

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027770.D
 Acq On : 07 Sep 2022 02:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005285

Quant Time: Sep 07 06:33:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	149716	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	149730	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	82478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	51632	5.232	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 104.600%	
7) Chloroethane-d5	1.568	69	45709	5.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 109.200%	
11) 1,1-Dichloroethene-d2	2.111	63	112165	5.356	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	= 107.200%	
20) 2-Butanone-d5	3.889	46	65503	29.950	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	= 59.900%	
24) Chloroform-d	4.346	84	106875	5.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 105.800%	
26) 1,2-Dichloroethane-d4	5.031	65	51273	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 95.200%	
32) Benzene-d6	5.047	84	194533	4.478	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	= 89.600%	
36) 1,2-Dichloropropane-d6	6.066	67	52423	4.122	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	= 82.400%	
41) Toluene-d8	7.313	98	193218	5.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 105.800%	
43) trans-1,3-Dichloroprop...	7.622	79	20226	4.741	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	= 94.800%	
46) 2-Hexanone-d5	8.088	63	81589	51.445	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	= 102.880%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40873	5.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 100.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	62347	4.602	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 92.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	81543	5.548	ug/L	99
3) Chloromethane	1.243	50	72048	5.384	ug/L	96
5) Vinyl chloride	1.314	62	75556	5.605	ug/L	99
6) Bromomethane	1.523	94	37128	5.114	ug/L	99
8) Chloroethane	1.587	64	46801	6.047	ug/L	99
9) Trichlorofluoromethane	1.754	101	124290	5.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	59935	5.630	ug/L	97
12) 1,1-Dichloroethene	2.118	96	56840	5.728	ug/L	97
13) Acetone	2.175	43	46050	28.258	ug/L	91
14) Carbon disulfide	2.294	76	158046	5.364	ug/L	99
15) Methyl Acetate	2.433	43	17749	4.106	ug/L	92
16) Methylene chloride	2.507	84	59272	4.639	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	115319	4.897	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	57166	5.455	ug/L	95
19) 1,1-Dichloroethane	3.188	63	108994	5.543	ug/L	98
21) 2-Butanone	3.973	43	61170	26.592	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	56988	4.990	ug/L #	89
23) Bromochloromethane	4.249	128	26131	5.449	ug/L	86
25) Chloroform	4.375	83	114958	5.269	ug/L	100

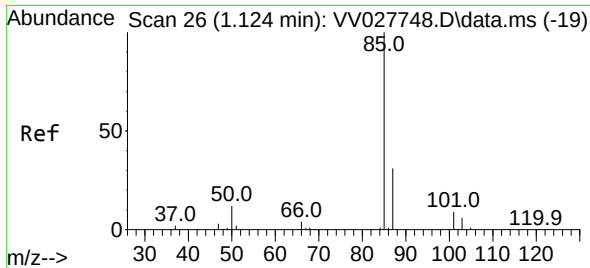
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090622\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	65915	4.983	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	105999	4.603	ug/L	97
30) Cyclohexane	4.674	56	77849	4.114	ug/L	98
31) Carbon tetrachloride	4.825	117	97049	4.960	ug/L	100
33) Benzene	5.098	78	229819	4.647	ug/L	100
34) Trichloroethene	5.912	95	56162	4.538	ug/L	97
35) Methylcyclohexane	6.130	83	85582	4.502	ug/L	98
37) 1,2-Dichloropropane	6.169	63	54178	4.617	ug/L	99
38) Bromodichloromethane	6.506	83	76853	4.939	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	70440	4.754	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	274239	51.560	ug/L	96
42) Toluene	7.384	91	257372	5.373	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	61598	4.954	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	39341	5.174	ug/L	98
47) Tetrachloroethene	7.973	164	50302	5.064	ug/L	96
48) 2-Hexanone	8.140	43	199651	51.632	ug/L	97
49) Dibromochloromethane	8.243	129	50099	5.190	ug/L	98
50) 1,2-Dibromoethane	8.352	107	35633	5.182	ug/L	99
51) Chlorobenzene	8.879	112	158209	5.090	ug/L	99
52) Ethylbenzene	9.011	91	251048	5.054	ug/L	100
53) m,p-Xylene	9.137	106	104418	5.344	ug/L	95
54) o-Xylene	9.542	106	98646	5.296	ug/L	99
55) Styrene	9.558	104	174089	5.405	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	43986	5.162	ug/L	97
59) Bromoform	9.728	173	24692	4.946	ug/L	95
60) Isopropylbenzene	9.931	105	260742	5.053	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	32558	4.985	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	70376	4.843	ug/L	95
63) 1,2,4-Trimethylbenzene	10.911	105	205449	4.973	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	129646	4.962	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	128145	4.867	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	117593	4.956	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6246	4.455	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	96257	4.863	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	72553	4.636	ug/L	99
71) Naphthalene	13.500	128	95670	3.891	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	65884	4.725	ug/L	99

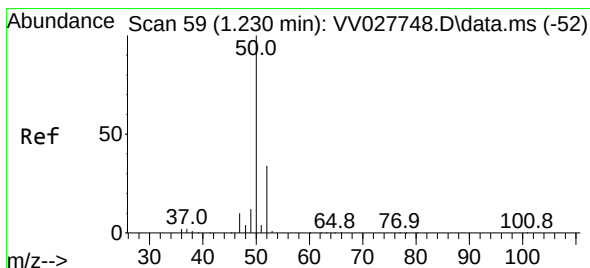
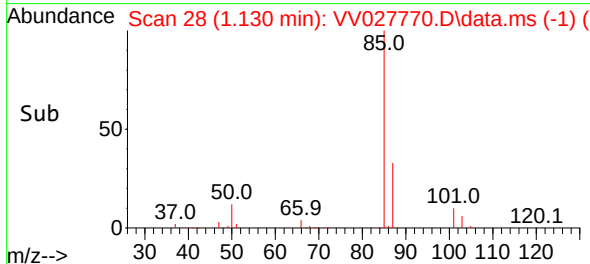
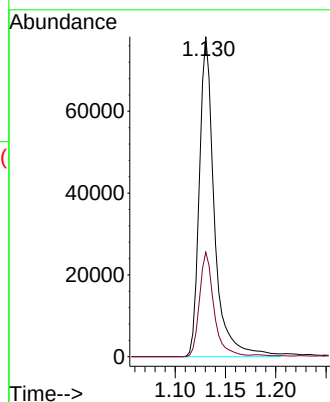
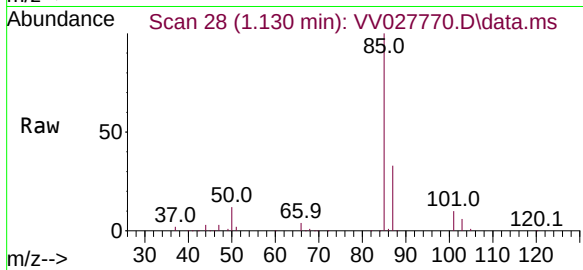
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.548 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV027770.D
 Acq: 07 Sep 2022 02:59

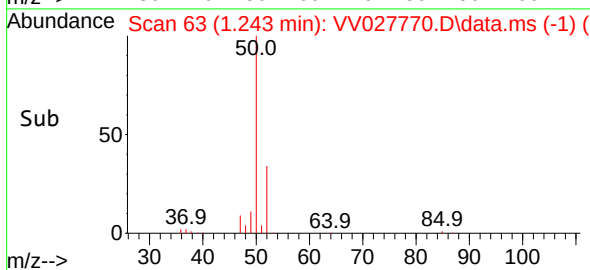
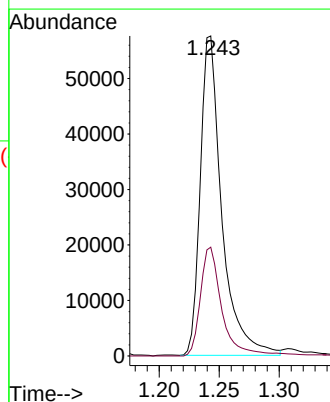
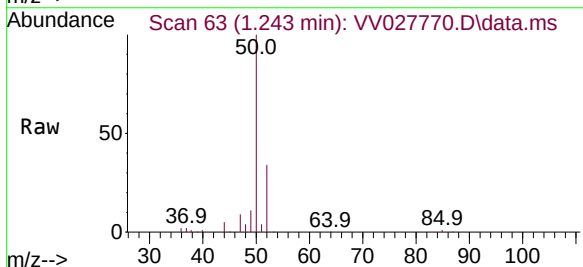
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005285

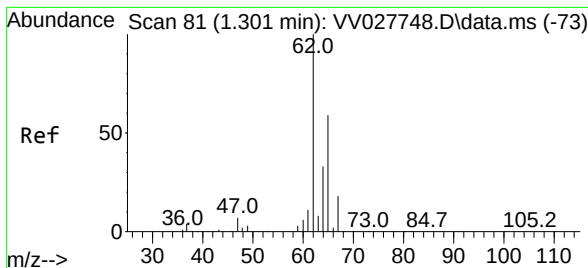
Tgt Ion: 85 Resp: 81543
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.4 38.0



#3
 Chloromethane
 Concen: 5.384 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.013 min
 Lab File: VV027770.D
 Acq: 07 Sep 2022 02:59

Tgt Ion: 50 Resp: 72048
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.1 41.1





#5

Vinyl chloride

Concen: 5.605 ug/L

RT: 1.314 min Scan# 81

Delta R.T. 0.013 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

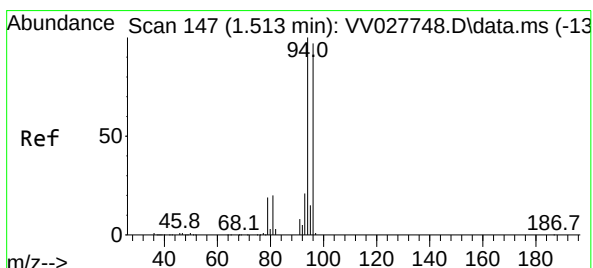
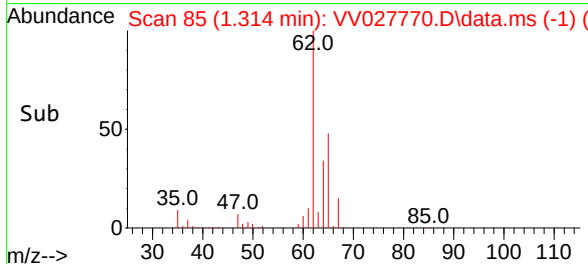
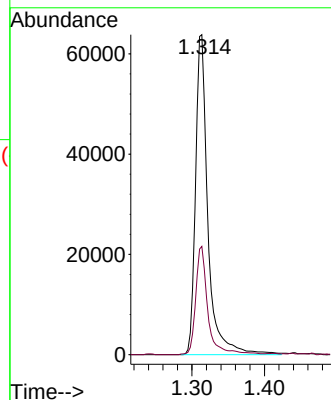
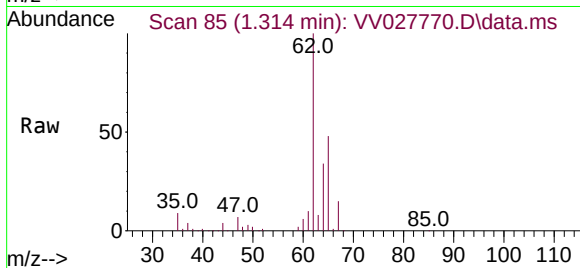
VSTD005285

Tgt Ion: 62 Resp: 75556

Ion Ratio Lower Upper

62 100

64 33.9 23.2 43.2



#6

Bromomethane

Concen: 5.114 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.010 min

Lab File: VV027770.D

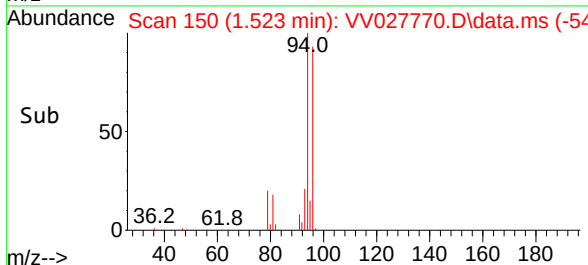
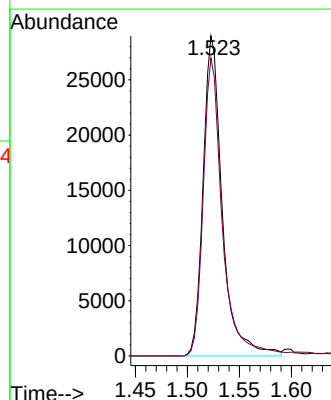
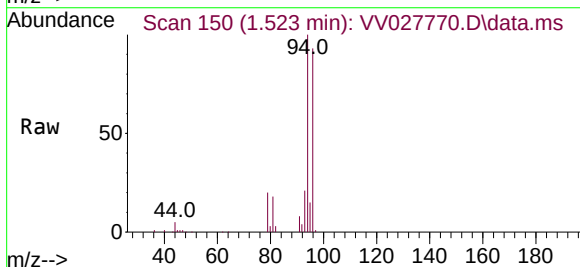
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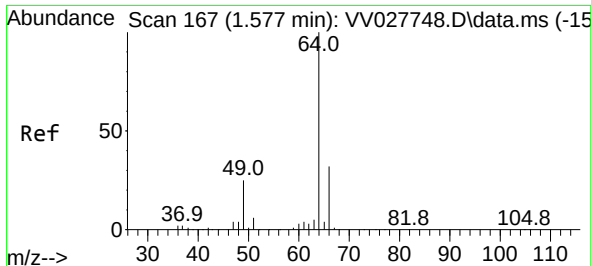
Tgt Ion: 94 Resp: 37128

Ion Ratio Lower Upper

94 100

96 93.1 64.2 119.2

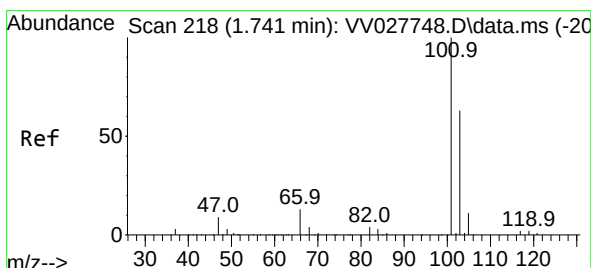
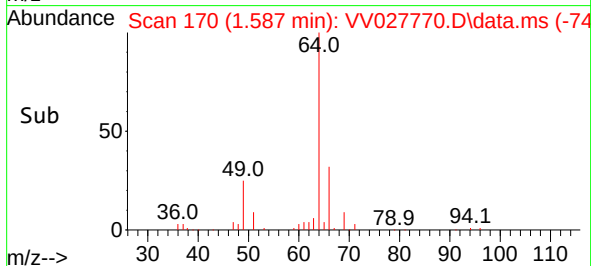
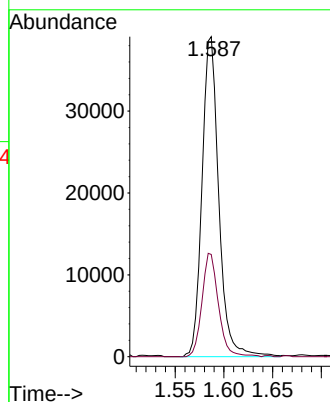
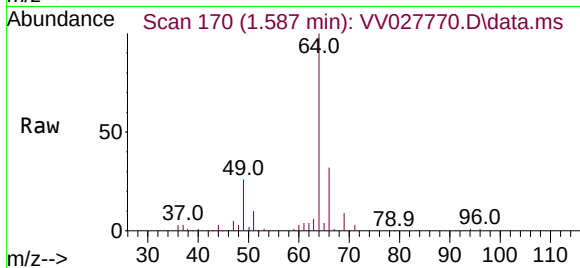




#8
Chloroethane
Concen: 6.047 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

