

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090722\
 Data File : VW027772.D
 Acq On : 07 Sep 2022 10:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005286

Quant Time: Sep 08 07:53:50 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	5.613	114	151461	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	146951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52362	5.245	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.800%		
7) Chloroethane-d5	1.565	69	46624	5.505	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.200%		
11) 1,1-Dichloroethene-d2	2.105	63	111363	5.257	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.200%		
20) 2-Butanone-d5	3.896	46	44342	20.041	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	= 40.080%		
24) Chloroform-d	4.343	84	113555	5.555	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.000%		
26) 1,2-Dichloroethane-d4	5.027	65	52902	4.859	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.200%		
32) Benzene-d6	5.043	84	206979	4.855	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	= 97.000%		
36) 1,2-Dichloropropane-d6	6.066	67	55661	4.459	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 89.200%		
41) Toluene-d8	7.310	98	192191	5.361	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.200%		
43) trans-1,3-Dichloroprop...	7.619	79	21186	5.059	ug/L	-0.02
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.200%		
46) 2-Hexanone-d5	8.088	63	74793	48.051	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	= 96.100%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37162	4.636	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 92.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	63430	4.799	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 96.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	93179	6.267	ug/L	100
3) Chloromethane	1.240	50	79643	5.883	ug/L	99
5) Vinyl chloride	1.307	62	80931	5.935	ug/L	99
6) Bromomethane	1.520	94	42750	5.820	ug/L	97
8) Chloroethane	1.581	64	48587	6.205	ug/L	98
9) Trichlorofluoromethane	1.748	101	140412	6.355	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	64521	5.991	ug/L	98
12) 1,1-Dichloroethene	2.114	96	59936	5.971	ug/L	91
13) Acetone	2.175	43	34144	20.711	ug/L	99
14) Carbon disulfide	2.288	76	175661	5.893	ug/L	99
15) Methyl Acetate	2.436	43	12858	2.941	ug/L #	77
16) Methylene chloride	2.503	84	65510	5.068	ug/L	91
17) Methyl tert-butyl Ether	2.767	73	120241	5.047	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	61633	5.814	ug/L	94
19) 1,1-Dichloroethane	3.185	63	114716	5.767	ug/L	99
21) 2-Butanone	3.979	43	94189	40.474	ug/L	92
22) cis-1,2-Dichloroethene	3.905	96	61292	5.305	ug/L #	88
23) Bromochloromethane	4.243	128	27957	5.762	ug/L	86
25) Chloroform	4.368	83	129343	5.860	ug/L	100

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 Data File : VV027772.D
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 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005286

Quant Time: Sep 08 07:53:50 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

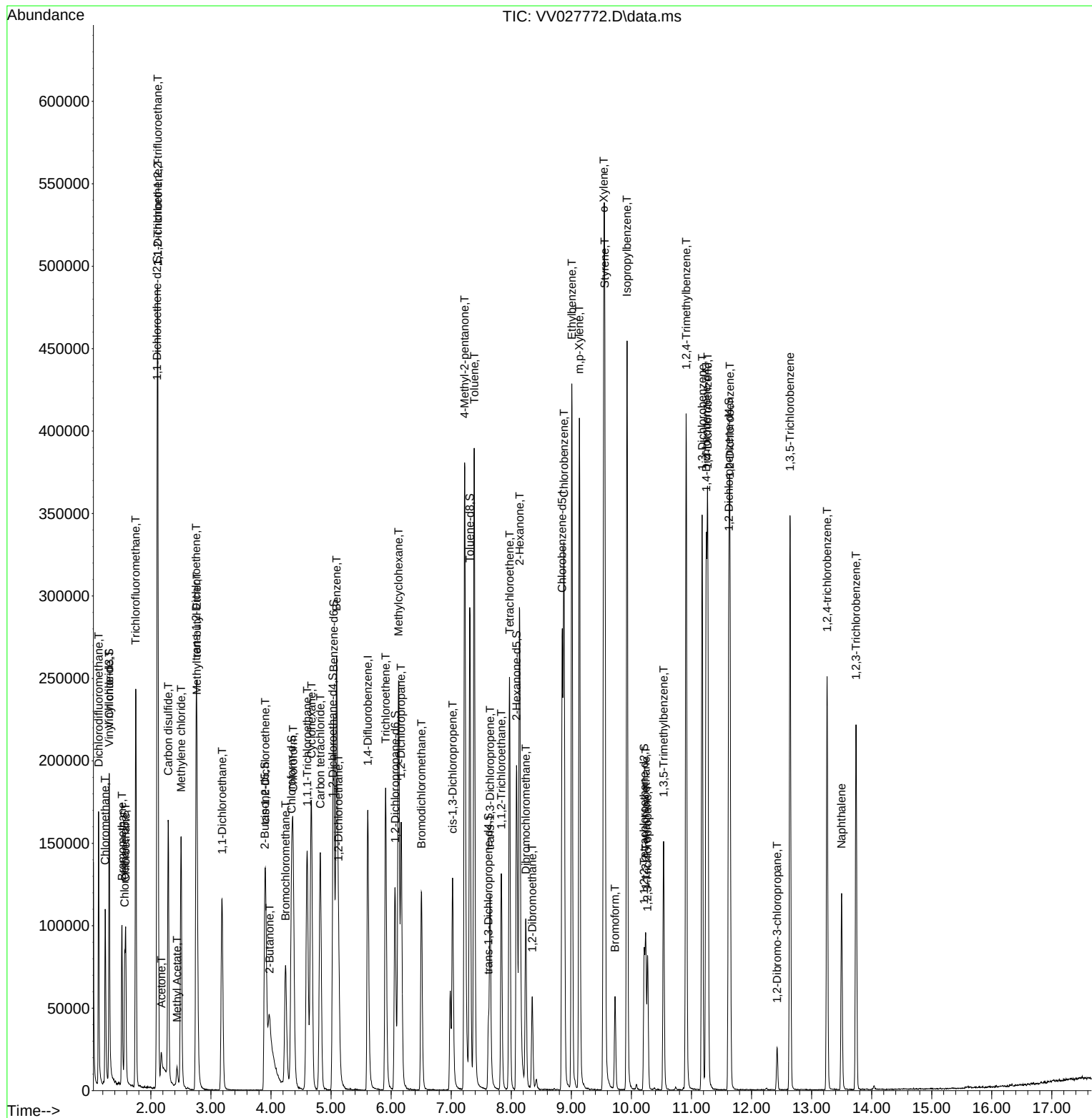
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	74244	5.548	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	121002	5.354	ug/L	98
30) Cyclohexane	4.674	56	87749	4.724	ug/L	97
31) Carbon tetrachloride	4.822	117	110273	5.742	ug/L	100
33) Benzene	5.092	78	261950	5.397	ug/L	100
34) Trichloroethene	5.908	95	62988	5.185	ug/L	93
35) Methylcyclohexane	6.124	83	100100	5.366	ug/L	96
37) 1,2-Dichloropropane	6.166	63	56725	4.925	ug/L	98
38) Bromodichloromethane	6.506	83	81059	5.308	ug/L	96
39) cis-1,3-Dichloropropene	7.024	75	78883	5.425	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	256317	49.102	ug/L	96
42) Toluene	7.384	91	281079	5.979	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	67747	5.551	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	40544	5.433	ug/L	97
47) Tetrachloroethene	7.973	164	57226	5.870	ug/L	97
48) 2-Hexanone	8.140	43	192761	50.793	ug/L	97
49) Dibromochloromethane	8.243	129	50799	5.362	ug/L	96
50) 1,2-Dibromoethane	8.349	107	36260	5.373	ug/L	100
51) Chlorobenzene	8.876	112	176267	5.778	ug/L	99
52) Ethylbenzene	9.008	91	284847	5.842	ug/L	100
53) m,p-Xylene	9.133	106	118014	6.154	ug/L	100
54) o-Xylene	9.542	106	106062	5.802	ug/L	98
55) Styrene	9.558	104	186905	5.912	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41719	4.988	ug/L	99
59) Bromoform	9.728	173	26023	5.343	ug/L	98
60) Isopropylbenzene	9.928	105	289602	5.753	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	30894	4.849	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	80941	5.709	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	226446	5.619	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	141108	5.536	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	138412	5.388	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	123718	5.345	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6694	4.894	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	107574	5.570	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	78189	5.121	ug/L	99
71) Naphthalene	13.500	128	96145	4.009	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	67192	4.939	ug/L	99

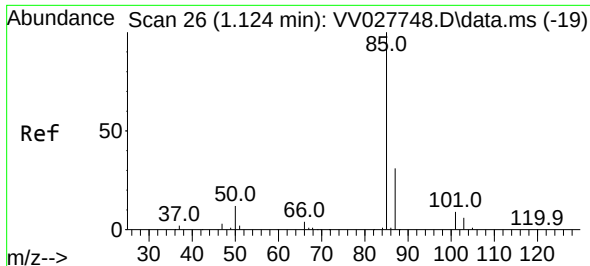
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 Data File : VV027772.D
 Acq On : 07 Sep 2022 10:27
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005286

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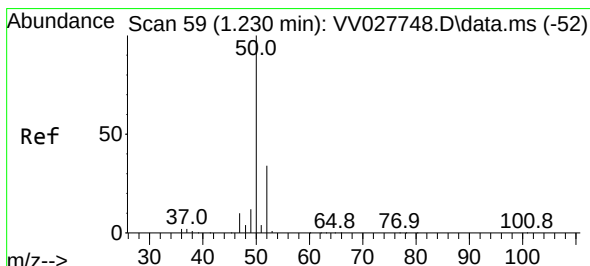
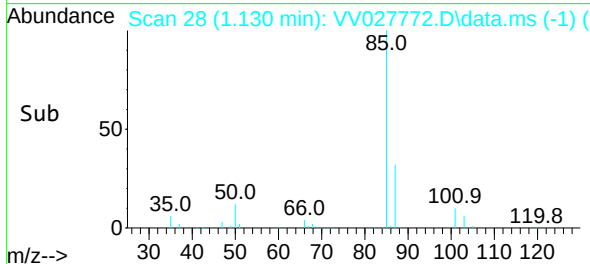
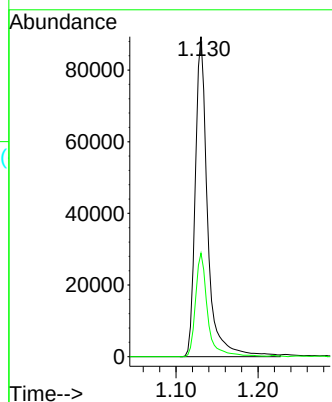
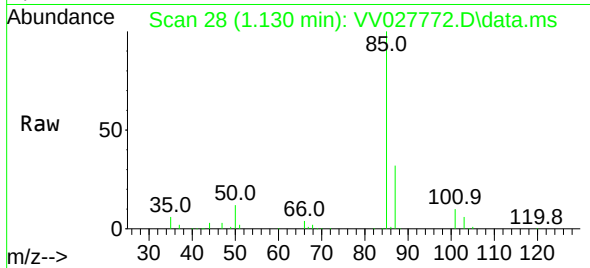




#2
 Dichlorodifluoromethane
 Concen: 6.267 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV027772.D
 Acq: 07 Sep 2022 10:27

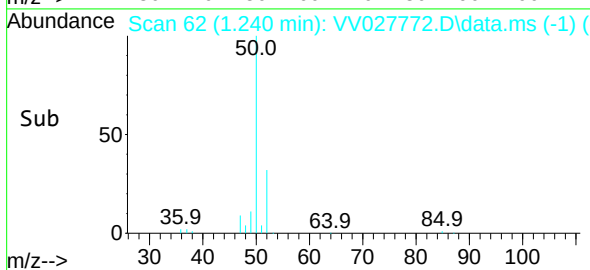
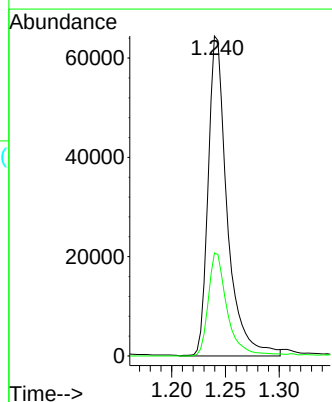
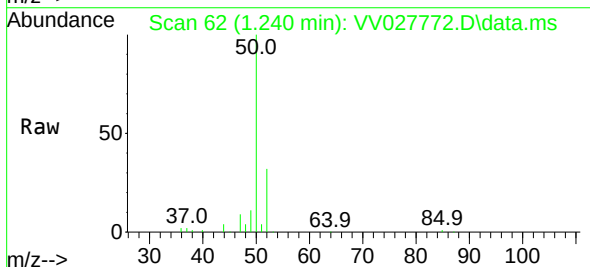
Instrument :
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 ClientSampleId :
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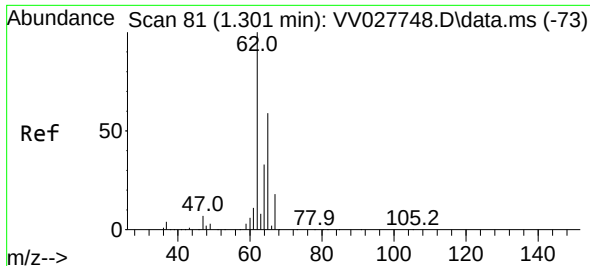
Tgt Ion: 85 Resp: 93179
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.4 38.0



#3
 Chloromethane
 Concen: 5.883 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV027772.D
 Acq: 07 Sep 2022 10:27

Tgt Ion: 50 Resp: 79643
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.1 41.1

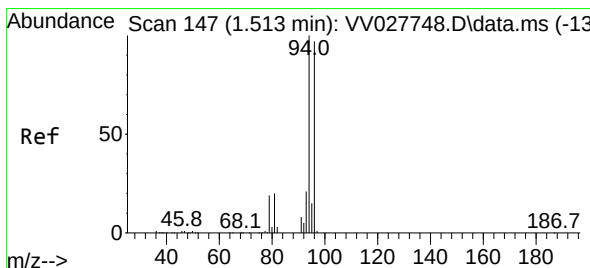
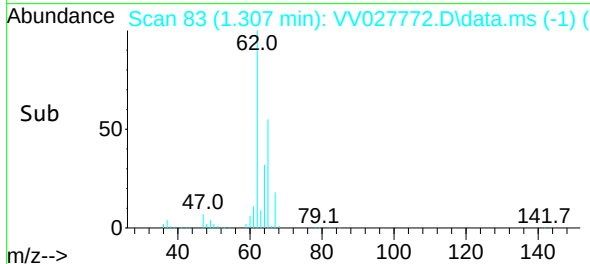
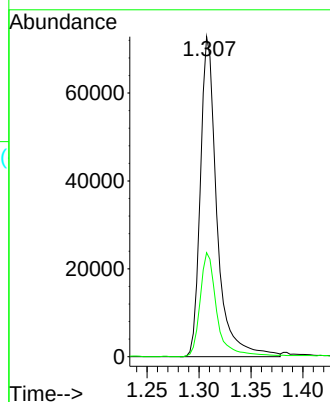
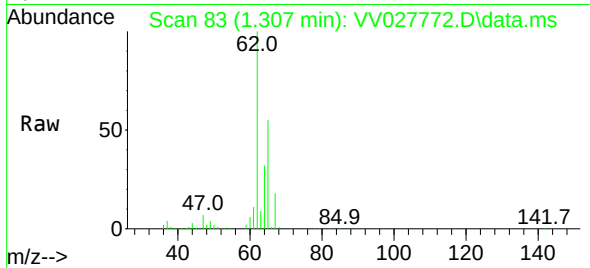




#5
 Vinyl chloride
 Concen: 5.935 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VV027772.D
 Acq: 07 Sep 2022 10:27

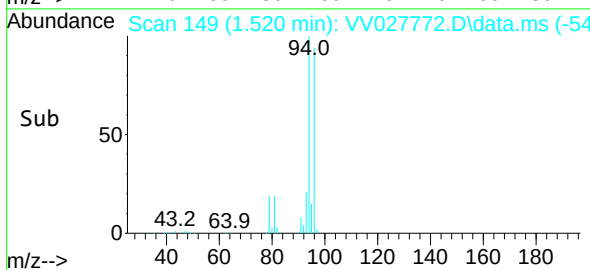
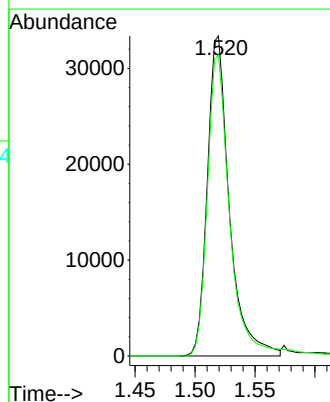
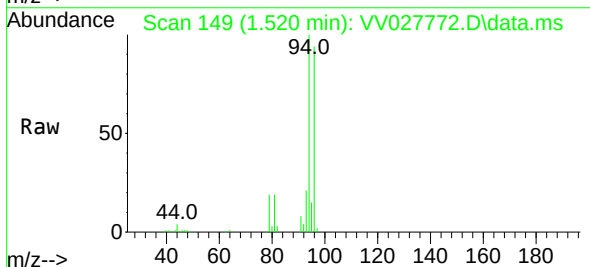
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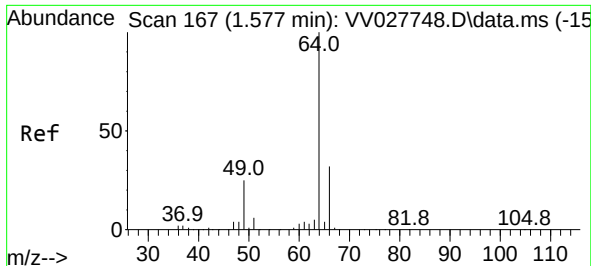
Tgt Ion: 62 Resp: 80931
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.2



