

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027744.D
 Acq On : 06 Sep 2022 15:59
 Operator : SY/MD
 Sample : VSTD02031
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020231

Quant Time: Sep 07 05:17:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	169816	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	98777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	240258	14.304	ug/L	0.00
7) Chloroethane-d5	1.561	69	199601	14.045	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	499579	14.647	ug/L	0.00
20) 2-Butanone-d5	3.892	46	486178	157.373	ug/L	-0.05
24) Chloroform-d	4.342	84	489994	14.187	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	238473	15.101	ug/L	0.00
32) Benzene-d6	5.043	84	931749	14.284	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	253951	12.394	ug/L	0.00
41) Toluene-d8	7.310	98	838499	15.001	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	100073	16.176	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	426887	184.071	ug/L	-0.02
56) 1,1,2,2-Tetrachloroeth...	10.214	84	174248	13.568	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	309924	14.486	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	358176	16.598	ug/L	99
3) Chloromethane	1.240	50	318444	15.525	ug/L	97
5) Vinyl chloride	1.307	62	334469	16.975	ug/L	99
6) Bromomethane	1.516	94	176460	18.692	ug/L	97
8) Chloroethane	1.580	64	192201	17.225	ug/L	98
9) Trichlorofluoromethane	1.748	101	538938	19.682	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	252861	17.087	ug/L	99
12) 1,1-Dichloroethene	2.111	96	237216	17.283	ug/L	99
13) Acetone	2.185	43	155974	74.887	ug/L	87
14) Carbon disulfide	2.285	76	732137	17.000	ug/L	99
15) Methyl Acetate	2.439	43	93205	16.478	ug/L	96
16) Methylene chloride	2.500	84	255726	15.171	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	552183	18.518	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	254171	16.726	ug/L	95
19) 1,1-Dichloroethane	3.182	63	469952	15.803	ug/L	99
21) 2-Butanone	3.976	43	512272	180.466	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	271503	17.445	ug/L #	93
23) Bromochloromethane	4.243	128	119086	17.677	ug/L	91
25) Chloroform	4.368	83	510777	16.182	ug/L	98
27) 1,2-Dichloroethane	5.127	62	302745	17.125	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	478007	16.741	ug/L	98
30) Cyclohexane	4.670	56	414881	17.239	ug/L	100
31) Carbon tetrachloride	4.821	117	429434	17.593	ug/L	98
33) Benzene	5.095	78	1047557	16.611	ug/L	100
34) Trichloroethene	5.908	95	259255	16.355	ug/L	97
35) Methylcyclohexane	6.127	83	445504	18.112	ug/L	97
37) 1,2-Dichloropropane	6.169	63	243520	15.151	ug/L	100
38) Bromodichloromethane	6.506	83	336256	16.528	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	365729	18.930	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	1257745	180.786	ug/L	97
42) Toluene	7.384	91	1121062	17.921	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	310328	19.693	ug/L	99

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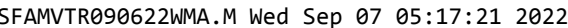
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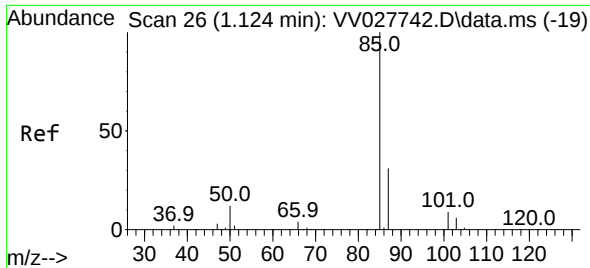
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	166614	16.328	ug/L	98
47) Tetrachloroethene	7.972	164	219057	17.324	ug/L	97
48) 2-Hexanone	8.136	43	901876	172.743	ug/L	97
49) Dibromochloromethane	8.243	129	213510	17.527	ug/L	99
50) 1,2-Dibromoethane	8.349	107	151823	16.545	ug/L	100
51) Chlorobenzene	8.879	112	703050	17.668	ug/L	99
52) Ethylbenzene	9.008	91	1231711	19.267	ug/L	99
53) m,p-Xylene	9.136	106	477912	19.354	ug/L	99
54) o-Xylene	9.542	106	459669	19.506	ug/L	95
55) Styrene	9.558	104	801668	19.983	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	182905	16.302	ug/L	99
59) Bromoform	9.728	173	109138	15.793	ug/L	98
60) Isopropylbenzene	9.931	105	1256054	17.061	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	136568	14.233	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	355187	17.445	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1092162	18.888	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	603801	17.081	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	611792	17.324	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	568584	17.856	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	34260	17.770	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	483452	18.817	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	381641	19.989	ug/L	100
71) Naphthalene	13.500	128	571426	19.047	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	332577	19.286	ug/L	99

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

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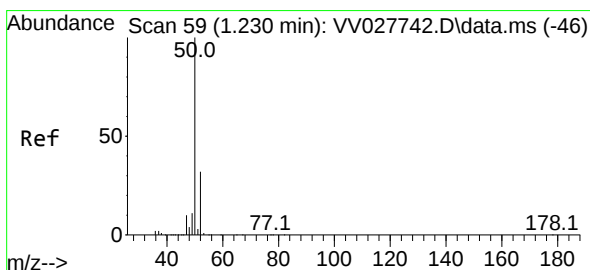
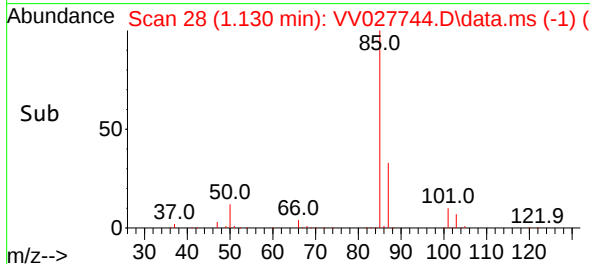
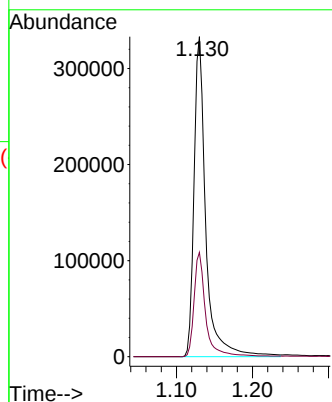
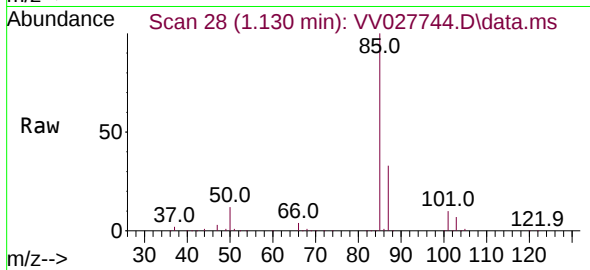




#2
 Dichlorodifluoromethane
 Concen: 16.598 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV027744.D
 Acq: 06 Sep 2022 15:59

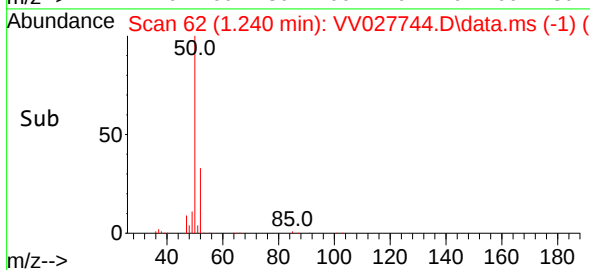
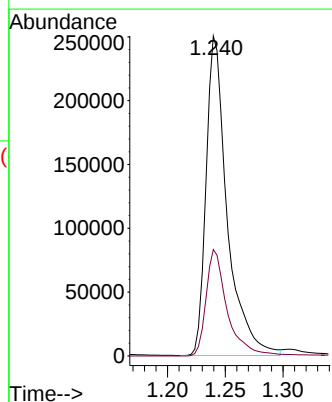
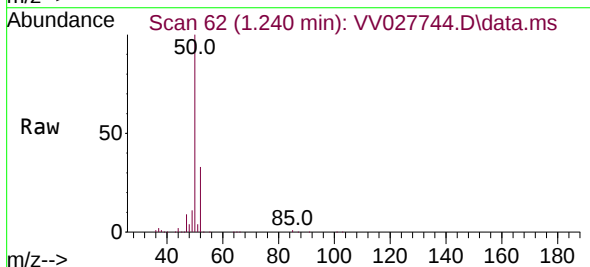
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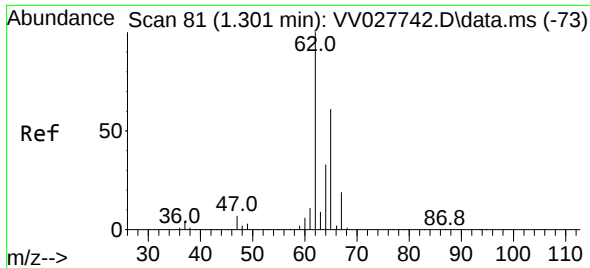
Tgt Ion: 85 Resp: 358176
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.4 38.0



#3
 Chloromethane
 Concen: 15.525 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV027744.D
 Acq: 06 Sep 2022 15:59

Tgt Ion: 50 Resp: 318444
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.1 41.1

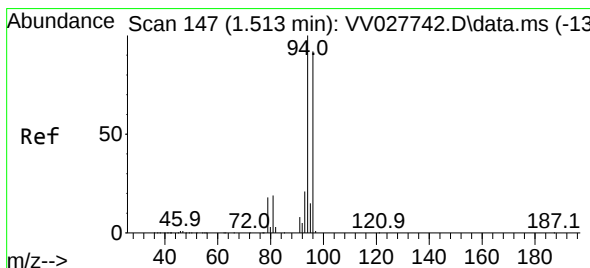
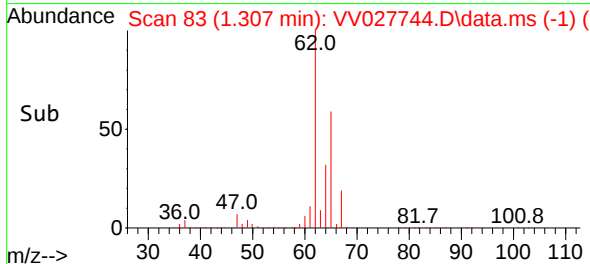
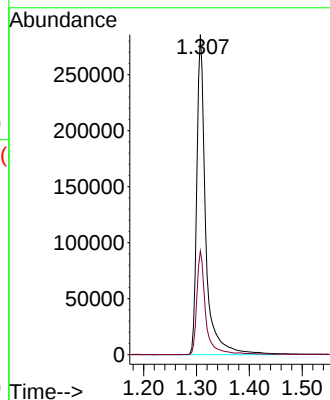
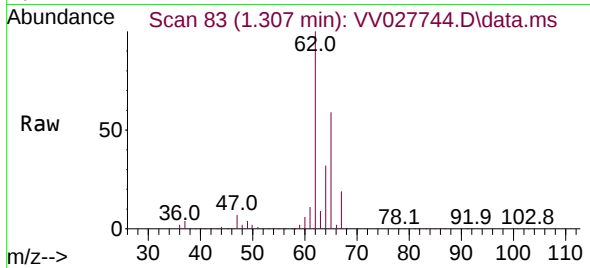




#5
 Vinyl chloride
 Concen: 16.975 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VV027744.D
 Acq: 06 Sep 2022 15:59

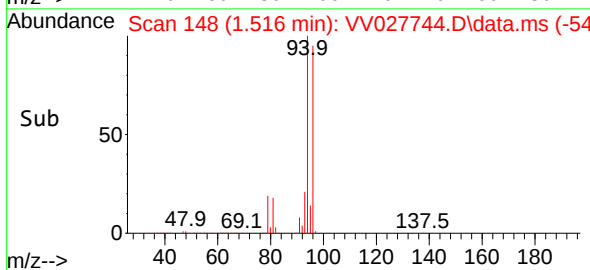
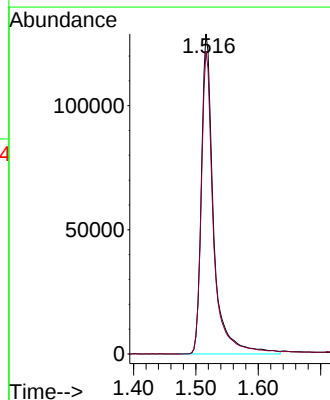
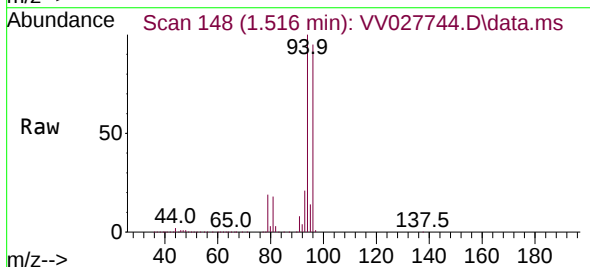
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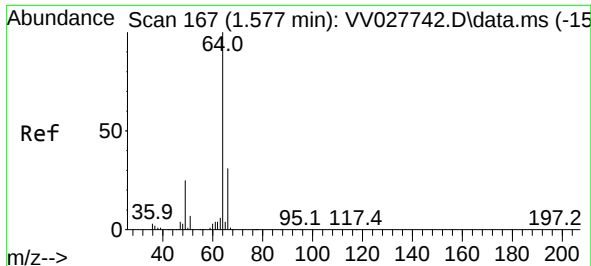
Tgt Ion: 62 Resp: 334469
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.2 43.2



#6
 Bromomethane
 Concen: 18.692 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV027744.D
 Acq: 06 Sep 2022 15:59

Tgt Ion: 94 Resp: 176460
 Ion Ratio Lower Upper
 94 100
 96 94.6 64.2 119.2

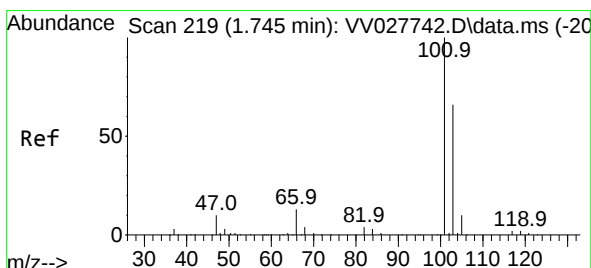
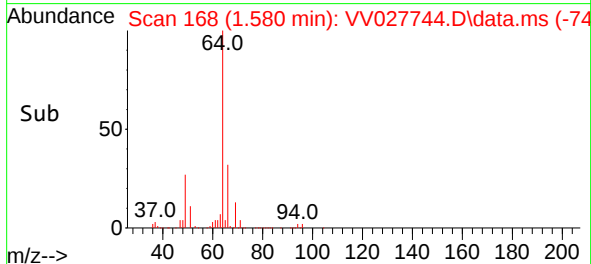
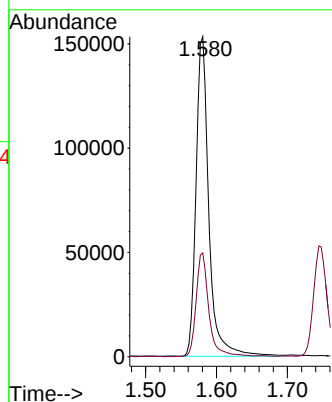
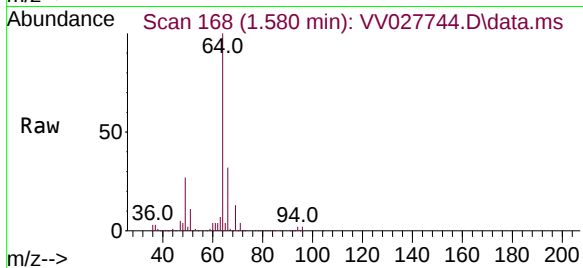




#8
Chloroethane
Concen: 17.225 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