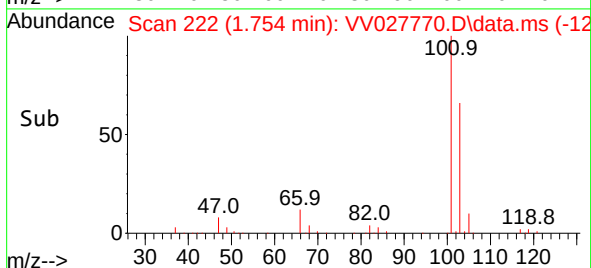
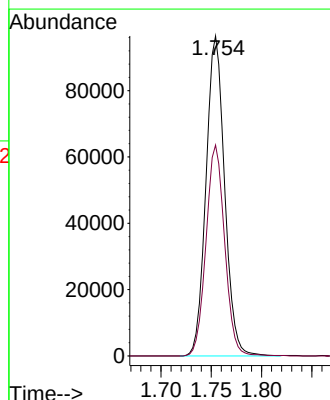
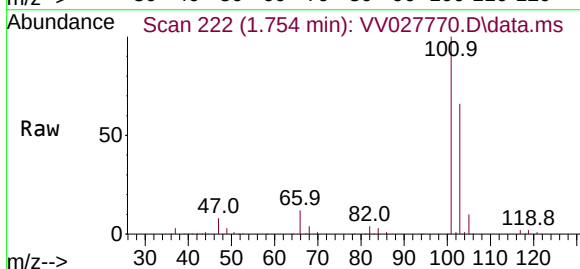
Instrument :
MSVOA_V
ClientSampleId :
VSTD005285

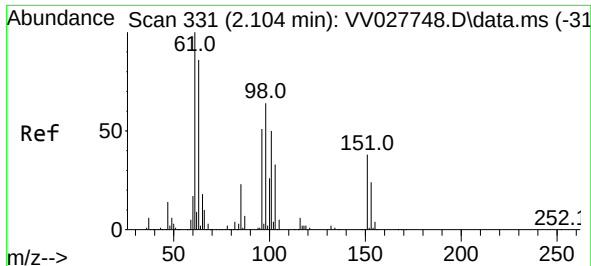
Tgt Ion: 64 Resp: 46801
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.691 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.013 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Tgt Ion: 101 Resp: 124290
Ion Ratio Lower Upper
101 100
103 65.9 52.3 78.5





#10

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

Concen: 5.630 ug/L

RT: 2.118 min Scan# 331

Delta R.T. 0.013 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005285

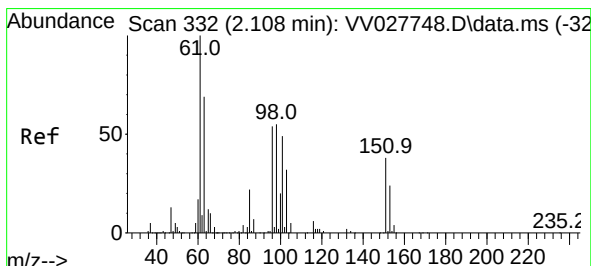
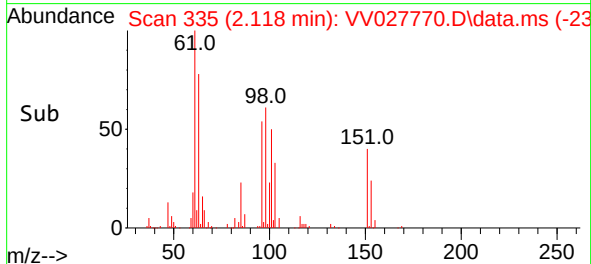
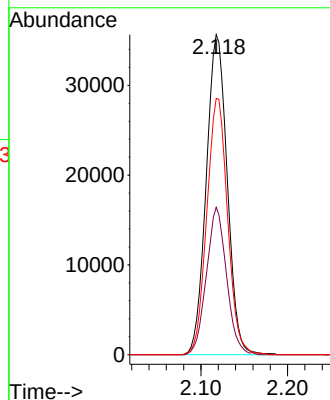
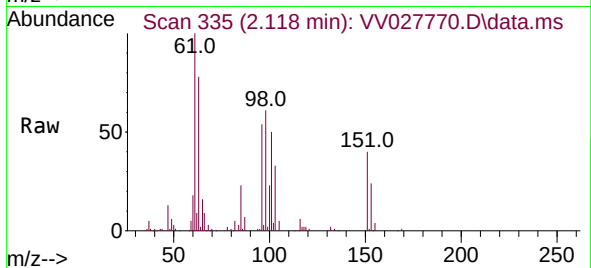
Tgt Ion:101 Resp: 59935

Ion Ratio Lower Upper

101 100

85 44.1 35.8 53.8

151 79.5 61.2 91.8



#12

1,1-Dichloroethene

Concen: 5.728 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.010 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

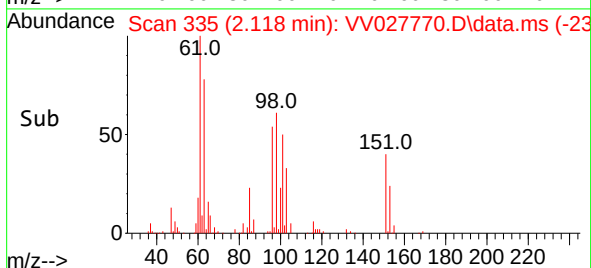
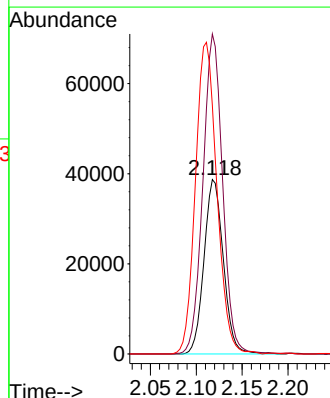
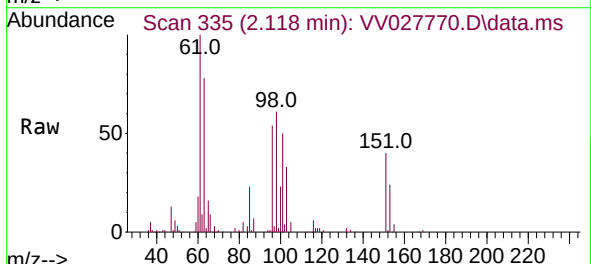
Tgt Ion: 96 Resp: 56840

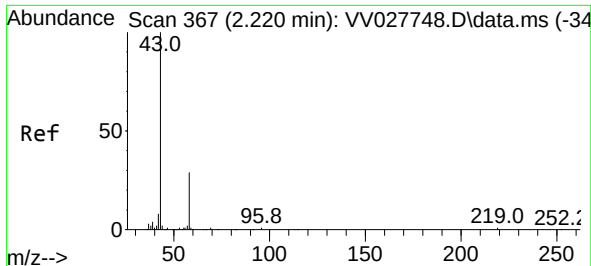
Ion Ratio Lower Upper

96 100

61 183.5 129.9 241.3

63 142.5 94.6 175.8

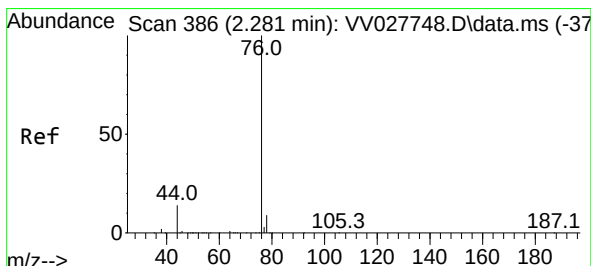
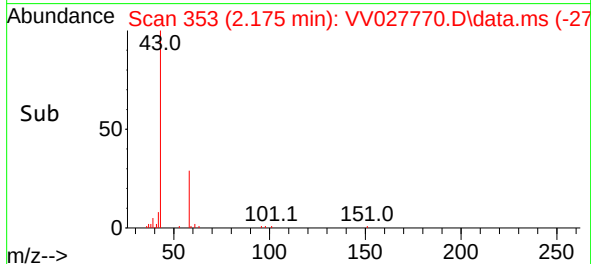
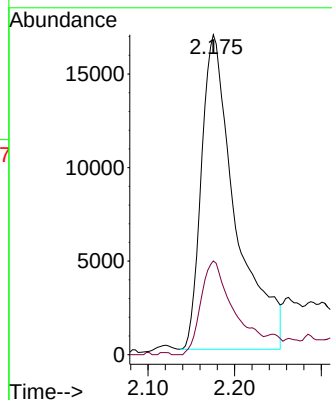
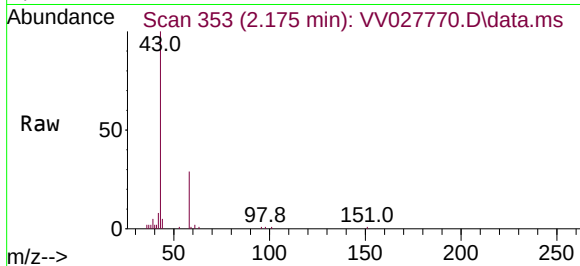




#13
Acetone
Concen: 28.258 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.045 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

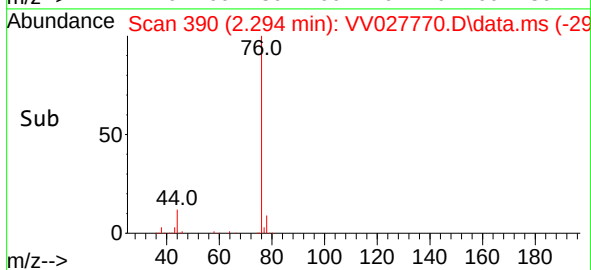
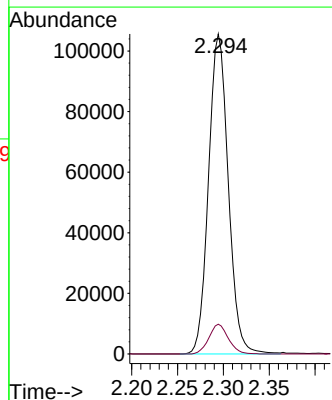
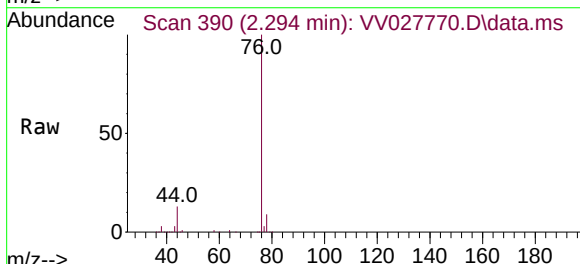
Instrument :
MSVOA_V
ClientSampleId :
VSTD005285

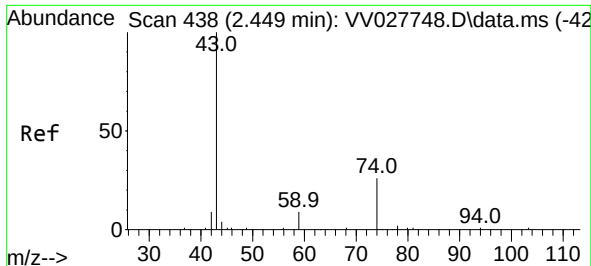
Tgt Ion: 43 Resp: 46050
Ion Ratio Lower Upper
43 100
58 29.0 0.0 49.4



#14
Carbon disulfide
Concen: 5.364 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.013 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Tgt Ion: 76 Resp: 158046
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

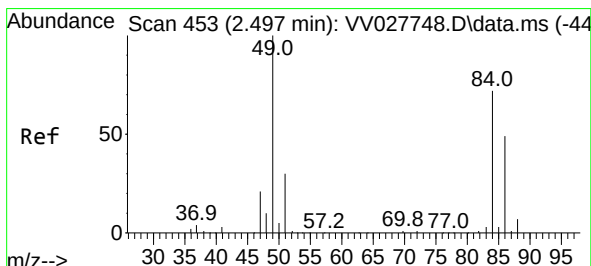
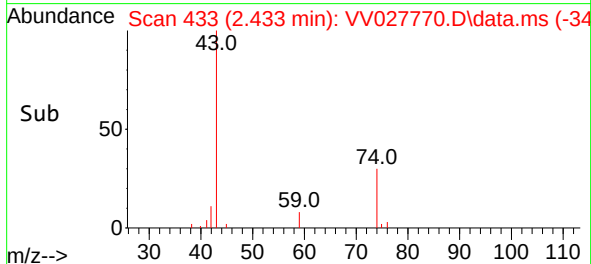
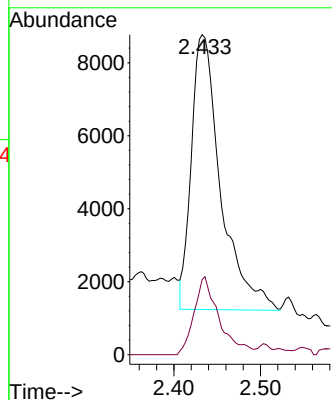
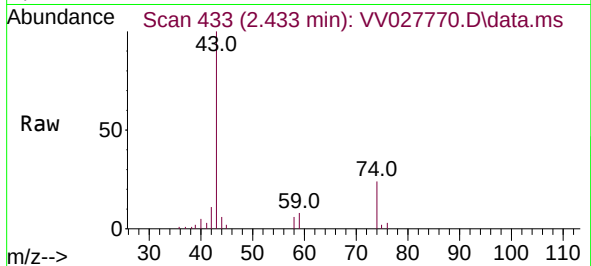




#15
Methyl Acetate
Concen: 4.106 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.016 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

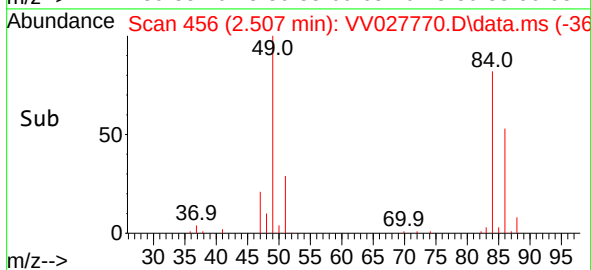
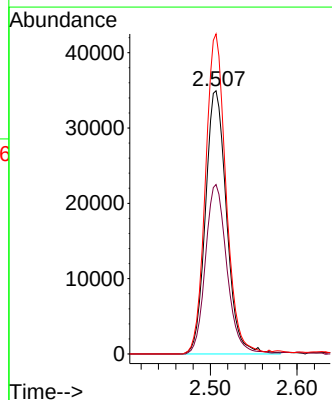
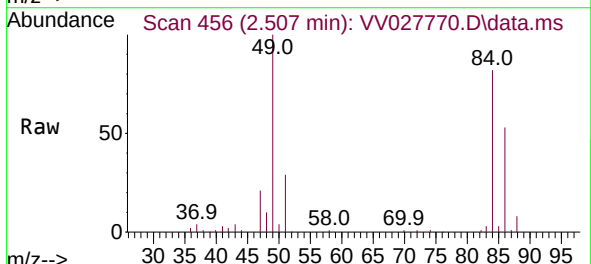
Instrument :
MSVOA_V
ClientSampleId :
VSTD005285

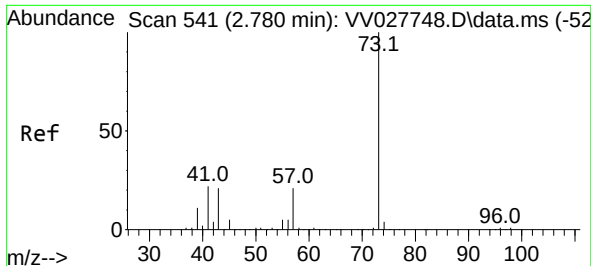
Tgt Ion: 43 Resp: 17749
Ion Ratio Lower Upper
43 100
74 24.3 16.6 25.0



#16
Methylene chloride
Concen: 4.639 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.010 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Tgt Ion: 84 Resp: 59272
Ion Ratio Lower Upper
84 100
86 64.4 44.9 83.3
49 121.6 90.1 167.3

