

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051322\
 Data File : VW025892.D
 Acq On : 13 May 2022 15:45
 Operator : SY/MD
 Sample : VSTD00144
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001244

Quant Time: May 14 06:59:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 14 06:57:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	191374	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	193542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	99381	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	16424	0.836	ug/L	0.00
7) Chloroethane-d5	1.568	69	14115	0.819	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	35639	0.924	ug/L	0.00
20) 2-Butanone-d5	3.931	46	7952	3.059	ug/L	0.02
24) Chloroform-d	4.349	84	25693	0.865	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	10154	0.778	ug/L	0.00
32) Benzene-d6	5.053	84	49792	0.850	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	14314	0.831	ug/L	0.00
41) Toluene-d8	7.317	98	44489	0.833	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	4236	0.772	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	12149	5.826	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	9159	0.837	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	14095	0.858	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	21389	0.951	ug/L	99
3) Chloromethane	1.243	50	25201	0.966	ug/L	99
5) Vinyl chloride	1.310	62	26382	1.001	ug/L	98
6) Bromomethane	1.523	94	15434	1.059	ug/L	100
8) Chloroethane	1.587	64	17067	1.001	ug/L	99
9) Trichlorofluoromethane	1.754	101	34146	0.944	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	19628	1.000	ug/L	96
12) 1,1-Dichloroethene	2.121	96	18458	0.979	ug/L	90
13) Acetone	2.182	43	12210	6.473	ug/L	76
14) Carbon disulfide	2.294	76	48055	0.998	ug/L	99
15) Methyl Acetate	2.439	43	4134	0.945	ug/L #	77
16) Methylene chloride	2.507	84	23427	1.285	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	27997	0.980	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	16149	0.979	ug/L	96
19) 1,1-Dichloroethane	3.191	63	30872	1.044	ug/L	98
21) 2-Butanone	4.002	43	12851	5.037	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	16212	0.965	ug/L	99
23) Bromochloromethane	4.252	128	6807	0.994	ug/L	99
25) Chloroform	4.378	83	30864	0.999	ug/L	100
27) 1,2-Dichloroethane	5.137	62	15924	0.959	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	26604	0.995	ug/L	98
30) Cyclohexane	4.674	56	22078	0.912	ug/L	99
31) Carbon tetrachloride	4.828	117	22490	0.984	ug/L	99
33) Benzene	5.101	78	64221	0.974	ug/L	100
34) Trichloroethene	5.918	95	17206	0.992	ug/L	94
35) Methylcyclohexane	6.130	83	24314	0.916	ug/L	97
37) 1,2-Dichloropropane	6.175	63	14967	0.943	ug/L	99
38) Bromodichloromethane	6.510	83	18844	0.950	ug/L #	93
39) cis-1,3-Dichloropropene	7.030	75	18360	0.921	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	57934	8.589	ug/L	98
42) Toluene	7.387	91	63632	0.904	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	14056	0.890	ug/L	99

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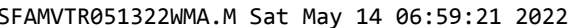
Quant Time: May 14 06:59:11 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 14 06:57:50 2022
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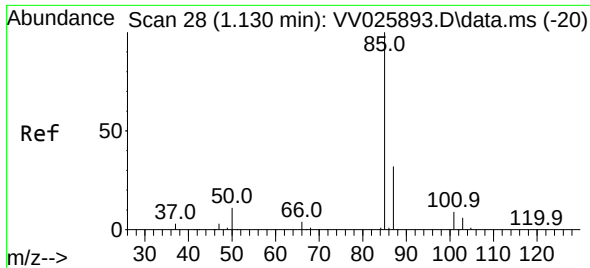
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	10545	1.030	ug/L	97
47) Tetrachloroethene	7.976	164	13052	0.886	ug/L	93
48) 2-Hexanone	8.143	43	38695	8.162	ug/L	99
49) Dibromochloromethane	8.246	129	11508	1.014	ug/L	98
50) 1,2-Dibromoethane	8.355	107	9220	1.013	ug/L #	89
51) Chlorobenzene	8.882	112	43746	0.978	ug/L	96
52) Ethylbenzene	9.011	91	65373	0.897	ug/L	98
53) m,p-Xylene	9.140	106	24436	0.851	ug/L	100
54) o-Xylene	9.542	106	23160	0.853	ug/L	96
55) Styrene	9.561	104	37993	0.848	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	10862	0.988	ug/L	94
59) Bromoform	9.731	173	5106	1.065	ug/L	100
60) Isopropylbenzene	9.931	105	62645	0.915	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	7982	0.978	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	25955	0.884	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	45545	0.849	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	31223	0.989	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	32381	1.009	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	27926	0.994	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	1633	1.078	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	23283	0.979	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	16788	0.950	ug/L	99
71) Naphthalene	13.503	128	22661	0.900	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	14429	0.994	ug/L	98

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

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QLast Update : Sat May 14 06:57:50 2022
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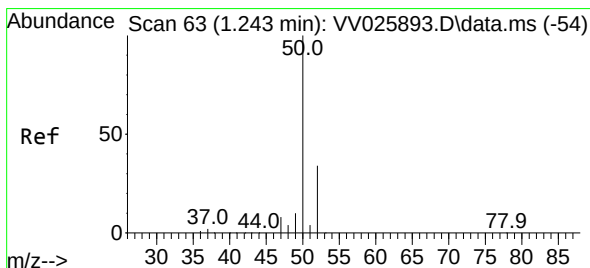
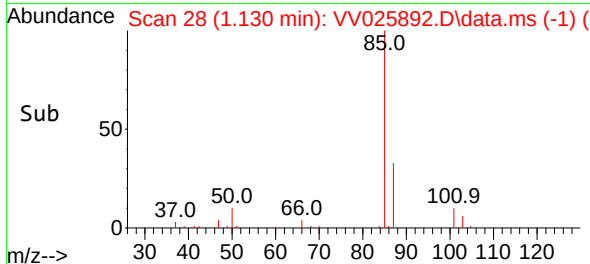
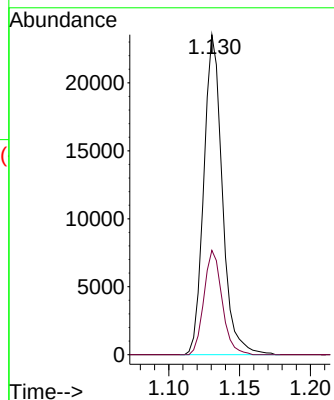
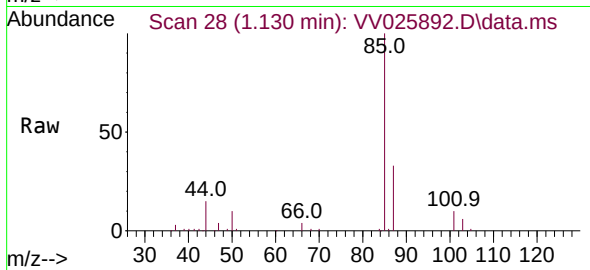




