

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027046.D
 Acq On : 28 Jul 2022 18:45
 Operator : SY/MD
 Sample : VSTD01043
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010243

Quant Time: Jul 29 01:29:19 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	5.613	114	558371	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	546015	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	263681	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	51500	9.695	ug/L	0.00
7) Chloroethane-d5	1.561	69	41419	9.841	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.102	63	88525	9.789	ug/L	0.00
21) 2-Butanone-d5	3.902	46	37144	11.679	ug/L	0.02
24) Chloroform-d	4.343	84	91841	9.599	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	52686	9.701	ug/L	0.00
32) Benzene-d6	5.047	84	178521	9.311	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	55927	9.530	ug/L	0.00
41) Toluene-d8	7.317	98	158872	9.167	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	23224	8.959	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	40978	16.243	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	86563	9.783	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	59843	10.096	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	59871	10.332	ug/L	98
3) Chloromethane	1.237	50	55511	10.476	ug/L	95
5) Vinyl chloride	1.304	62	57173	10.172	ug/L	98
6) Bromomethane	1.516	94	35998	10.429	ug/L	100
8) Chloroethane	1.577	64	34660	10.503	ug/L	100
9) Trichlorofluoromethane	1.745	101	72066	9.994	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	42454	10.199	ug/L	99
12) 1,1-Dichloroethene	2.111	96	42261	10.391	ug/L	99
13) Acetone	2.172	43	28907	13.856	ug/L	70
14) Carbon disulfide	2.285	76	133418	10.340	ug/L	100
15) Methyl Acetate	2.433	43	40196	10.781	ug/L	94
16) Methylene chloride	2.500	84	55060	10.620	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	45473	10.212	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	120648	9.864	ug/L	98
19) 1,1-Dichloroethane	3.185	63	81293	10.455	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	45291	9.836	ug/L	99
22) 2-Butanone	3.989	43	42774	15.017	ug/L	91
23) Bromochloromethane	4.243	128	25155	10.141	ug/L	93
25) Chloroform	4.372	83	84196	10.270	ug/L	98
27) 1,2-Dichloroethane	5.130	62	56809	10.070	ug/L	98
29) Cyclohexane	4.671	56	53315	9.088	ug/L	96
30) 1,1,1-Trichloroethane	4.603	97	71135	10.150	ug/L	99
31) Carbon tetrachloride	4.825	117	62402	10.228	ug/L	99
33) Benzene	5.098	78	177189	10.070	ug/L	100
34) Trichloroethene	5.915	95	47328	10.450	ug/L	99
35) Methylcyclohexane	6.127	83	62956	9.318	ug/L	98
37) 1,2-Dichloropropane	6.172	63	41540	9.433	ug/L	# 94
38) Bromodichloromethane	6.510	83	60275	10.304	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	61225	9.691	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	104000	18.671	ug/L	98
42) Toluene	7.387	91	178771	9.854	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	58311	9.494	ug/L	99

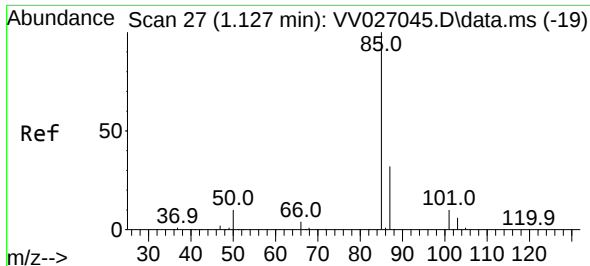
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
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Quant Time: Jul 29 01:29:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	49091	10.412	ug/L	99
46) Tetrachloroethene	7.976	164	35911	10.138	ug/L	97
48) 2-Hexanone	8.143	43	87080	19.838	ug/L	93
49) Dibromochloromethane	8.246	129	49798	10.270	ug/L	98
50) 1,2-Dibromoethane	8.352	107	51168	10.349	ug/L	99
51) Chlorobenzene	8.883	112	123152	10.065	ug/L	98
52) Ethylbenzene	9.011	91	173174	9.427	ug/L	99
53) m,p-Xylene	9.140	106	67972	9.407	ug/L	93
54) o-Xylene	9.542	106	64404	9.256	ug/L	98
55) Styrene	9.561	104	109557	8.996	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	79020	10.395	ug/L	98
59) Bromoform	9.731	173	31645	10.565	ug/L	99
60) Isopropylbenzene	9.931	105	163266	9.922	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	61854	11.185	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	67290	9.554	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	53448	9.510	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	84310	10.555	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	91201	10.835	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	89319	10.707	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	15913	10.975	ug/L	97
69) 1,3,5-Trichlorobenzene	12.645	180	56576	10.442	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	47067	10.150	ug/L	99
71) Naphthalene	13.503	128	162799	10.090	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51225	10.185	ug/L	100

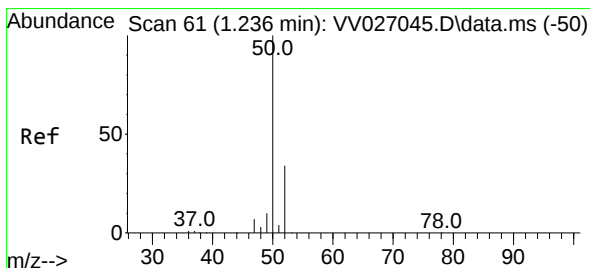
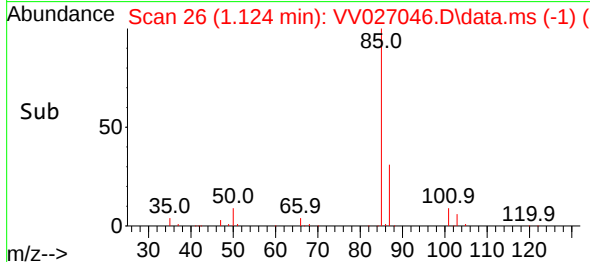
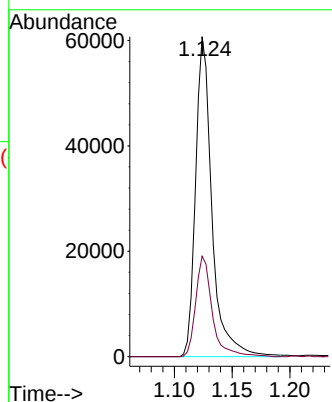
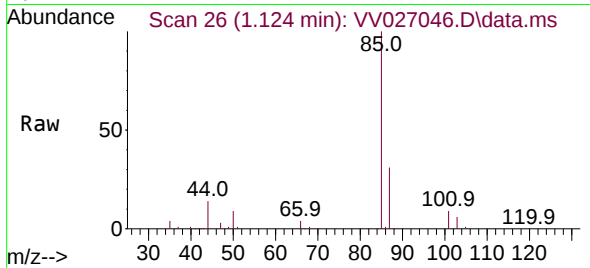
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 10.332 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. -0.003 min
 Lab File: VV027046.D
 Acq: 28 Jul 2022 18:45

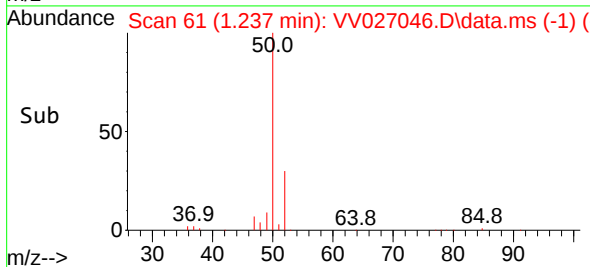
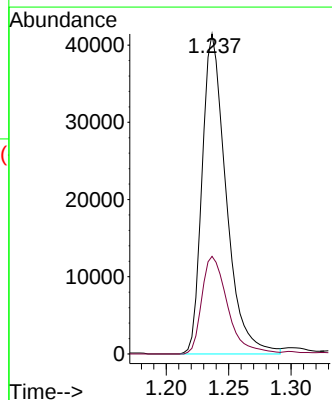
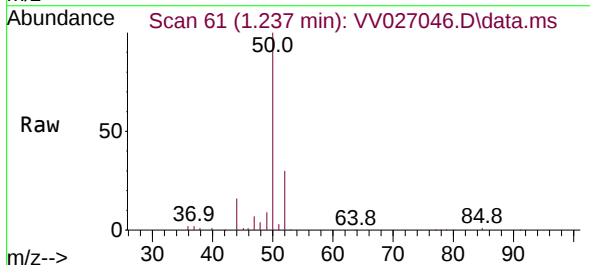
Instrument :
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 ClientSampleId :
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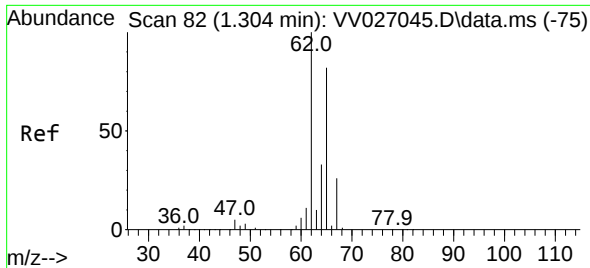
Tgt Ion: 85 Resp: 59871
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.1 39.1



#3
 Chloromethane
 Concen: 10.476 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027046.D
 Acq: 28 Jul 2022 18:45

Tgt Ion: 50 Resp: 55511
 Ion Ratio Lower Upper
 50 100
 52 30.5 23.5 43.7

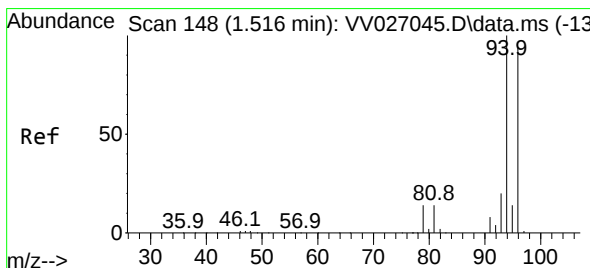
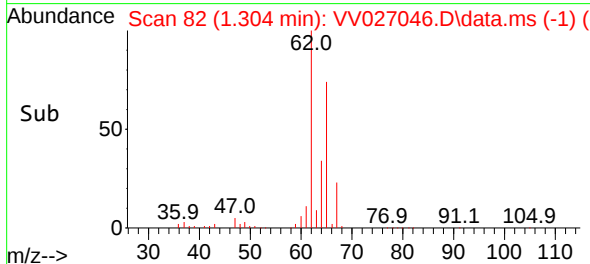
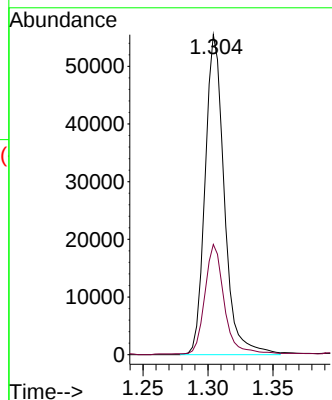
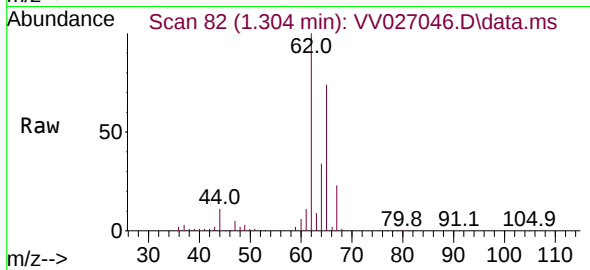




#5
 Vinyl chloride
 Concen: 10.172 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027046.D
 Acq: 28 Jul 2022 18:45

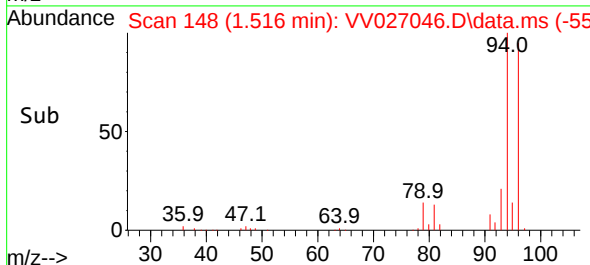
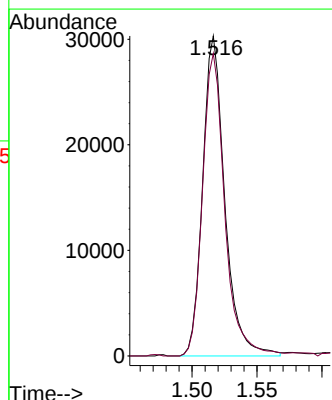
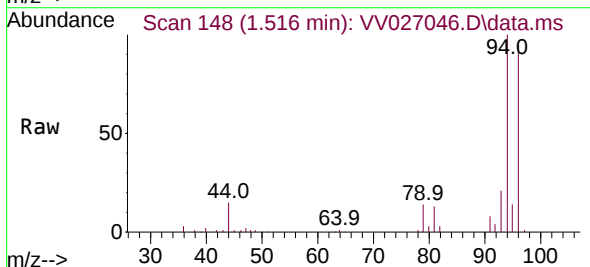
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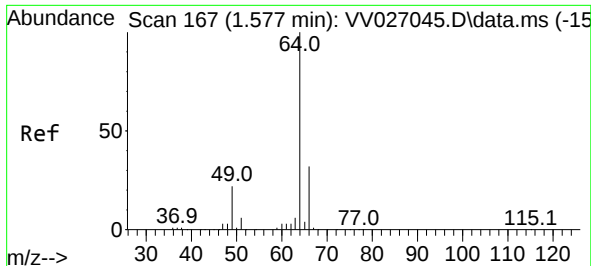
Tgt Ion: 62 Resp: 57173
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.2 43.2



#6
 Bromomethane
 Concen: 10.429 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027046.D
 Acq: 28 Jul 2022 18:45

Tgt Ion: 94 Resp: 35998
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.1 122.8

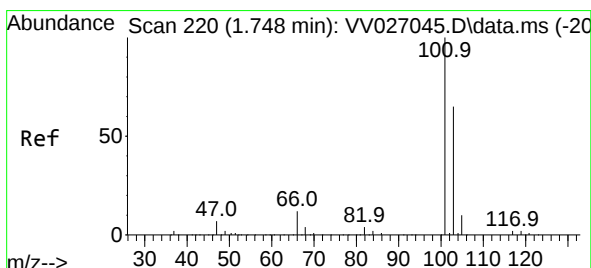
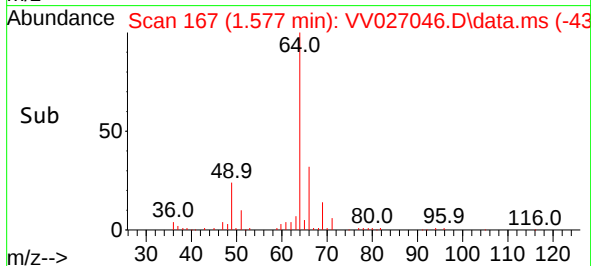
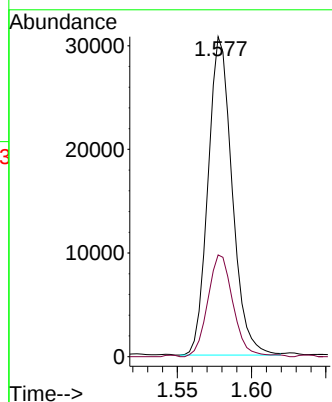
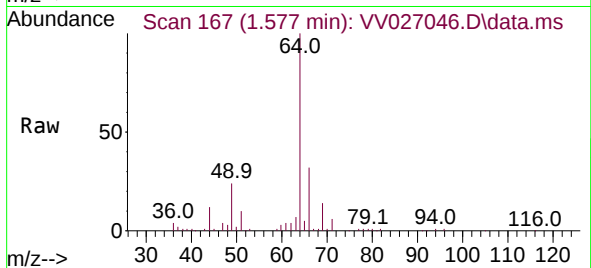




#8
Chloroethane
Concen: 10.503 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