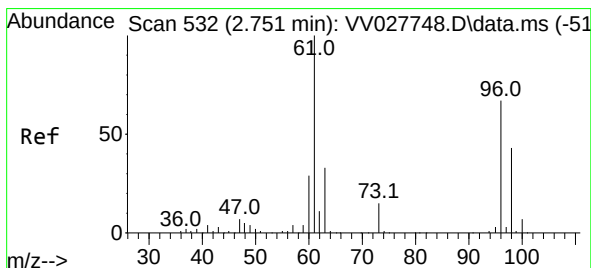
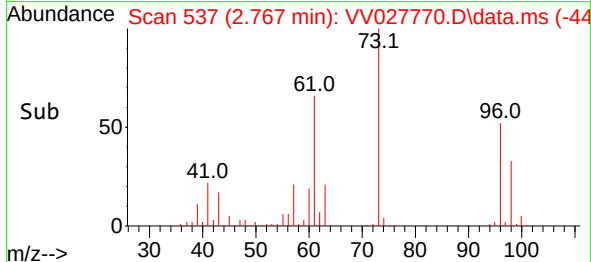
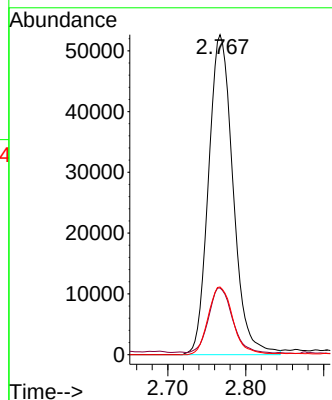
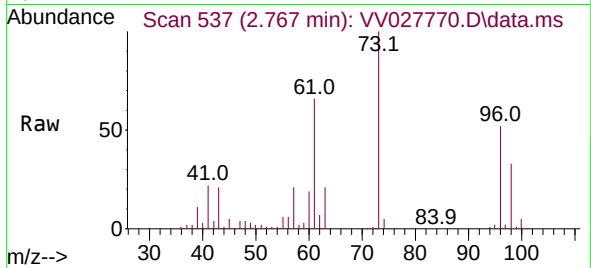




#17
Methyl tert-butyl Ether
Concen: 4.897 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.013 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

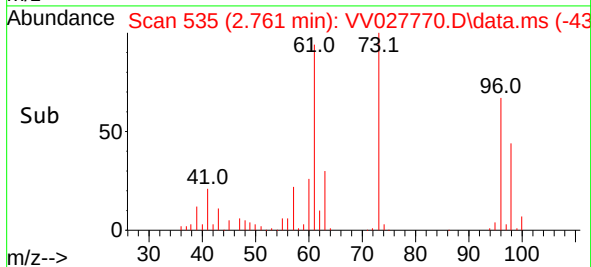
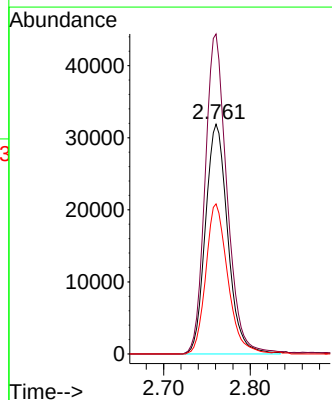
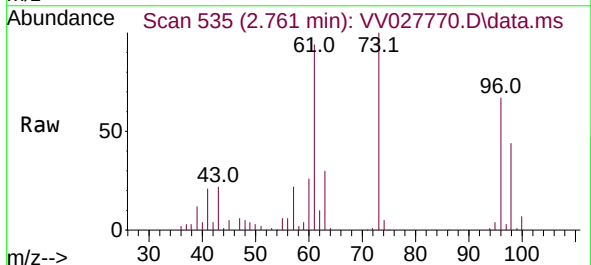
Instrument :
MSVOA_V
ClientSampleId :
VSTD005285

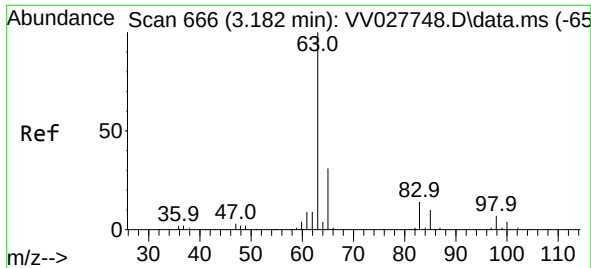
Tgt Ion: 73 Resp: 115319
Ion Ratio Lower Upper
73 100
43 19.7 17.5 26.3
57 21.3 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.455 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Tgt Ion: 96 Resp: 57166
Ion Ratio Lower Upper
96 100
61 139.3 102.6 190.5
98 65.4 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.543 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005285

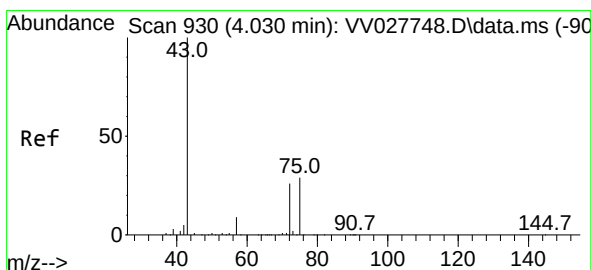
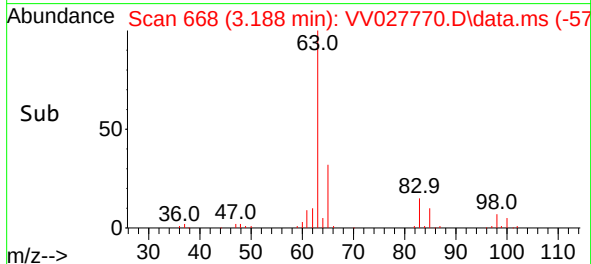
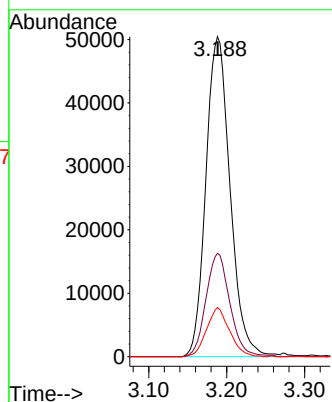
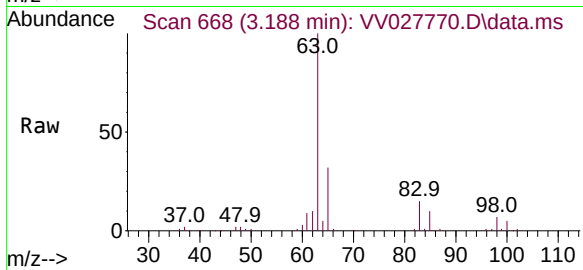
Tgt Ion: 63 Resp: 108994

Ion Ratio Lower Upper

63 100

65 32.3 22.0 41.0

83 15.4 10.1 18.9



#21

2-Butanone

Concen: 26.592 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.058 min

Lab File: VV027770.D

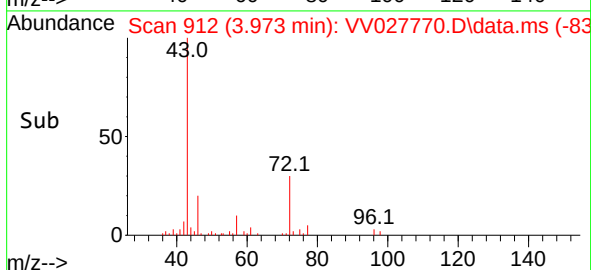
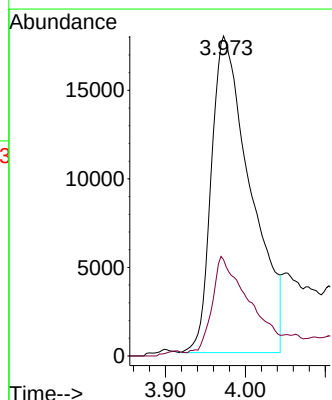
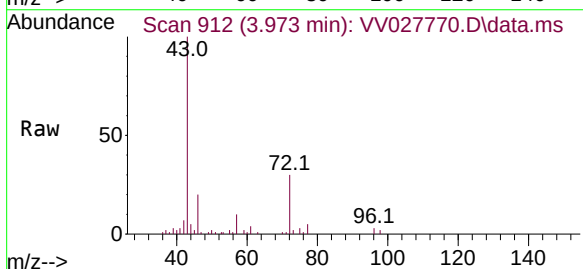
Acq: 07 Sep 2022 02:59

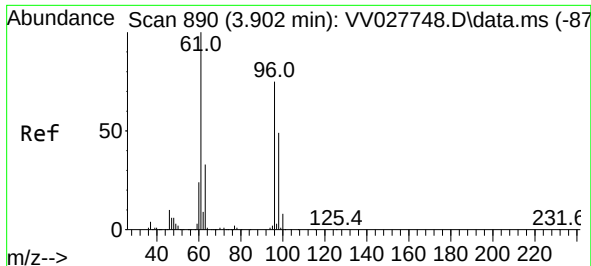
Tgt Ion: 43 Resp: 61170

Ion Ratio Lower Upper

43 100

72 28.8 13.0 39.0

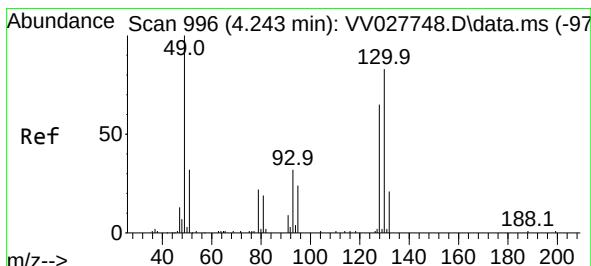
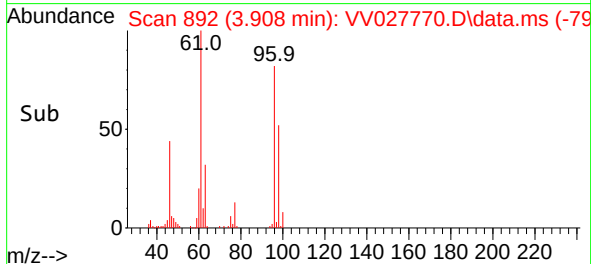
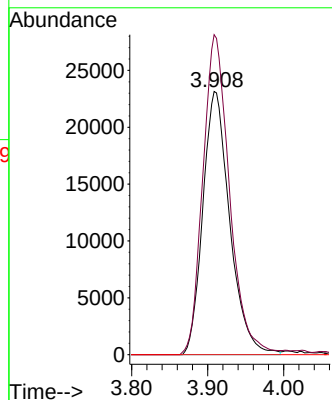
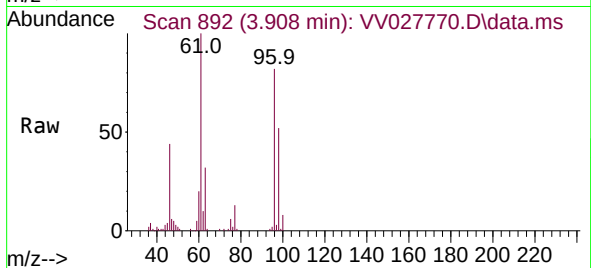




#22
 cis-1,2-Dichloroethene
 Concen: 4.990 ug/L
 RT: 3.908 min Scan# 890
 Delta R.T. 0.007 min
 Lab File: VV027770.D
 Acq: 07 Sep 2022 02:59

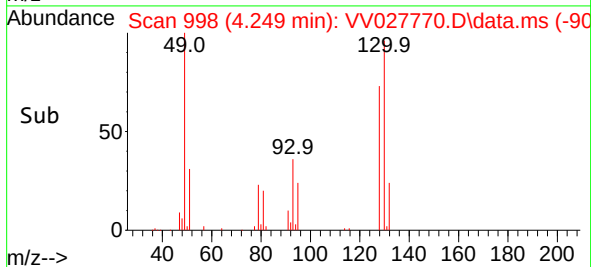
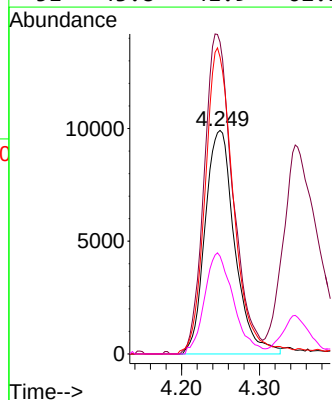
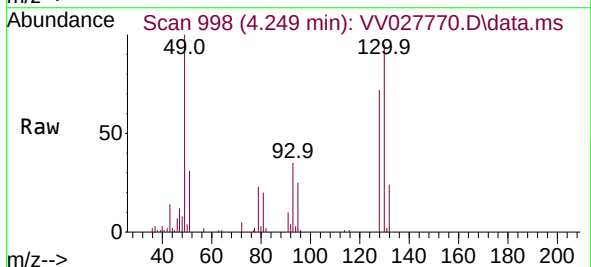
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005285

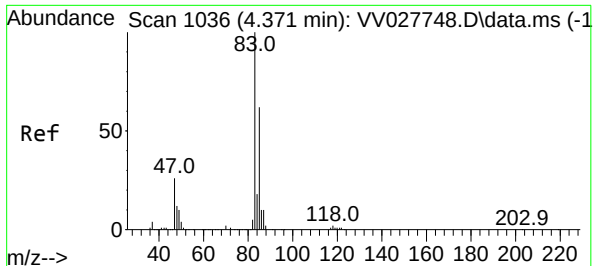
Tgt Ion: 96 Resp: 56988
 Ion Ratio Lower Upper
 96 100
 61 121.6 94.6 175.6
 68 0.0 0.3 0.5#



#23
 Bromochloromethane
 Concen: 5.449 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.007 min
 Lab File: VV027770.D
 Acq: 07 Sep 2022 02:59

Tgt Ion: 128 Resp: 26131
 Ion Ratio Lower Upper
 128 100
 49 139.5 118.4 219.8
 130 132.8 89.2 165.6
 51 43.8 41.9 62.9

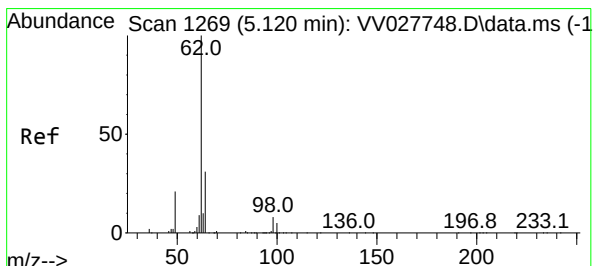
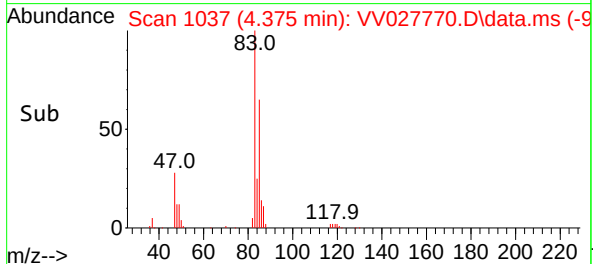
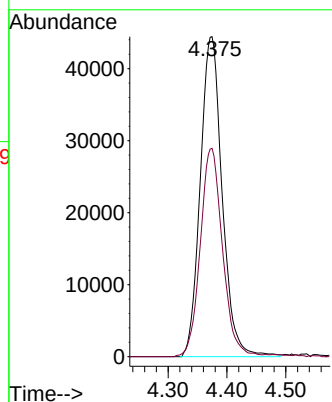
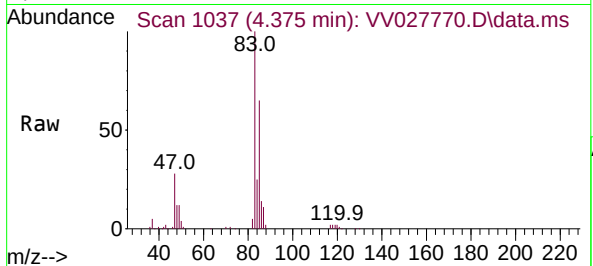




#25
Chloroform
Concen: 5.269 ug/L
RT: 4.375 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

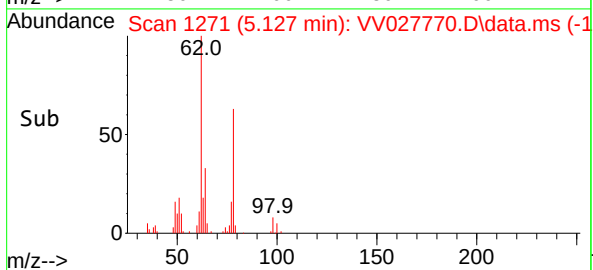
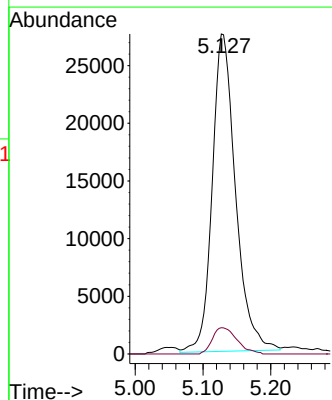
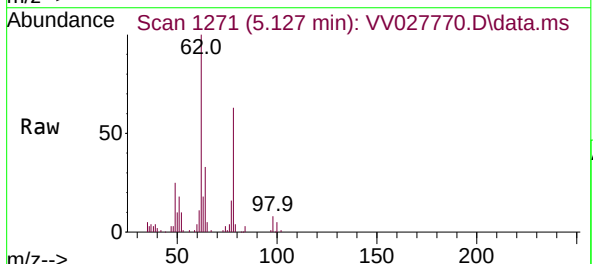
Instrument :
MSVOA_V
ClientSampleId :
VSTD005285

