

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090622\
 Data File : VW027742.D
 Acq On : 06 Sep 2022 15:03
 Operator : SY/MD
 Sample : VSTD00529
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005229

Quant Time: Sep 07 05:16:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	189544	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79519	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	59015	3.148	ug/L	0.00
7) Chloroethane-d5	1.558	69	51224	3.229	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	132638	3.484	ug/L	0.00
20) 2-Butanone-d5	3.944	46	140852	40.848	ug/L	0.00
24) Chloroform-d	4.339	84	127966	3.319	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	65645	3.724	ug/L	0.00
32) Benzene-d6	5.034	84	230914	3.912	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	72631	3.917	ug/L	0.00
41) Toluene-d8	7.307	98	203502	4.023	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	22219	3.969	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	81024	38.605	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42649	3.669	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	64676	3.755	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	89489	3.715	ug/L	100
3) Chloromethane	1.230	50	80477	3.515	ug/L	100
5) Vinyl chloride	1.301	62	82305	3.742	ug/L	100
6) Bromomethane	1.513	94	41726	3.960	ug/L	100
8) Chloroethane	1.577	64	48864	3.923	ug/L	100
9) Trichlorofluoromethane	1.745	101	136739	4.474	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	66081	4.001	ug/L	100
12) 1,1-Dichloroethene	2.108	96	62474	4.078	ug/L	100
13) Acetone	2.233	43	86337	37.138	ug/L	94
14) Carbon disulfide	2.281	76	177590	3.694	ug/L	100
15) Methyl Acetate	2.449	43	28044	4.442	ug/L	100
16) Methylene chloride	2.497	84	67582	3.592	ug/L	100
17) Methyl tert-butyl Ether	2.773	73	149162	4.482	ug/L	100
18) trans-1,2-Dichloroethene	2.744	96	64059	3.777	ug/L	100
19) 1,1-Dichloroethane	3.175	63	123207	3.712	ug/L	100
21) 2-Butanone	4.027	43	145406	45.893	ug/L	100
22) cis-1,2-Dichloroethene	3.899	96	73731	4.244	ug/L	100
23) Bromochloromethane	4.236	128	30067	3.999	ug/L	100
25) Chloroform	4.365	83	142520	4.045	ug/L	100
27) 1,2-Dichloroethane	5.124	62	87863	4.453	ug/L	100
29) 1,1,1-Trichloroethane	4.590	97	125538	4.858	ug/L	100
30) Cyclohexane	4.651	56	103587	4.756	ug/L	100
31) Carbon tetrachloride	4.806	117	106988	4.843	ug/L	100
33) Benzene	5.082	78	263212	4.612	ug/L	100
34) Trichloroethene	5.899	95	70136	4.889	ug/L	100
35) Methylcyclohexane	6.111	83	106387	4.779	ug/L	100
37) 1,2-Dichloropropane	6.166	63	68032	4.677	ug/L	100
38) Bromodichloromethane	6.506	83	85471	4.642	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	73193	4.186	ug/L	100
40) 4-Methyl-2-pentanone	7.246	43	277912	44.140	ug/L	100
42) Toluene	7.381	91	268663	4.746	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	64625	4.532	ug/L	100

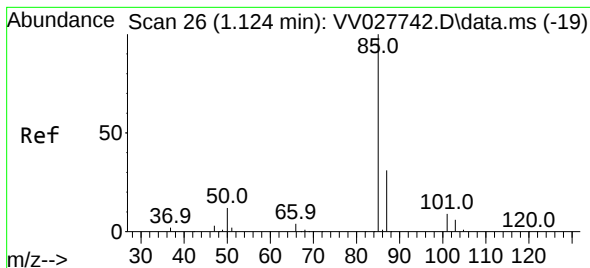
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	41014	4.441	ug/L	100
47) Tetrachloroethene	7.969	164	52173	4.559	ug/L	100
48) 2-Hexanone	8.153	43	215165	45.539	ug/L	100
49) Dibromochloromethane	8.243	129	50657	4.595	ug/L	100
50) 1,2-Dibromoethane	8.352	107	36646	4.413	ug/L	100
51) Chlorobenzene	8.876	112	164292	4.562	ug/L	100
52) Ethylbenzene	9.008	91	261555	4.521	ug/L	100
53) m,p-Xylene	9.133	106	105271	4.711	ug/L	100
54) o-Xylene	9.538	106	99801	4.680	ug/L	100
55) Styrene	9.558	104	174607	4.809	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	44699	4.402	ug/L	100
59) Bromoform	9.731	173	24903	4.476	ug/L	100
60) Isopropylbenzene	9.927	105	269173	4.542	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	31257	4.047	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	73162	4.463	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	200337	4.304	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	128967	4.532	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	128858	4.533	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	116638	4.550	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	6468	4.167	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	92034	4.450	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	67670	4.403	ug/L	100
71) Naphthalene	13.500	128	91013	3.768	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	61525	4.432	ug/L	100

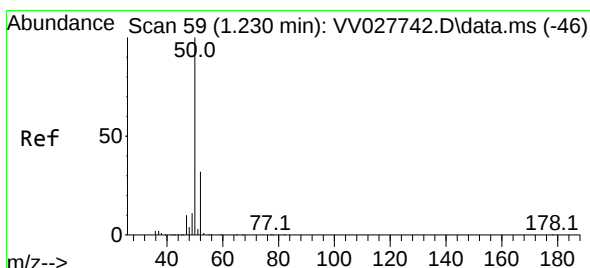
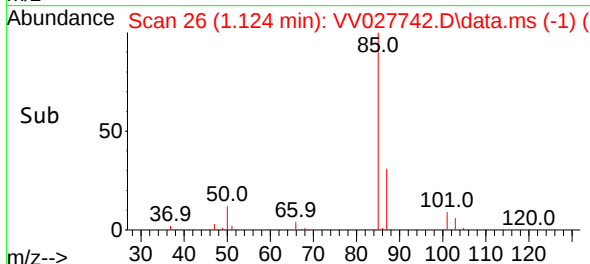
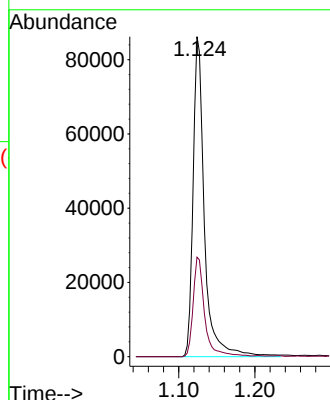
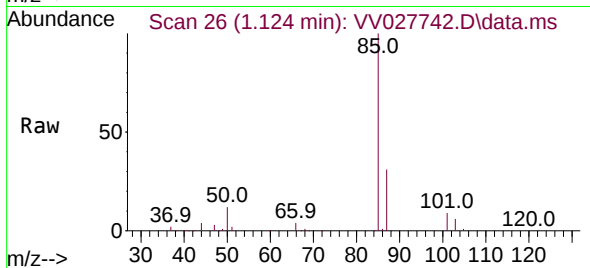
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#2
 Dichlorodifluoromethane
 Concen: 3.715 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV027742.D
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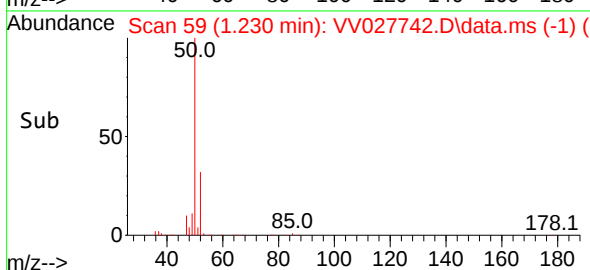
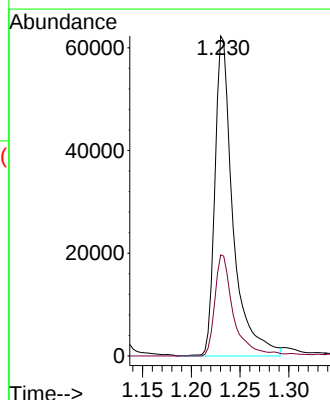
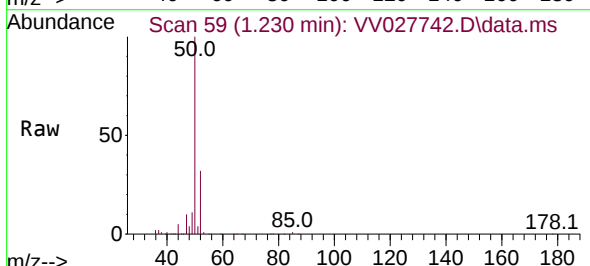
Instrument :
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 VSTD005229

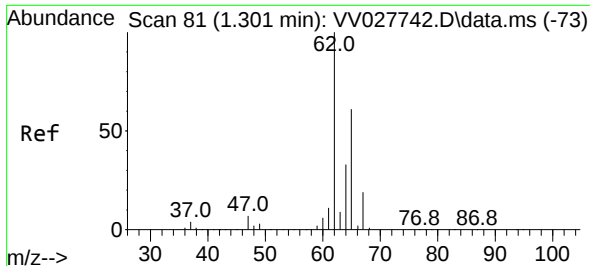
Tgt Ion: 85 Resp: 89489
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.4 38.0



#3
 Chloromethane
 Concen: 3.515 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VV027742.D
 Acq: 06 Sep 2022 15:03

Tgt Ion: 50 Resp: 80477
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.1 41.1

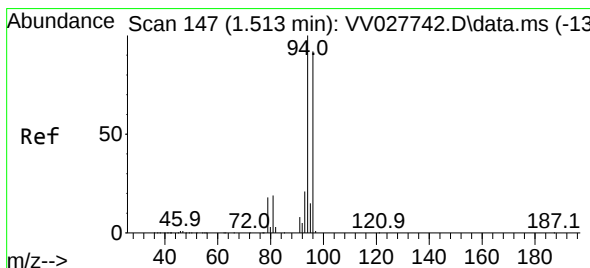
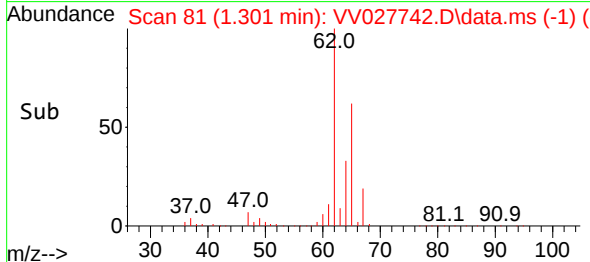
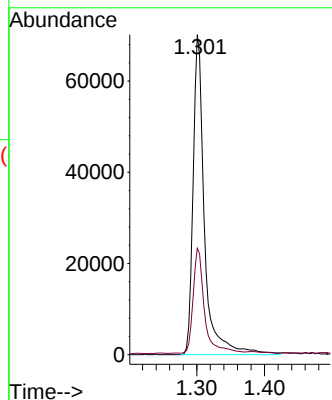
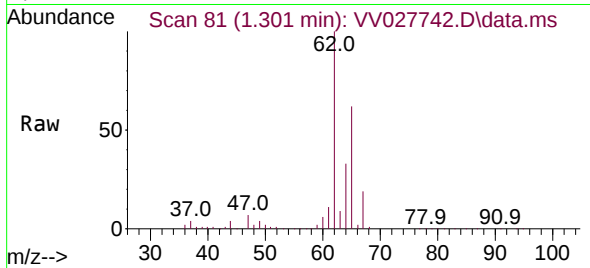




#5
 Vinyl chloride
 Concen: 3.742 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027742.D
 Acq: 06 Sep 2022 15:03

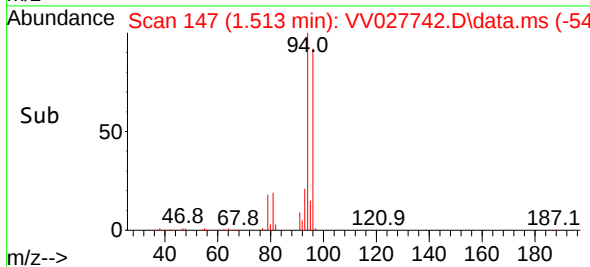
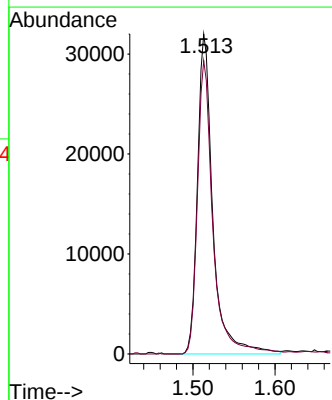
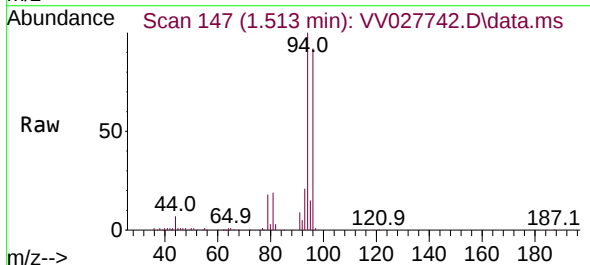
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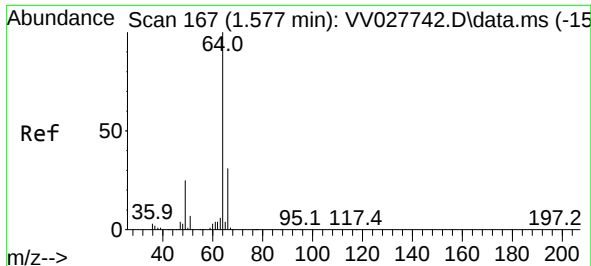
Tgt Ion: 62 Resp: 82305
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 3.960 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV027742.D
 Acq: 06 Sep 2022 15:03

Tgt Ion: 94 Resp: 41726
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.2 119.2

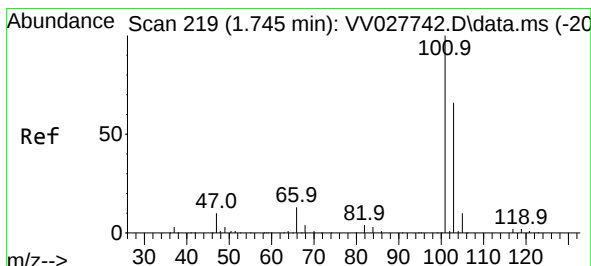
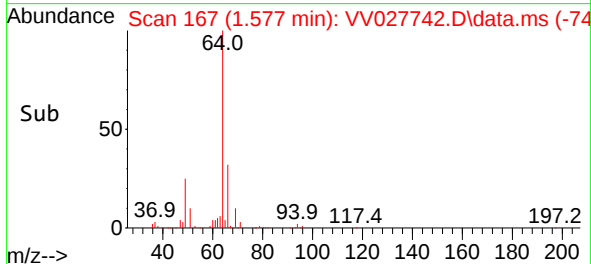
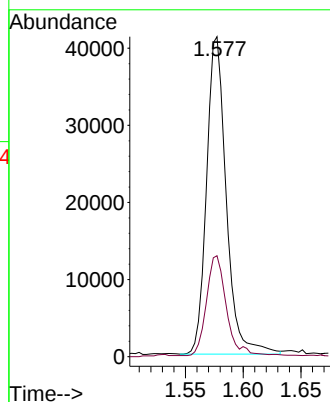
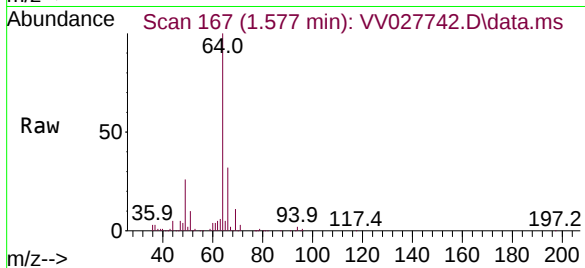




#8
Chloroethane
Concen: 3.923 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