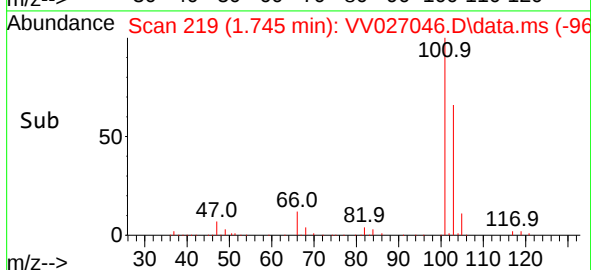
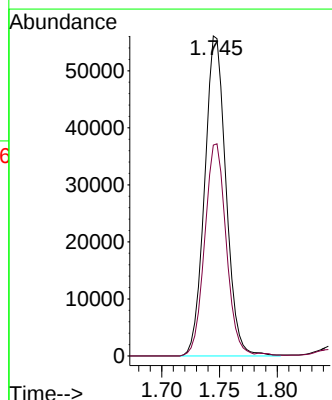
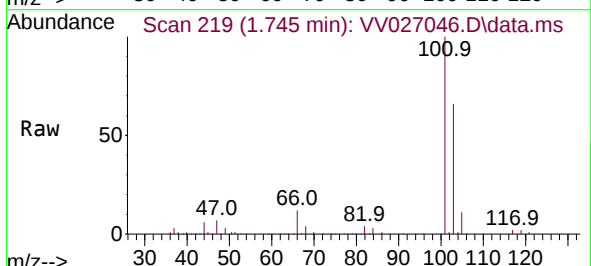
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ClientSampleId :
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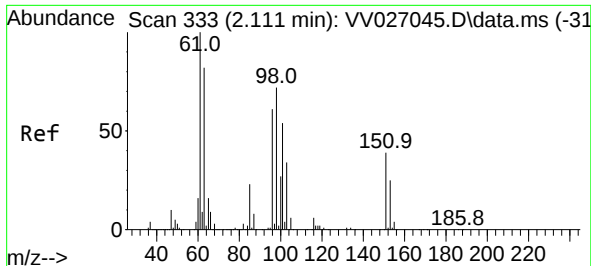
Tgt Ion: 64 Resp: 34660
Ion Ratio Lower Upper
64 100
66 31.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 9.994 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

Tgt Ion:101 Resp: 72066
Ion Ratio Lower Upper
101 100
103 66.7 52.4 78.6

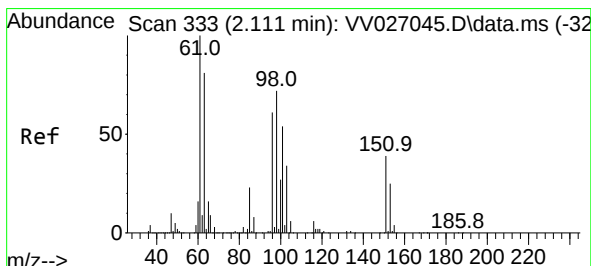
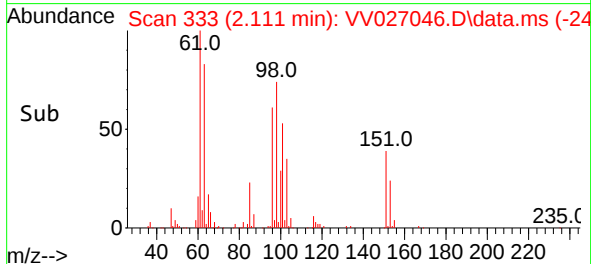
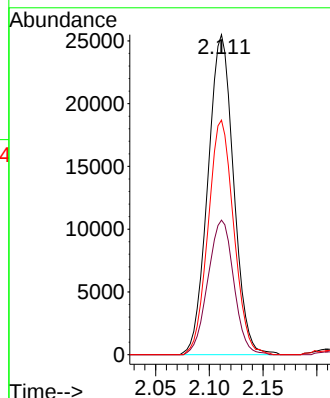
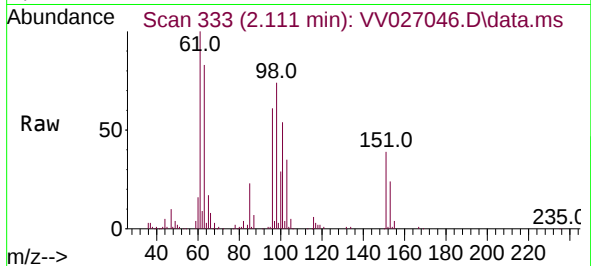




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.199 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027046.D
 Acq: 28 Jul 2022 18:45

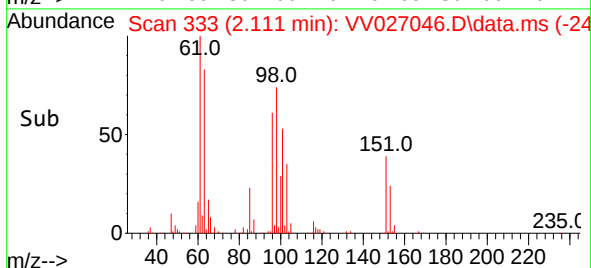
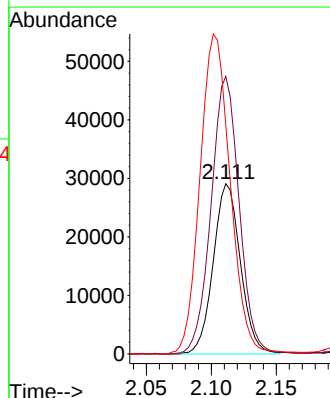
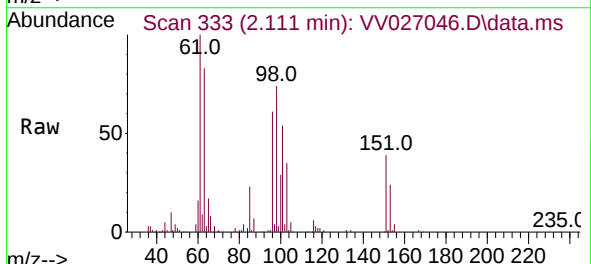
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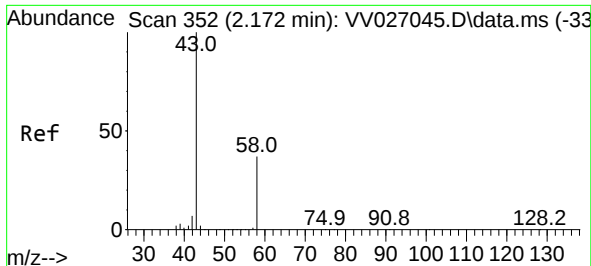
Tgt Ion:101 Resp: 42454
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.1 51.1
 151 72.9 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 10.391 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027046.D
 Acq: 28 Jul 2022 18:45

Tgt Ion: 96 Resp: 42261
 Ion Ratio Lower Upper
 96 100
 61 163.0 114.3 212.3
 63 134.5 93.4 173.4





#13

Acetone

Concen: 13.856 ug/L

RT: 2.172 min Scan# 352

Delta R.T. 0.000 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

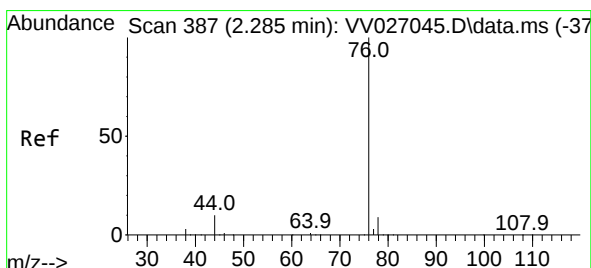
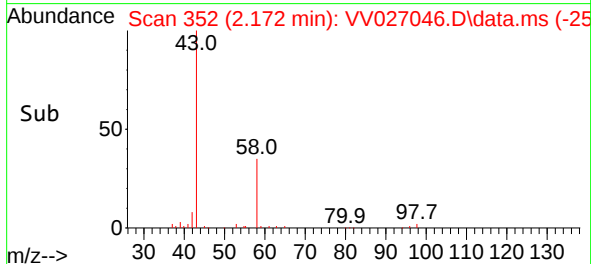
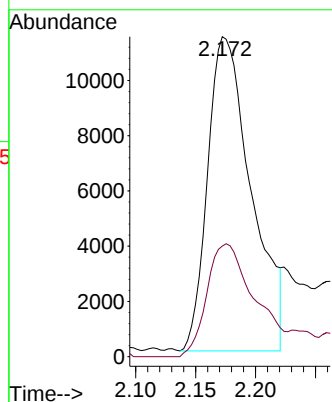
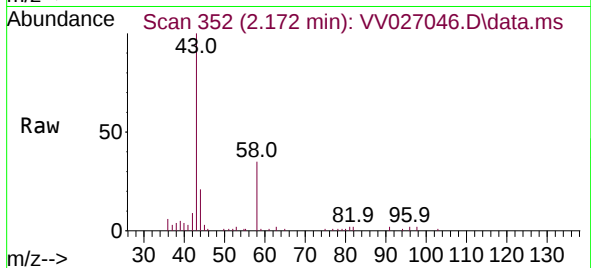
VSTD010243

Tgt Ion: 43 Resp: 28907

Ion Ratio Lower Upper

43 100

58 39.7 0.0 49.6



#14

Carbon disulfide

Concen: 10.340 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV027046.D

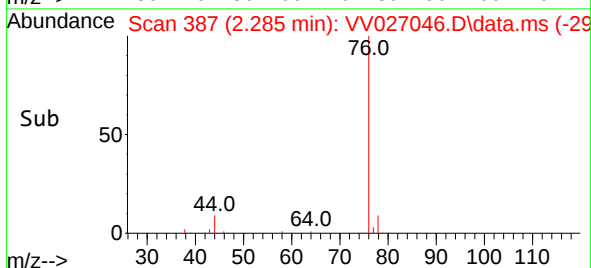
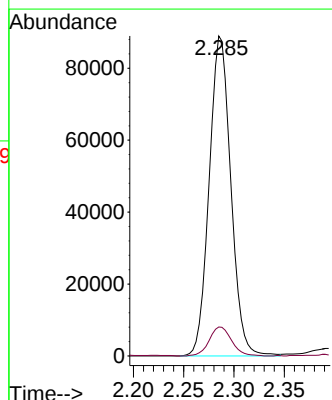
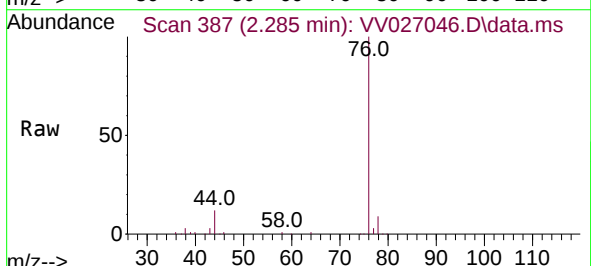
Acq: 28 Jul 2022 18:45

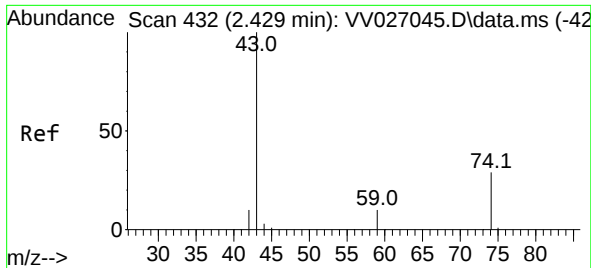
Tgt Ion: 76 Resp: 133418

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

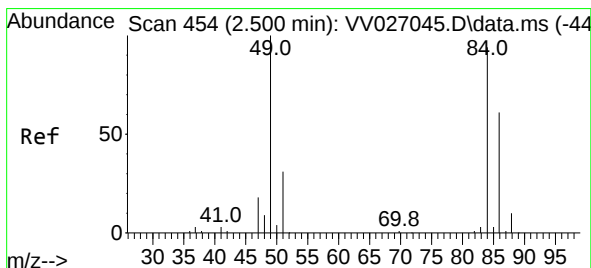
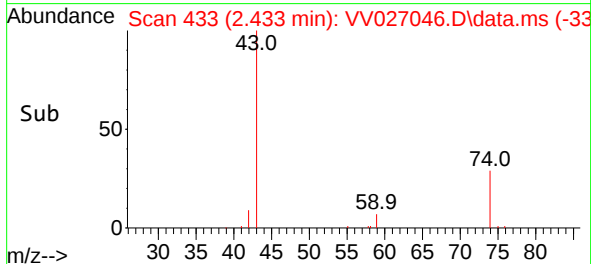
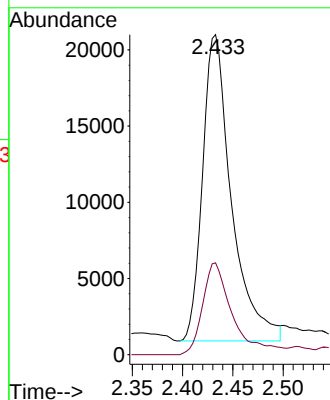
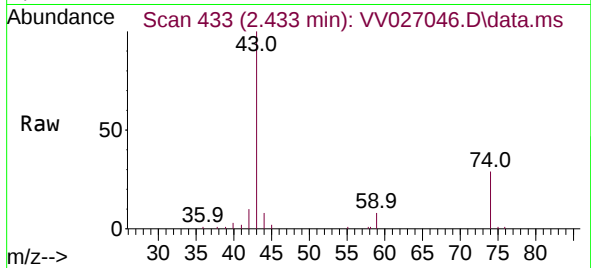




#15
Methyl Acetate
Concen: 10.781 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

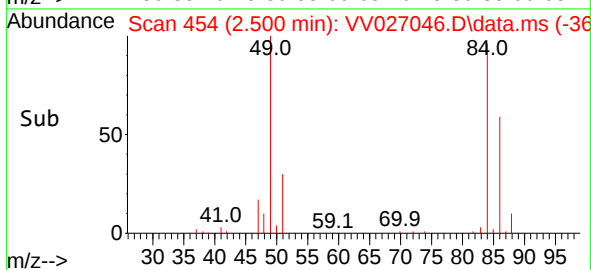
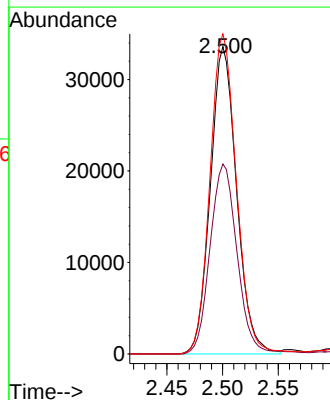
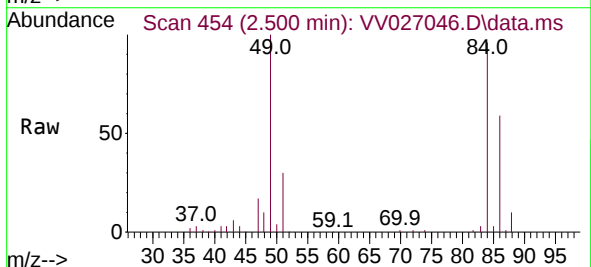
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ClientSampleId :
VSTD010243

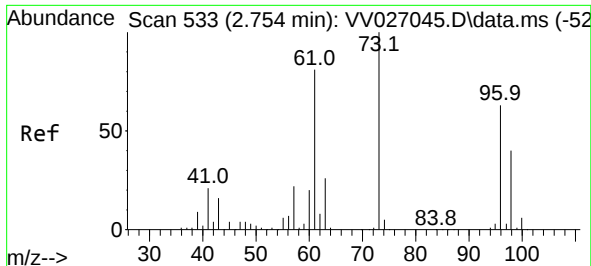
Tgt Ion: 43 Resp: 40196
Ion Ratio Lower Upper
43 100
74 28.6 25.5 38.3



#16
Methylene chloride
Concen: 10.620 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

Tgt Ion: 84 Resp: 55060
Ion Ratio Lower Upper
84 100
86 61.8 45.0 83.6
49 104.1 74.1 137.7