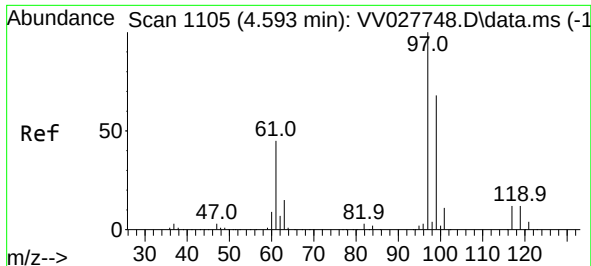
Tgt Ion: 83 Resp: 114958
Ion Ratio Lower Upper
83 100
85 65.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.983 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.007 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Tgt Ion: 62 Resp: 65915
Ion Ratio Lower Upper
62 100
98 8.2 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 4.603 ug/L

RT: 4.606 min Scan# 1105

Delta R.T. 0.013 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005285

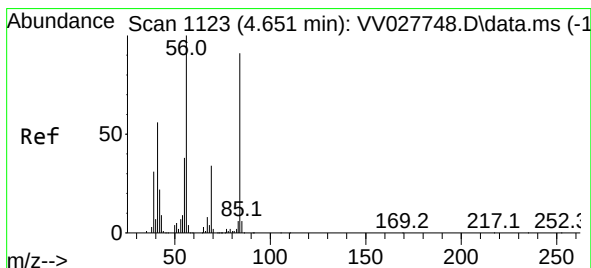
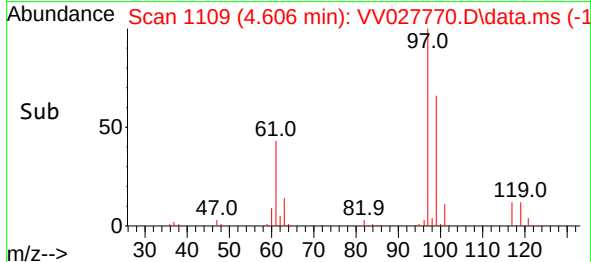
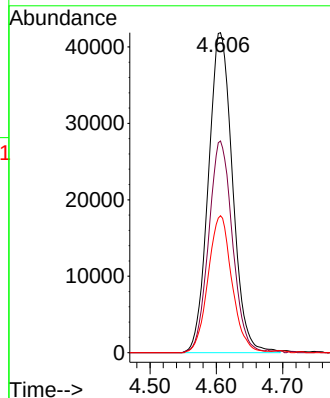
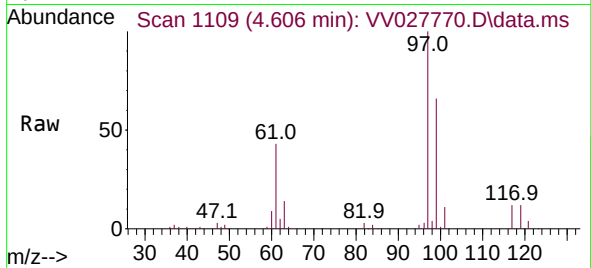
Tgt Ion: 97 Resp: 105999

Ion Ratio Lower Upper

97 100

99 65.1 50.8 76.2

61 42.4 36.2 54.4



#30

Cyclohexane

Concen: 4.114 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.023 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

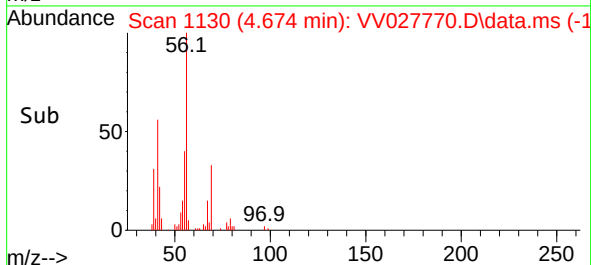
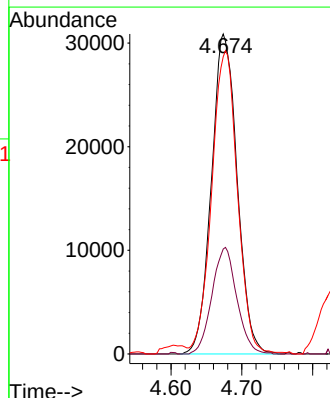
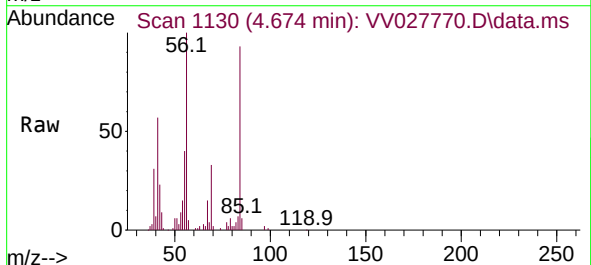
Tgt Ion: 56 Resp: 77849

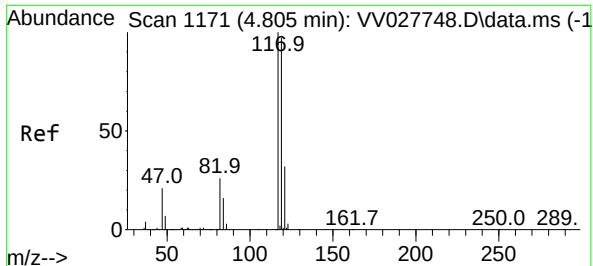
Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.2

84 94.0 73.8 110.8

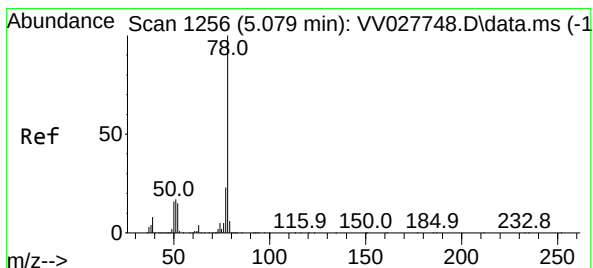
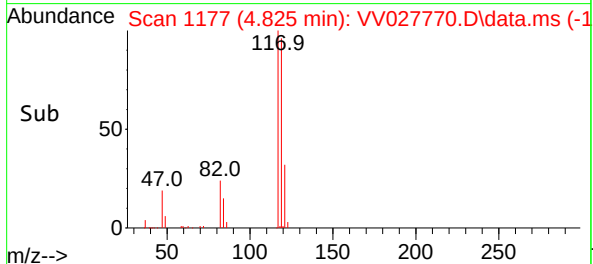
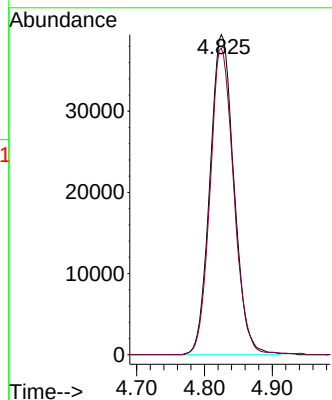
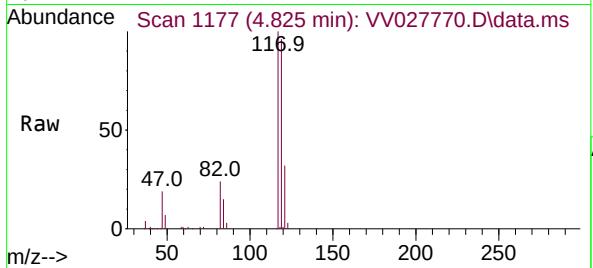




#31
Carbon tetrachloride
Concen: 4.960 ug/L
RT: 4.825 min Scan# 1171
Delta R.T. 0.019 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

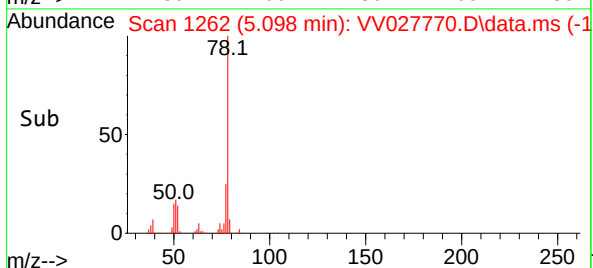
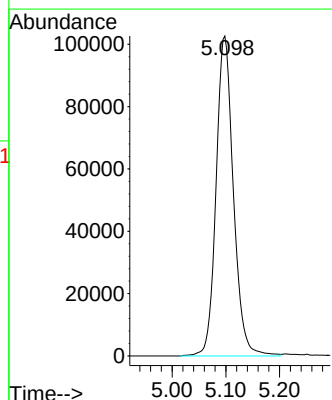
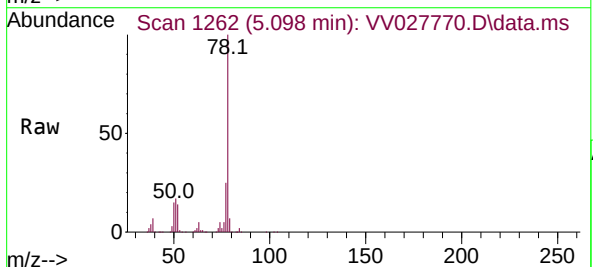
Instrument :
MSVOA_V
ClientSampleId :
VSTD005285

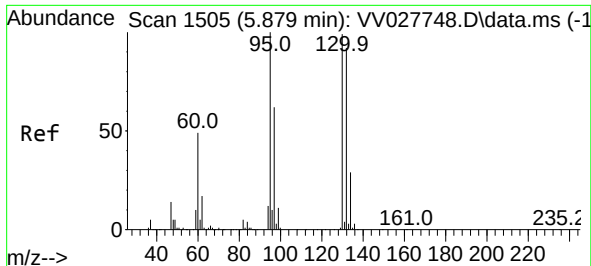
Tgt Ion:117 Resp: 97049
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8



#33
Benzene
Concen: 4.647 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.019 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Tgt Ion: 78 Resp: 229819





#34

Trichloroethene

Concen: 4.538 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.032 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005285

Tgt Ion: 95 Resp: 56162

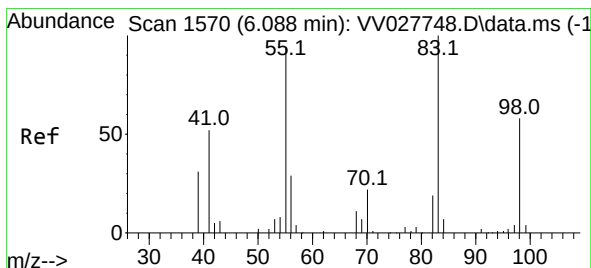
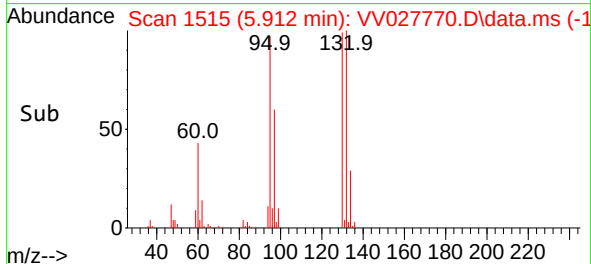
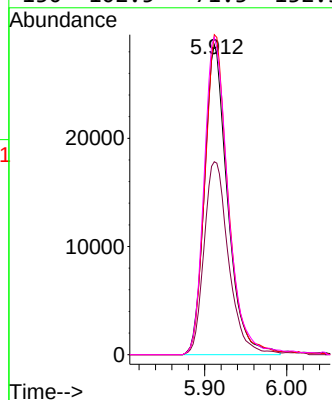
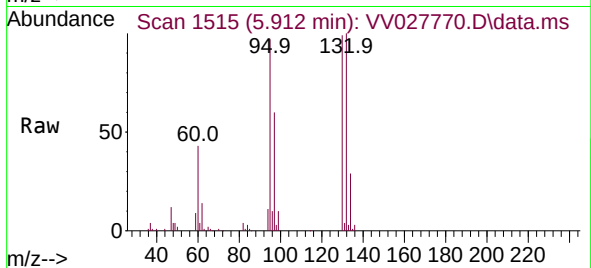
Ion Ratio Lower Upper

95 100

97 62.3 42.9 79.7

132 103.3 67.9 126.1

130 102.5 71.3 132.3



#35

Methylcyclohexane

Concen: 4.502 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.042 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

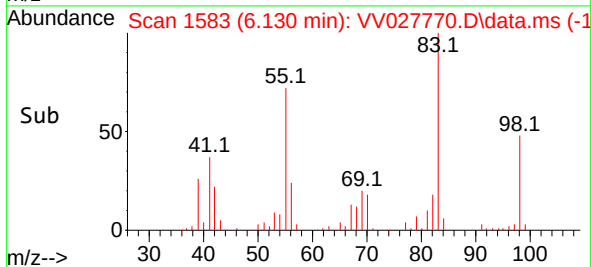
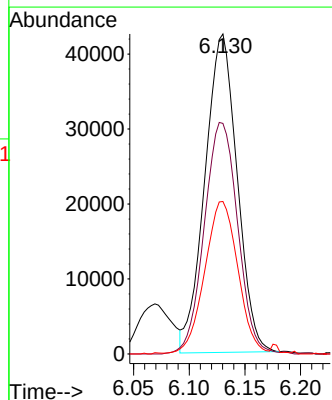
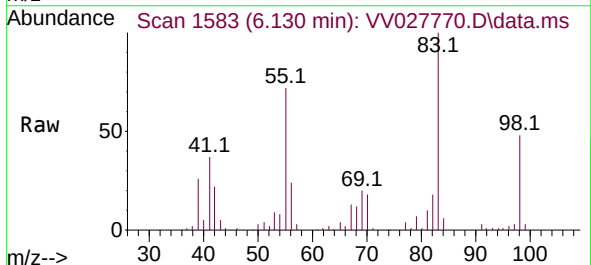
Tgt Ion: 83 Resp: 85582

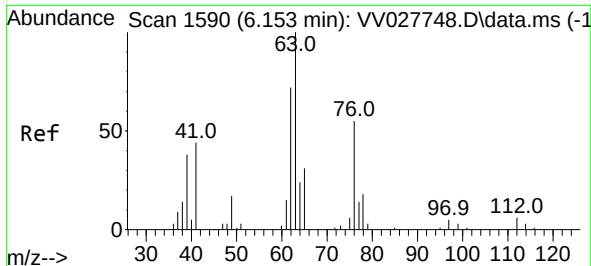
Ion Ratio Lower Upper

83 100

55 75.4 61.9 92.9

98 48.6 37.5 56.3





#37

1,2-Dichloropropane

Concen: 4.617 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

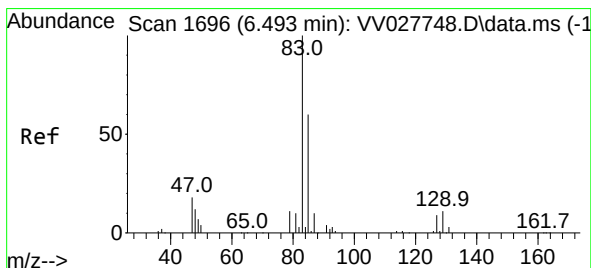
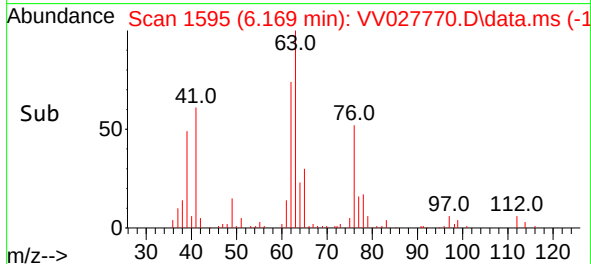
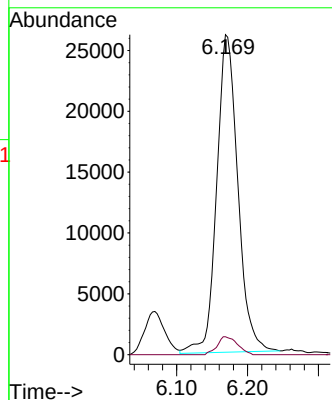
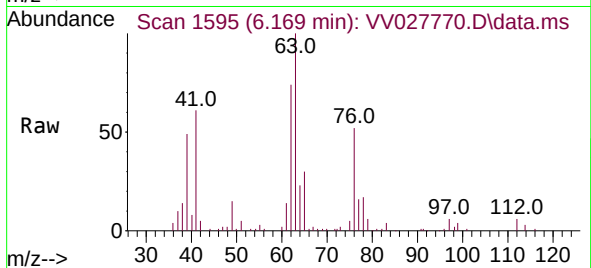
VSTD005285