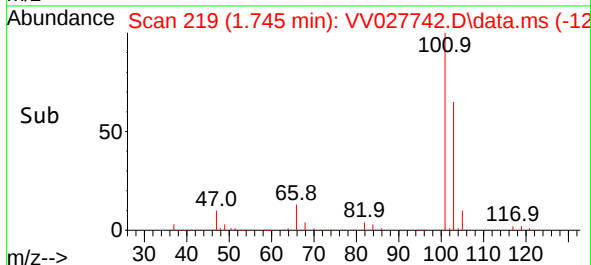
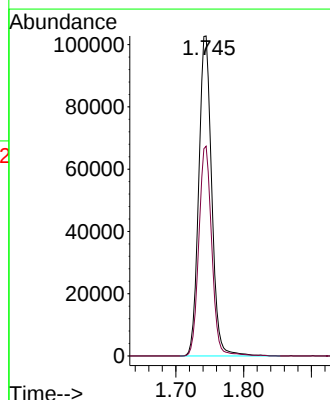
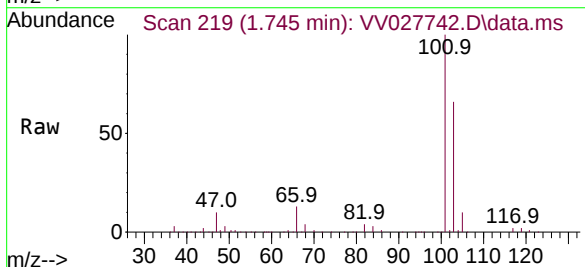
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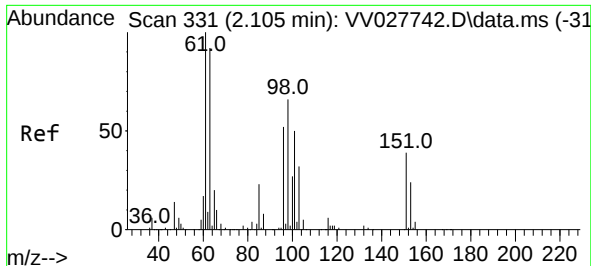
Tgt Ion: 64 Resp: 48864
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.474 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

Tgt Ion: 101 Resp: 136739
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5





#10

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

Concen: 4.001 ug/L

RT: 2.105 min Scan# 331

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005229

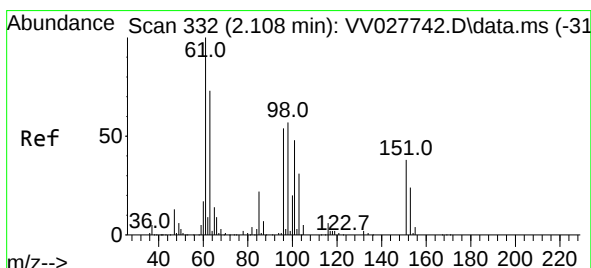
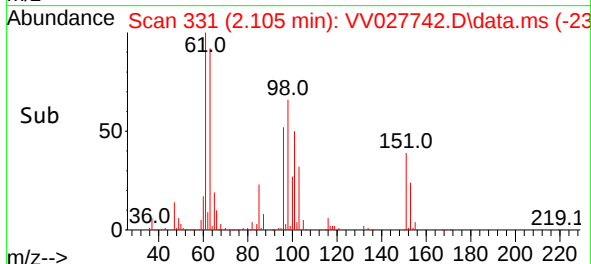
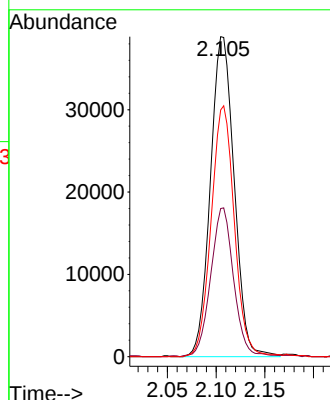
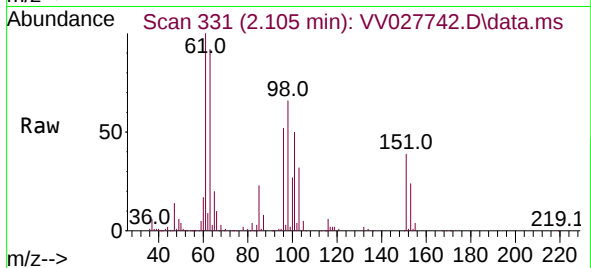
Tgt Ion:101 Resp: 66081

Ion Ratio Lower Upper

101 100

85 44.8 35.8 53.8

151 76.5 61.2 91.8



#12

1,1-Dichloroethene

Concen: 4.078 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

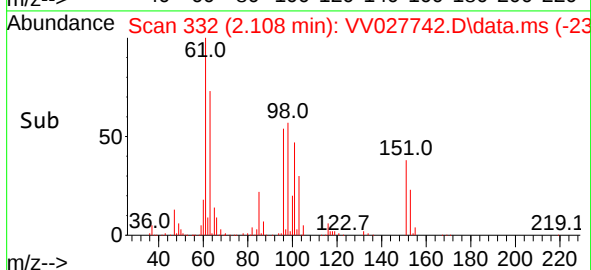
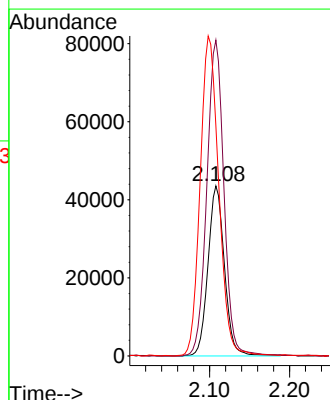
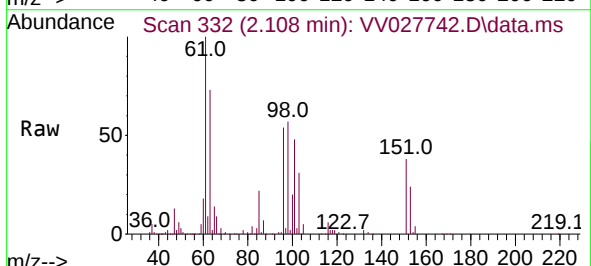
Tgt Ion: 96 Resp: 62474

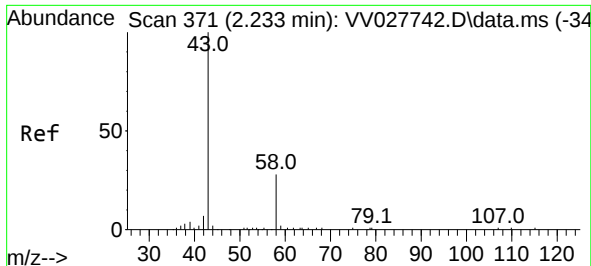
Ion Ratio Lower Upper

96 100

61 185.6 129.9 241.3

63 135.2 94.6 175.8





#13

Acetone

Concen: 37.138 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

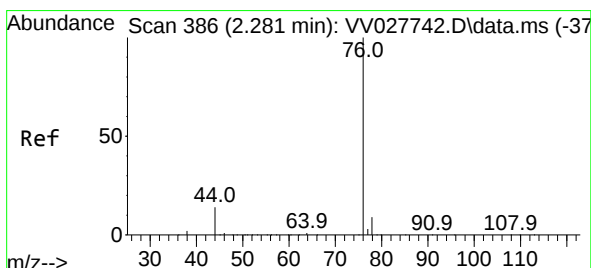
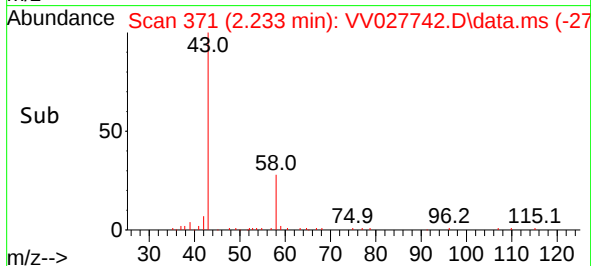
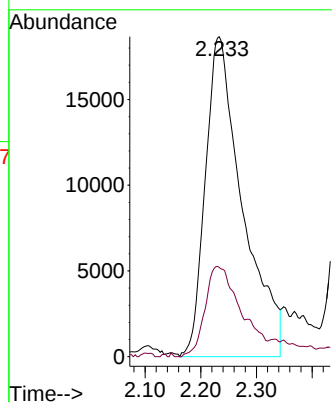
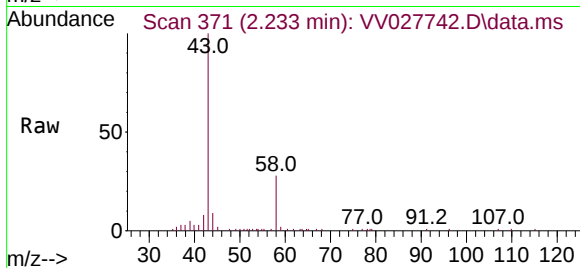
VSTD005229

Tgt Ion: 43 Resp: 86337

Ion Ratio Lower Upper

43 100

58 27.4 0.0 49.4



#14

Carbon disulfide

Concen: 3.694 ug/L

RT: 2.281 min Scan# 386

Delta R.T. 0.000 min

Lab File: VV027742.D

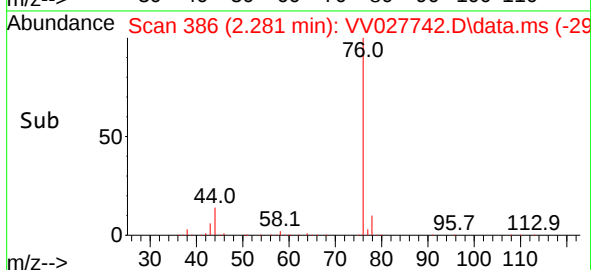
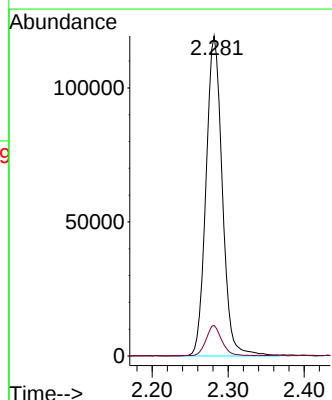
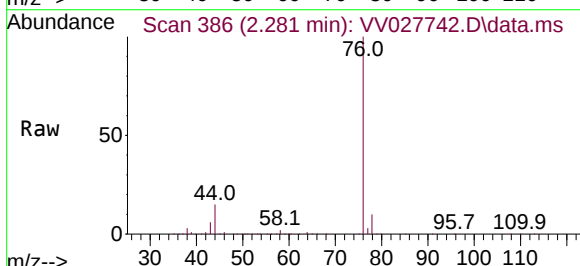
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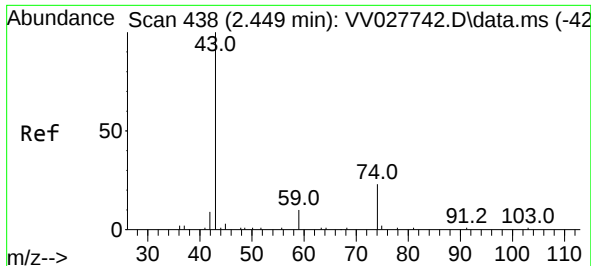
Tgt Ion: 76 Resp: 177590

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

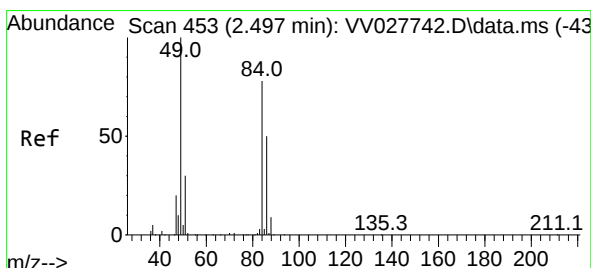
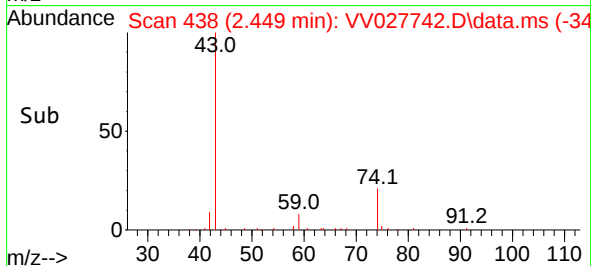
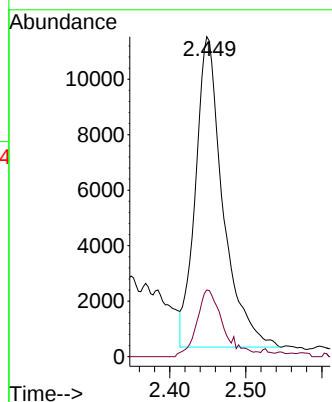
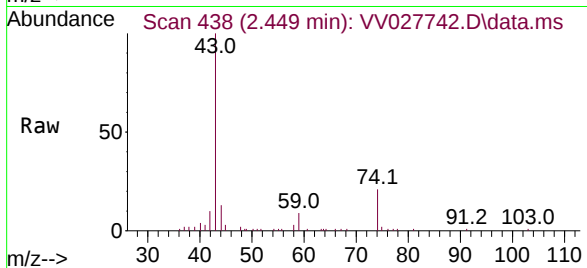




#15
Methyl Acetate
Concen: 4.442 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

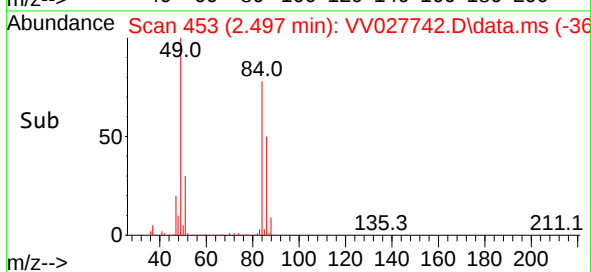
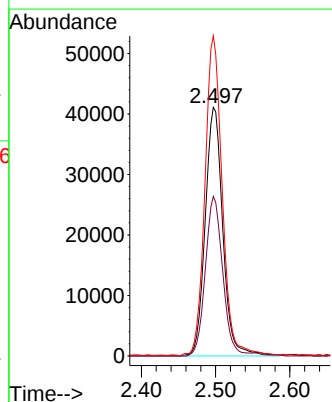
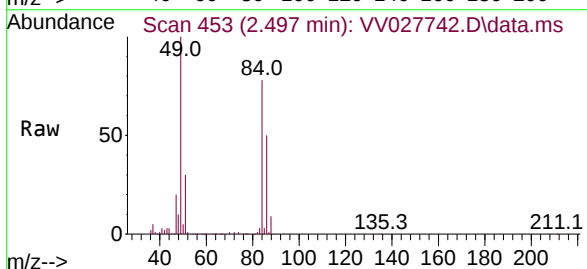
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ClientSampleId :
VSTD005229

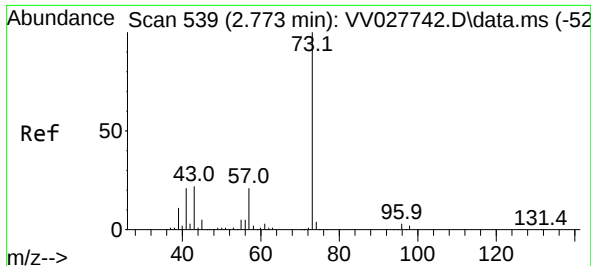
Tgt Ion: 43 Resp: 28044
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0



#16
Methylene chloride
Concen: 3.592 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

Tgt Ion: 84 Resp: 67582
Ion Ratio Lower Upper
84 100
86 64.1 44.9 83.3
49 128.7 90.1 167.3