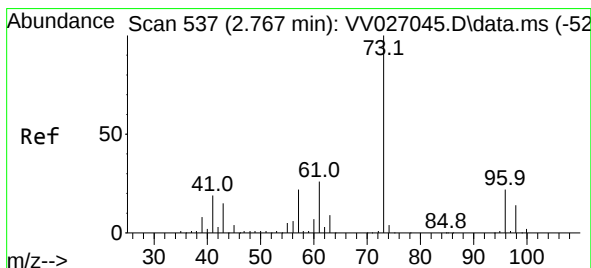
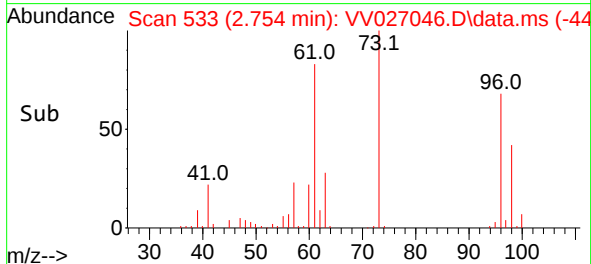
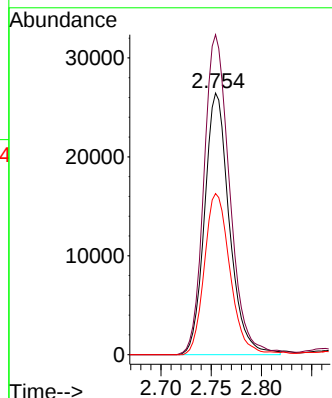
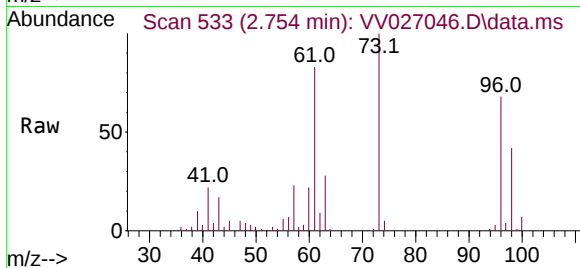




#17
trans-1,2-Dichloroethene
Concen: 10.212 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

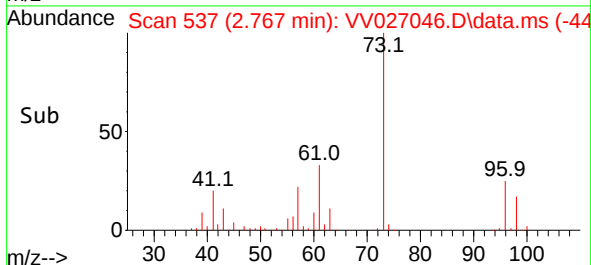
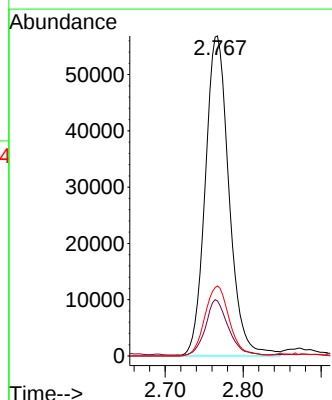
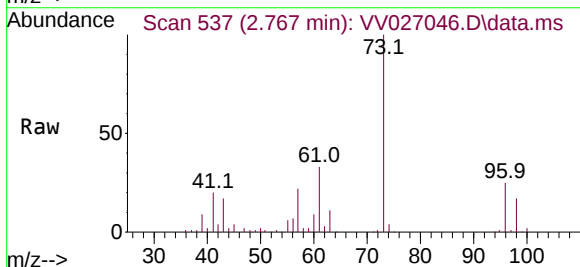
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

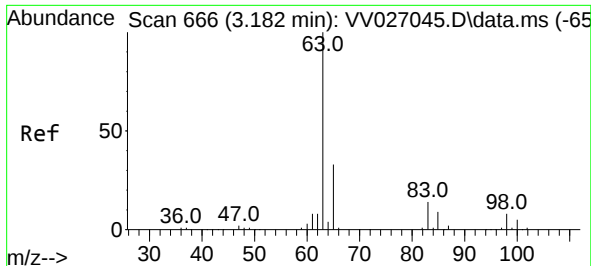
Tgt Ion: 96 Resp: 45473
Ion Ratio Lower Upper
96 100
61 122.3 89.2 165.6
98 61.6 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 9.864 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

Tgt Ion: 73 Resp: 120648
Ion Ratio Lower Upper
73 100
43 16.3 12.6 18.8
57 22.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 10.455 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD010243

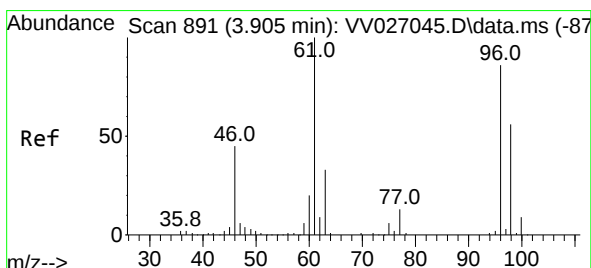
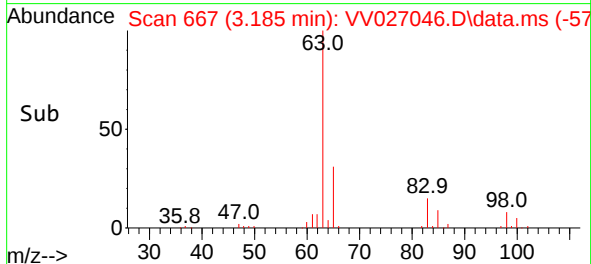
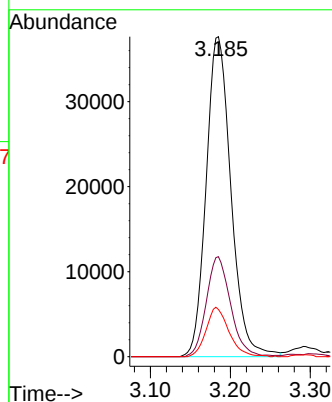
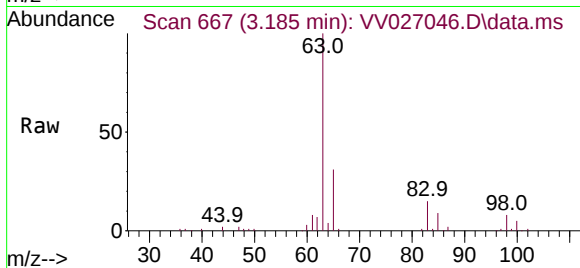
Tgt Ion: 63 Resp: 81293

Ion Ratio Lower Upper

63 100

65 31.3 22.7 42.3

83 14.8 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 9.836 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

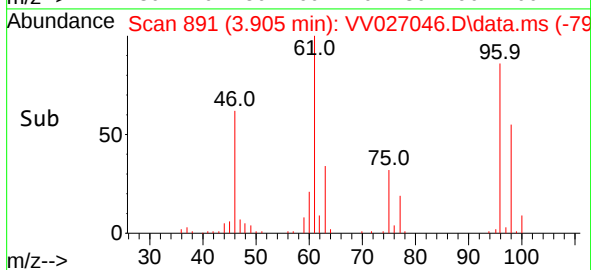
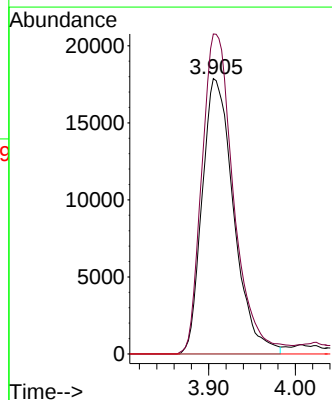
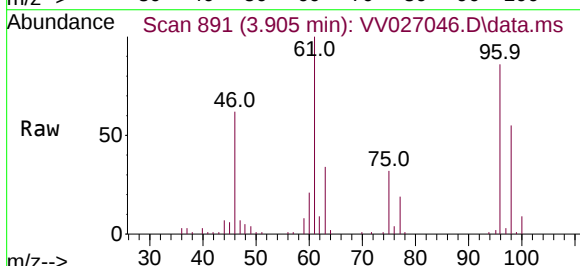
Tgt Ion: 96 Resp: 45291

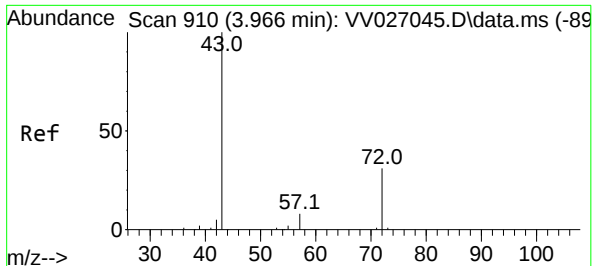
Ion Ratio Lower Upper

96 100

61 116.2 81.8 151.8

68 0.0 0.0 0.0

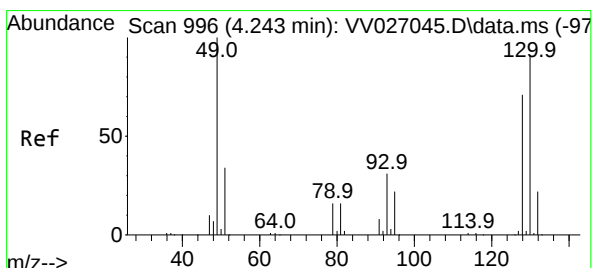
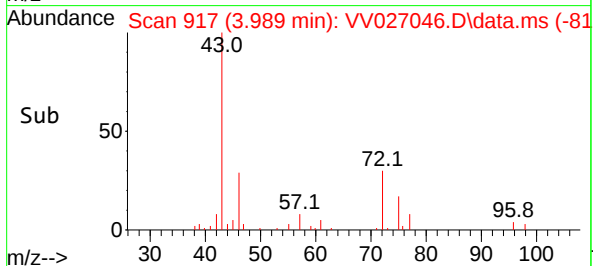
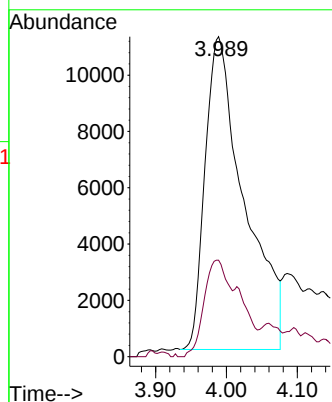
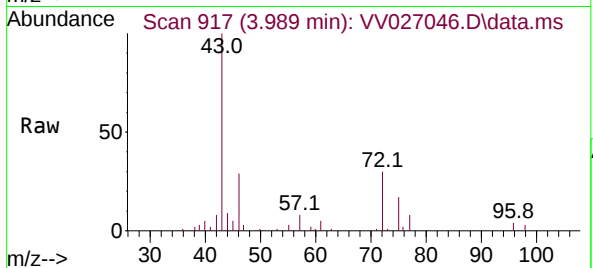




#22
2-Butanone
Concen: 15.017 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.023 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

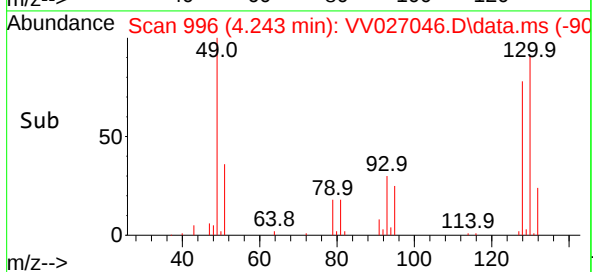
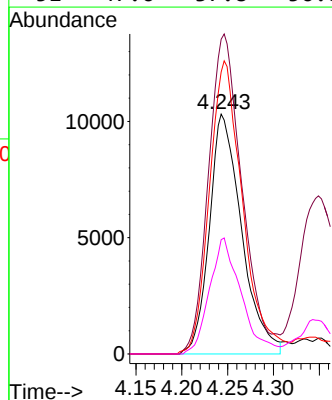
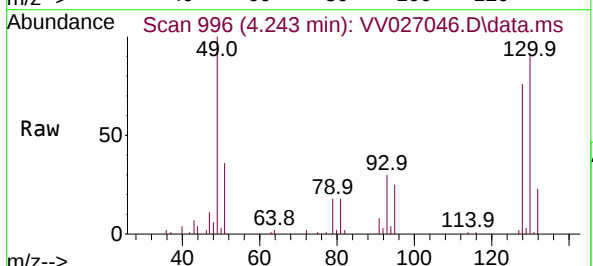
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

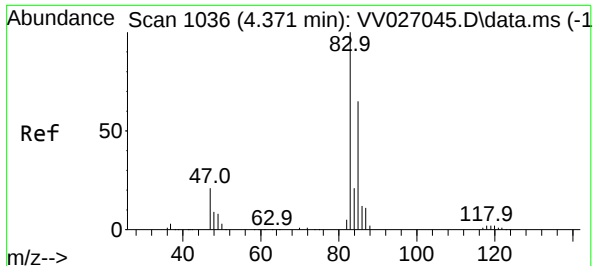
Tgt Ion: 43 Resp: 42774
Ion Ratio Lower Upper
43 100
72 19.4 11.9 35.7



#23
Bromochloromethane
Concen: 10.141 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.000 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

Tgt Ion: 128 Resp: 25155
Ion Ratio Lower Upper
128 100
49 131.2 98.7 183.3
130 117.5 89.5 166.1
51 47.6 37.8 56.8





#25

Chloroform

Concen: 10.270 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

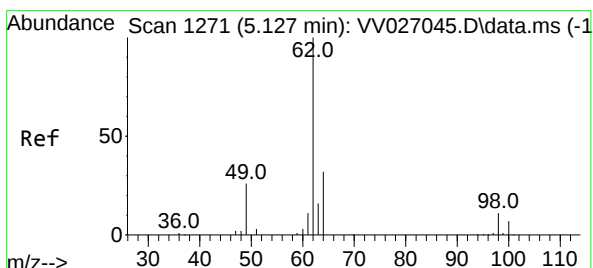
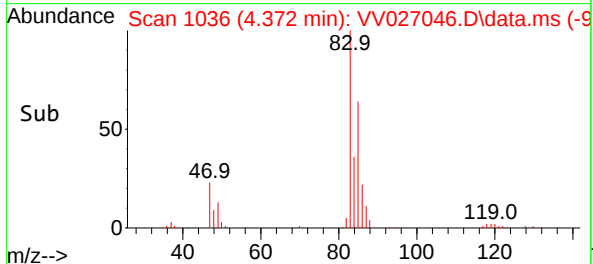
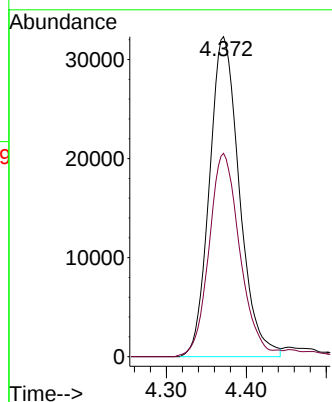
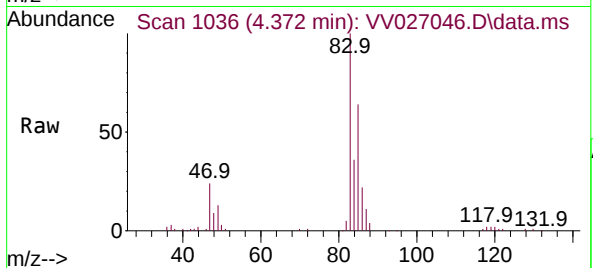
VSTD010243

Tgt Ion: 83 Resp: 84196

Ion Ratio Lower Upper

83 100

85 63.5 45.4 84.4



#27

1,2-Dichloroethane

Concen: 10.070 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV027046.D

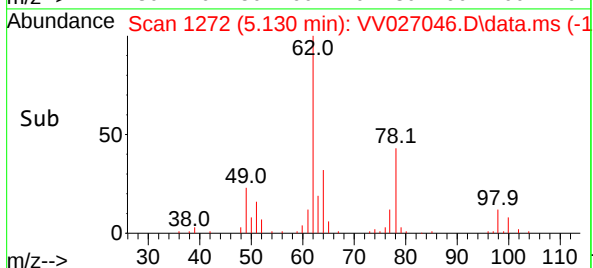
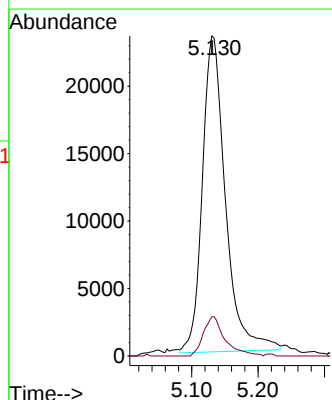
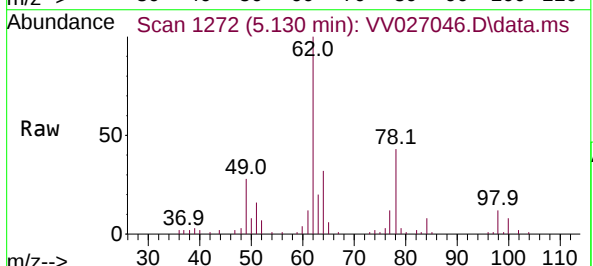
Acq: 28 Jul 2022 18:45