#2
 Dichlorodifluoromethane
 Concen: 0.951 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025892.D
 Acq: 13 May 2022 15:45

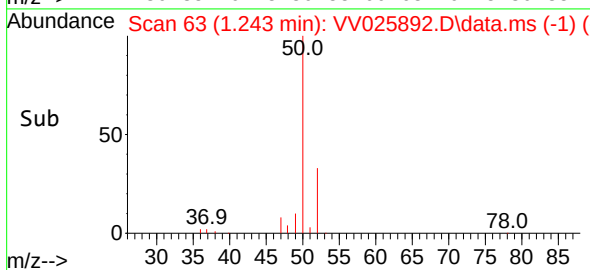
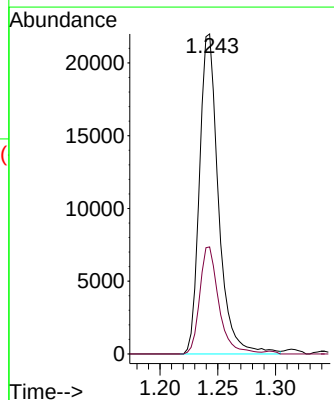
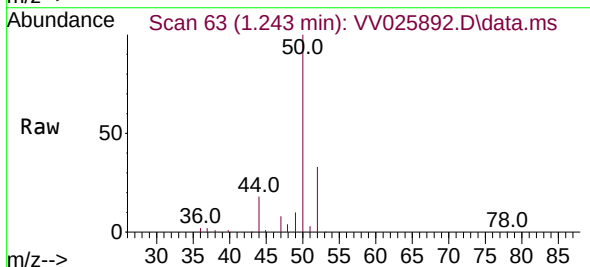
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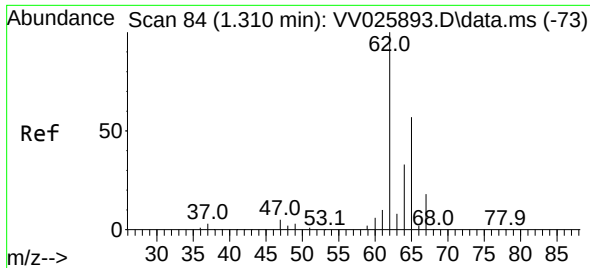
Tgt Ion: 85 Resp: 21389
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 0.966 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025892.D
 Acq: 13 May 2022 15:45

Tgt Ion: 50 Resp: 25201
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.9 44.3

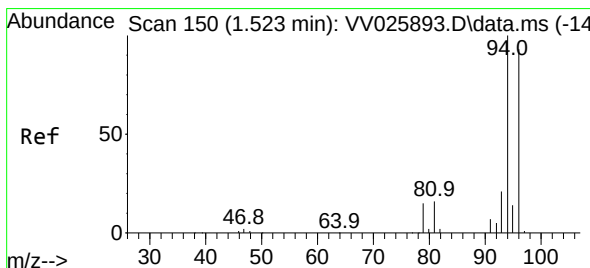
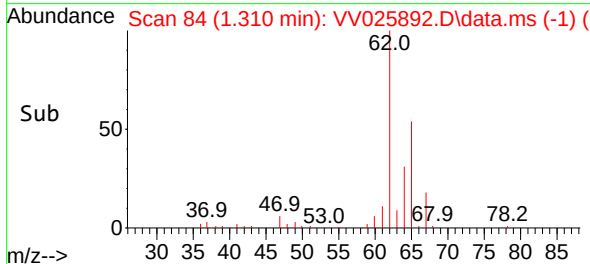
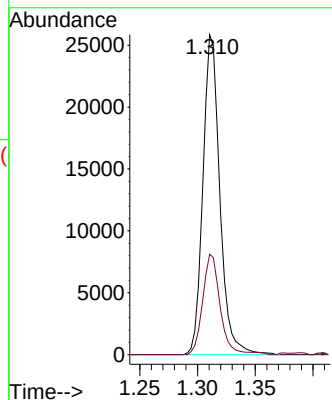
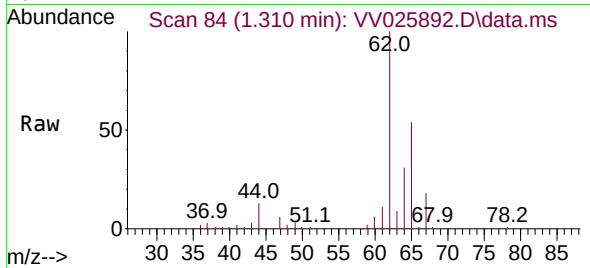




#5
 Vinyl chloride
 Concen: 1.001 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025892.D
 Acq: 13 May 2022 15:45