Tgt Ion: 63 Resp: 54178

Ion Ratio Lower Upper

63 100

112 5.4 4.0 6.0



#38

Bromodichloromethane

Concen: 4.939 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.013 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

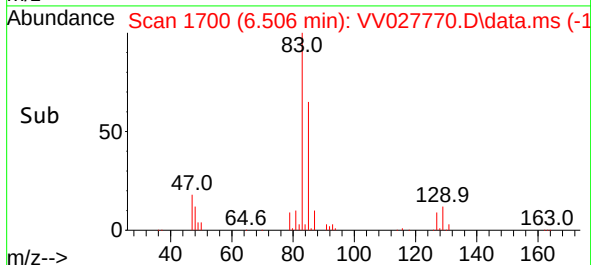
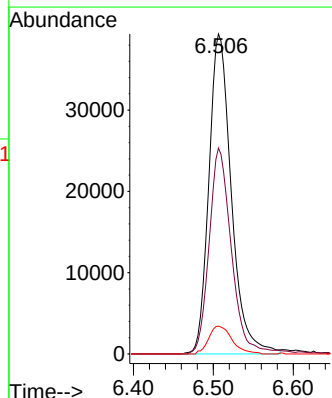
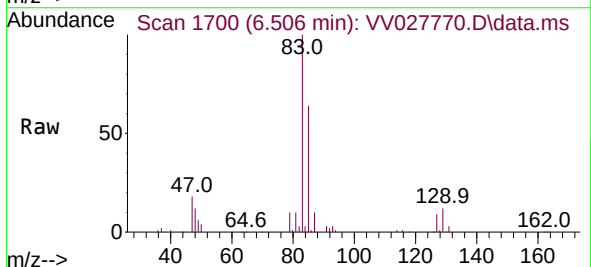
Tgt Ion: 83 Resp: 76853

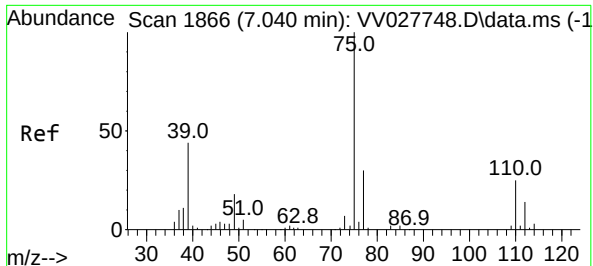
Ion Ratio Lower Upper

83 100

85 64.3 43.3 80.3

127 8.7 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.754 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.013 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

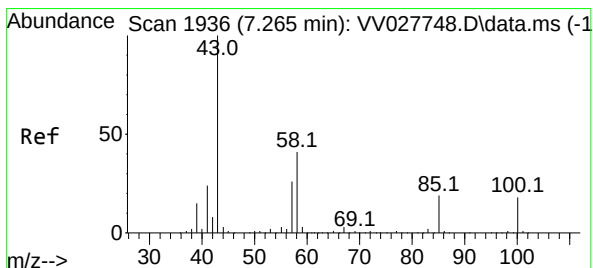
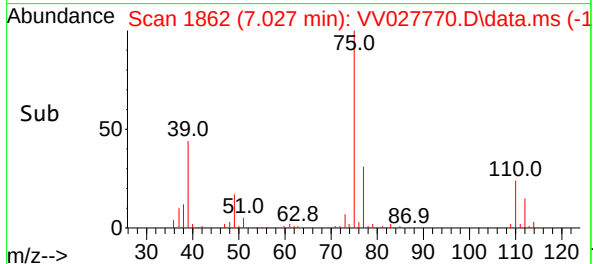
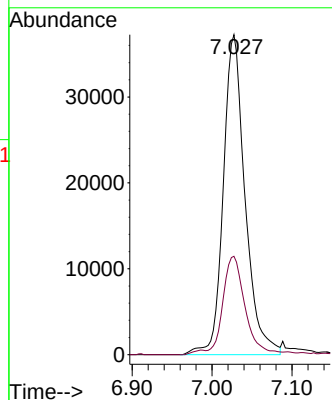
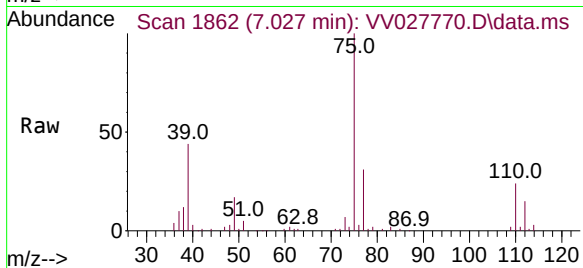
VSTD005285

Tgt Ion: 75 Resp: 70440

Ion Ratio Lower Upper

75 100

77 30.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 51.560 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.038 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

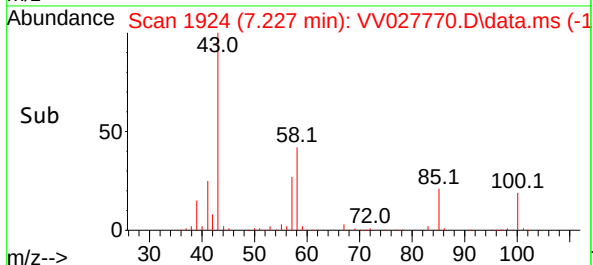
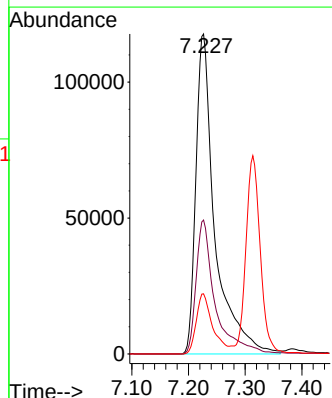
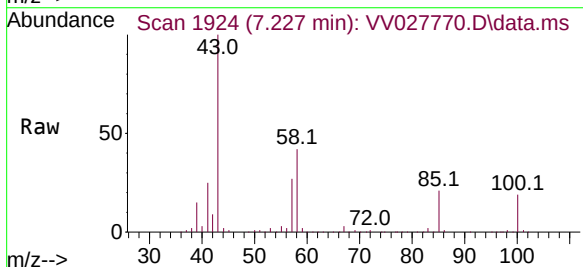
Tgt Ion: 43 Resp: 274239

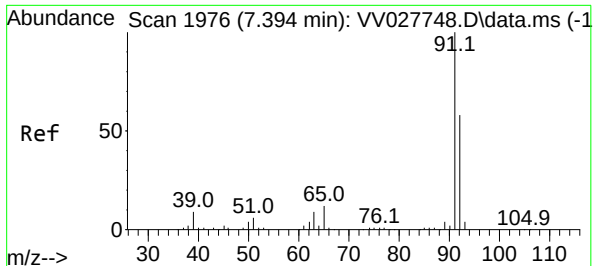
Ion Ratio Lower Upper

43 100

58 41.9 30.9 46.3

100 16.2 13.4 20.0





#42

Toluene

Concen: 5.373 ug/L

RT: 7.384 min Scan# 1976

Delta R.T. -0.010 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

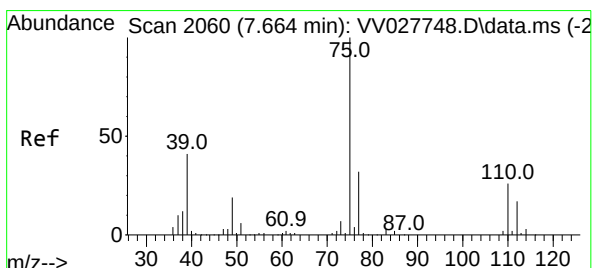
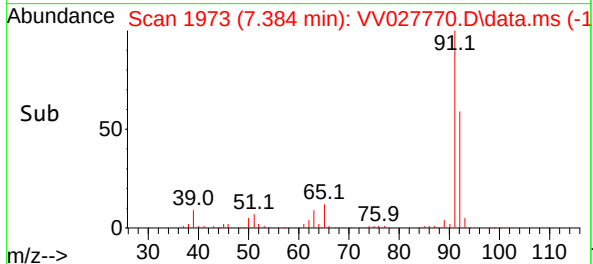
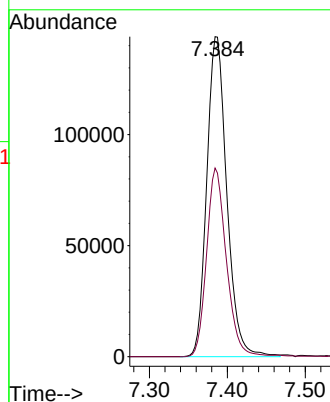
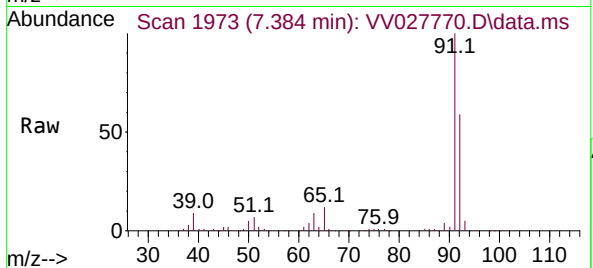
VSTD005285

Tgt Ion: 91 Resp: 257372

Ion Ratio Lower Upper

91 100

92 59.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.954 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.016 min

Lab File: VV027770.D

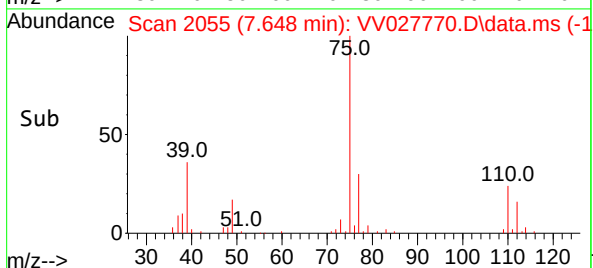
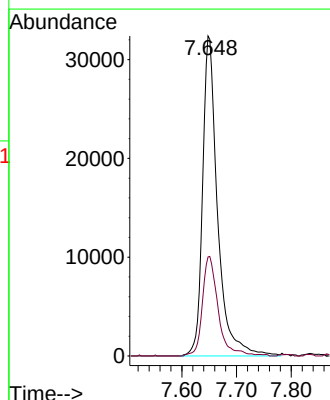
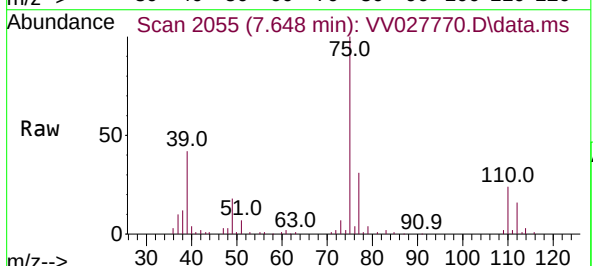
Acq: 07 Sep 2022 02:59

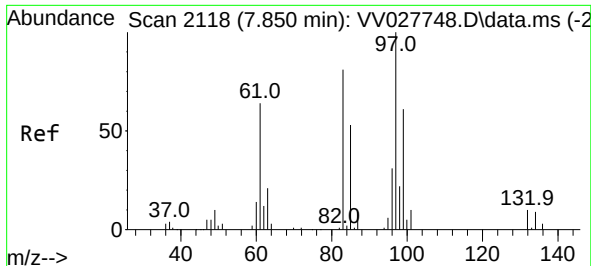
Tgt Ion: 75 Resp: 61598

Ion Ratio Lower Upper

75 100

77 31.0 22.6 42.0

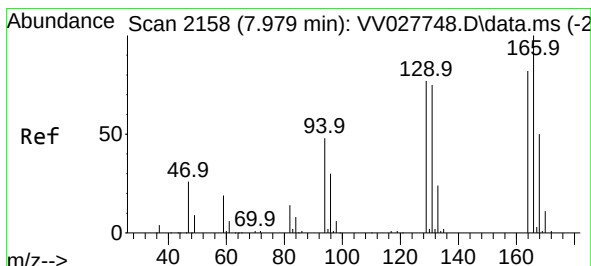
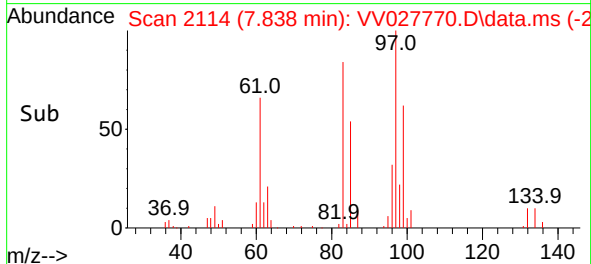
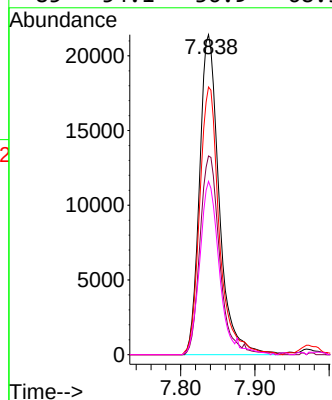
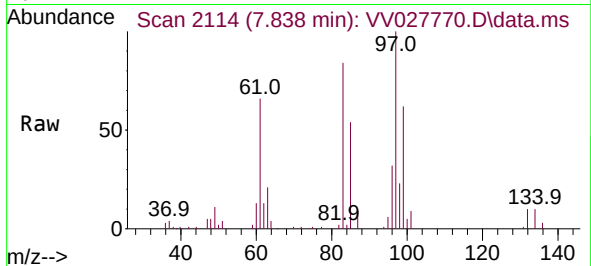




#45
1,1,2-Trichloroethane
Concen: 5.174 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.013 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

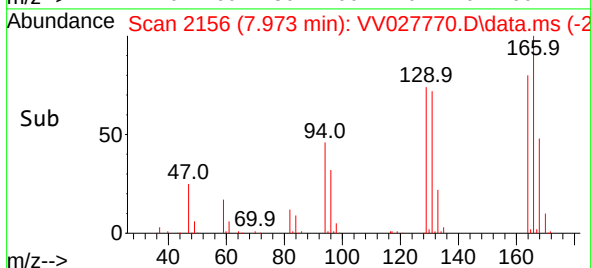
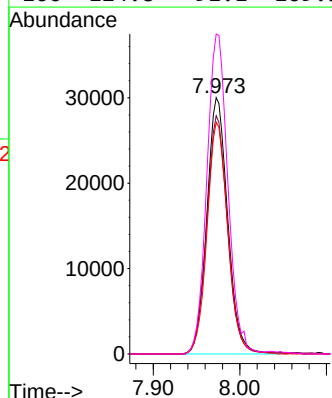
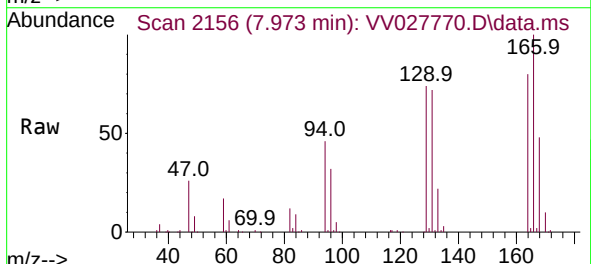
Instrument :
MSVOA_V
ClientSampleId :
VSTD005285

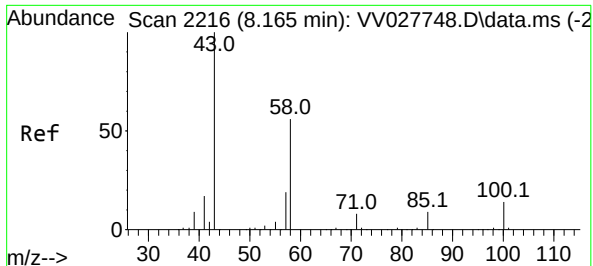
Tgt Ion:	97	Resp:	39341
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.2	82.0
83	83.6	60.3	112.1
85	54.1	36.9	68.5