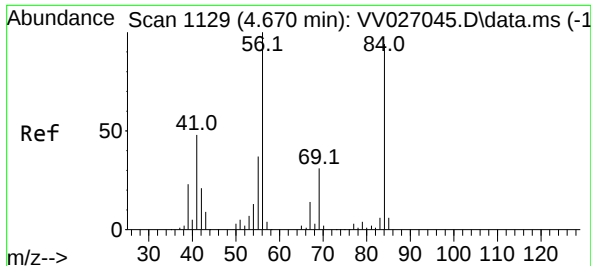
Tgt Ion: 62 Resp: 56809

Ion Ratio Lower Upper

62 100

98 12.2 9.0 13.6





#29

Cyclohexane

Concen: 9.088 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD010243

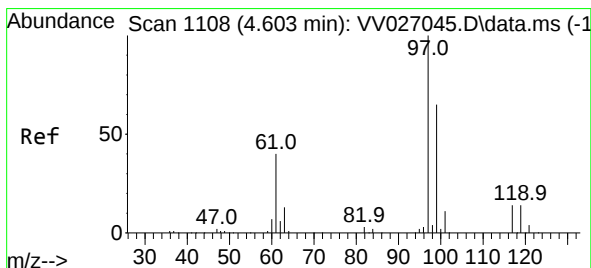
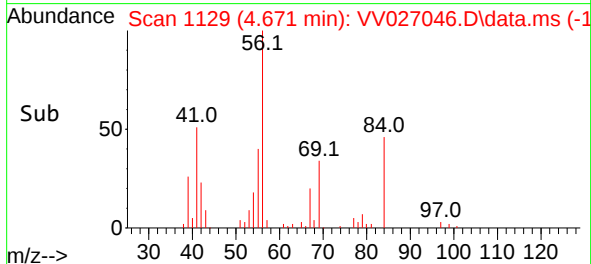
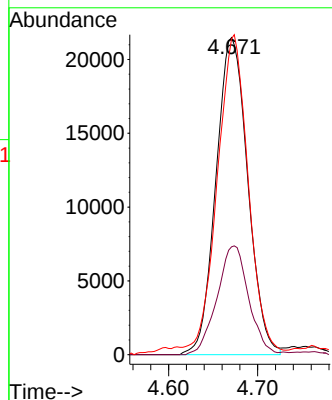
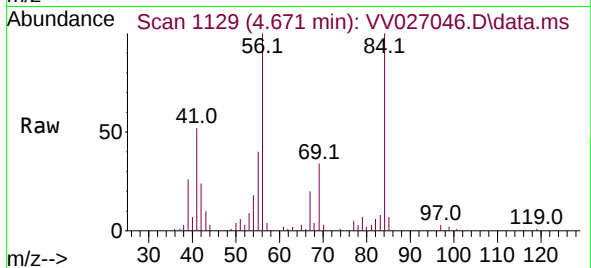
Tgt Ion: 56 Resp: 53315

Ion Ratio Lower Upper

56 100

69 34.0 25.9 38.9

84 98.1 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 10.150 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

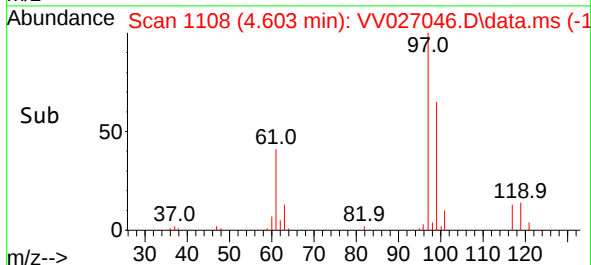
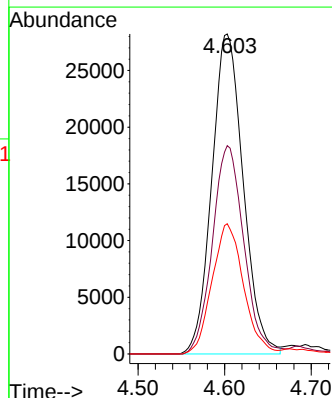
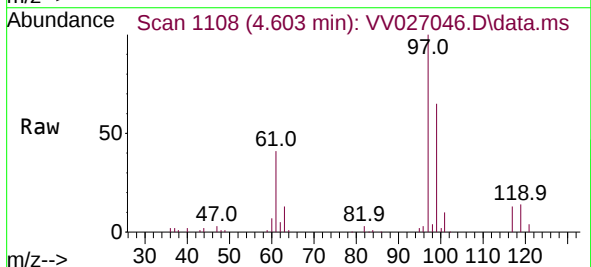
Tgt Ion: 97 Resp: 71135

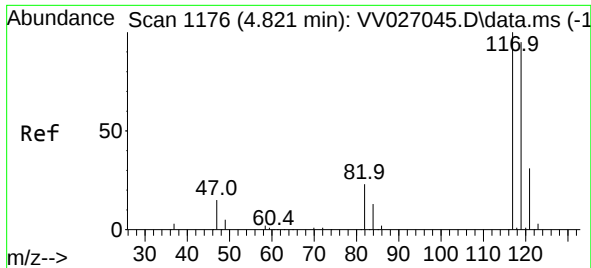
Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.2

61 40.7 32.1 48.1

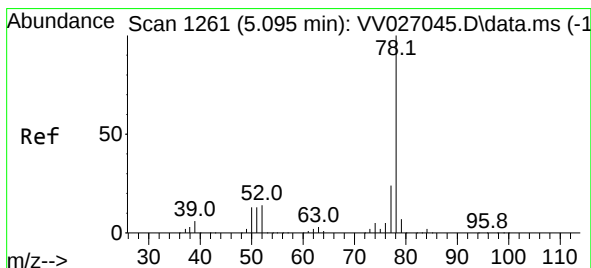
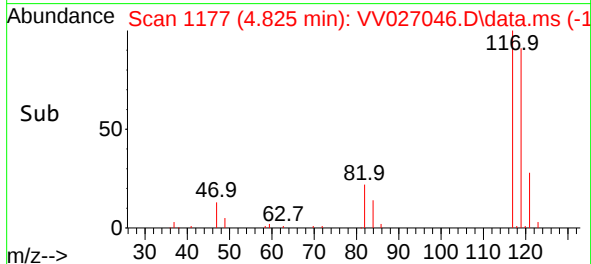
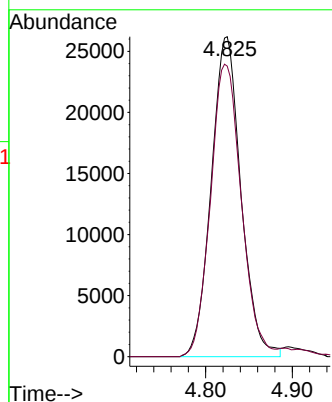
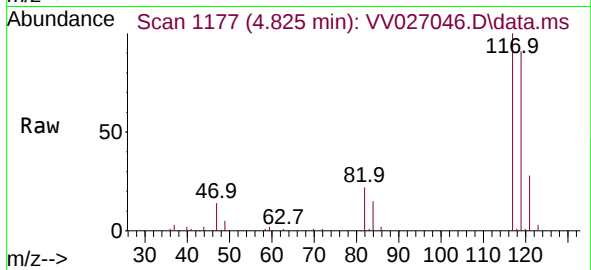




#31
Carbon tetrachloride
Concen: 10.228 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

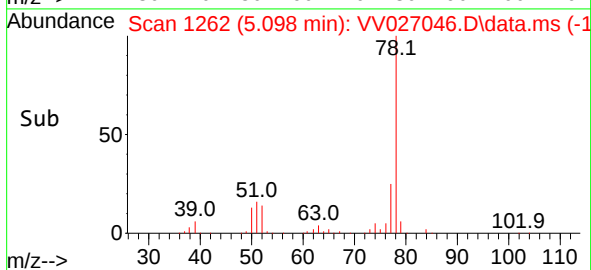
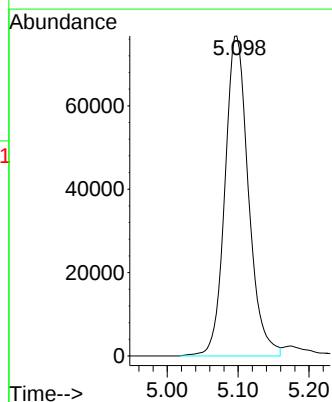
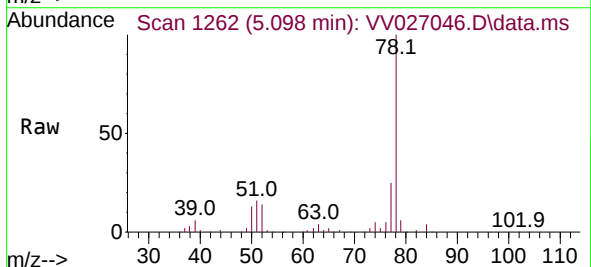
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

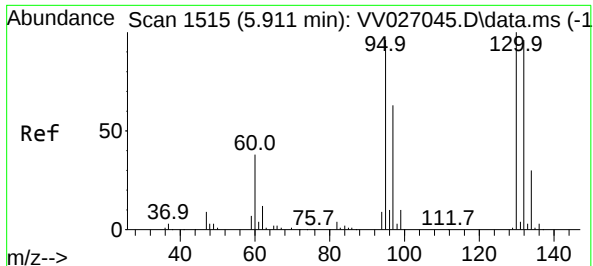
Tgt Ion:117 Resp: 62402
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.6



#33
Benzene
Concen: 10.070 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

Tgt Ion: 78 Resp: 177189

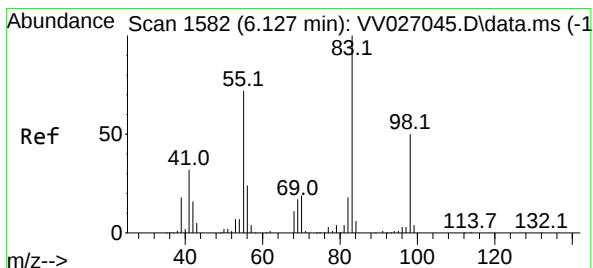
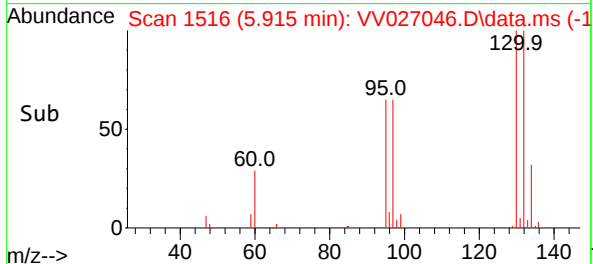
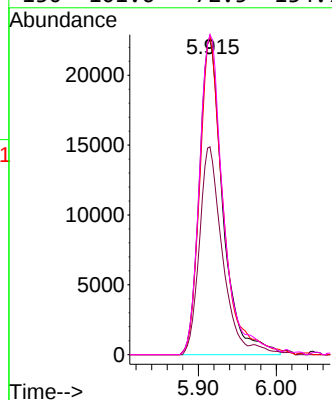
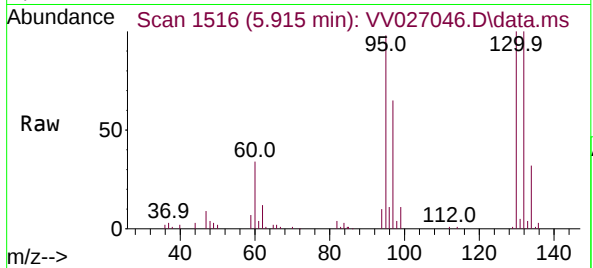




#34
Trichloroethene
Concen: 10.450 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

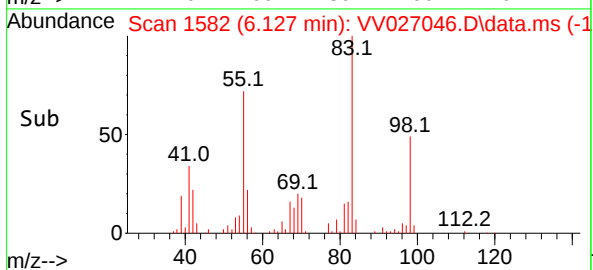
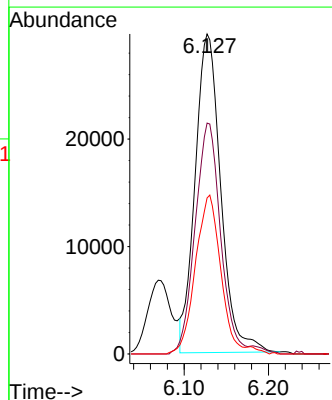
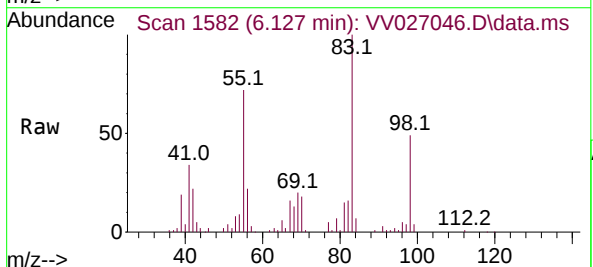
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

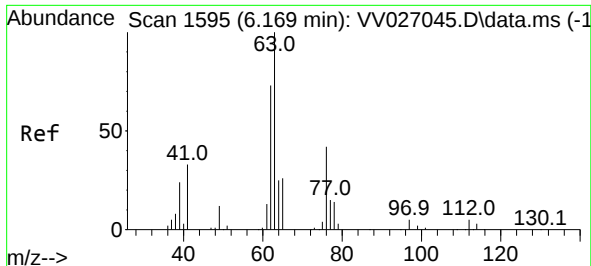
Tgt Ion: 95 Resp: 47328
Ion Ratio Lower Upper
95 100
97 66.0 45.9 85.3
132 101.4 69.8 129.6
130 101.6 72.5 134.7



#35
Methylcyclohexane
Concen: 9.318 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

Tgt Ion: 83 Resp: 62956
Ion Ratio Lower Upper
83 100
55 71.6 55.5 83.3
98 48.8 39.0 58.4





#37

1,2-Dichloropropane

Concen: 9.433 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

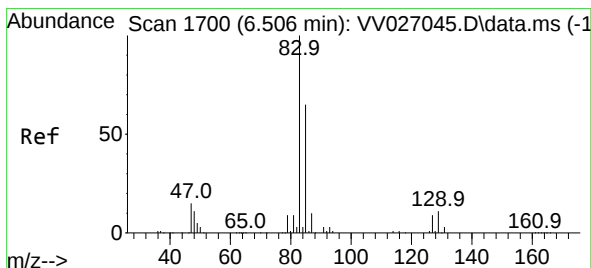
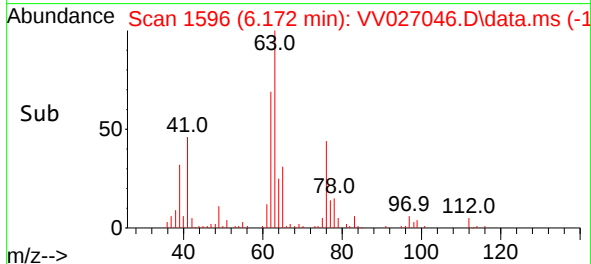
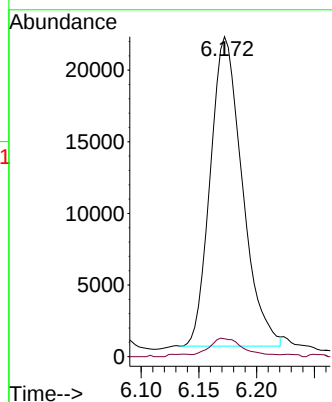
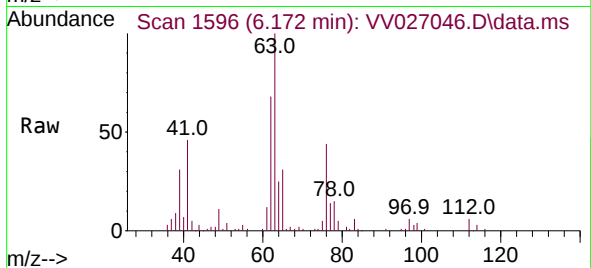
VSTD010243