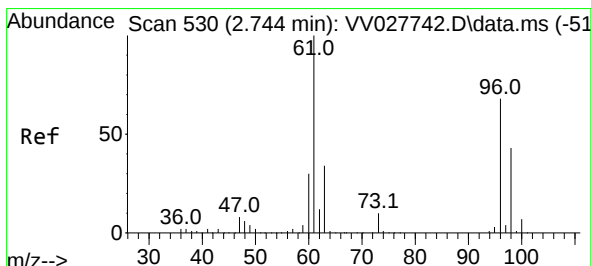
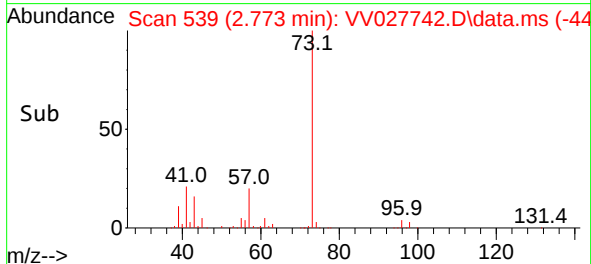
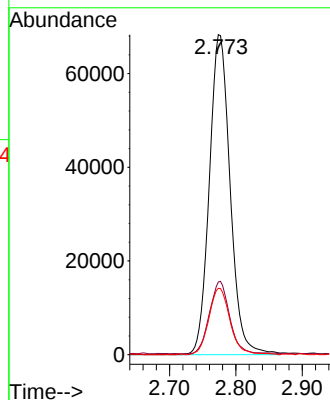
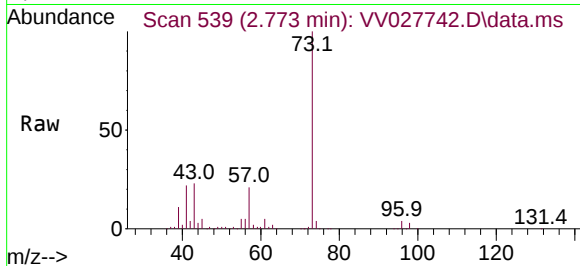




#17
Methyl tert-butyl Ether
Concen: 4.482 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

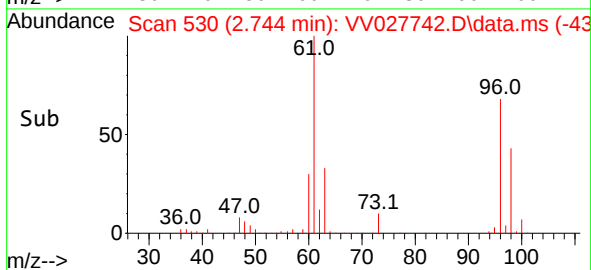
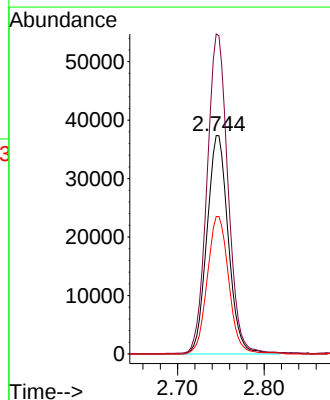
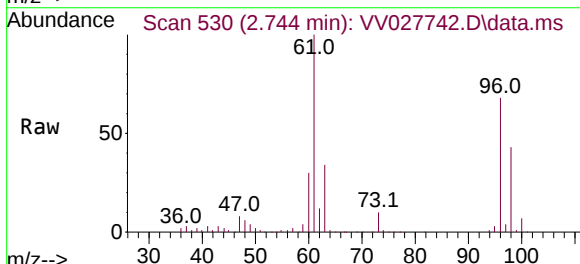
Instrument :
MSVOA_V
ClientSampleId :
VSTD005229

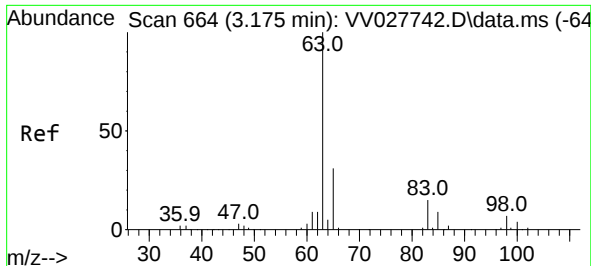
Tgt Ion: 73 Resp: 149162
Ion Ratio Lower Upper
73 100
43 21.9 17.5 26.3
57 21.1 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 3.777 ug/L
RT: 2.744 min Scan# 530
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

Tgt Ion: 96 Resp: 64059
Ion Ratio Lower Upper
96 100
61 146.5 102.6 190.5
98 62.9 44.0 81.8





#19

1,1-Dichloroethane

Concen: 3.712 ug/L

RT: 3.175 min Scan# 664

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005229

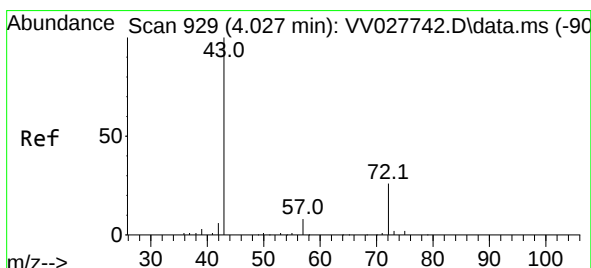
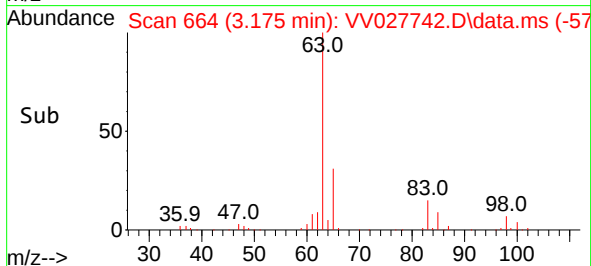
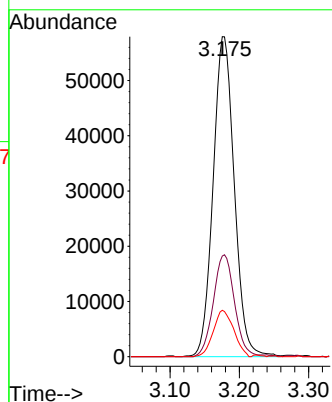
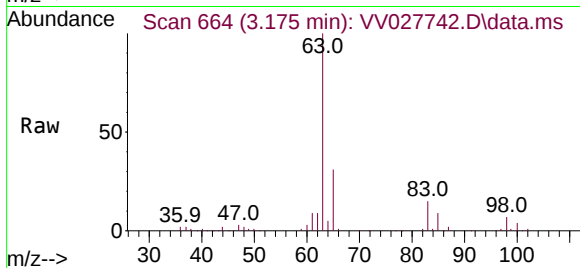
Tgt Ion: 63 Resp: 123207

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 14.5 10.1 18.9



#21

2-Butanone

Concen: 45.893 ug/L

RT: 4.027 min Scan# 929

Delta R.T. 0.000 min

Lab File: VV027742.D

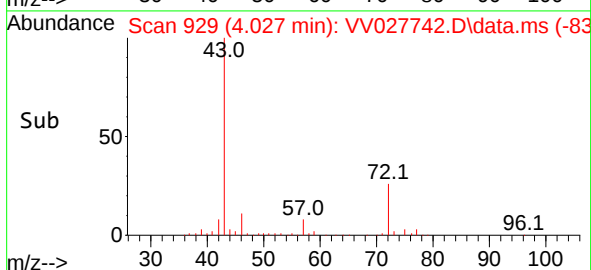
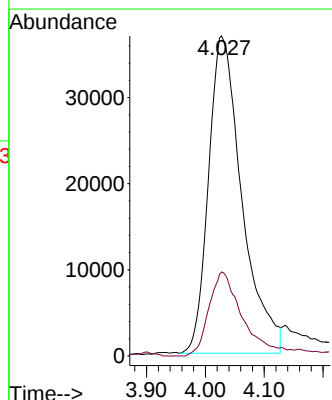
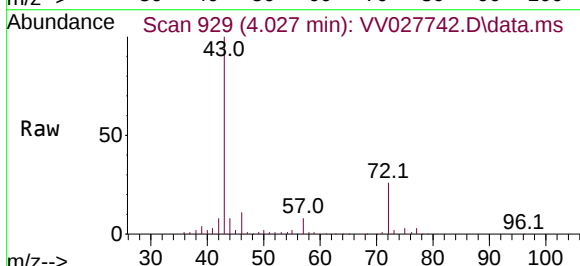
Acq: 06 Sep 2022 15:03

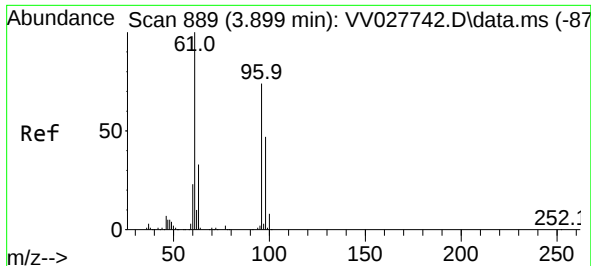
Tgt Ion: 43 Resp: 145406

Ion Ratio Lower Upper

43 100

72 26.0 13.0 39.0

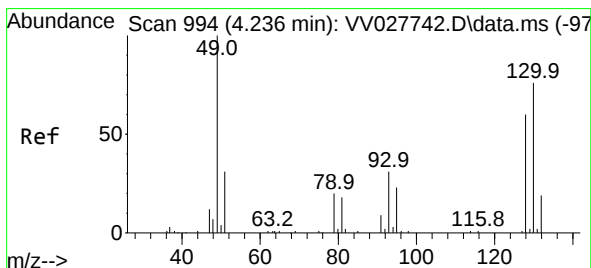
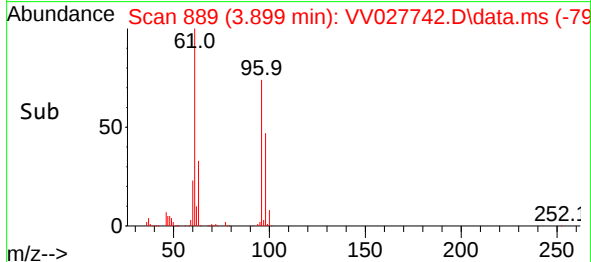
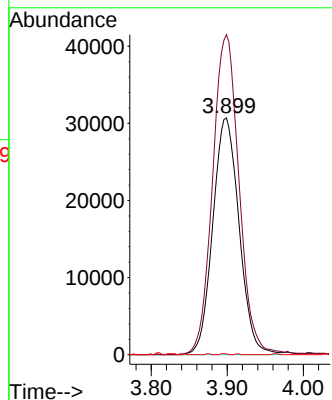
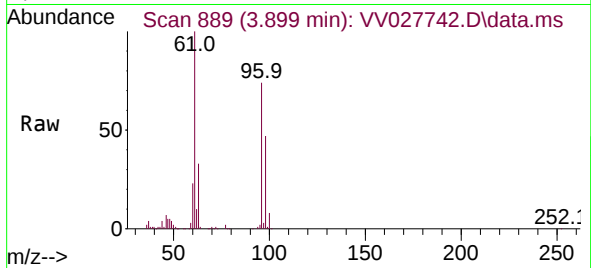




#22
 cis-1,2-Dichloroethene
 Concen: 4.244 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. 0.000 min
 Lab File: VV027742.D
 Acq: 06 Sep 2022 15:03

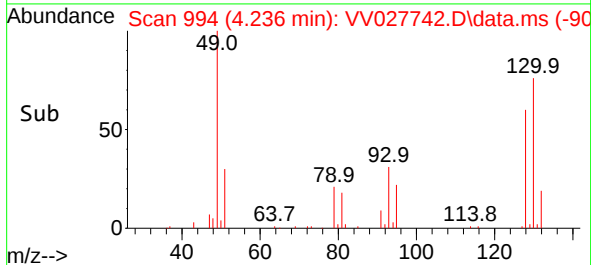
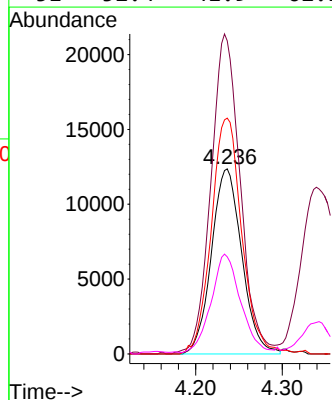
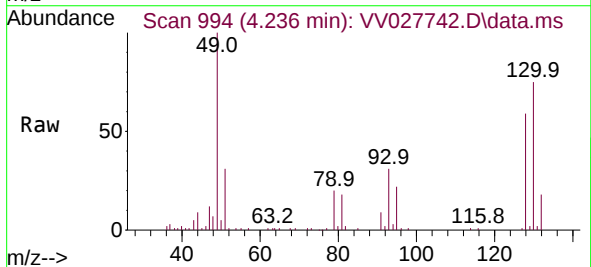
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005229

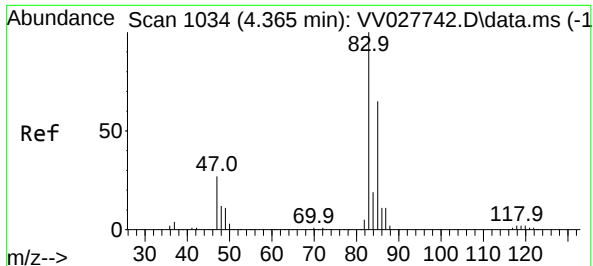
Tgt Ion: 96 Resp: 73731
 Ion Ratio Lower Upper
 96 100
 61 135.1 94.6 175.6
 68 0.4 0.3 0.5



#23
 Bromochloromethane
 Concen: 3.999 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VV027742.D
 Acq: 06 Sep 2022 15:03

Tgt Ion: 128 Resp: 30067
 Ion Ratio Lower Upper
 128 100
 49 169.1 118.4 219.8
 130 127.4 89.2 165.6
 51 52.4 41.9 62.9





#25

Chloroform

Concen: 4.045 ug/L

RT: 4.365 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

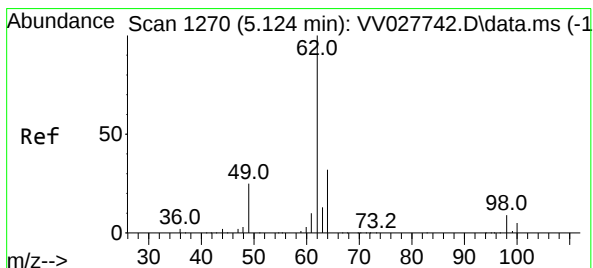
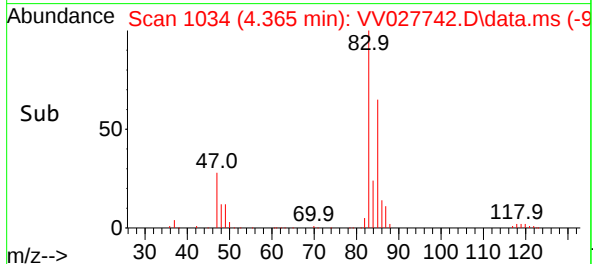
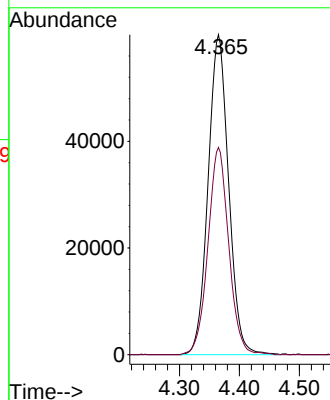
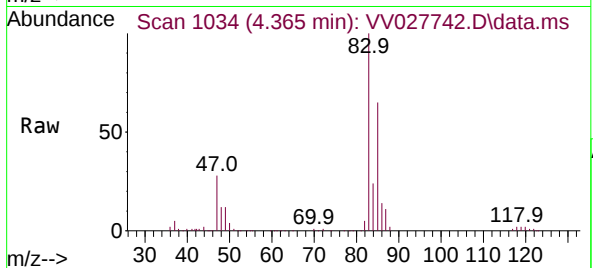
VSTD005229

Tgt Ion: 83 Resp: 142520

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.453 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV027742.D