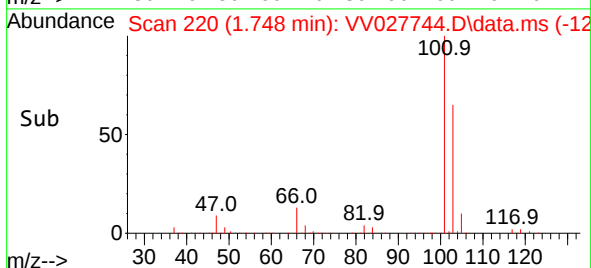
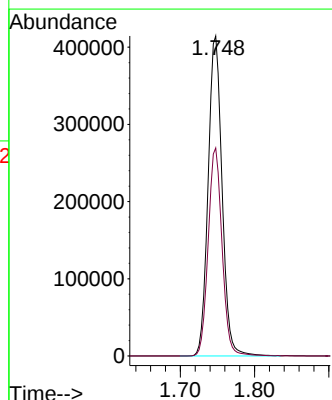
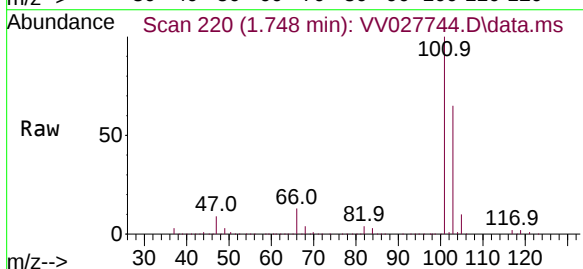
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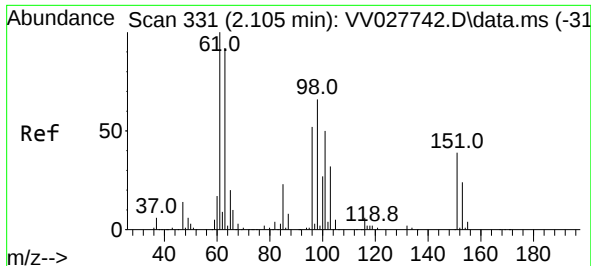
Tgt Ion: 64 Resp: 192201
Ion Ratio Lower Upper
64 100
66 32.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 19.682 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

Tgt Ion:101 Resp: 538938
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5

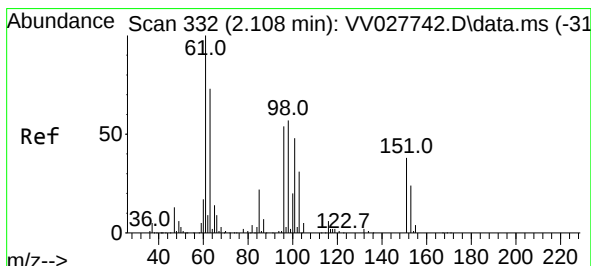
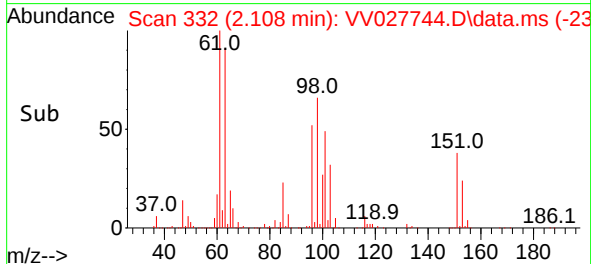
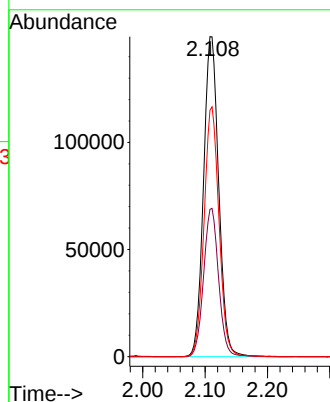
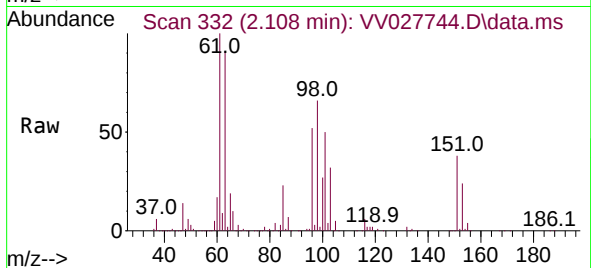




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 17.087 ug/L
RT: 2.108 min Scan# 331
Delta R.T. 0.003 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

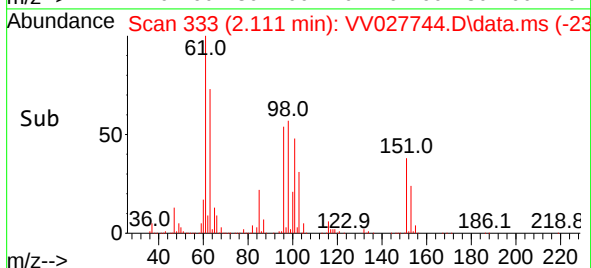
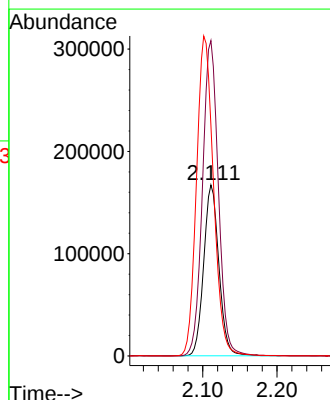
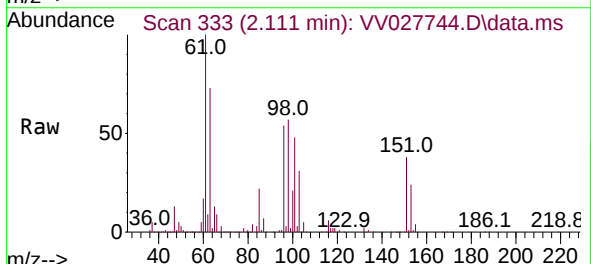
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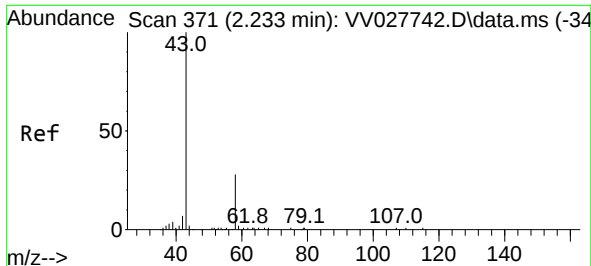
Tgt Ion:101 Resp: 252861
Ion Ratio Lower Upper
101 100
85 45.7 35.8 53.8
151 77.0 61.2 91.8



#12
1,1-Dichloroethene
Concen: 17.283 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

Tgt Ion: 96 Resp: 237216
Ion Ratio Lower Upper
96 100
61 184.3 129.9 241.3
63 134.9 94.6 175.8





#13

Acetone

Concen: 74.887 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.048 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

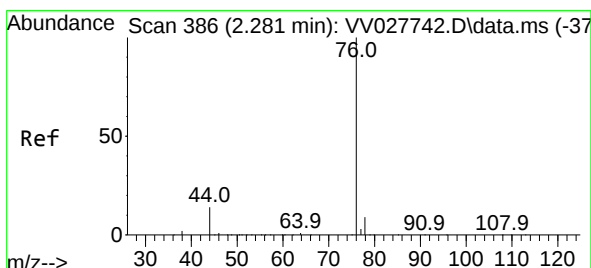
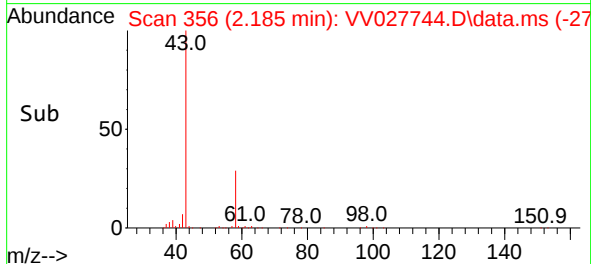
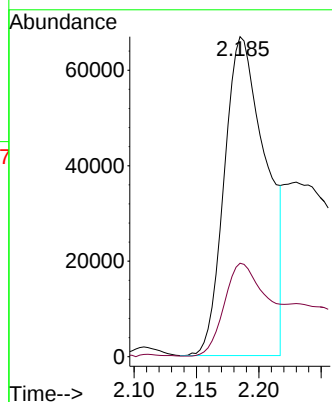
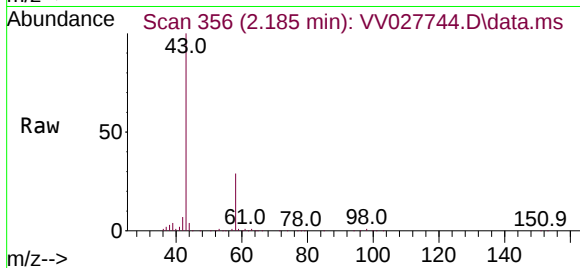
VSTD020231

Tgt Ion: 43 Resp: 155974

Ion Ratio Lower Upper

43 100

58 31.1 0.0 49.4



#14

Carbon disulfide

Concen: 17.000 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.003 min

Lab File: VV027744.D

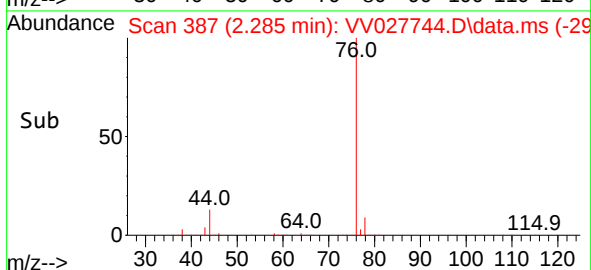
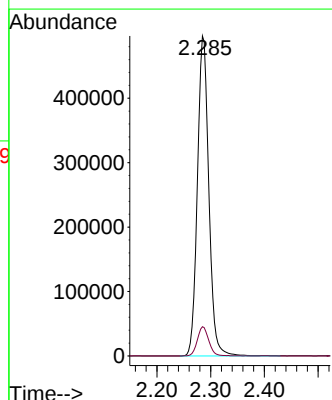
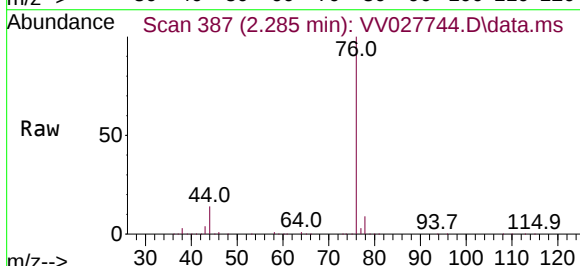
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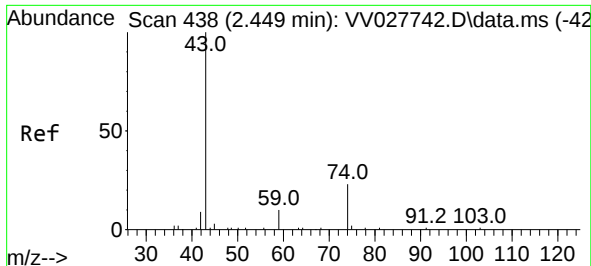
Tgt Ion: 76 Resp: 732137

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

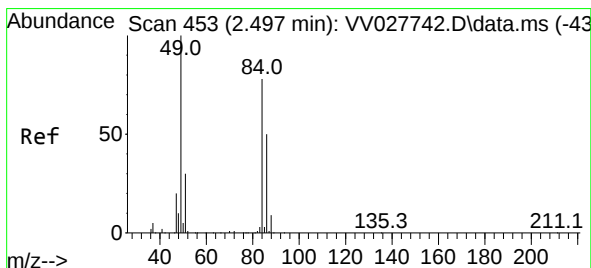
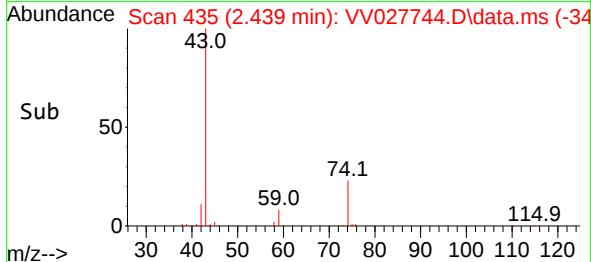
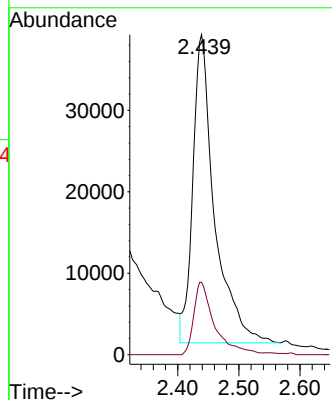
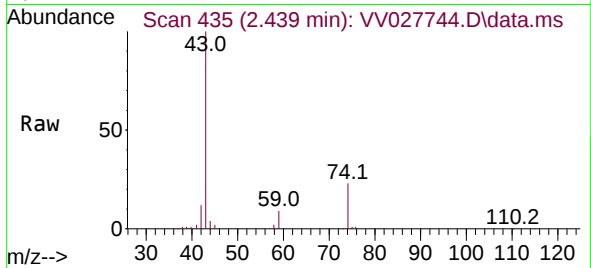




#15
Methyl Acetate
Concen: 16.478 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

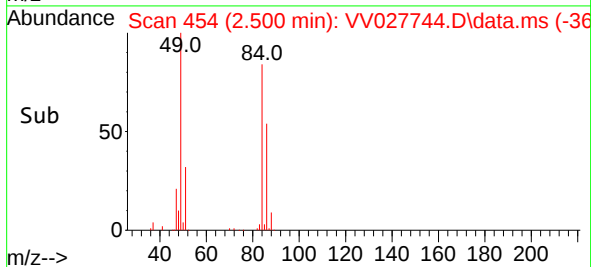
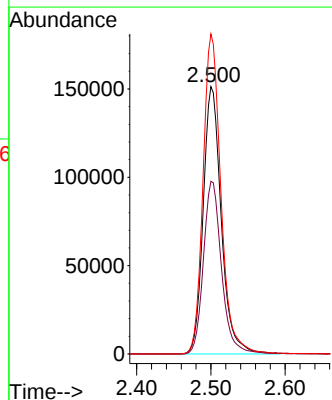
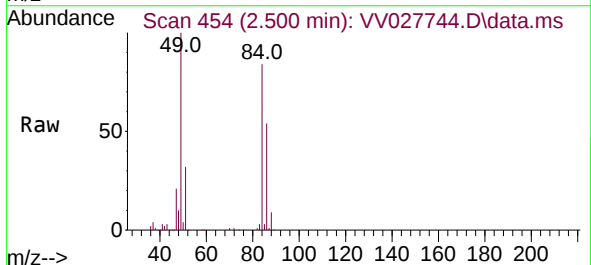
Instrument :
MSVOA_V
ClientSampleId :
VSTD020231

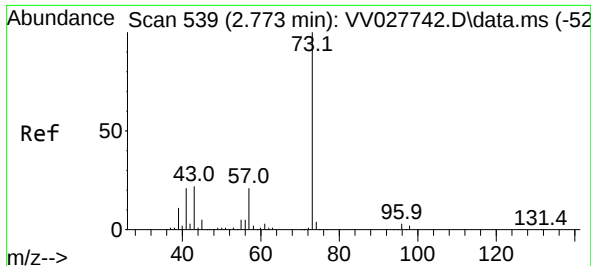
Tgt Ion: 43 Resp: 93205
Ion Ratio Lower Upper
43 100
74 22.5 16.6 25.0



#16
Methylene chloride
Concen: 15.171 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

Tgt Ion: 84 Resp: 255726
Ion Ratio Lower Upper
84 100
86 64.6 44.9 83.3
49 119.7 90.1 167.3