Tgt Ion: 63 Resp: 41540

Ion Ratio Lower Upper

63 100

112 6.5 3.7 5.5#



#38

Bromodichloromethane

Concen: 10.304 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

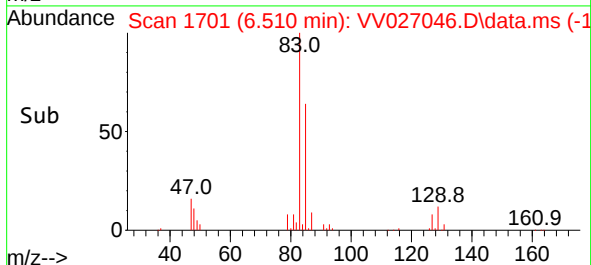
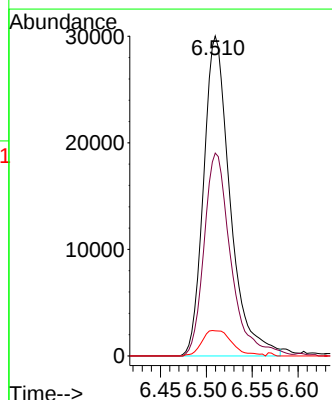
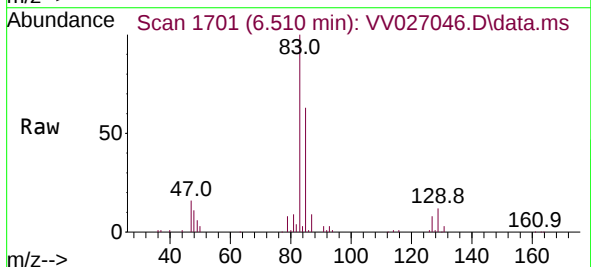
Tgt Ion: 83 Resp: 60275

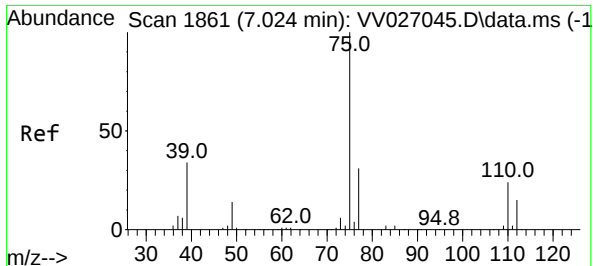
Ion Ratio Lower Upper

83 100

85 63.4 45.5 84.5

127 7.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 9.691 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.007 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

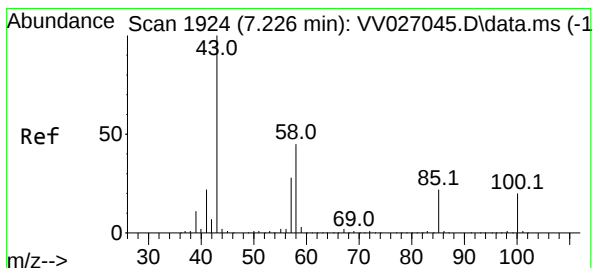
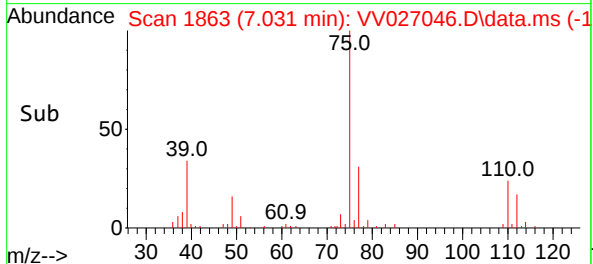
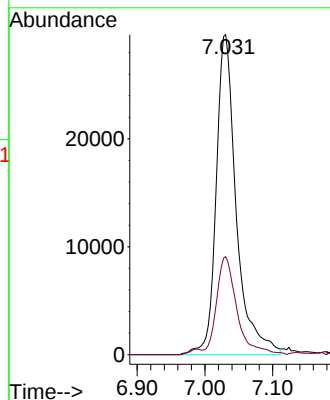
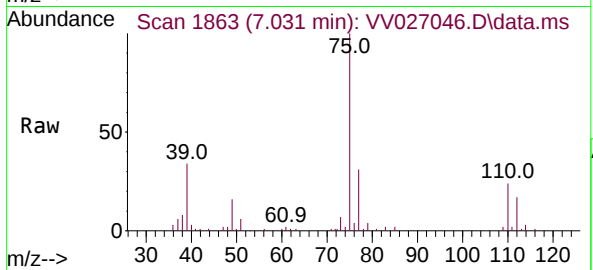
VSTD010243

Tgt Ion: 75 Resp: 61225

Ion Ratio Lower Upper

75 100

77 30.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 18.671 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

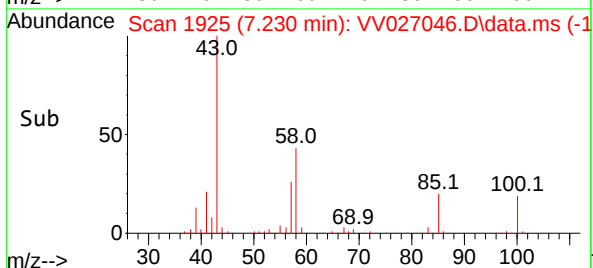
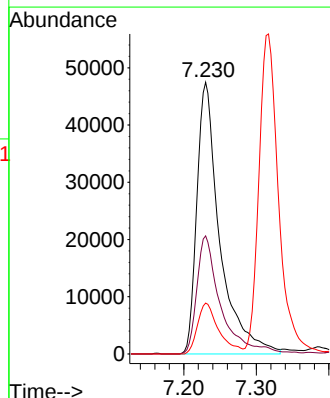
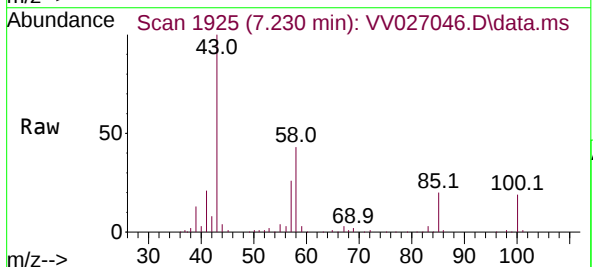
Tgt Ion: 43 Resp: 104000

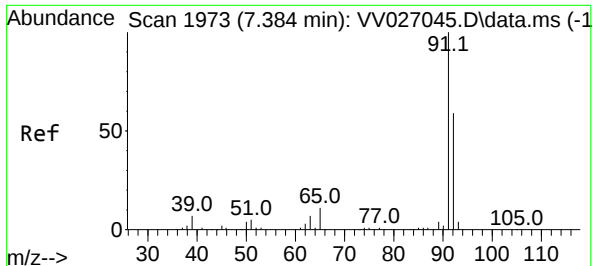
Ion Ratio Lower Upper

43 100

58 43.8 35.3 52.9

100 17.5 15.7 23.5





#42

Toluene

Concen: 9.854 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

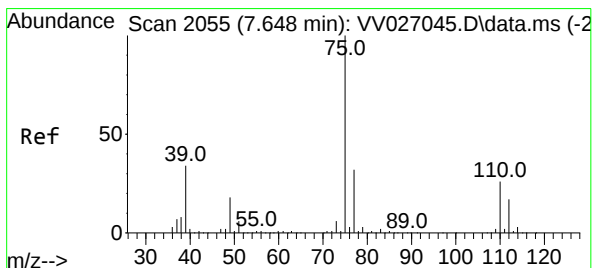
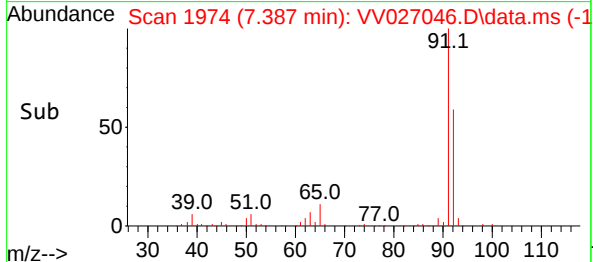
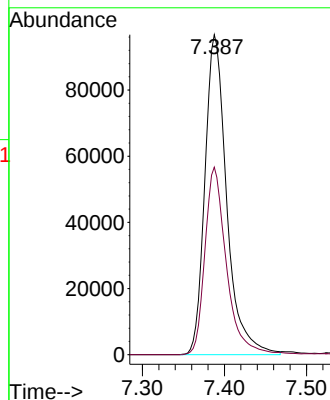
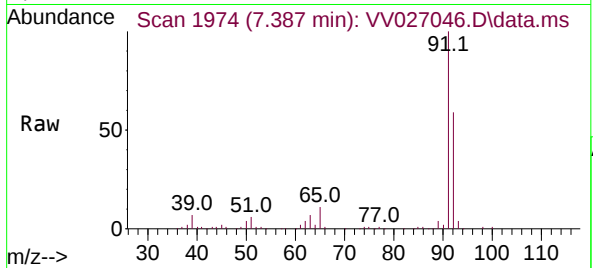
VSTD010243

Tgt Ion: 91 Resp: 178771

Ion Ratio Lower Upper

91 100

92 58.6 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 9.494 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.007 min

Lab File: VV027046.D

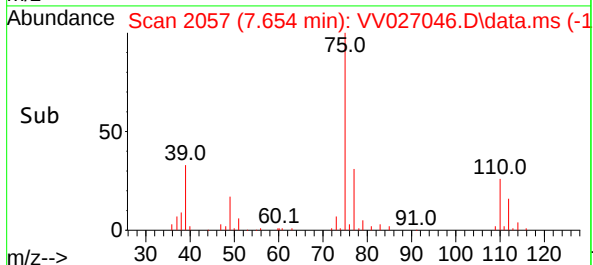
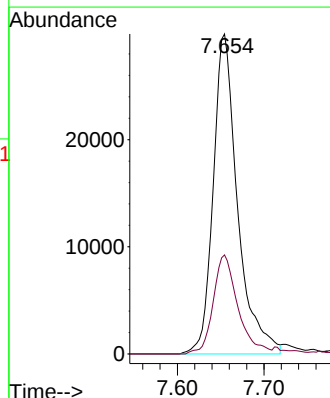
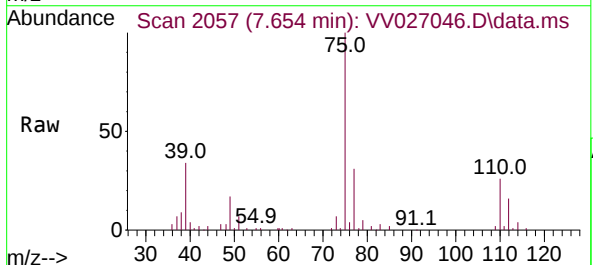
Acq: 28 Jul 2022 18:45

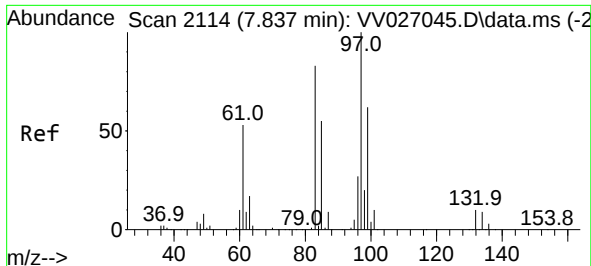
Tgt Ion: 75 Resp: 58311

Ion Ratio Lower Upper

75 100

77 31.0 22.0 41.0

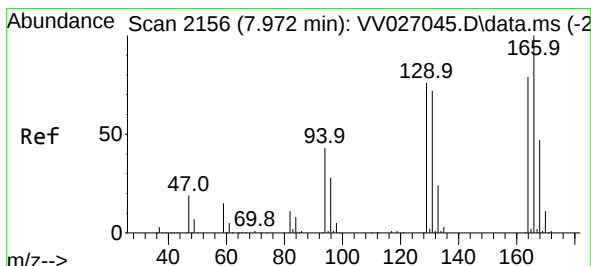
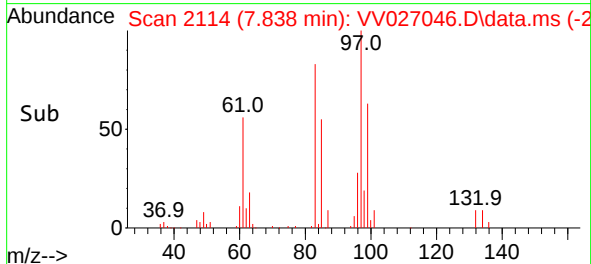
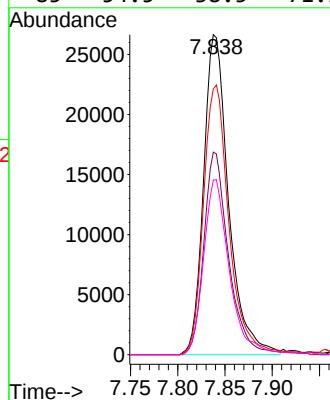
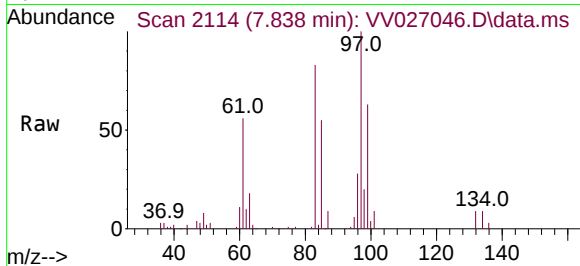




#45
1,1,2-Trichloroethane
Concen: 10.412 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

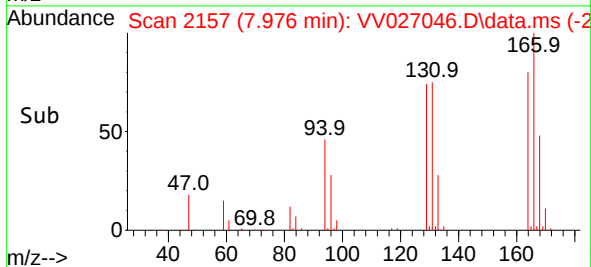
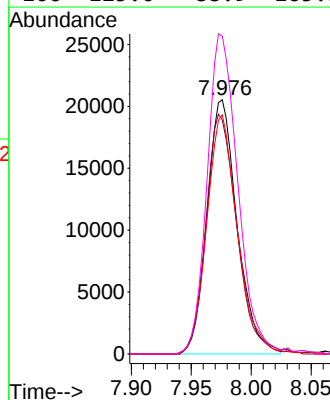
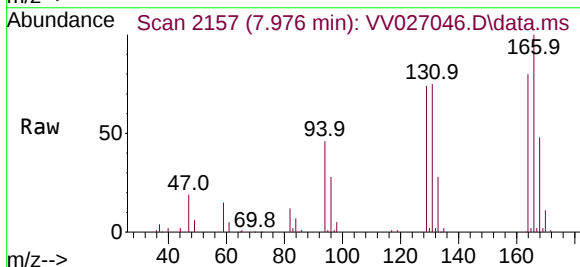
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

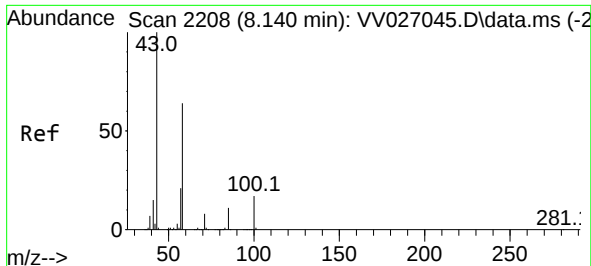
Tgt Ion: 97	Resp: 49091
Ion Ratio	Lower Upper
97 100	
99 63.3	43.2 80.2
83 83.0	58.0 107.6
85 54.5	38.5 71.5



