

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081622\
 Data File : VW027412.D
 Acq On : 16 Aug 2022 17:14
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005374

Quant Time: Aug 16 19:16:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	145131	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	40709	3.229	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.561	69	34611	3.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.105	63	98568	4.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.883	46	111147	52.049	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.100%
24) Chloroform-d	4.342	84	109611	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.030	65	55793	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.047	84	188387	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.069	67	63217	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.313	98	178356	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.622	79	23751	4.833	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.088	63	107509	56.526	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.060%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54938	5.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	66448	4.540	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	83119	4.819	ug/L	100
3) Chloromethane	1.236	50	71862	4.165	ug/L	99
5) Vinyl chloride	1.307	62	70625	4.389	ug/L	99
6) Bromomethane	1.516	94	26354	3.508	ug/L	98
8) Chloroethane	1.580	64	38178	4.267	ug/L	95
9) Trichlorofluoromethane	1.748	101	108198	5.036	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	63405	6.285	ug/L	95
12) 1,1-Dichloroethene	2.111	96	57651	5.516	ug/L	90
13) Acetone	2.166	43	59114	37.461	ug/L	100
14) Carbon disulfide	2.288	76	172173	4.114	ug/L	100
15) Methyl Acetate	2.432	43	16969	4.417	ug/L	97
16) Methylene chloride	2.500	84	80194	4.778	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	116160	4.762	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	60747	4.726	ug/L	99
19) 1,1-Dichloroethane	3.185	63	120966	4.915	ug/L	98
21) 2-Butanone	3.969	43	99081	46.113	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	60778	4.808	ug/L	100
23) Bromochloromethane	4.243	128	28662	4.851	ug/L	97
25) Chloroform	4.371	83	131482	5.200	ug/L	100

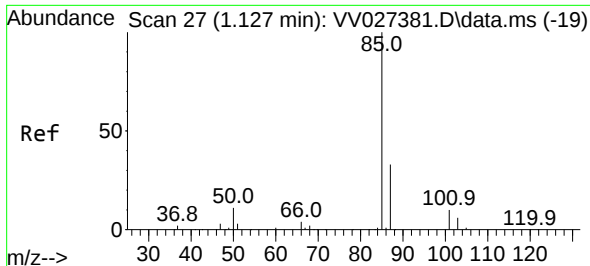
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	70692	4.892	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	112555	5.142	ug/L	98
30) Cyclohexane	4.670	56	83019	4.681	ug/L	99
31) Carbon tetrachloride	4.821	117	95471	5.011	ug/L	99
33) Benzene	5.095	78	250882	4.719	ug/L	100
34) Trichloroethene	5.911	95	62400	4.715	ug/L	99
35) Methylcyclohexane	6.127	83	86297	4.736	ug/L	99
37) 1,2-Dichloropropane	6.169	63	67431	5.131	ug/L	100
38) Bromodichloromethane	6.506	83	85331	5.038	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	80909	5.037	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	336735	49.650	ug/L	100
42) Toluene	7.384	91	283611	5.347	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	72037	5.126	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	46288	4.940	ug/L	98
47) Tetrachloroethene	7.972	164	52418	5.044	ug/L	99
48) 2-Hexanone	8.140	43	256692	52.743	ug/L	99
49) Dibromochloromethane	8.243	129	54681	4.986	ug/L	100
50) 1,2-Dibromoethane	8.352	107	40722	4.889	ug/L #	98
51) Chlorobenzene	8.879	112	171662	4.968	ug/L	100
52) Ethylbenzene	9.011	91	268743	5.042	ug/L	99
53) m,p-Xylene	9.136	106	107108	5.269	ug/L	97
54) o-Xylene	9.542	106	102895	5.175	ug/L	98
55) Styrene	9.558	104	180417	5.277	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	54419	5.211	ug/L	97
59) Bromoform	9.731	173	28567	4.996	ug/L	99
60) Isopropylbenzene	9.931	105	273342	5.118	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	38458	4.709	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	69634	4.717	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	204707	4.838	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	135867	5.091	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	133414	4.968	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	124579	5.013	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	7698	4.512	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	95046	4.939	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	66270	4.608	ug/L	99
71) Naphthalene	13.500	128	92024	4.141	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	61069	4.556	ug/L	99

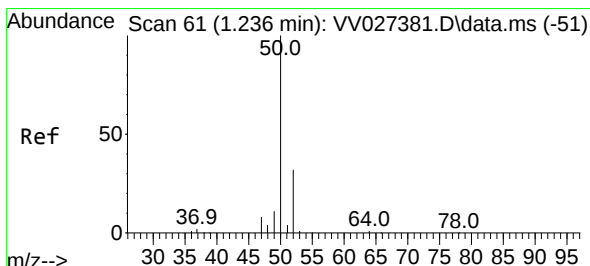
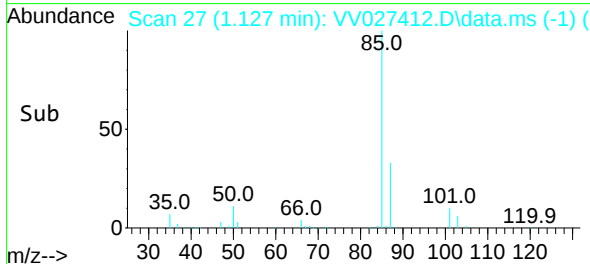
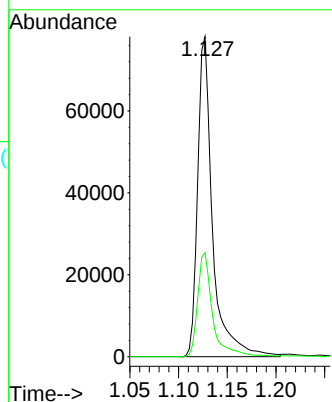
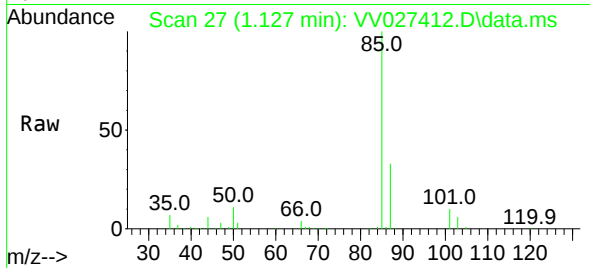
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#2
 Dichlorodifluoromethane
 Concen: 4.819 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027412.D
 Acq: 16 Aug 2022 17:14

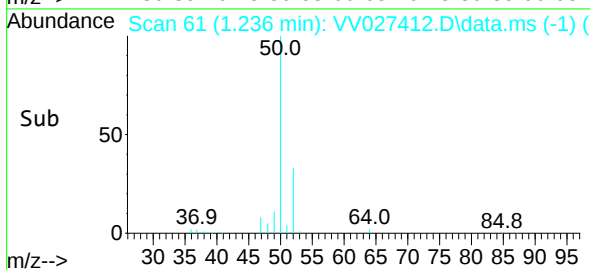
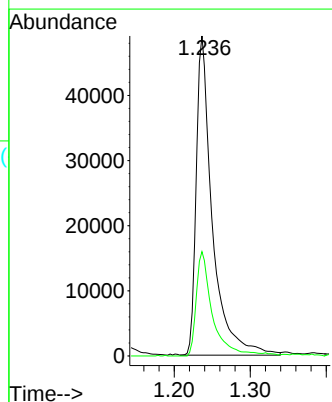
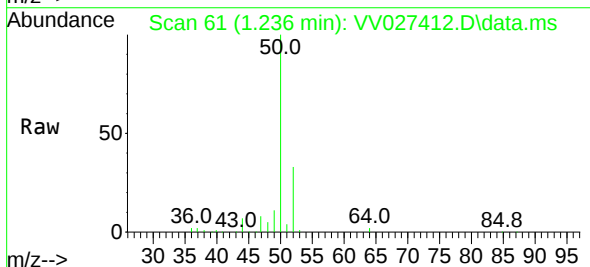
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005374

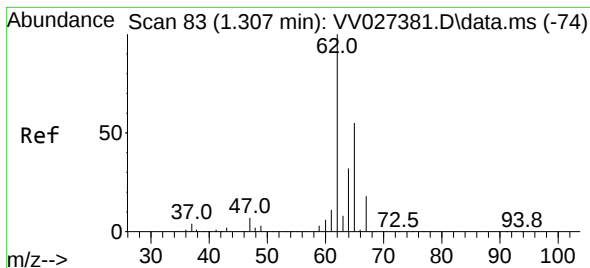
Tgt Ion: 85 Resp: 83119
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.4



#3
 Chloromethane
 Concen: 4.165 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027412.D
 Acq: 16 Aug 2022 17:14

Tgt Ion: 50 Resp: 71862
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.4 43.4





#5

Vinyl chloride

Concen: 4.389 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

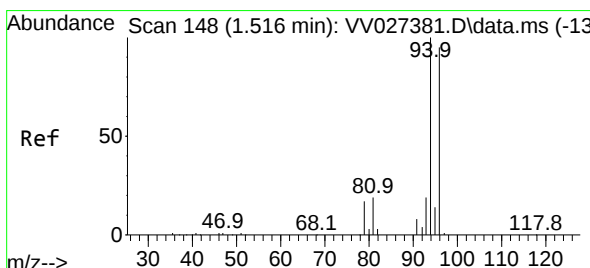
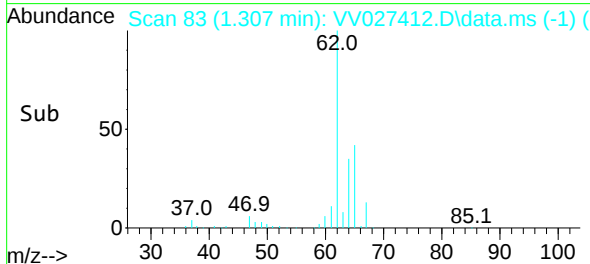
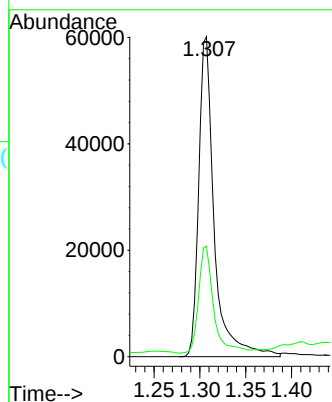
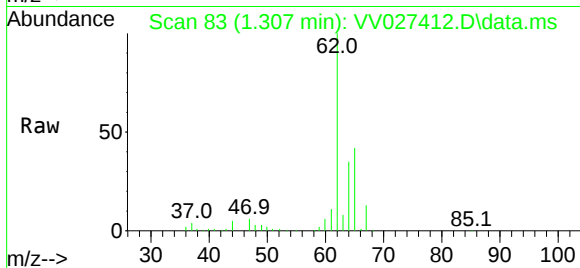
VSTD005374

Tgt Ion: 62 Resp: 70625

Ion Ratio Lower Upper

62 100

64 34.6 23.7 44.1



#6

Bromomethane

Concen: 3.508 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.000 min

Lab File: VV027412.D

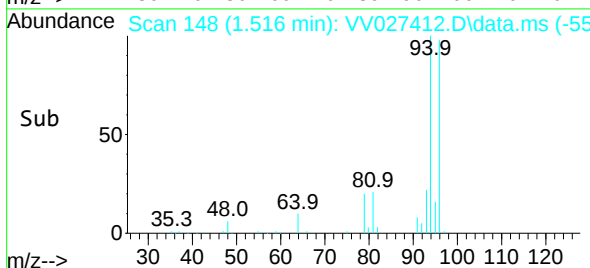
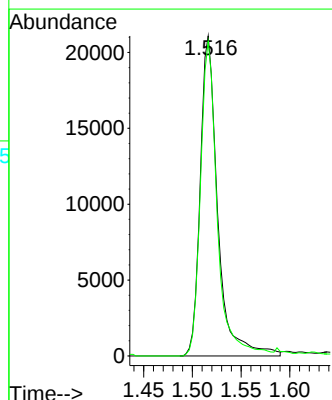
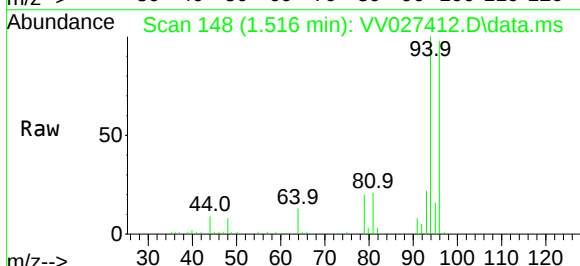
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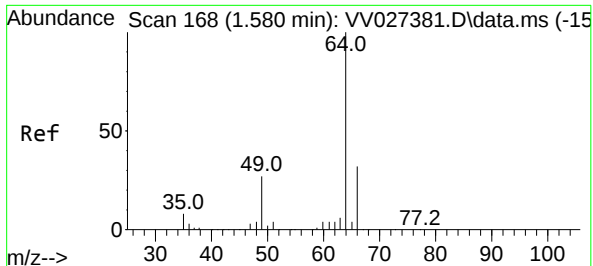
Tgt Ion: 94 Resp: 26354

Ion Ratio Lower Upper

94 100

96 98.3 67.2 124.8

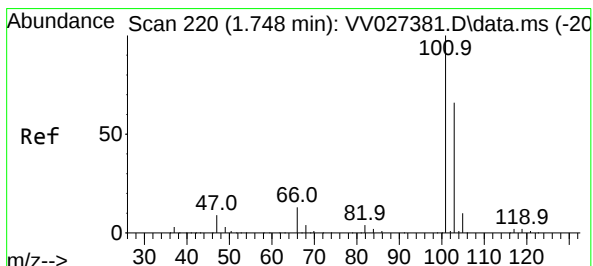
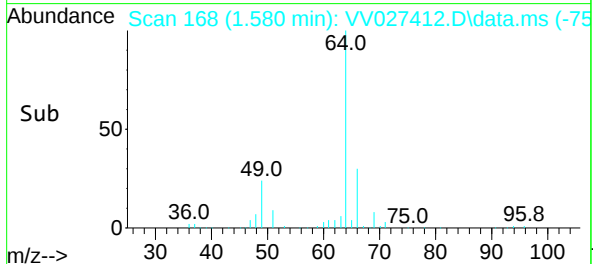
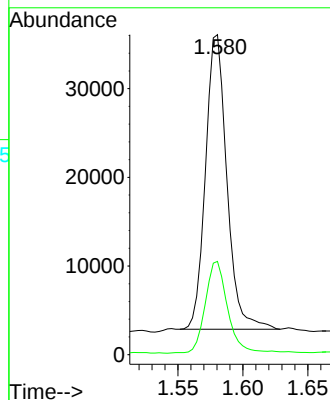
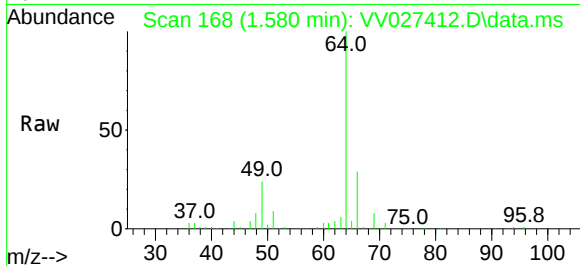




#8
Chloroethane
Concen: 4.267 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

