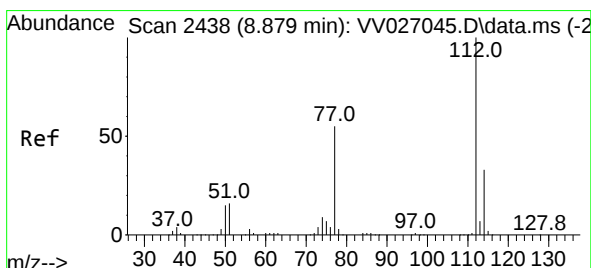
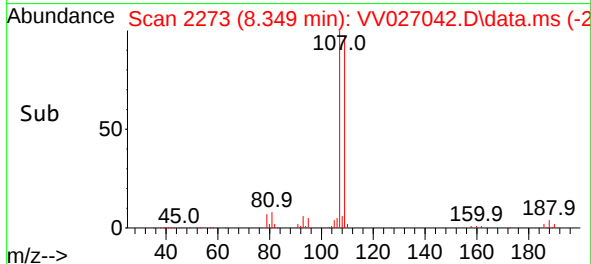
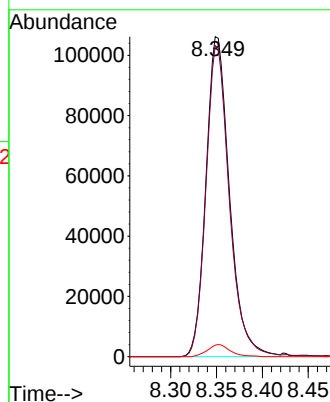
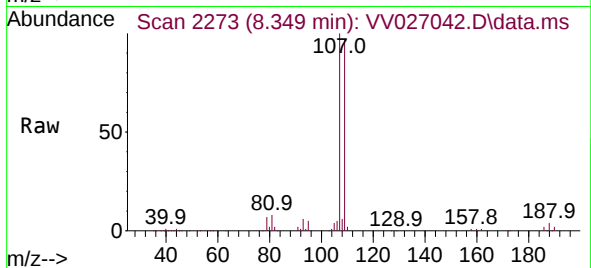
Tgt Ion:107 Resp: 190028

Ion Ratio Lower Upper

107 100

109 97.2 65.7 121.9

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 45.082 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

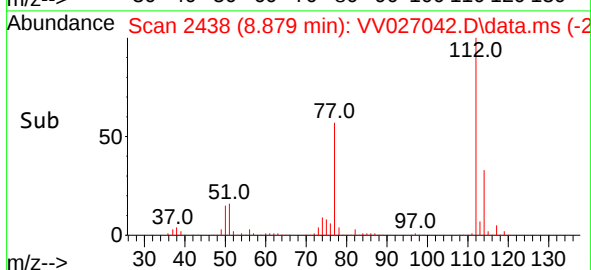
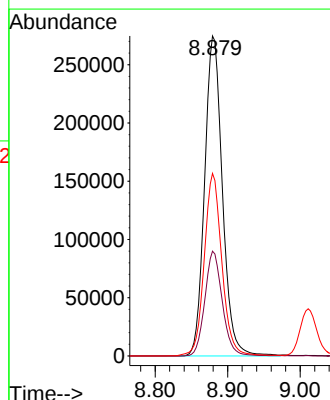
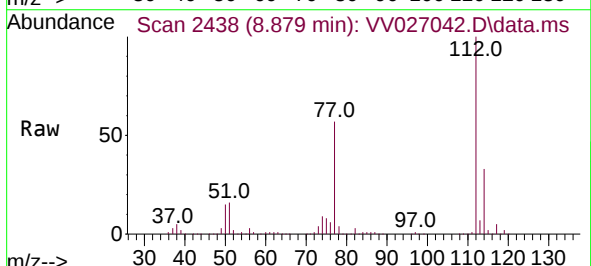
Tgt Ion:112 Resp: 469619