#17

Methyl tert-butyl Ether

Concen: 18.518 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD020231

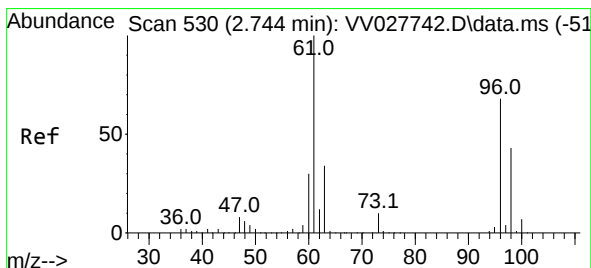
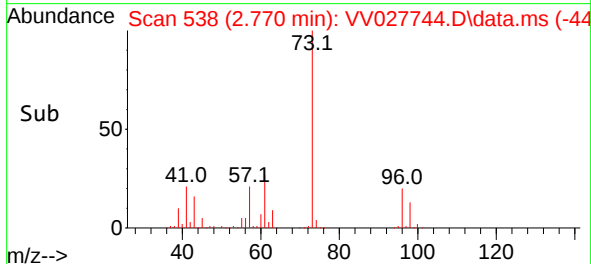
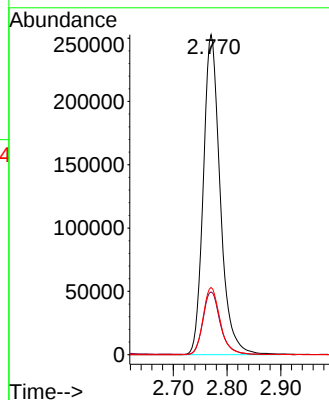
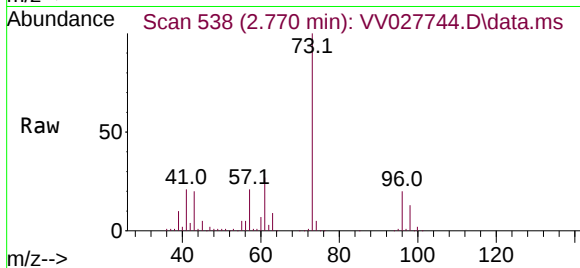
Tgt Ion: 73 Resp: 552183

Ion Ratio Lower Upper

73 100

43 19.8 17.5 26.3

57 21.3 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 16.726 ug/L

RT: 2.754 min Scan# 533

Delta R.T. 0.010 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

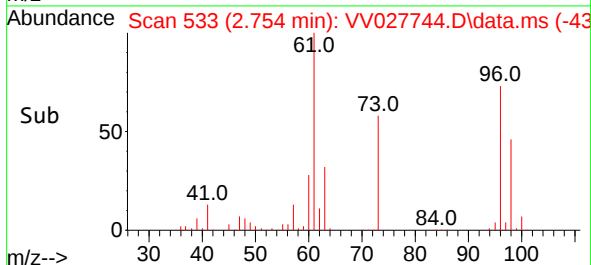
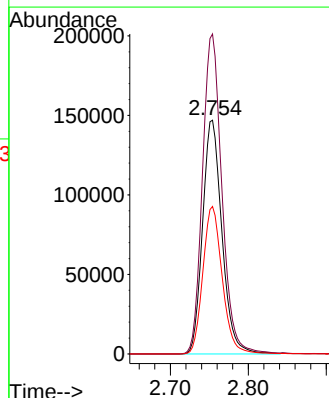
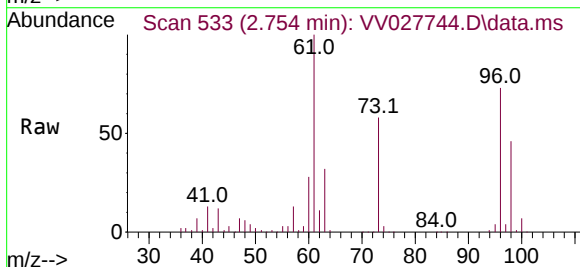
Tgt Ion: 96 Resp: 254171

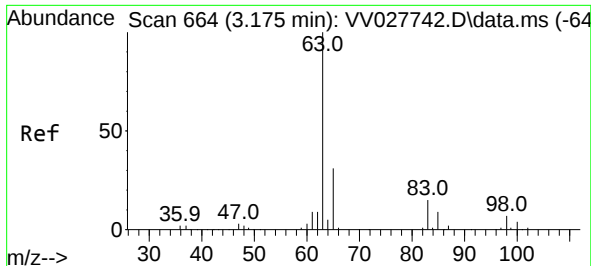
Ion Ratio Lower Upper

96 100

61 136.9 102.6 190.5

98 63.1 44.0 81.8





#19

1,1-Dichloroethane

Concen: 15.803 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD020231

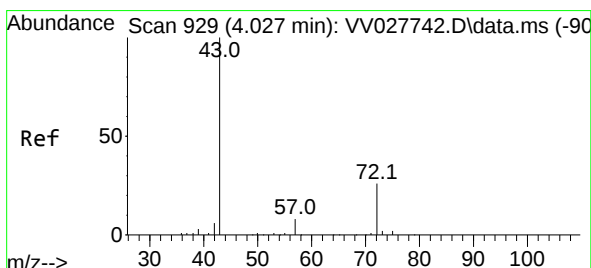
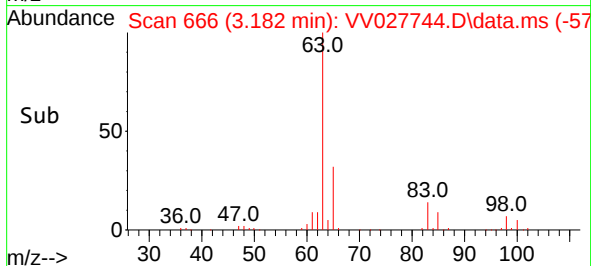
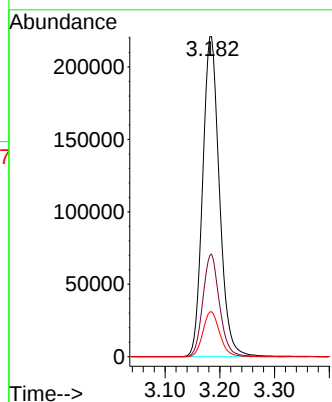
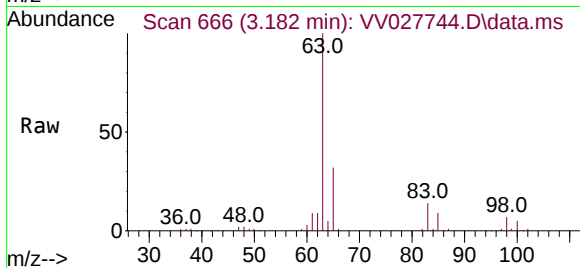
Tgt Ion: 63 Resp: 469952

Ion Ratio Lower Upper

63 100

65 31.6 22.0 41.0

83 14.0 10.1 18.9



#21

2-Butanone

Concen: 180.466 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.052 min

Lab File: VV027744.D

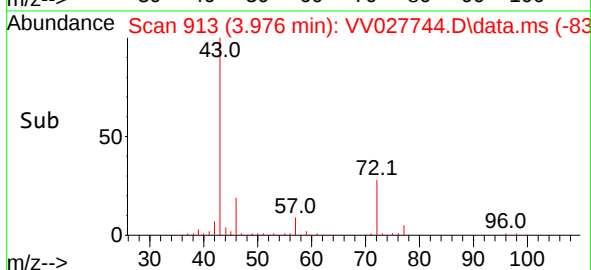
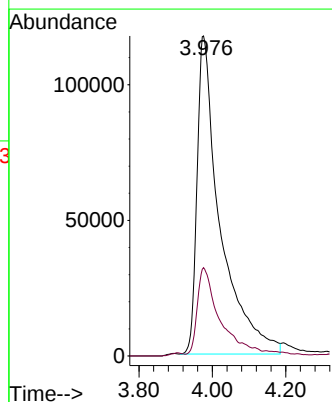
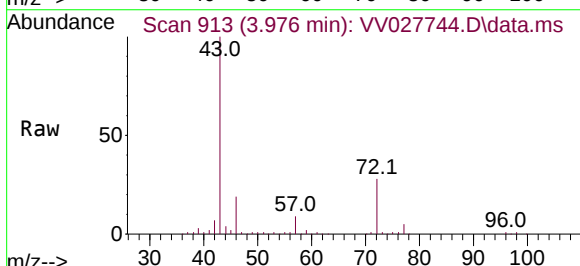
Acq: 06 Sep 2022 15:59

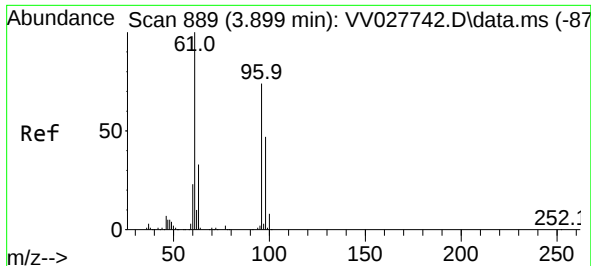
Tgt Ion: 43 Resp: 512272

Ion Ratio Lower Upper

43 100

72 23.8 13.0 39.0

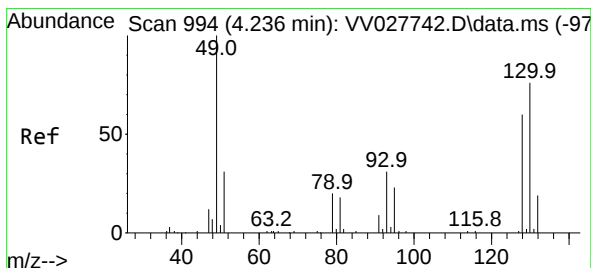
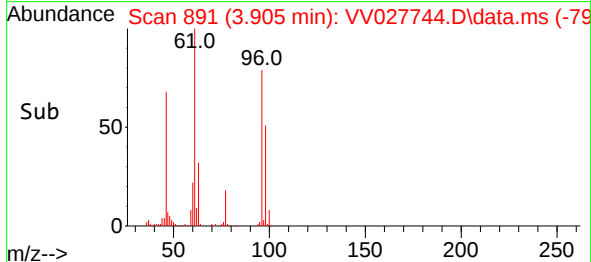
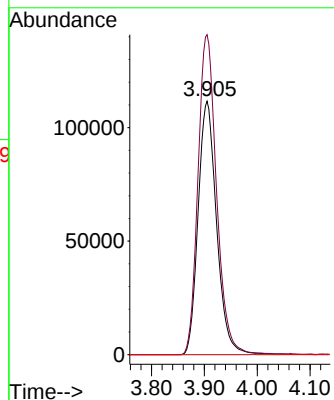
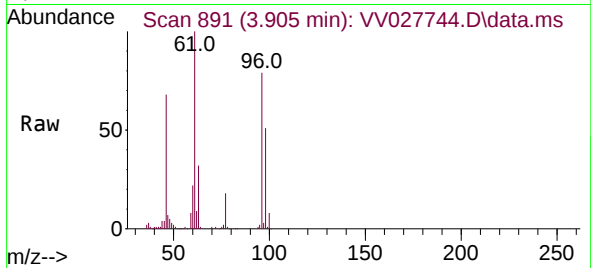




#22
 cis-1,2-Dichloroethene
 Concen: 17.445 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV027744.D
 Acq: 06 Sep 2022 15:59

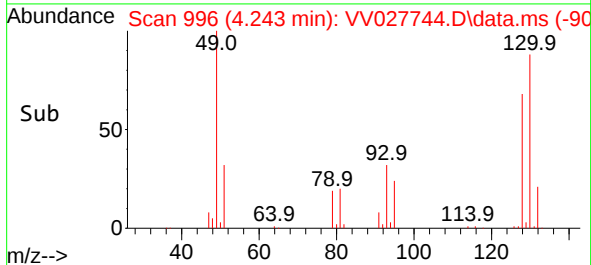
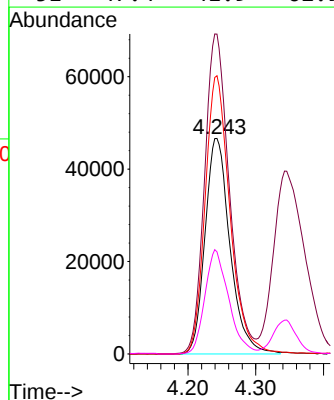
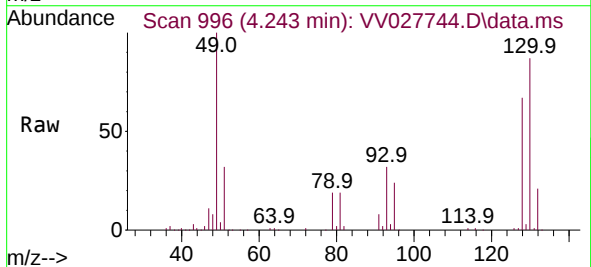
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020231

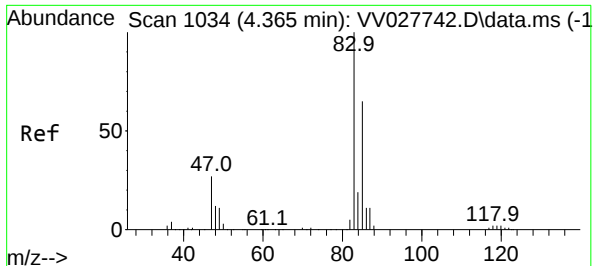
Tgt Ion: 96 Resp: 271503
 Ion Ratio Lower Upper
 96 100
 61 126.3 94.6 175.6
 68 0.0 0.3 0.5#



#23
 Bromochloromethane
 Concen: 17.677 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VV027744.D
 Acq: 06 Sep 2022 15:59

Tgt Ion:128 Resp: 119086
 Ion Ratio Lower Upper
 128 100
 49 148.5 118.4 219.8
 130 129.2 89.2 165.6
 51 47.4 41.9 62.9





#25

Chloroform

Concen: 16.182 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

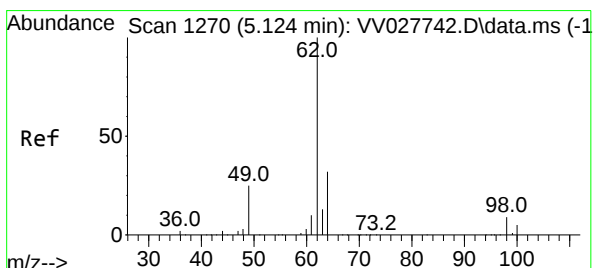
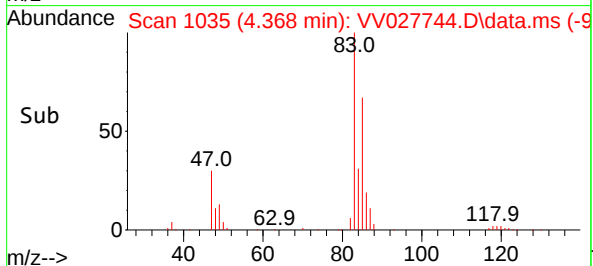
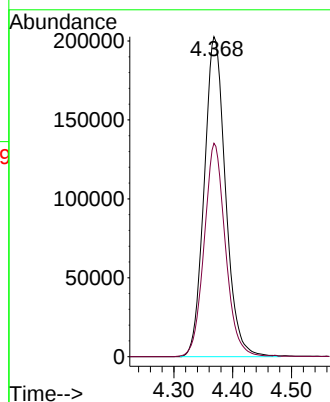
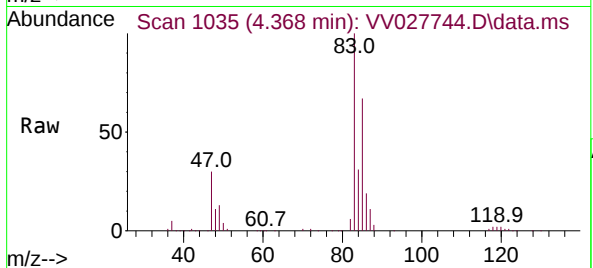
VSTD020231

Tgt Ion: 83 Resp: 510777

Ion Ratio Lower Upper

83 100

85 66.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 17.125 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV027744.D

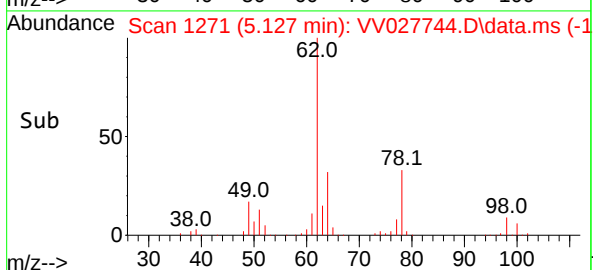
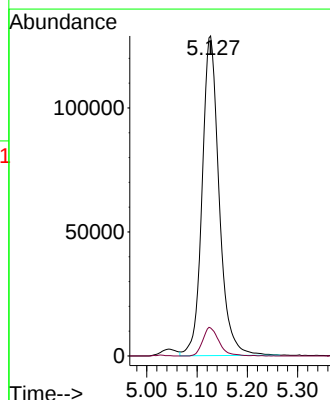
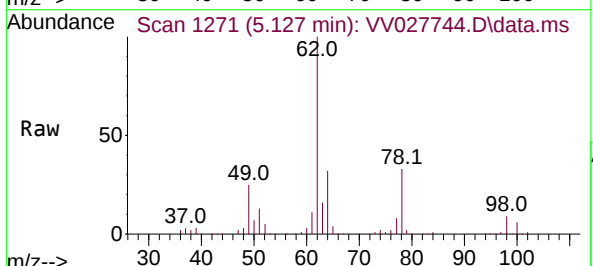
Acq: 06 Sep 2022 15:59