#47
Tetrachloroethene
Concen: 5.064 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.006 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Tgt Ion:	164	Resp:	50302
Ion	Ratio	Lower	Upper
164	100		
129	92.9	67.2	124.8
131	90.4	61.5	114.3
166	124.8	91.1	169.3



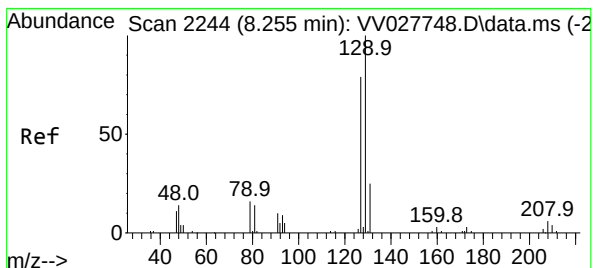
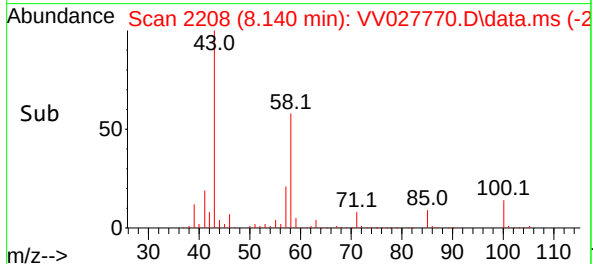
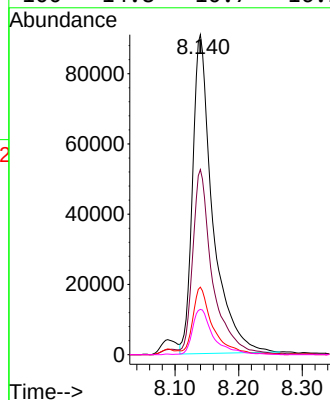
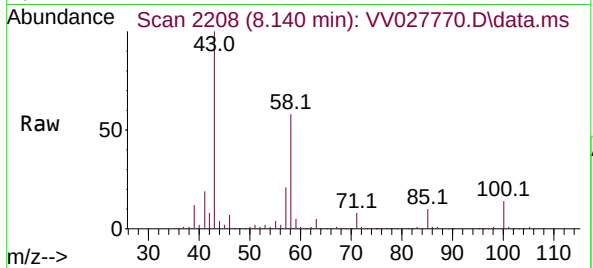


#48
2-Hexanone
Concen: 51.632 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.026 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005285

Tgt Ion: 43 Resp: 199651

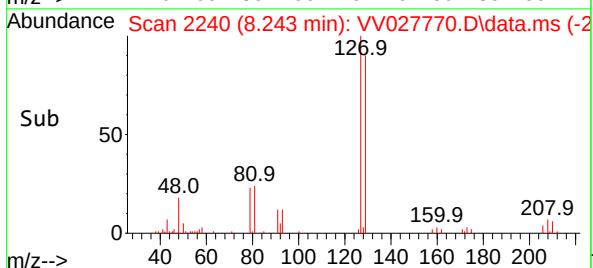
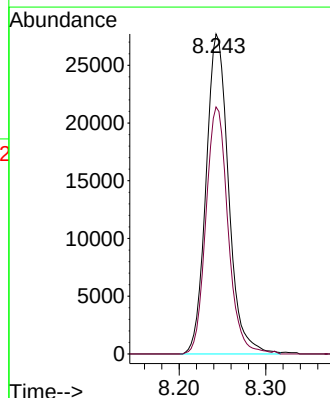
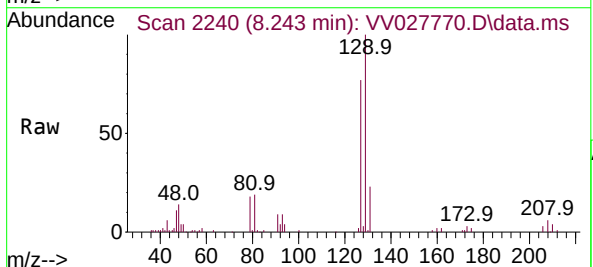
Ion	Ratio	Lower	Upper
43	100		
58	56.3	43.2	64.8
57	21.1	15.6	23.4
100	14.8	10.7	16.1

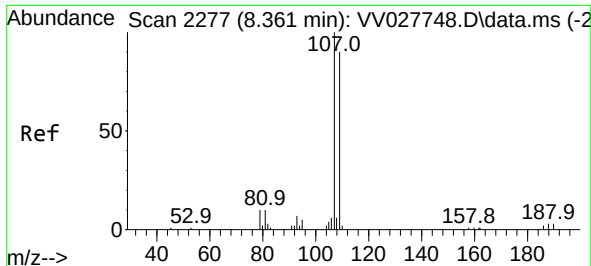


#49
Dibromochloromethane
Concen: 5.190 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.013 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Tgt Ion: 129 Resp: 50099

Ion	Ratio	Lower	Upper
129	100		
127	77.2	55.2	102.6





#50

1,2-Dibromoethane

Concen: 5.182 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.010 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

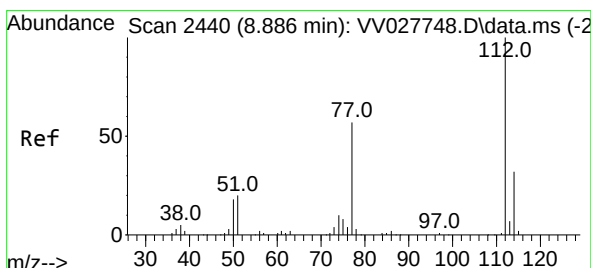
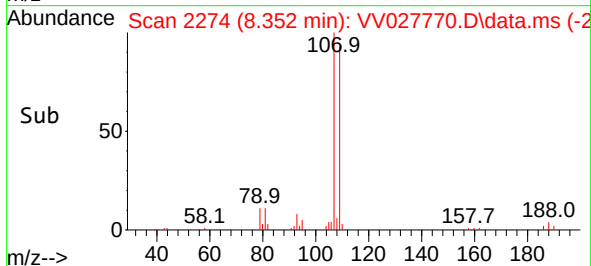
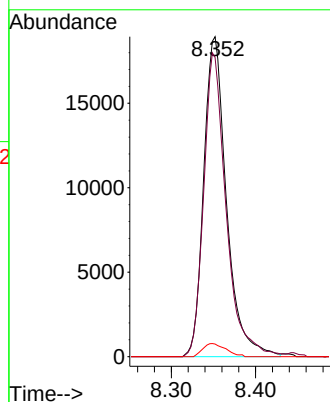
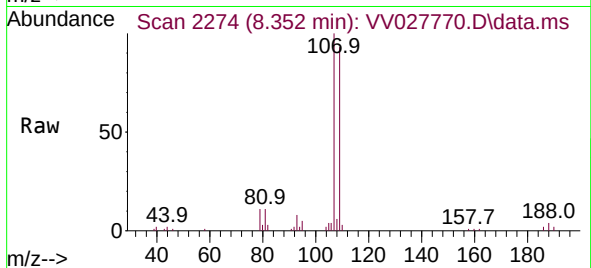
Instrument :

MSVOA_V

ClientSampleId :

VSTD005285

Tgt Ion:107	Resp:	35633
Ion	Ratio	Lower Upper
107	100	
109	93.5	65.9 122.5
188	3.9	3.1 4.7



#51

Chlorobenzene

Concen: 5.090 ug/L

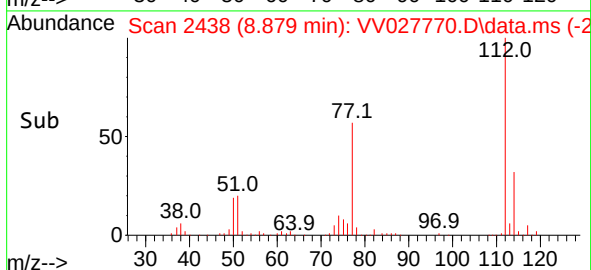
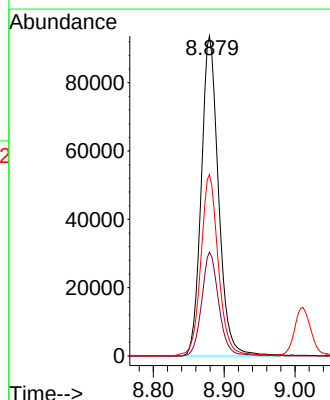
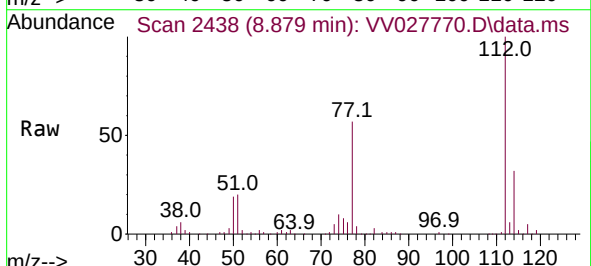
RT: 8.879 min Scan# 2438

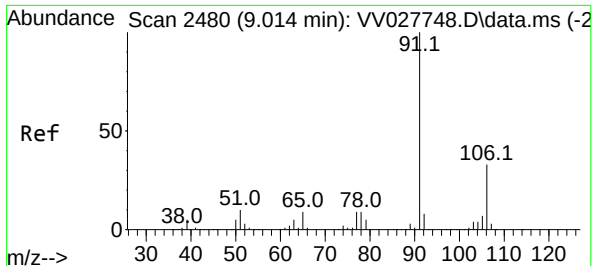
Delta R.T. -0.006 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

Tgt Ion:112	Resp:	158209
Ion	Ratio	Lower Upper
112	100	
114	32.5	21.7 40.3
77	56.8	45.3 67.9





#52

Ethylbenzene

Concen: 5.054 ug/L

RT: 9.011 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

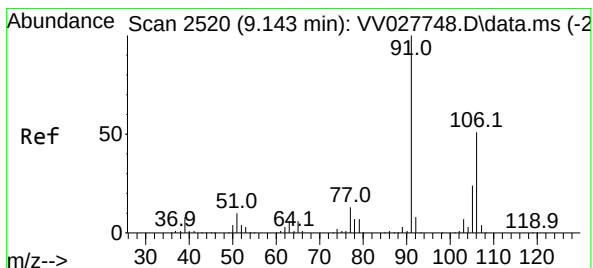
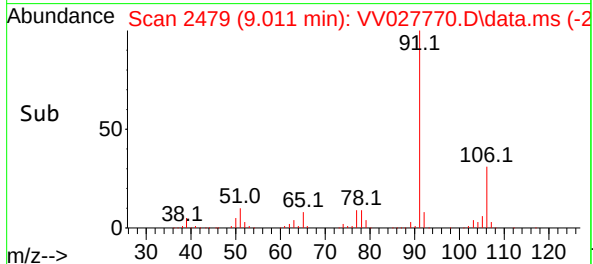
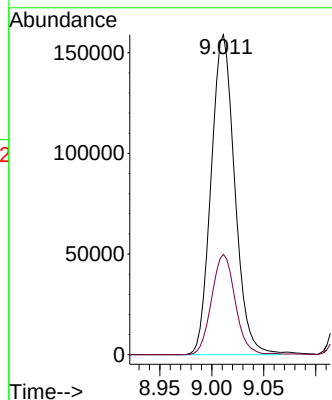
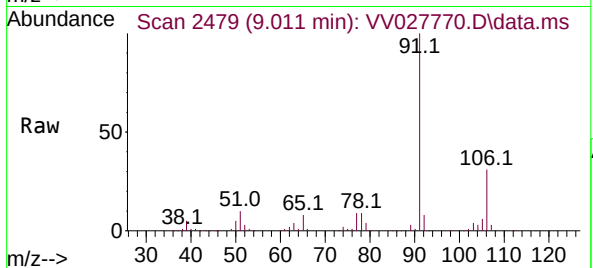
VSTD005285

Tgt Ion: 91 Resp: 251048

Ion Ratio Lower Upper

91 100

106 31.3 22.0 40.8



#53

m,p-Xylene

Concen: 5.344 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.006 min

Lab File: VV027770.D

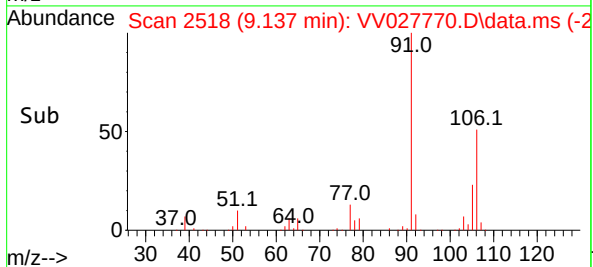
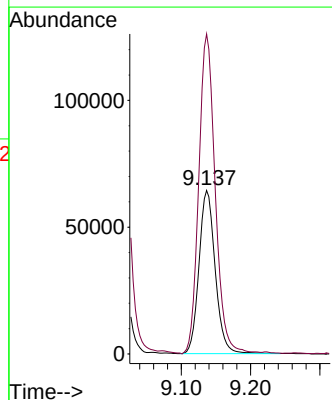
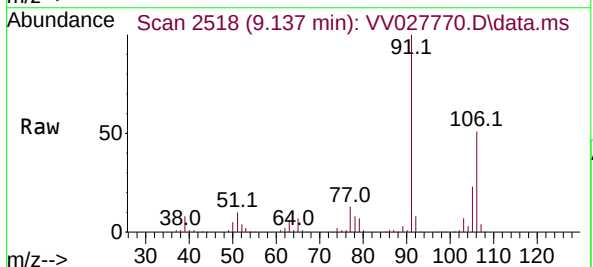
Acq: 07 Sep 2022 02:59

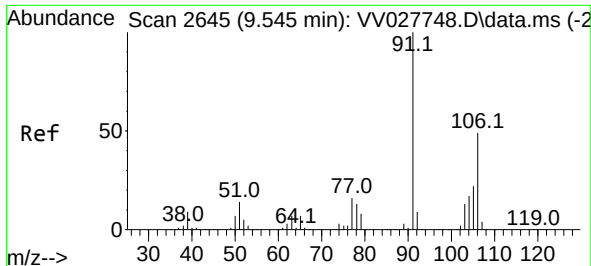
Tgt Ion: 106 Resp: 104418

Ion Ratio Lower Upper

106 100

91 195.6 142.4 264.4

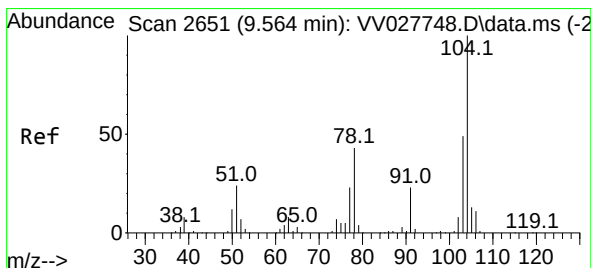
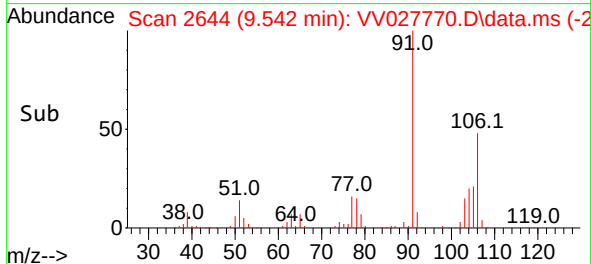
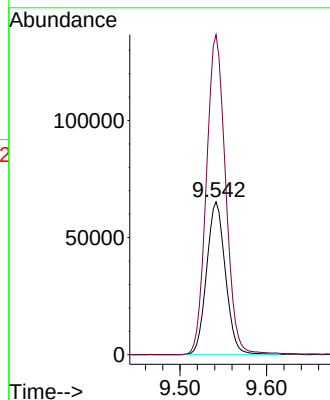
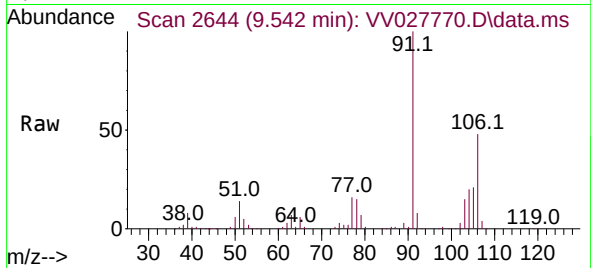