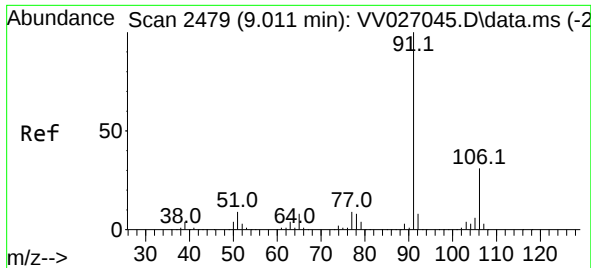
Ion Ratio Lower Upper

112 100

114 32.7 22.8 42.4

77 57.1 44.2 66.2

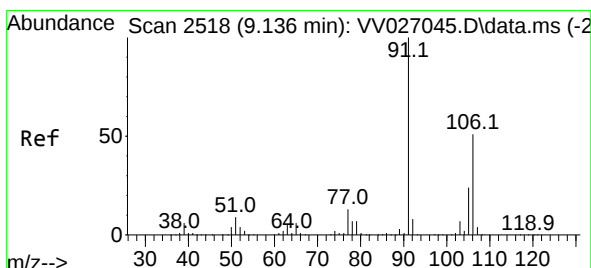
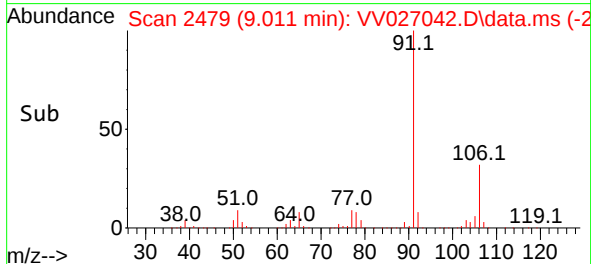
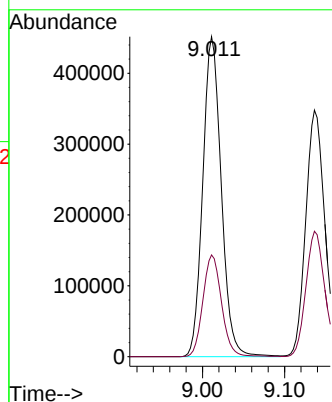
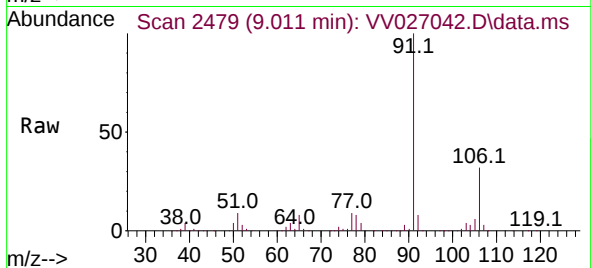




#52
Ethylbenzene
Concen: 45.332 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

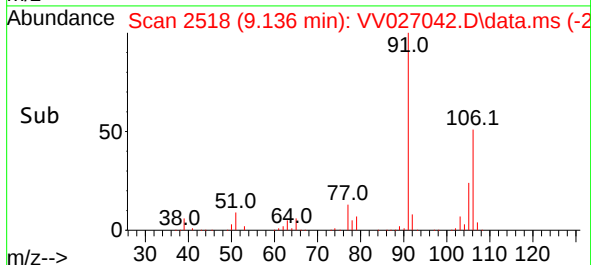
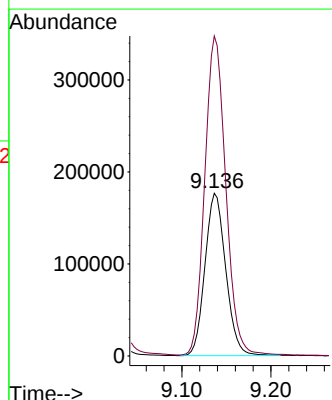
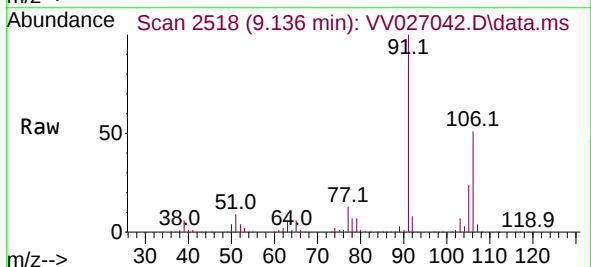
Instrument :
MSVOA_V
ClientSampleId :
VSTD050239

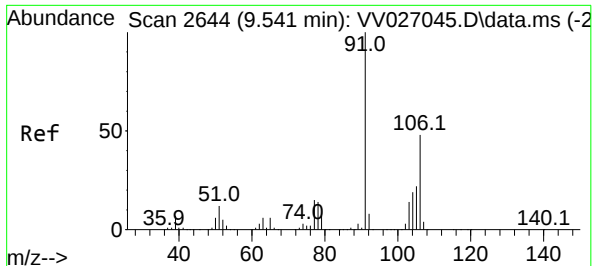
Tgt Ion: 91 Resp: 709004
Ion Ratio Lower Upper
91 100
106 31.8 21.8 40.6



#53
m,p-Xylene
Concen: 46.540 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion: 106 Resp: 286308
Ion Ratio Lower Upper
106 100
91 196.6 137.5 255.3

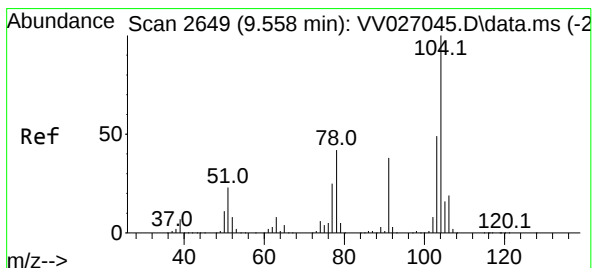
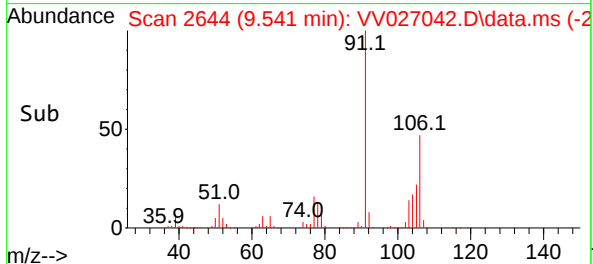
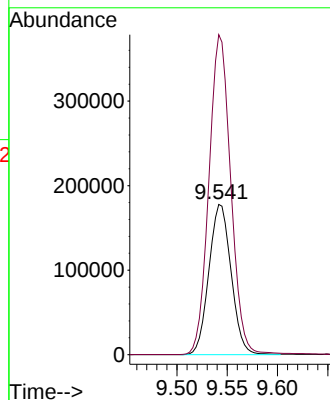
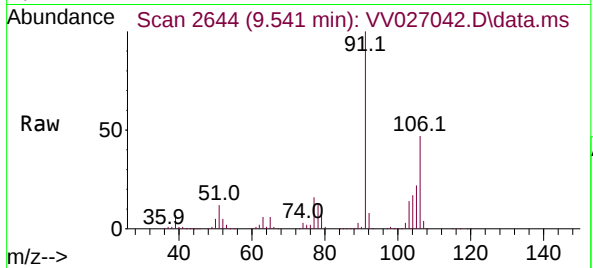