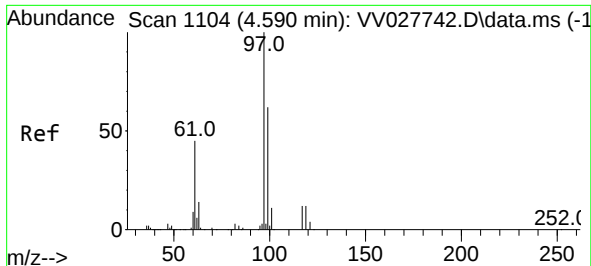
Tgt Ion: 62 Resp: 302745

Ion Ratio Lower Upper

62 100

98 8.8 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 16.741 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.013 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD020231

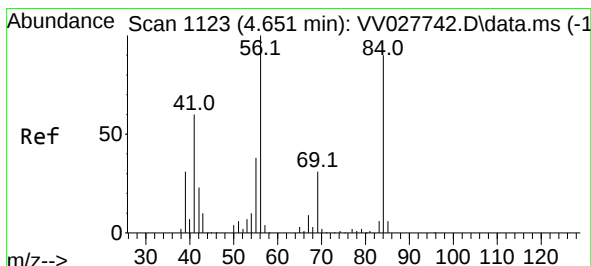
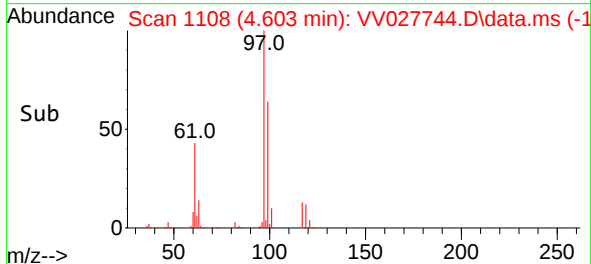
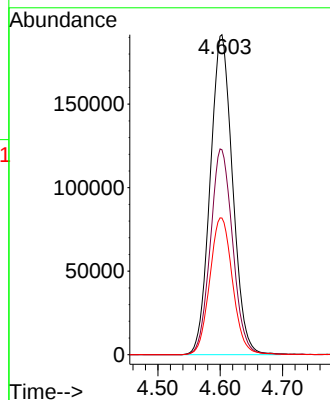
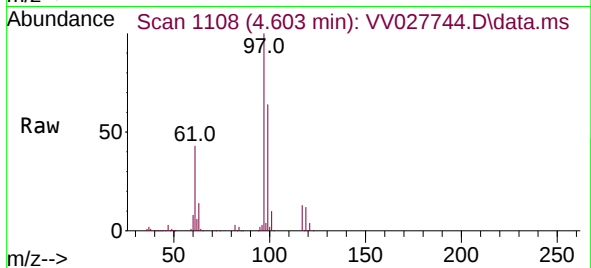
Tgt Ion: 97 Resp: 478007

Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 43.6 36.2 54.4



#30

Cyclohexane

Concen: 17.239 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.019 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

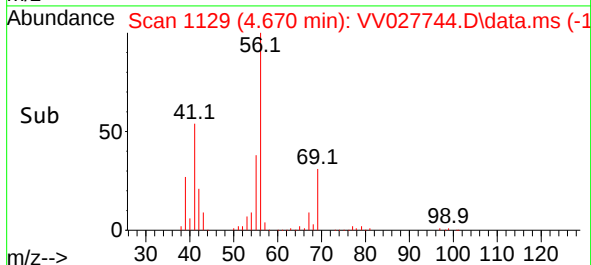
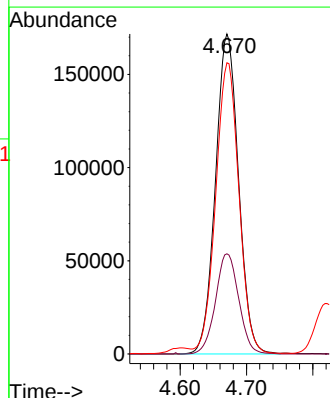
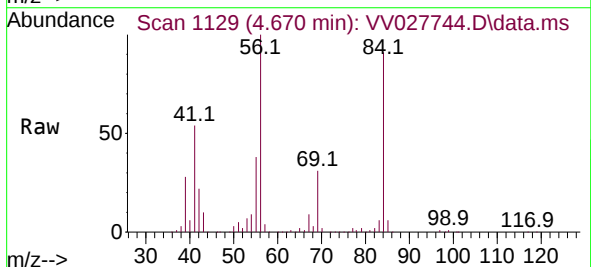
Tgt Ion: 56 Resp: 414881

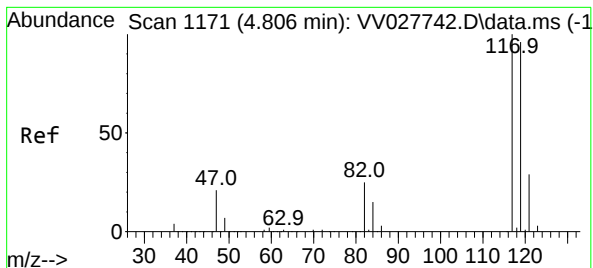
Ion Ratio Lower Upper

56 100

69 31.5 25.4 38.2

84 92.2 73.8 110.8





#31

Carbon tetrachloride

Concen: 17.593 ug/L

RT: 4.821 min Scan# 1171

Delta R.T. 0.016 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

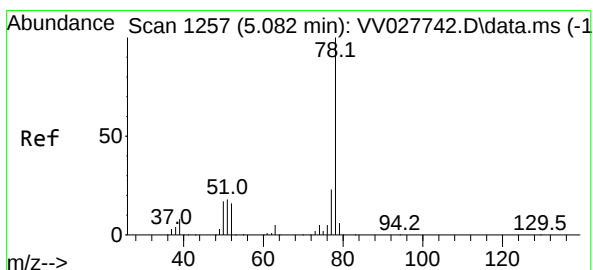
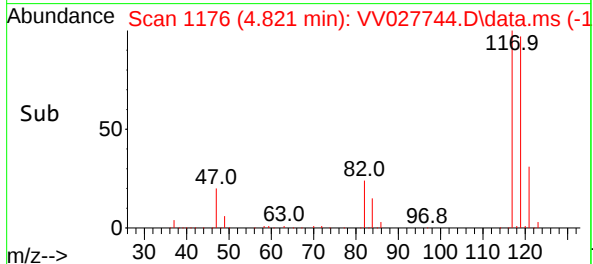
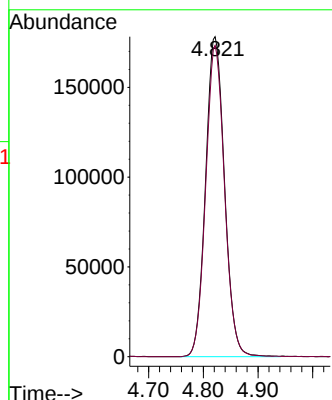
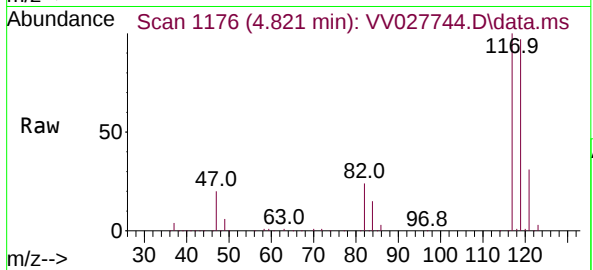
VSTD020231

Tgt Ion:117 Resp: 429434

Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8



#33

Benzene

Concen: 16.611 ug/L

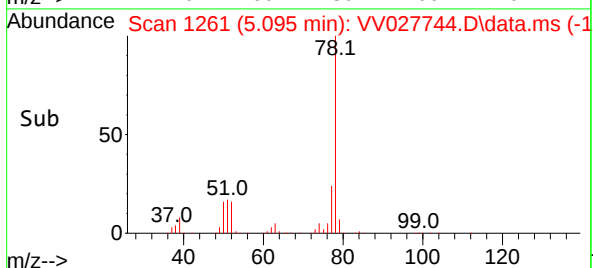
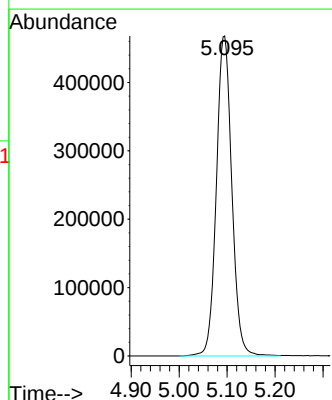
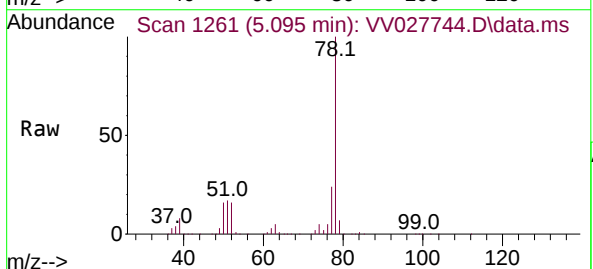
RT: 5.095 min Scan# 1261

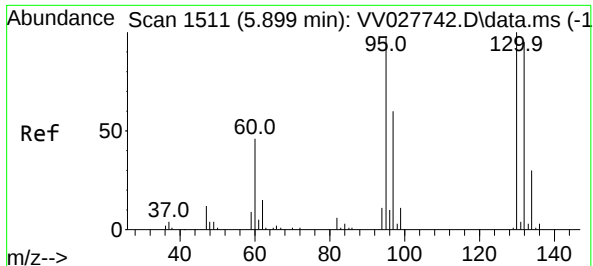
Delta R.T. 0.013 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Tgt Ion: 78 Resp: 1047557





#34

Trichloroethene

Concen: 16.355 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.010 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD020231

Tgt Ion: 95 Resp: 259255

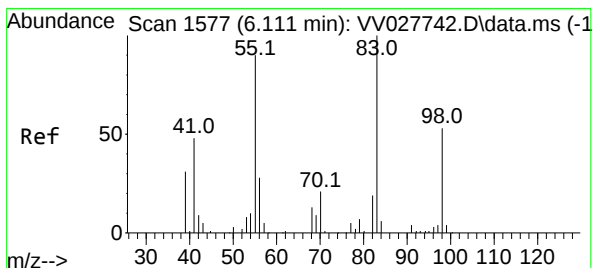
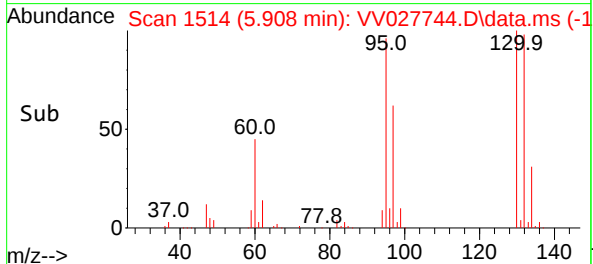
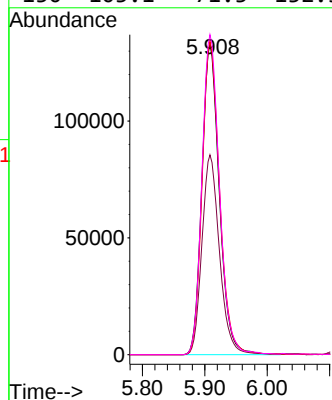
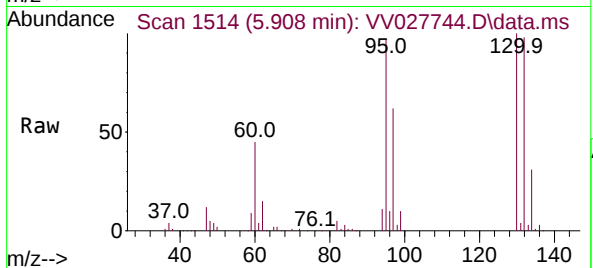
Ion Ratio Lower Upper

95 100

97 64.4 42.9 79.7

132 101.0 67.9 126.1

130 103.1 71.3 132.3



#35

Methylcyclohexane

Concen: 18.112 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.016 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

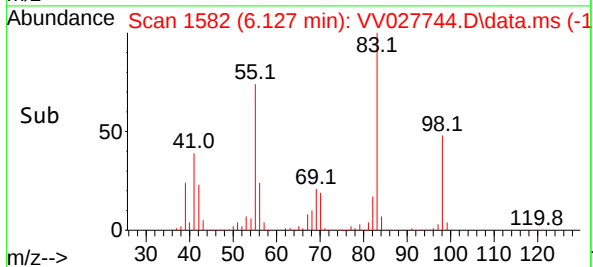
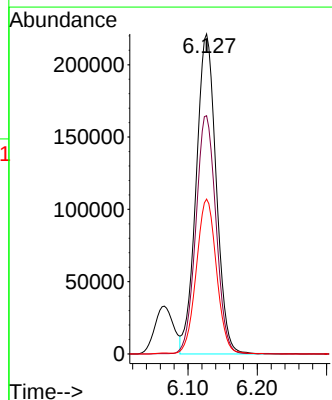
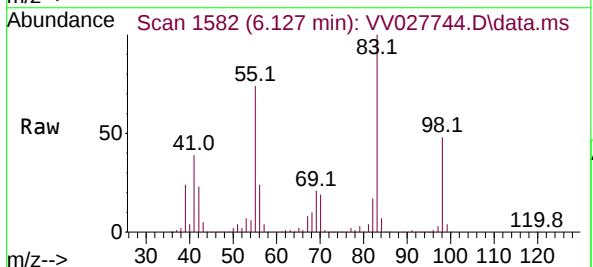
Tgt Ion: 83 Resp: 445504

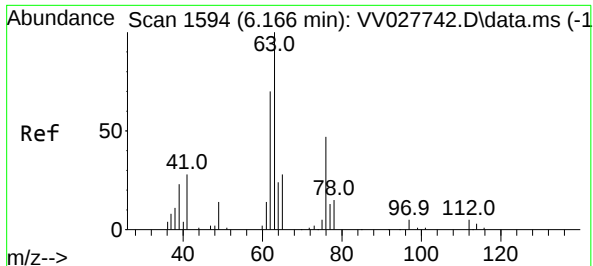
Ion Ratio Lower Upper

83 100

55 74.7 61.9 92.9

98 48.7 37.5 56.3





#37

1,2-Dichloropropane

Concen: 15.151 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

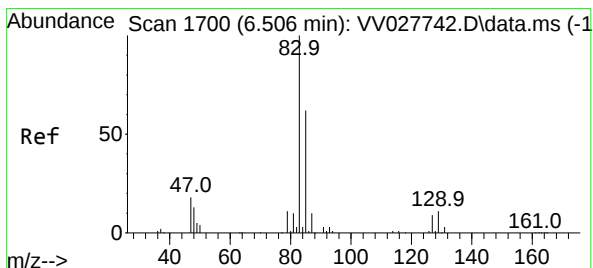
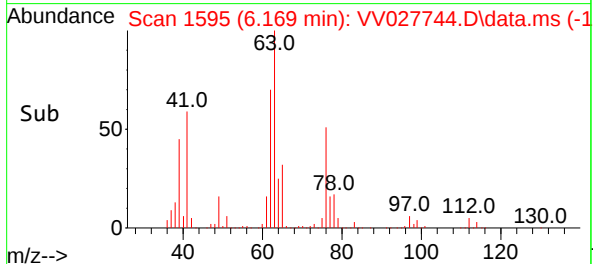
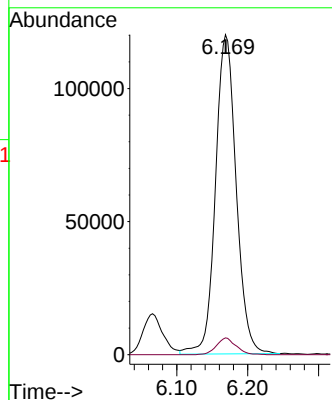
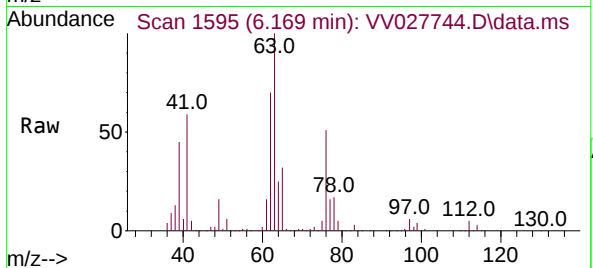
VSTD020231