#54
o-Xylene
Concen: 5.296 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

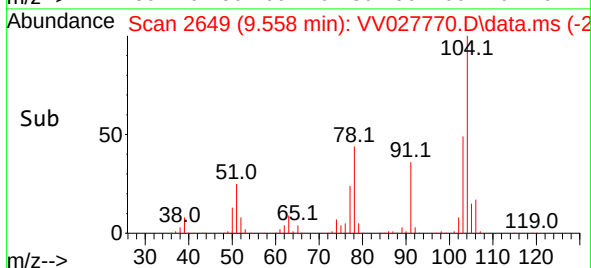
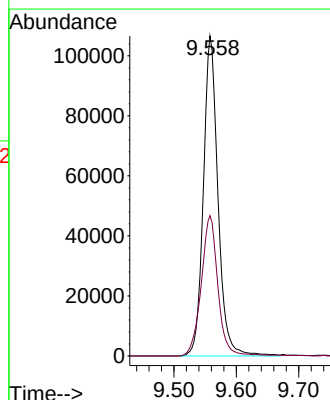
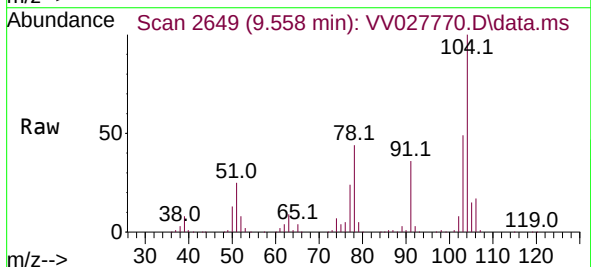
Instrument :
MSVOA_V
ClientSampleId :
VSTD005285

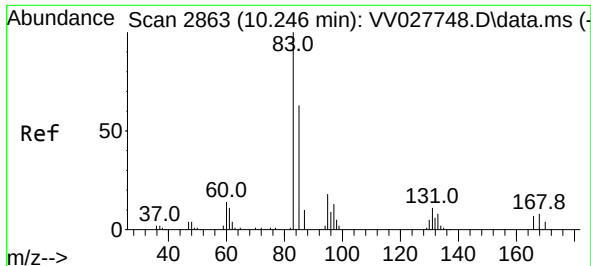
Tgt Ion:106 Resp: 98646
Ion Ratio Lower Upper
106 100
91 209.5 147.5 273.9



#55
Styrene
Concen: 5.405 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.006 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Tgt Ion:104 Resp: 174089
Ion Ratio Lower Upper
104 100
78 43.9 31.7 58.9

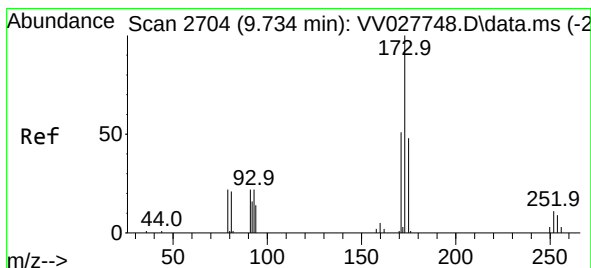
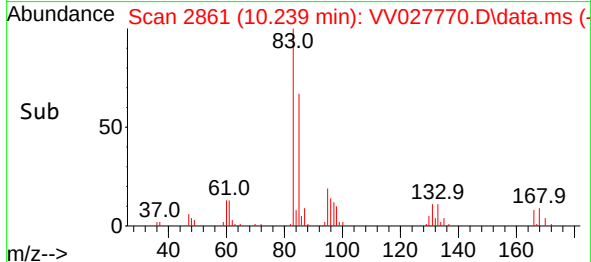
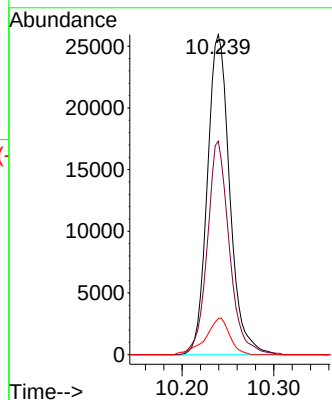
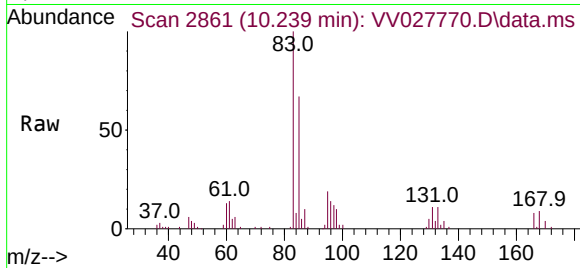




#57
1,1,2,2-Tetrachloroethane
Concen: 5.162 ug/L
RT: 10.239 min Scan# 2702
Delta R.T. -0.006 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

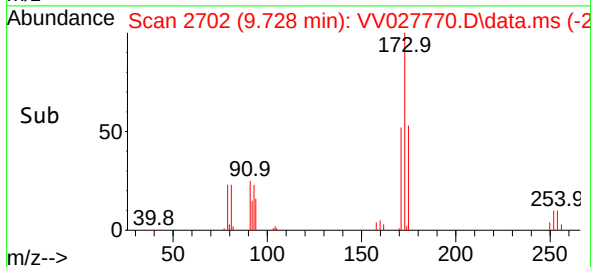
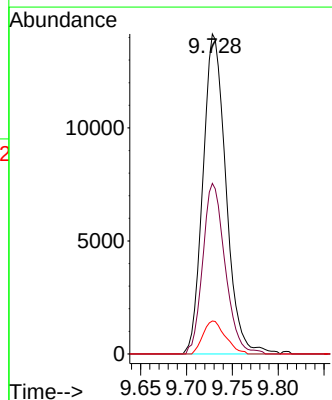
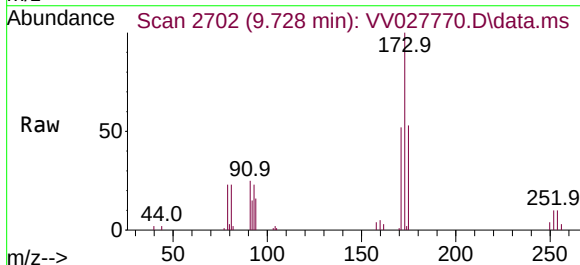
Instrument :
MSVOA_V
ClientSampleId :
VSTD005285

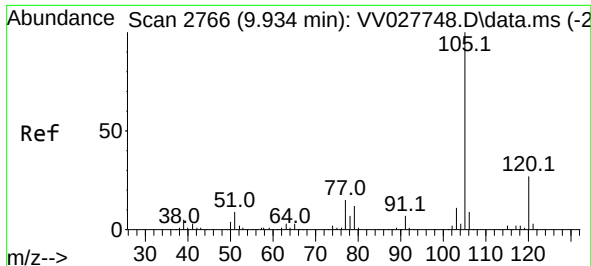
Tgt Ion: 83 Resp: 43986
Ion Ratio Lower Upper
83 100
85 66.7 44.7 83.1
131 11.3 8.5 12.7



#59
Bromoform
Concen: 4.946 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.006 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Tgt Ion: 173 Resp: 24692
Ion Ratio Lower Upper
173 100
175 51.8 38.4 57.6
254 10.0 6.8 10.2

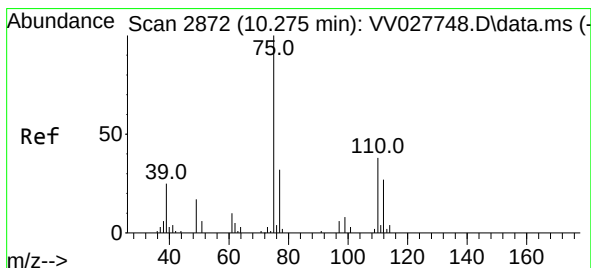
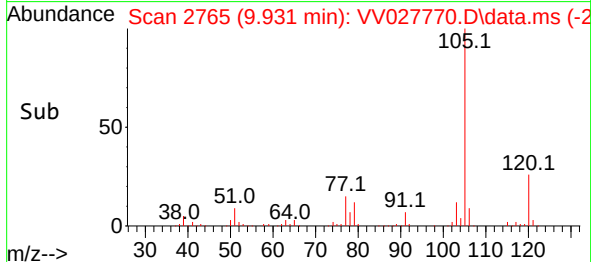
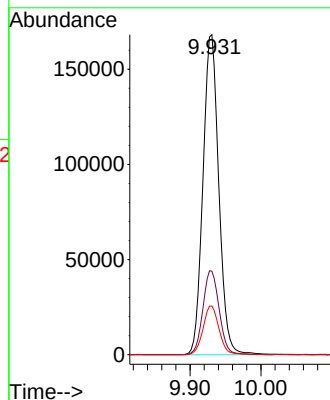
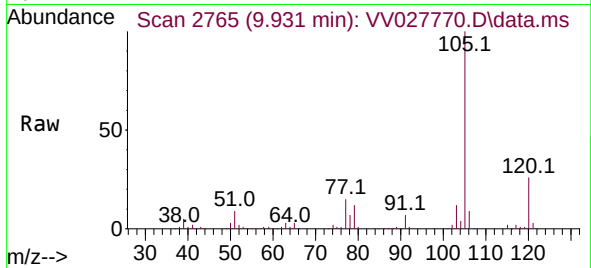




#60
Isopropylbenzene
Concen: 5.053 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

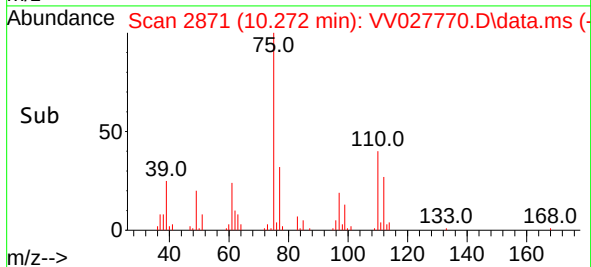
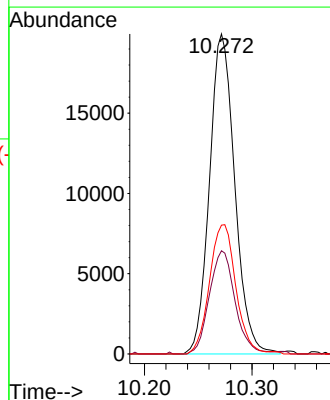
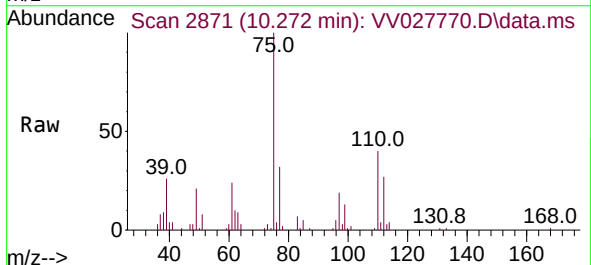
Instrument :
MSVOA_V
ClientSampleId :
VSTD005285

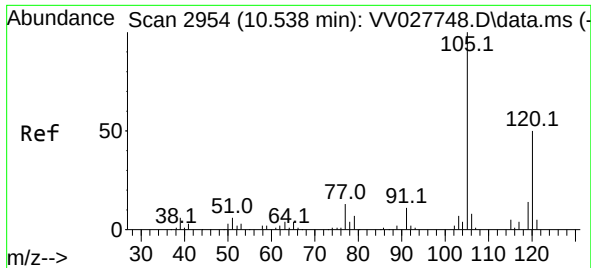
Tgt Ion:105 Resp: 260742
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 15.4 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.985 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Tgt Ion: 75 Resp: 32558
Ion Ratio Lower Upper
75 100
77 32.8 27.6 41.4
110 42.0 35.6 53.4

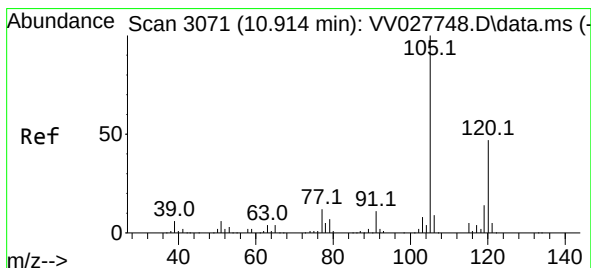
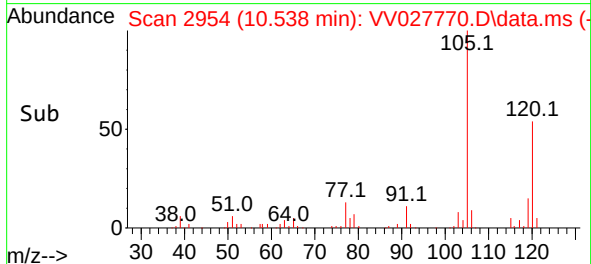
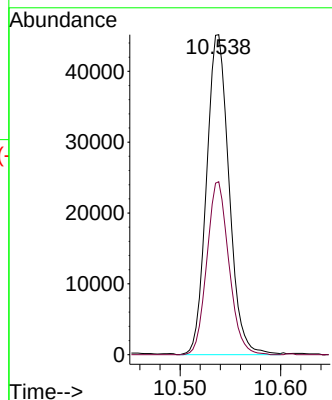
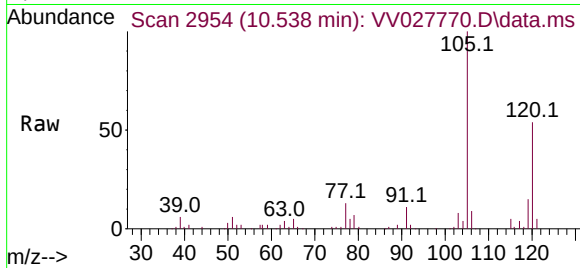




#62
 1,3,5-Trimethylbenzene
 Concen: 4.843 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027770.D
 Acq: 07 Sep 2022 02:59

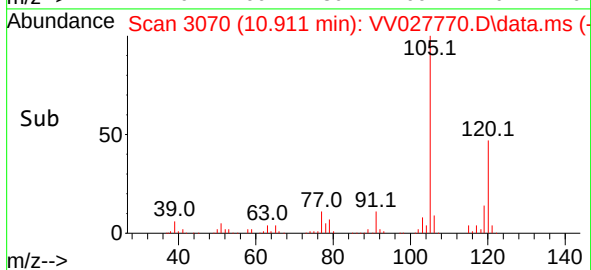
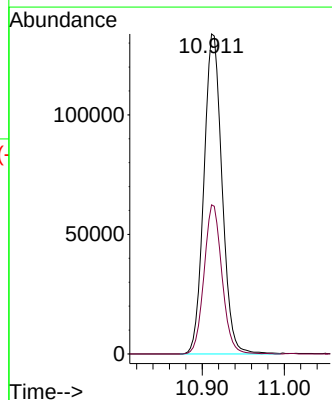
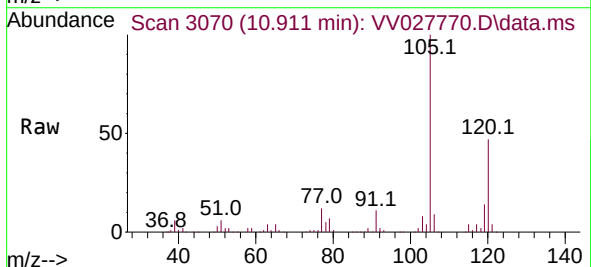
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005285

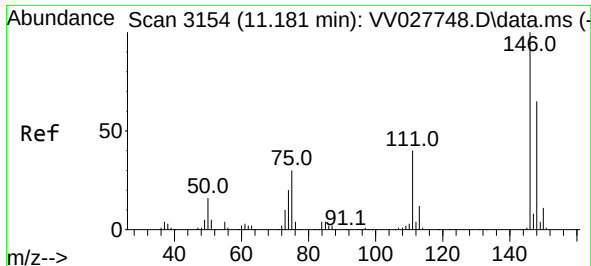
Tgt Ion:105 Resp: 70376
 Ion Ratio Lower Upper
 105 100
 120 52.8 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.973 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV027770.D
 Acq: 07 Sep 2022 02:59