#54
o-Xylene
Concen: 46.150 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

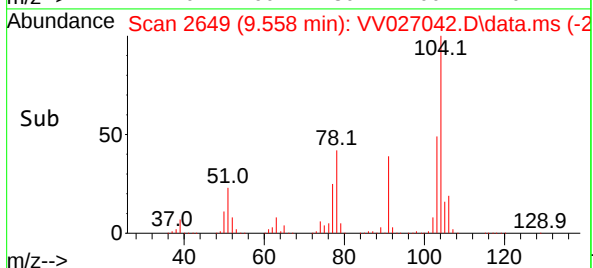
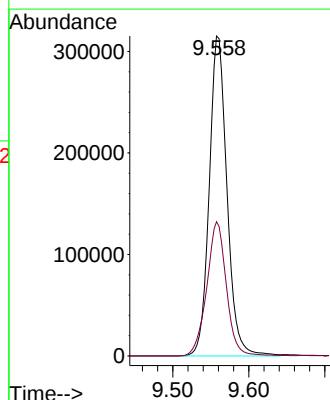
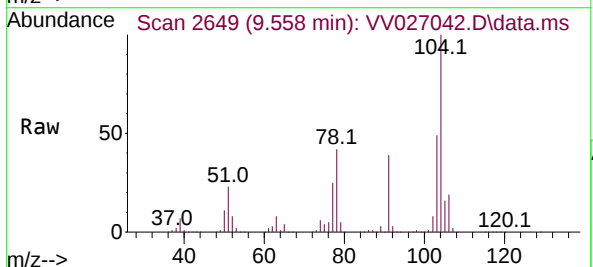
Instrument :
MSVOA_V
ClientSampleId :
VSTD050239

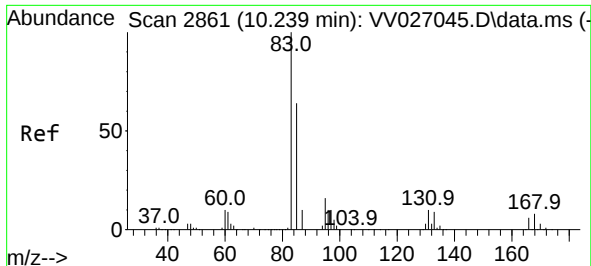
Tgt Ion:106 Resp: 273407
Ion Ratio Lower Upper
106 100
91 212.9 146.6 272.2



#55
Styrene
Concen: 49.360 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion:104 Resp: 511787
Ion Ratio Lower Upper
104 100
78 42.0 29.6 55.0

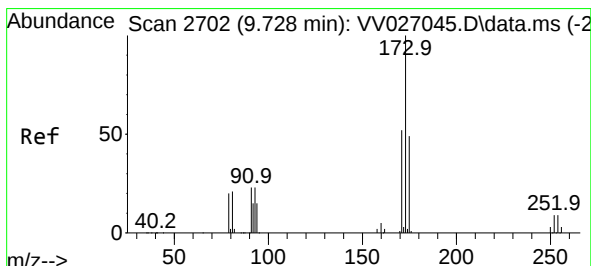
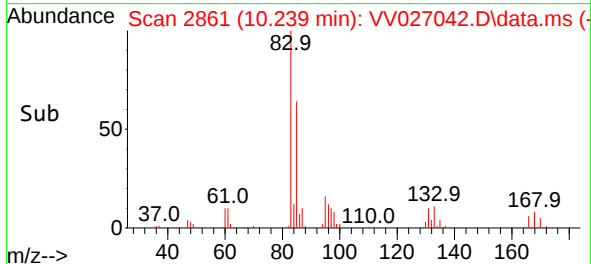
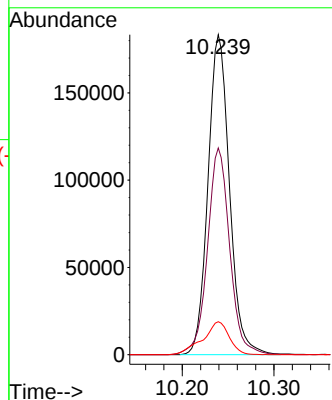
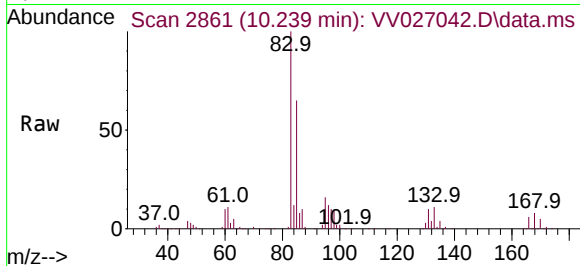




#57
1,1,2,2-Tetrachloroethane
Concen: 46.054 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