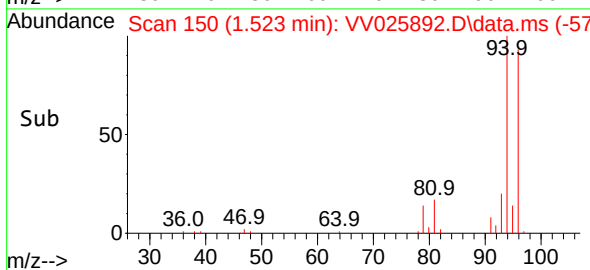
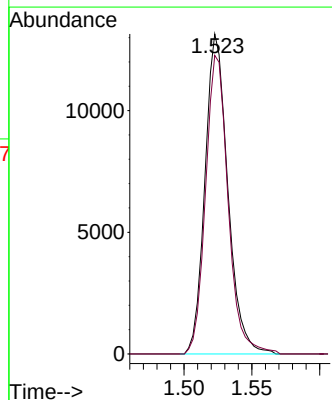
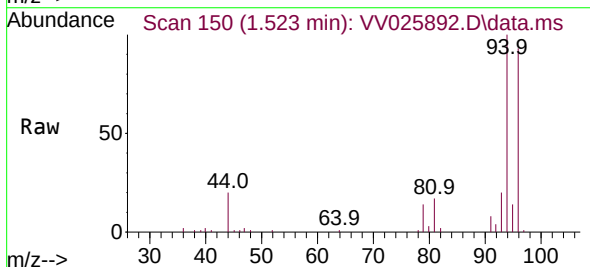
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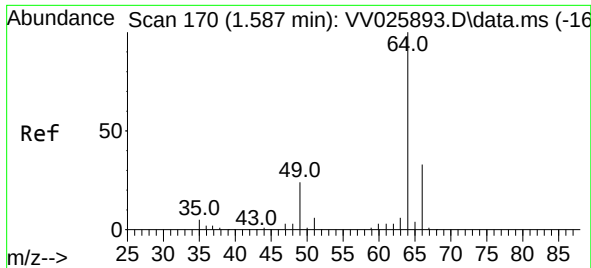
Tgt Ion: 62 Resp: 26382
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.9 42.5



#6
 Bromomethane
 Concen: 1.059 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025892.D
 Acq: 13 May 2022 15:45

Tgt Ion: 94 Resp: 15434
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.4 121.4

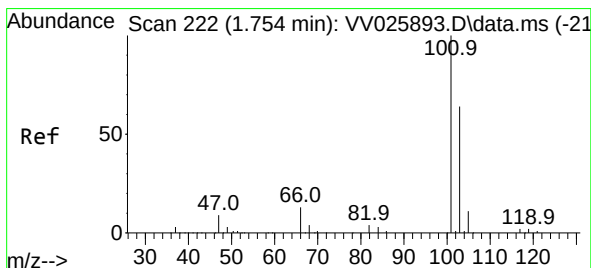
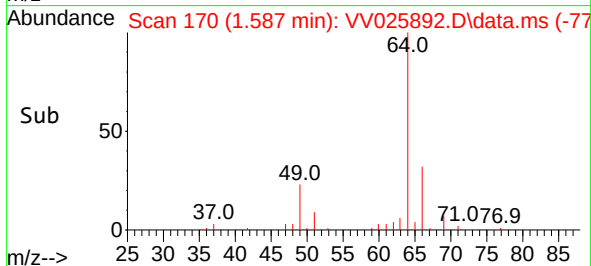
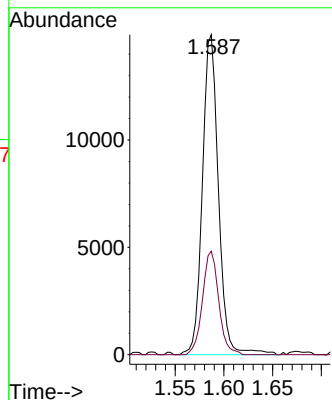
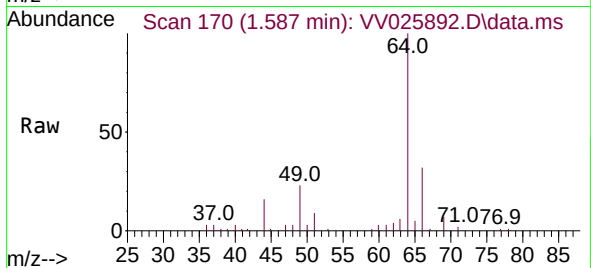




#8
Chloroethane
Concen: 1.001 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

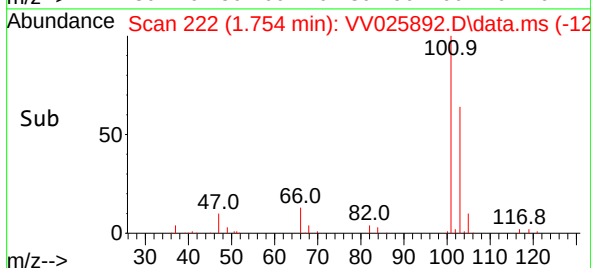
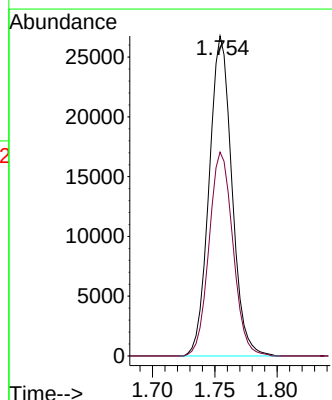
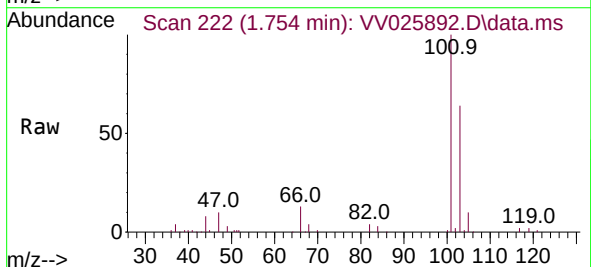
Instrument :
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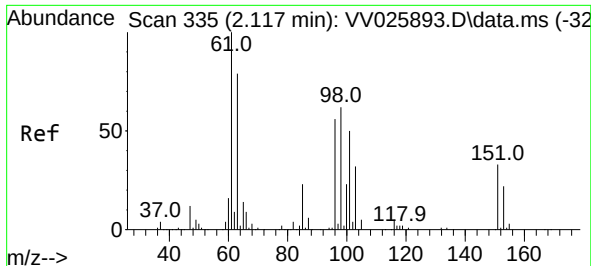
Tgt Ion: 64 Resp: 17067
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 0.944 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