#46
Tetrachloroethene
Concen: 10.138 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

Tgt	Ion:164	Resp:	35911
Ion	Ratio	Lower	Upper
164	100		
129	92.1	67.5	125.4
131	94.0	64.3	119.3
166	125.0	88.9	165.1



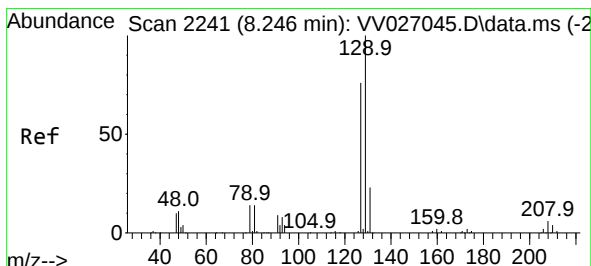
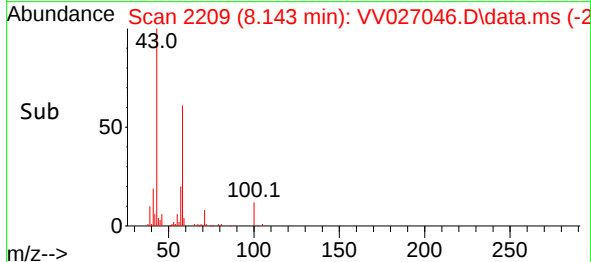
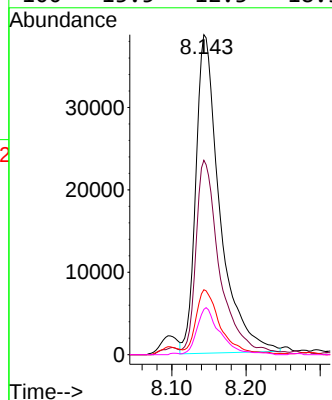
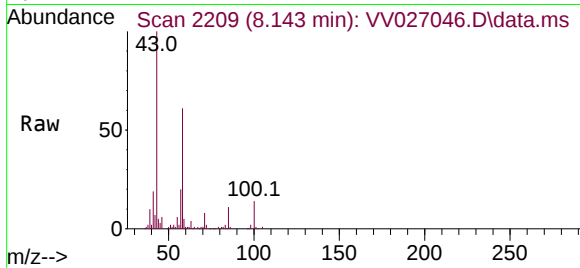


#48
2-Hexanone
Concen: 19.838 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

Tgt Ion: 43 Resp: 87080

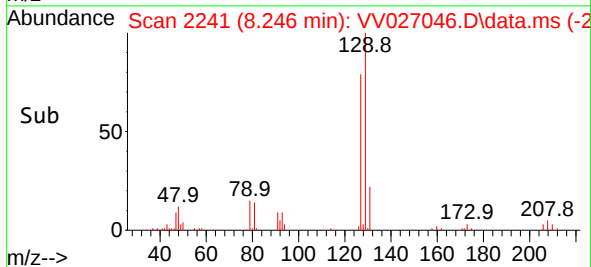
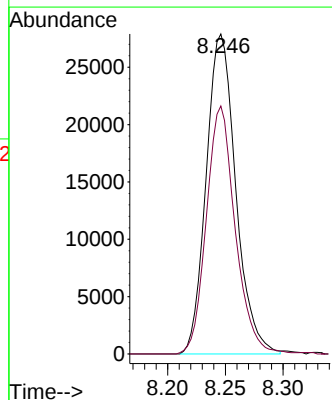
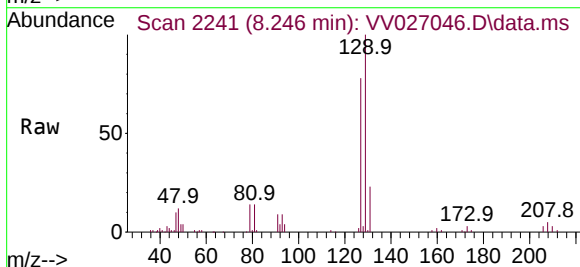
Ion	Ratio	Lower	Upper
43	100		
58	56.5	50.8	76.2
57	19.2	17.1	25.7
100	13.5	12.3	18.5

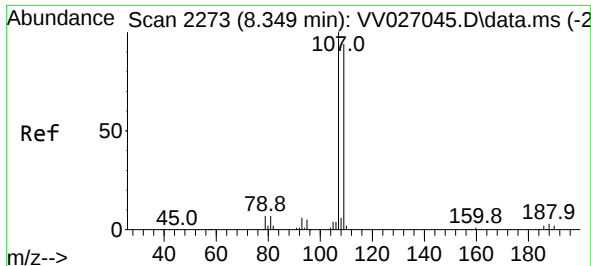


#49
Dibromochloromethane
Concen: 10.270 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

Tgt Ion: 129 Resp: 49798

Ion	Ratio	Lower	Upper
129	100		
127	77.5	53.3	98.9





#50

1,2-Dibromoethane

Concen: 10.349 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD010243

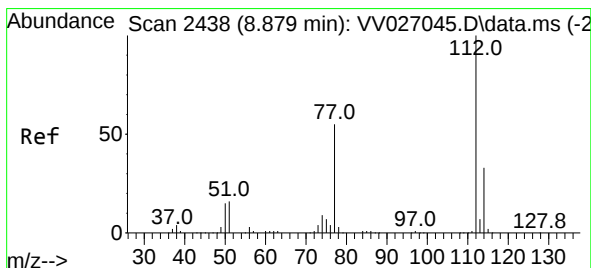
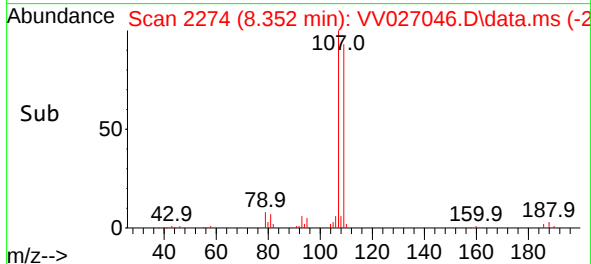
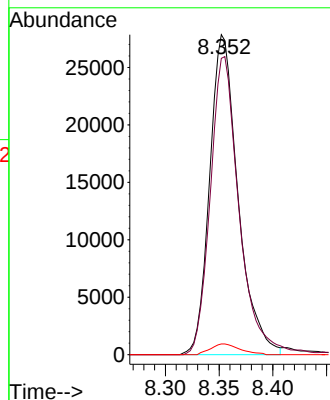
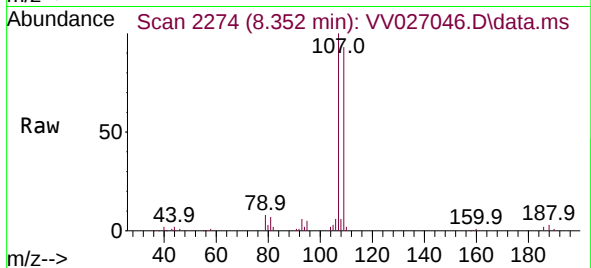
Tgt Ion:107 Resp: 51168

Ion Ratio Lower Upper

107 100

109 92.6 65.7 121.9

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 10.065 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

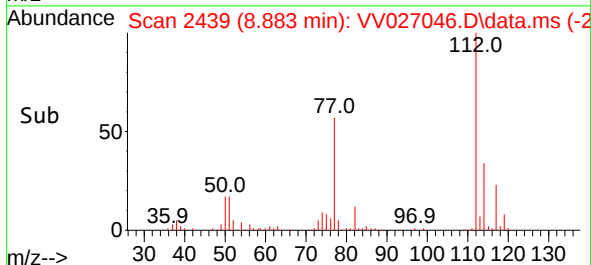
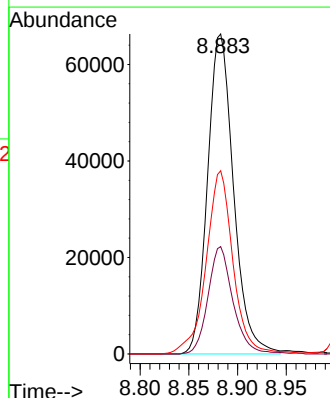
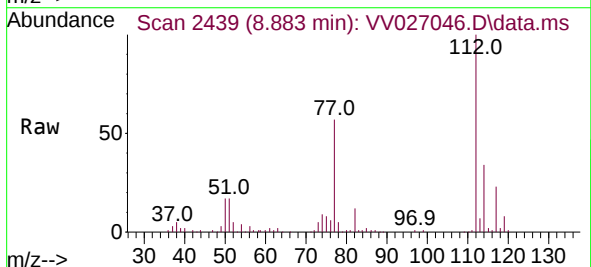
Tgt Ion:112 Resp: 123152

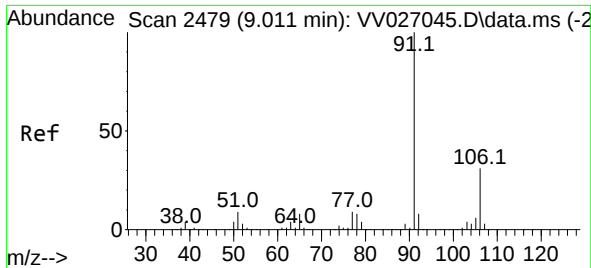
Ion Ratio Lower Upper

112 100

114 33.6 22.8 42.4

77 57.2 44.2 66.2

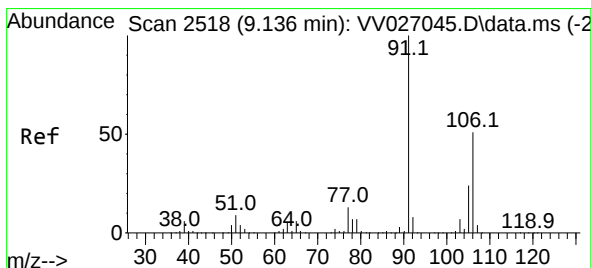
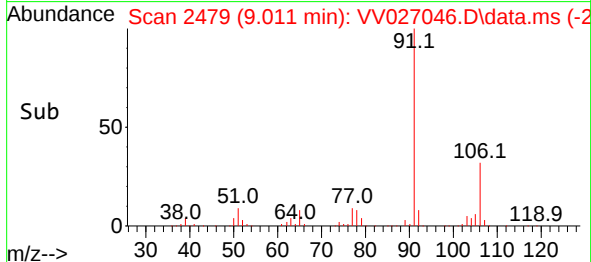
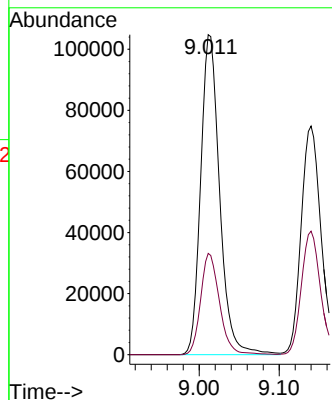
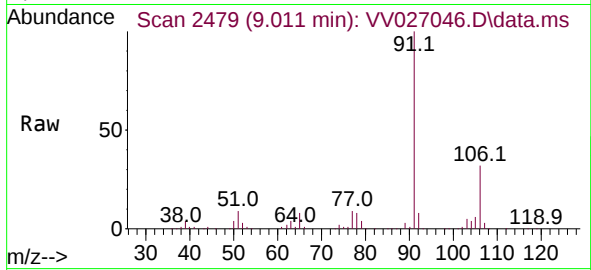




#52
Ethylbenzene
Concen: 9.427 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

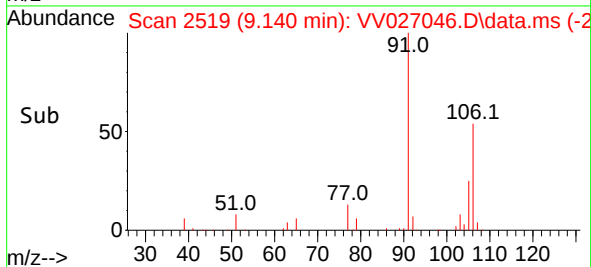
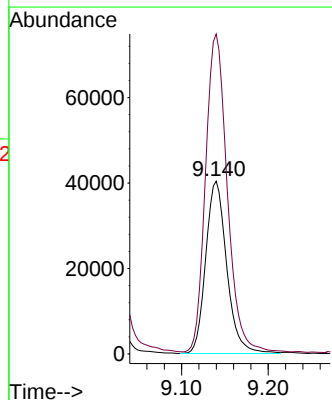
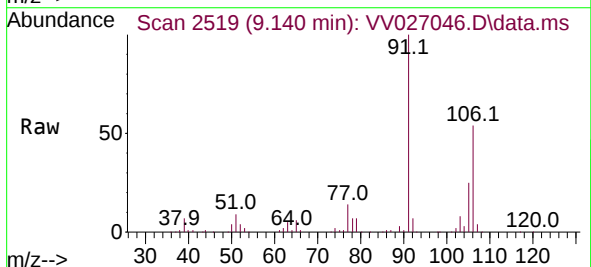
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

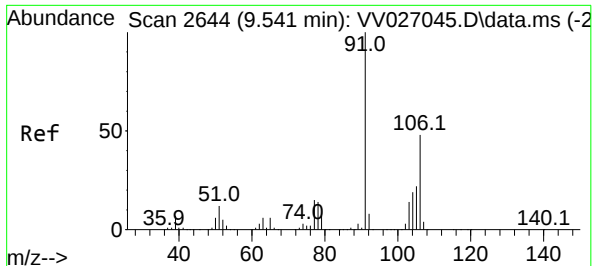
Tgt Ion: 91 Resp: 173174
Ion Ratio Lower Upper
91 100
106 31.7 21.8 40.6



#53
m,p-Xylene
Concen: 9.407 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

Tgt Ion: 106 Resp: 67972
Ion Ratio Lower Upper
106 100
91 185.2 137.5 255.3





#54

o-Xylene

Concen: 9.256 ug/L

RT: 9.542 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

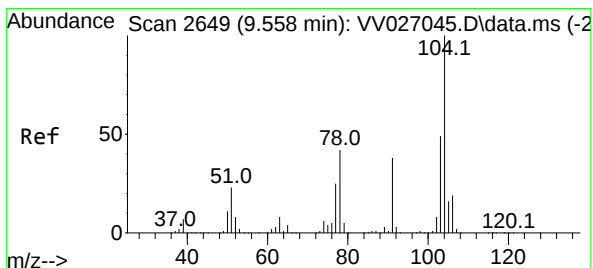
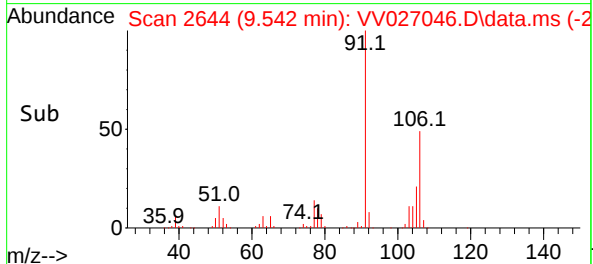
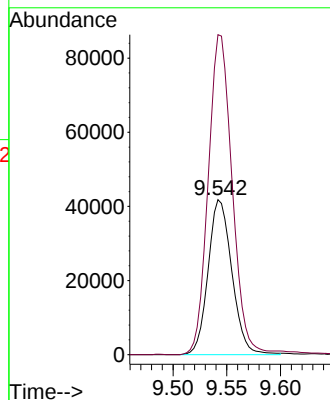
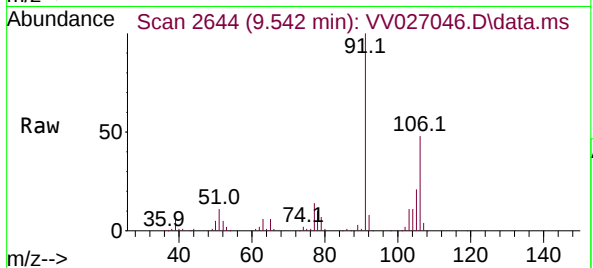
VSTD010243