#6
 Bromomethane
 Concen: 5.820 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.007 min
 Lab File: VV027772.D
 Acq: 07 Sep 2022 10:27

Tgt Ion: 94 Resp: 42750
 Ion Ratio Lower Upper
 94 100
 96 94.1 64.2 119.2





#8

Chloroethane

Concen: 6.205 ug/L

RT: 1.581 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

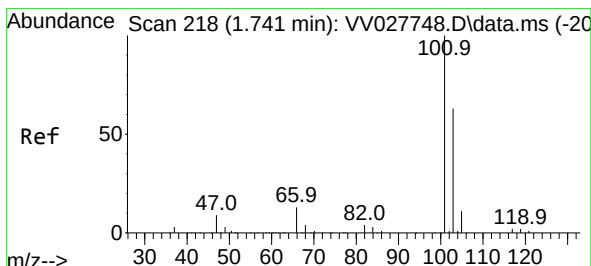
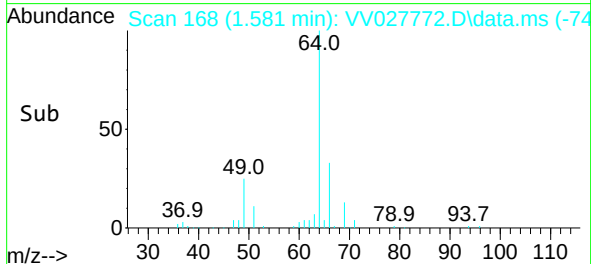
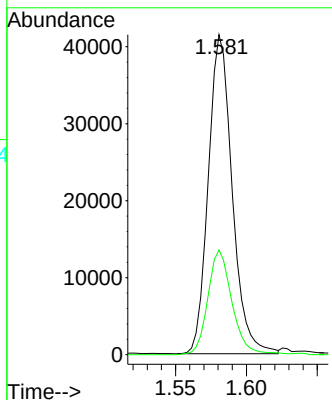
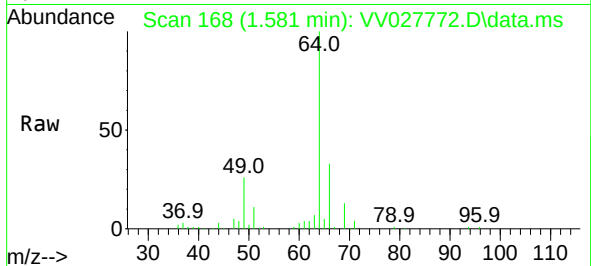
VSTD005286

Tgt Ion: 64 Resp: 48587

Ion Ratio Lower Upper

64 100

66 32.7 22.1 41.1



#9

Trichlorofluoromethane

Concen: 6.355 ug/L

RT: 1.748 min Scan# 220

Delta R.T. 0.007 min

Lab File: VV027772.D

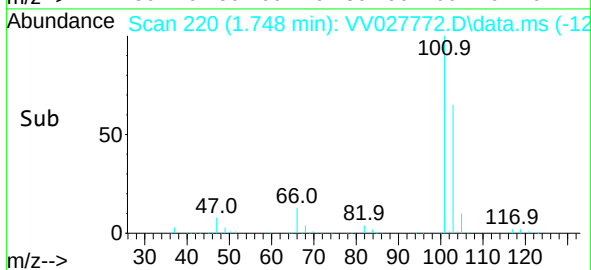
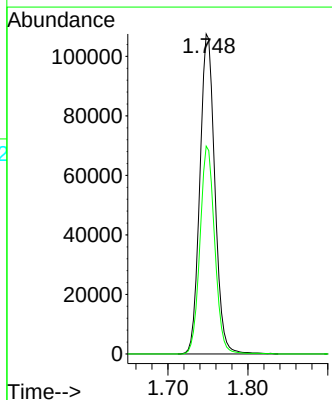
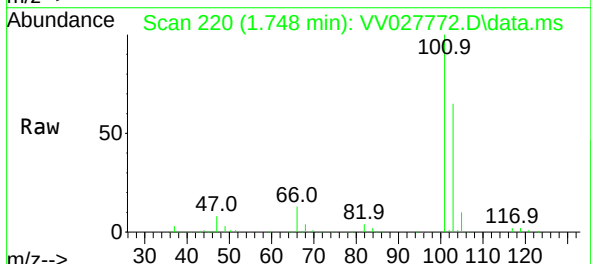
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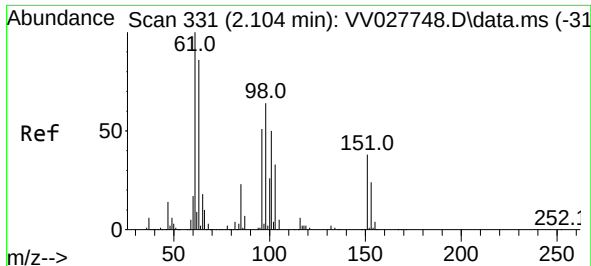
Tgt Ion:101 Resp: 140412

Ion Ratio Lower Upper

101 100

103 63.9 52.3 78.5

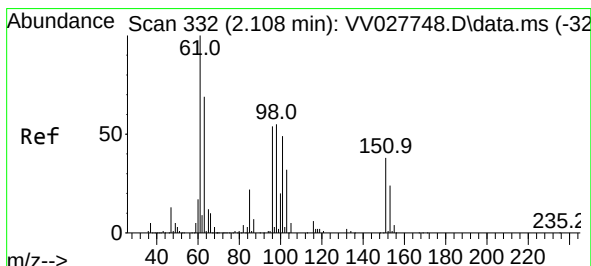
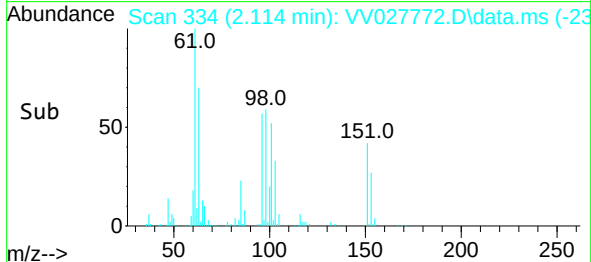
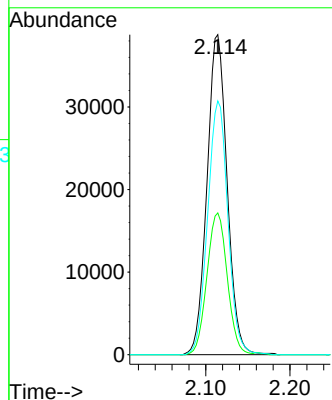
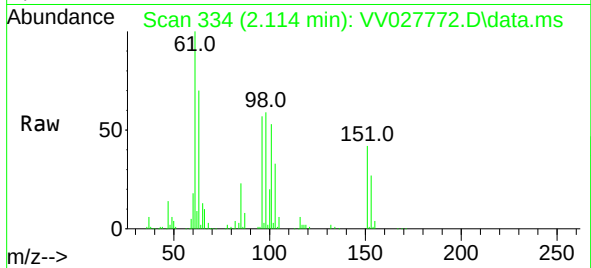




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.991 ug/L
RT: 2.114 min Scan# 331
Delta R.T. 0.010 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

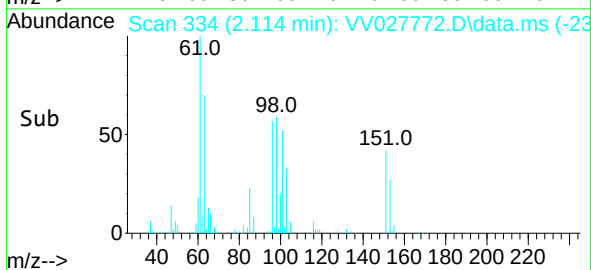
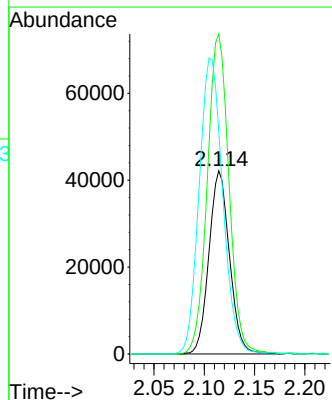
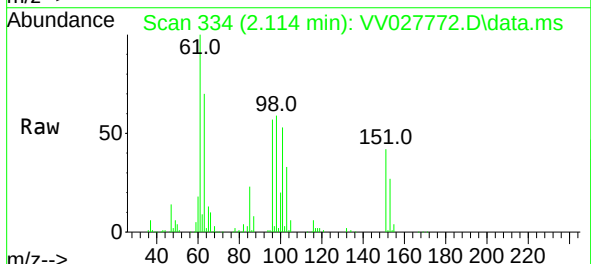
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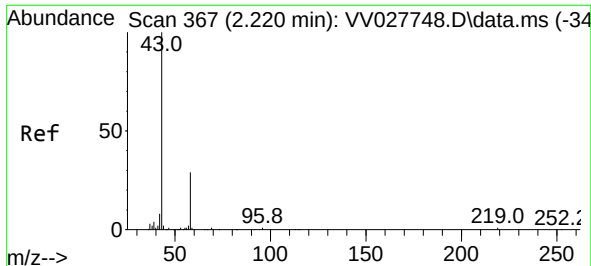
Tgt Ion:101 Resp: 64521
Ion Ratio Lower Upper
101 100
85 44.7 35.8 53.8
151 79.7 61.2 91.8



#12
1,1-Dichloroethene
Concen: 5.971 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.007 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Tgt Ion: 96 Resp: 59936
Ion Ratio Lower Upper
96 100
61 174.7 129.9 241.3
63 121.9 94.6 175.8

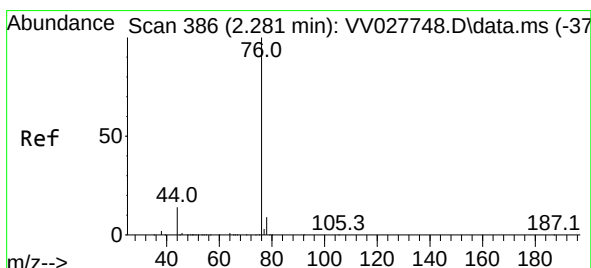
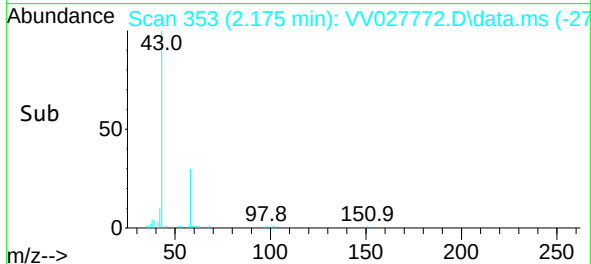
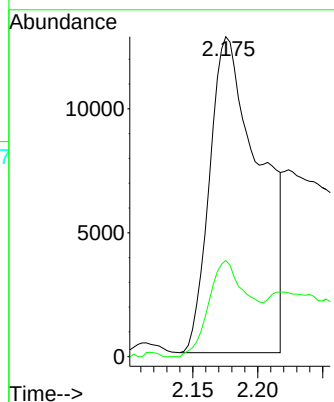
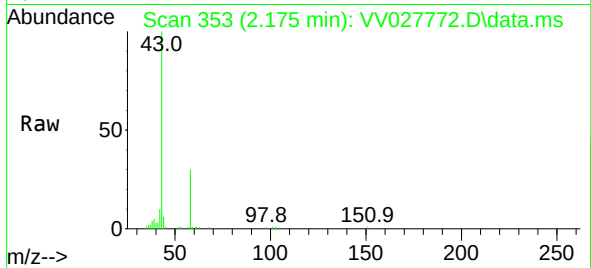




#13
Acetone
Concen: 20.711 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.045 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

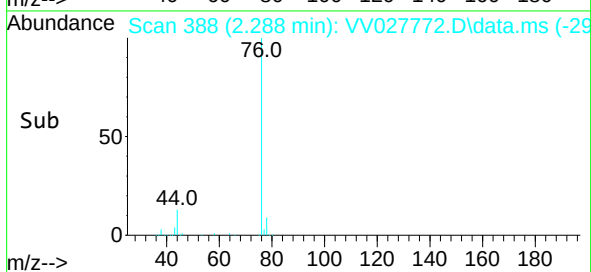
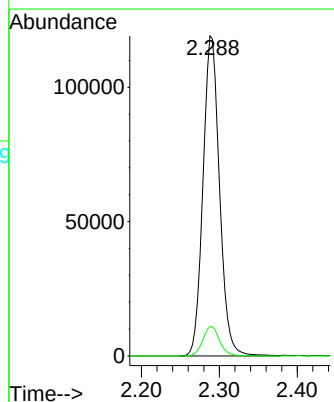
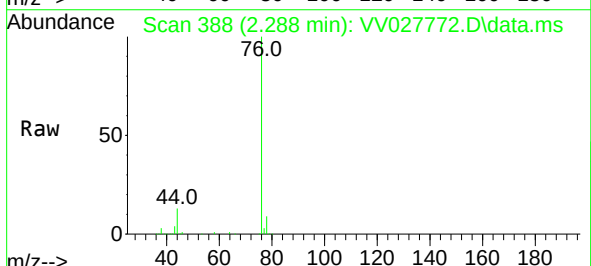
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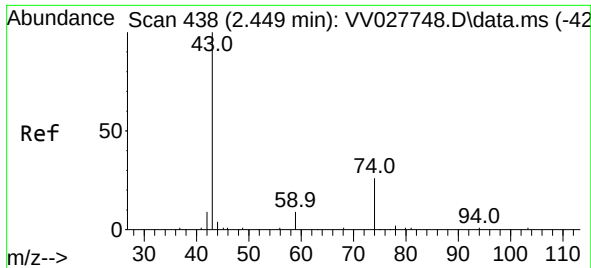
Tgt Ion: 43 Resp: 34144
Ion Ratio Lower Upper
43 100
58 25.0 0.0 49.4



#14
Carbon disulfide
Concen: 5.893 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.007 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Tgt Ion: 76 Resp: 175661
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

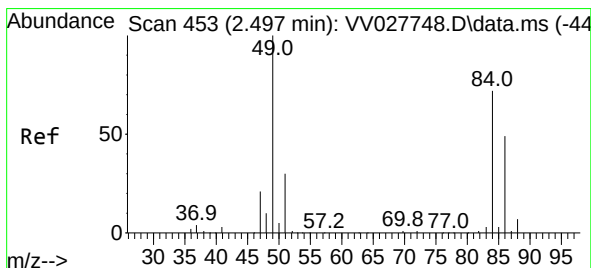
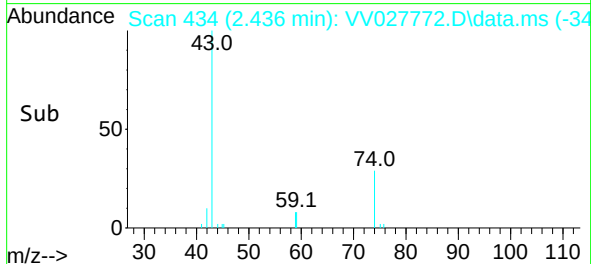
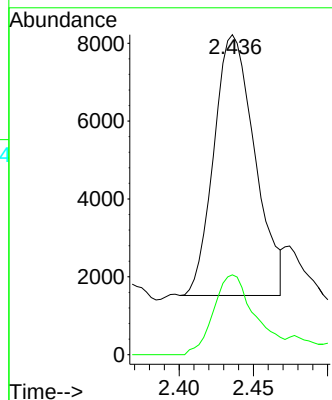
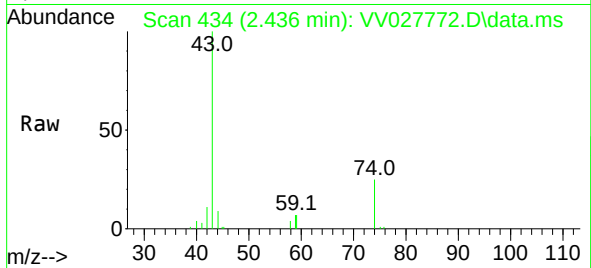