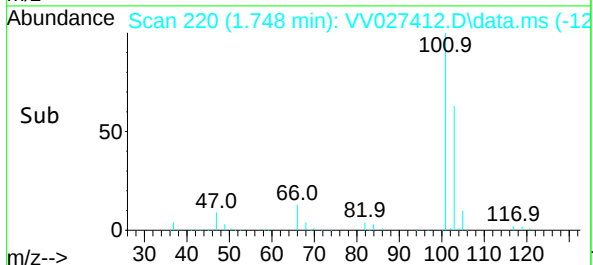
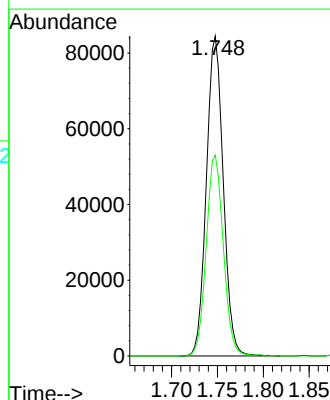
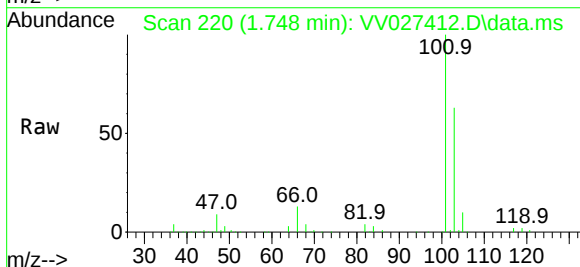
Instrument :
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ClientSampleId :
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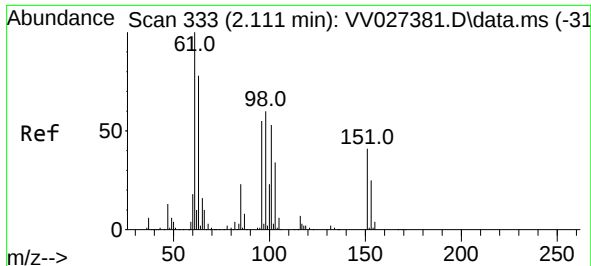
Tgt Ion: 64 Resp: 38178
Ion Ratio Lower Upper
64 100
66 29.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.036 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

Tgt Ion:101 Resp: 108198
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.0





#10

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

Concen: 6.285 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005374

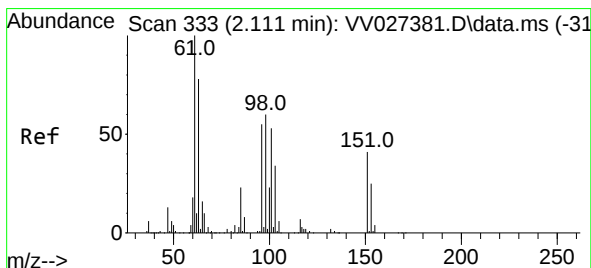
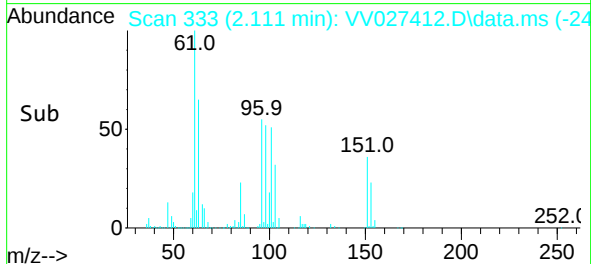
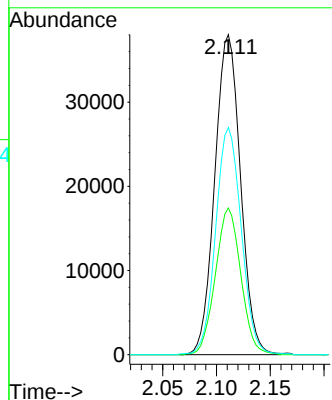
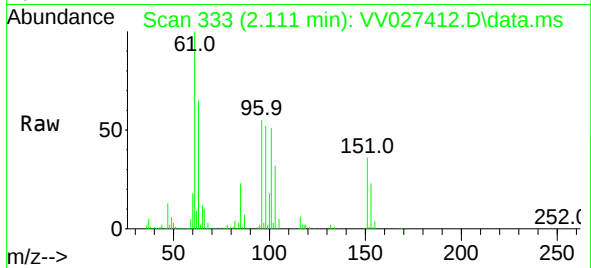
Tgt Ion:101 Resp: 63405

Ion Ratio Lower Upper

101 100

85 45.2 36.2 54.4

151 70.8 62.0 93.0



#12

1,1-Dichloroethene

Concen: 5.516 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

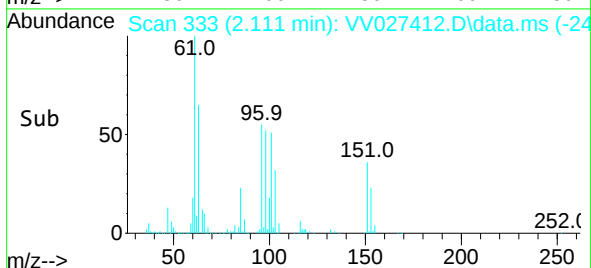
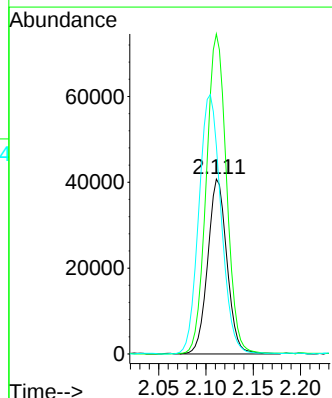
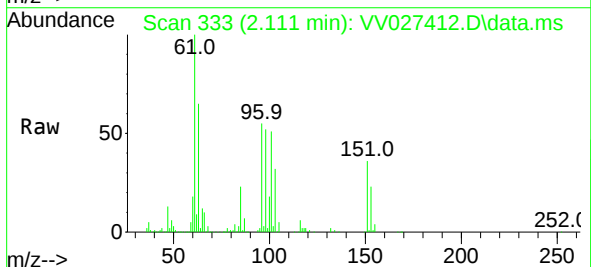
Tgt Ion: 96 Resp: 57651

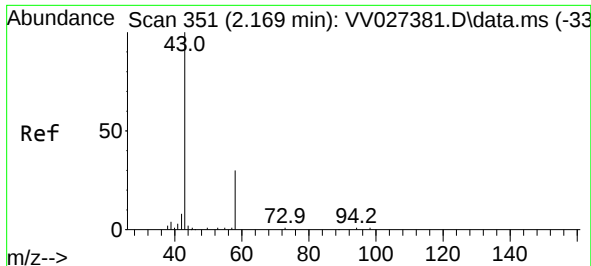
Ion Ratio Lower Upper

96 100

61 183.0 130.7 242.7

63 119.2 101.4 188.2





#13

Acetone

Concen: 37.461 ug/L

RT: 2.166 min Scan# 351

Delta R.T. -0.003 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

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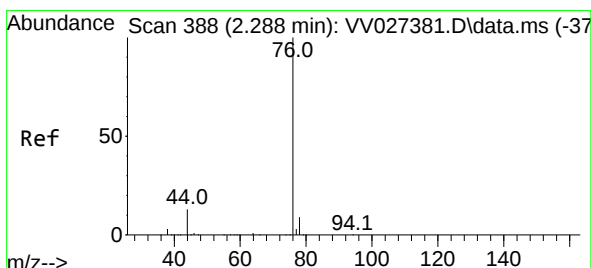
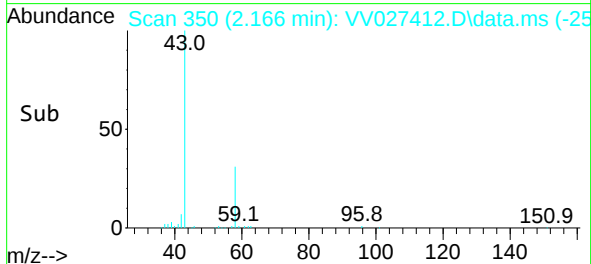
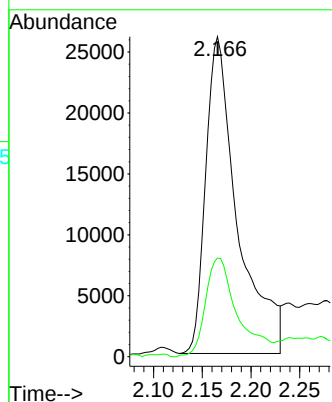
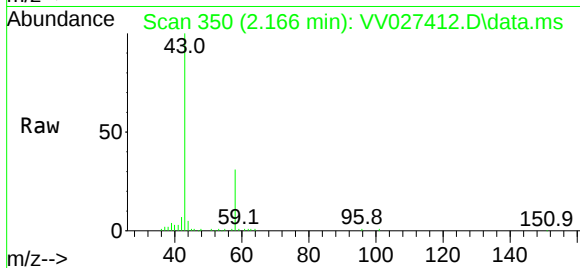
VSTD005374

Tgt Ion: 43 Resp: 59114

Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.2



#14

Carbon disulfide

Concen: 4.114 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV027412.D

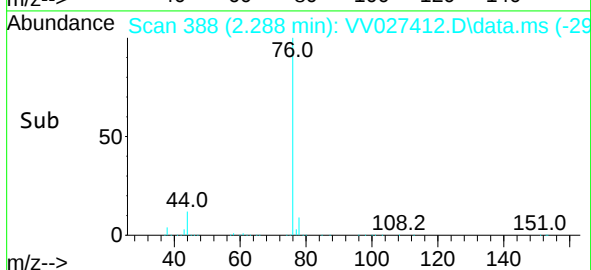
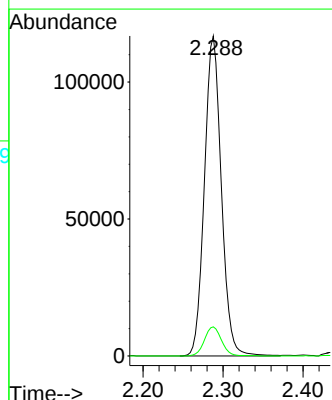
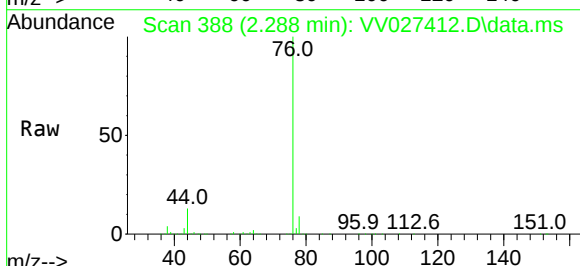
Acq: 16 Aug 2022 17:14

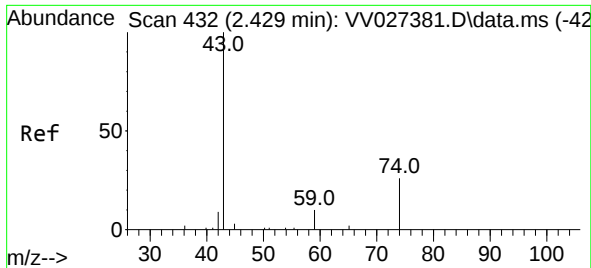
Tgt Ion: 76 Resp: 172173

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

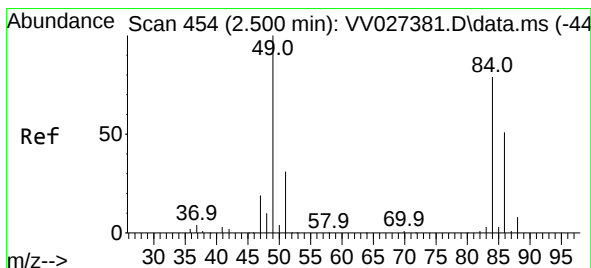
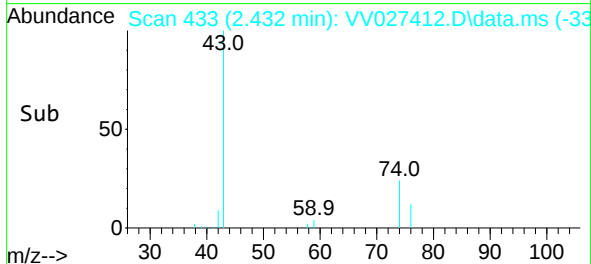
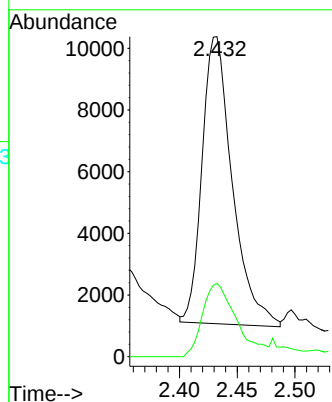
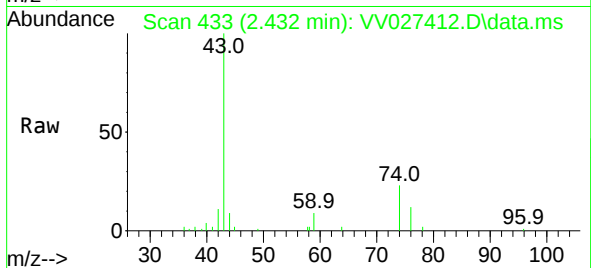




#15
Methyl Acetate
Concen: 4.417 ug/L
RT: 2.432 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

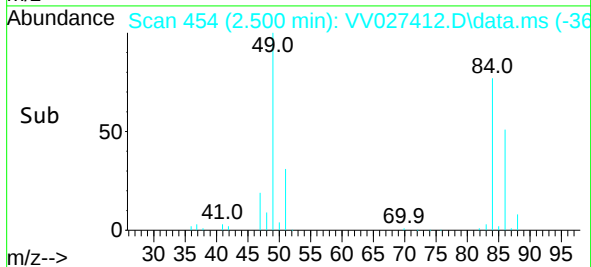
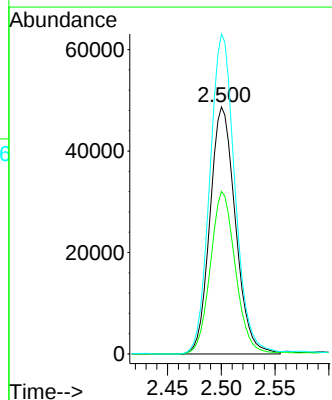
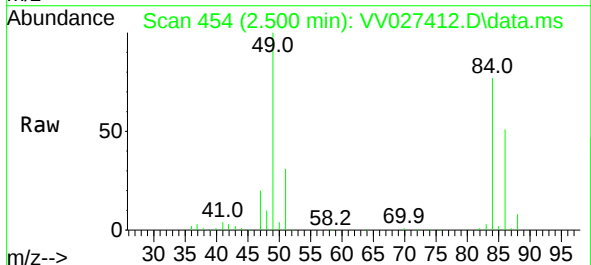
Instrument :
MSVOA_V
ClientSampleId :
VSTD005374

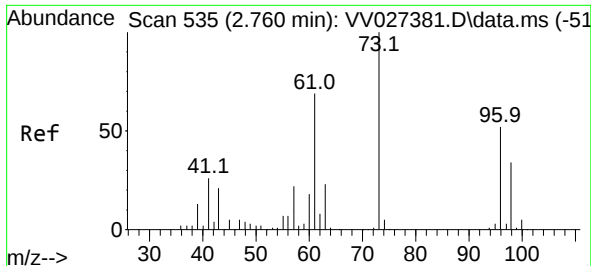
Tgt Ion: 43 Resp: 16969
Ion Ratio Lower Upper
43 100
74 28.7 21.8 32.8



#16
Methylene chloride
Concen: 4.778 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

Tgt Ion: 84 Resp: 80194
Ion Ratio Lower Upper
84 100
86 65.8 45.1 83.9
49 129.5 91.2 169.4

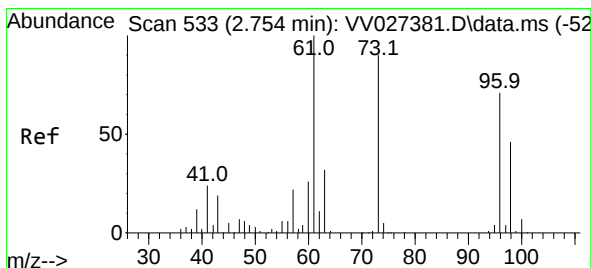
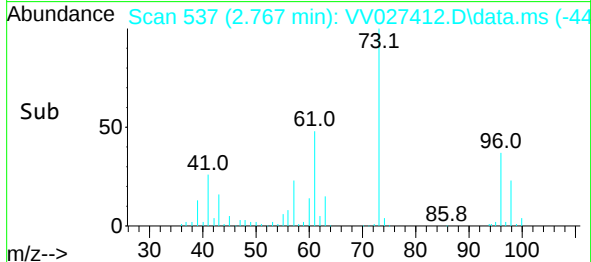
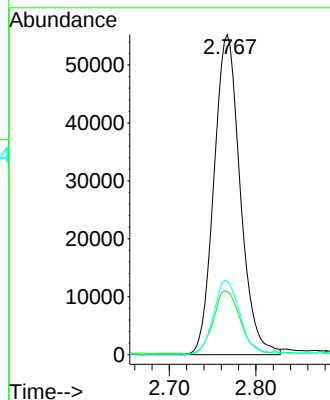
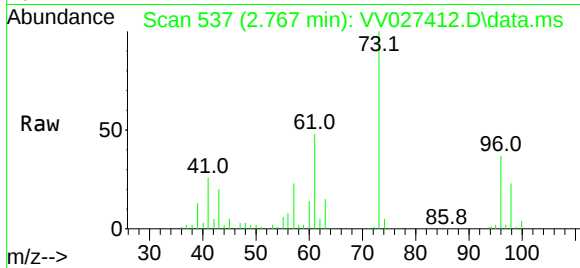