Tgt Ion:101 Resp: 34146
Ion Ratio Lower Upper
101 100
103 66.6 50.6 76.0

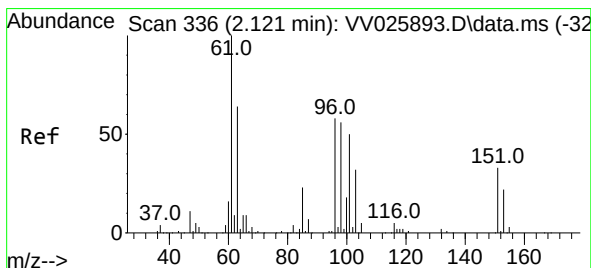
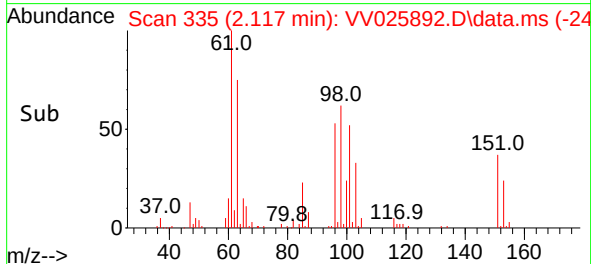
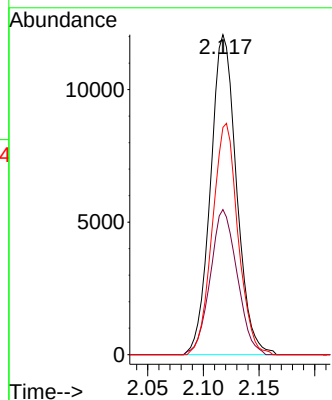
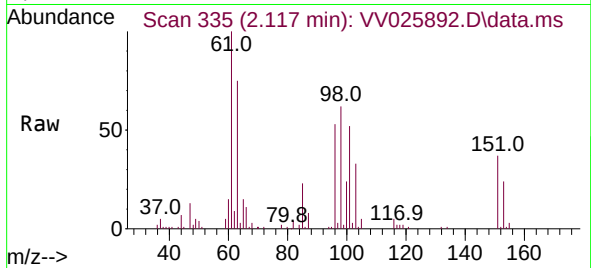




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.000 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV025892.D
 Acq: 13 May 2022 15:45

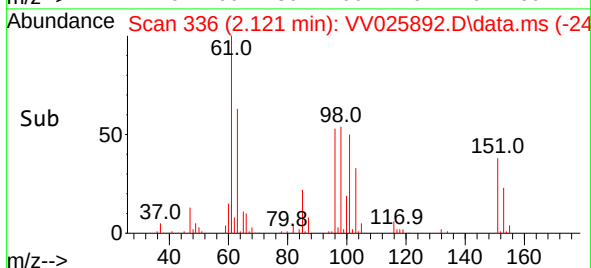
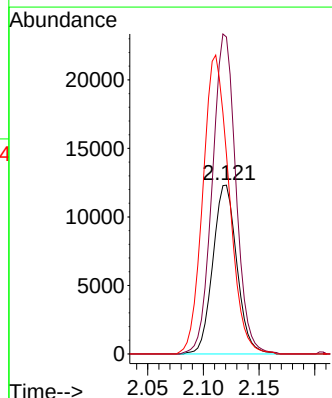
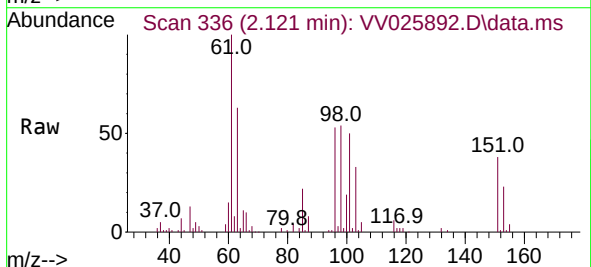
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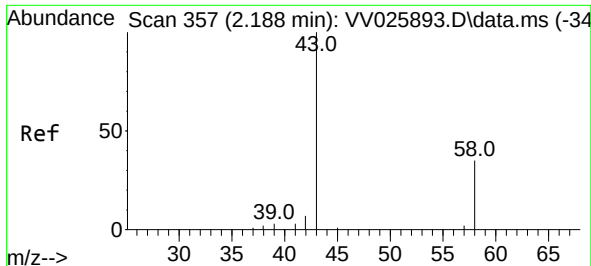
Tgt Ion:101 Resp: 19628
 Ion Ratio Lower Upper
 101 100
 85 46.8 35.7 53.5
 151 71.1 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 0.979 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025892.D
 Acq: 13 May 2022 15:45

Tgt Ion: 96 Resp: 18458
 Ion Ratio Lower Upper
 96 100
 61 187.9 119.8 222.6
 63 118.3 78.3 145.3





#13

Acetone

Concen: 6.473 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Instrument :

MSVOA_V

ClientSampleId :