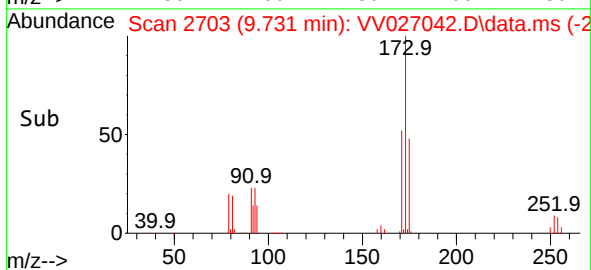
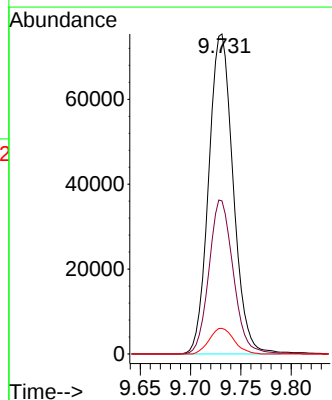
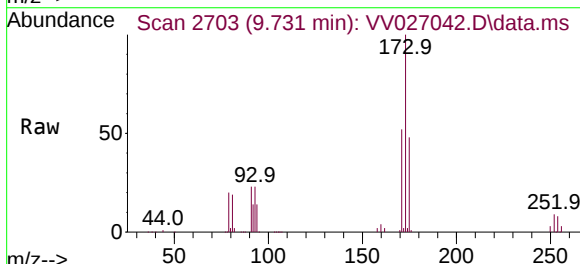
Instrument :
MSVOA_V
ClientSampleId :
VSTD050239

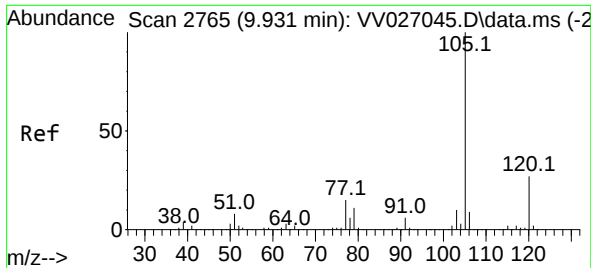
Tgt Ion: 83 Resp: 298064
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0
131 10.3 8.1 12.1



#59
Bromoform
Concen: 44.520 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion: 173 Resp: 127585
Ion Ratio Lower Upper
173 100
175 47.7 39.0 58.4
254 8.1 6.9 10.3

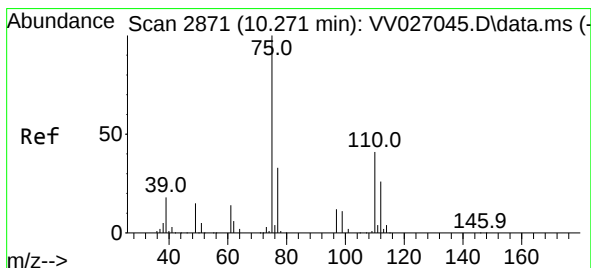
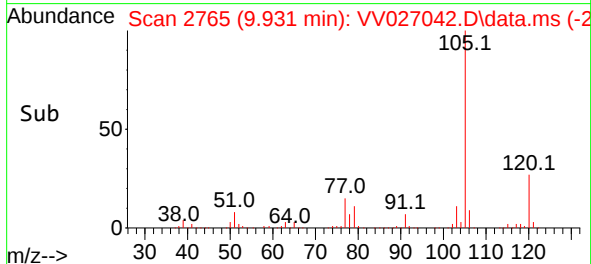
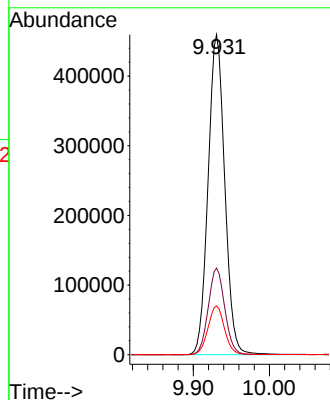
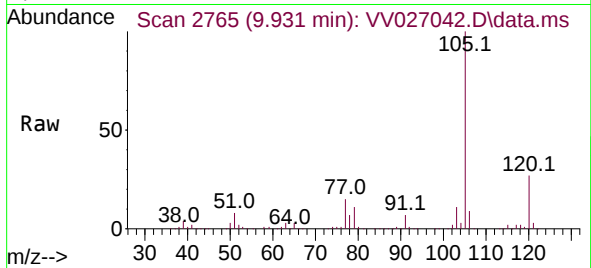




#60
Isopropylbenzene
Concen: 44.327 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

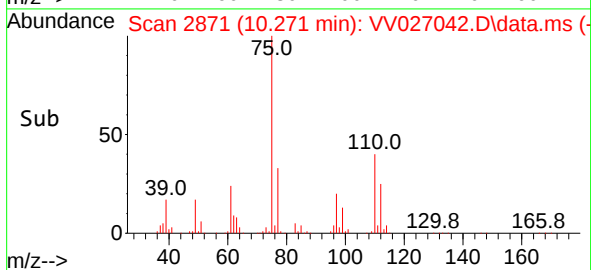
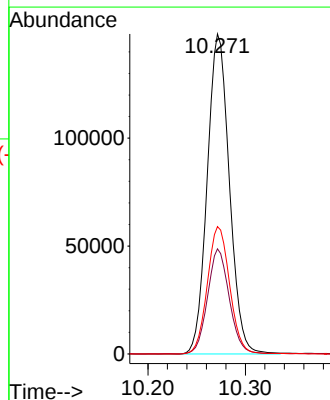
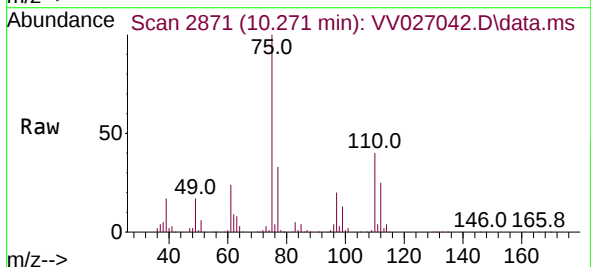
Instrument :
MSVOA_V
ClientSampleId :
VSTD050239