#15
Methyl Acetate
Concen: 2.941 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.013 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

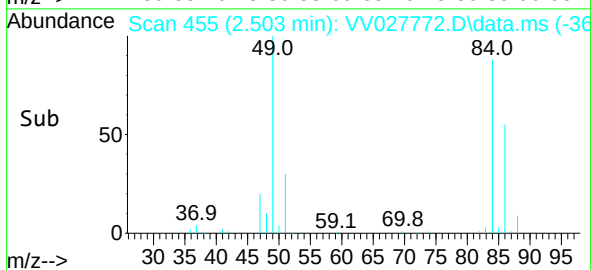
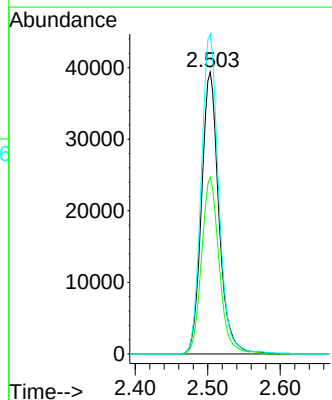
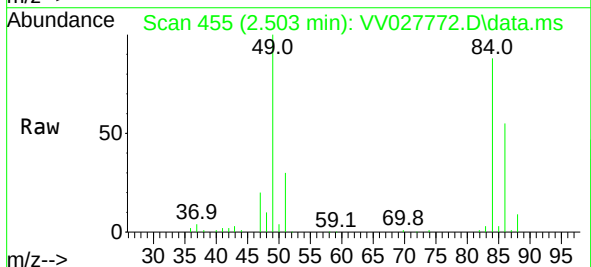
Instrument :
MSVOA_V
ClientSampleId :
VSTD005286

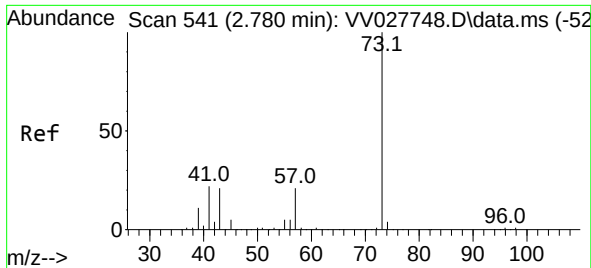
Tgt Ion: 43 Resp: 12858
Ion Ratio Lower Upper
43 100
74 31.3 16.6 25.0#



#16
Methylene chloride
Concen: 5.068 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.007 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Tgt Ion: 84 Resp: 65510
Ion Ratio Lower Upper
84 100
86 62.8 44.9 83.3
49 113.5 90.1 167.3

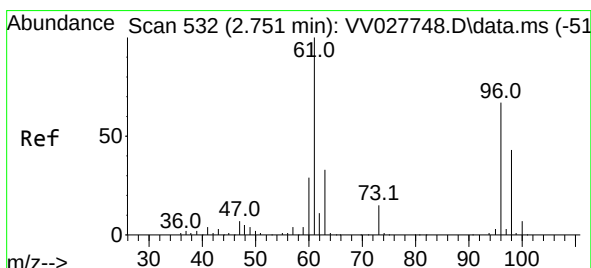
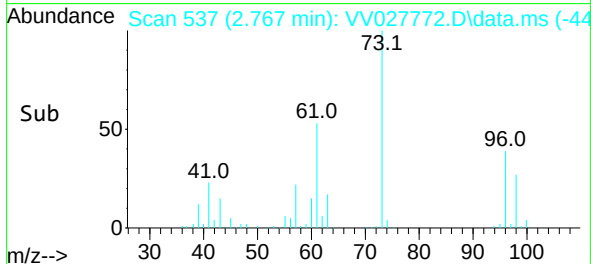
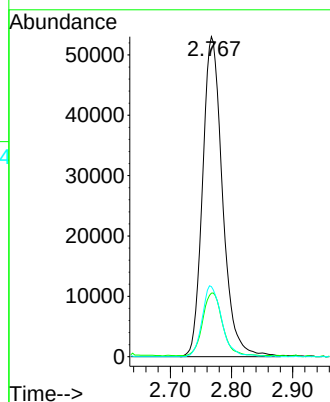
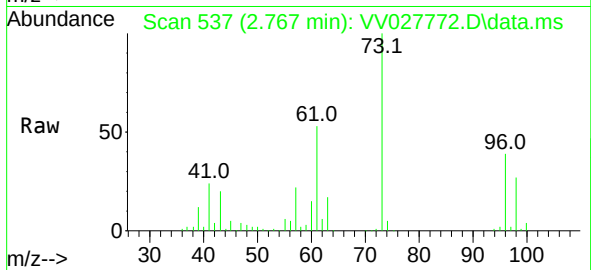




#17
Methyl tert-butyl Ether
Concen: 5.047 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.013 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

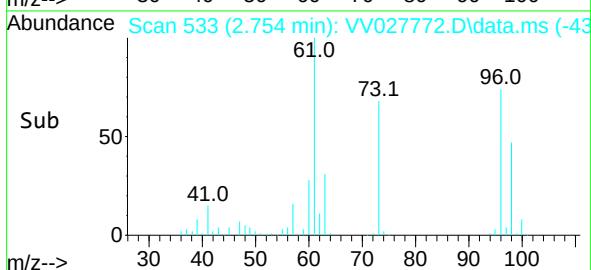
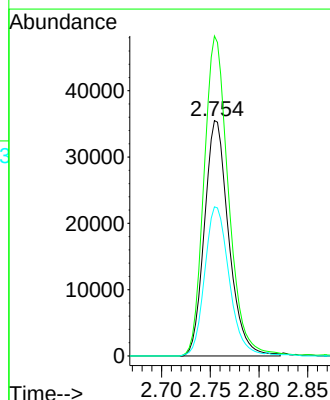
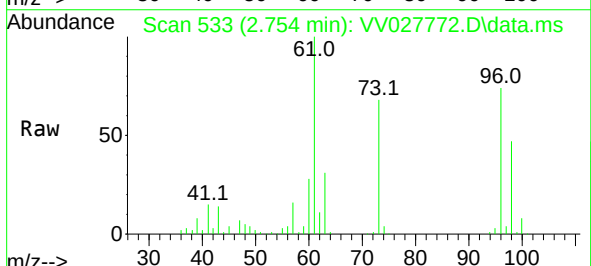
Instrument :
MSVOA_V
ClientSampleId :
VSTD005286

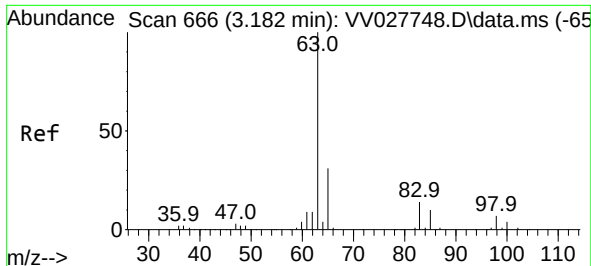
Tgt Ion:	73	Resp:	120241
Ion	Ratio	Lower	Upper
73	100		
43	19.7	17.5	26.3
57	21.6	16.9	25.3



#18
trans-1,2-Dichloroethene
Concen: 5.814 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Tgt Ion:	96	Resp:	61633
Ion	Ratio	Lower	Upper
96	100		
61	136.0	102.6	190.5
98	63.4	44.0	81.8





#19

1,1-Dichloroethane

Concen: 5.767 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD005286

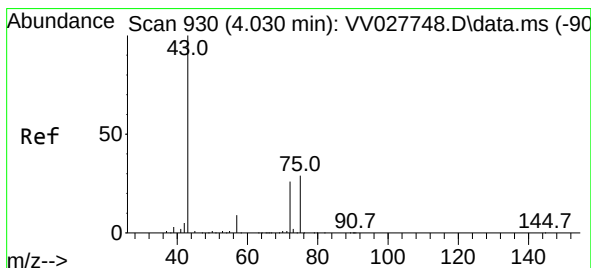
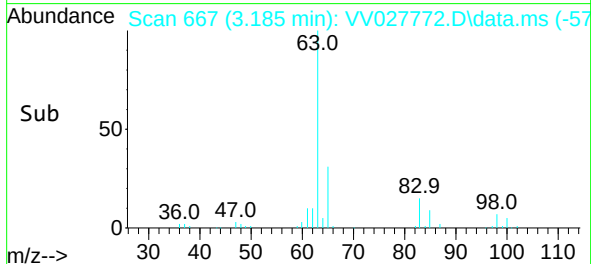
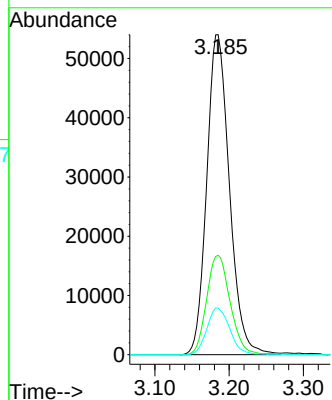
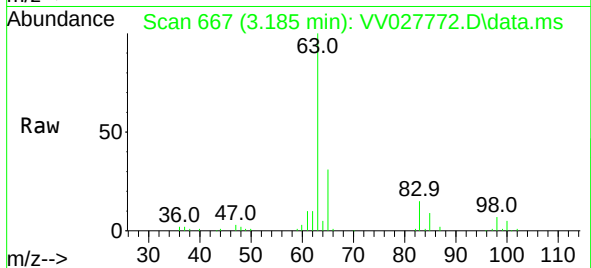
Tgt Ion: 63 Resp: 114716

Ion Ratio Lower Upper

63 100

65 31.0 22.0 41.0

83 14.6 10.1 18.9



#21

2-Butanone

Concen: 40.474 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.051 min

Lab File: VV027772.D

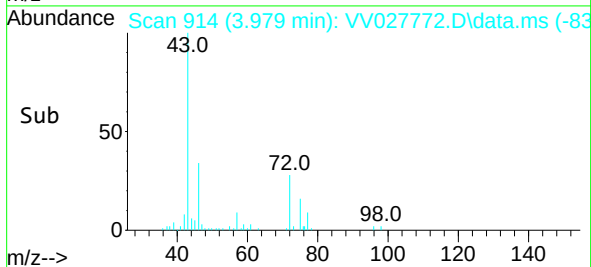
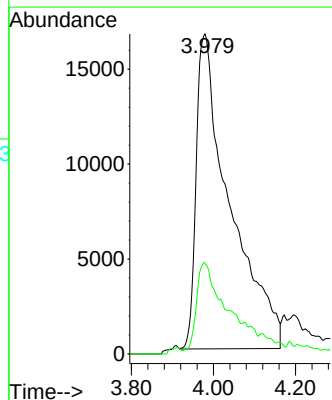
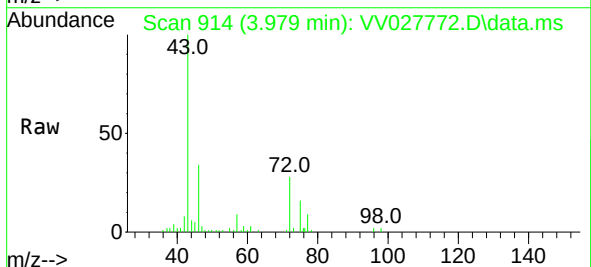
Acq: 07 Sep 2022 10:27

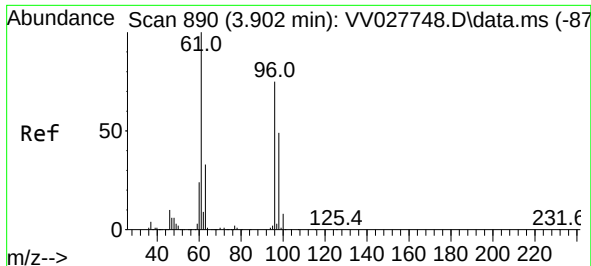
Tgt Ion: 43 Resp: 94189

Ion Ratio Lower Upper

43 100

72 22.0 13.0 39.0

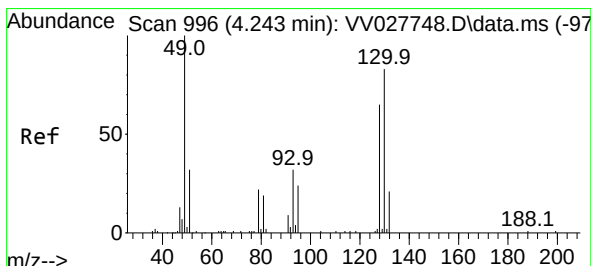
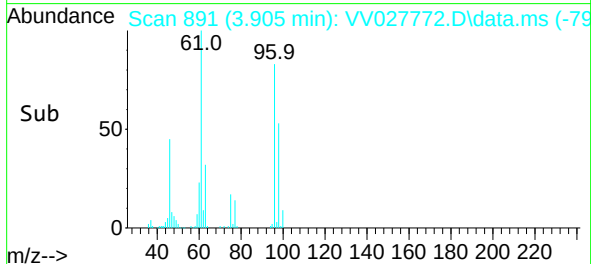
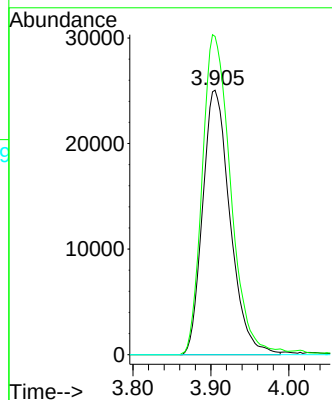
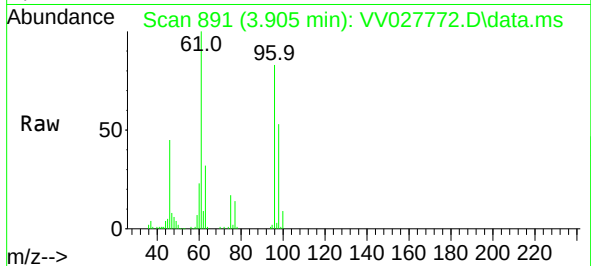




#22
 cis-1,2-Dichloroethene
 Concen: 5.305 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027772.D
 Acq: 07 Sep 2022 10:27

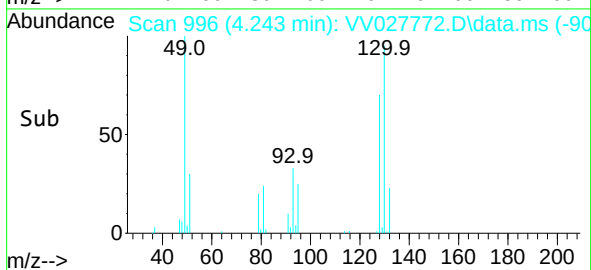
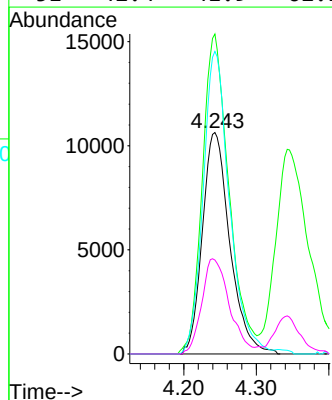
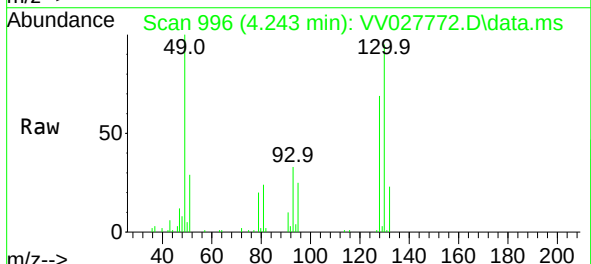
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005286

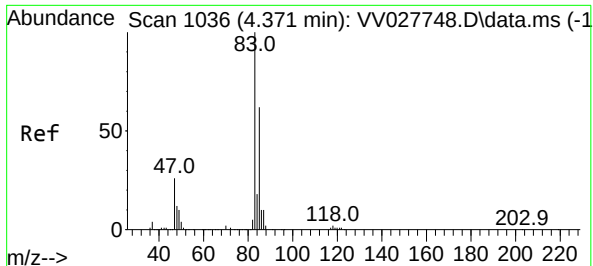
Tgt Ion: 96 Resp: 61292
 Ion Ratio Lower Upper
 96 100
 61 120.3 94.6 175.6
 68 0.0 0.3 0.5#



#23
 Bromochloromethane
 Concen: 5.762 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV027772.D
 Acq: 07 Sep 2022 10:27

Tgt Ion:128 Resp: 27957
 Ion Ratio Lower Upper
 128 100
 49 144.5 118.4 219.8
 130 136.6 89.2 165.6
 51 42.4 41.9 62.9