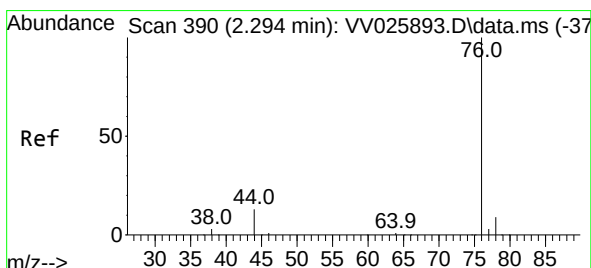
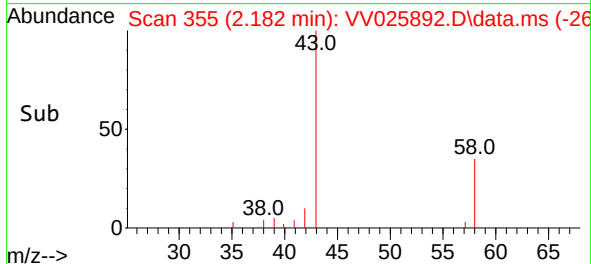
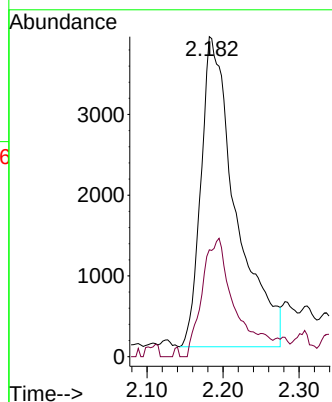
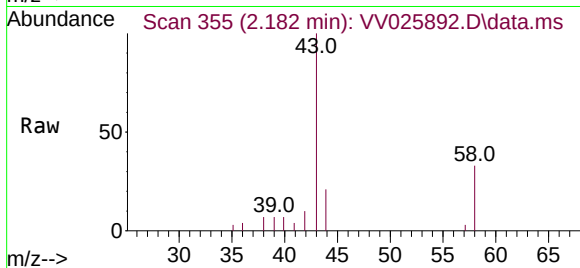
VSTD001244

Tgt Ion: 43 Resp: 12210

Ion Ratio Lower Upper

43 100

58 33.6 0.0 44.6



#14

Carbon disulfide

Concen: 0.998 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV025892.D

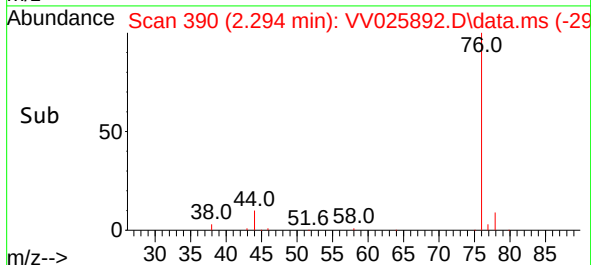
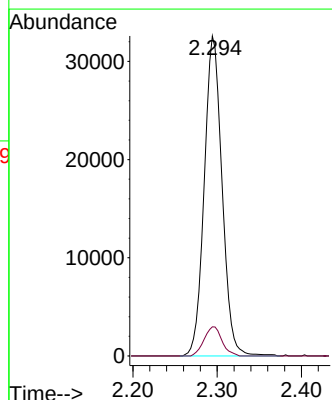
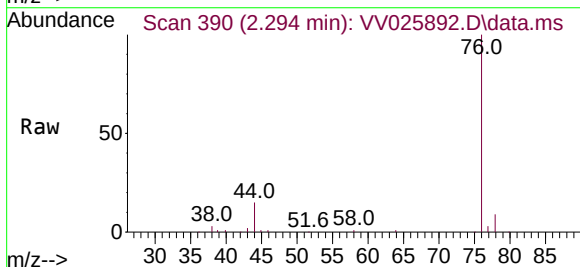
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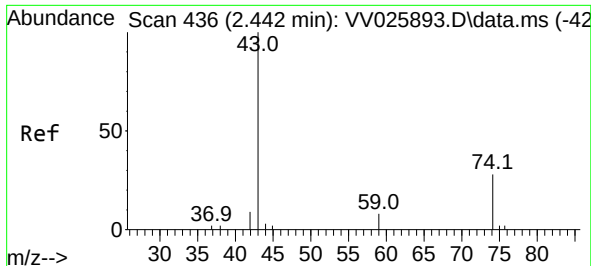
Tgt Ion: 76 Resp: 48055

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

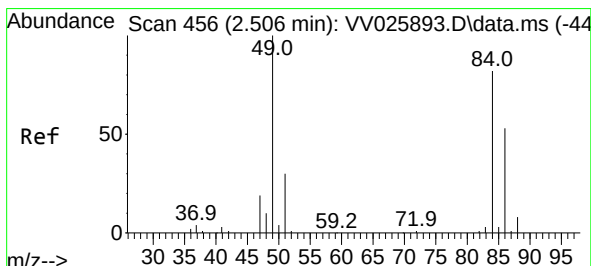
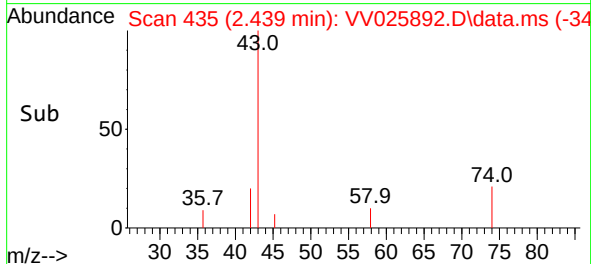
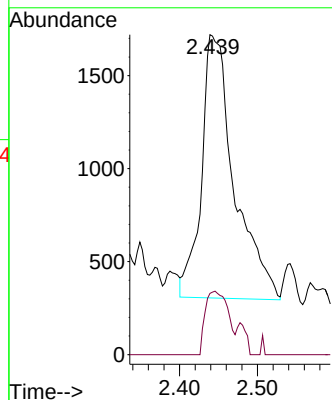
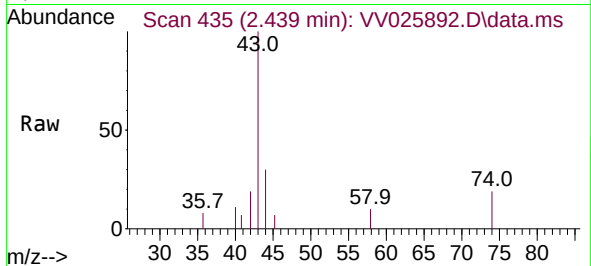




#15
Methyl Acetate
Concen: 0.945 ug/L
RT: 2.439 min Scan# 413
Delta R.T. -0.003 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