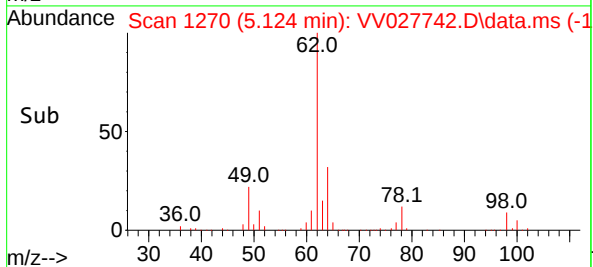
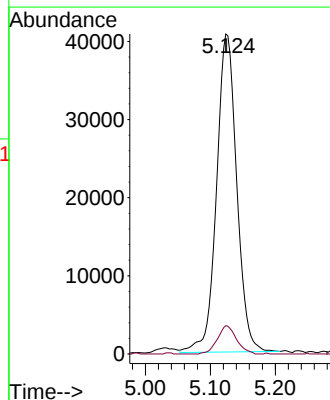
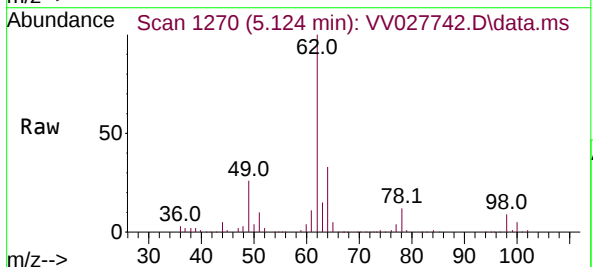
Acq: 06 Sep 2022 15:03

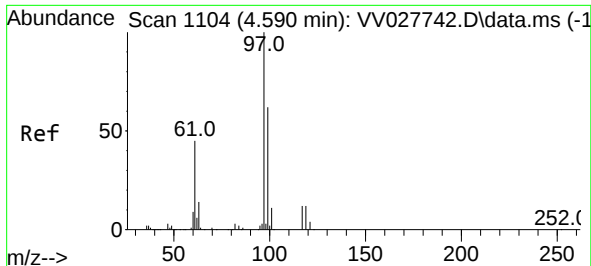
Tgt Ion: 62 Resp: 87863

Ion Ratio Lower Upper

62 100

98 8.9 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 4.858 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005229

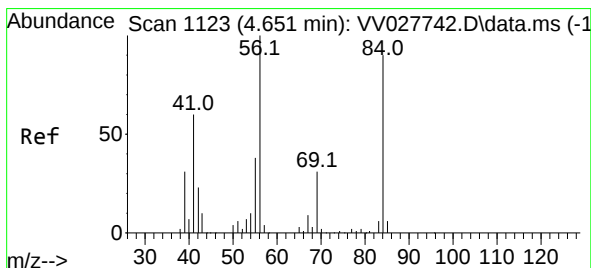
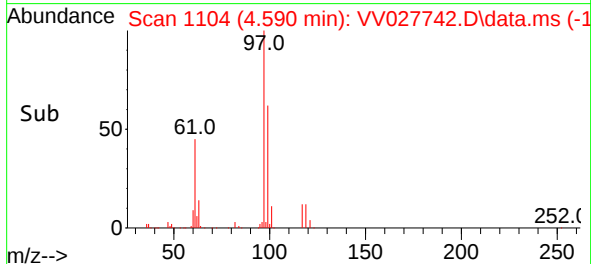
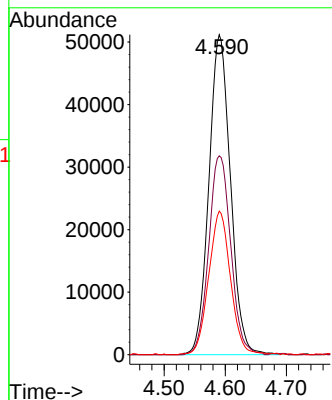
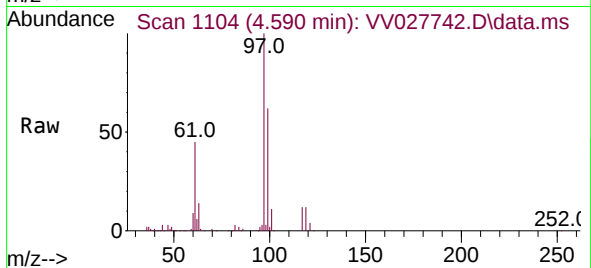
Tgt Ion: 97 Resp: 125538

Ion Ratio Lower Upper

97 100

99 63.5 50.8 76.2

61 45.3 36.2 54.4



#30

Cyclohexane

Concen: 4.756 ug/L

RT: 4.651 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

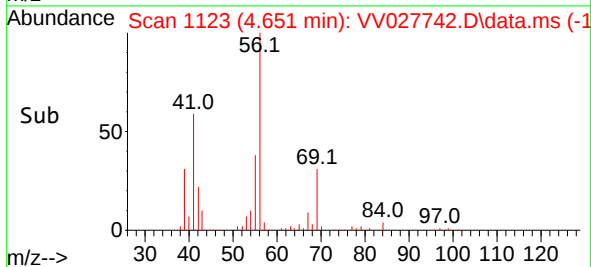
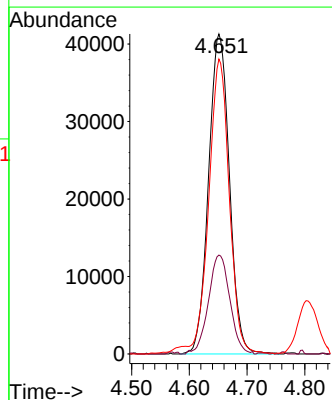
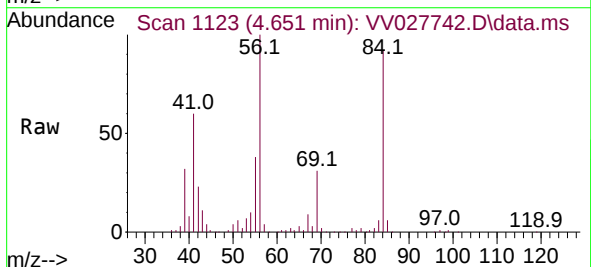
Tgt Ion: 56 Resp: 103587

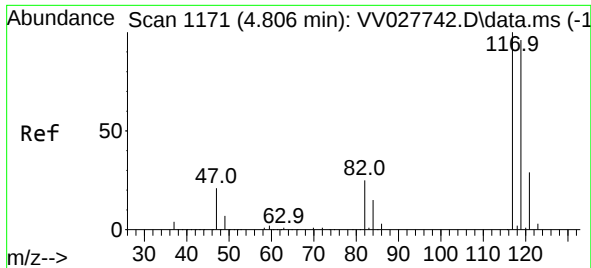
Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 92.3 73.8 110.8

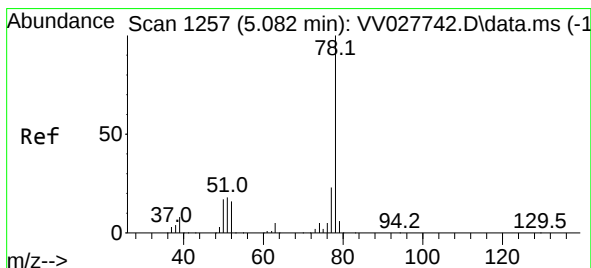
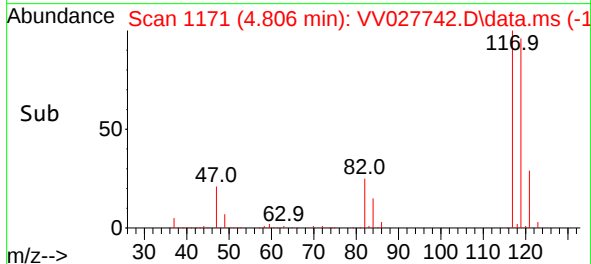
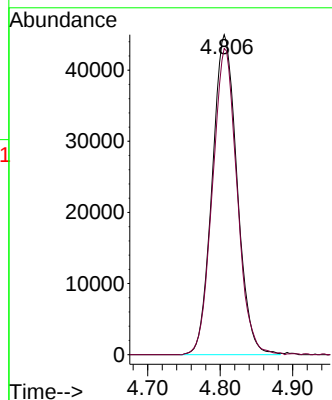
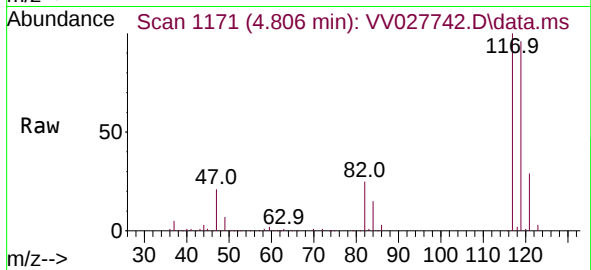




#31
Carbon tetrachloride
Concen: 4.843 ug/L
RT: 4.806 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

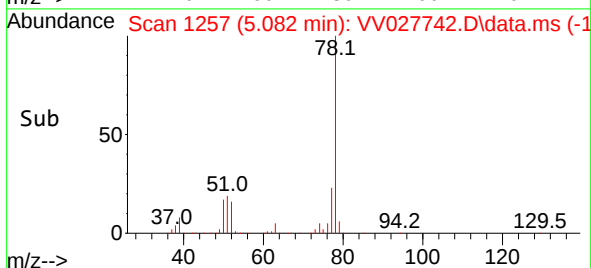
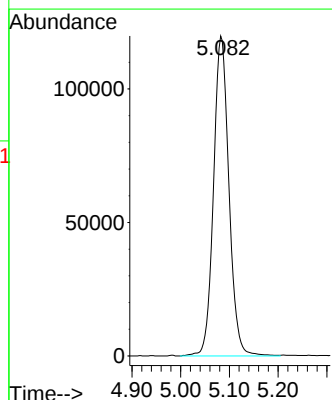
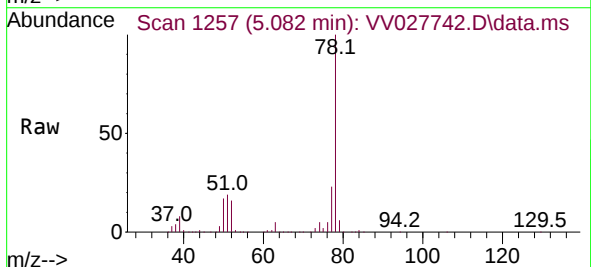
Instrument :
MSVOA_V
ClientSampleId :
VSTD005229

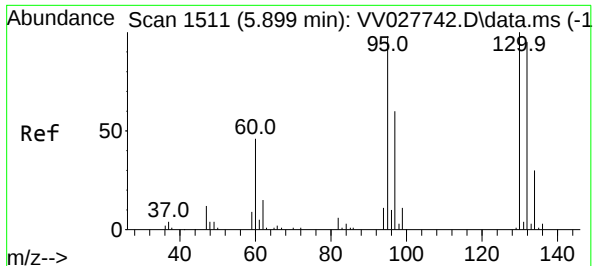
Tgt Ion:117 Resp: 106988
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8



#33
Benzene
Concen: 4.612 ug/L
RT: 5.082 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

Tgt Ion: 78 Resp: 263212

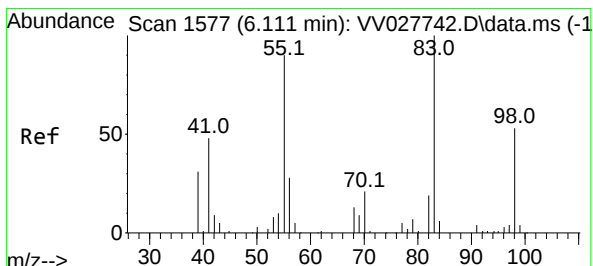
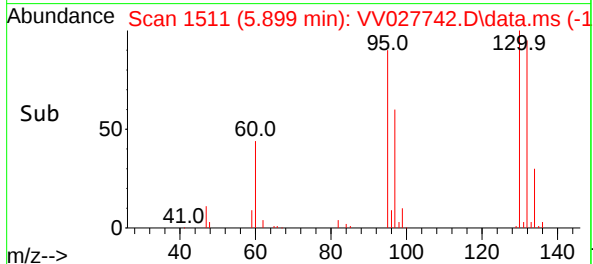
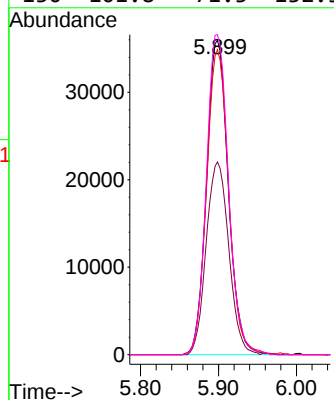
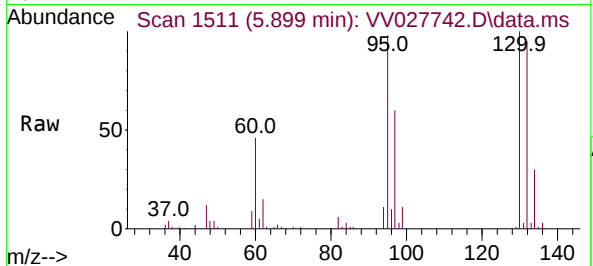




#34
Trichloroethene
Concen: 4.889 ug/L
RT: 5.899 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

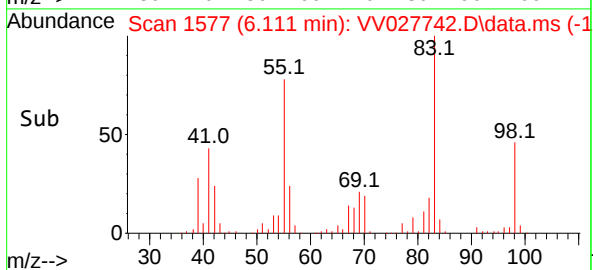
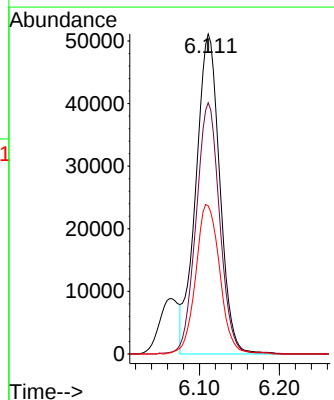
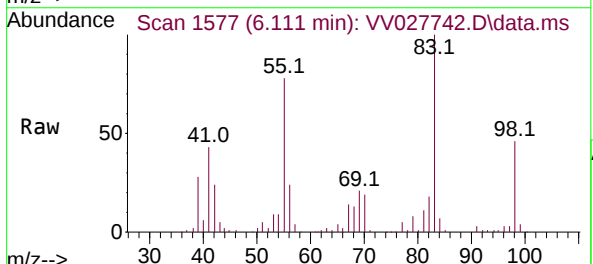
Instrument :
MSVOA_V
ClientSampleId :
VSTD005229

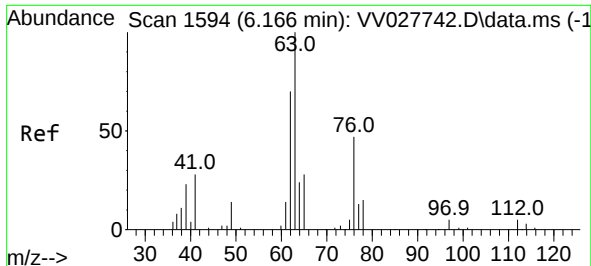
Tgt Ion: 95 Resp: 70136
Ion Ratio Lower Upper
95 100
97 61.3 42.9 79.7
132 97.0 67.9 126.1
130 101.8 71.3 132.3



#35
Methylcyclohexane
Concen: 4.779 ug/L
RT: 6.111 min Scan# 1577
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

Tgt Ion: 83 Resp: 106387
Ion Ratio Lower Upper
83 100
55 77.4 61.9 92.9
98 46.9 37.5 56.3