#17
Methyl tert-butyl Ether
Concen: 4.762 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

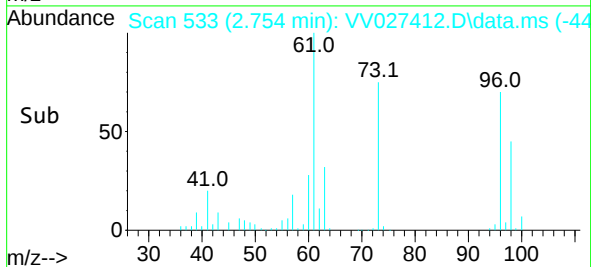
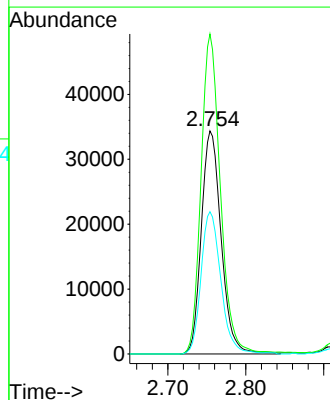
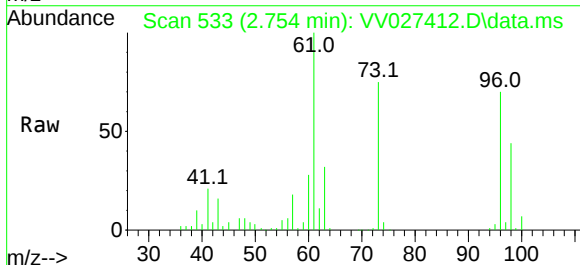
Instrument :
MSVOA_V
ClientSampleId :
VSTD005374

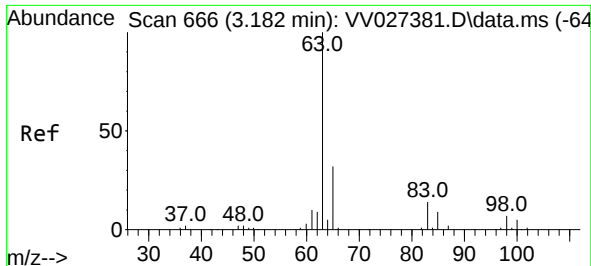
Tgt Ion: 73 Resp: 116160
Ion Ratio Lower Upper
73 100
43 20.2 15.8 23.8
57 23.7 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.726 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

Tgt Ion: 96 Resp: 60747
Ion Ratio Lower Upper
96 100
61 143.5 99.6 185.0
98 63.8 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.915 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005374

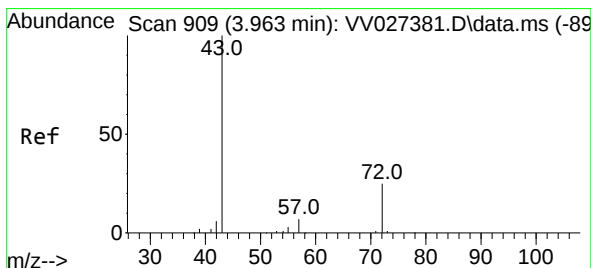
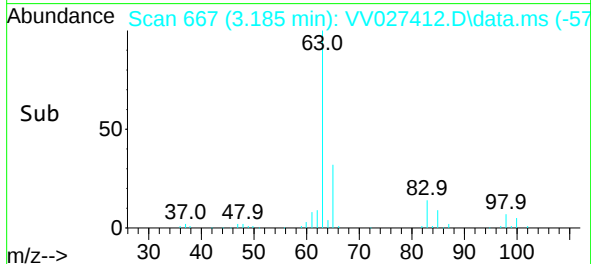
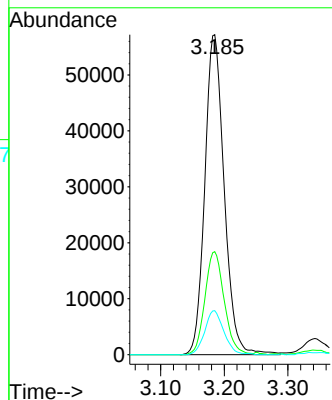
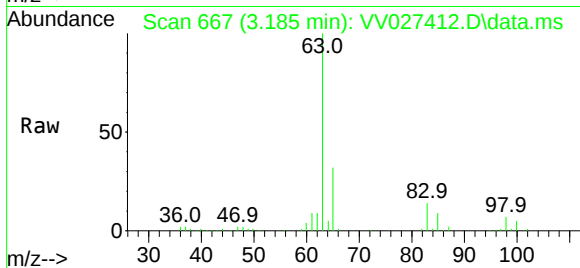
Tgt Ion: 63 Resp: 120966

Ion Ratio Lower Upper

63 100

65 32.2 21.6 40.2

83 13.7 9.3 17.3



#21

2-Butanone

Concen: 46.113 ug/L

RT: 3.969 min Scan# 911

Delta R.T. 0.006 min

Lab File: VV027412.D

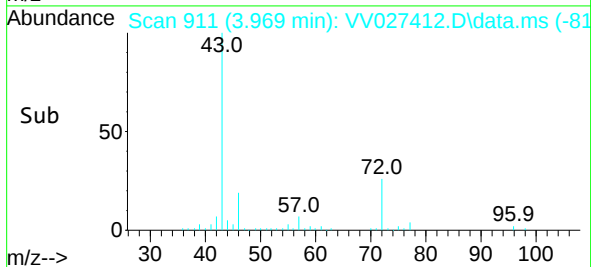
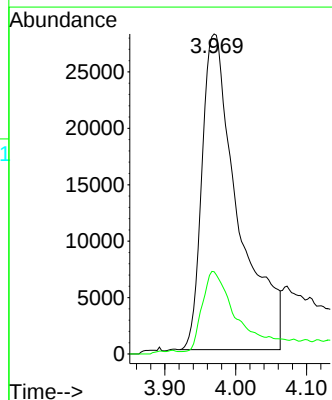
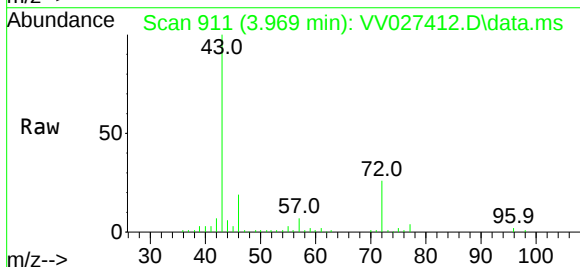
Acq: 16 Aug 2022 17:14

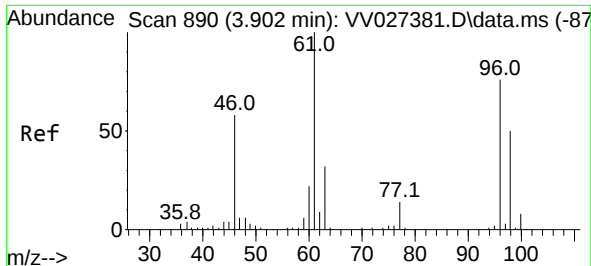
Tgt Ion: 43 Resp: 99081

Ion Ratio Lower Upper

43 100

72 22.9 12.9 38.6

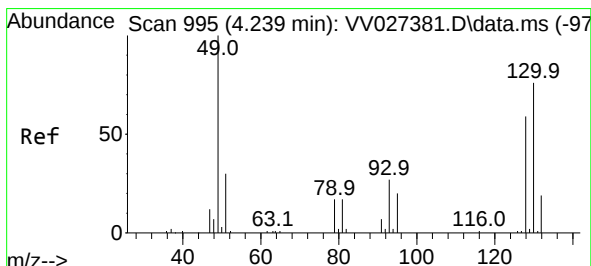
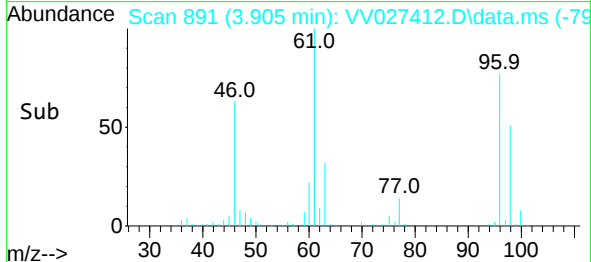
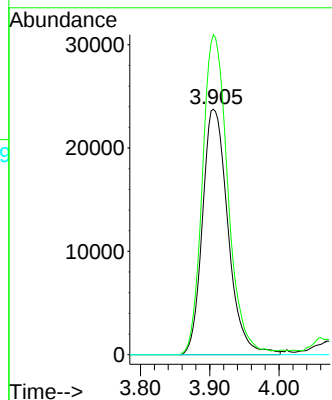
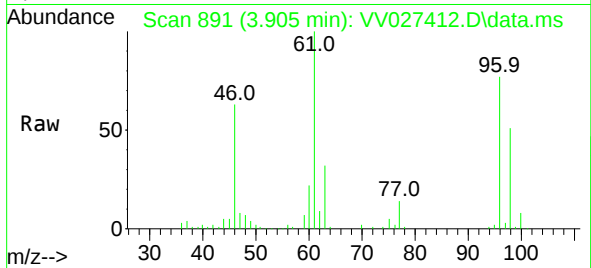




#22
 cis-1,2-Dichloroethene
 Concen: 4.808 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027412.D
 Acq: 16 Aug 2022 17:14

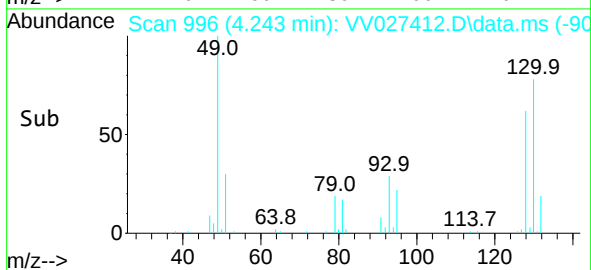
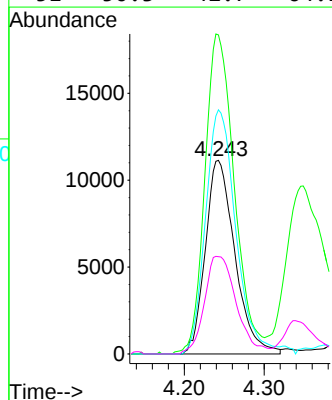
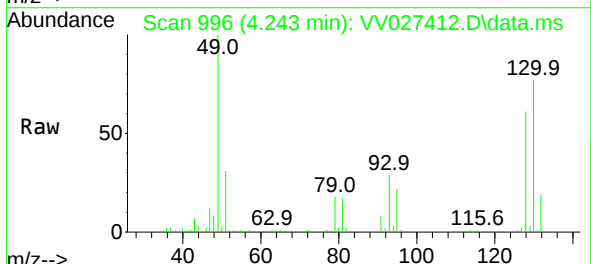
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005374

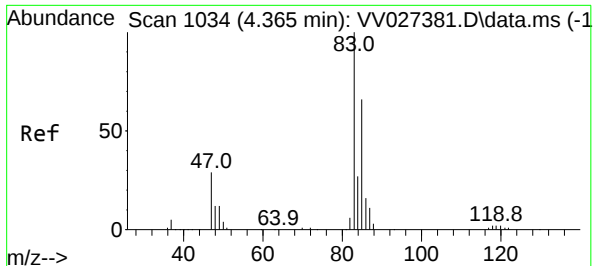
Tgt Ion: 96 Resp: 60778
 Ion Ratio Lower Upper
 96 100
 61 130.3 91.3 169.5
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.851 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV027412.D
 Acq: 16 Aug 2022 17:14

Tgt Ion: 128 Resp: 28662
 Ion Ratio Lower Upper
 128 100
 49 164.8 118.5 220.1
 130 126.2 90.3 167.7
 51 50.3 42.7 64.1





#25

Chloroform

Concen: 5.200 ug/L

RT: 4.371 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

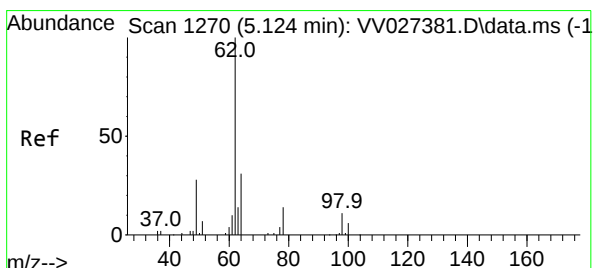
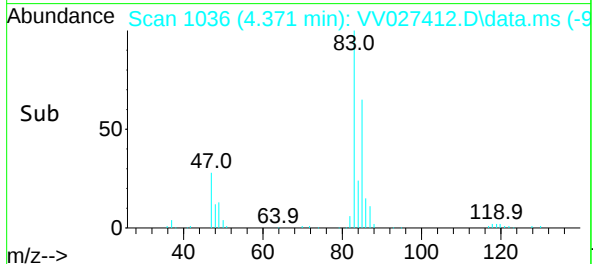
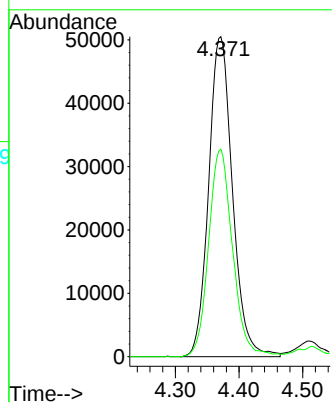
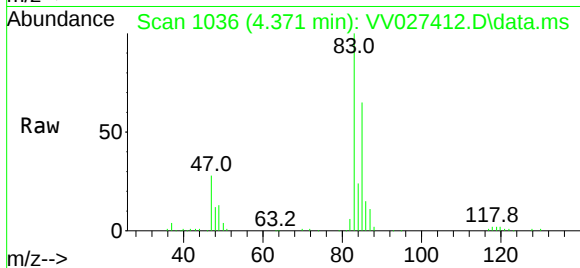
VSTD005374

Tgt Ion: 83 Resp: 131482

Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.892 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV027412.D

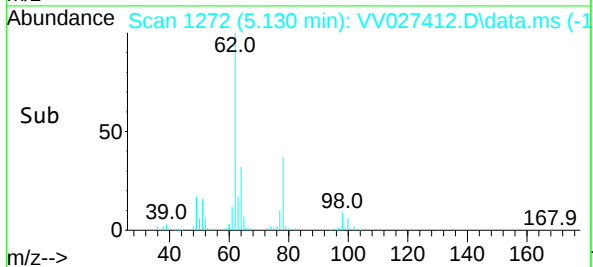
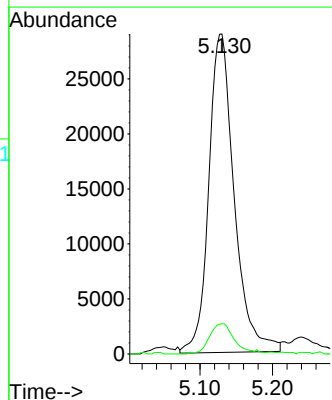
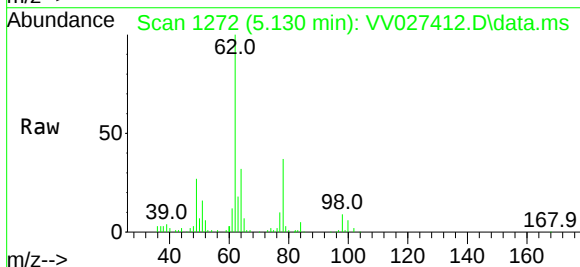
Acq: 16 Aug 2022 17:14