Tgt Ion: 63 Resp: 243520

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 16.528 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

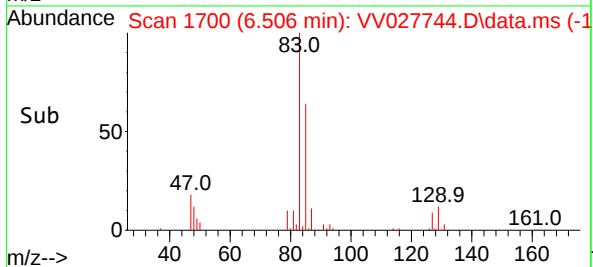
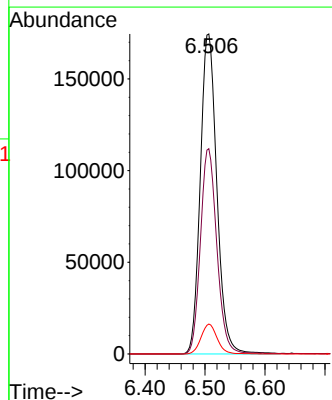
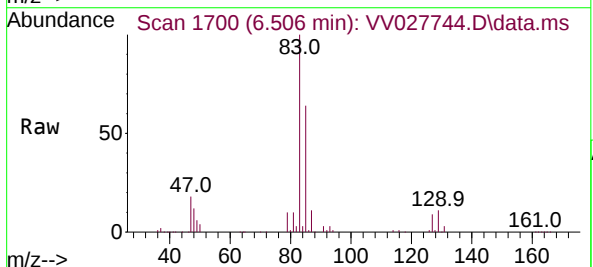
Tgt Ion: 83 Resp: 336256

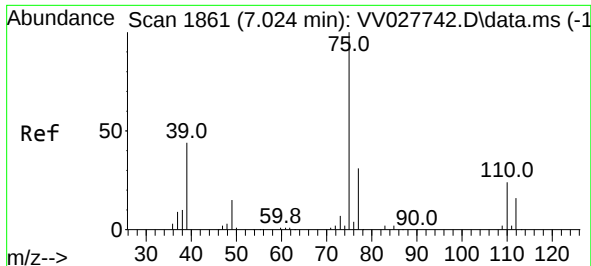
Ion Ratio Lower Upper

83 100

85 64.2 43.3 80.3

127 9.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 18.930 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

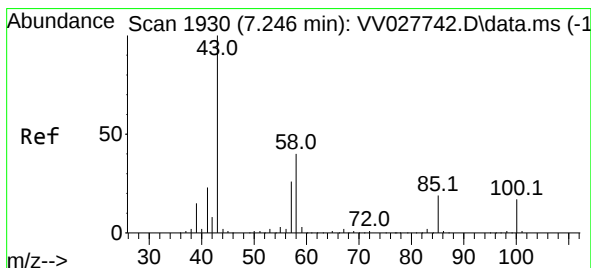
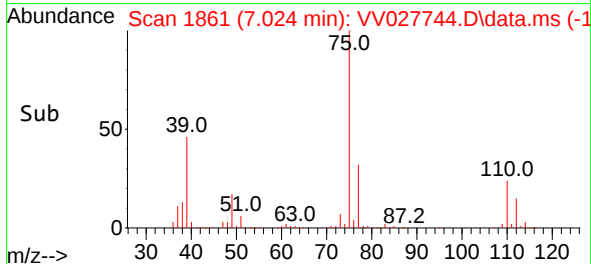
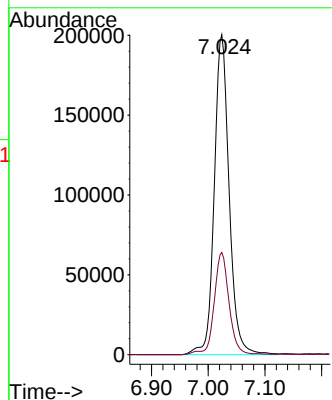
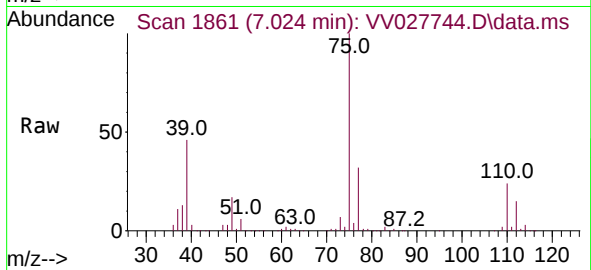
VSTD020231

Tgt Ion: 75 Resp: 365729

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 180.786 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.019 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

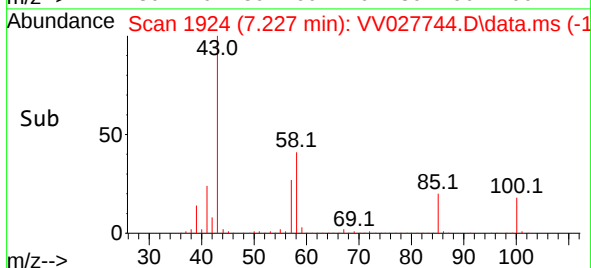
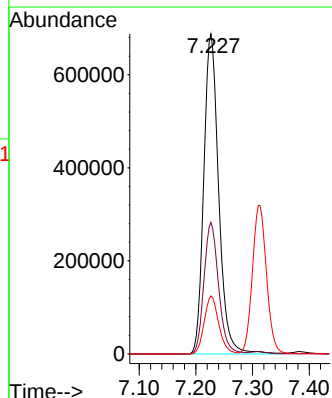
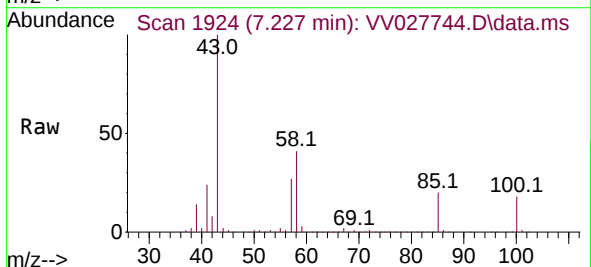
Tgt Ion: 43 Resp: 1257745

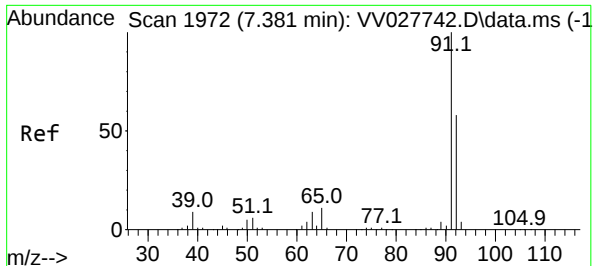
Ion Ratio Lower Upper

43 100

58 40.4 30.9 46.3

100 17.6 13.4 20.0

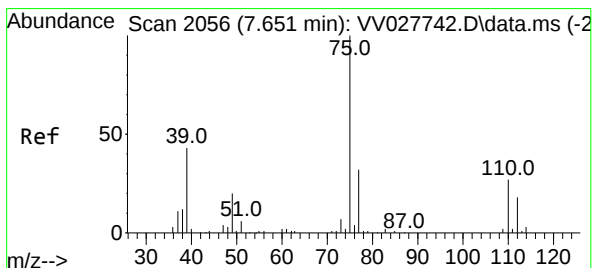
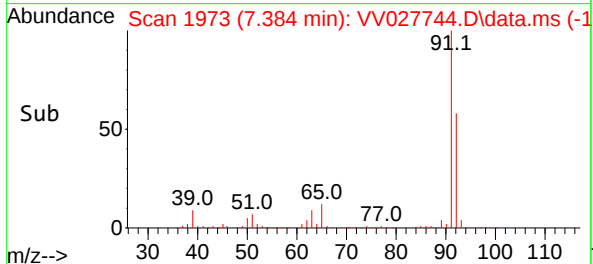
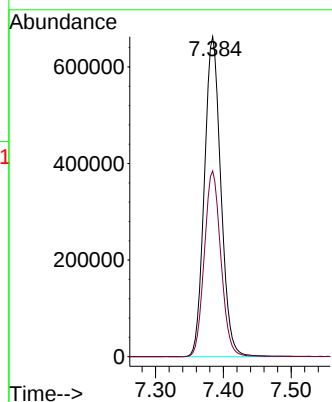
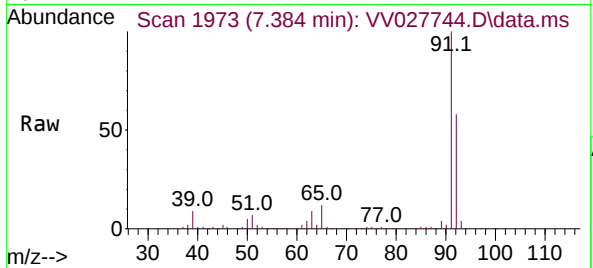




#42
Toluene
Concen: 17.921 ug/L
RT: 7.384 min Scan# 1972
Delta R.T. 0.003 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

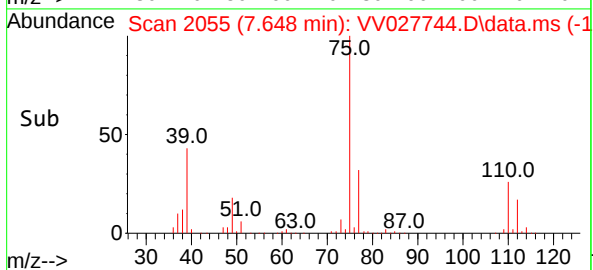
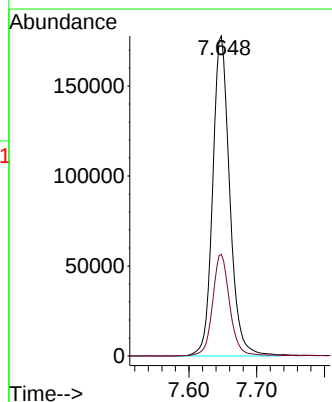
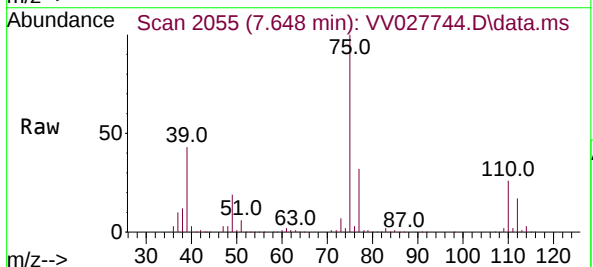
Instrument :
MSVOA_V
ClientSampleId :
VSTD020231

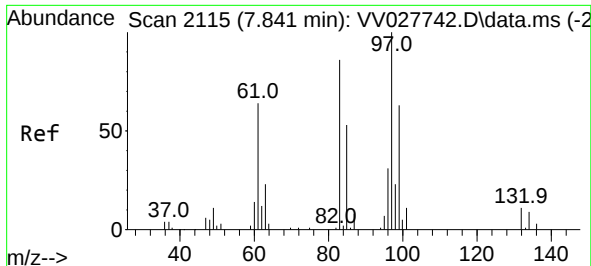
Tgt Ion: 91 Resp: 1121062
Ion Ratio Lower Upper
91 100
92 58.1 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 19.693 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

Tgt Ion: 75 Resp: 310328
Ion Ratio Lower Upper
75 100
77 31.8 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 16.328 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD020231

Tgt Ion: 97 Resp: 166614

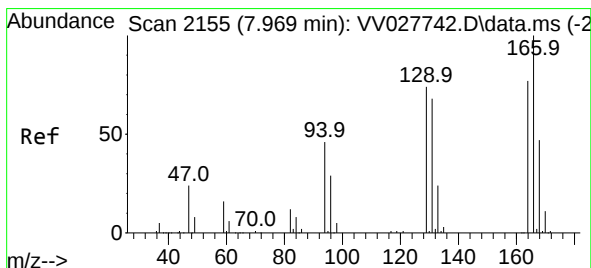
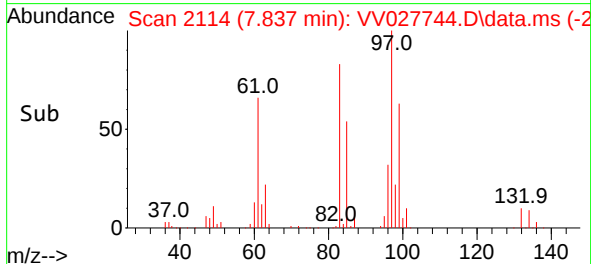
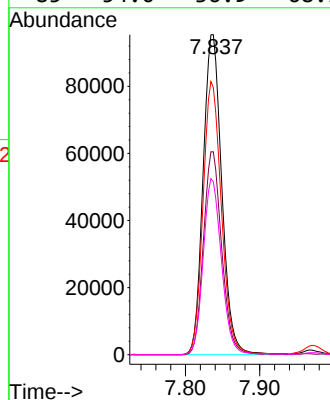
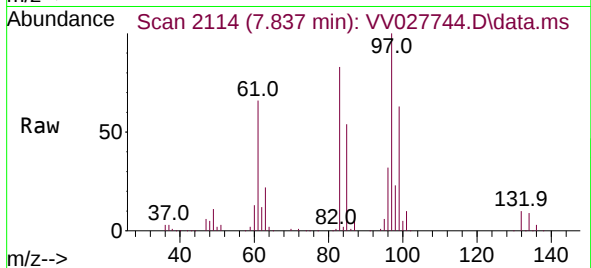
Ion Ratio Lower Upper

97 100

99 63.4 44.2 82.0

83 83.5 60.3 112.1

85 54.0 36.9 68.5



#47

Tetrachloroethene

Concen: 17.324 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Tgt Ion:164 Resp: 219057

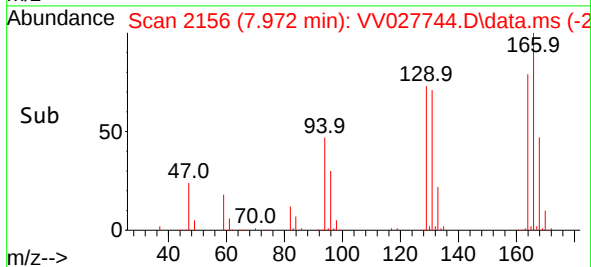
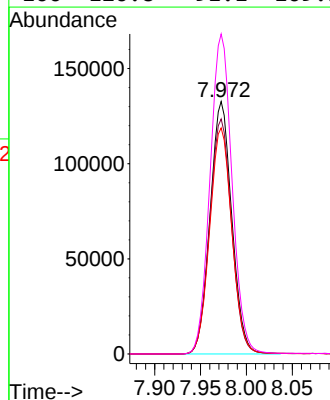
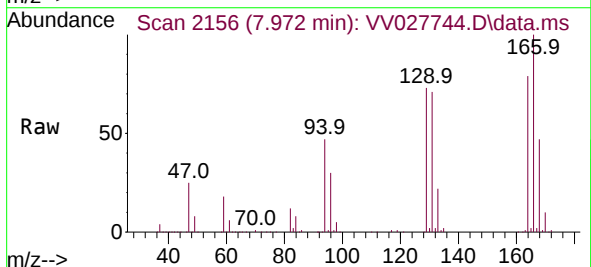
Ion Ratio Lower Upper