#25

Chloroform

Concen: 5.860 ug/L

RT: 4.368 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

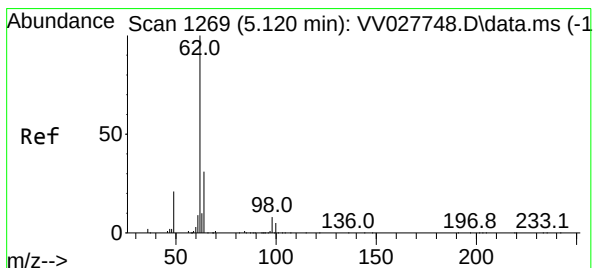
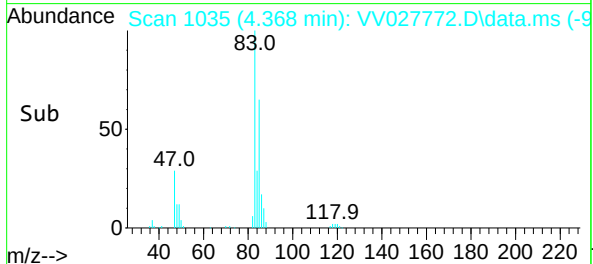
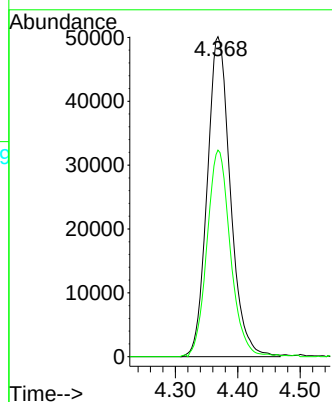
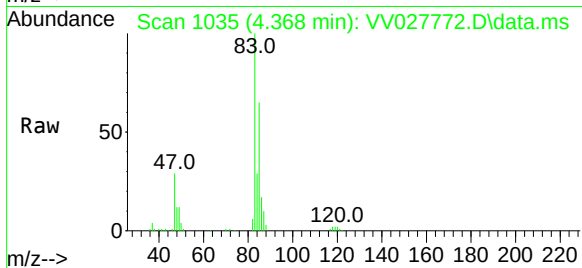
VSTD005286

Tgt Ion: 83 Resp: 129343

Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.548 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV027772.D

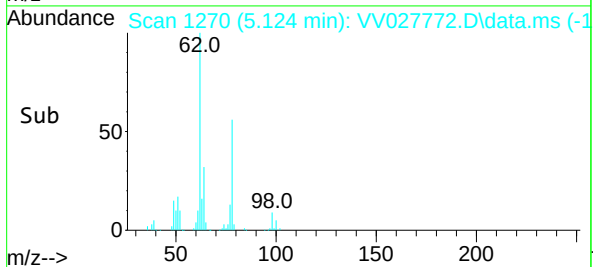
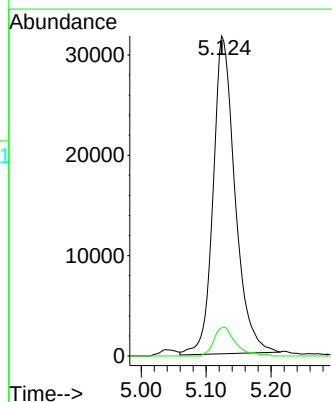
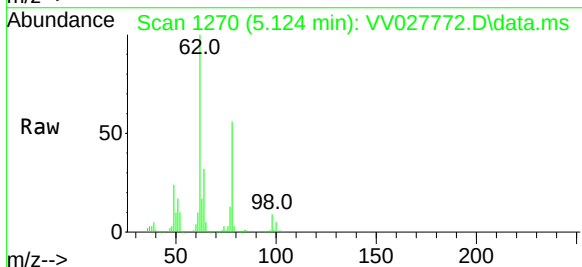
Acq: 07 Sep 2022 10:27

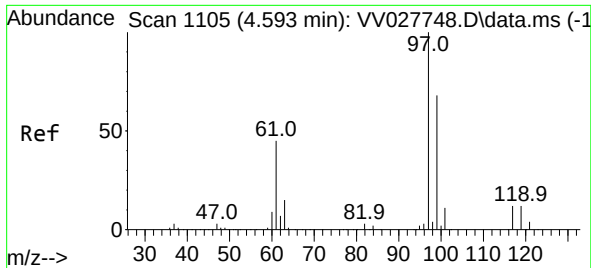
Tgt Ion: 62 Resp: 74244

Ion Ratio Lower Upper

62 100

98 8.8 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.354 ug/L

RT: 4.603 min Scan# 1105

Delta R.T. 0.010 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD005286

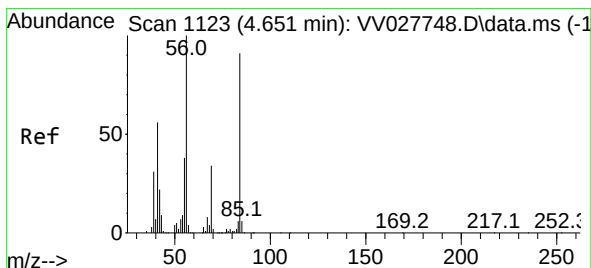
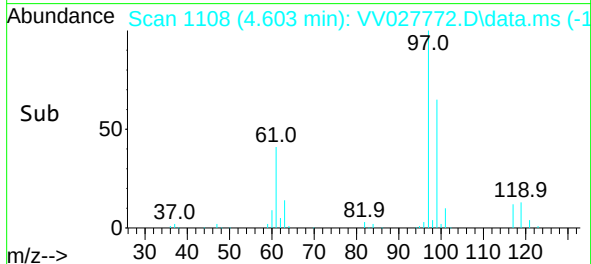
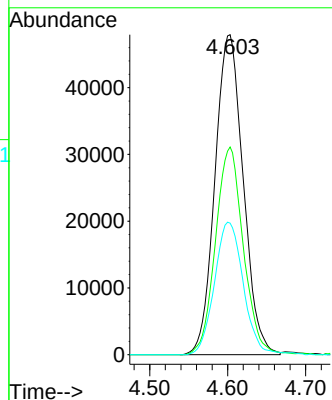
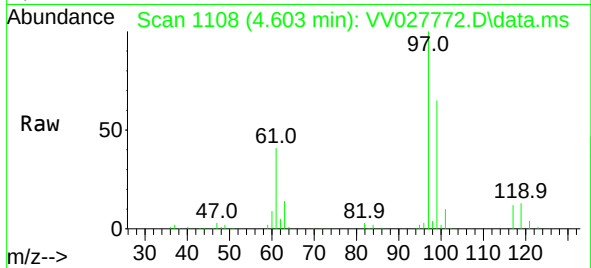
Tgt Ion: 97 Resp: 121002

Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

61 42.3 36.2 54.4



#30

Cyclohexane

Concen: 4.724 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.023 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

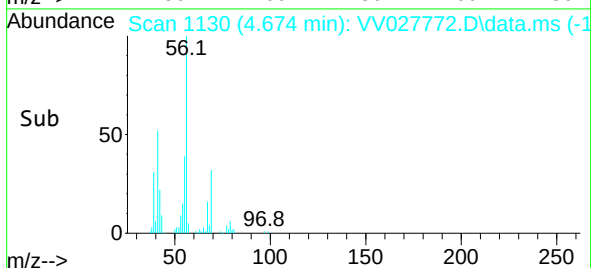
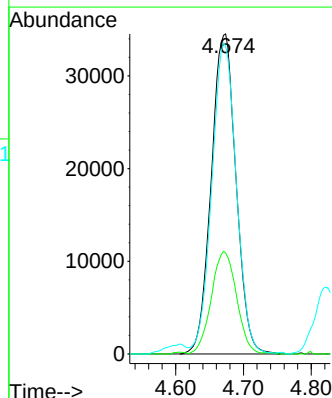
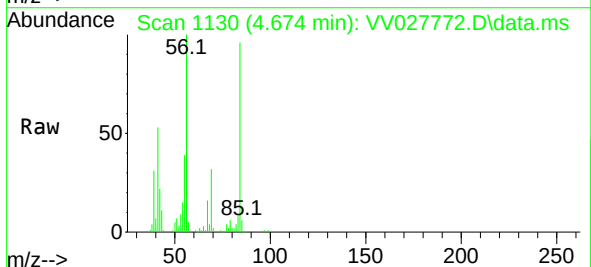
Tgt Ion: 56 Resp: 87749

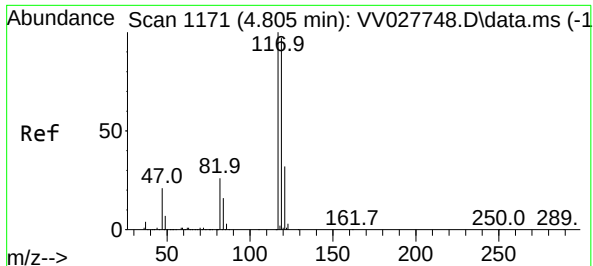
Ion Ratio Lower Upper

56 100

69 32.6 25.4 38.2

84 95.6 73.8 110.8

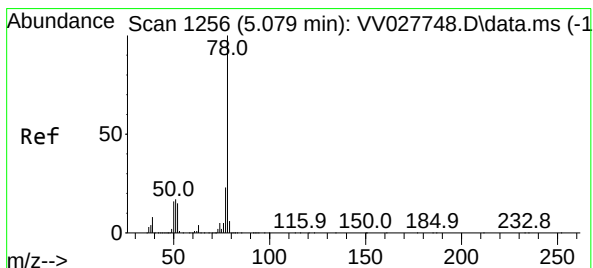
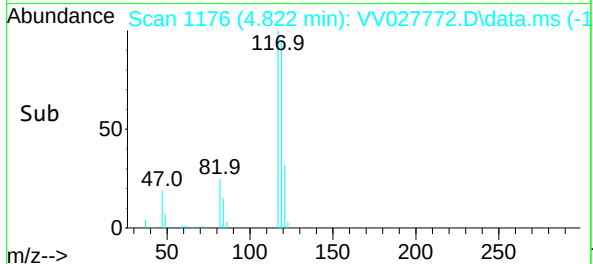
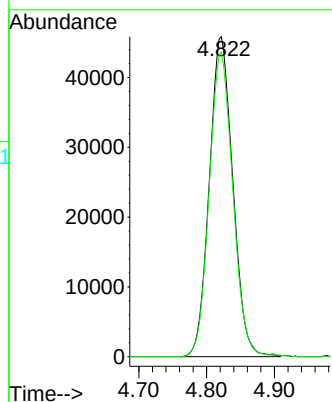
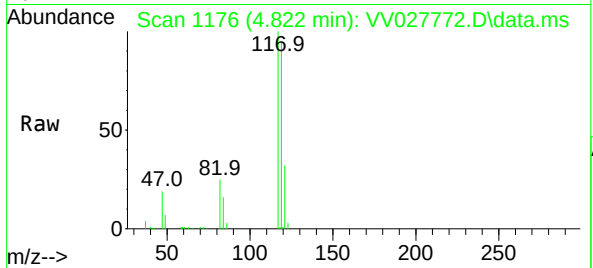




#31
Carbon tetrachloride
Concen: 5.742 ug/L
RT: 4.822 min Scan# 1171
Delta R.T. 0.016 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

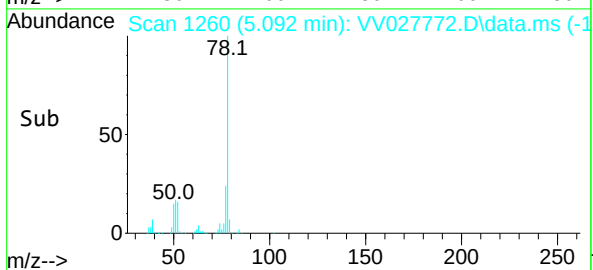
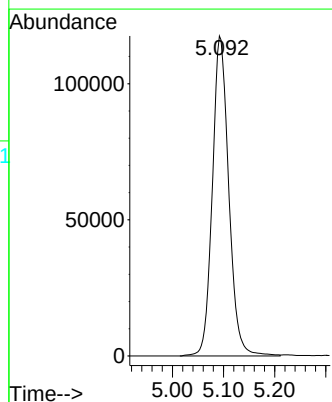
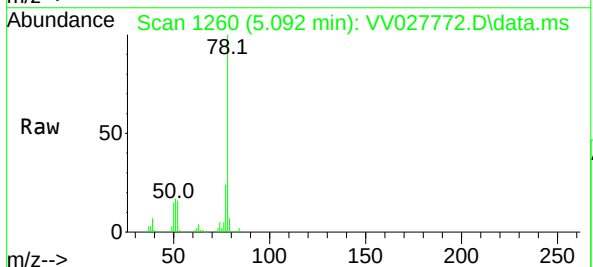
Instrument :
MSVOA_V
ClientSampleId :
VSTD005286

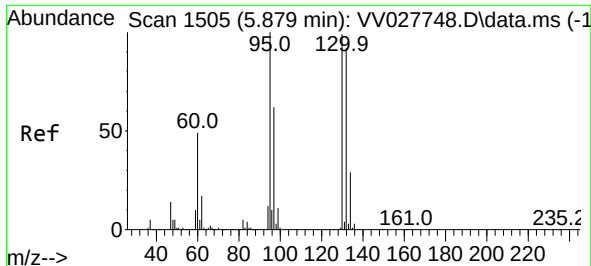
Tgt Ion:117 Resp: 110273
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8



#33
Benzene
Concen: 5.397 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.013 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Tgt Ion: 78 Resp: 261950





#34

Trichloroethene

Concen: 5.185 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.029 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD005286

Tgt Ion: 95 Resp: 62988

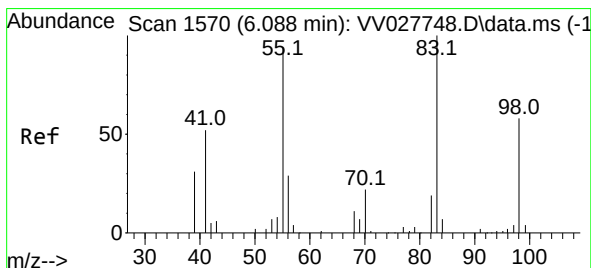
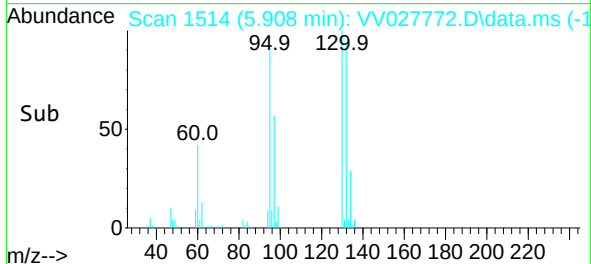
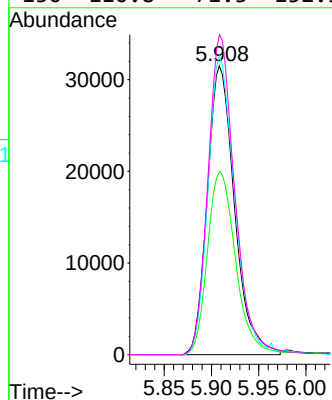
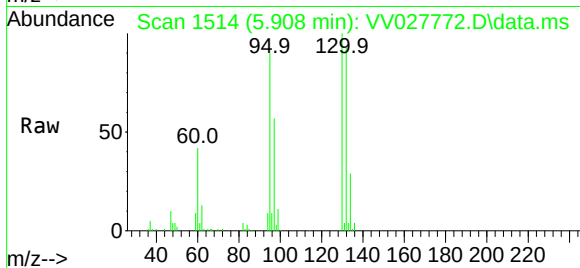
Ion Ratio Lower Upper

95 100

97 63.4 42.9 79.7

132 103.4 67.9 126.1

130 110.8 71.3 132.3



#35

Methylcyclohexane

Concen: 5.366 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.036 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

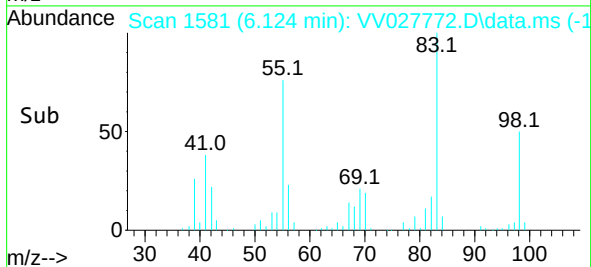
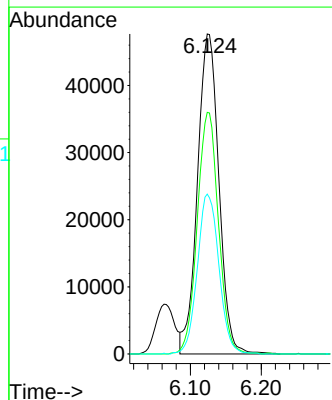
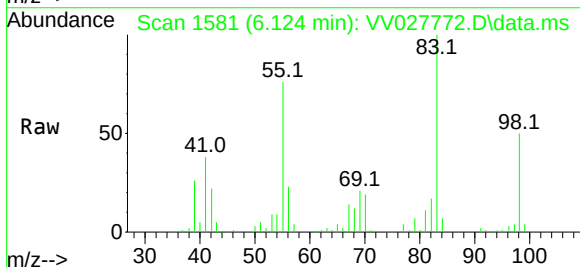
Tgt Ion: 83 Resp: 100100