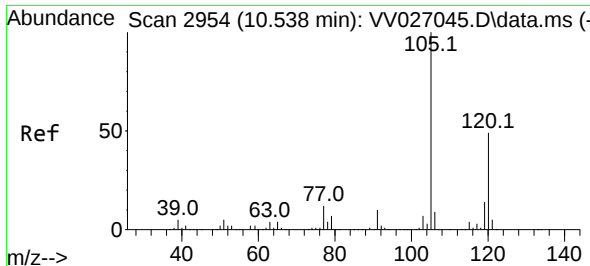
Tgt Ion:105 Resp: 697870
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.0
77 15.2 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 44.267 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion: 75 Resp: 234223
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 40.1 32.7 49.1

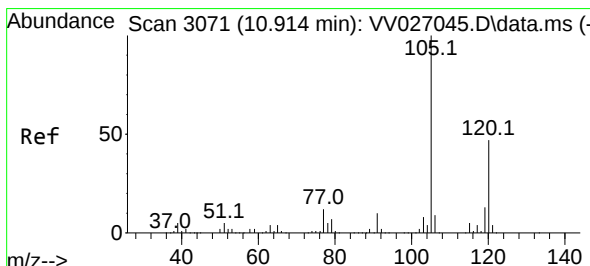
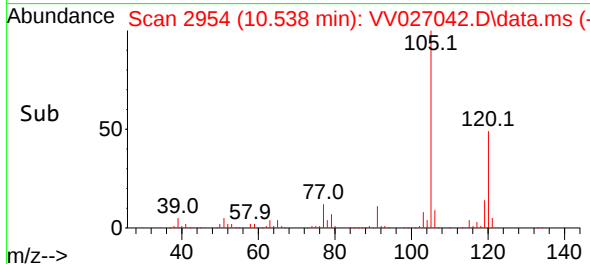
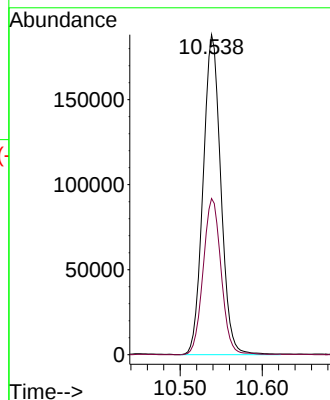
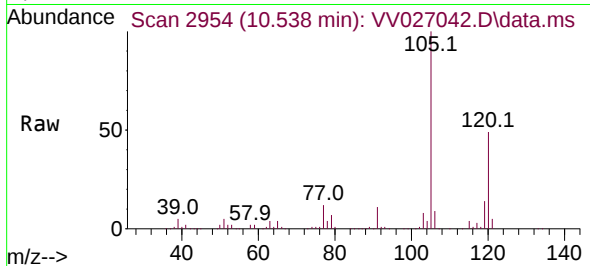




#62
 1,3,5-Trimethylbenzene
 Concen: 41.877 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027042.D
 Acq: 28 Jul 2022 16:42

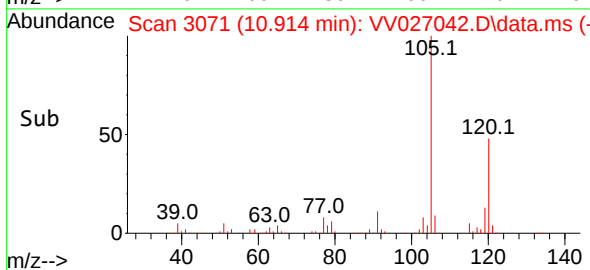
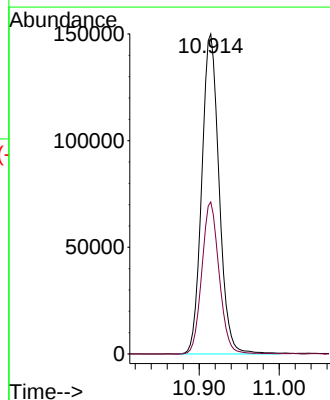
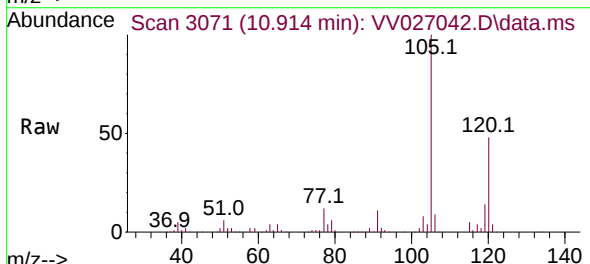
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050239

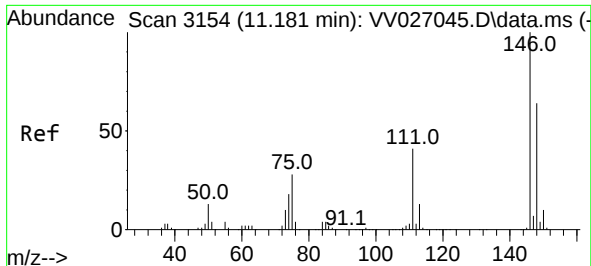
Tgt Ion:105 Resp: 282194
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 42.148 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV027042.D
 Acq: 28 Jul 2022 16:42