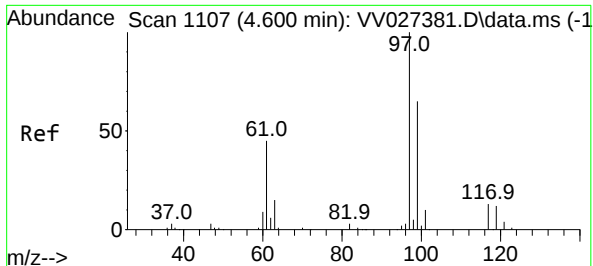
Tgt Ion: 62 Resp: 70692

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.142 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005374

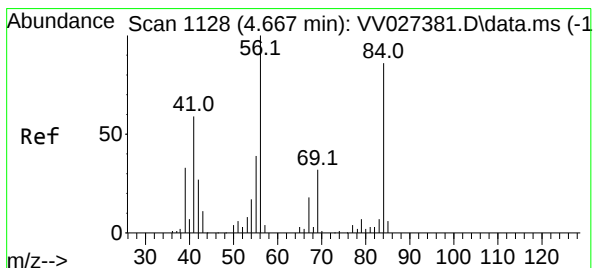
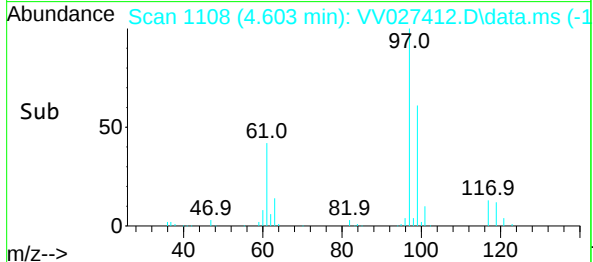
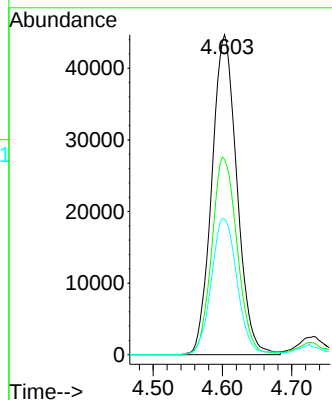
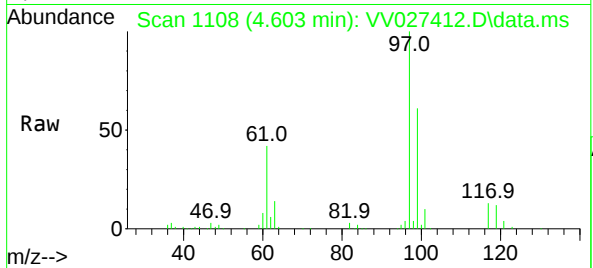
Tgt Ion: 97 Resp: 112555

Ion Ratio Lower Upper

97 100

99 62.3 50.8 76.2

61 44.2 36.5 54.7



#30

Cyclohexane

Concen: 4.681 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

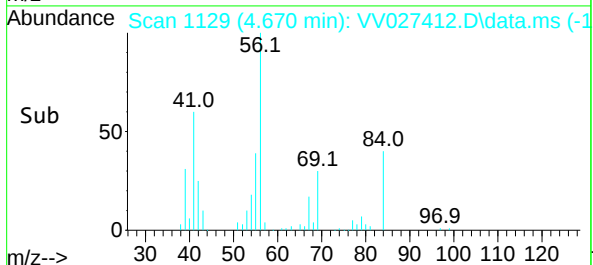
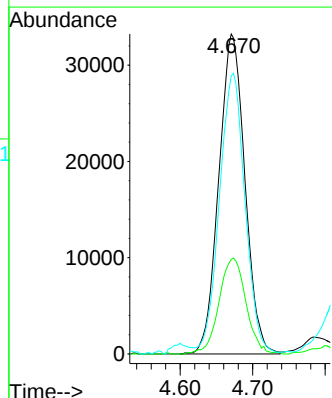
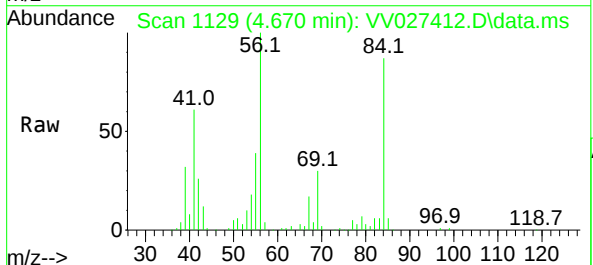
Tgt Ion: 56 Resp: 83019

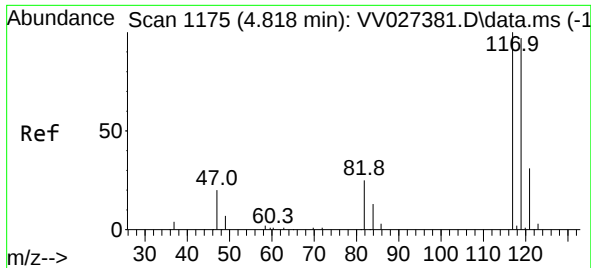
Ion Ratio Lower Upper

56 100

69 30.9 24.0 36.0

84 85.6 69.1 103.7

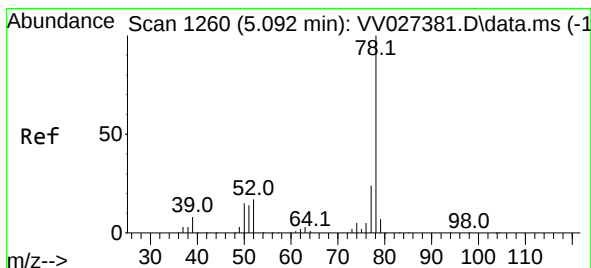
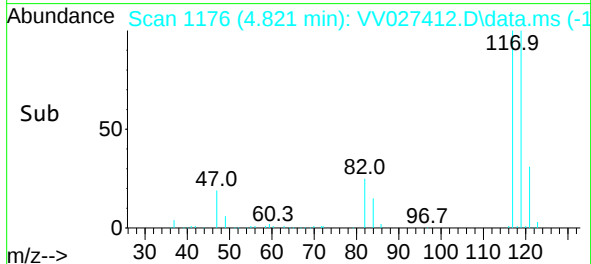
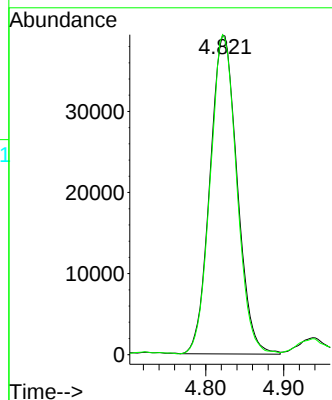
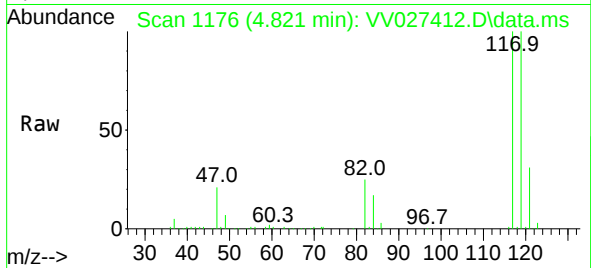




#31
Carbon tetrachloride
Concen: 5.011 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

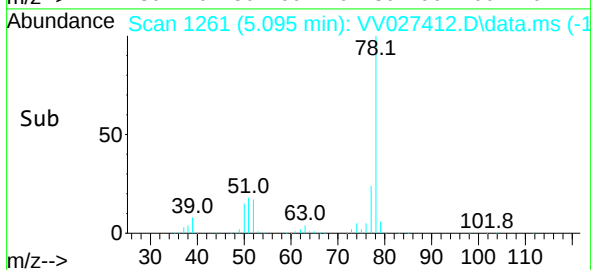
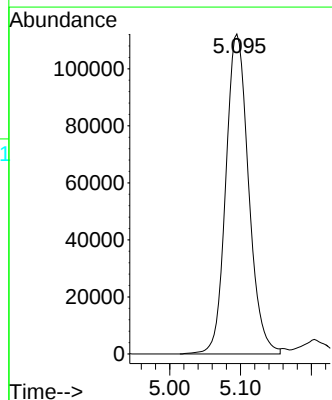
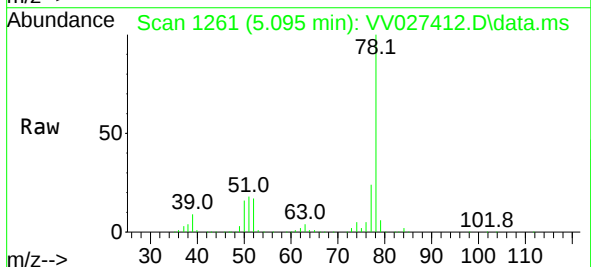
Instrument :
MSVOA_V
ClientSampleId :
VSTD005374

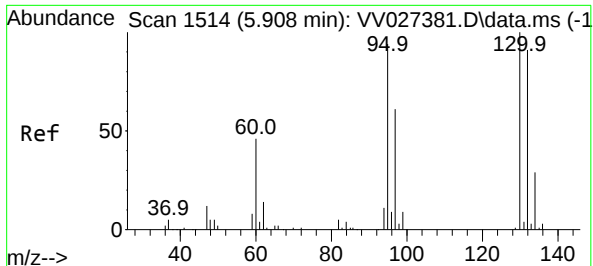
Tgt Ion:117 Resp: 95471
Ion Ratio Lower Upper
117 100
119 97.1 76.6 115.0



#33
Benzene
Concen: 4.719 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

Tgt Ion: 78 Resp: 250882

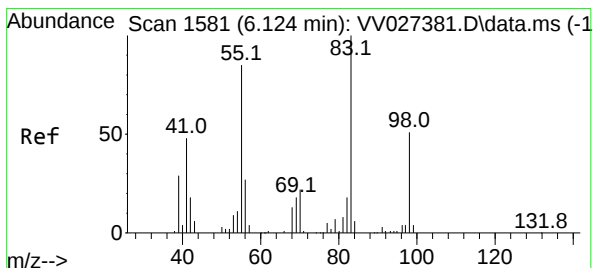
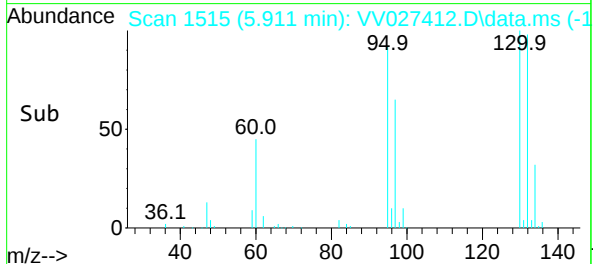
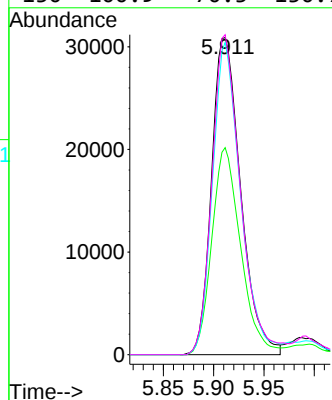
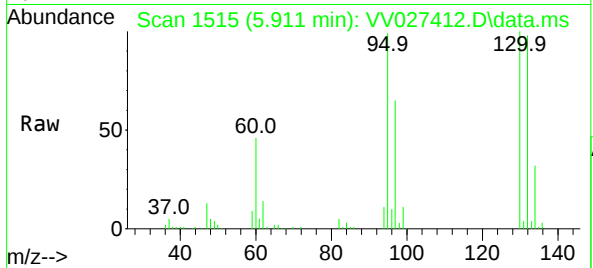




#34
Trichloroethene
Concen: 4.715 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

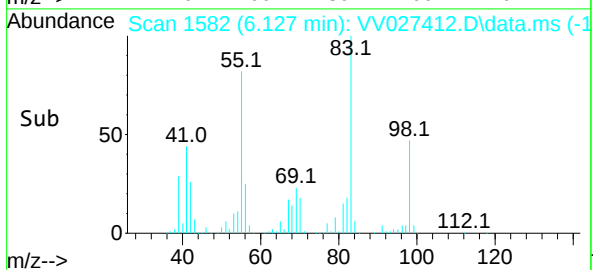
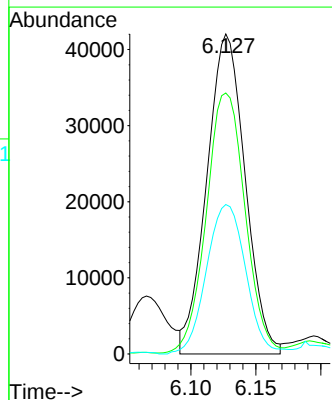
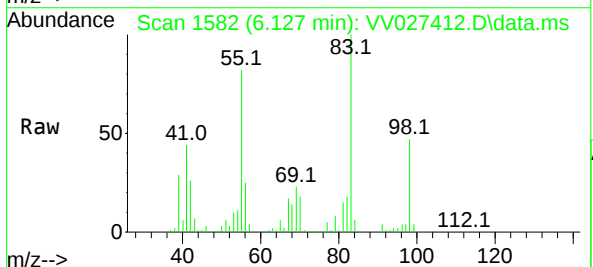
Instrument :
MSVOA_V
ClientSampleId :
VSTD005374

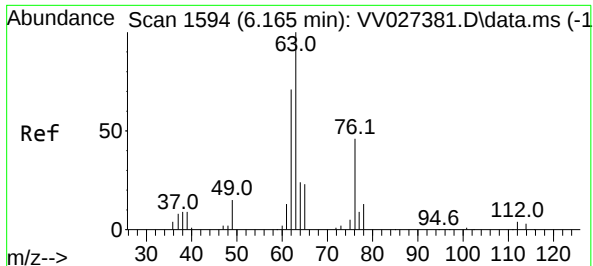
Tgt Ion: 95 Resp: 62400
Ion Ratio Lower Upper
95 100
97 65.3 45.5 84.5
132 98.4 68.2 126.6
130 100.9 70.3 130.7



#35
Methylcyclohexane
Concen: 4.736 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

Tgt Ion: 83 Resp: 86297
Ion Ratio Lower Upper
83 100
55 82.5 67.0 100.6
98 47.9 38.7 58.1





#37

1,2-Dichloropropane

Concen: 5.131 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

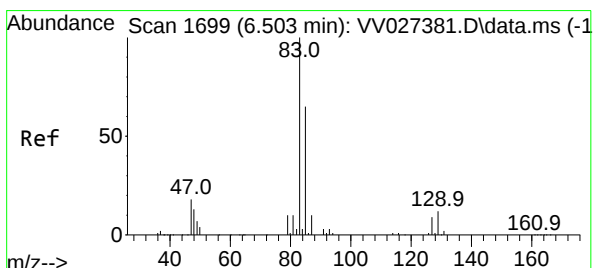
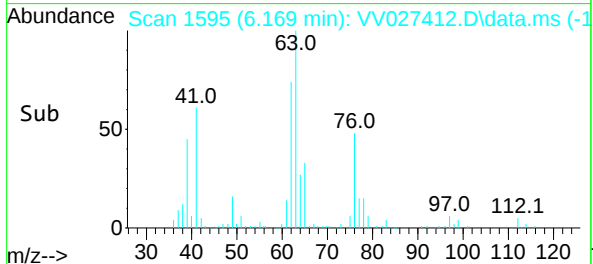
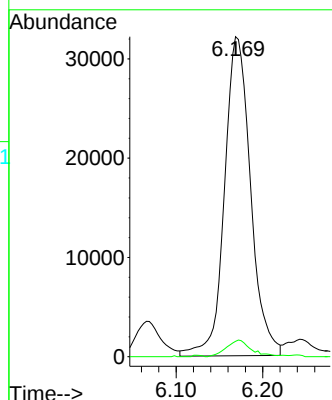
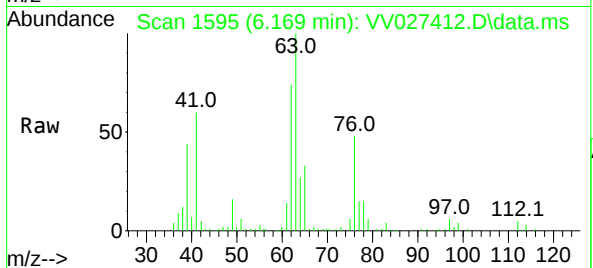
VSTD005374