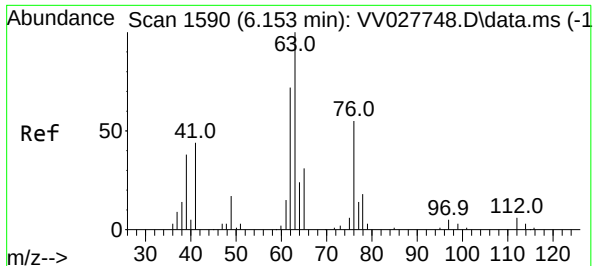
Ion Ratio Lower Upper

83 100

55 74.7 61.9 92.9

98 50.5 37.5 56.3





#37

1,2-Dichloropropane

Concen: 4.925 ug/L

RT: 6.166 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

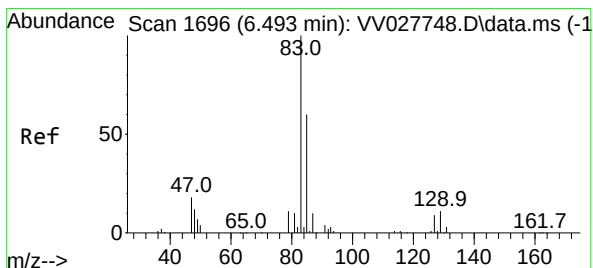
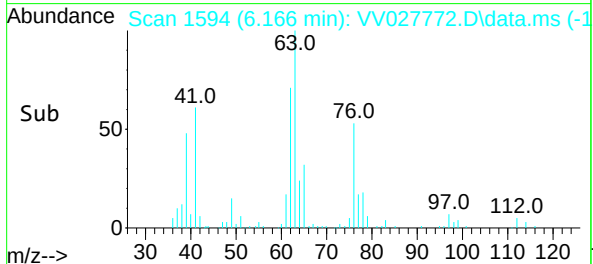
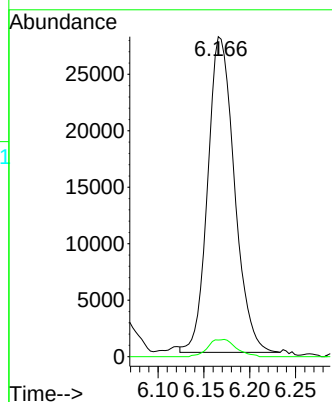
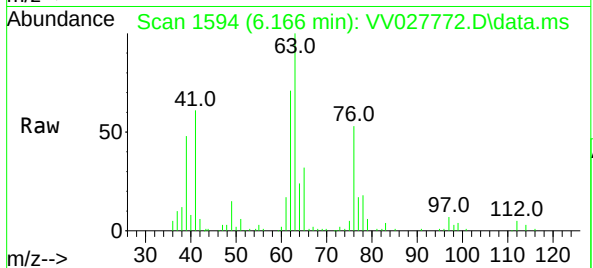
VSTD005286

Tgt Ion: 63 Resp: 56725

Ion Ratio Lower Upper

63 100

112 5.7 4.0 6.0



#38

Bromodichloromethane

Concen: 5.308 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.013 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

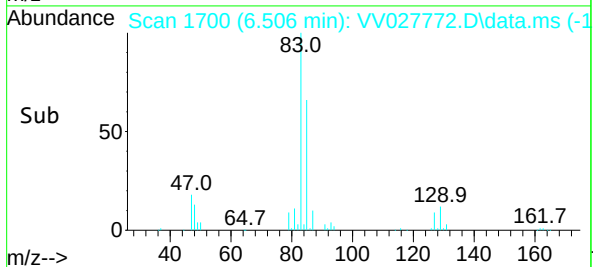
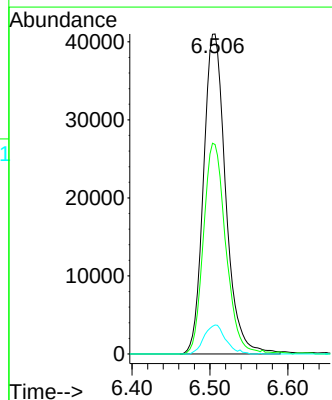
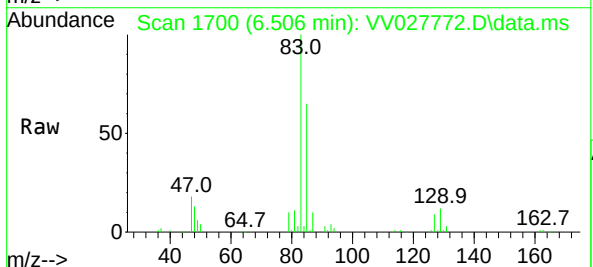
Tgt Ion: 83 Resp: 81059

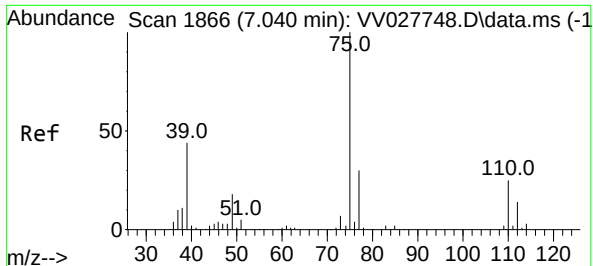
Ion Ratio Lower Upper

83 100

85 65.4 43.3 80.3

127 9.1 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 5.425 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.016 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

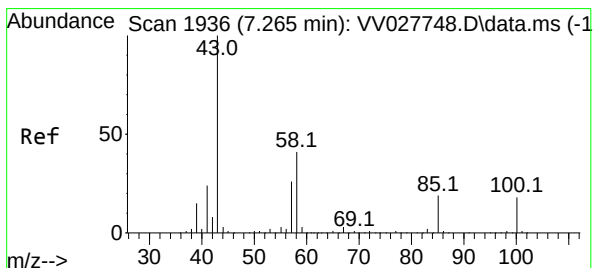
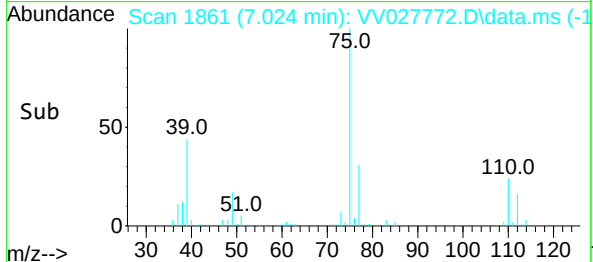
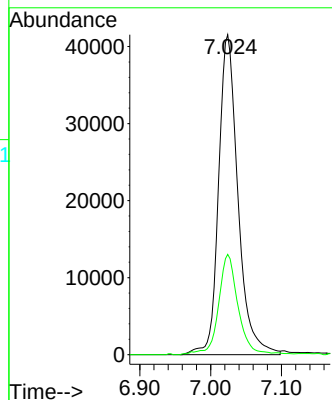
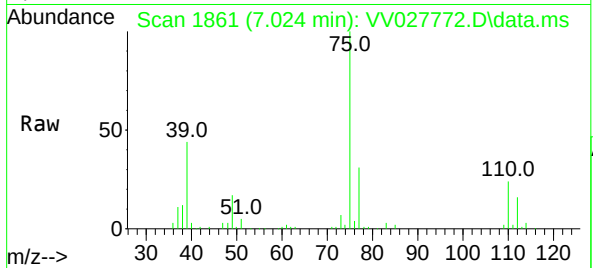
VSTD005286

Tgt Ion: 75 Resp: 78883

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 49.102 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.042 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

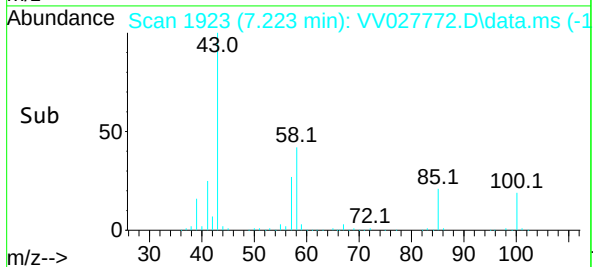
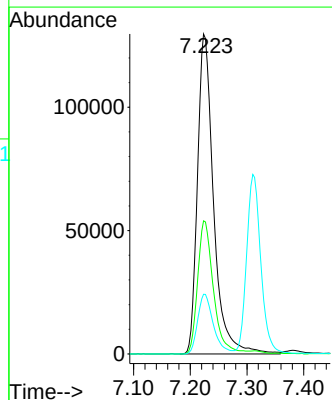
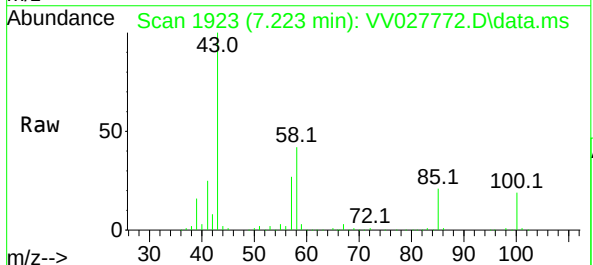
Tgt Ion: 43 Resp: 256317

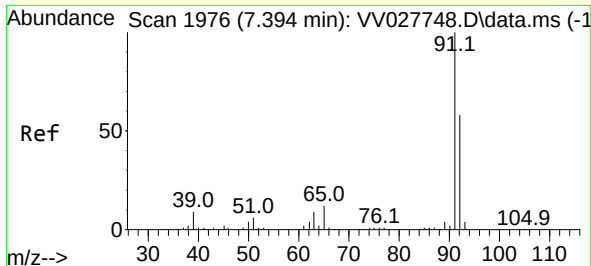
Ion Ratio Lower Upper

43 100

58 40.8 30.9 46.3

100 18.1 13.4 20.0

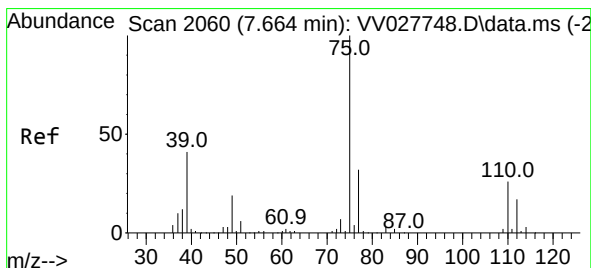
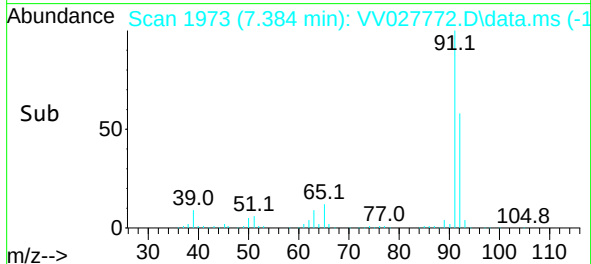
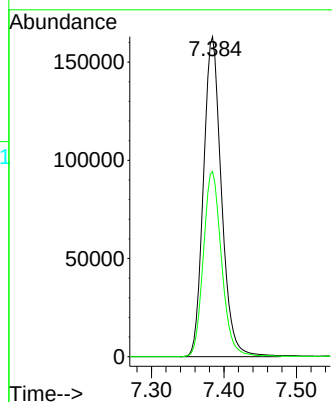
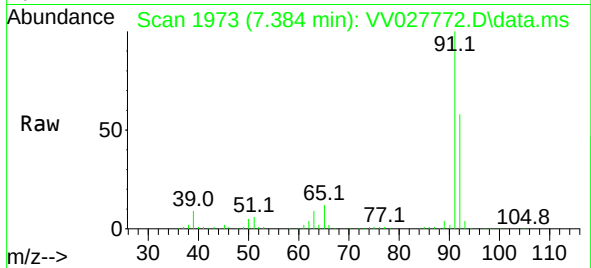




#42
Toluene
Concen: 5.979 ug/L
RT: 7.384 min Scan# 1976
Delta R.T. -0.009 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

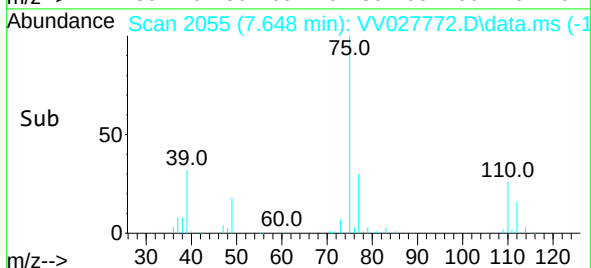
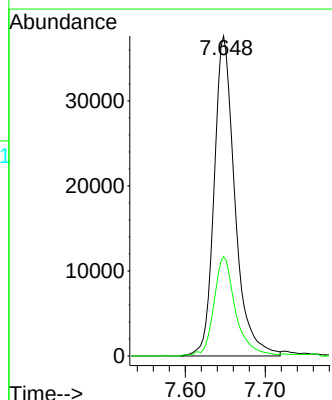
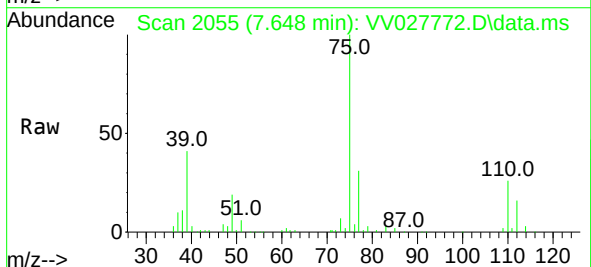
Instrument :
MSVOA_V
ClientSampleId :
VSTD005286

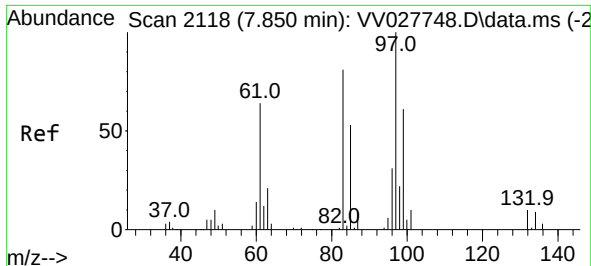
Tgt Ion: 91 Resp: 281079
Ion Ratio Lower Upper
91 100
92 57.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.551 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.016 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Tgt Ion: 75 Resp: 67747
Ion Ratio Lower Upper
75 100
77 31.0 22.6 42.0

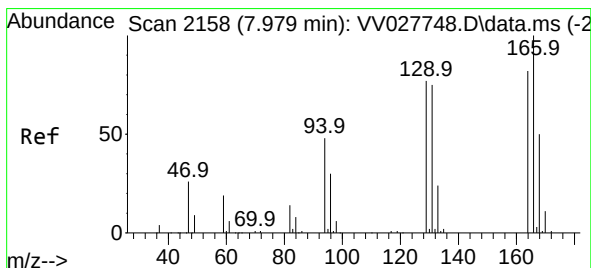
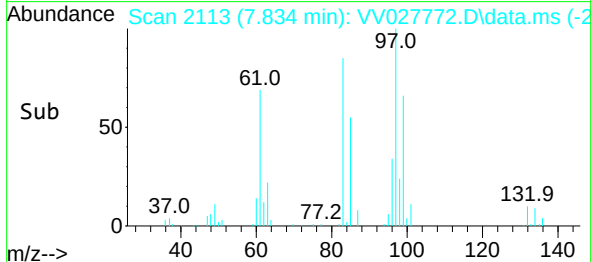
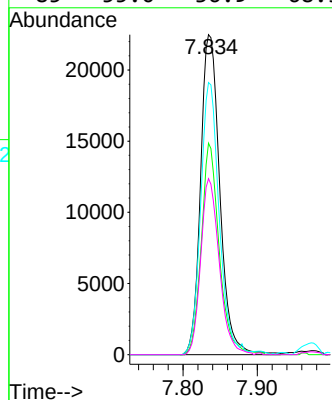
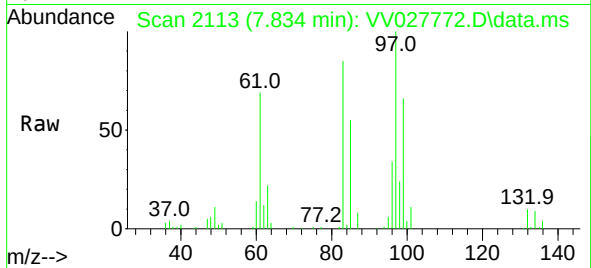




#45
1,1,2-Trichloroethane
Concen: 5.433 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.016 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