Tgt Ion:105 Resp: 226648
 Ion Ratio Lower Upper
 105 100
 120 47.5 37.0 55.6

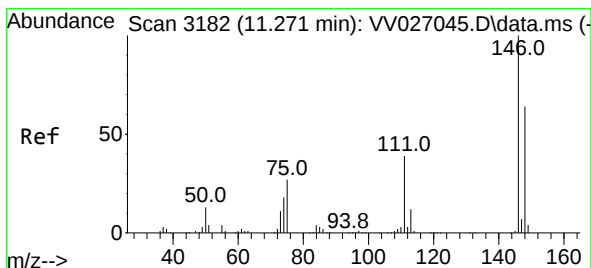
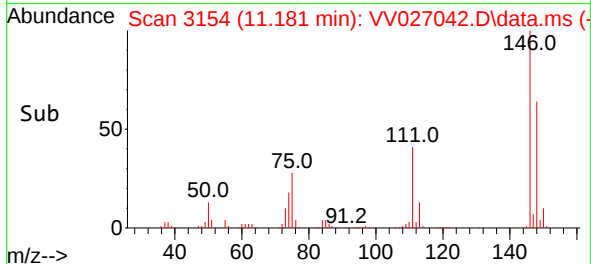
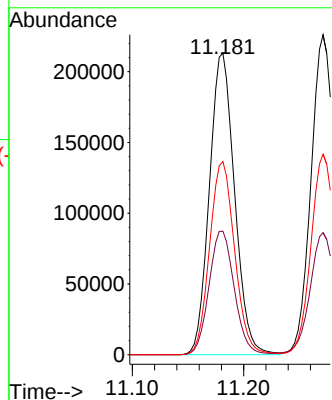
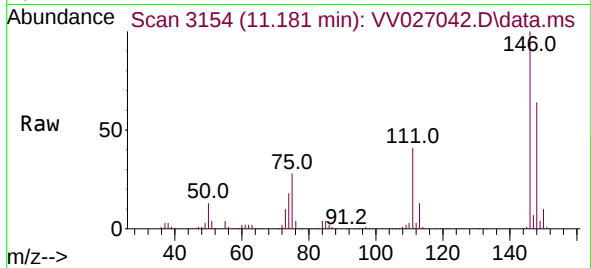




#64
1,3-Dichlorobenzene
Concen: 43.843 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

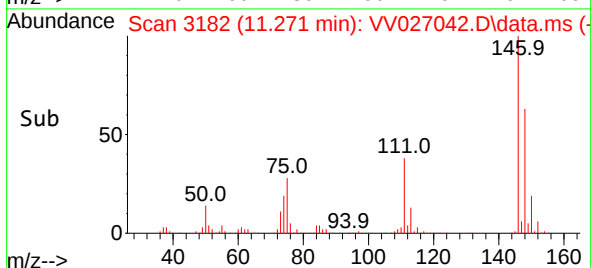
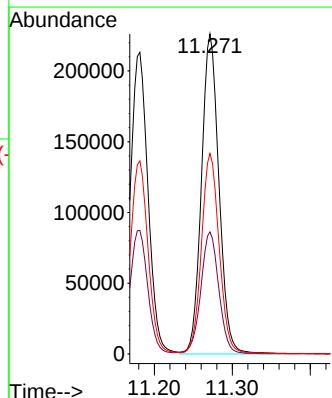
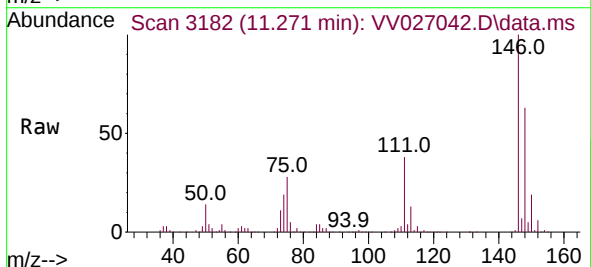
Instrument :
MSVOA_V
ClientSampleId :
VSTD050239

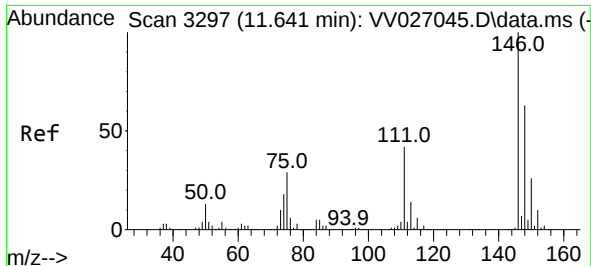
Tgt Ion:146 Resp: 335087
Ion Ratio Lower Upper
146 100
111 41.0 28.4 52.8
148 64.0 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 43.854 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027042.D
Acq: 28 Jul 2022 16:42

Tgt Ion:146 Resp: 353194
Ion Ratio Lower Upper
146 100
111 38.1 27.4 51.0
148 62.6 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 44.824 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD050239