Tgt Ion:105 Resp: 205449
 Ion Ratio Lower Upper
 105 100
 120 46.0 37.4 56.0

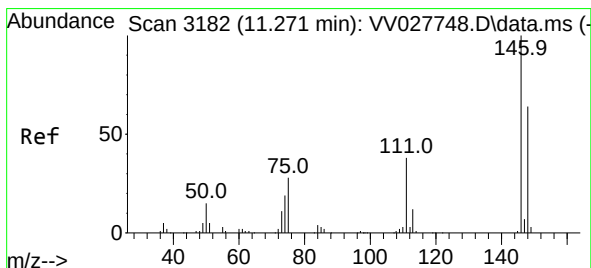
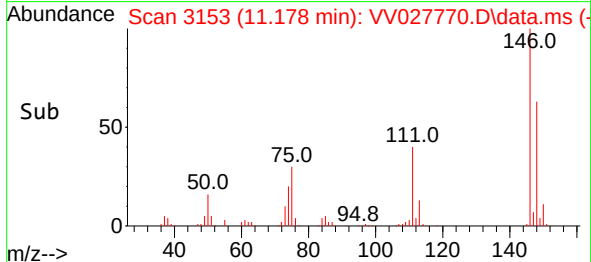
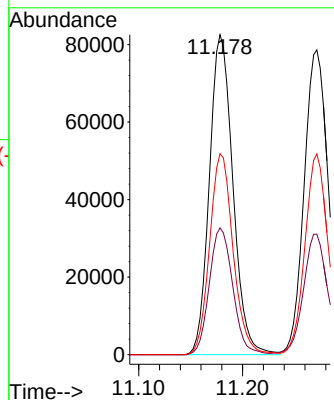
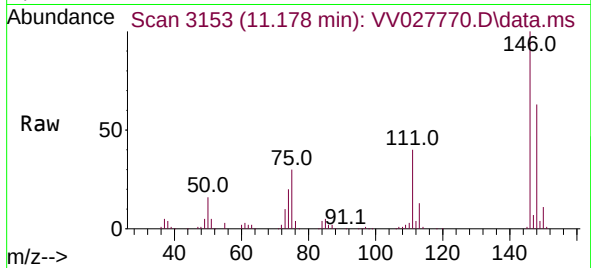




#64
1,3-Dichlorobenzene
Concen: 4.962 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

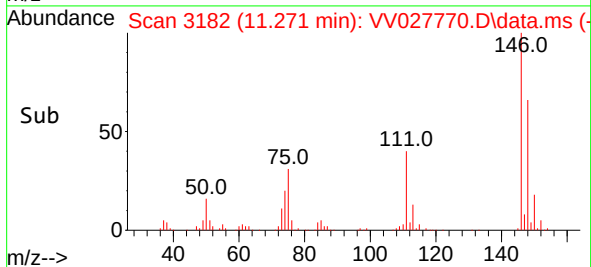
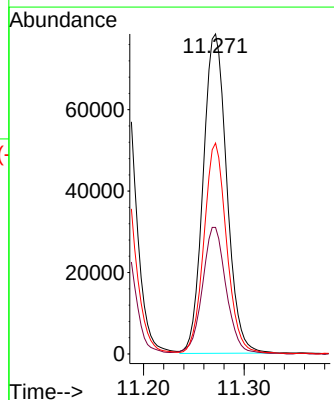
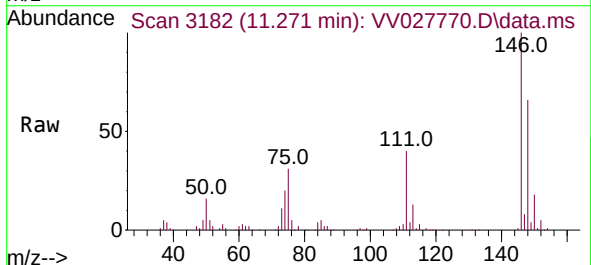
Instrument :
MSVOA_V
ClientSampleId :
VSTD005285

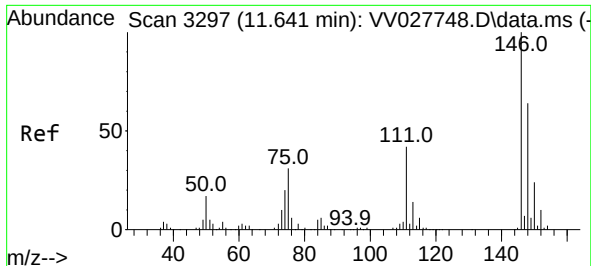
Tgt Ion:146 Resp: 129646
Ion Ratio Lower Upper
146 100
111 39.6 27.9 51.9
148 62.8 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 4.867 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Tgt Ion:146 Resp: 128145
Ion Ratio Lower Upper
146 100
111 39.5 26.5 49.3
148 65.9 42.8 79.4

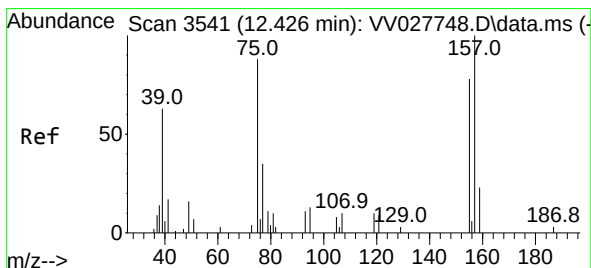
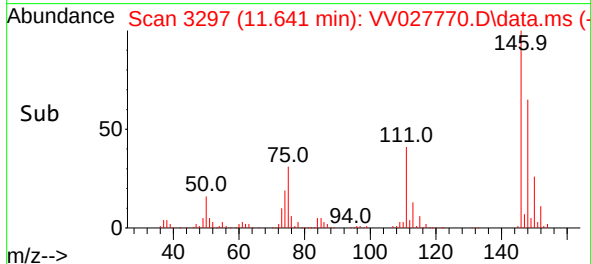
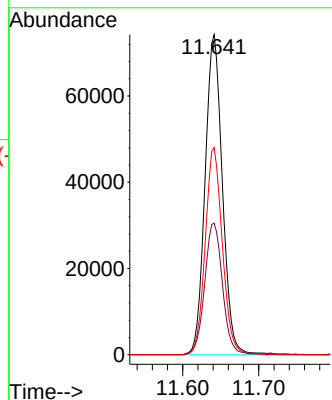
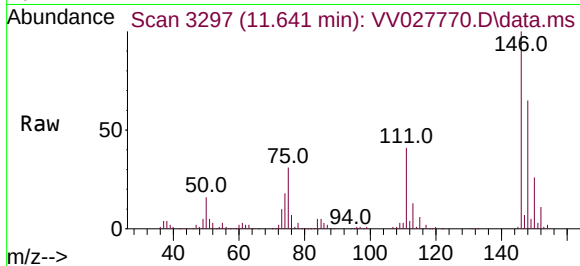




#67
 1,2-Dichlorobenzene
 Concen: 4.956 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV027770.D
 Acq: 07 Sep 2022 02:59

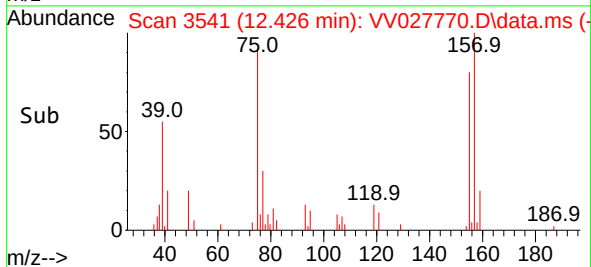
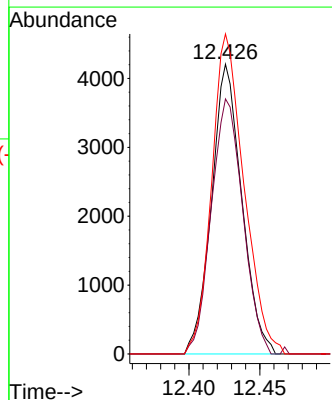
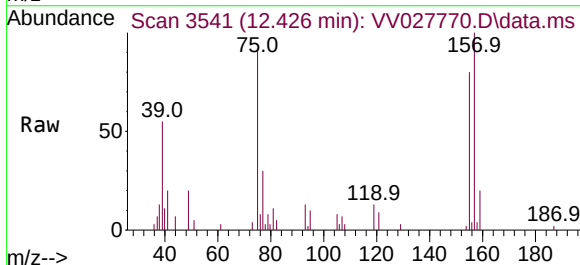
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005285

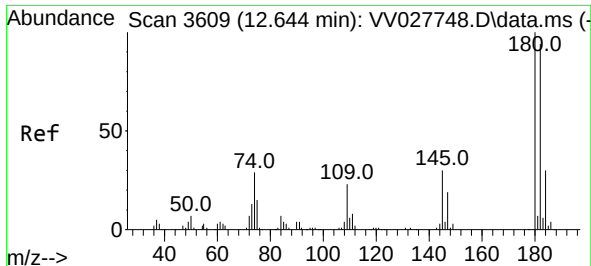
Tgt Ion:146 Resp: 117593
 Ion Ratio Lower Upper
 146 100
 111 41.1 33.1 49.7
 148 64.8 49.8 74.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.455 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV027770.D
 Acq: 07 Sep 2022 02:59

Tgt Ion: 75 Resp: 6246
 Ion Ratio Lower Upper
 75 100
 155 88.0 71.9 107.9
 157 110.5 95.1 142.7





#69

1,3,5-Trichlorobenzene

Concen: 4.863 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005285

Tgt Ion:180 Resp: 96257

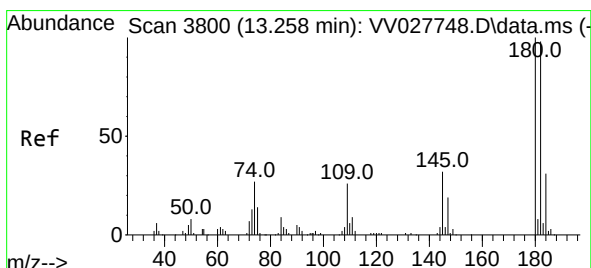
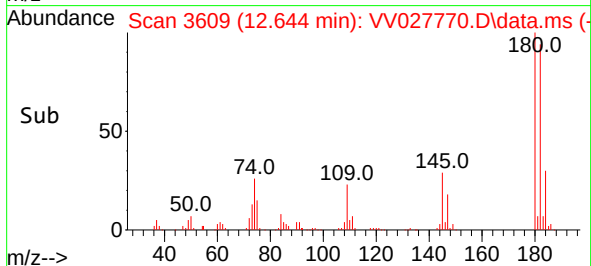
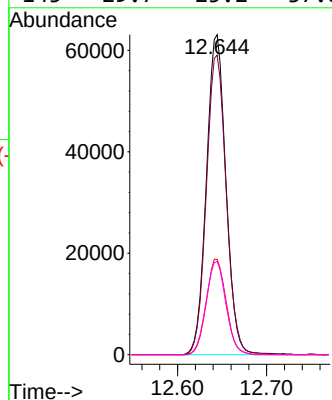
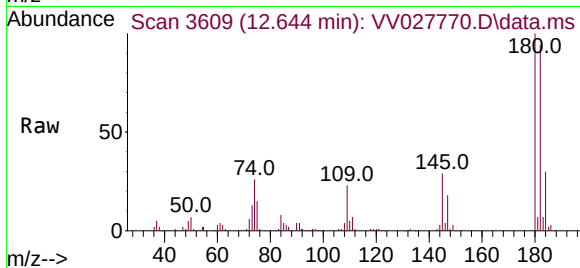
Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.8

184 30.2 23.8 35.6

145 29.7 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.636 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027770.D

Acq: 07 Sep 2022 02:59

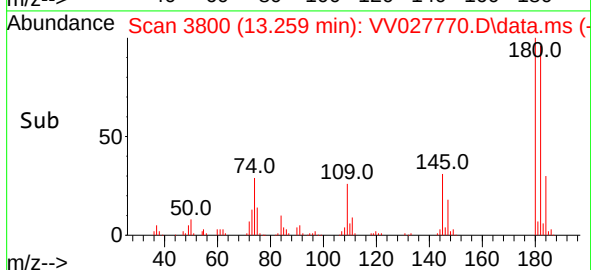
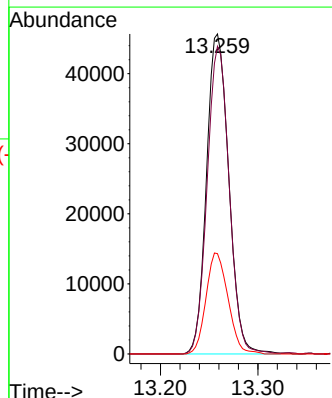
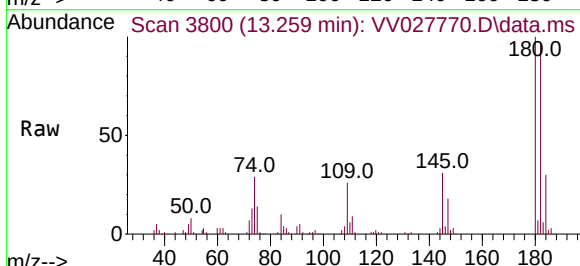
Tgt Ion:180 Resp: 72553

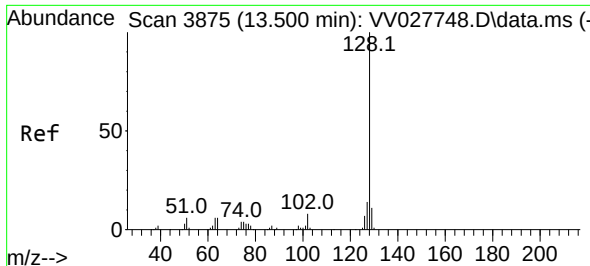
Ion Ratio Lower Upper

180 100

182 95.0 76.6 114.8

145 31.2 24.6 37.0

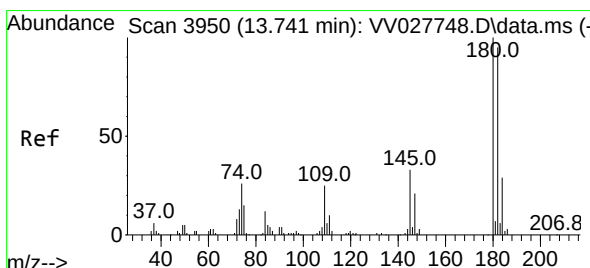
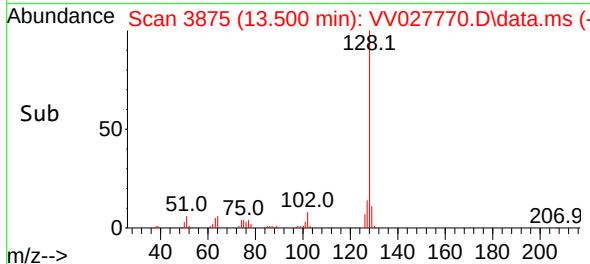
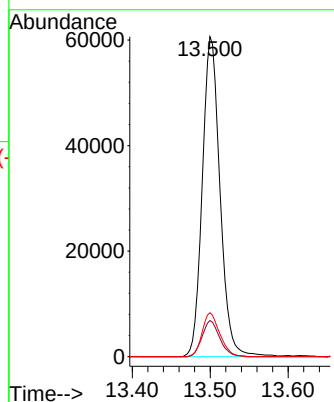
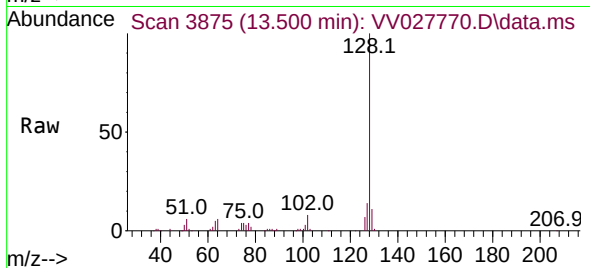




#71
Naphthalene
Concen: 3.891 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005285

Tgt Ion:128	Resp:	95670
Ion Ratio	Lower	Upper
128	100	
129	11.2	9.2 13.8
127	13.7	10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.725 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027770.D
Acq: 07 Sep 2022 02:59

Tgt Ion:180	Resp:	65884
Ion Ratio	Lower	Upper
180	100	
182	94.5	76.5 114.7
145	32.7	26.5 39.7