#37

1,2-Dichloropropane

Concen: 4.677 ug/L

RT: 6.166 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

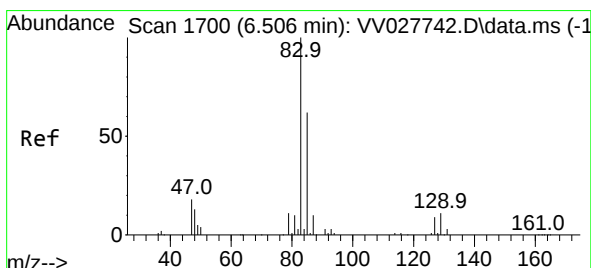
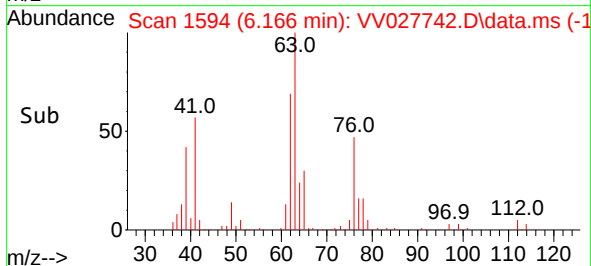
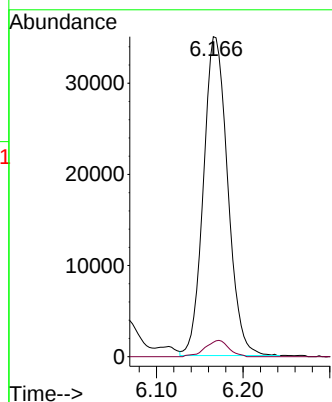
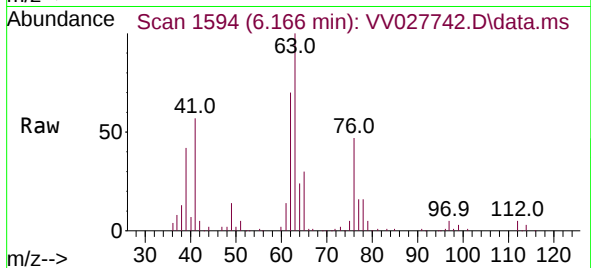
VSTD005229

Tgt Ion: 63 Resp: 68032

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 4.642 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

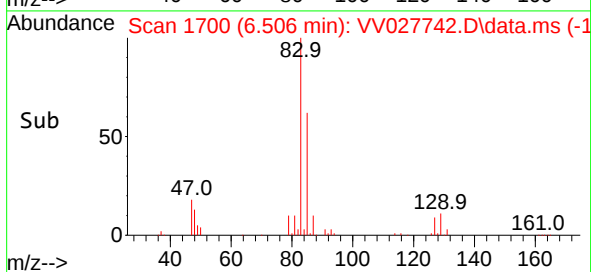
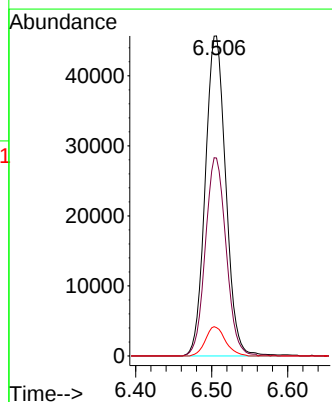
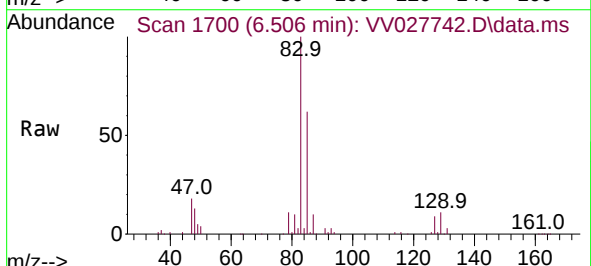
Tgt Ion: 83 Resp: 85471

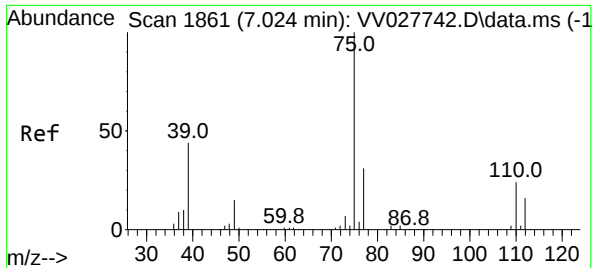
Ion Ratio Lower Upper

83 100

85 61.8 43.3 80.3

127 8.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.186 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

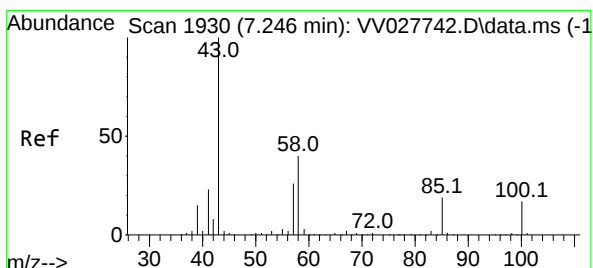
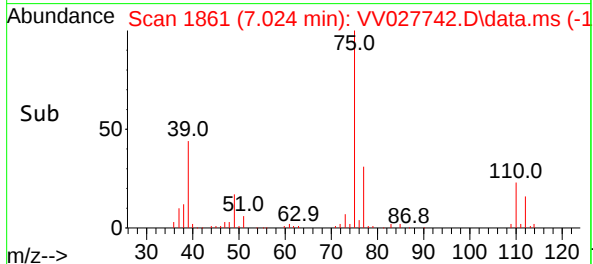
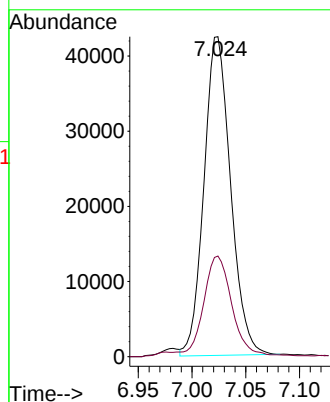
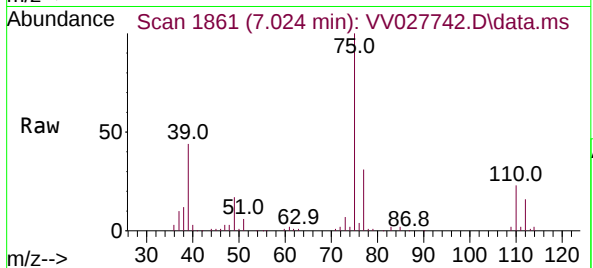
VSTD005229

Tgt Ion: 75 Resp: 73193

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 44.140 ug/L

RT: 7.246 min Scan# 1930

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

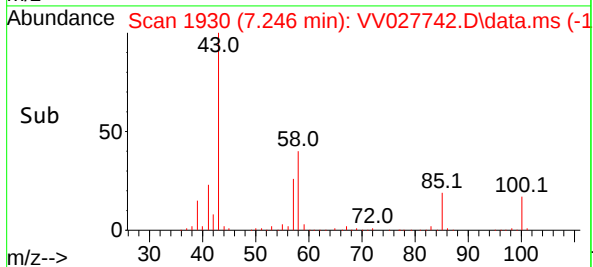
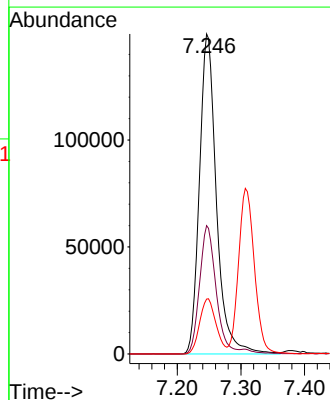
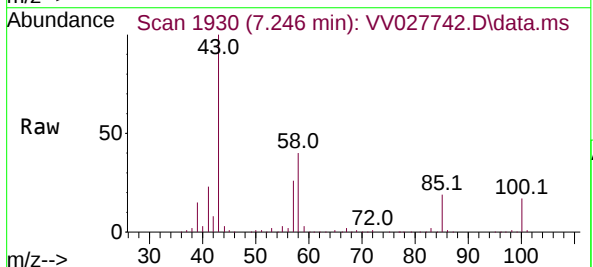
Tgt Ion: 43 Resp: 277912

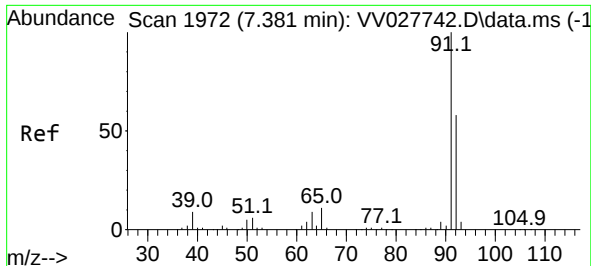
Ion Ratio Lower Upper

43 100

58 38.6 30.9 46.3

100 16.7 13.4 20.0





#42

Toluene

Concen: 4.746 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

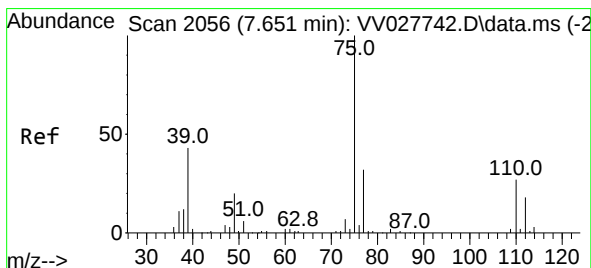
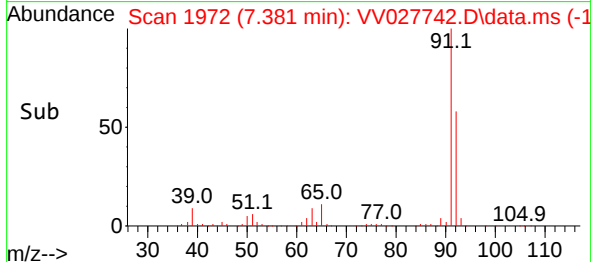
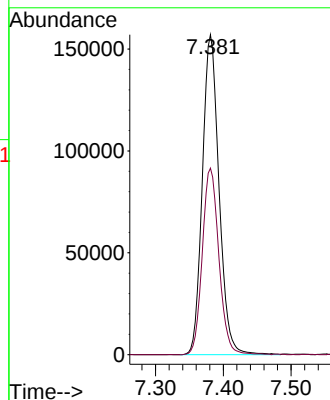
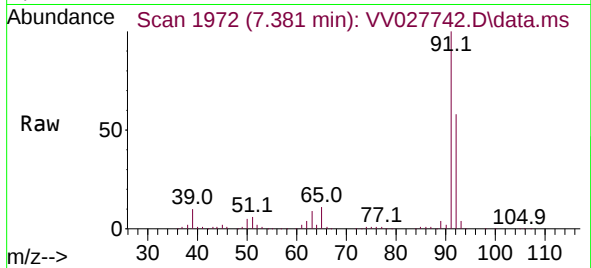
VSTD005229

Tgt Ion: 91 Resp: 268663

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.532 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV027742.D

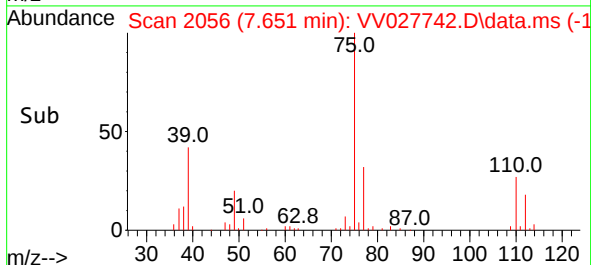
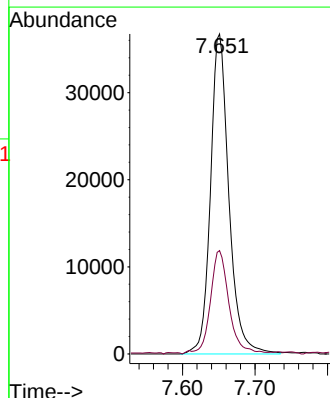
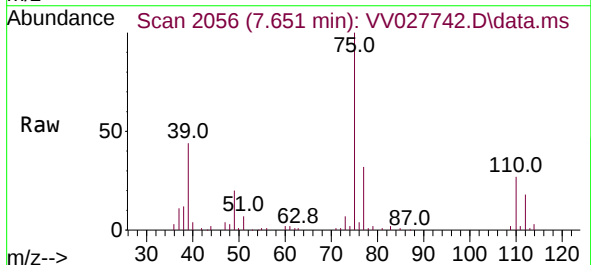
Acq: 06 Sep 2022 15:03

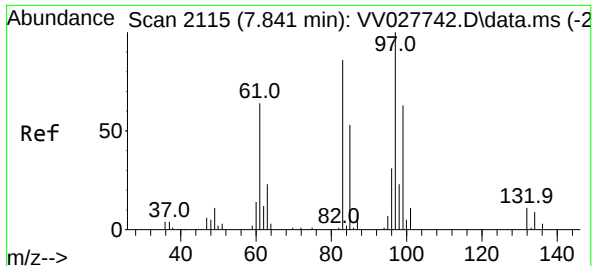
Tgt Ion: 75 Resp: 64625

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 4.441 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005229

Tgt Ion: 97 Resp: 41014

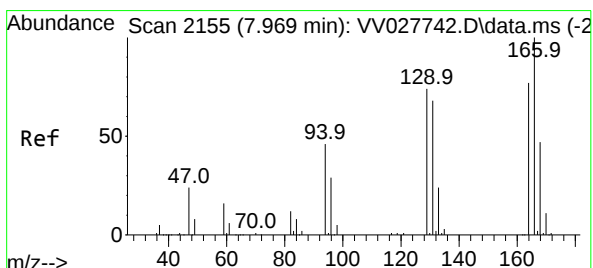
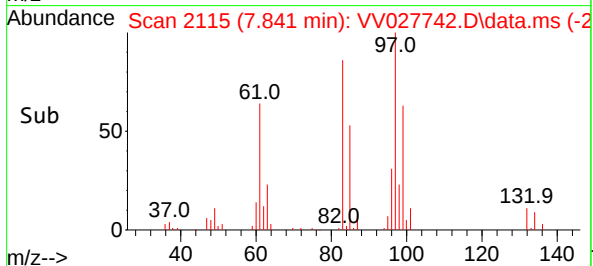
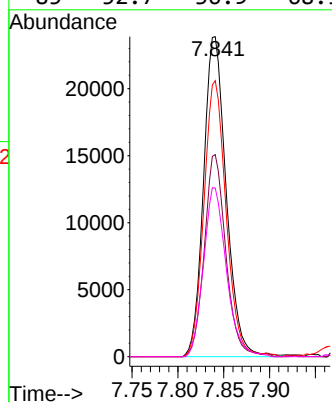
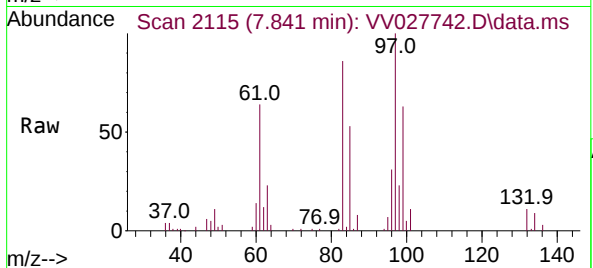
Ion Ratio Lower Upper

97 100

99 63.1 44.2 82.0

83 86.2 60.3 112.1

85 52.7 36.9 68.5



#47

Tetrachloroethene

Concen: 4.559 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Tgt Ion: 164 Resp: 52173

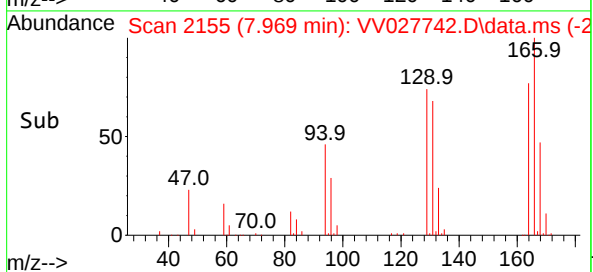
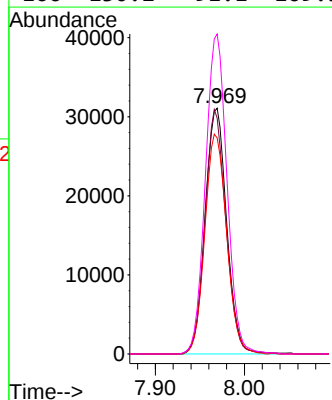
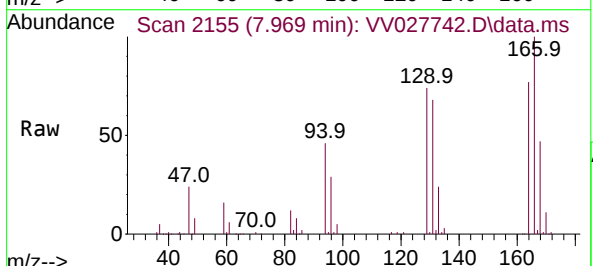
Ion Ratio Lower Upper