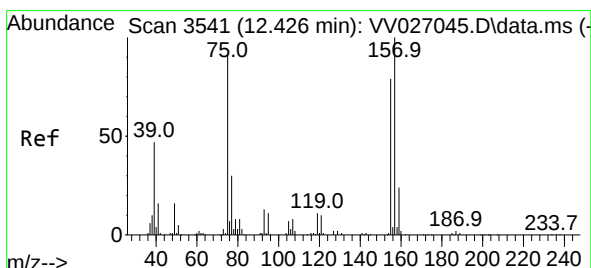
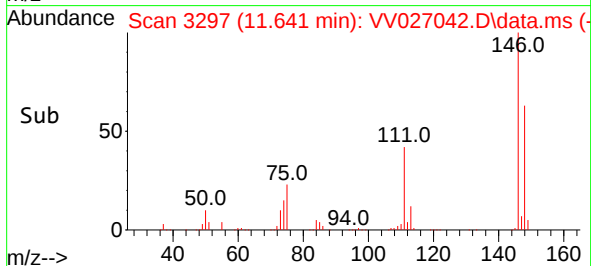
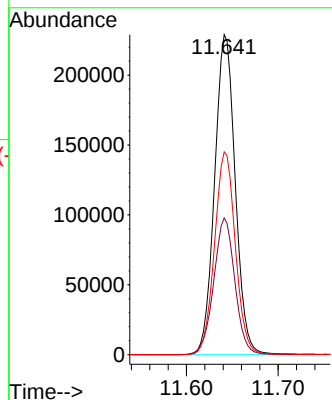
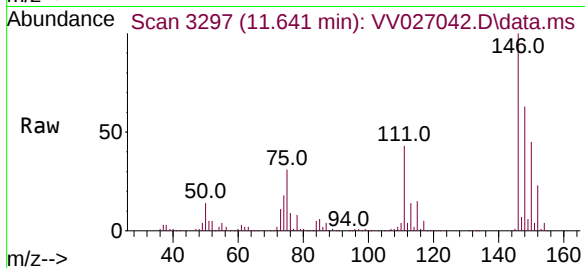
Tgt Ion:146 Resp: 357769

Ion Ratio Lower Upper

146 100

111 42.7 34.0 51.0

148 63.4 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 42.960 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

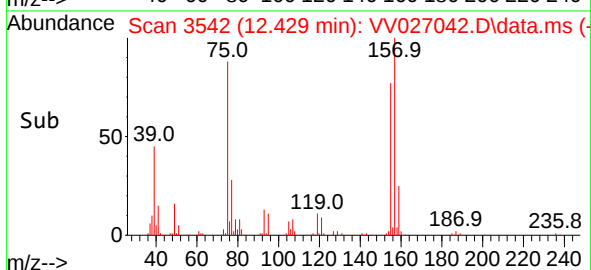
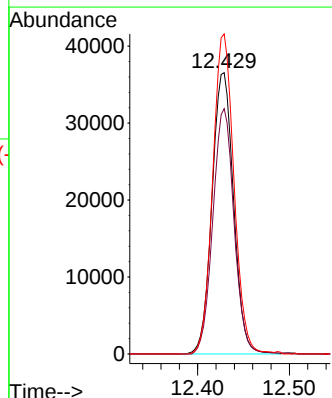
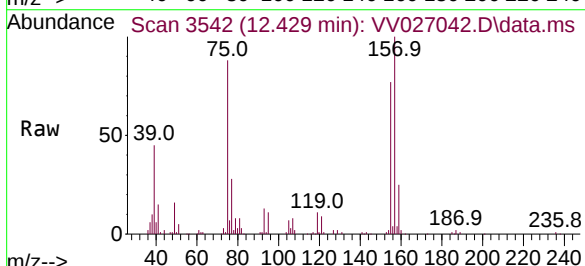
Tgt Ion: 75 Resp: 59596

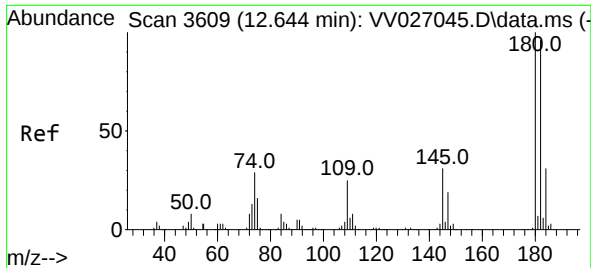
Ion Ratio Lower Upper

75 100

155 87.2 69.1 103.7

157 113.7 87.8 131.8

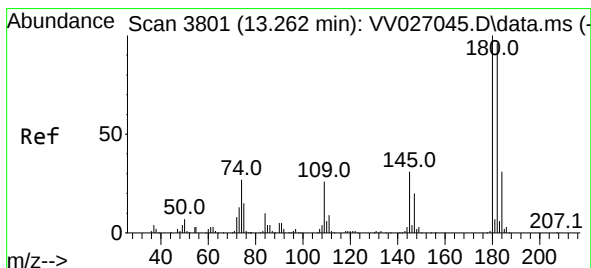
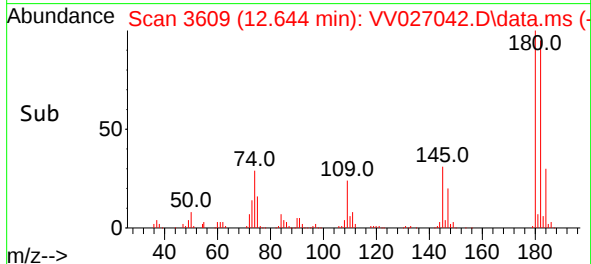
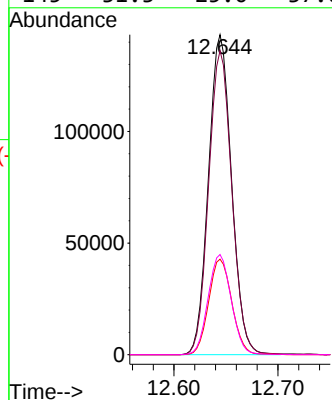
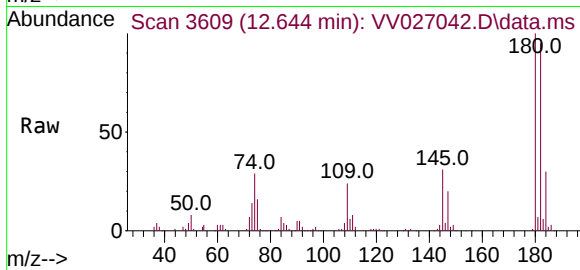