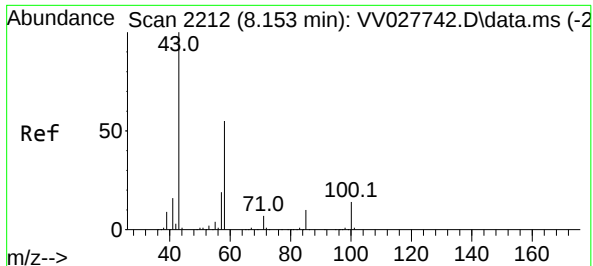
164 100

129 93.1 67.2 124.8

131 89.6 61.5 114.3

166 126.8 91.1 169.3



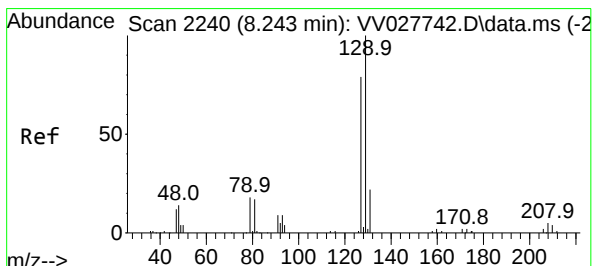
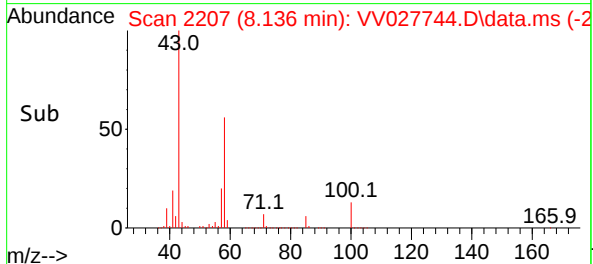
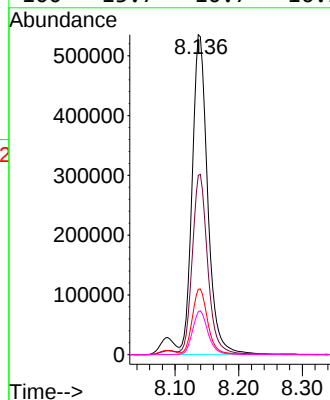
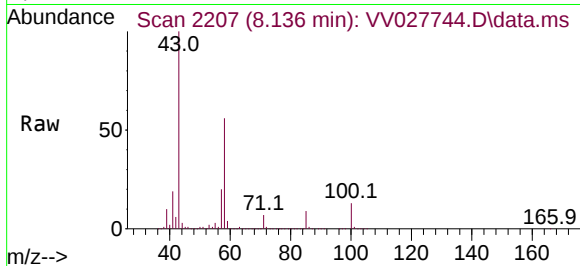


#48
2-Hexanone
Concen: 172.743 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.016 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD020231

Tgt Ion: 43 Resp: 901876

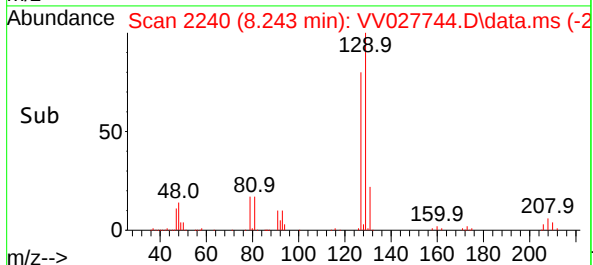
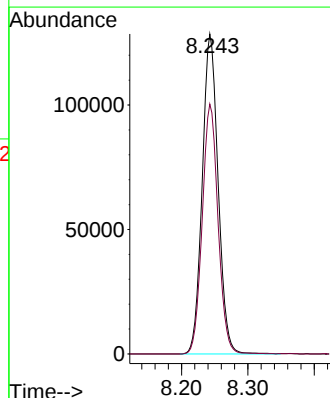
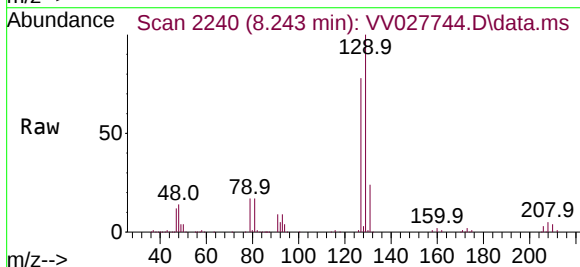
Ion	Ratio	Lower	Upper
43	100		
58	56.5	43.2	64.8
57	20.6	15.6	23.4
100	13.7	10.7	16.1

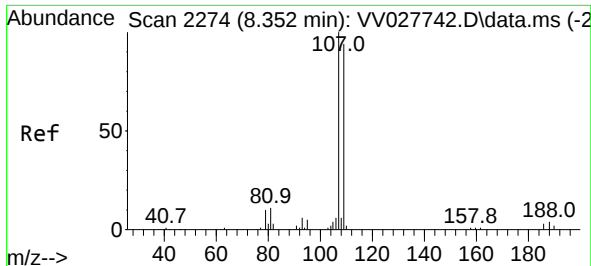


#49
Dibromochloromethane
Concen: 17.527 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

Tgt Ion: 129 Resp: 213510

Ion	Ratio	Lower	Upper
129	100		
127	78.1	55.2	102.6





#50

1,2-Dibromoethane

Concen: 16.545 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD020231

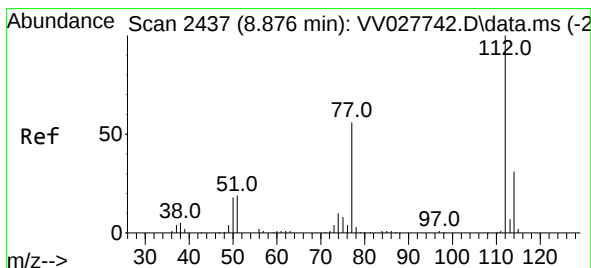
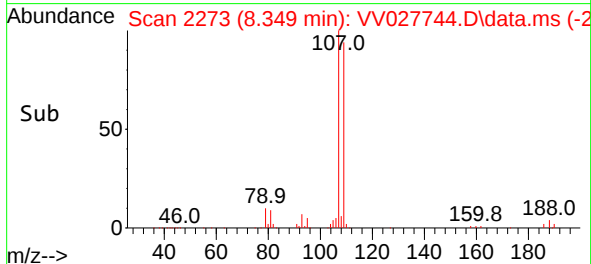
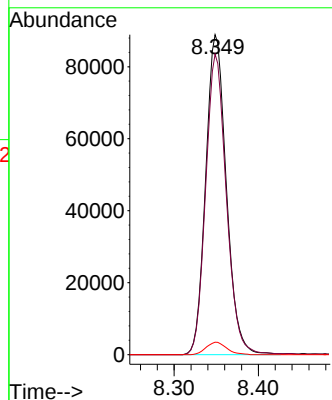
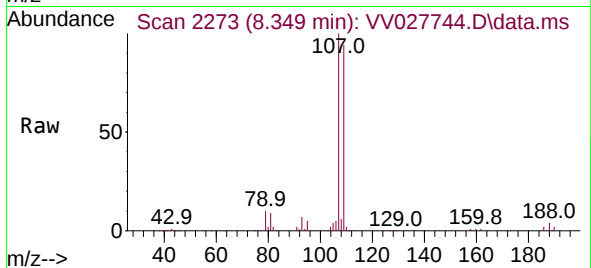
Tgt Ion:107 Resp: 151823

Ion Ratio Lower Upper

107 100

109 93.9 65.9 122.5

188 3.9 3.1 4.7



#51

Chlorobenzene

Concen: 17.668 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

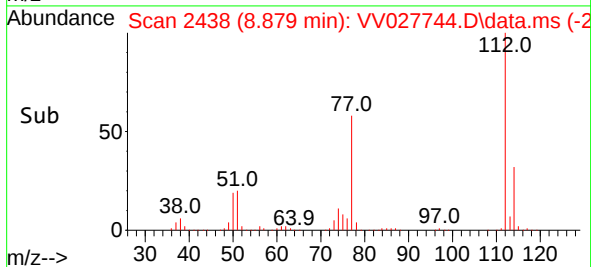
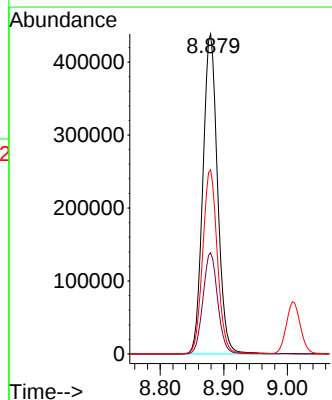
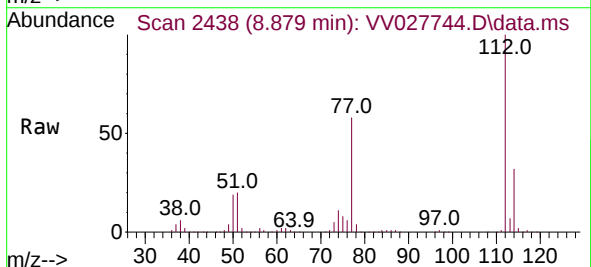
Tgt Ion:112 Resp: 703050

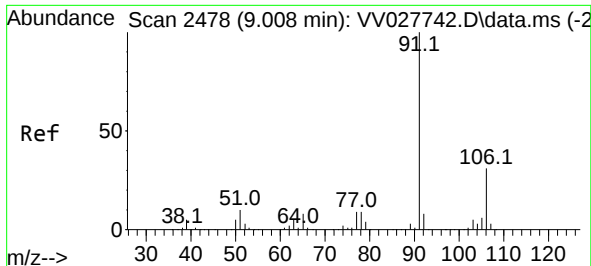
Ion Ratio Lower Upper

112 100

114 31.6 21.7 40.3

77 57.6 45.3 67.9





#52

Ethylbenzene

Concen: 19.267 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. -0.000 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

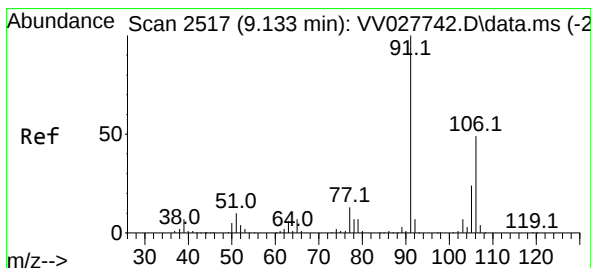
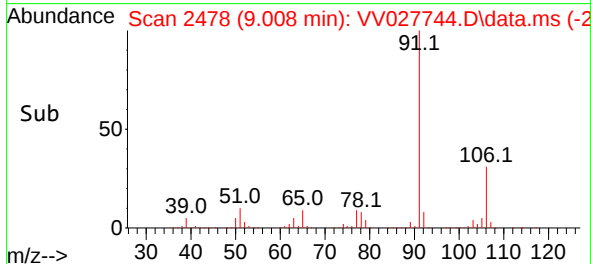
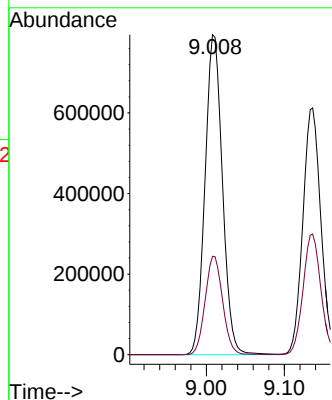
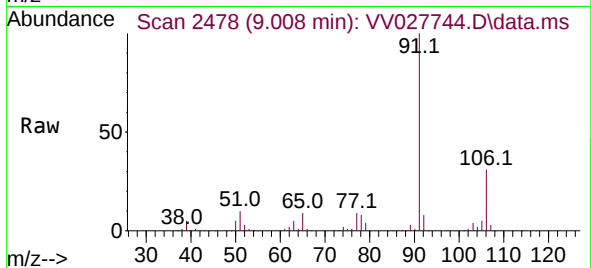
VSTD020231

Tgt Ion: 91 Resp: 1231711

Ion Ratio Lower Upper

91 100

106 30.8 22.0 40.8



#53

m,p-Xylene

Concen: 19.354 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV027744.D

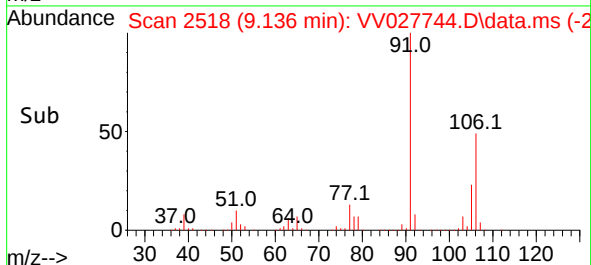
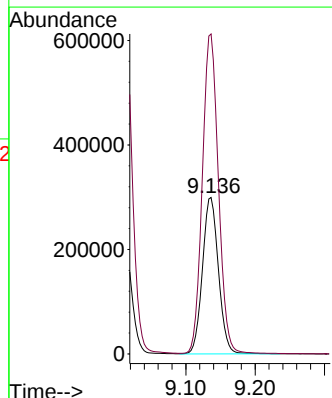
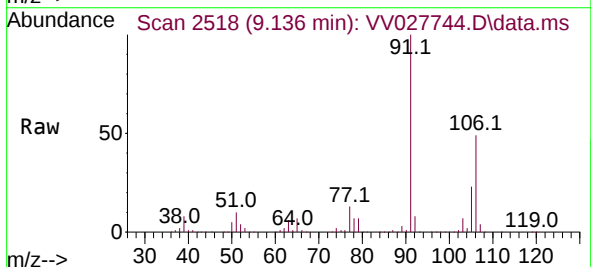
Acq: 06 Sep 2022 15:59

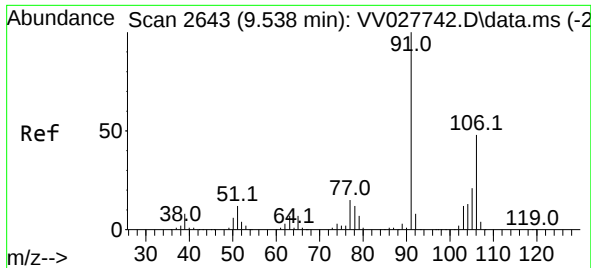
Tgt Ion: 106 Resp: 477912

Ion Ratio Lower Upper

106 100

91 204.5 142.4 264.4

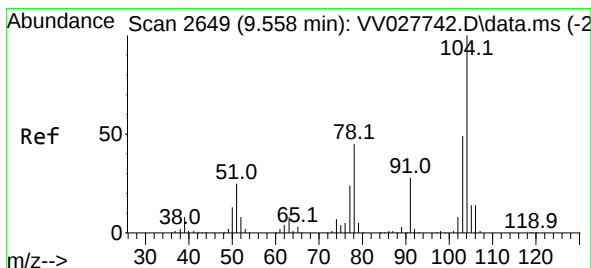
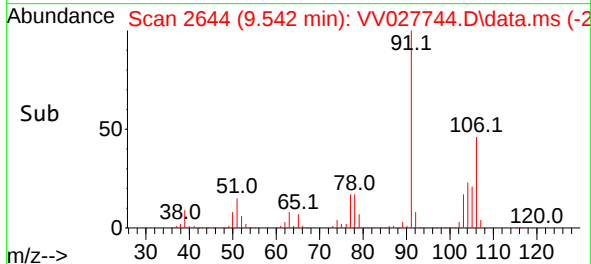
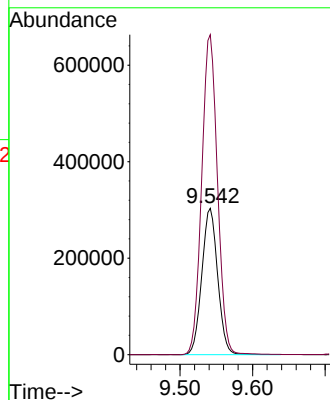
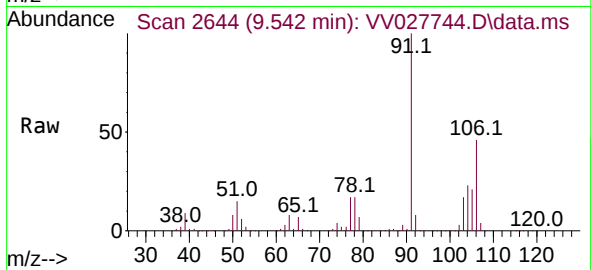




#54
o-Xylene
Concen: 19.506 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