Tgt Ion: 63 Resp: 67431

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 5.038 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

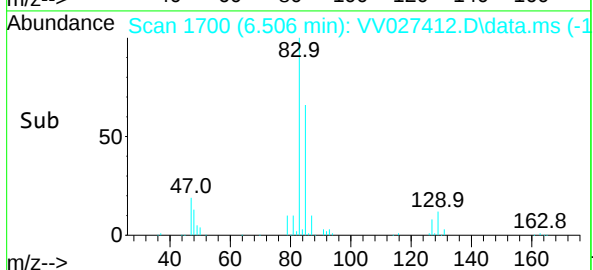
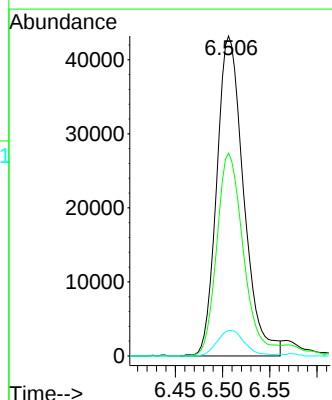
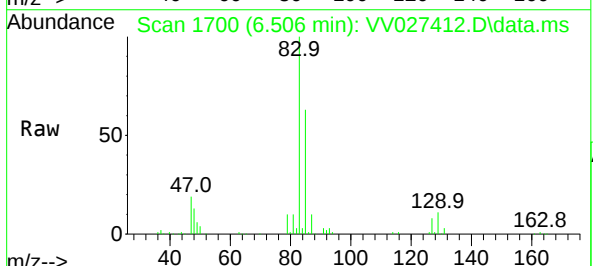
Tgt Ion: 83 Resp: 85331

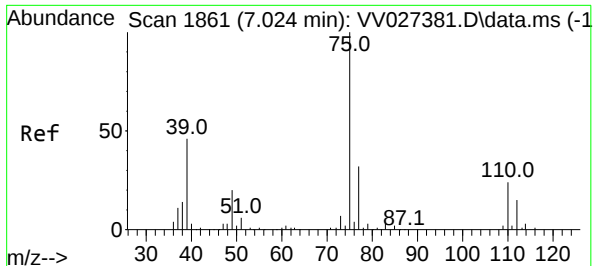
Ion Ratio Lower Upper

83 100

85 63.4 45.4 84.4

127 8.0 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.037 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

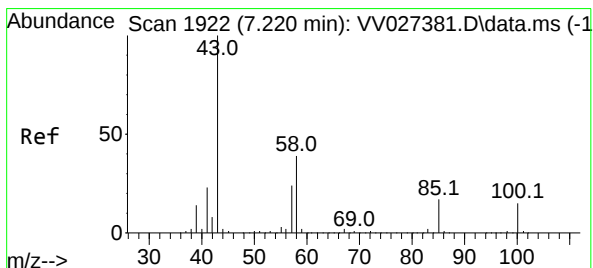
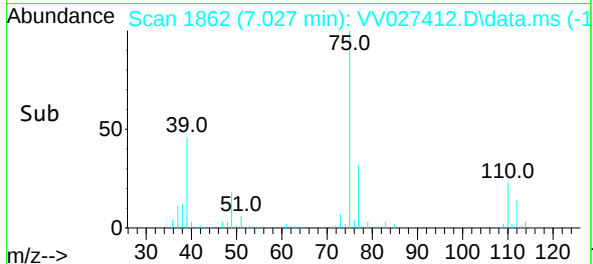
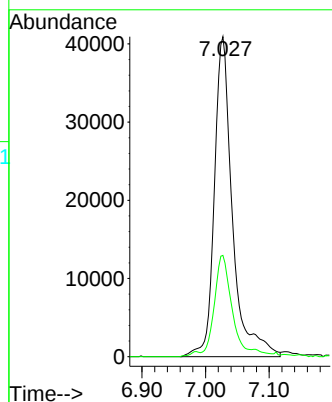
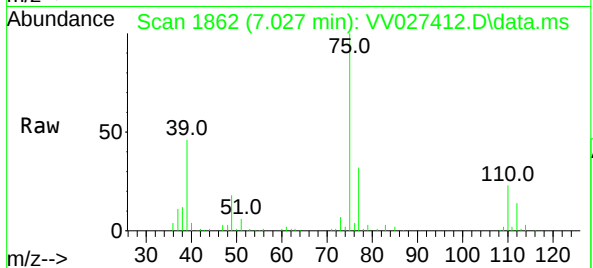
VSTD005374

Tgt Ion: 75 Resp: 80909

Ion Ratio Lower Upper

75 100

77 31.7 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 49.650 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

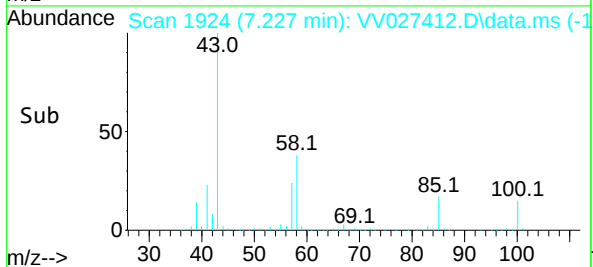
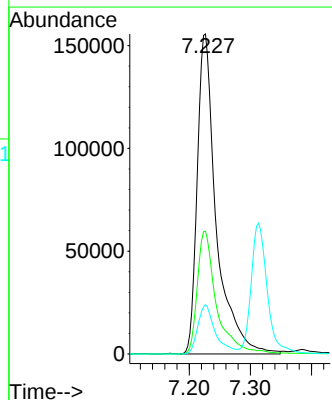
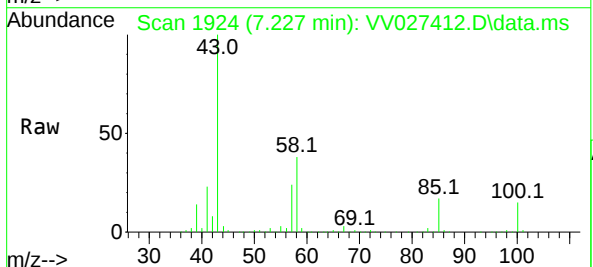
Tgt Ion: 43 Resp: 336735

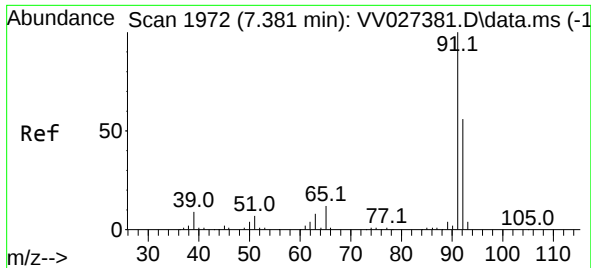
Ion Ratio Lower Upper

43 100

58 38.7 31.0 46.4

100 14.2 10.9 16.3





#42

Toluene

Concen: 5.347 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

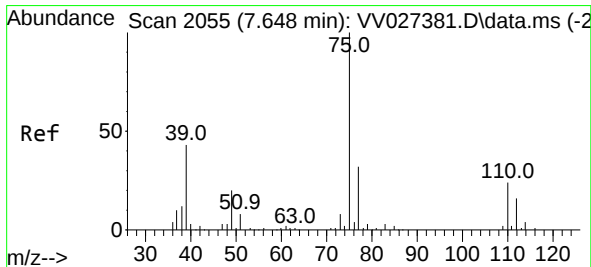
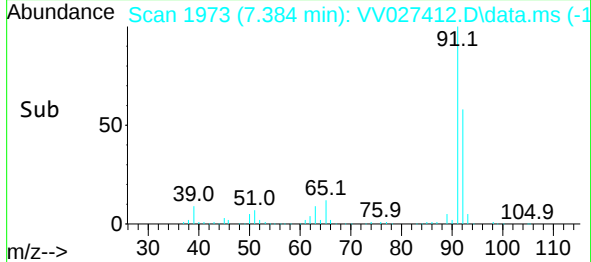
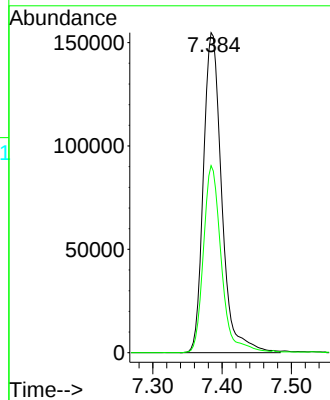
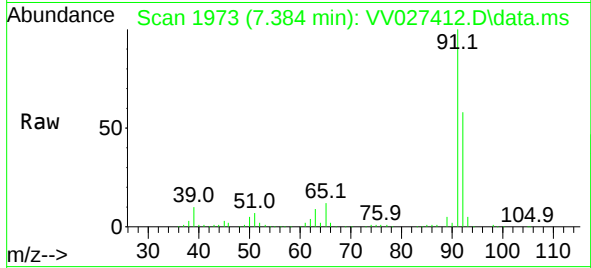
VSTD005374

Tgt Ion: 91 Resp: 283611

Ion Ratio Lower Upper

91 100

92 58.5 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 5.126 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV027412.D

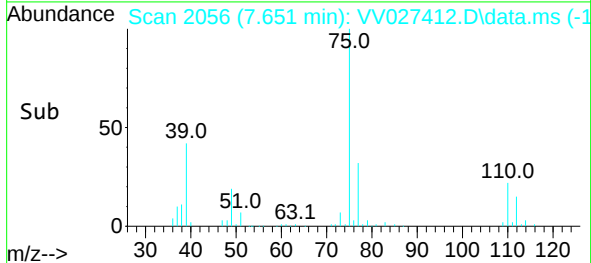
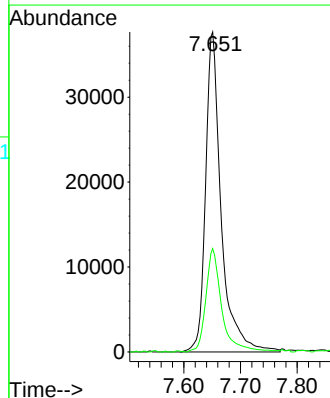
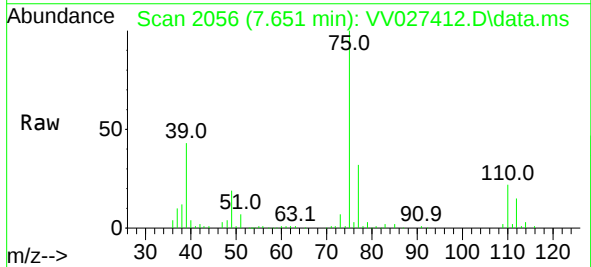
Acq: 16 Aug 2022 17:14

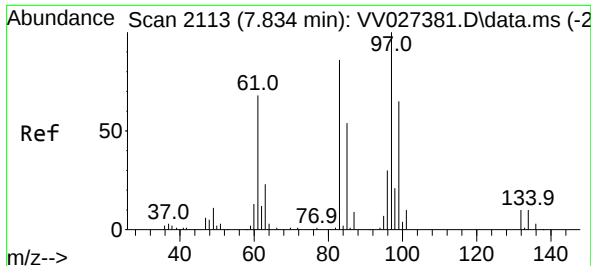
Tgt Ion: 75 Resp: 72037

Ion Ratio Lower Upper

75 100

77 32.3 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 4.940 ug/L

RT: 7.837 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005374

Tgt Ion: 97 Resp: 46288

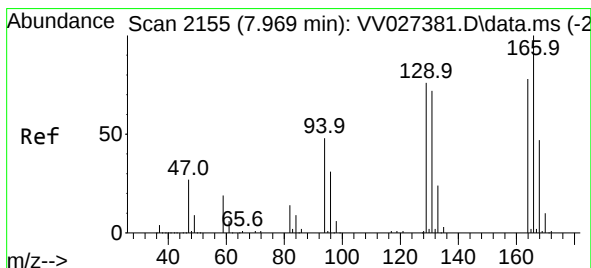
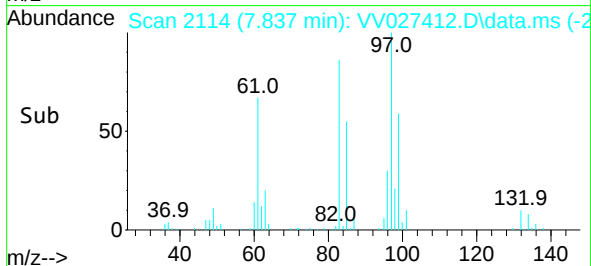
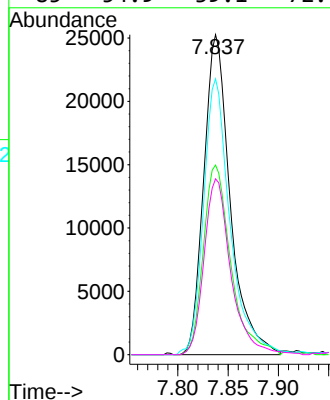
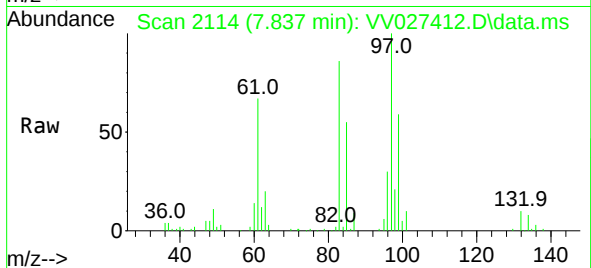
Ion Ratio Lower Upper

97 100

99 59.3 43.7 81.1

83 86.2 59.8 111.0

85 54.9 39.1 72.7



#47

Tetrachloroethene

Concen: 5.044 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

Tgt Ion: 164 Resp: 52418

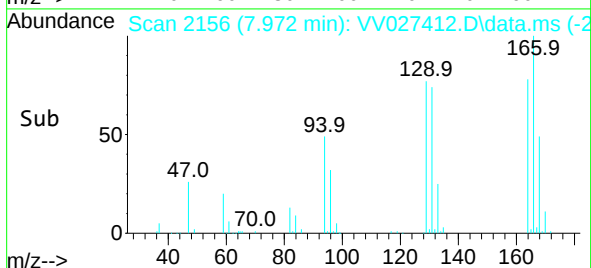
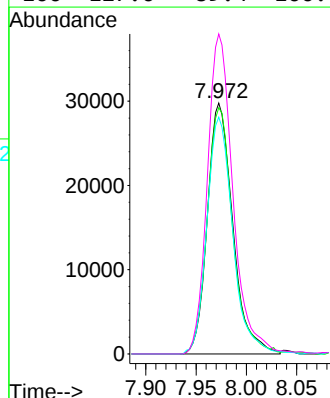
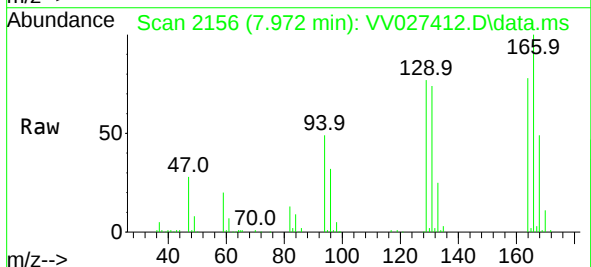
Ion Ratio Lower Upper