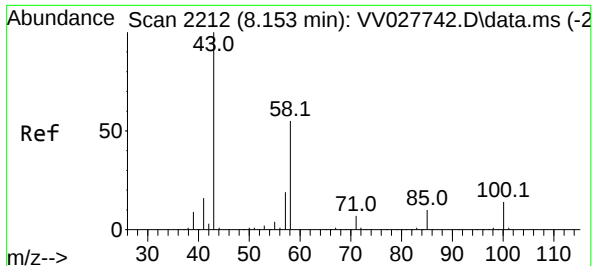
164 100

129 96.0 67.2 124.8

131 87.9 61.5 114.3

166 130.2 91.1 169.3



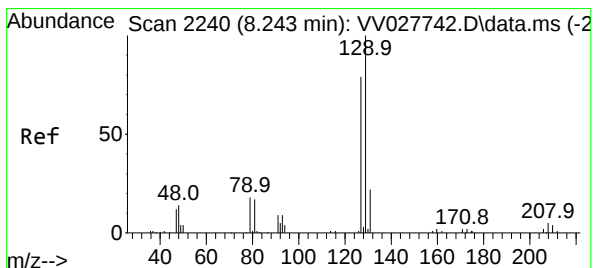
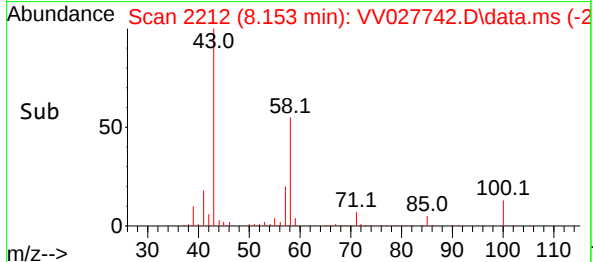
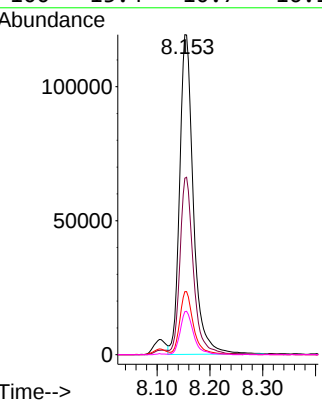
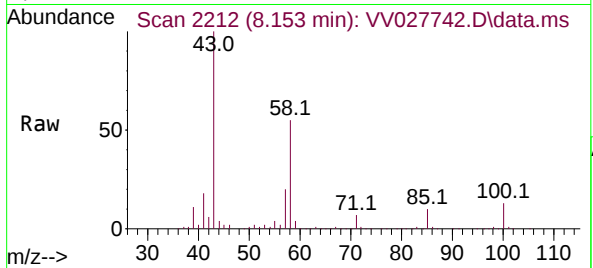


#48
2-Hexanone
Concen: 45.539 ug/L
RT: 8.153 min Scan# 215165
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005229

Tgt Ion: 43 Resp: 215165

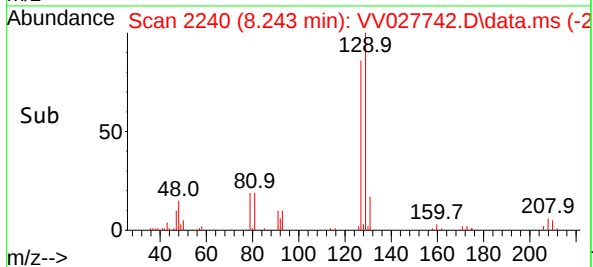
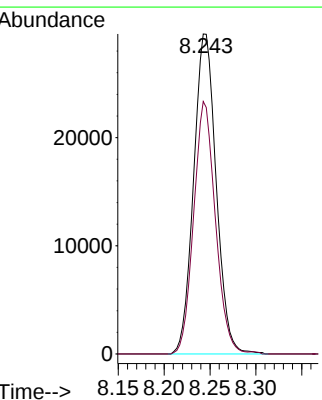
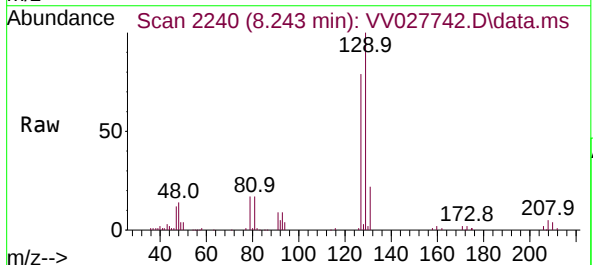
Ion	Ratio	Lower	Upper
43	100		
58	54.0	43.2	64.8
57	19.5	15.6	23.4
100	13.4	10.7	16.1

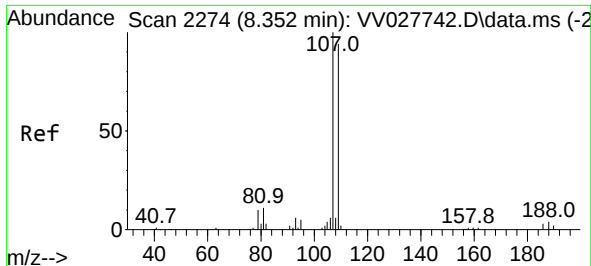


#49
Dibromochloromethane
Concen: 4.595 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

Tgt Ion: 129 Resp: 50657

Ion	Ratio	Lower	Upper
129	100		
127	78.9	55.2	102.6





#50

1,2-Dibromoethane

Concen: 4.413 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

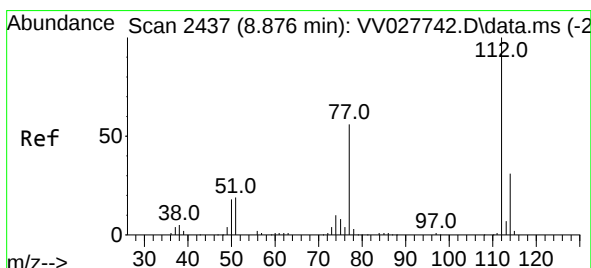
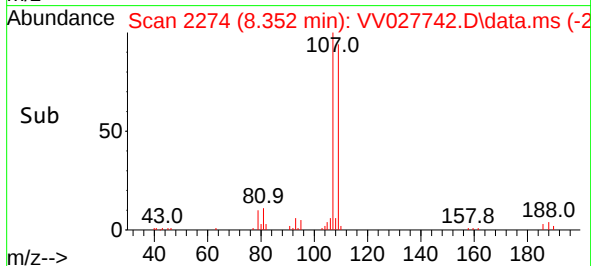
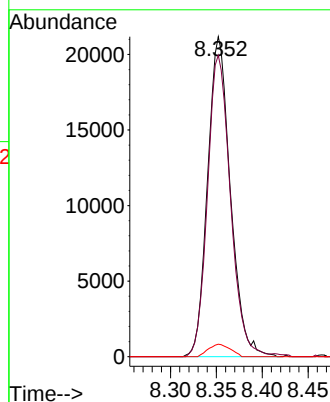
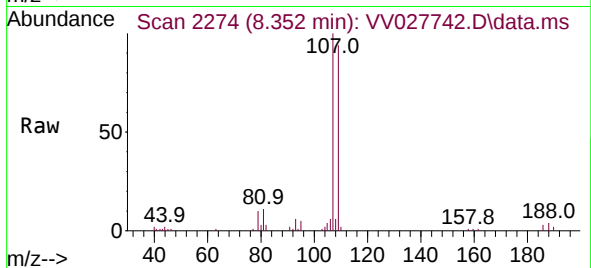
Instrument :

MSVOA_V

ClientSampleId :

VSTD005229

Tgt Ion:107	Resp:	36646
Ion Ratio	Lower	Upper
107	100	
109	94.2	65.9 122.5
188	3.9	3.1 4.7



#51

Chlorobenzene

Concen: 4.562 ug/L

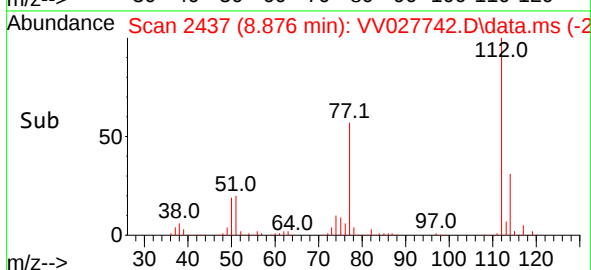
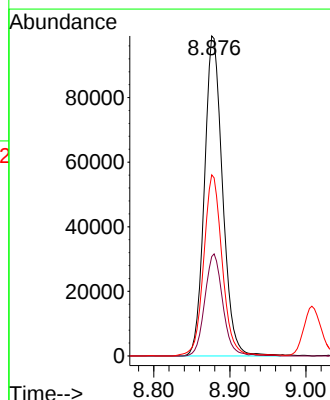
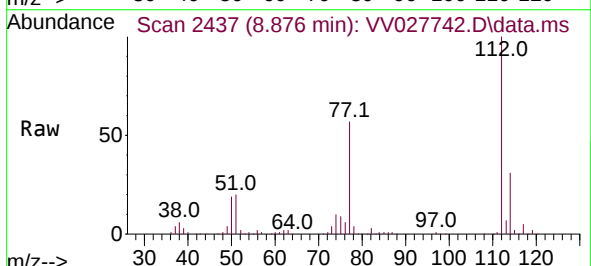
RT: 8.876 min Scan# 2437

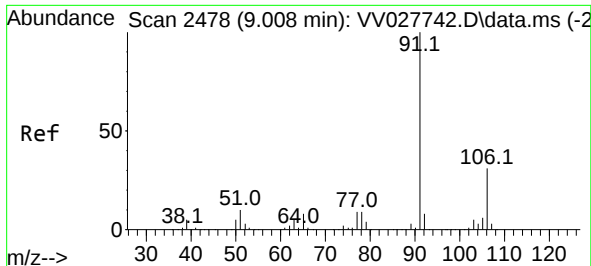
Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Tgt Ion:112	Resp:	164292
Ion Ratio	Lower	Upper
112	100	
114	31.0	21.7 40.3
77	56.6	45.3 67.9





#52

Ethylbenzene

Concen: 4.521 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

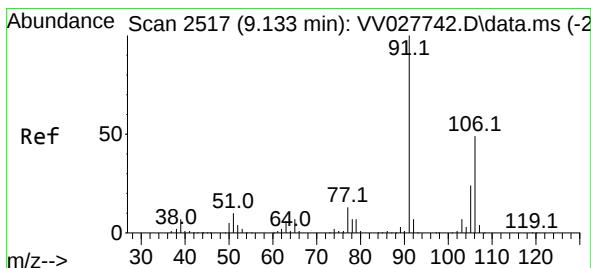
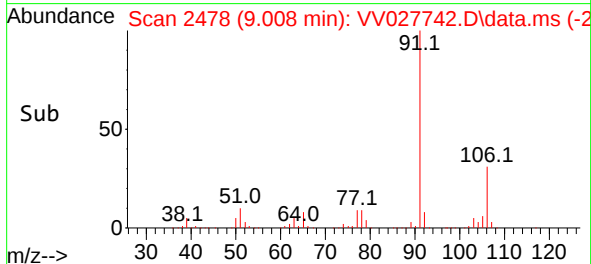
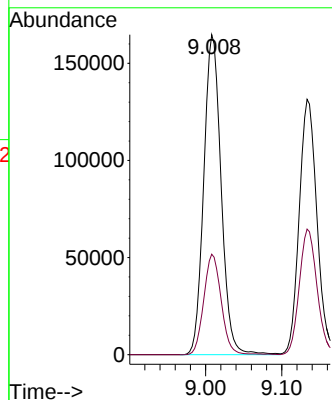
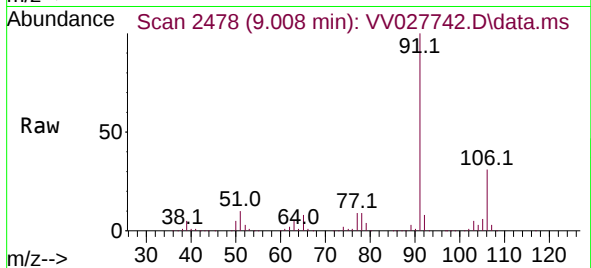
VSTD005229

Tgt Ion: 91 Resp: 261555

Ion Ratio Lower Upper

91 100

106 31.4 22.0 40.8



#53

m,p-Xylene

Concen: 4.711 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.000 min

Lab File: VV027742.D

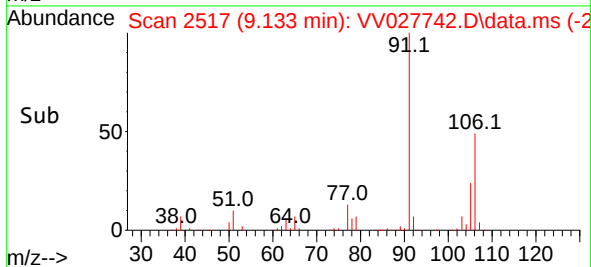
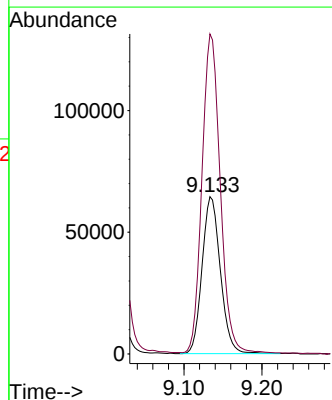
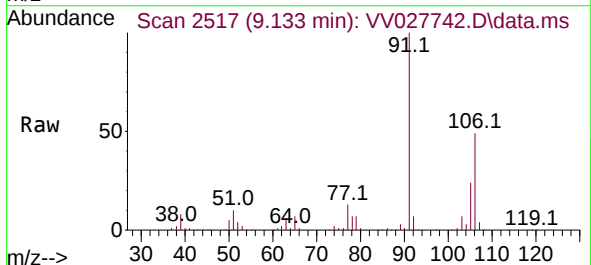
Acq: 06 Sep 2022 15:03

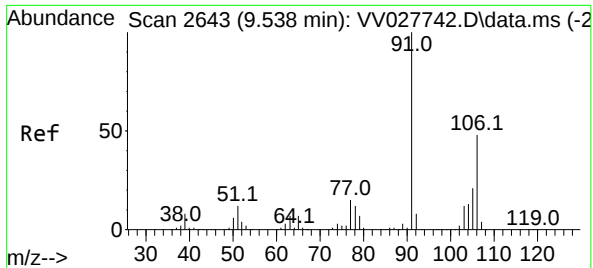
Tgt Ion: 106 Resp: 105271

Ion Ratio Lower Upper

106 100

91 203.4 142.4 264.4

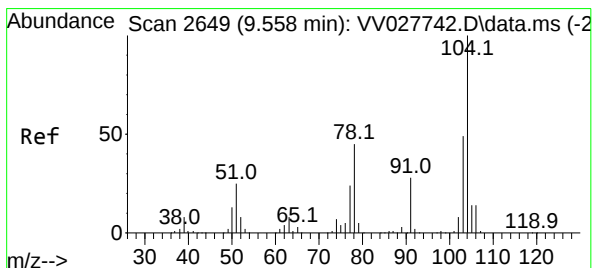
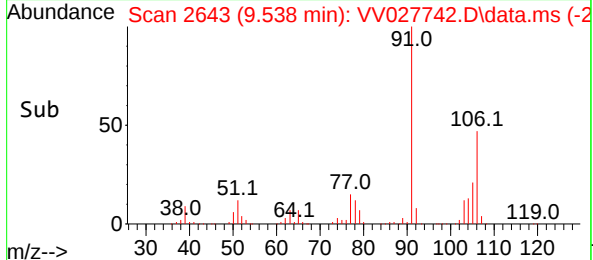
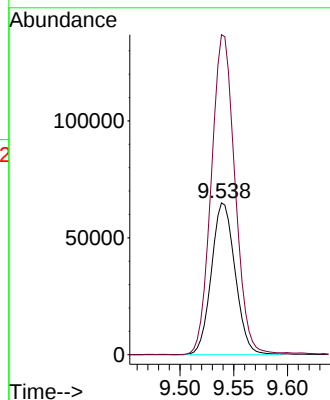
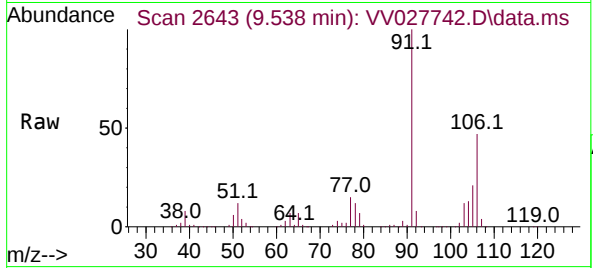