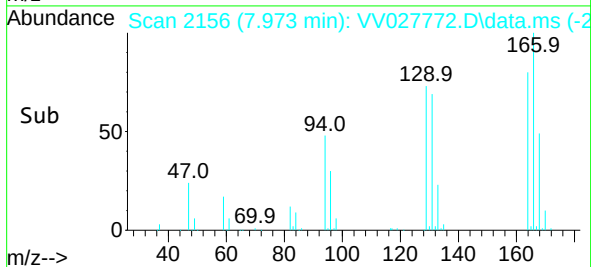
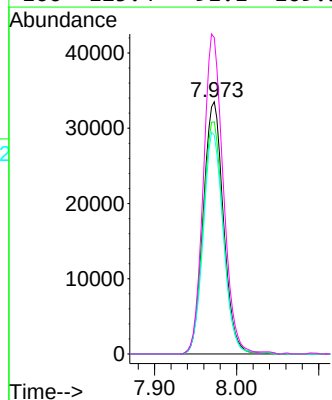
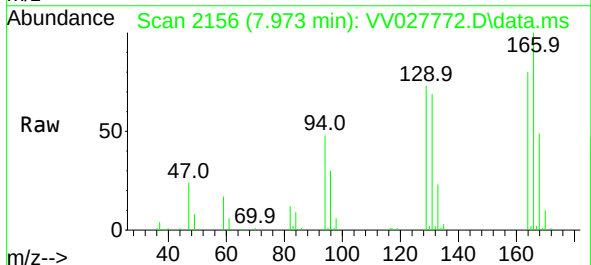
Instrument :
MSVOA_V
ClientSampleId :
VSTD005286

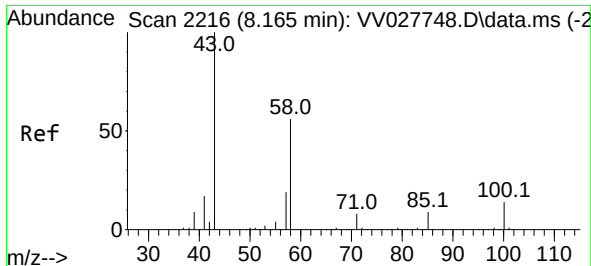
Tgt Ion:	97	Resp:	40544
Ion	Ratio	Lower	Upper
97	100		
99	66.1	44.2	82.0
83	85.1	60.3	112.1
85	55.0	36.9	68.5



#47
Tetrachloroethene
Concen: 5.870 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.006 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Tgt Ion:	164	Resp:	57226
Ion	Ratio	Lower	Upper
164	100		
129	92.1	67.2	124.8
131	86.7	61.5	114.3
166	125.4	91.1	169.3



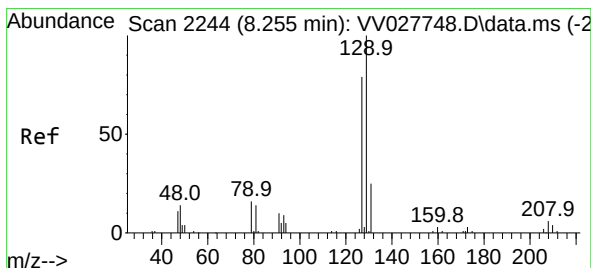
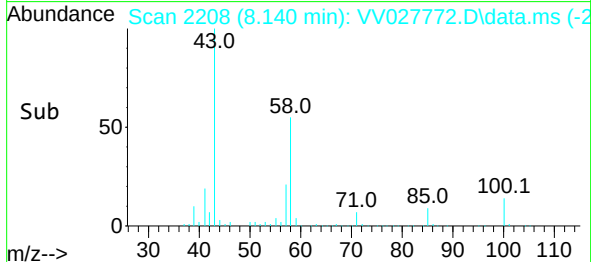
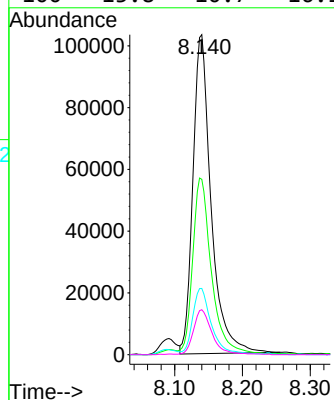
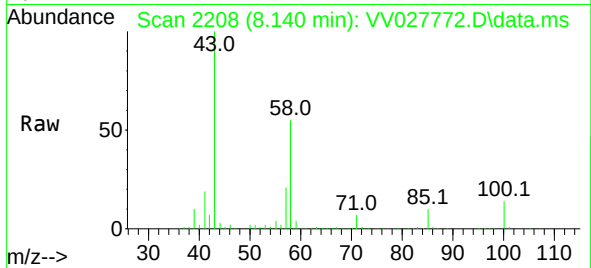


#48
2-Hexanone
Concen: 50.793 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.026 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD005286

Tgt Ion: 43 Resp: 192761

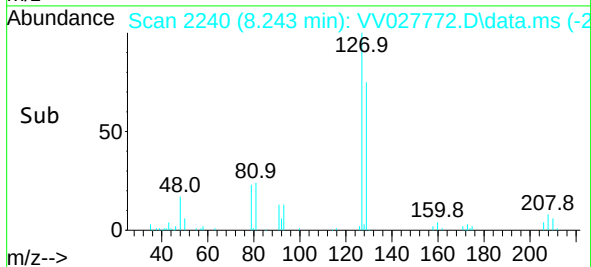
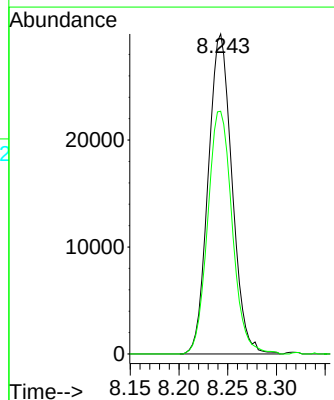
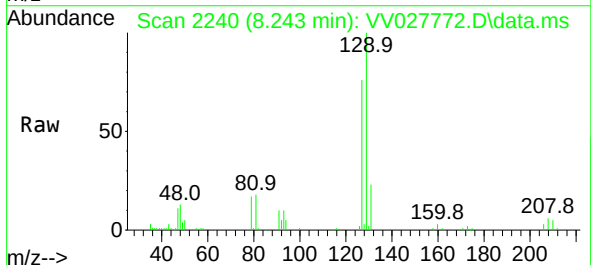
Ion	Ratio	Lower	Upper
43	100		
58	56.5	43.2	64.8
57	20.9	15.6	23.4
100	13.8	10.7	16.1

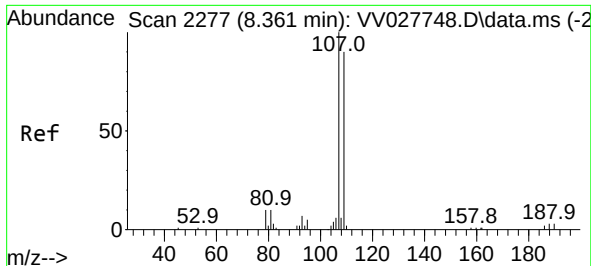


#49
Dibromochloromethane
Concen: 5.362 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.013 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Tgt Ion: 129 Resp: 50799

Ion	Ratio	Lower	Upper
129	100		
127	75.8	55.2	102.6

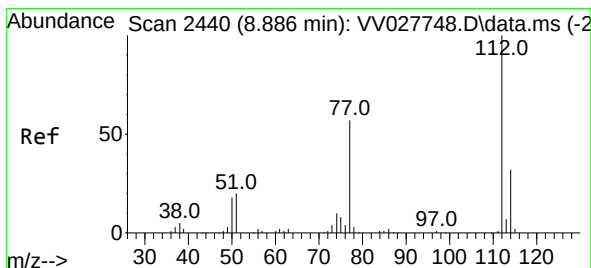
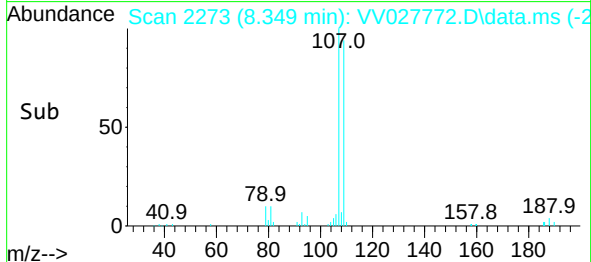
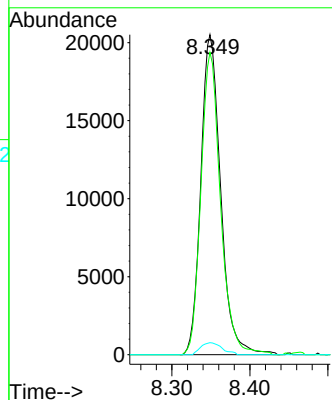
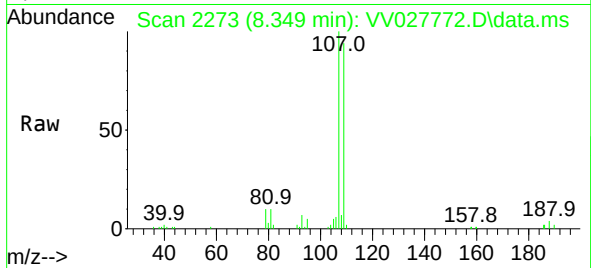




#50
1,2-Dibromoethane
Concen: 5.373 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.013 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

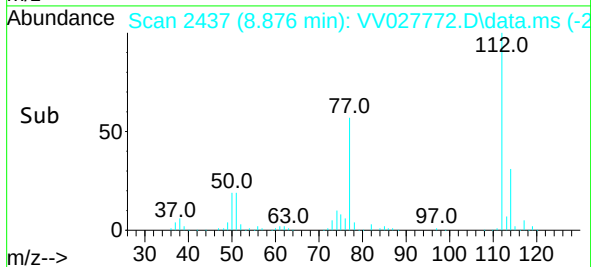
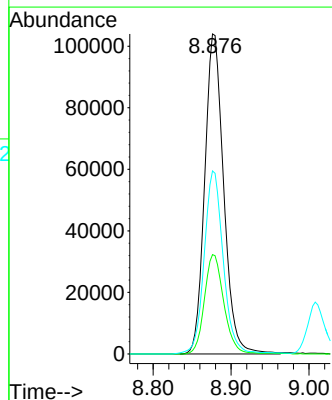
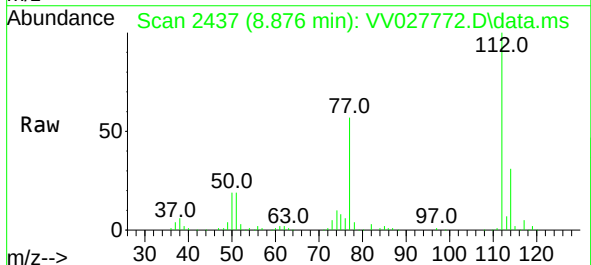
Instrument :
MSVOA_V
ClientSampleId :
VSTD005286

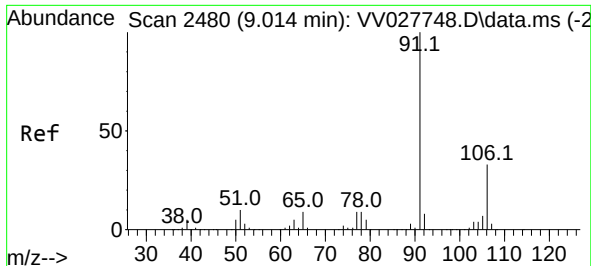
Tgt Ion:107 Resp: 36260
Ion Ratio Lower Upper
107 100
109 94.5 65.9 122.5
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 5.778 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.009 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Tgt Ion:112 Resp: 176267
Ion Ratio Lower Upper
112 100
114 31.0 21.7 40.3
77 57.2 45.3 67.9





#52

Ethylbenzene

Concen: 5.842 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. -0.006 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

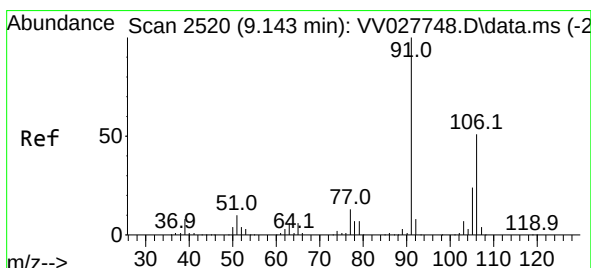
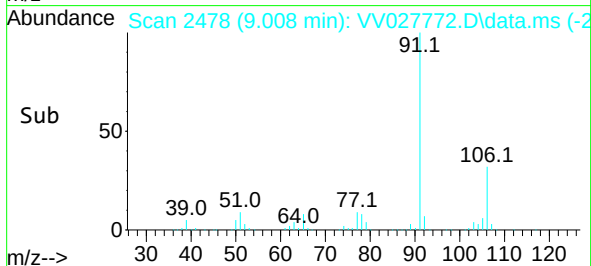
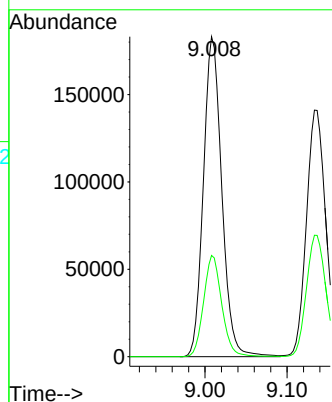
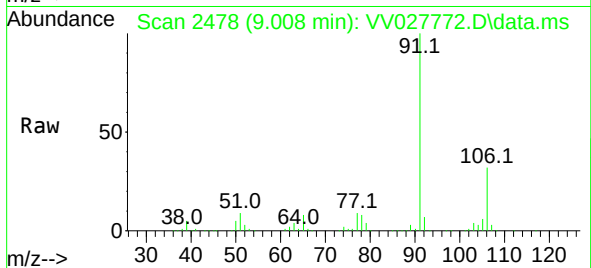
VSTD005286

Tgt Ion: 91 Resp: 284847

Ion Ratio Lower Upper

91 100

106 31.7 22.0 40.8



#53

m,p-Xylene

Concen: 6.154 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. -0.009 min

Lab File: VV027772.D

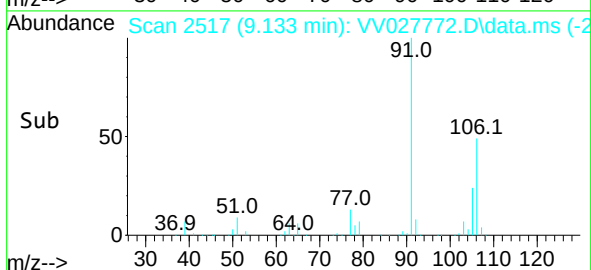
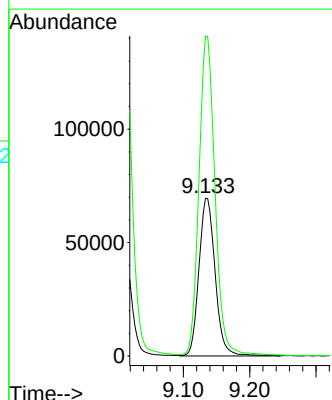
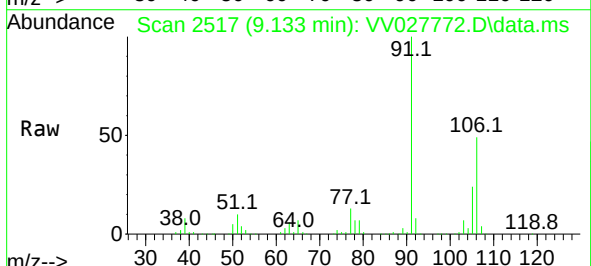
Acq: 07 Sep 2022 10:27