Tgt Ion:106 Resp: 64404

Ion Ratio Lower Upper

106 100

91 206.4 146.6 272.2



#55

Styrene

Concen: 8.996 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.003 min

Lab File: VV027046.D

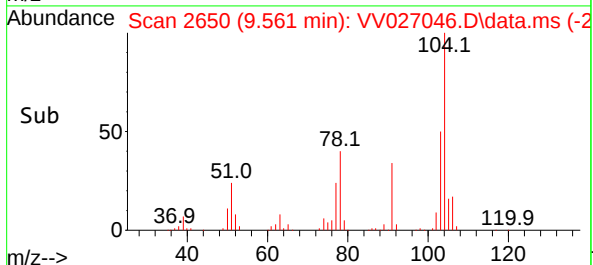
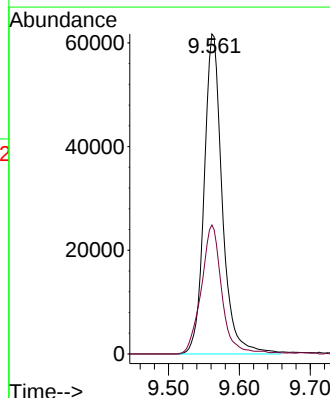
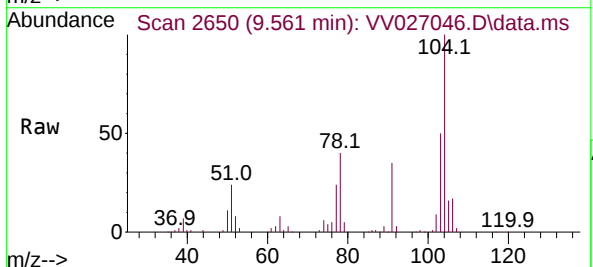
Acq: 28 Jul 2022 18:45

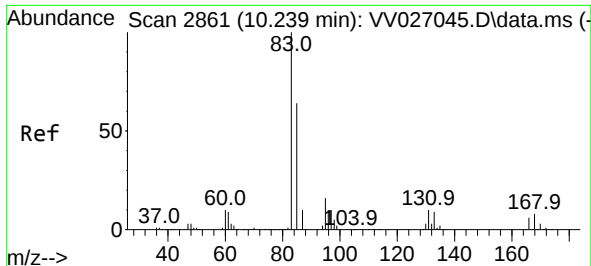
Tgt Ion:104 Resp: 109557

Ion Ratio Lower Upper

104 100

78 40.3 29.6 55.0

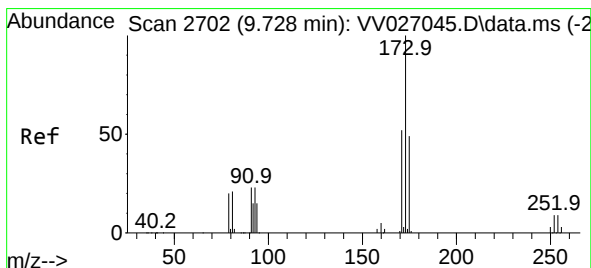
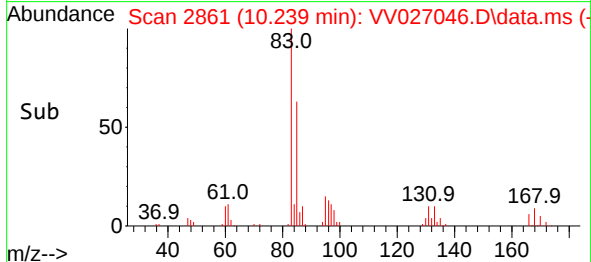
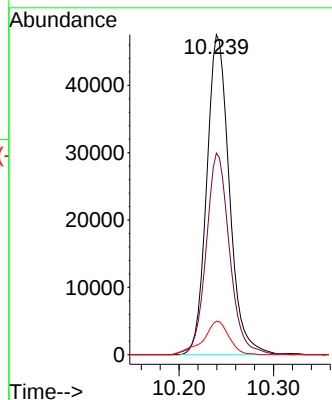
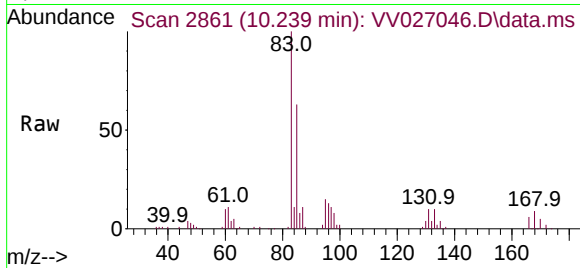




#57
 1,1,2,2-Tetrachloroethane
 Concen: 10.395 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV027046.D
 Acq: 28 Jul 2022 18:45

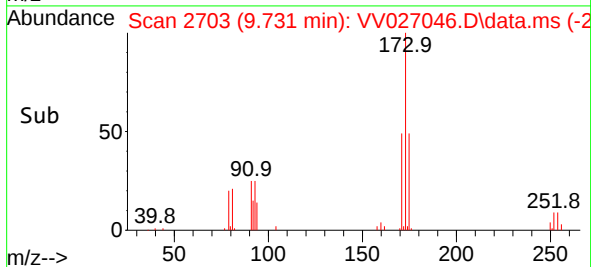
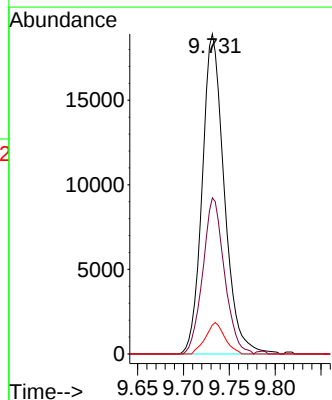
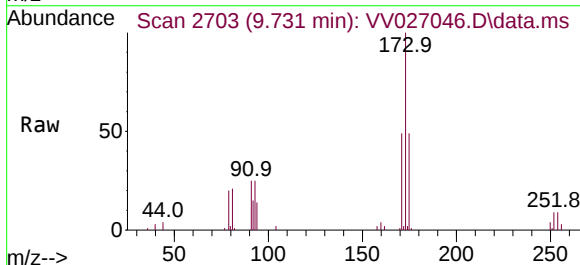
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010243

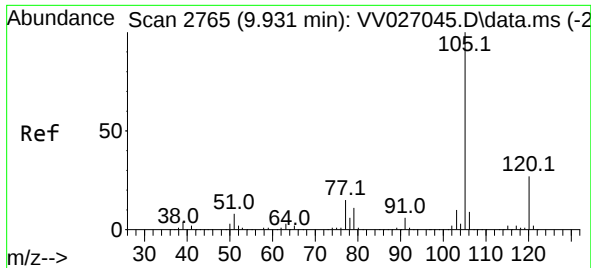
Tgt Ion:	83	Resp:	79020
Ion Ratio	Lower	Upper	
83	100		
85	63.0	45.2	84.0
131	10.4	8.1	12.1



#59
 Bromoform
 Concen: 10.565 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV027046.D
 Acq: 28 Jul 2022 18:45

Tgt Ion:	173	Resp:	31645
Ion Ratio	Lower	Upper	
173	100		
175	47.7	39.0	58.4
254	8.5	6.9	10.3

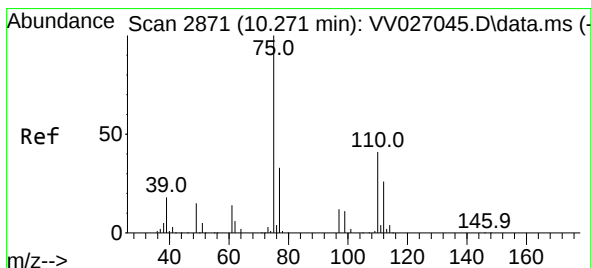
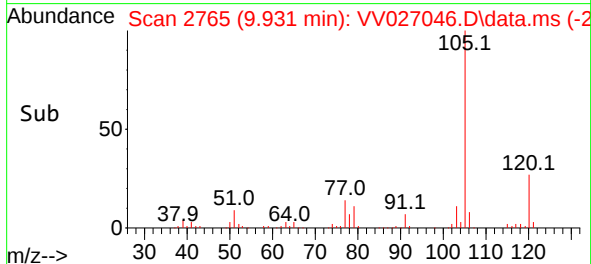
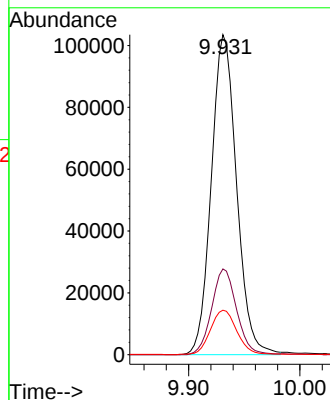
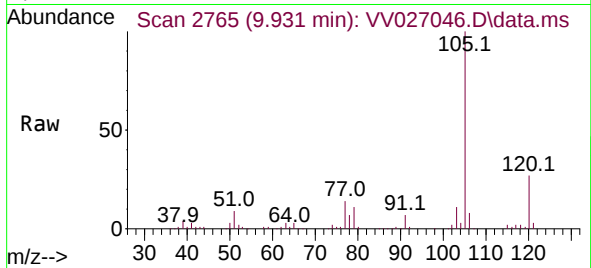




#60
Isopropylbenzene
Concen: 9.922 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

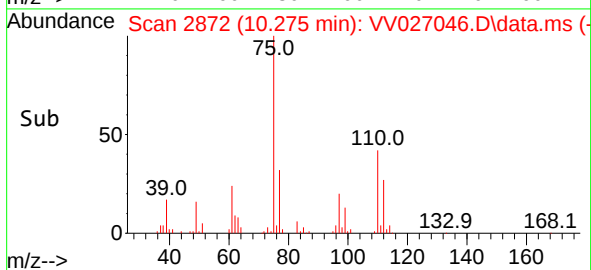
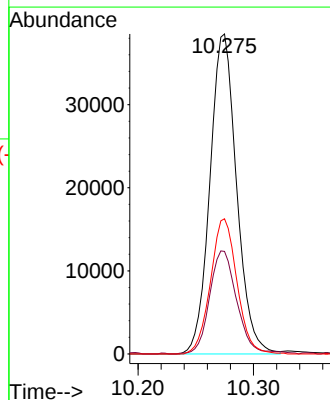
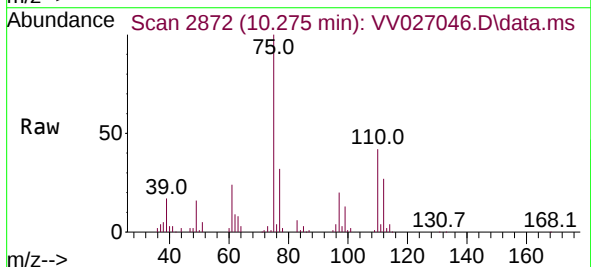
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

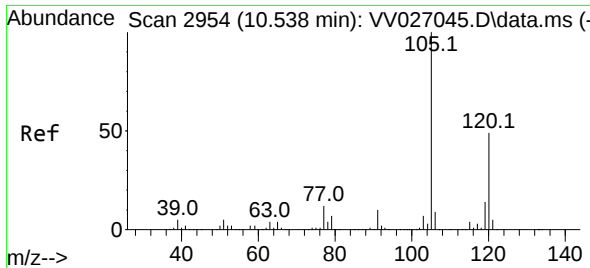
Tgt Ion:105 Resp: 163266
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 14.6 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 11.185 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

Tgt Ion: 75 Resp: 61854
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8
110 41.8 32.7 49.1

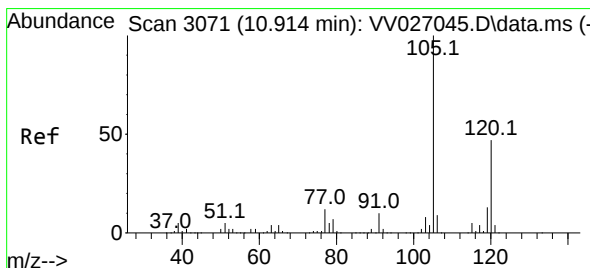
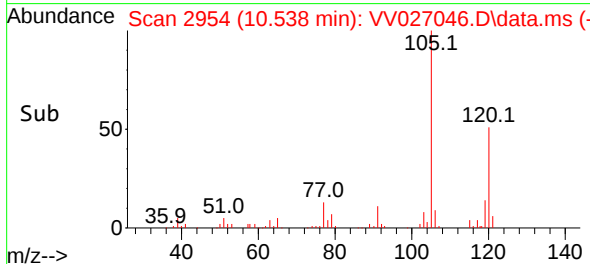
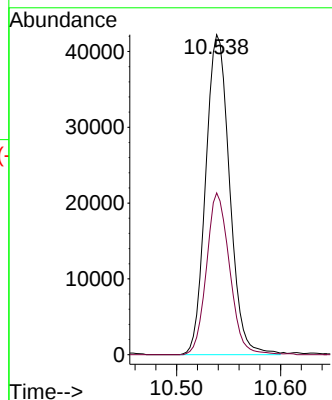
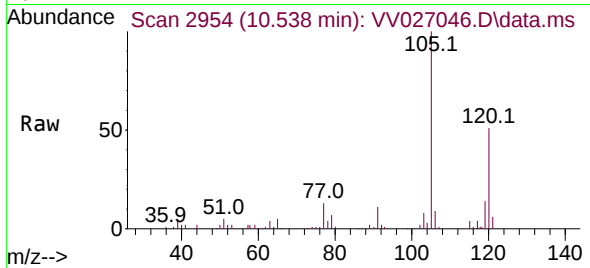




#62
1,3,5-Trimethylbenzene
Concen: 9.554 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

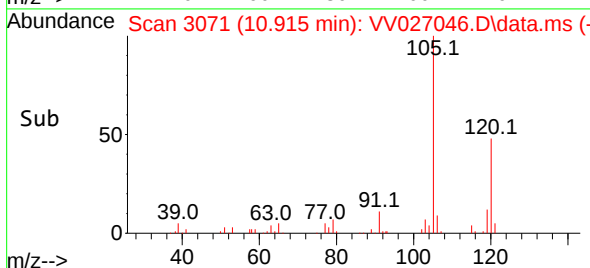
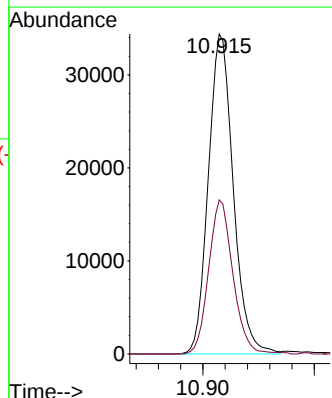
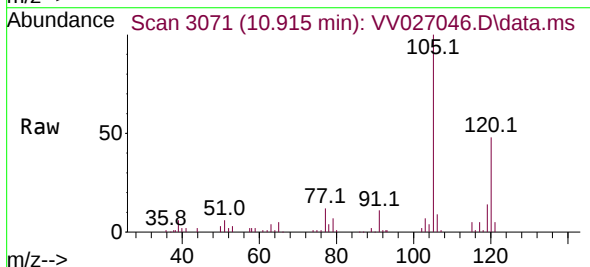
Instrument :
MSVOA_V
ClientSampleId :
VSTD010243

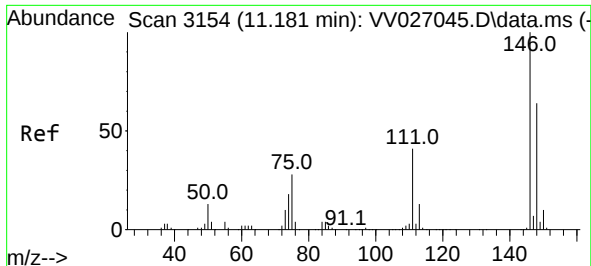
Tgt Ion:105 Resp: 67290
Ion Ratio Lower Upper
105 100
120 49.0 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 9.510 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV027046.D
Acq: 28 Jul 2022 18:45