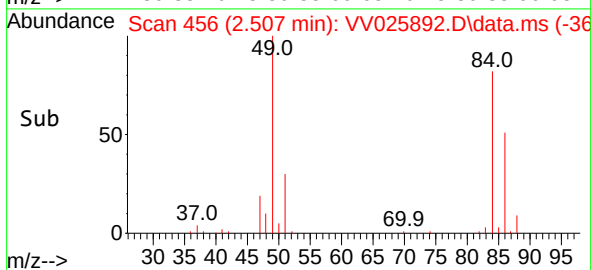
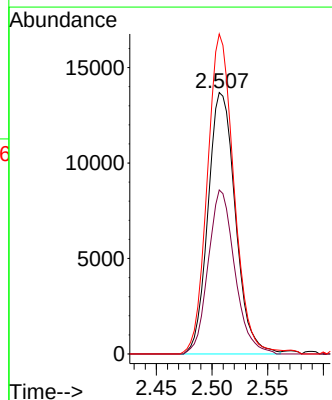
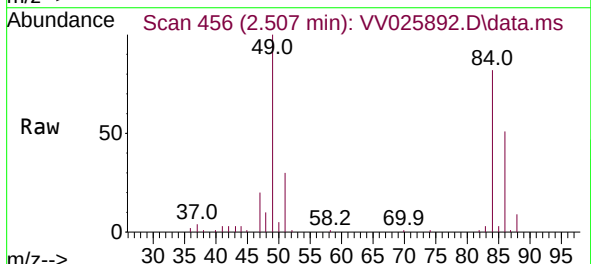
Instrument :
MSVOA_V
ClientSampleId :
VSTD001244

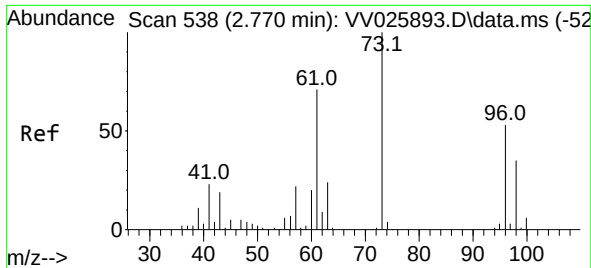
Tgt Ion: 43 Resp: 4134
Ion Ratio Lower Upper
43 100
74 16.9 23.3 34.9#



#16
Methylene chloride
Concen: 1.285 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

Tgt Ion: 84 Resp: 23427
Ion Ratio Lower Upper
84 100
86 62.7 45.4 84.2
49 122.4 85.6 159.0

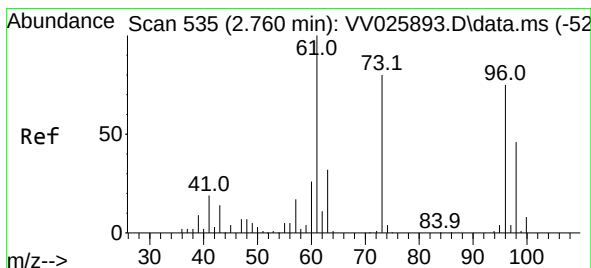
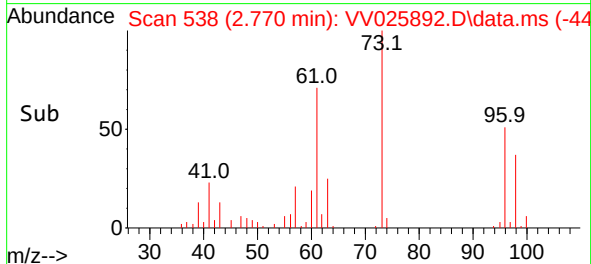
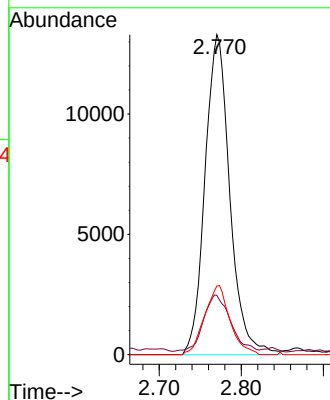
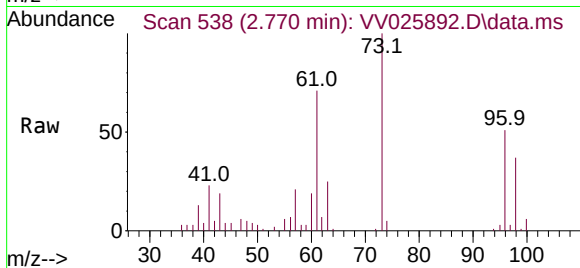




#17
Methyl tert-butyl Ether
Concen: 0.980 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

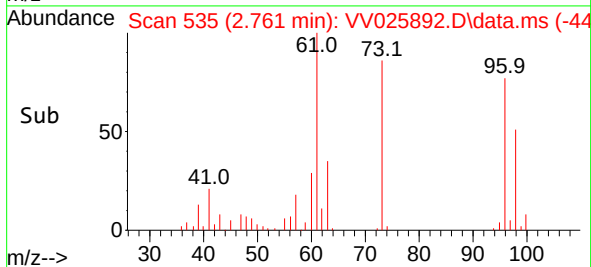
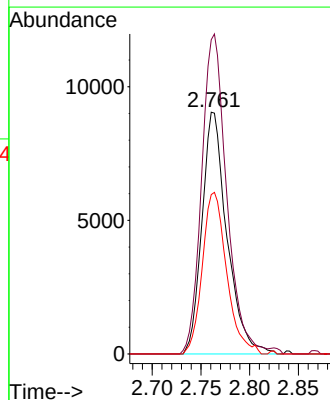
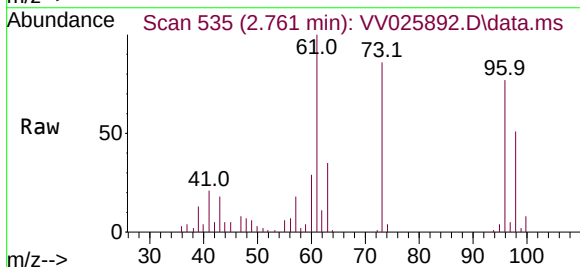
Instrument :
MSVOA_V
ClientSampleId :
VSTD001244