#54
o-Xylene
Concen: 4.680 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

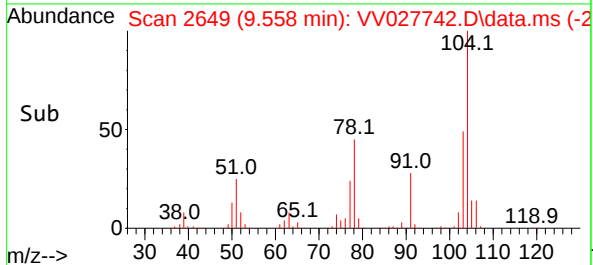
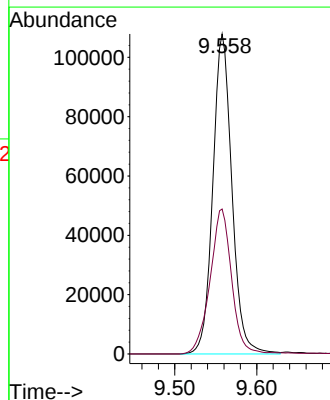
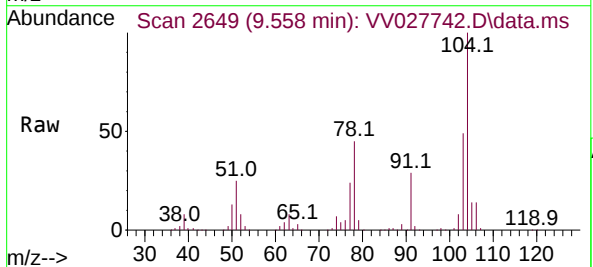
Instrument :
MSVOA_V
ClientSampleId :
VSTD005229

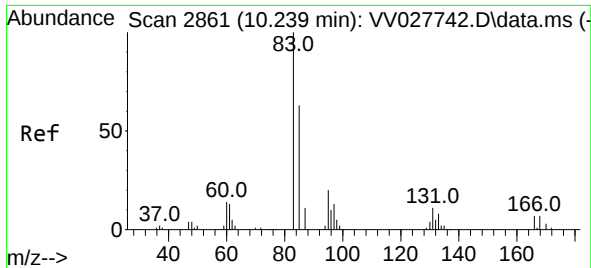
Tgt Ion:106 Resp: 99801
Ion Ratio Lower Upper
106 100
91 210.7 147.5 273.9



#55
Styrene
Concen: 4.809 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

Tgt Ion:104 Resp: 174607
Ion Ratio Lower Upper
104 100
78 45.3 31.7 58.9

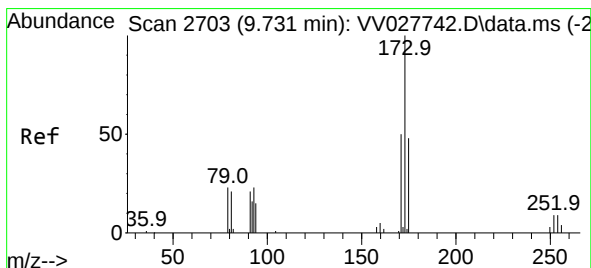
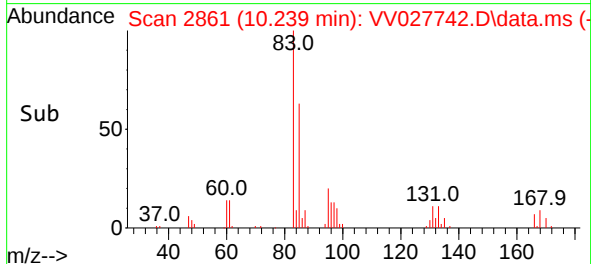
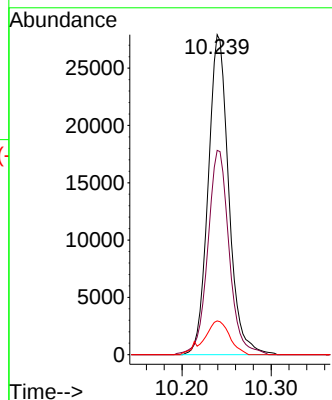
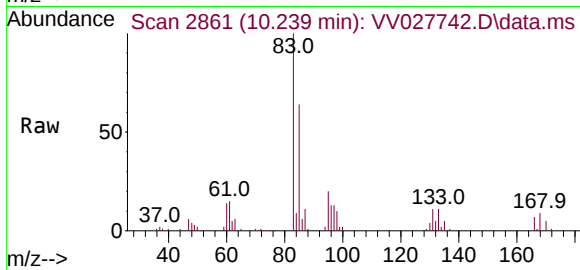




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.402 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV027742.D
 Acq: 06 Sep 2022 15:03

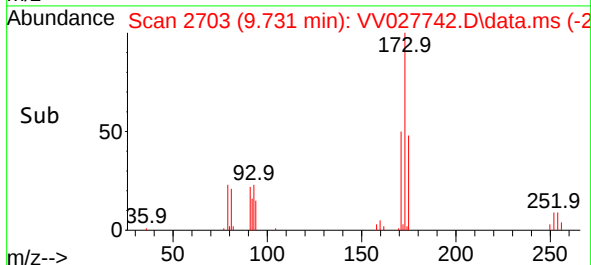
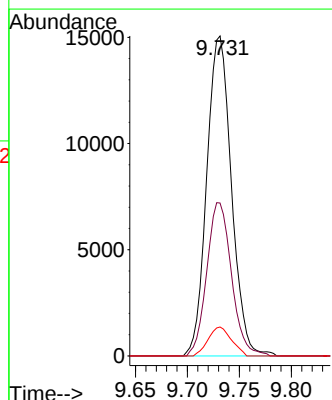
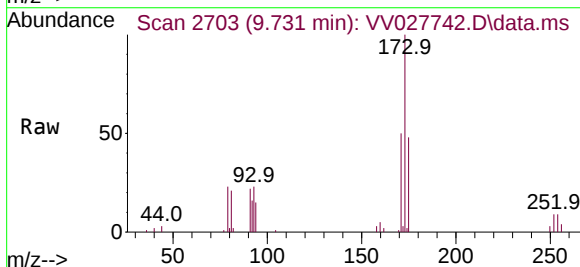
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005229

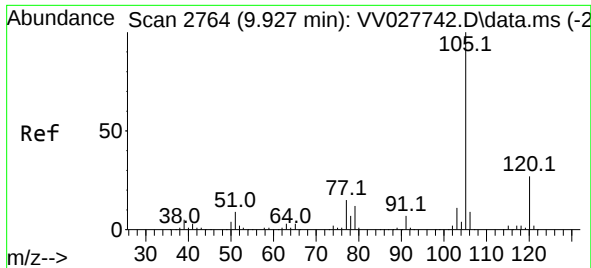
Tgt Ion:	83	Resp:	44699
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.7	83.1
131	10.6	8.5	12.7



#59
 Bromoform
 Concen: 4.476 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV027742.D
 Acq: 06 Sep 2022 15:03

Tgt Ion:	173	Resp:	24903
Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.4	57.6
254	8.5	6.8	10.2

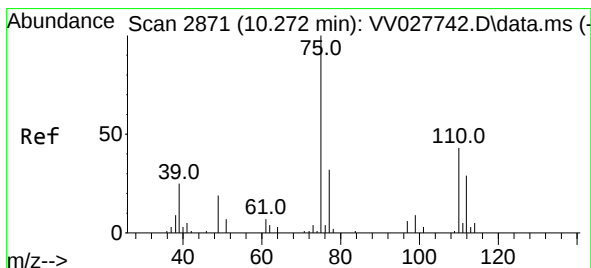
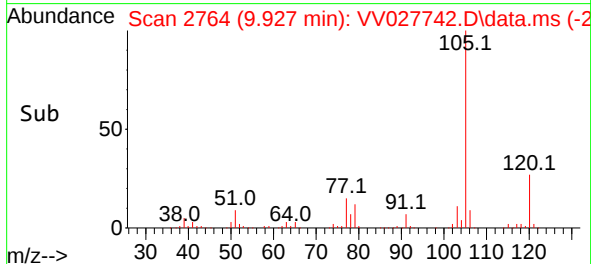
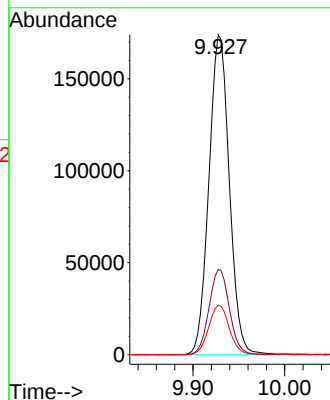
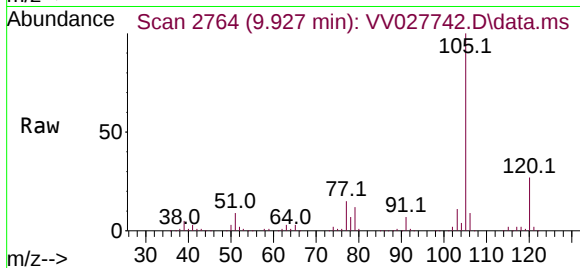




#60
Isopropylbenzene
Concen: 4.542 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

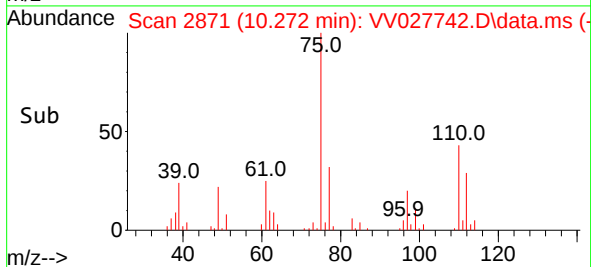
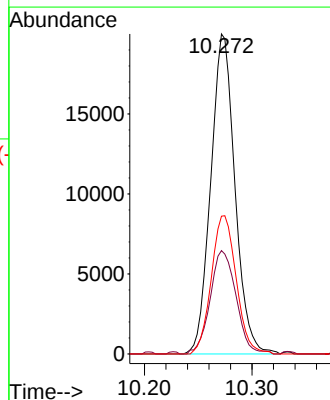
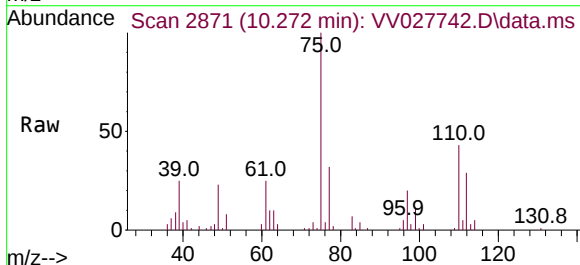
Instrument :
MSVOA_V
ClientSampleId :
VSTD005229

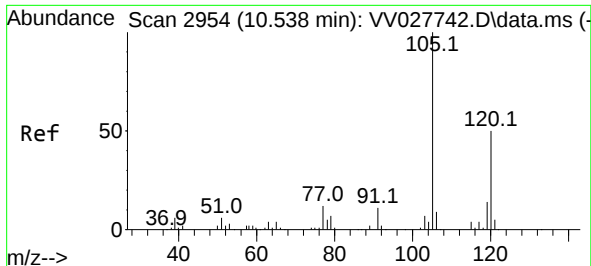
Tgt Ion:105 Resp: 269173
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.047 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

Tgt Ion: 75 Resp: 31257
Ion Ratio Lower Upper
75 100
77 34.5 27.6 41.4
110 44.5 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 4.463 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

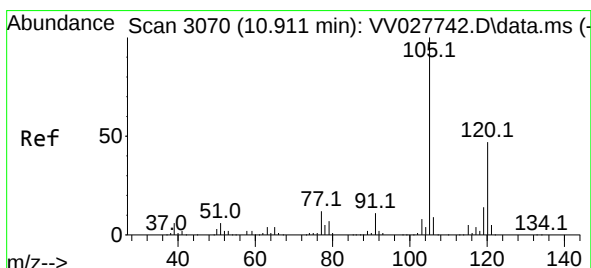
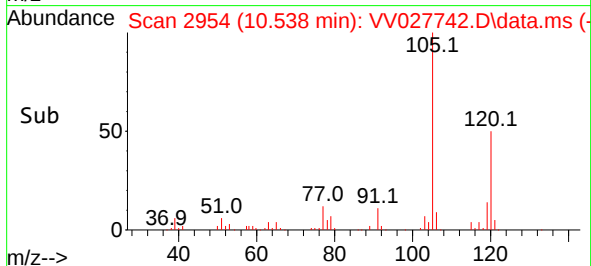
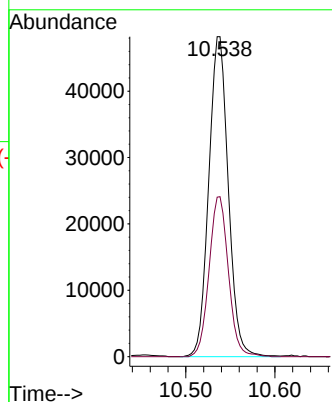
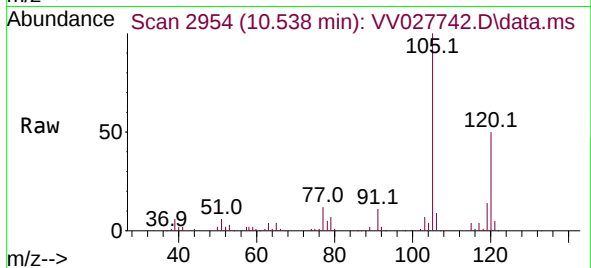
VSTD005229

Tgt Ion:105 Resp: 73162

Ion Ratio Lower Upper

105 100

120 49.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.304 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027742.D

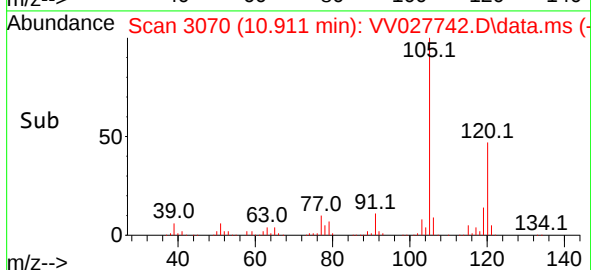
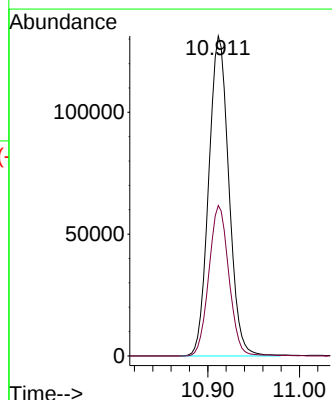
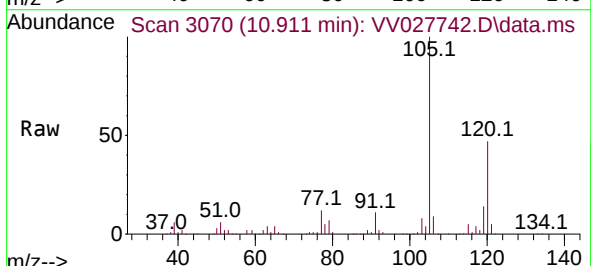
Acq: 06 Sep 2022 15:03