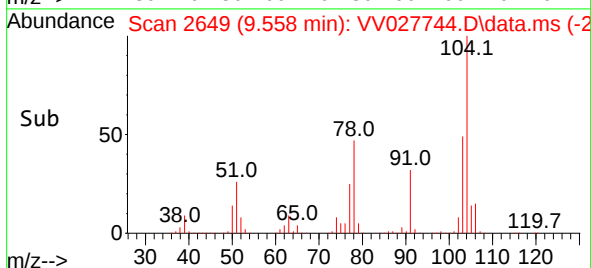
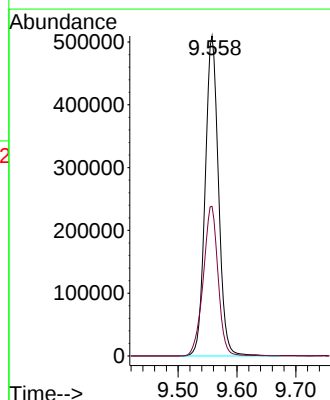
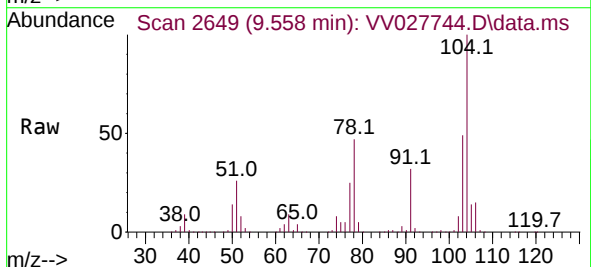
Instrument :
MSVOA_V
ClientSampleId :
VSTD020231

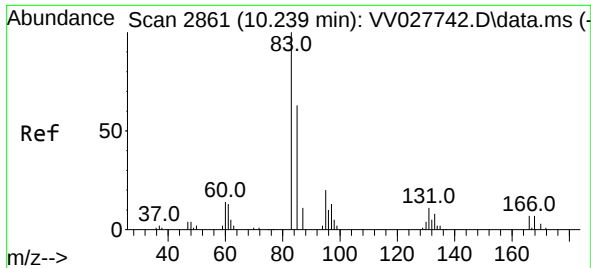
Tgt Ion:106 Resp: 459669
Ion Ratio Lower Upper
106 100
91 218.5 147.5 273.9



#55
Styrene
Concen: 19.983 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

Tgt Ion:104 Resp: 801668
Ion Ratio Lower Upper
104 100
78 46.7 31.7 58.9

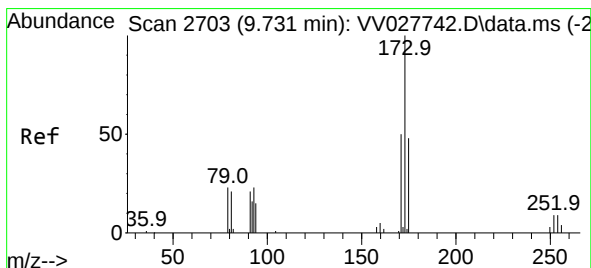
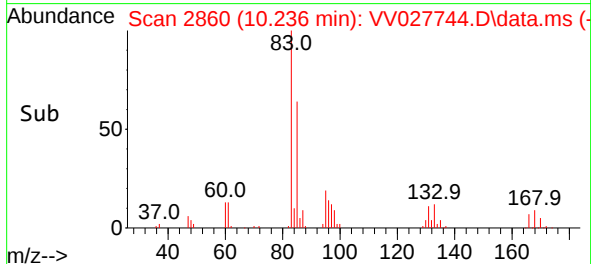
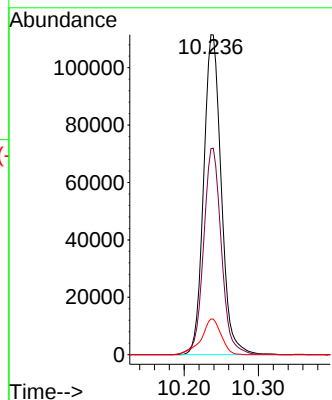
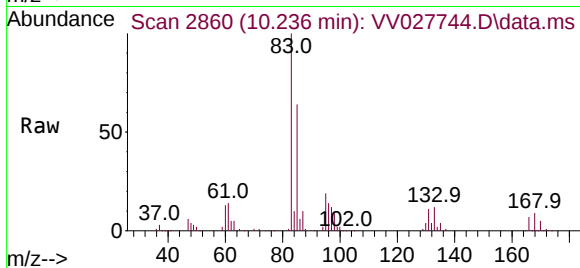




#57
 1,1,2,2-Tetrachloroethane
 Concen: 16.302 ug/L
 RT: 10.236 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV027744.D
 Acq: 06 Sep 2022 15:59

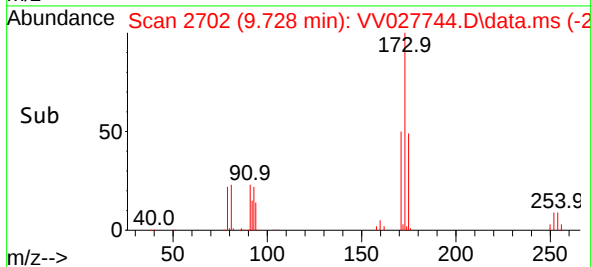
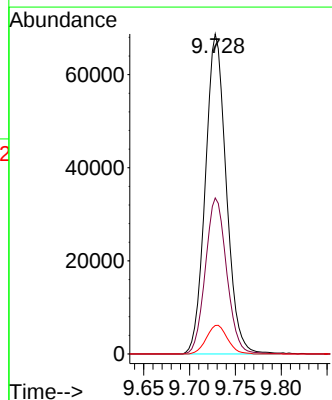
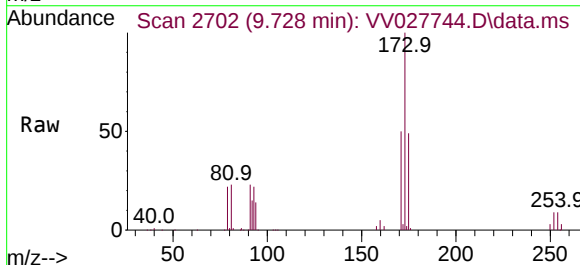
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020231

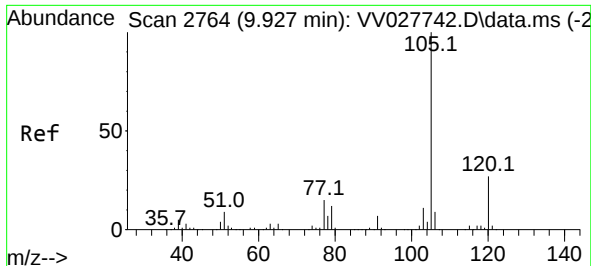
Tgt Ion: 83 Resp: 182905
 Ion Ratio Lower Upper
 83 100
 85 64.4 44.7 83.1
 131 11.1 8.5 12.7



#59
 Bromoform
 Concen: 15.793 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.003 min
 Lab File: VV027744.D
 Acq: 06 Sep 2022 15:59

Tgt Ion: 173 Resp: 109138
 Ion Ratio Lower Upper
 173 100
 175 49.5 38.4 57.6
 254 9.0 6.8 10.2

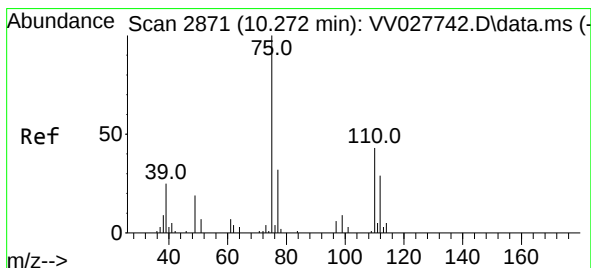
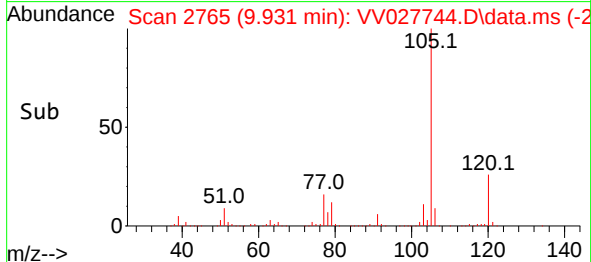
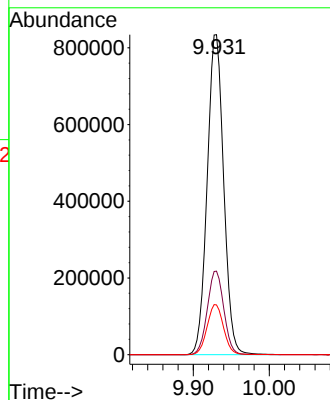
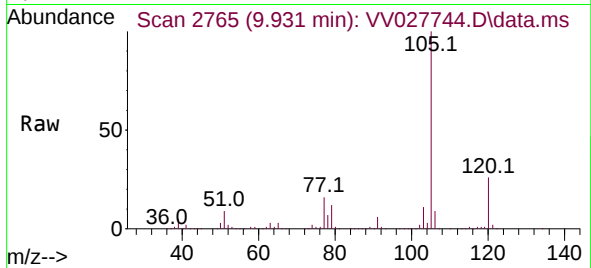




#60
Isopropylbenzene
Concen: 17.061 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

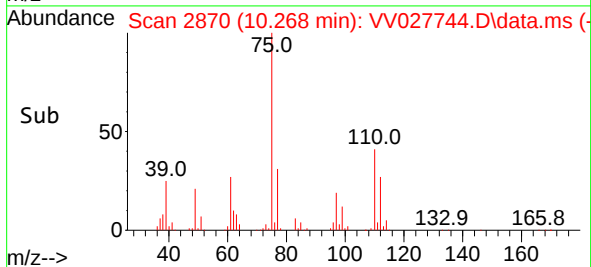
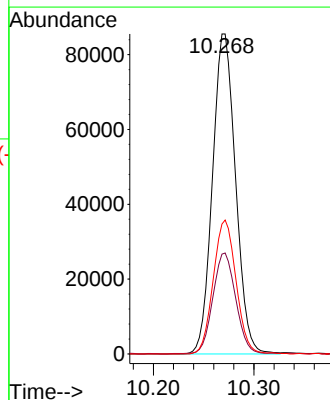
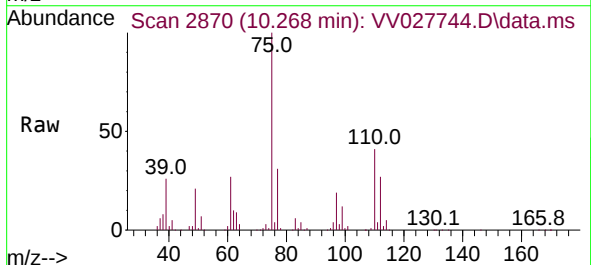
Instrument :
MSVOA_V
ClientSampleId :
VSTD020231

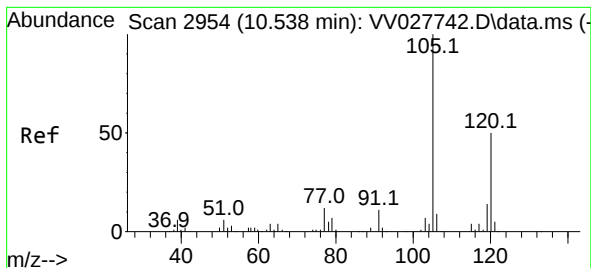
Tgt Ion:105 Resp: 1256054
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 15.8 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 14.233 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

Tgt Ion: 75 Resp: 136568
Ion Ratio Lower Upper
75 100
77 31.4 27.6 41.4
110 41.3 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 17.445 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

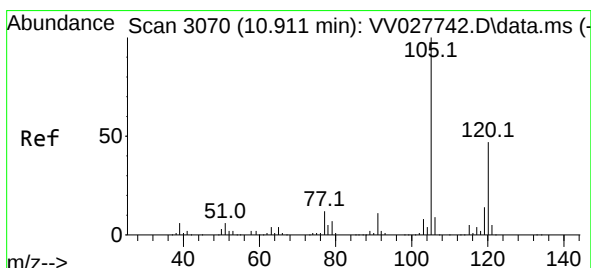
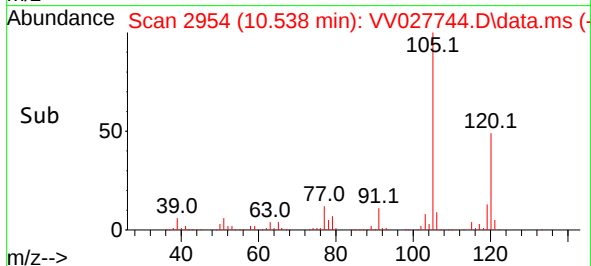
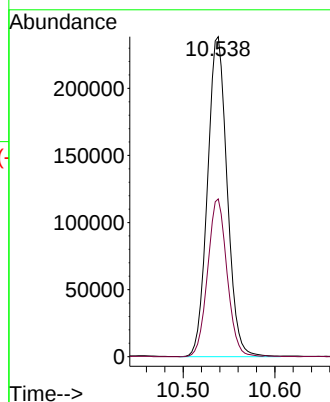
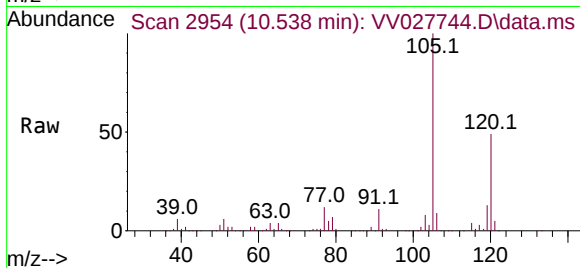
VSTD020231

Tgt Ion:105 Resp: 355187

Ion Ratio Lower Upper

105 100

120 48.7 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 18.888 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV027744.D

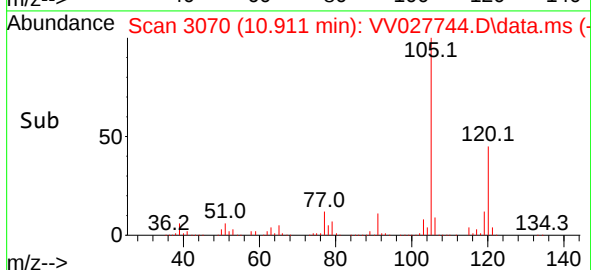
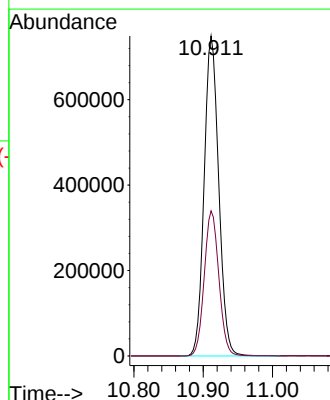
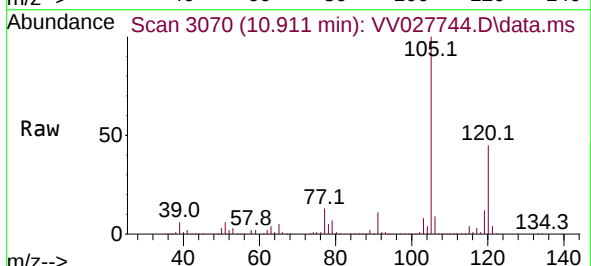
Acq: 06 Sep 2022 15:59