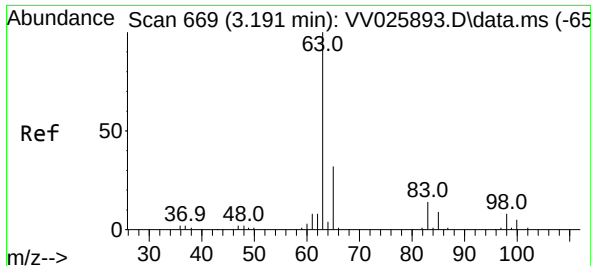
Tgt Ion:	73	Resp:	27997
Ion	Ratio	Lower	Upper
73	100		
43	19.0	14.6	22.0
57	22.0	17.9	26.9



#18
trans-1,2-Dichloroethene
Concen: 0.979 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

Tgt Ion:	96	Resp:	16149
Ion	Ratio	Lower	Upper
96	100		
61	130.0	93.6	173.8
98	65.9	42.8	79.4





#19

1,1-Dichloroethane

Concen: 1.044 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD001244

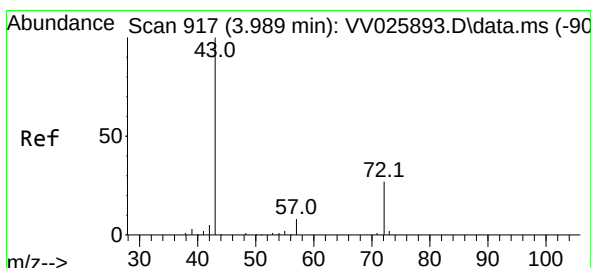
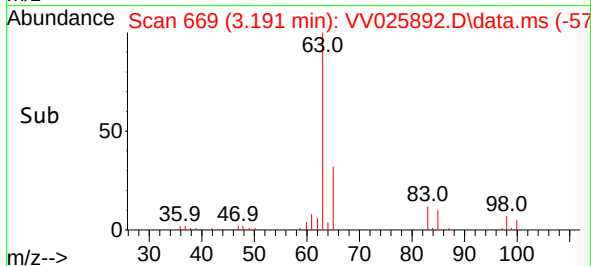
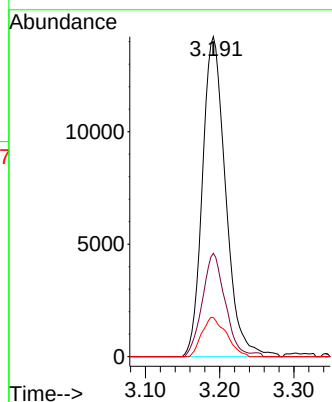
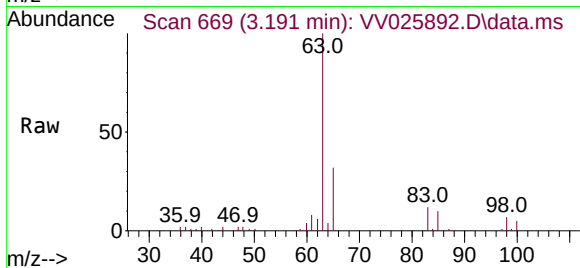
Tgt Ion: 63 Resp: 30872

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.5

83 12.2 10.0 18.6



#21

2-Butanone

Concen: 5.037 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.013 min

Lab File: VV025892.D

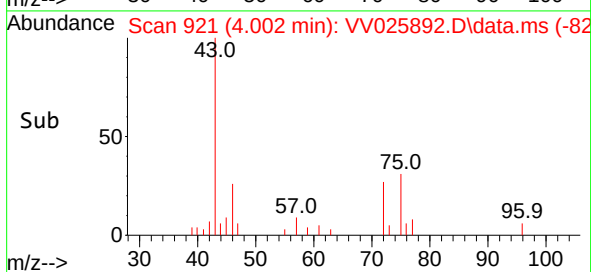
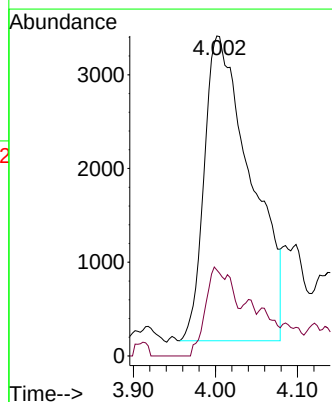
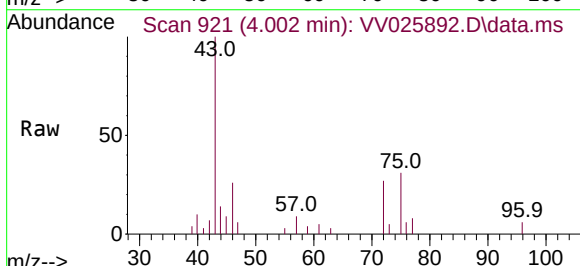
Acq: 13 May 2022 15:45

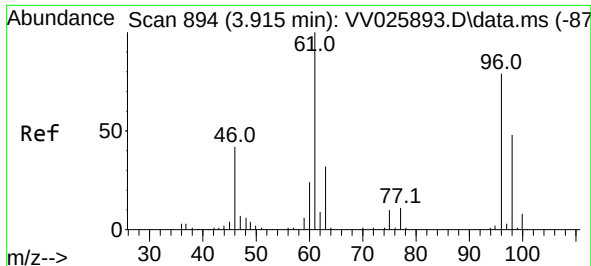
Tgt Ion: 43 Resp: 12851

Ion Ratio Lower Upper

43 100

72 17.6 10.5 31.6





#22

cis-1,2-Dichloroethene

Concen: 0.965 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.000 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD001244