#69
 1,3,5-Trichlorobenzene
 Concen: 42.709 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV027042.D
 Acq: 28 Jul 2022 16:42

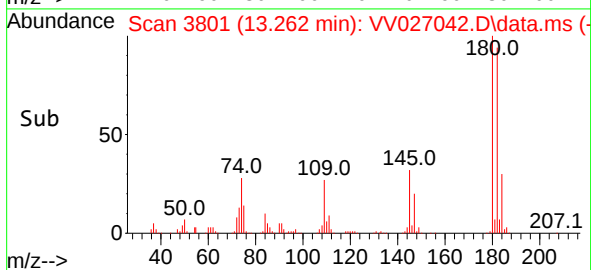
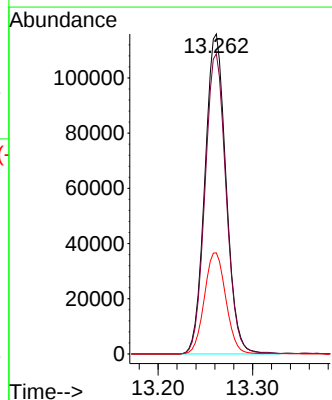
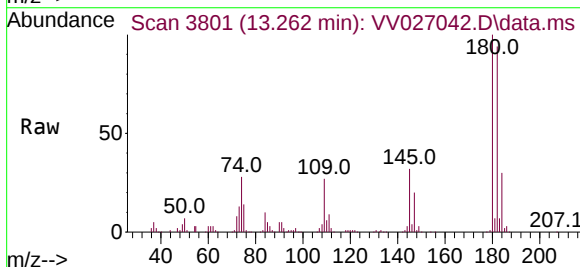
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050239

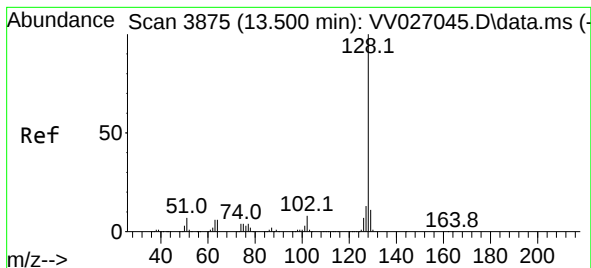
Tgt Ion:180	Resp:	221395	
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
184	29.9	24.8	37.2
145	31.3	25.0	37.6



#70
 1,2,4-trichlorobenzene
 Concen: 40.588 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV027042.D
 Acq: 28 Jul 2022 16:42

Tgt Ion:180	Resp:	180083	
Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.9	113.9
145	32.1	24.7	37.1





#71

Naphthalene

Concen: 38.387 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD050239

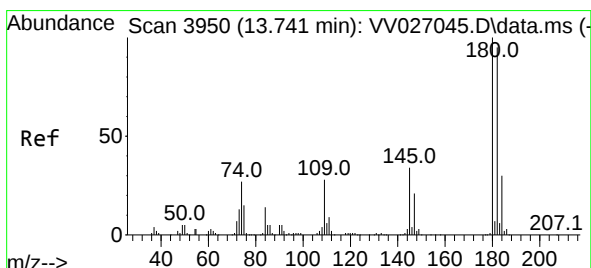
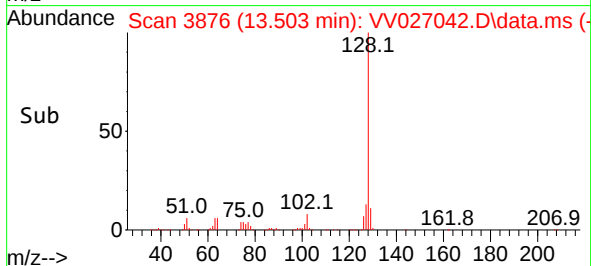
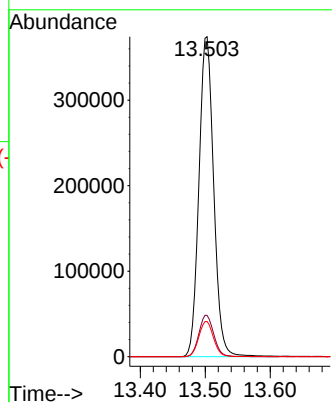
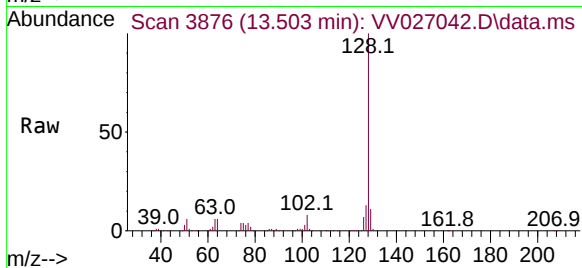
Tgt Ion:128 Resp: 592622

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 42.250 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027042.D

Acq: 28 Jul 2022 16:42

Tgt Ion:180 Resp: 203324

Ion Ratio Lower Upper

180 100

182 96.8 76.3 114.5

145 34.6 27.4 41.0