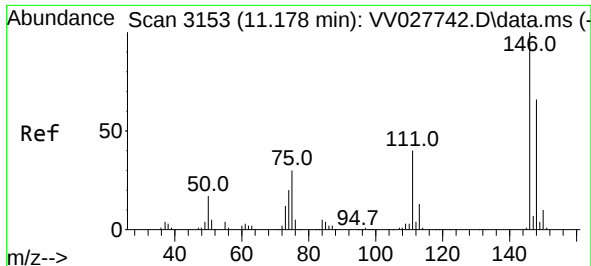
Tgt Ion:105 Resp: 200337

Ion Ratio Lower Upper

105 100

120 46.7 37.4 56.0

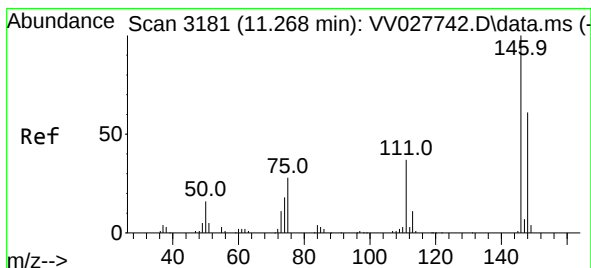
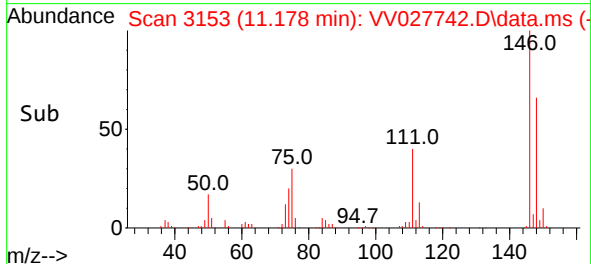
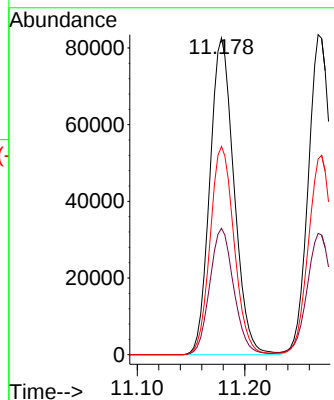
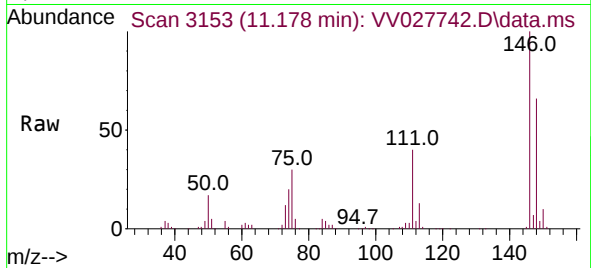




#64
1,3-Dichlorobenzene
Concen: 4.532 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

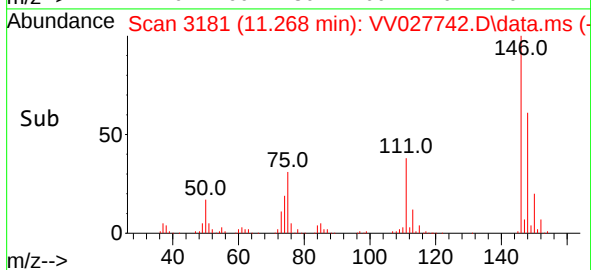
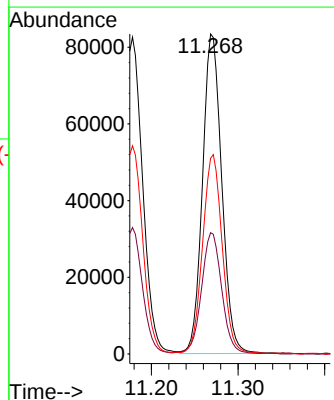
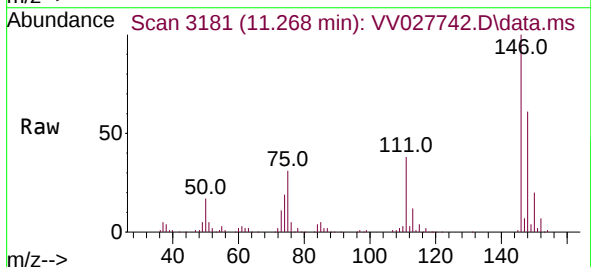
Instrument :
MSVOA_V
ClientSampleId :
VSTD005229

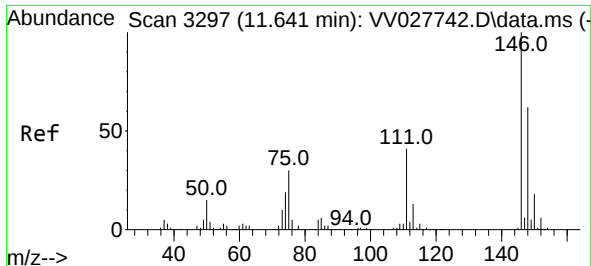
Tgt Ion:146 Resp: 128967
Ion Ratio Lower Upper
146 100
111 39.9 27.9 51.9
148 65.7 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 4.533 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV027742.D
Acq: 06 Sep 2022 15:03

Tgt Ion:146 Resp: 128858
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 61.1 42.8 79.4





#67

1,2-Dichlorobenzene

Concen: 4.550 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005229

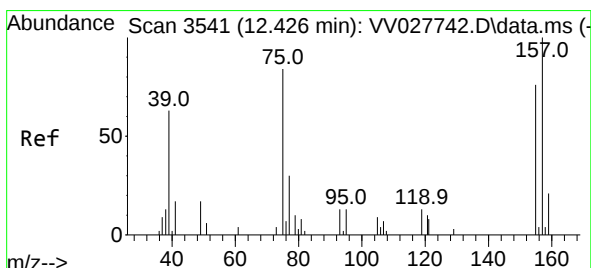
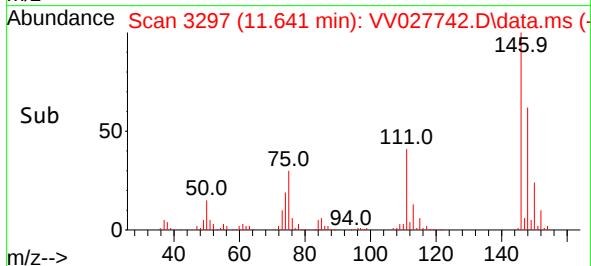
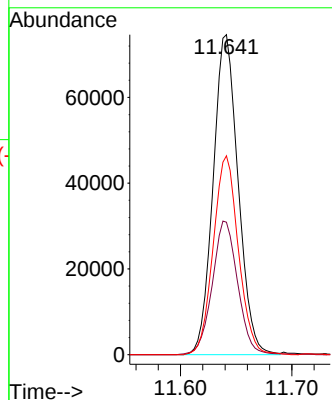
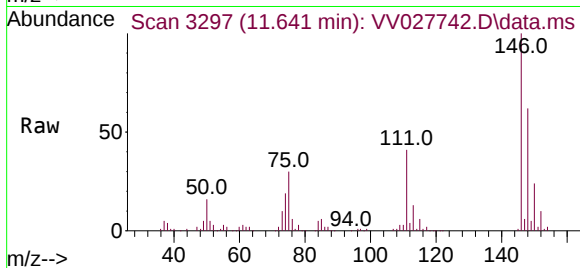
Tgt Ion:146 Resp: 116638

Ion Ratio Lower Upper

146 100

111 41.4 33.1 49.7

148 62.2 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.167 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

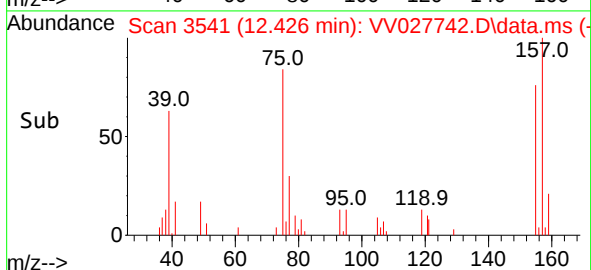
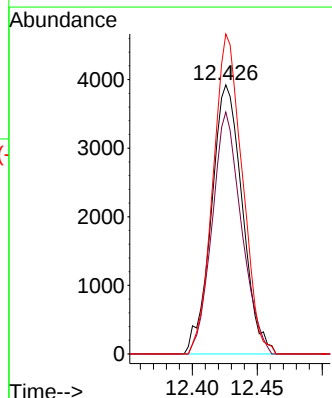
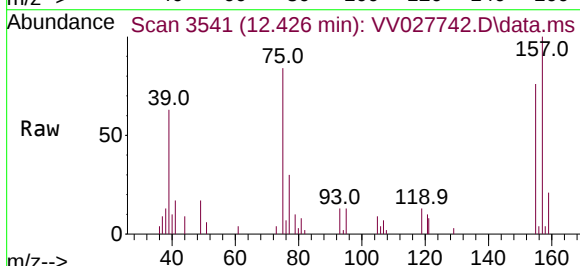
Tgt Ion: 75 Resp: 6468

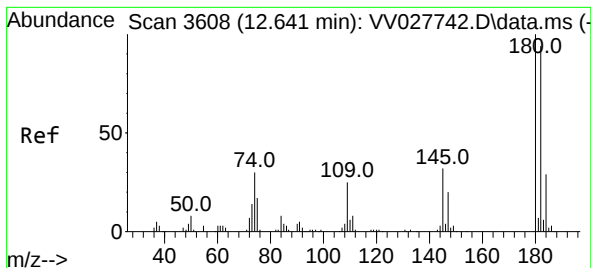
Ion Ratio Lower Upper

75 100

155 89.9 71.9 107.9

157 118.9 95.1 142.7





#69

1,3,5-Trichlorobenzene

Concen: 4.450 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005229

Tgt Ion:180 Resp: 92034

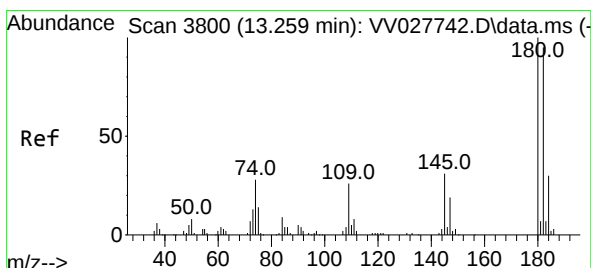
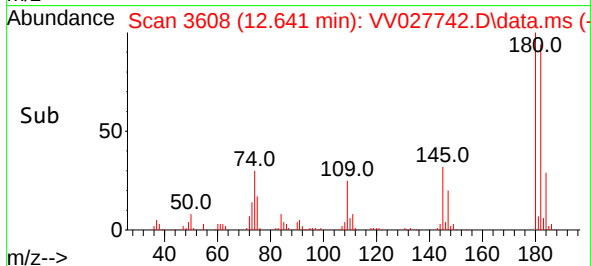
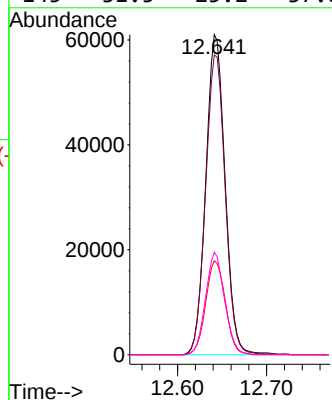
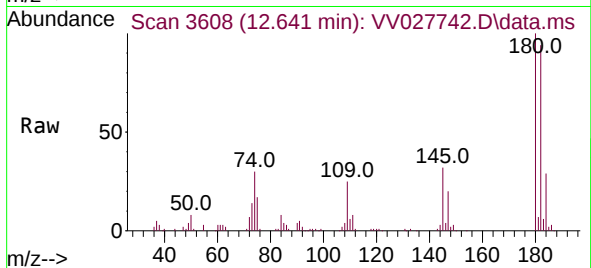
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

184 29.7 23.8 35.6

145 31.5 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.403 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

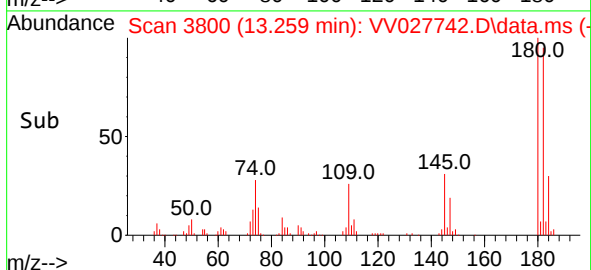
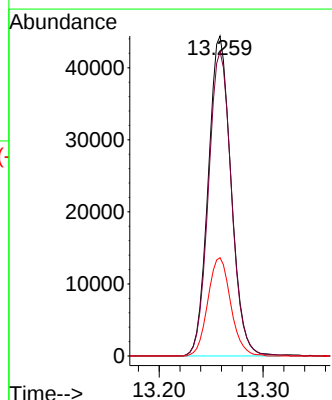
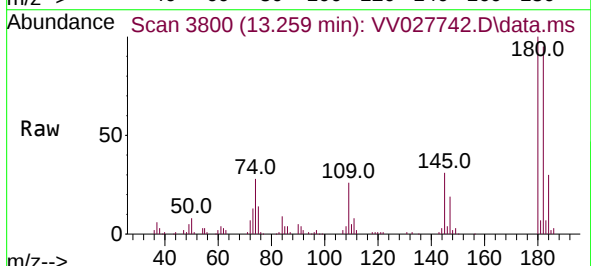
Tgt Ion:180 Resp: 67670

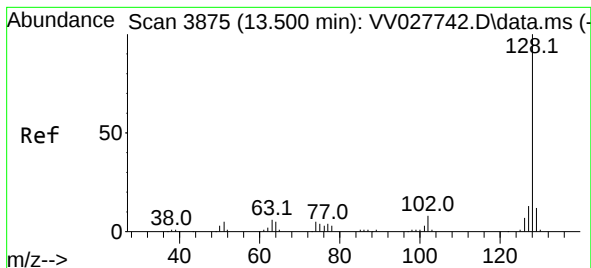
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

145 30.8 24.6 37.0





#71

Naphthalene

Concen: 3.768 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005229

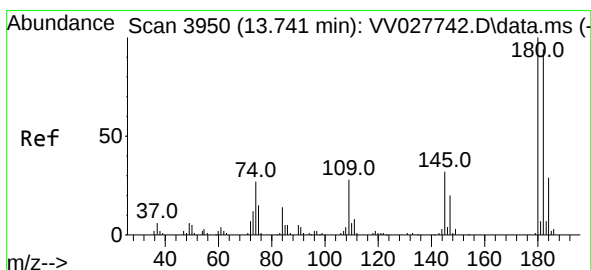
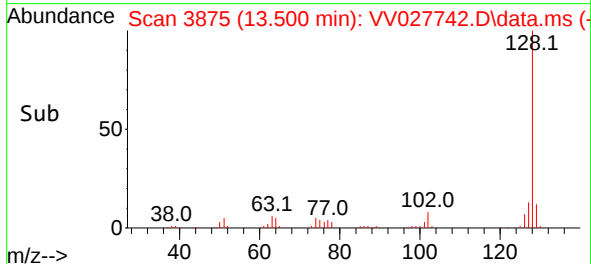
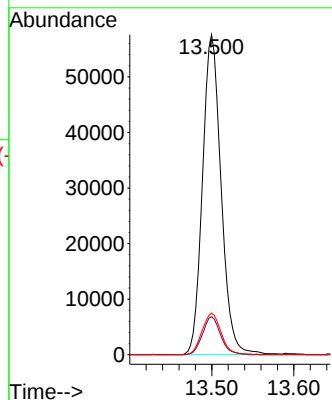
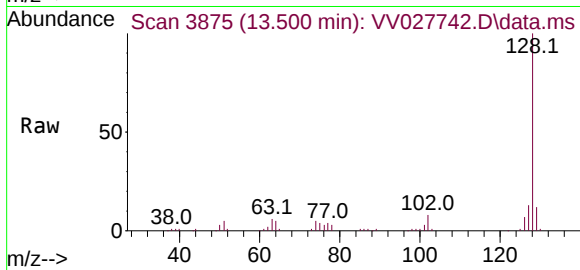
Tgt Ion:128 Resp: 91013

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 13.3 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.432 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027742.D

Acq: 06 Sep 2022 15:03

Tgt Ion:180 Resp: 61525

Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

145 33.1 26.5 39.7