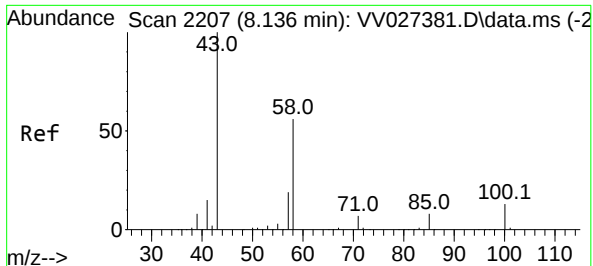
164 100

129 98.1 69.0 128.1

131 94.4 64.7 120.1

166 127.6 89.4 166.0

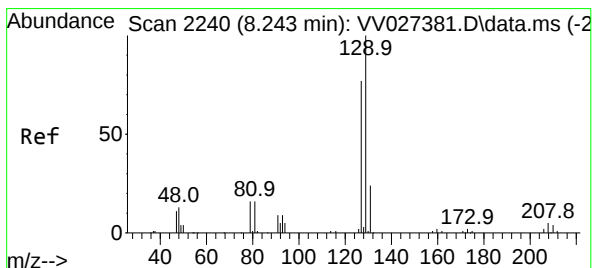
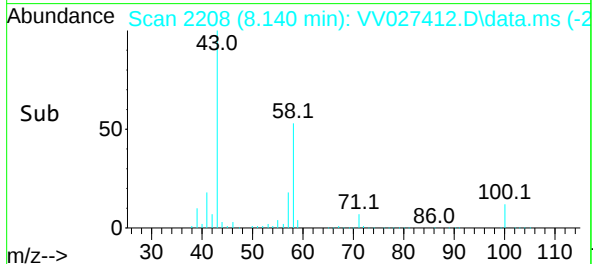
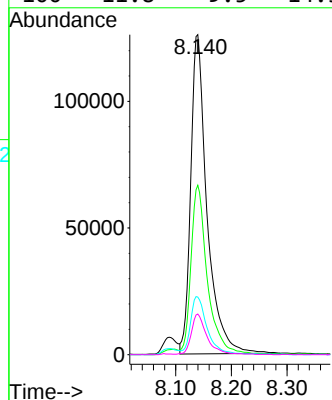
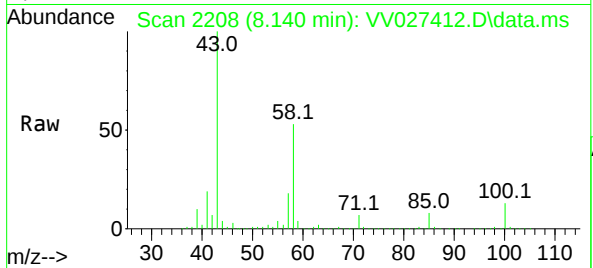




#48
2-Hexanone
Concen: 52.743 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

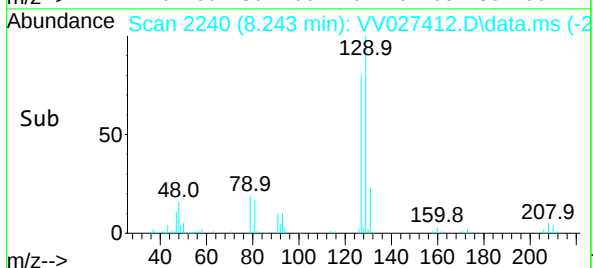
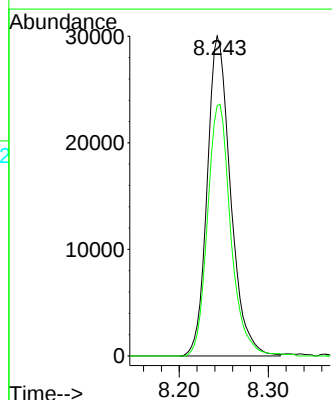
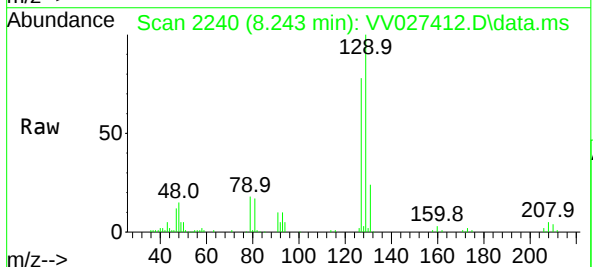
Instrument :
MSVOA_V
ClientSampleId :
VSTD005374

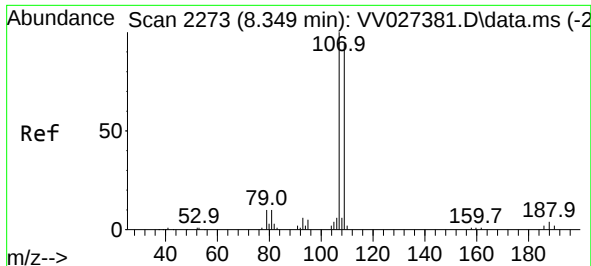
Tgt Ion: 43 Resp: 256692
Ion Ratio Lower Upper
43 100
58 52.9 42.8 64.2
57 18.0 15.2 22.8
100 11.8 9.5 14.3



#49
Dibromochloromethane
Concen: 4.986 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

Tgt Ion: 129 Resp: 54681
Ion Ratio Lower Upper
129 100
127 78.2 54.5 101.3

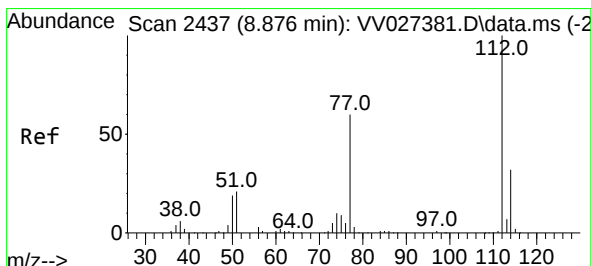
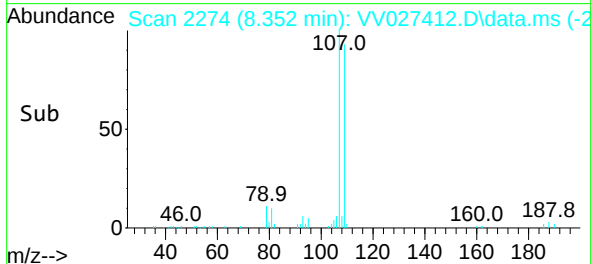
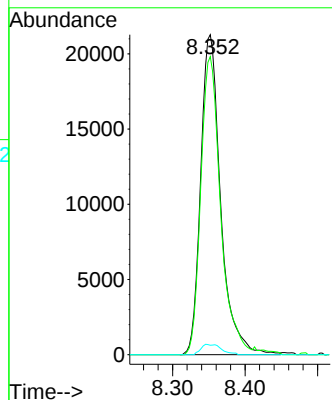
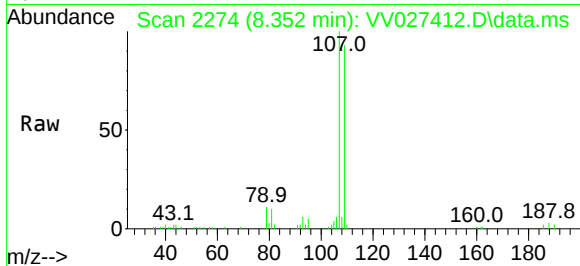




#50
1,2-Dibromoethane
Concen: 4.889 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

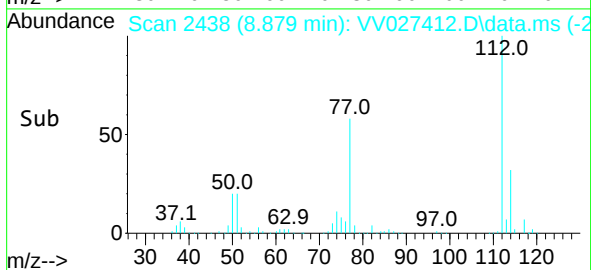
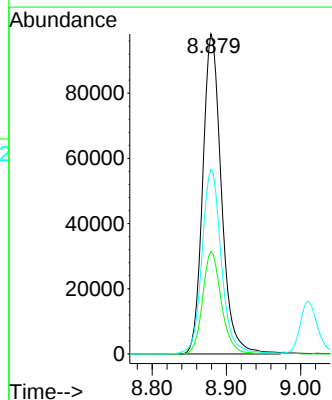
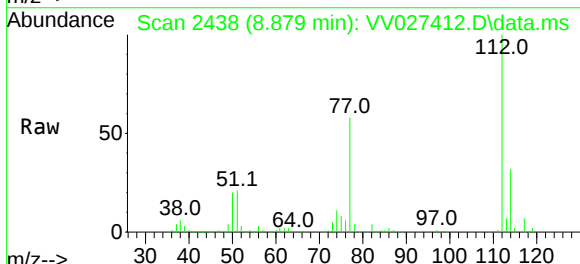
Instrument :
MSVOA_V
ClientSampleId :
VSTD005374

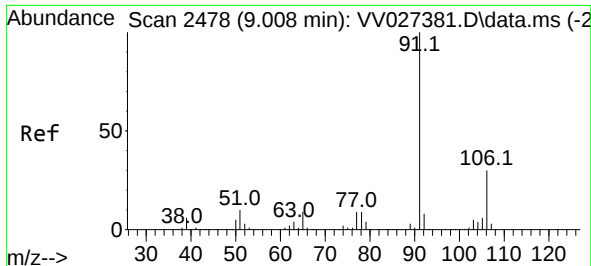
Tgt Ion:107 Resp: 40722
Ion Ratio Lower Upper
107 100
109 93.2 66.1 122.8
188 3.0 3.4 5.2#



#51
Chlorobenzene
Concen: 4.968 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

Tgt Ion:112 Resp: 171662
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.9
77 57.7 46.4 69.6





#52

Ethylbenzene

Concen: 5.042 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

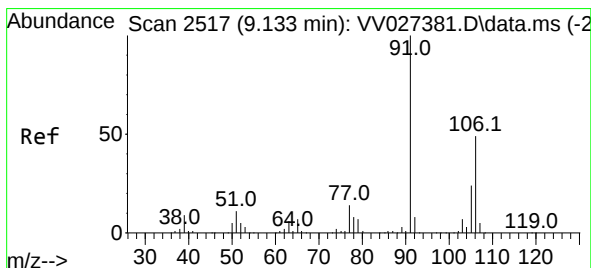
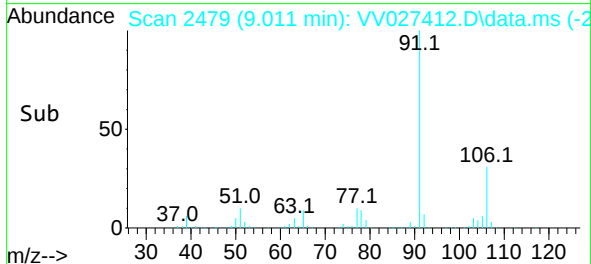
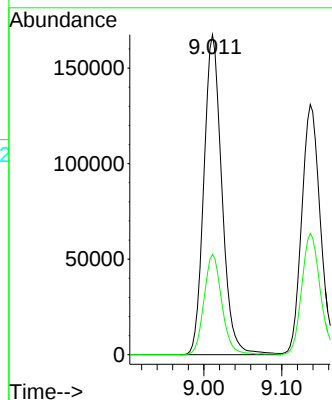
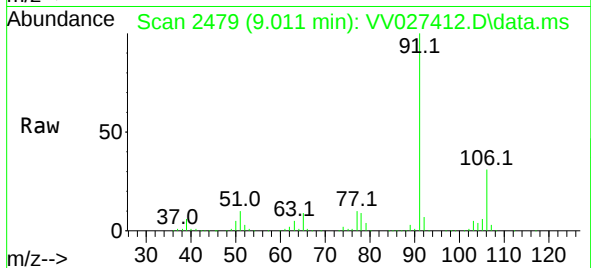
VSTD005374

Tgt Ion: 91 Resp: 268743

Ion Ratio Lower Upper

91 100

106 31.4 21.5 39.9



#53

m,p-Xylene

Concen: 5.269 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV027412.D

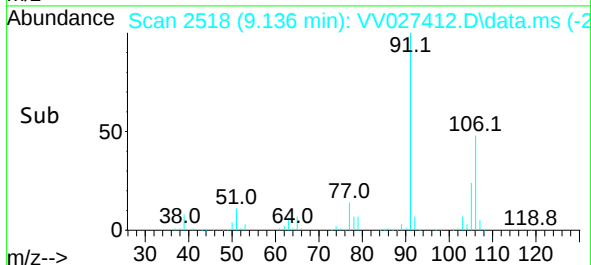
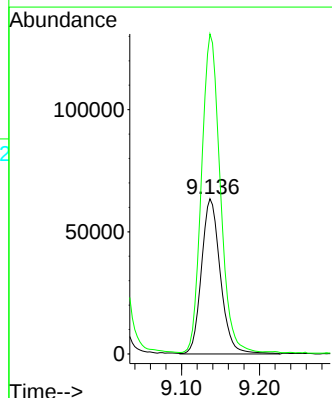
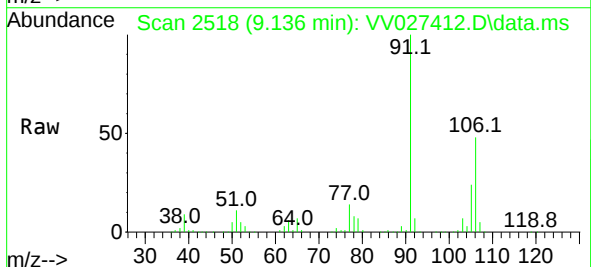
Acq: 16 Aug 2022 17:14

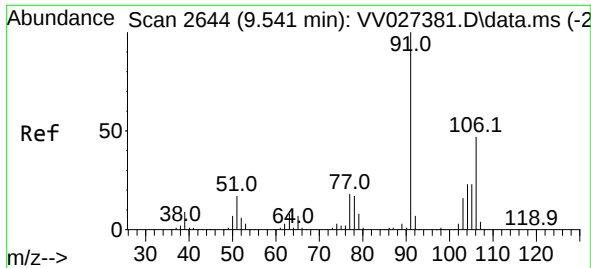
Tgt Ion: 106 Resp: 107108

Ion Ratio Lower Upper

106 100

91 206.2 141.5 262.9

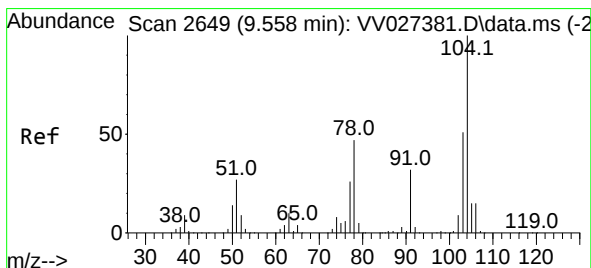
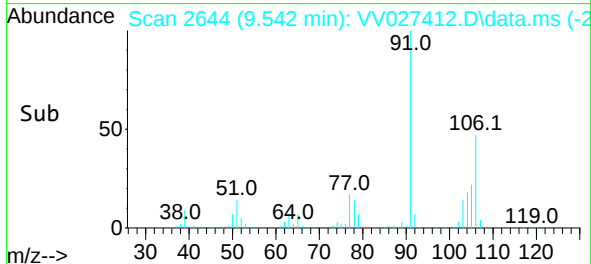
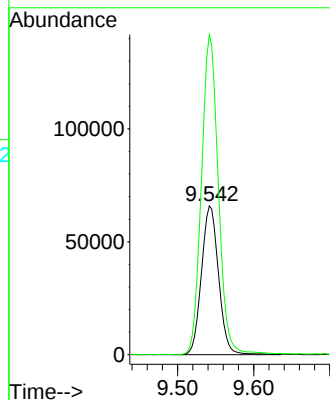
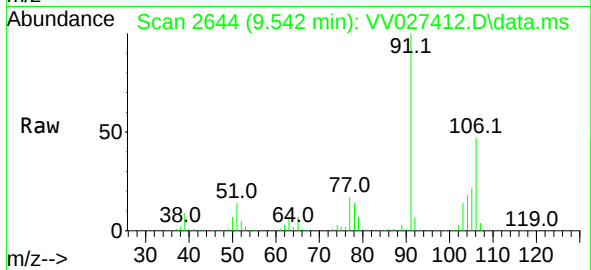