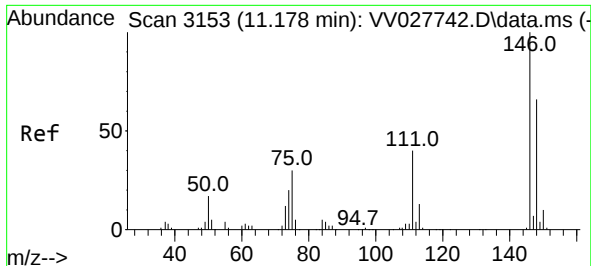
Tgt Ion:105 Resp: 1092162

Ion Ratio Lower Upper

105 100

120 45.5 37.4 56.0

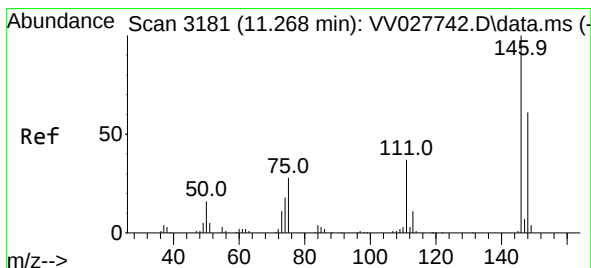
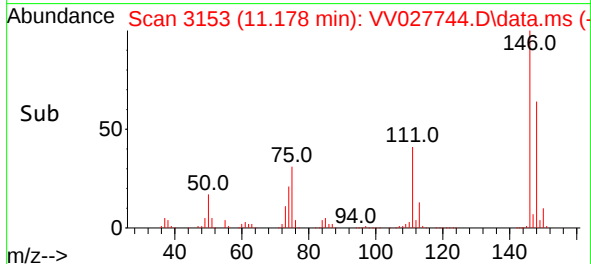
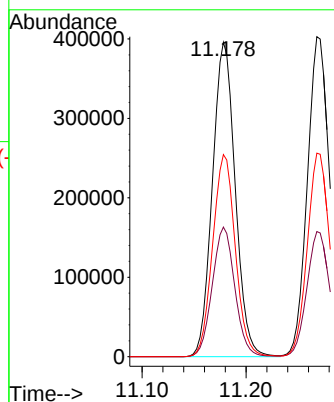
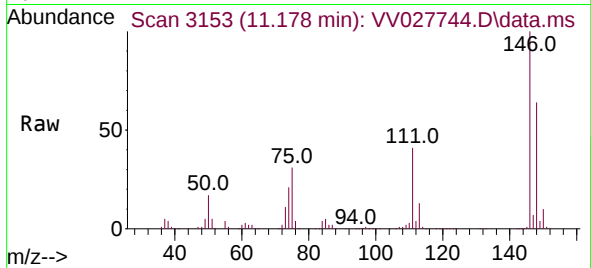




#64
 1,3-Dichlorobenzene
 Concen: 17.081 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.000 min
 Lab File: VV027744.D
 Acq: 06 Sep 2022 15:59

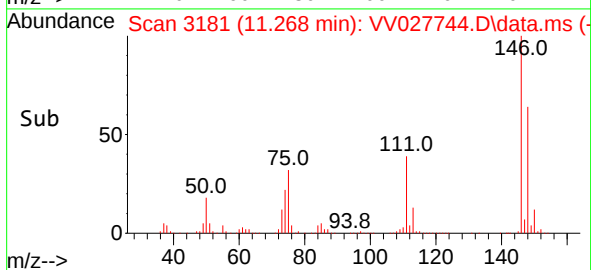
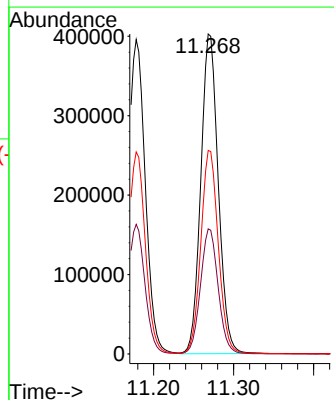
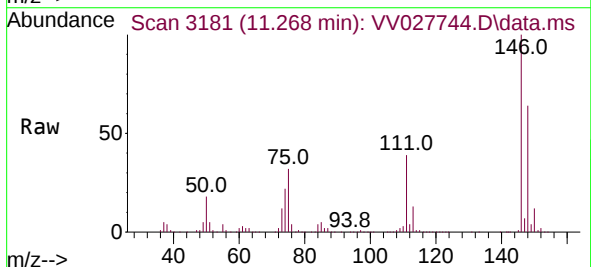
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020231

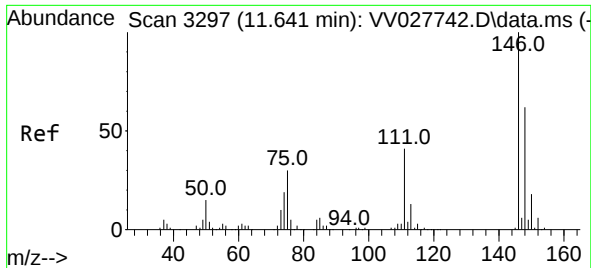
Tgt Ion:146 Resp: 603801
 Ion Ratio Lower Upper
 146 100
 111 41.2 27.9 51.9
 148 64.3 46.0 85.4



#65
 1,4-Dichlorobenzene
 Concen: 17.324 ug/L
 RT: 11.268 min Scan# 3181
 Delta R.T. -0.000 min
 Lab File: VV027744.D
 Acq: 06 Sep 2022 15:59

Tgt Ion:146 Resp: 611792
 Ion Ratio Lower Upper
 146 100
 111 39.1 26.5 49.3
 148 63.6 42.8 79.4





#67

1,2-Dichlorobenzene

Concen: 17.856 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD020231

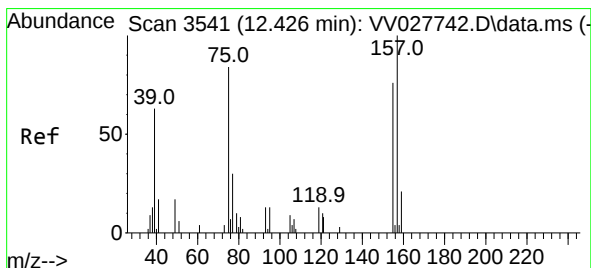
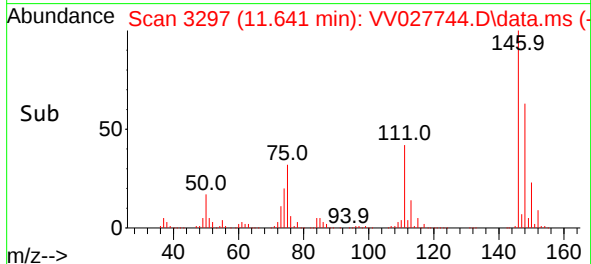
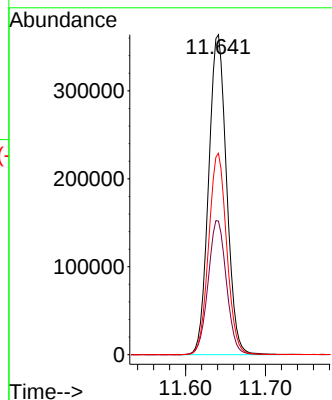
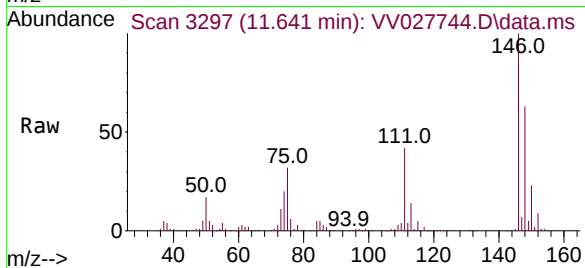
Tgt Ion:146 Resp: 568584

Ion Ratio Lower Upper

146 100

111 41.7 33.1 49.7

148 63.0 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 17.770 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV027744.D

Acq: 06 Sep 2022 15:59

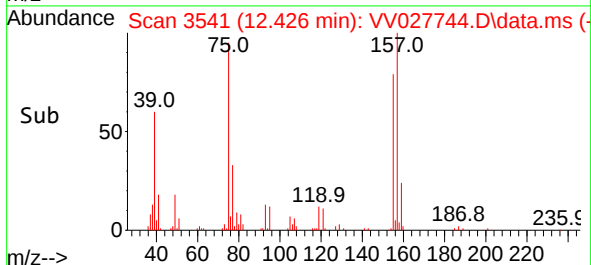
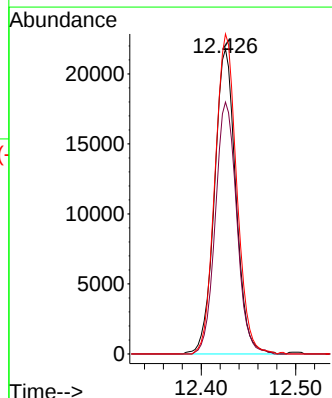
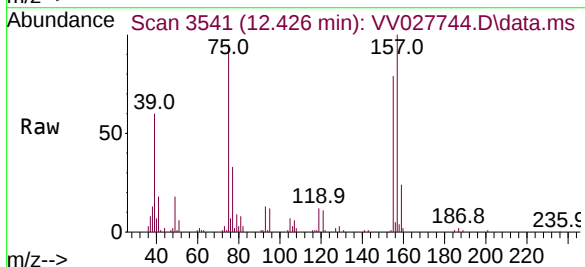
Tgt Ion: 75 Resp: 34260

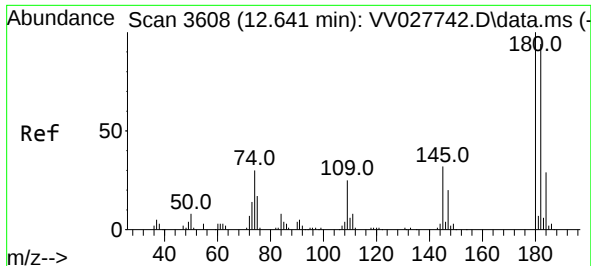
Ion Ratio Lower Upper

75 100

155 82.6 71.9 107.9

157 104.9 95.1 142.7

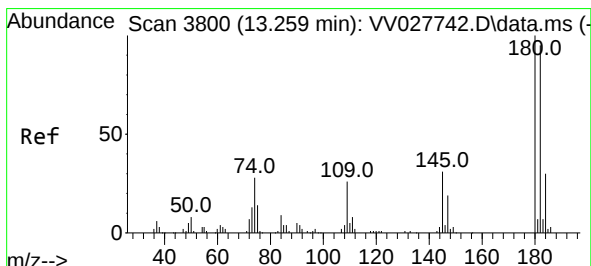
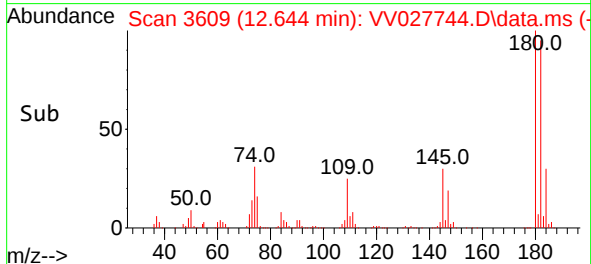
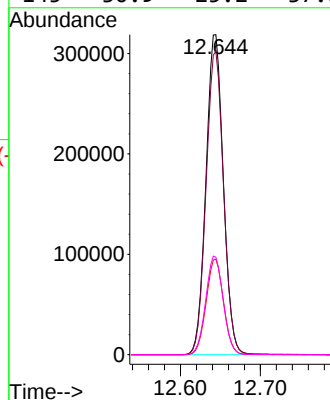
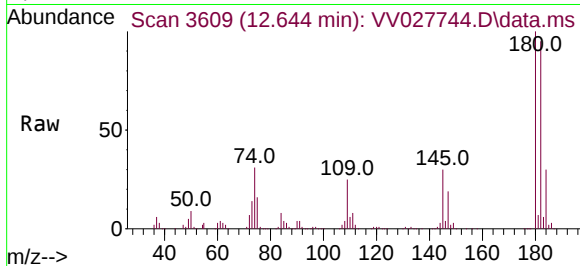




#69
 1,3,5-Trichlorobenzene
 Concen: 18.817 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV027744.D
 Acq: 06 Sep 2022 15:59

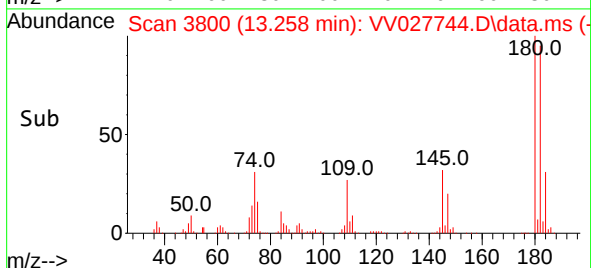
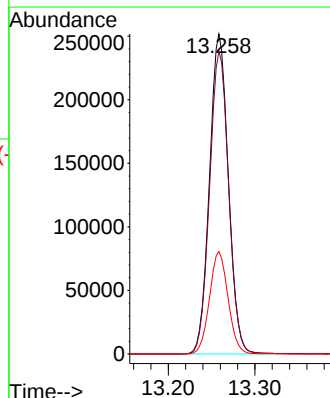
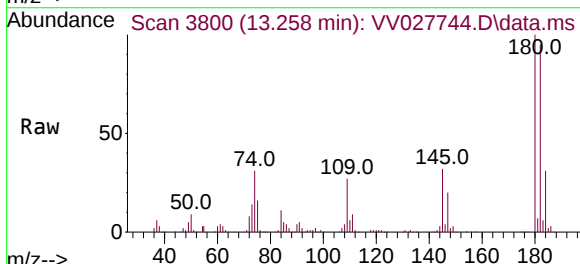
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020231

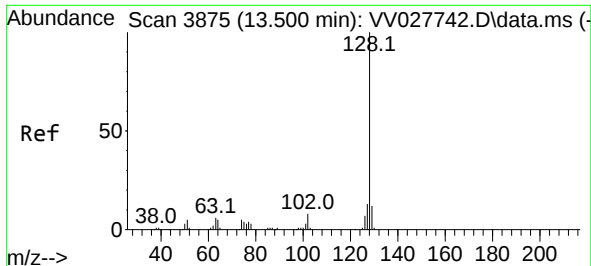
Tgt Ion:180 Resp: 483452
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.8 113.8
 184 29.9 23.8 35.6
 145 30.9 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 19.989 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027744.D
 Acq: 06 Sep 2022 15:59

Tgt Ion:180 Resp: 381641
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.6 114.8
 145 31.5 24.6 37.0

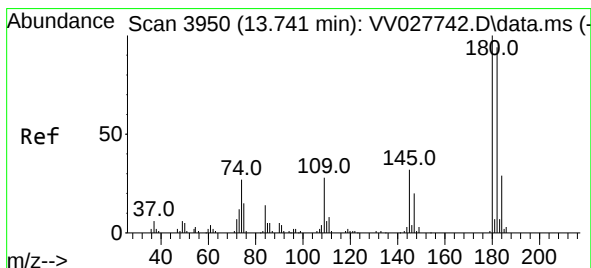
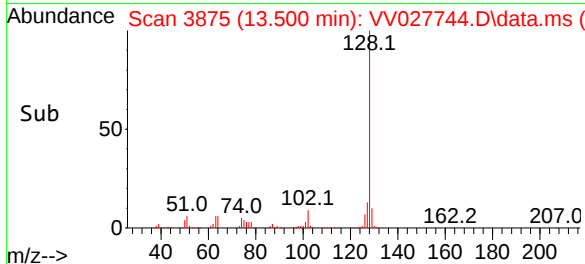
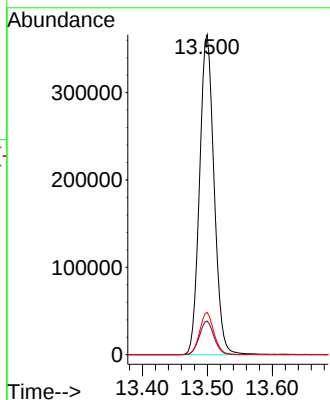
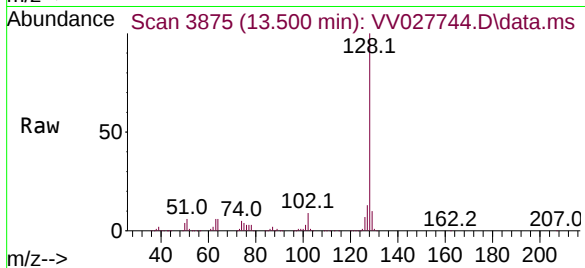




#71
Naphthalene
Concen: 19.047 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD020231

Tgt Ion:128 Resp: 571426
Ion Ratio Lower Upper
128 100
129 10.6 9.2 13.8
127 13.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 19.286 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027744.D
Acq: 06 Sep 2022 15:59

Tgt Ion:180 Resp: 332577
Ion Ratio Lower Upper
180 100
182 94.6 76.5 114.7
145 33.6 26.5 39.7