Tgt Ion:105 Resp: 53448
Ion Ratio Lower Upper
105 100
120 46.8 37.0 55.6

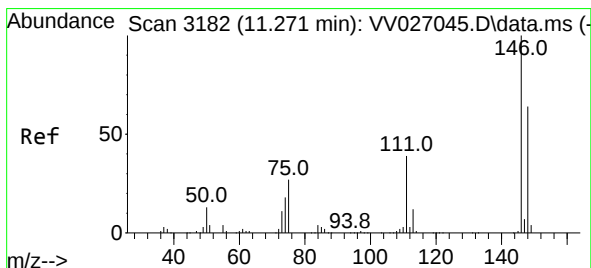
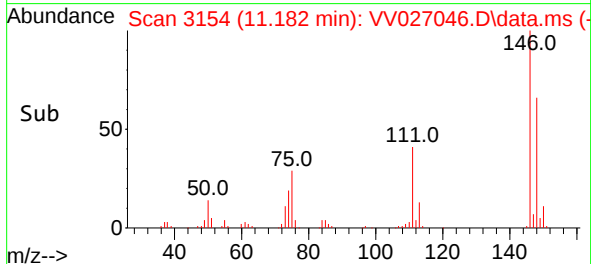
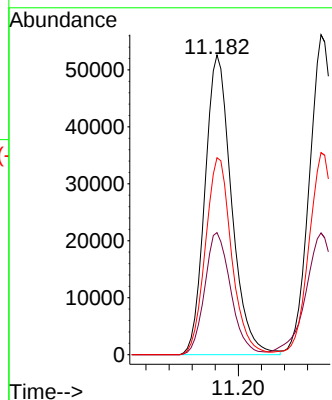
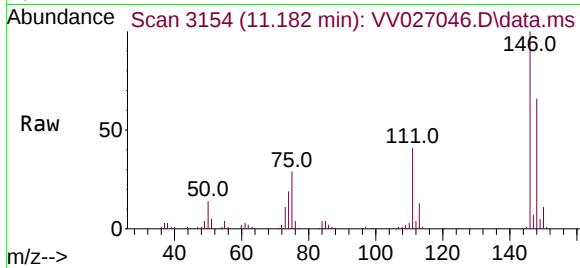




#64
 1,3-Dichlorobenzene
 Concen: 10.555 ug/L
 RT: 11.182 min Scan# 3154
 Delta R.T. 0.000 min
 Lab File: VV027046.D
 Acq: 28 Jul 2022 18:45

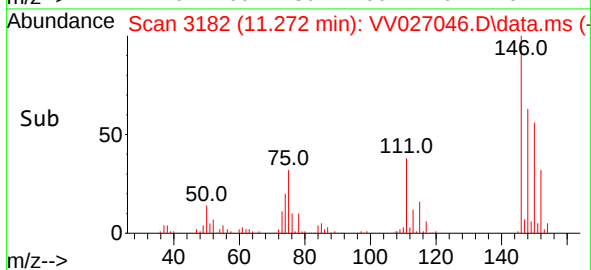
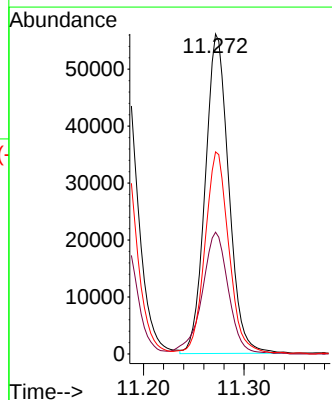
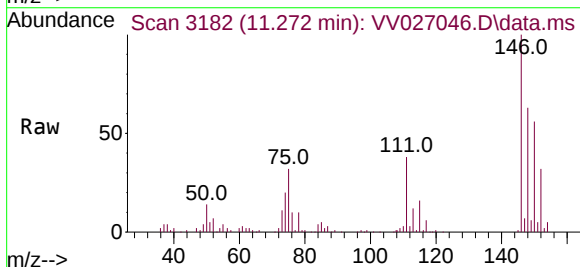
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010243

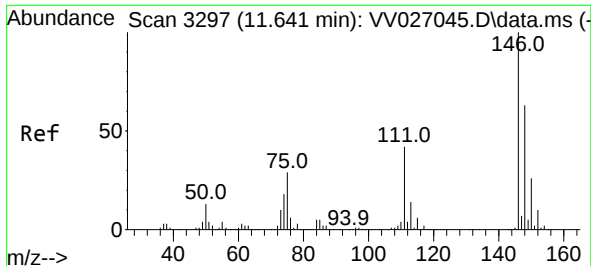
Tgt Ion:146 Resp: 84310
 Ion Ratio Lower Upper
 146 100
 111 40.7 28.4 52.8
 148 65.7 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 10.835 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV027046.D
 Acq: 28 Jul 2022 18:45

Tgt Ion:146 Resp: 91201
 Ion Ratio Lower Upper
 146 100
 111 38.0 27.4 51.0
 148 63.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 10.707 ug/L

RT: 11.645 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD010243

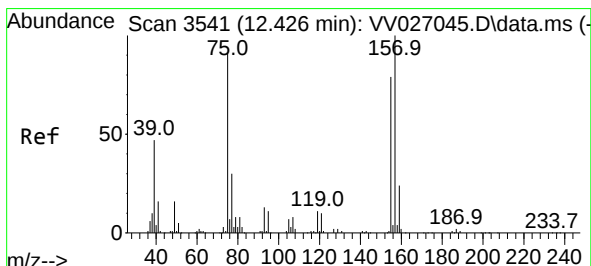
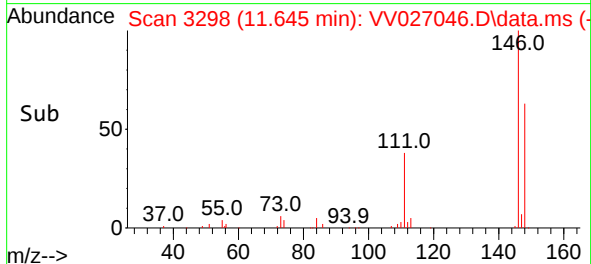
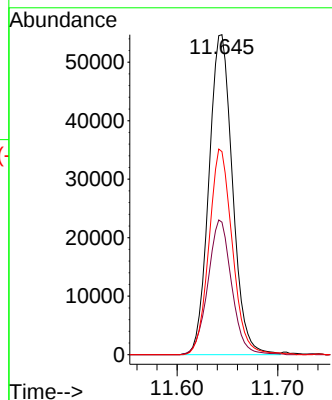
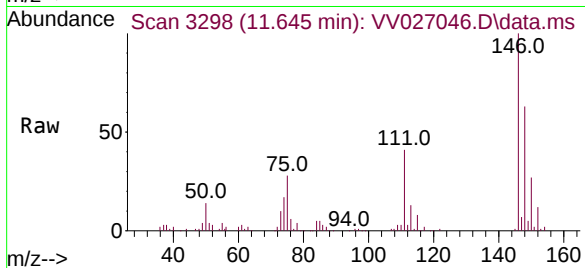
Tgt Ion:146 Resp: 89319

Ion Ratio Lower Upper

146 100

111 41.4 34.0 51.0

148 63.5 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 10.975 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

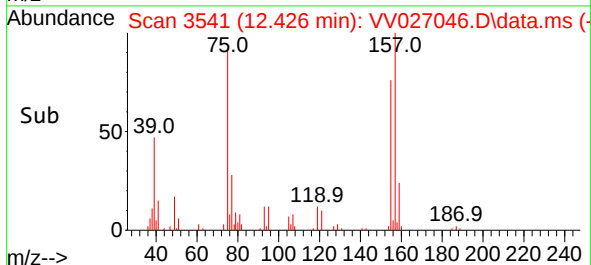
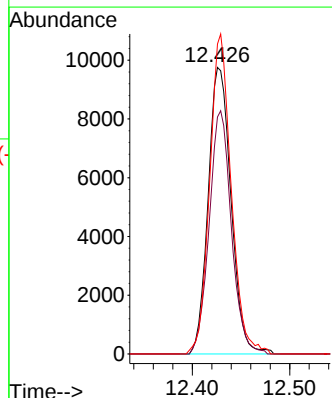
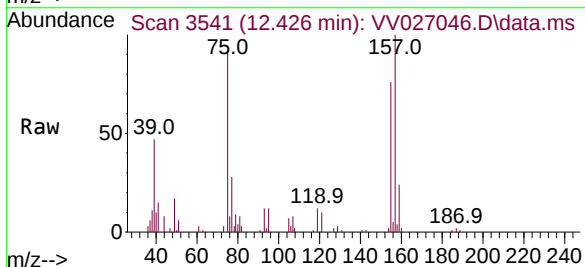
Tgt Ion: 75 Resp: 15913

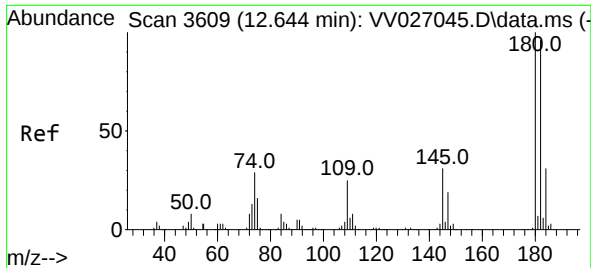
Ion Ratio Lower Upper

75 100

155 82.7 69.1 103.7

157 108.1 87.8 131.8

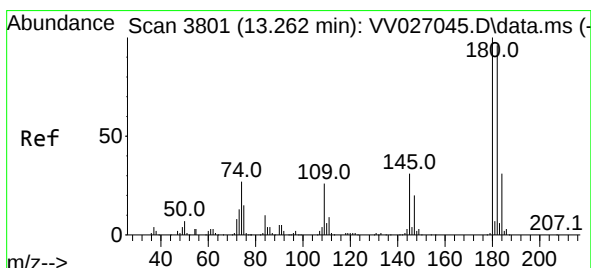
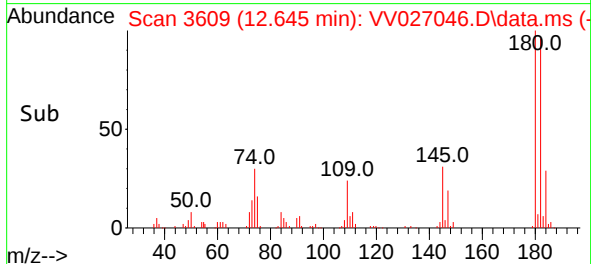
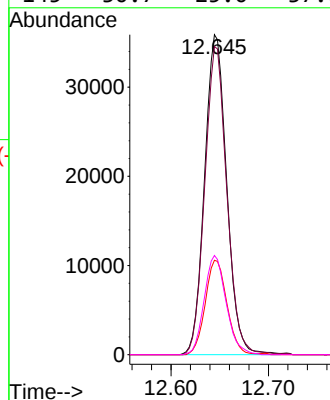
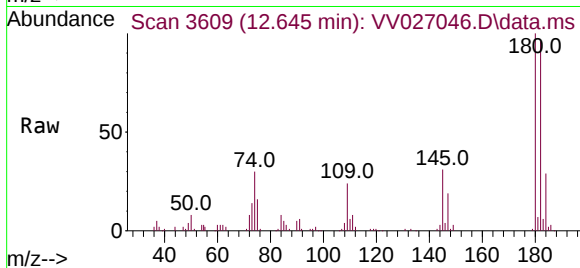




#69
 1,3,5-Trichlorobenzene
 Concen: 10.442 ug/L
 RT: 12.645 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV027046.D
 Acq: 28 Jul 2022 18:45

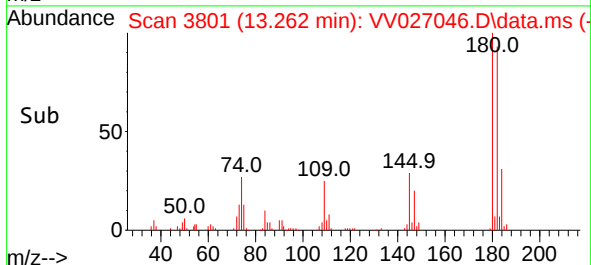
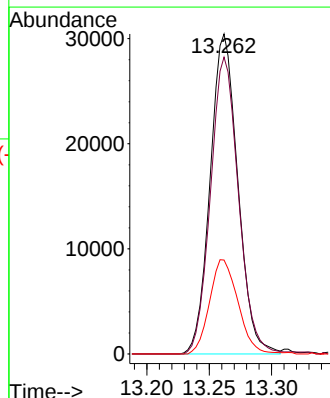
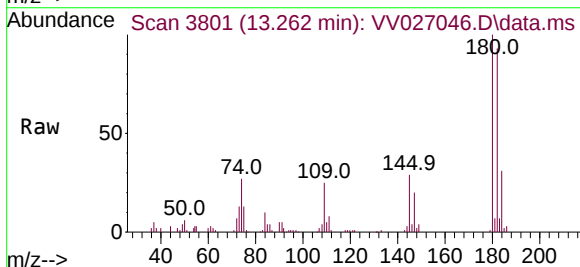
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010243

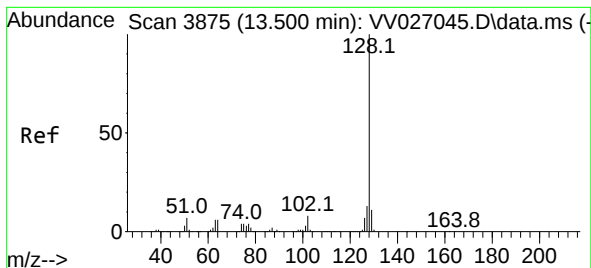
Tgt Ion:180	Resp:	56576
Ion Ratio	Lower	Upper
180	100	
182	95.9	76.2 114.4
184	28.9	24.8 37.2
145	30.7	25.0 37.6



#70
 1,2,4-trichlorobenzene
 Concen: 10.150 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV027046.D
 Acq: 28 Jul 2022 18:45

Tgt Ion:180	Resp:	47067
Ion Ratio	Lower	Upper
180	100	
182	93.7	75.9 113.9
145	30.2	24.7 37.1





#71

Naphthalene

Concen: 10.090 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD010243

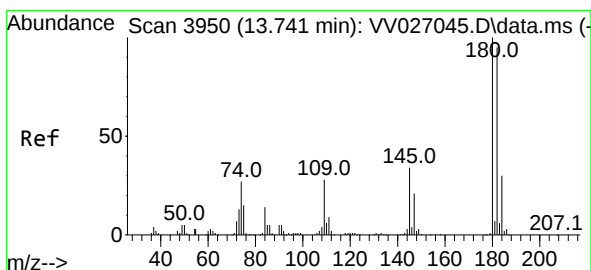
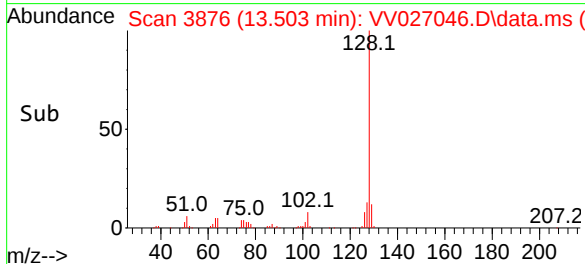
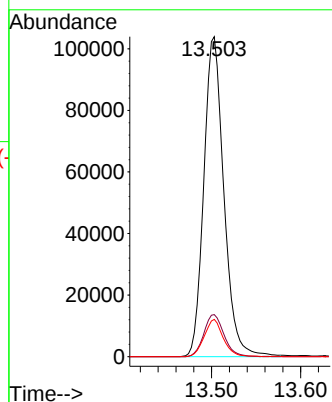
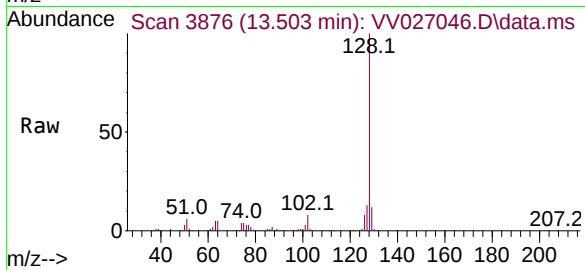
Tgt Ion:128 Resp: 162799

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 10.185 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV027046.D

Acq: 28 Jul 2022 18:45

Tgt Ion:180 Resp: 51225

Ion Ratio Lower Upper

180 100

182 94.9 76.3 114.5

145 34.0 27.4 41.0