#54
o-Xylene
Concen: 5.175 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

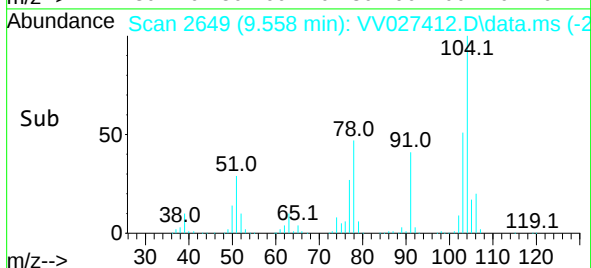
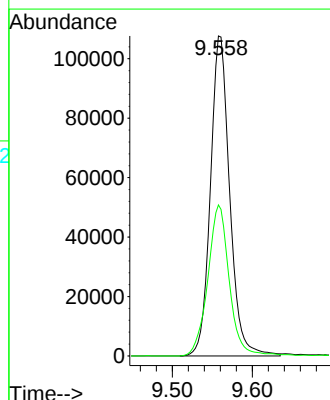
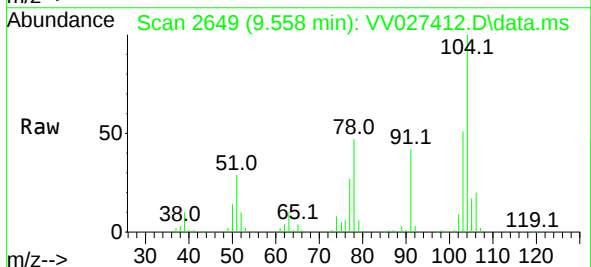
Instrument :
MSVOA_V
ClientSampleId :
VSTD005374

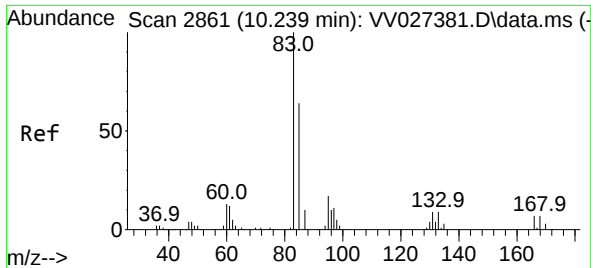
Tgt Ion:106 Resp: 102895
Ion Ratio Lower Upper
106 100
91 215.0 153.2 284.4



#55
Styrene
Concen: 5.277 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

Tgt Ion:104 Resp: 180417
Ion Ratio Lower Upper
104 100
78 47.2 30.7 57.1

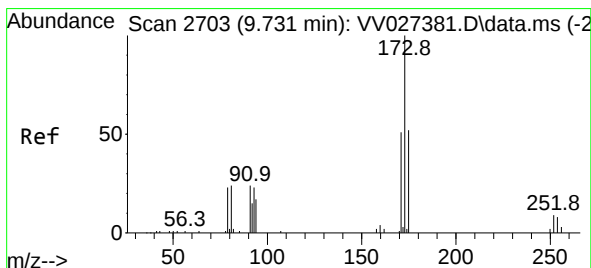
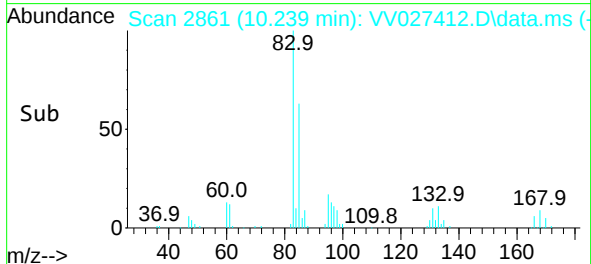
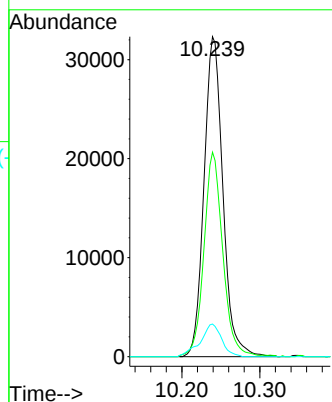
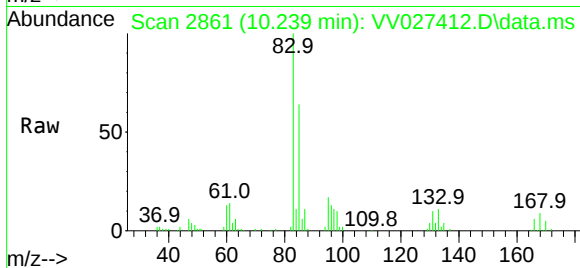




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.211 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV027412.D
 Acq: 16 Aug 2022 17:14

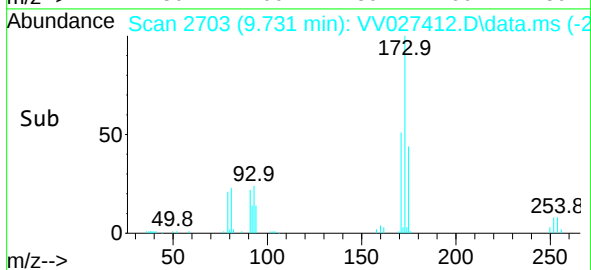
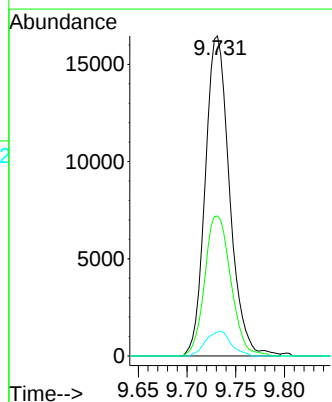
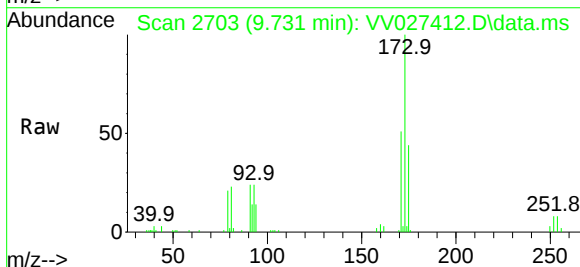
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005374

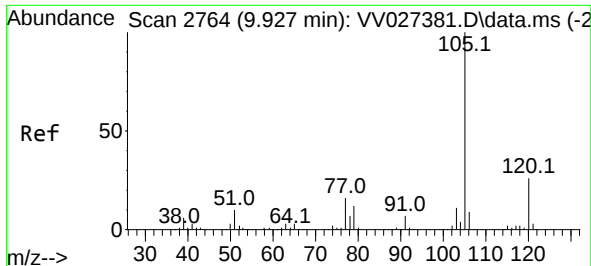
Tgt Ion: 83	Resp: 54419
Ion Ratio	Lower Upper
83	100
85	63.9 43.3 80.3
131	10.2 7.7 11.5



#59
 Bromoform
 Concen: 4.996 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV027412.D
 Acq: 16 Aug 2022 17:14

Tgt Ion: 173	Resp: 28567
Ion Ratio	Lower Upper
173	100
175	47.0 38.2 57.2
254	8.0 6.5 9.7

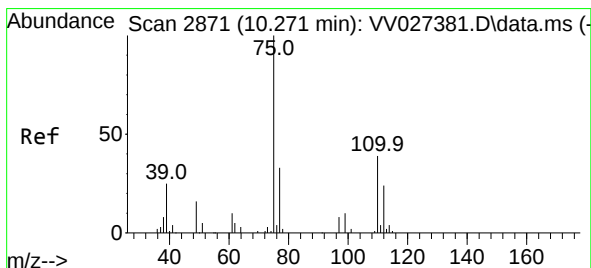
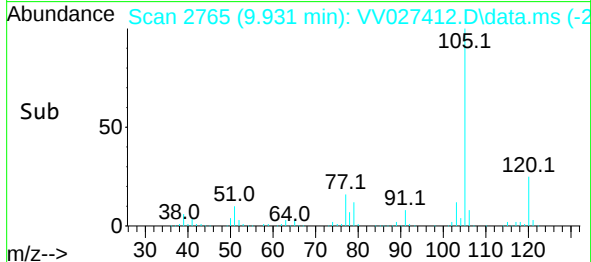
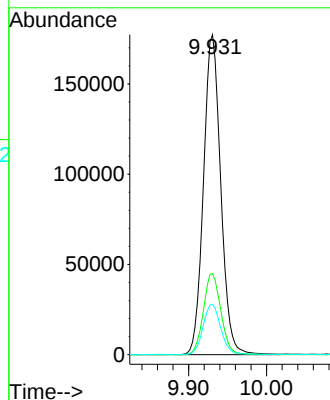
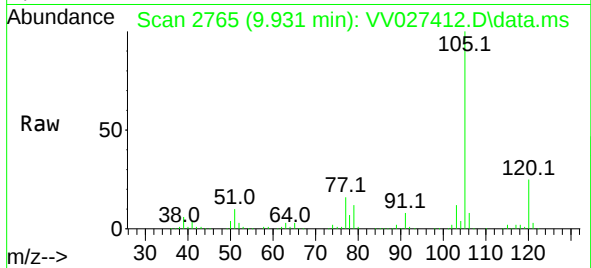




#60
Isopropylbenzene
Concen: 5.118 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

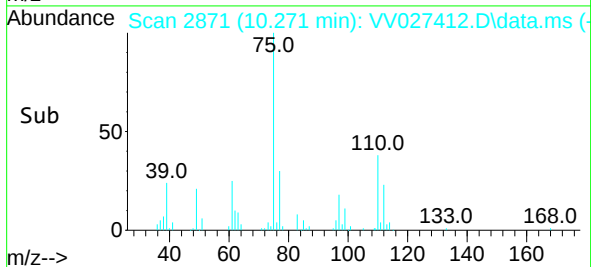
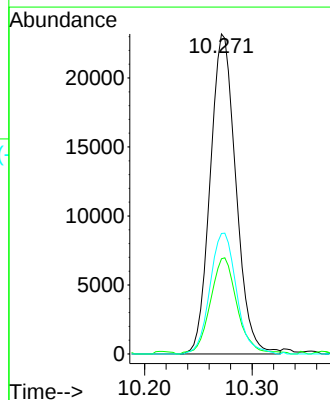
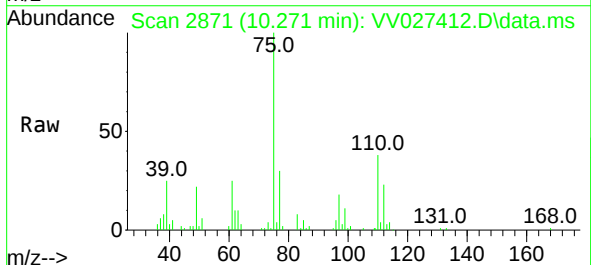
Instrument :
MSVOA_V
ClientSampleId :
VSTD005374

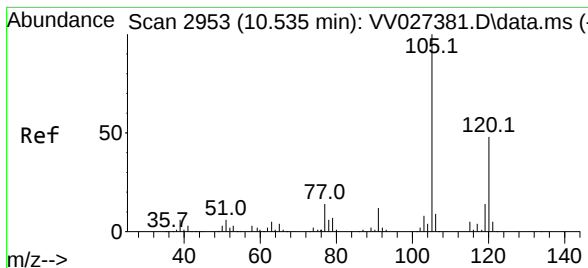
Tgt Ion:105 Resp: 273342
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.4
77 16.1 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.709 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

Tgt Ion: 75 Resp: 38458
Ion Ratio Lower Upper
75 100
77 31.4 26.6 39.8
110 39.0 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 4.717 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

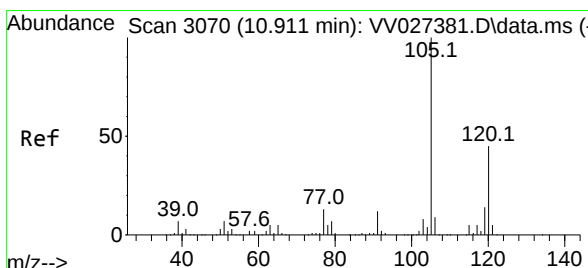
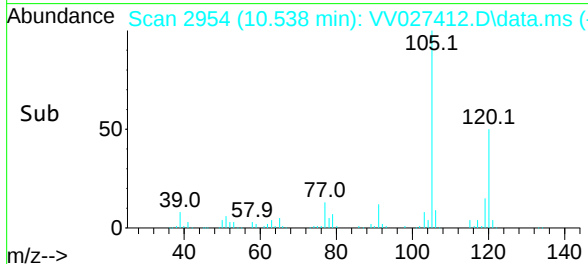
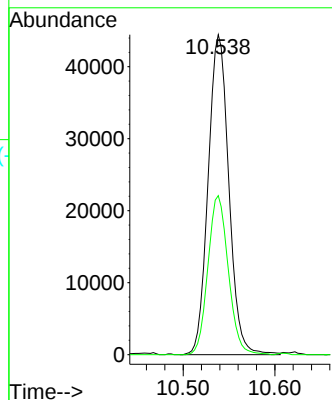
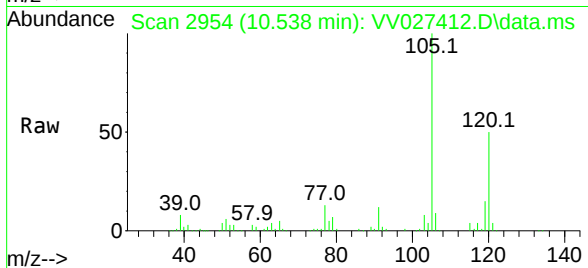
VSTD005374

Tgt Ion:105 Resp: 69634

Ion Ratio Lower Upper

105 100

120 49.0 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.838 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027412.D

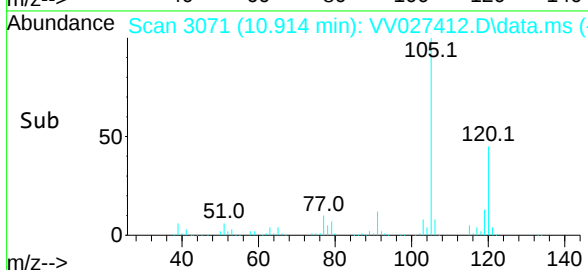
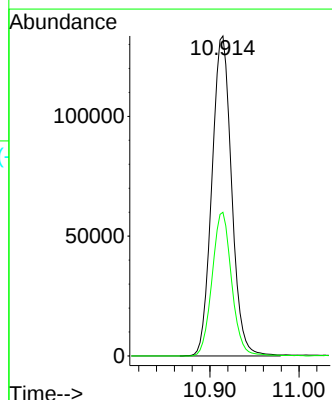
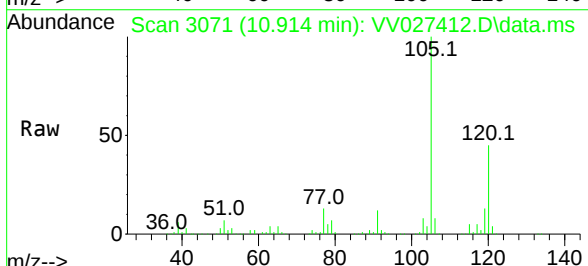
Acq: 16 Aug 2022 17:14