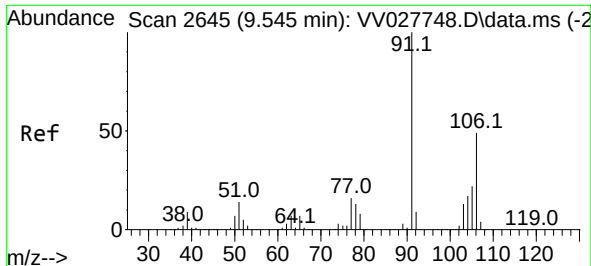
Tgt Ion: 106 Resp: 118014

Ion Ratio Lower Upper

106 100

91 203.0 142.4 264.4

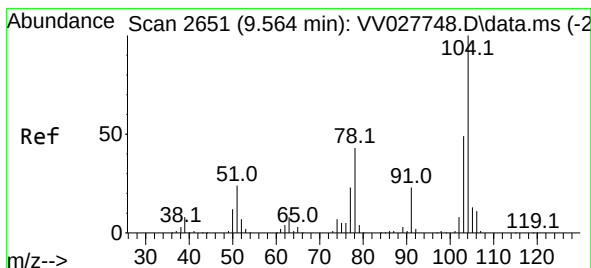
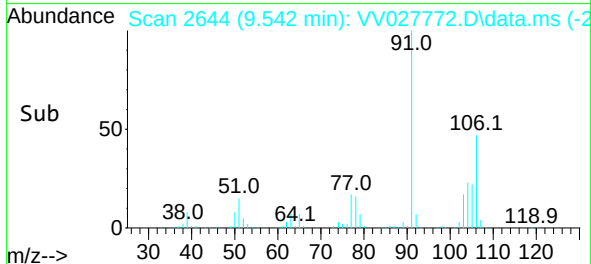
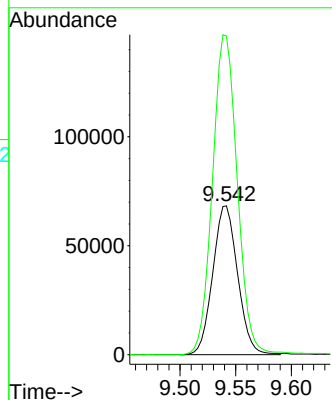
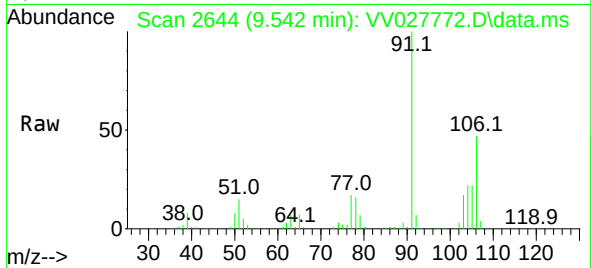




#54
o-Xylene
Concen: 5.802 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

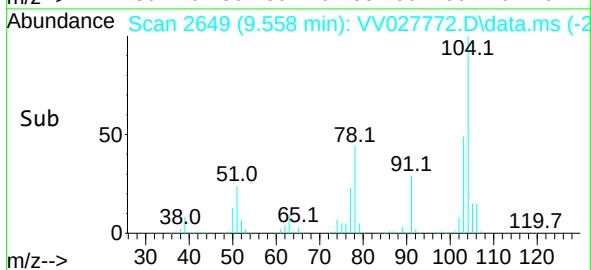
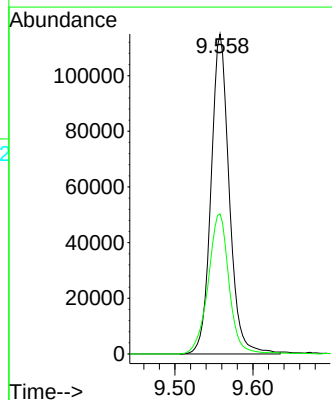
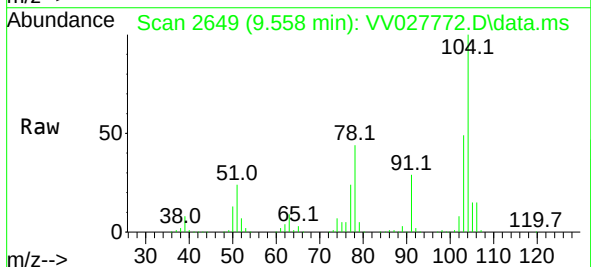
Instrument :
MSVOA_V
ClientSampleId :
VSTD005286

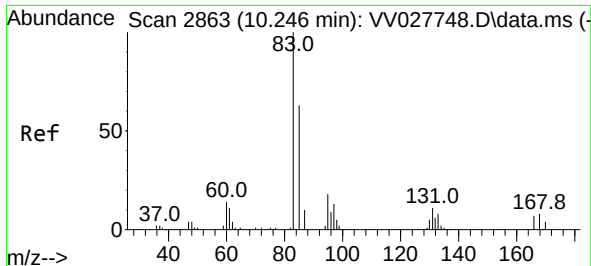
Tgt Ion:106 Resp: 106062
Ion Ratio Lower Upper
106 100
91 214.0 147.5 273.9



#55
Styrene
Concen: 5.912 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.006 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Tgt Ion:104 Resp: 186905
Ion Ratio Lower Upper
104 100
78 43.8 31.7 58.9





#57

1,1,2-Tetrachloroethane

Concen: 4.988 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD005286

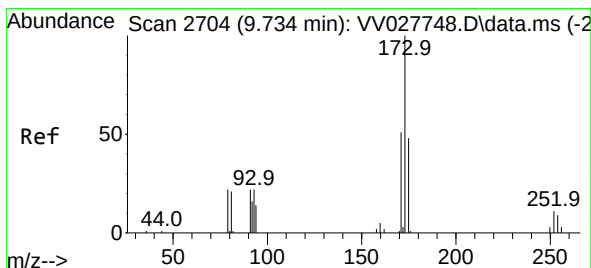
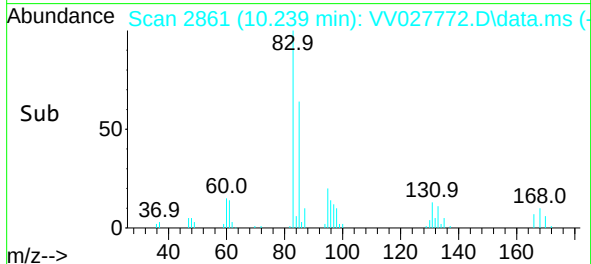
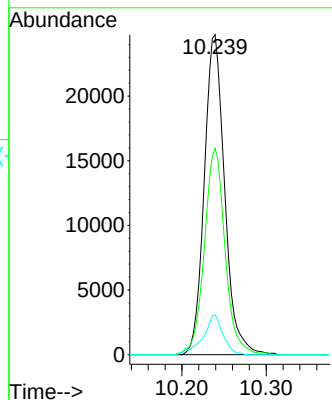
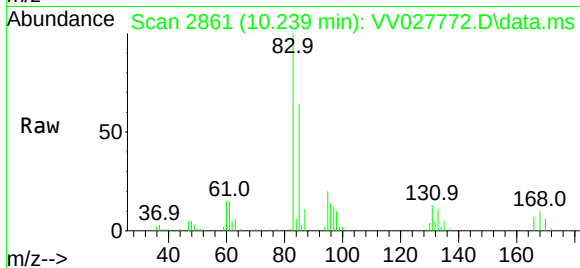
Tgt Ion: 83 Resp: 41719

Ion Ratio Lower Upper

83 100

85 64.5 44.7 83.1

131 12.5 8.5 12.7



#59

Bromoform

Concen: 5.343 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.006 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

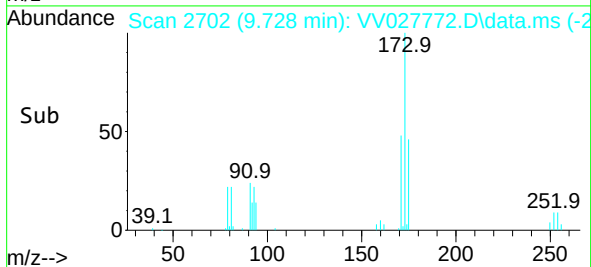
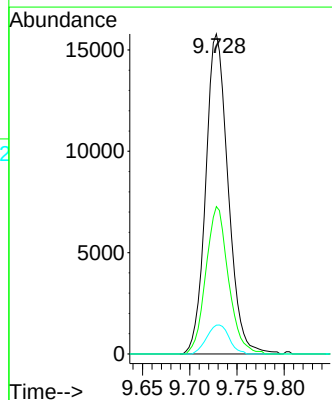
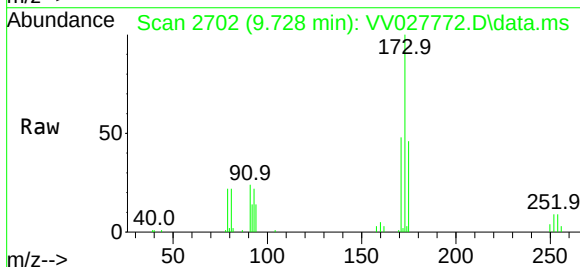
Tgt Ion: 173 Resp: 26023

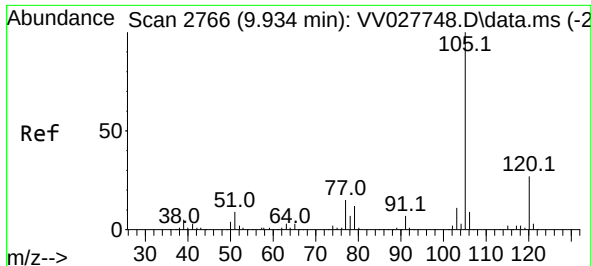
Ion Ratio Lower Upper

173 100

175 46.5 38.4 57.6

254 9.0 6.8 10.2

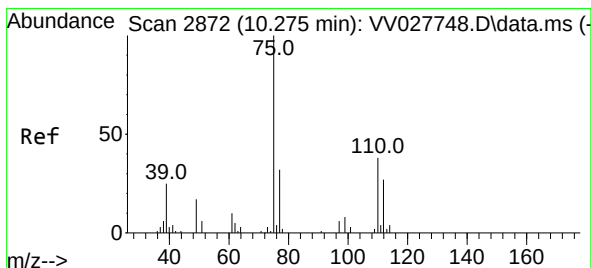
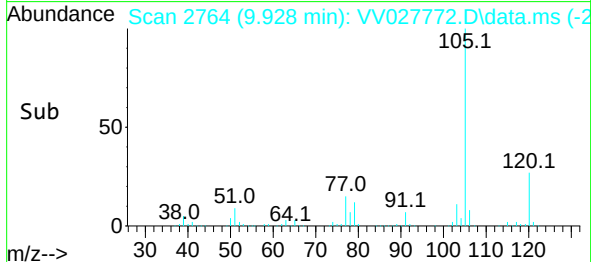
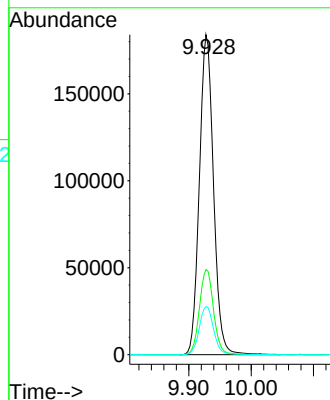
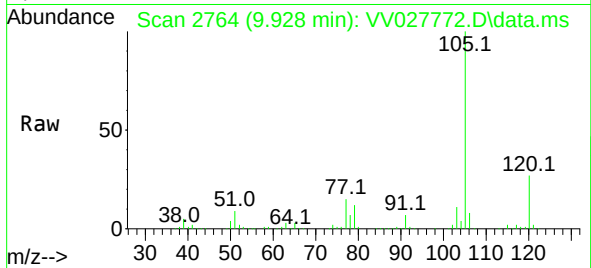




#60
Isopropylbenzene
Concen: 5.753 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

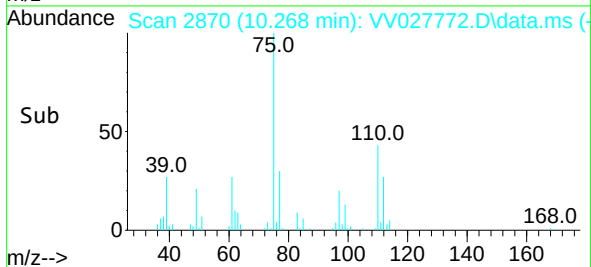
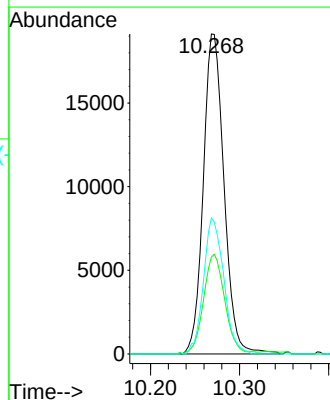
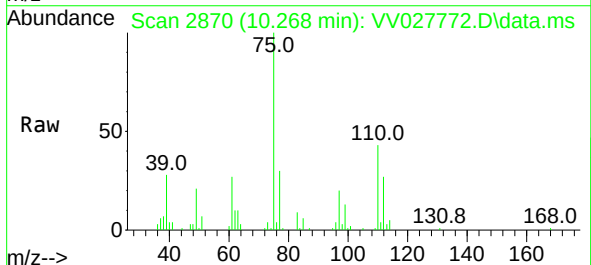
Instrument :
MSVOA_V
ClientSampleId :
VSTD005286

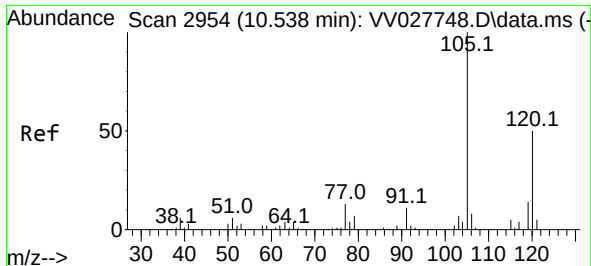
Tgt Ion:105 Resp: 289602
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.3 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.849 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.006 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Tgt Ion: 75 Resp: 30894
Ion Ratio Lower Upper
75 100
77 32.1 27.6 41.4
110 41.6 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 5.709 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

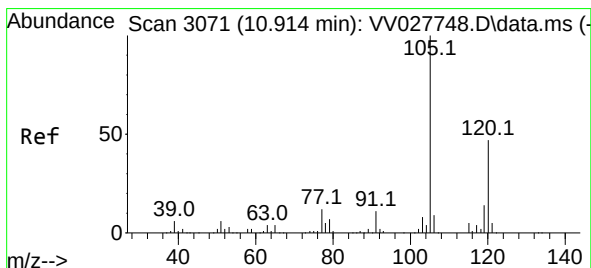
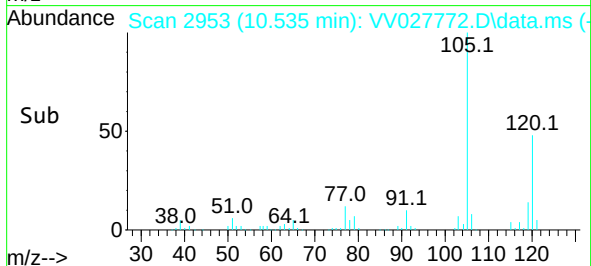
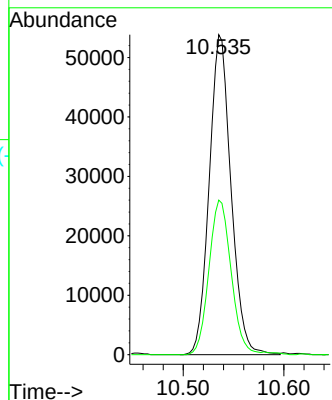
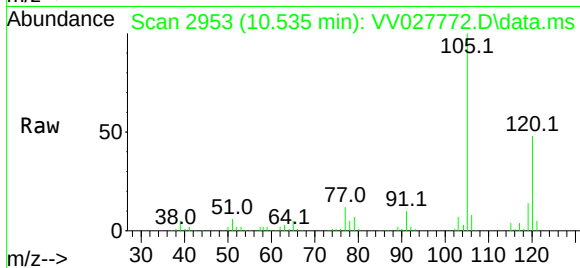
VSTD005286

Tgt Ion:105 Resp: 80941

Ion Ratio Lower Upper

105 100

120 49.7 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.619 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV027772.D

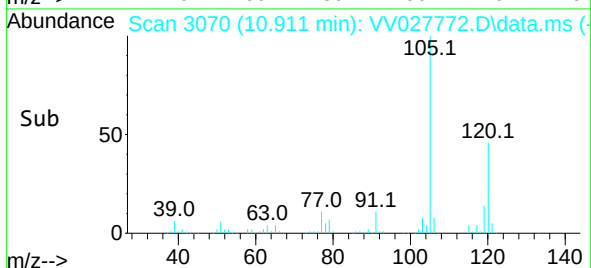
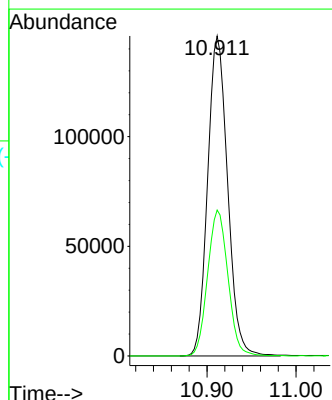
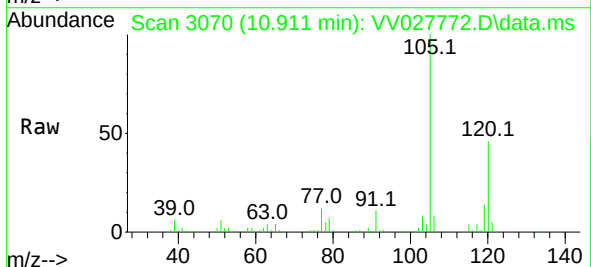
Acq: 07 Sep 2022 10:27