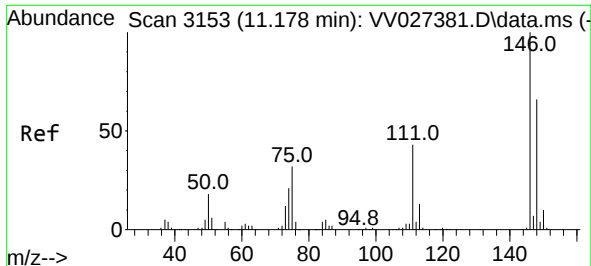
Tgt Ion:105 Resp: 204707

Ion Ratio Lower Upper

105 100

120 44.5 36.2 54.2

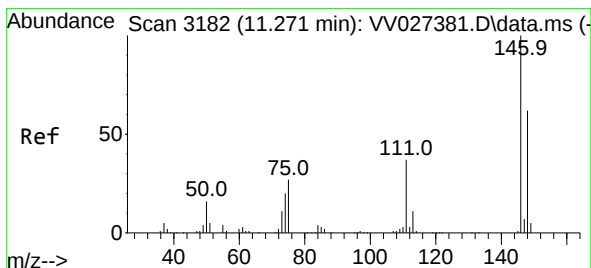
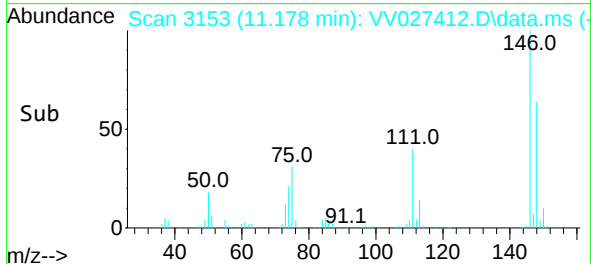
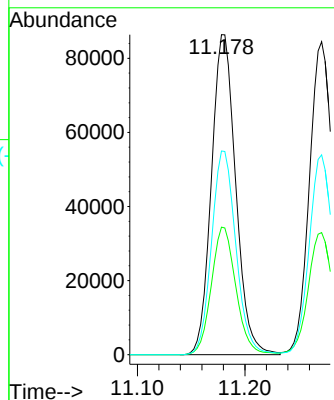
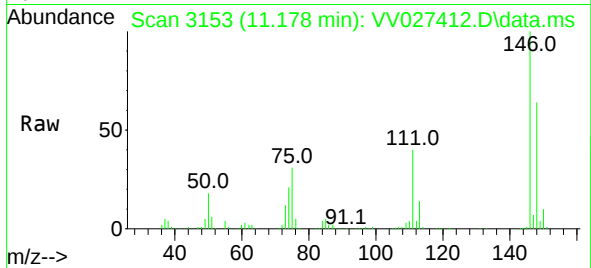




#64
1,3-Dichlorobenzene
Concen: 5.091 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

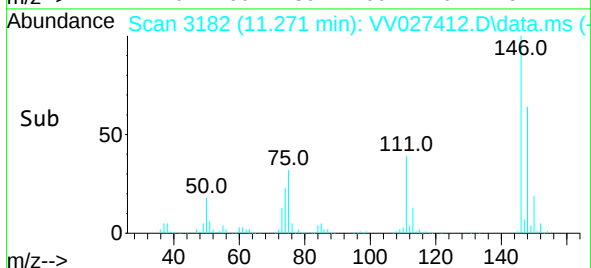
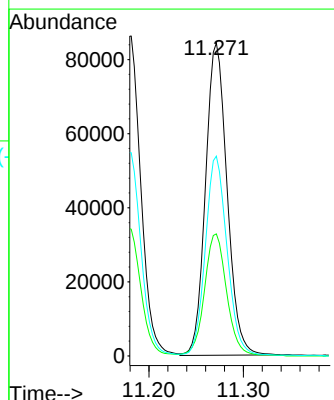
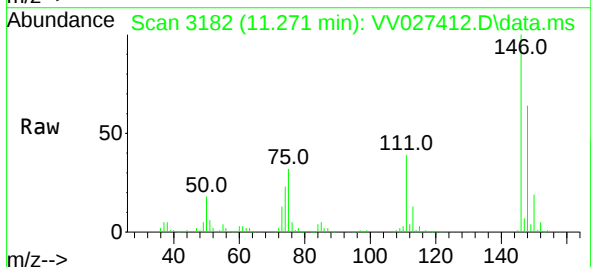
Instrument :
MSVOA_V
ClientSampleId :
VSTD005374

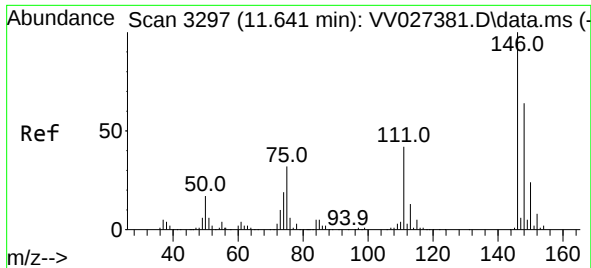
Tgt Ion:146 Resp: 135867
Ion Ratio Lower Upper
146 100
111 39.9 28.8 53.4
148 63.6 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 4.968 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

Tgt Ion:146 Resp: 133414
Ion Ratio Lower Upper
146 100
111 39.0 27.4 51.0
148 63.8 43.3 80.5

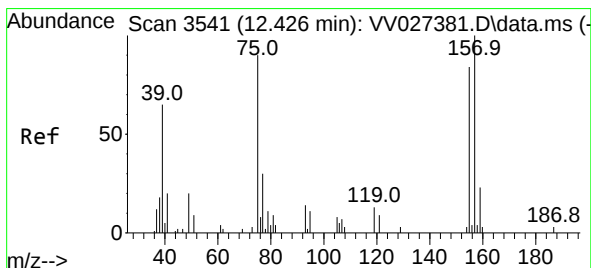
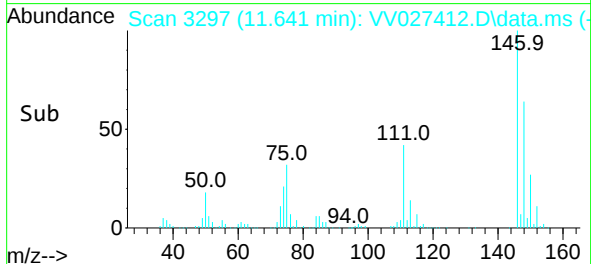
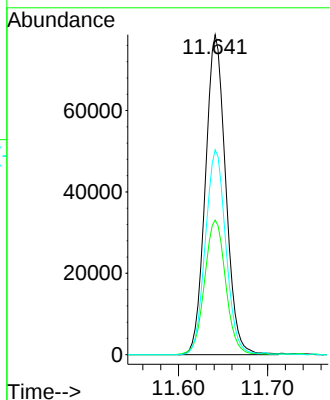
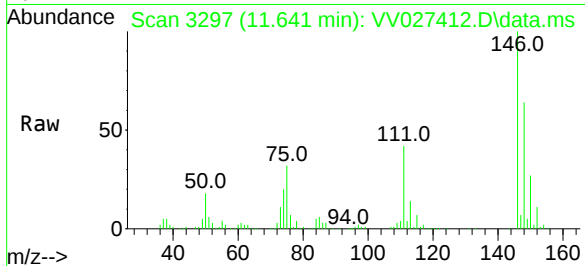




#67
1,2-Dichlorobenzene
Concen: 5.013 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

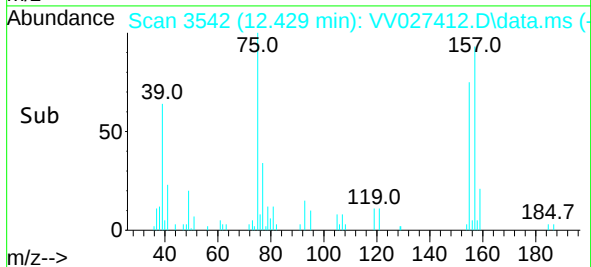
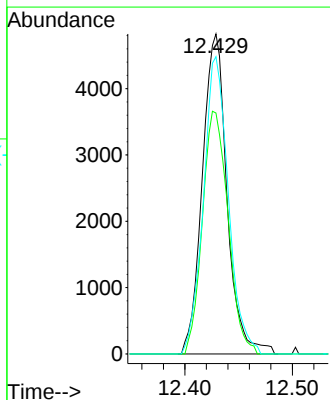
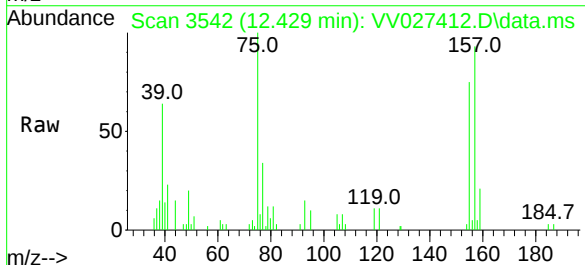
Instrument :
MSVOA_V
ClientSampleId :
VSTD005374

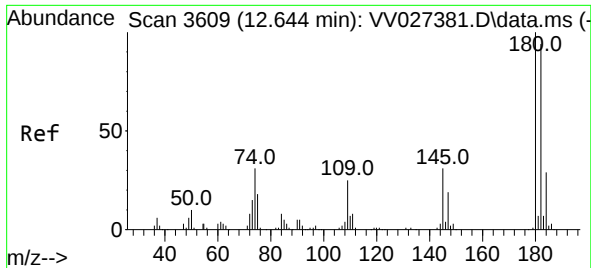
Tgt Ion:	146	Resp:	124579
Ion Ratio	Lower	Upper	
146	100		
111	42.0	33.2	49.8
148	64.0	49.9	74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.512 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

Tgt Ion:	75	Resp:	7698
Ion Ratio	Lower	Upper	
75	100		
155	75.3	65.8	98.6
157	92.9	73.0	109.4





#69

1,3,5-Trichlorobenzene

Concen: 4.939 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005374

Tgt Ion:180 Resp: 95046

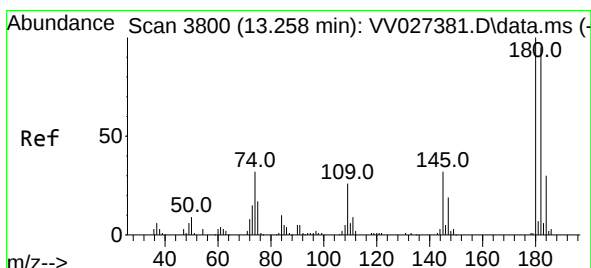
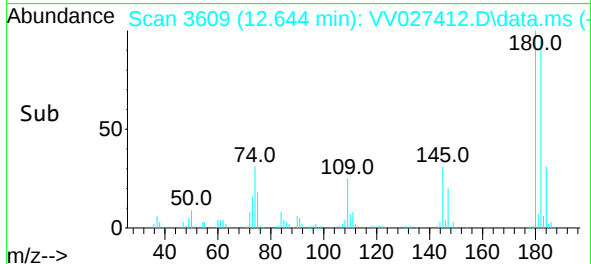
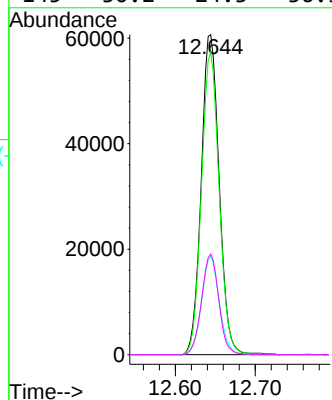
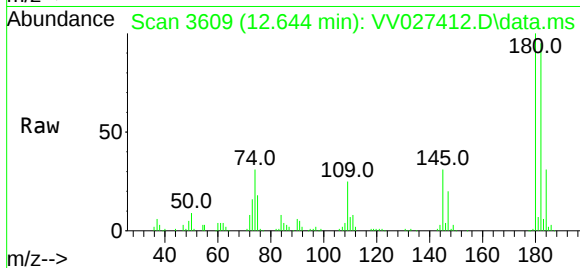
Ion Ratio Lower Upper

180 100

182 92.8 74.7 112.1

184 30.1 23.3 34.9

145 30.2 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 4.608 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027412.D

Acq: 16 Aug 2022 17:14

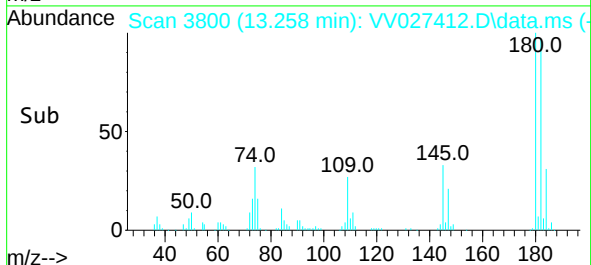
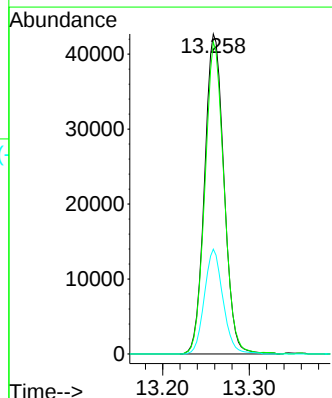
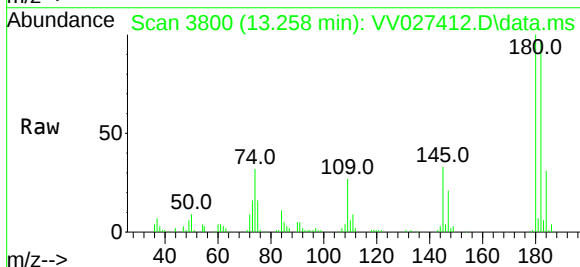
Tgt Ion:180 Resp: 66270

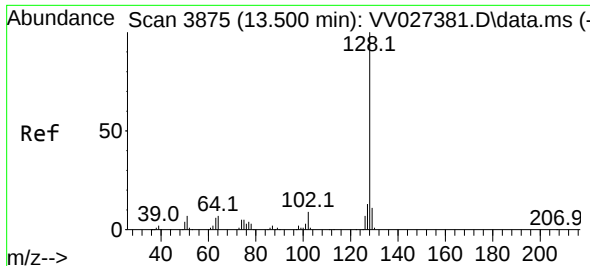
Ion Ratio Lower Upper

180 100

182 95.9 77.4 116.0

145 31.4 24.9 37.3

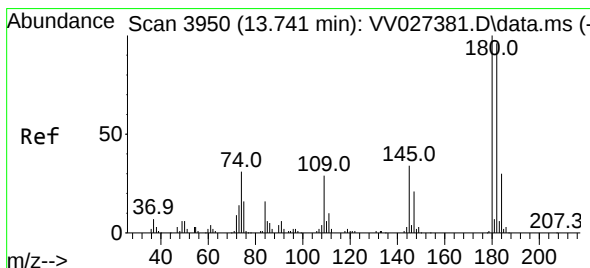
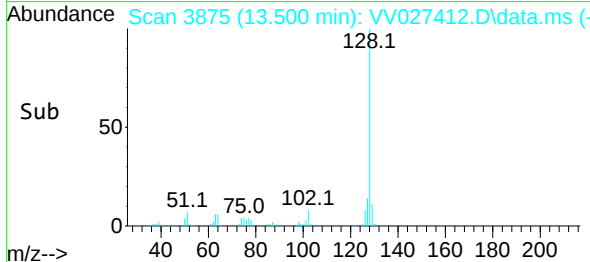
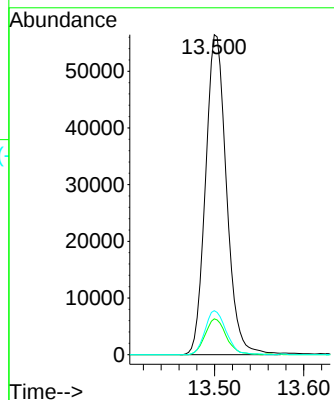
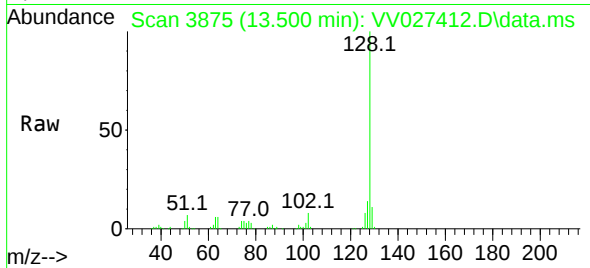




#71
Naphthalene
Concen: 4.141 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD005374

Tgt Ion:128 Resp: 92024
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.8 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.556 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027412.D
Acq: 16 Aug 2022 17:14

Tgt Ion:180 Resp: 61069
Ion Ratio Lower Upper
180 100
182 94.0 73.8 110.6
145 33.6 27.0 40.4