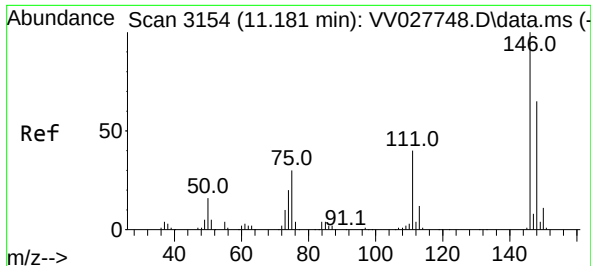
Tgt Ion:105 Resp: 226446

Ion Ratio Lower Upper

105 100

120 46.4 37.4 56.0

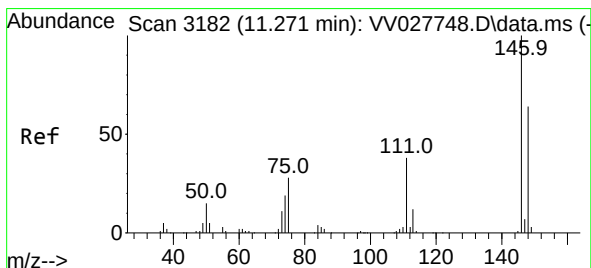
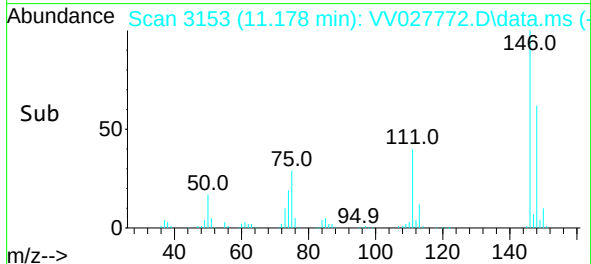
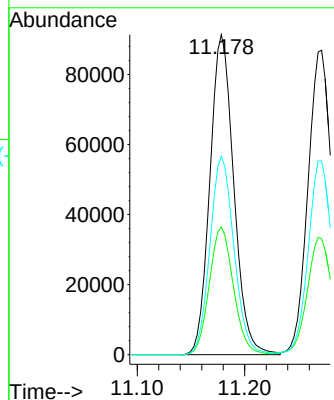
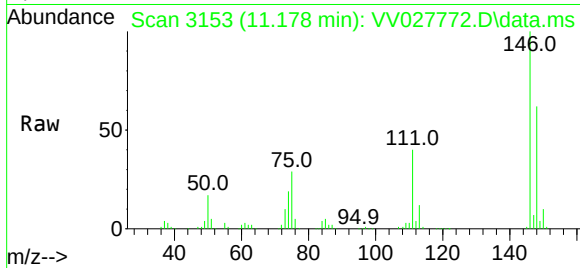




#64
1,3-Dichlorobenzene
Concen: 5.536 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

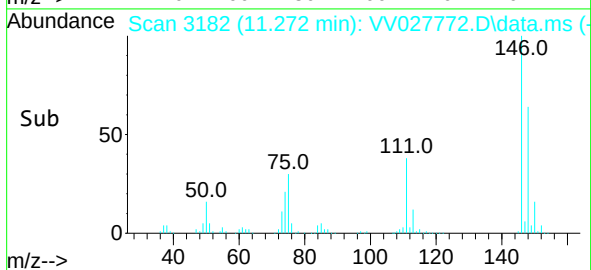
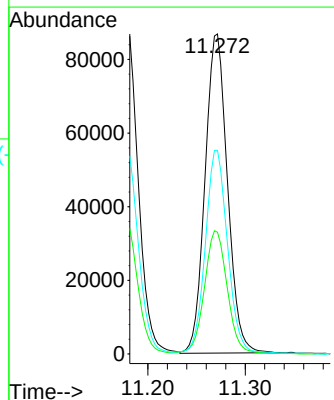
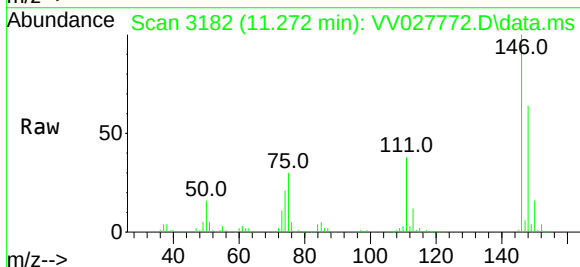
Instrument :
MSVOA_V
ClientSampleId :
VSTD005286

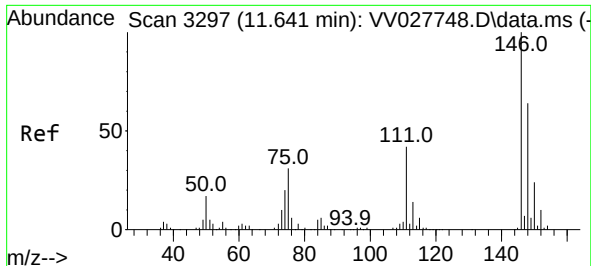
Tgt Ion:146 Resp: 141108
Ion Ratio Lower Upper
146 100
111 40.0 27.9 51.9
148 62.0 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 5.388 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Tgt Ion:146 Resp: 138412
Ion Ratio Lower Upper
146 100
111 38.1 26.5 49.3
148 63.7 42.8 79.4





#67

1,2-Dichlorobenzene

Concen: 5.345 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD005286

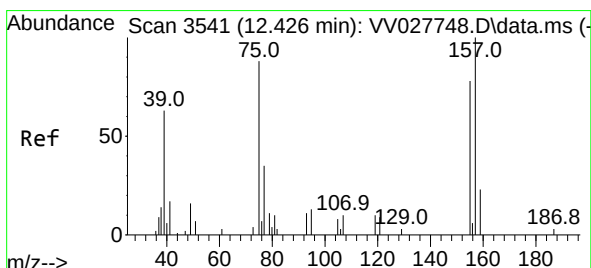
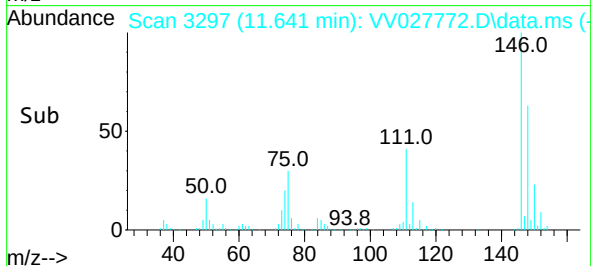
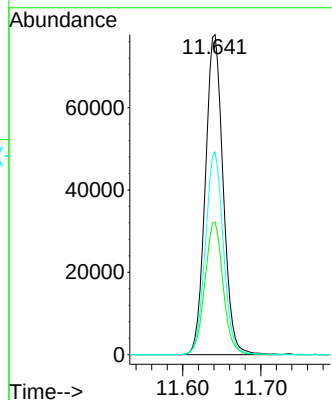
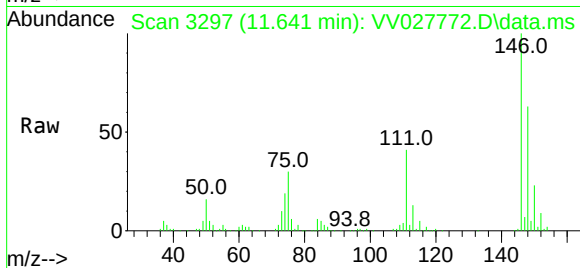
Tgt Ion:146 Resp: 123718

Ion Ratio Lower Upper

146 100

111 41.5 33.1 49.7

148 63.3 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.894 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

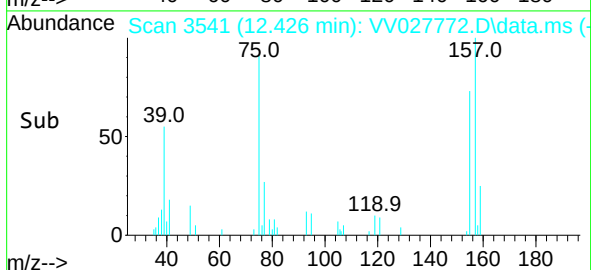
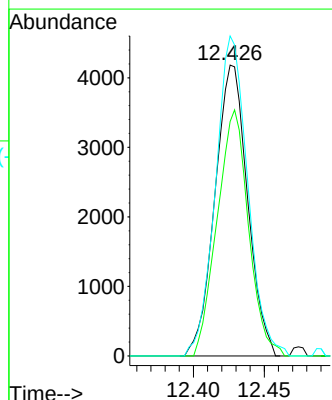
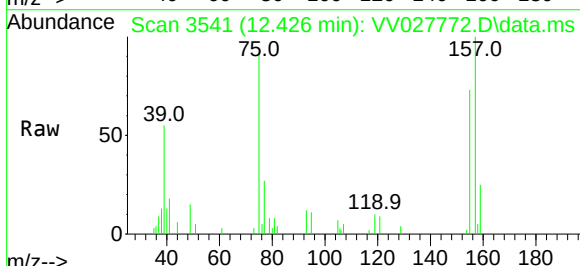
Tgt Ion: 75 Resp: 6694

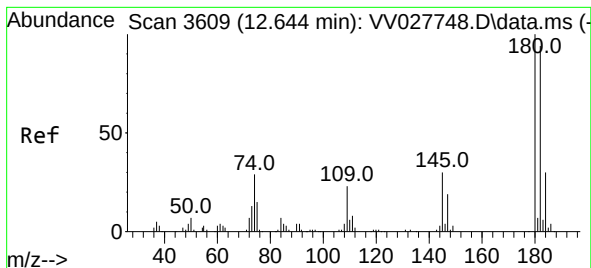
Ion Ratio Lower Upper

75 100

155 80.6 71.9 107.9

157 110.0 95.1 142.7





#69

1,3,5-Trichlorobenzene

Concen: 5.570 ug/L

RT: 12.641 min Scan# 3609

Delta R.T. -0.003 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD005286

Tgt Ion:180 Resp: 107574

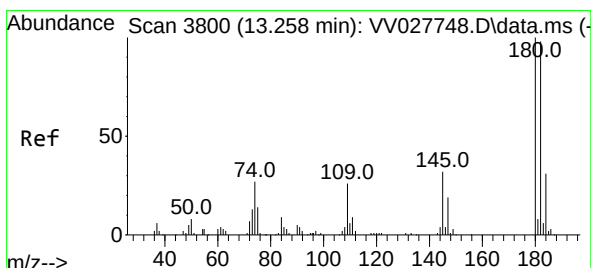
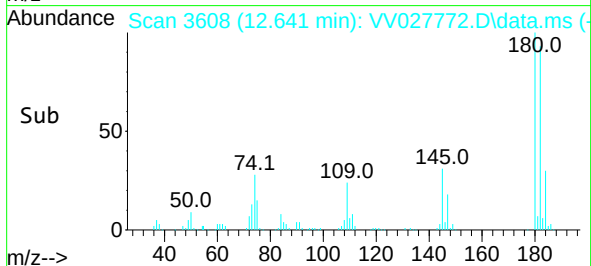
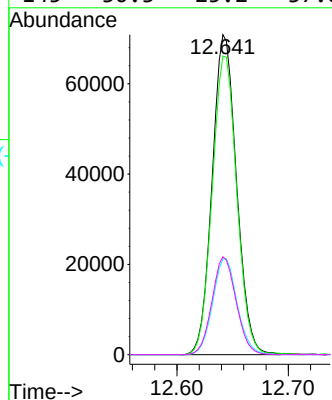
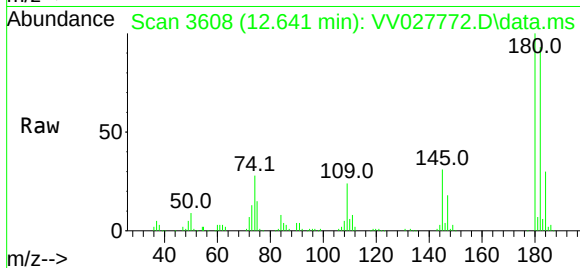
Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.8

184 30.3 23.8 35.6

145 30.3 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.121 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027772.D

Acq: 07 Sep 2022 10:27

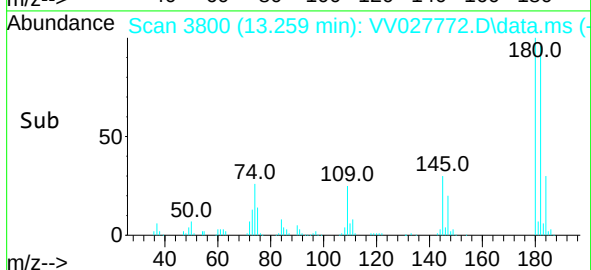
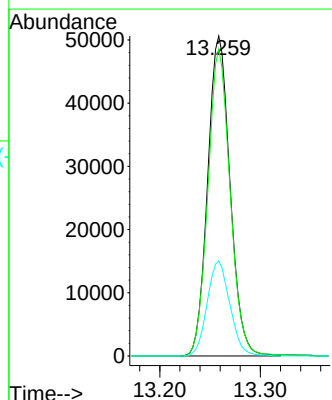
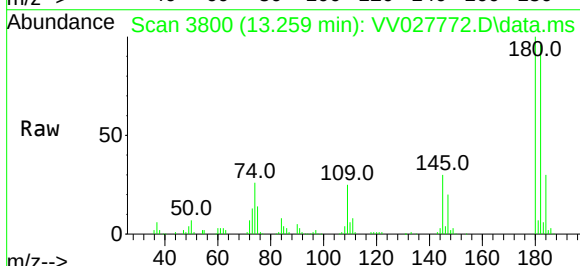
Tgt Ion:180 Resp: 78189

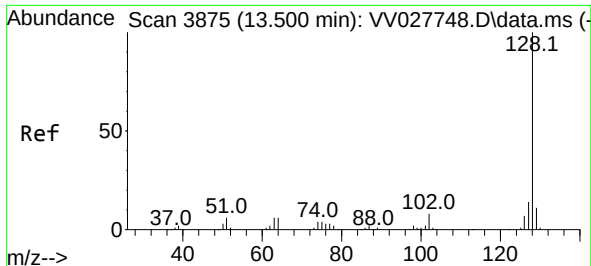
Ion Ratio Lower Upper

180 100

182 95.3 76.6 114.8

145 30.1 24.6 37.0

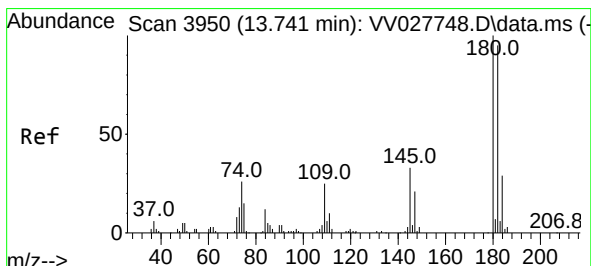
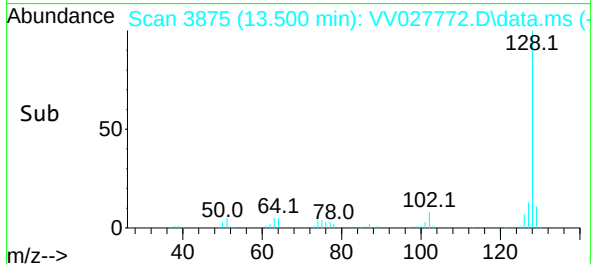
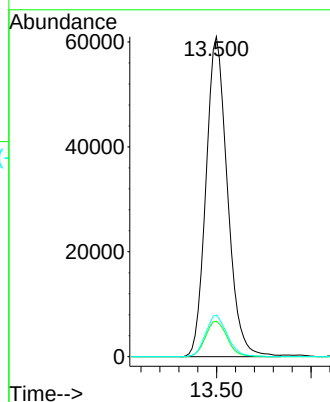
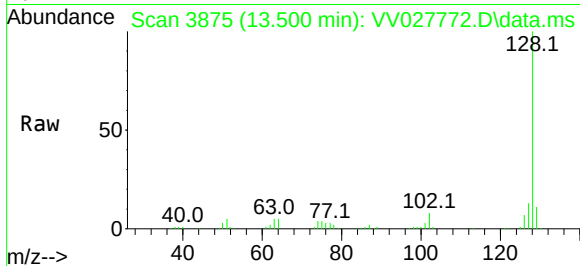




#71
Naphthalene
Concen: 4.009 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD005286

Tgt Ion:128	Resp:	96145
Ion Ratio	Lower	Upper
128	100	
129	11.3	9.2 13.8
127	13.1	10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.939 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027772.D
Acq: 07 Sep 2022 10:27

Tgt Ion:180	Resp:	67192
Ion Ratio	Lower	Upper
180	100	
182	95.0	76.5 114.7
145	31.5	26.5 39.7