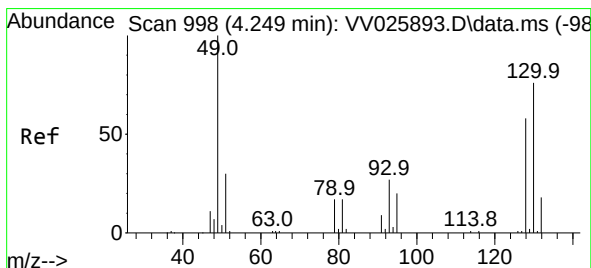
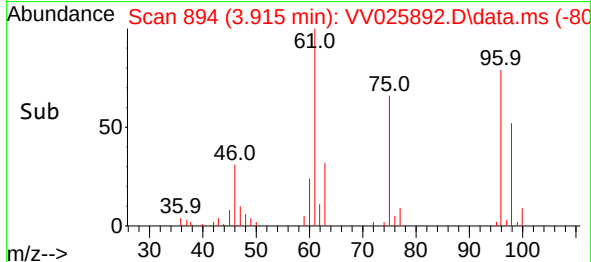
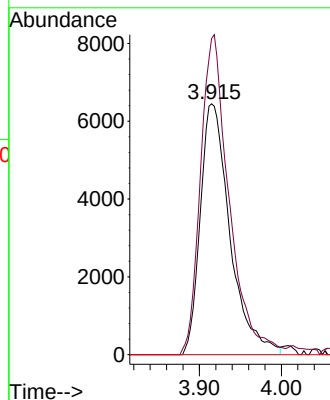
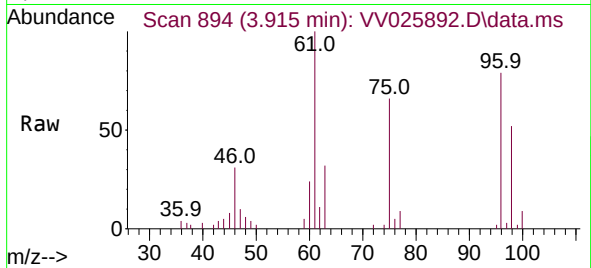
Tgt Ion: 96 Resp: 16212

Ion Ratio Lower Upper

96 100

61 125.9 88.9 165.1

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 0.994 ug/L

RT: 4.252 min Scan# 999

Delta R.T. 0.003 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Tgt Ion: 128 Resp: 6807

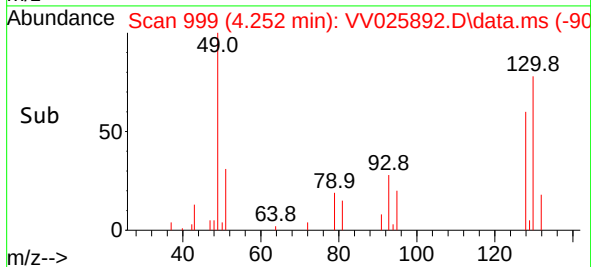
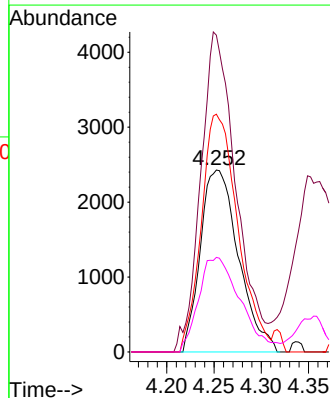
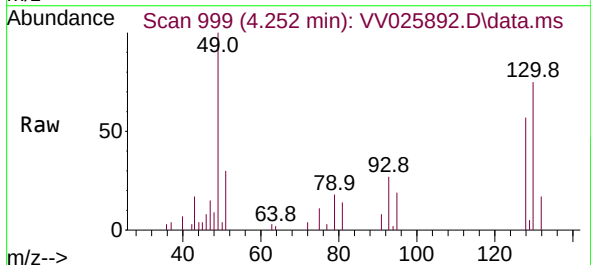
Ion Ratio Lower Upper

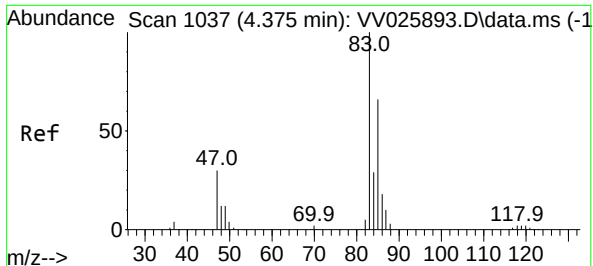
128 100

49 174.1 121.0 224.8

130 130.7 90.8 168.6

51 52.0 41.8 62.6





#25

Chloroform

Concen: 0.999 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Instrument :

MSVOA_V

ClientSampleId :

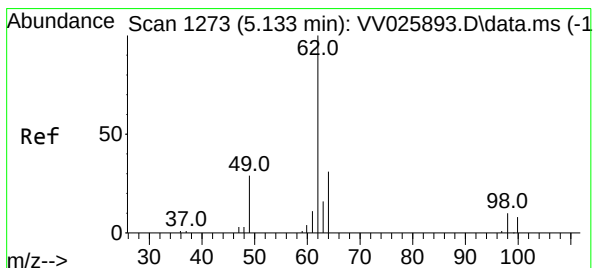
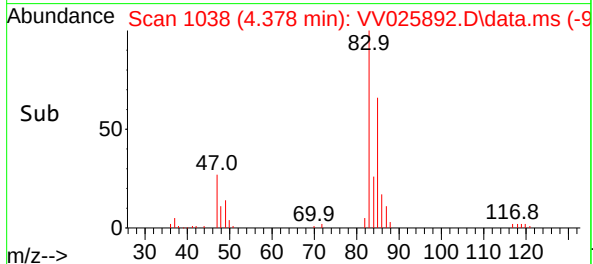
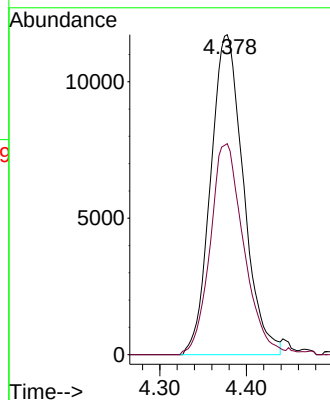
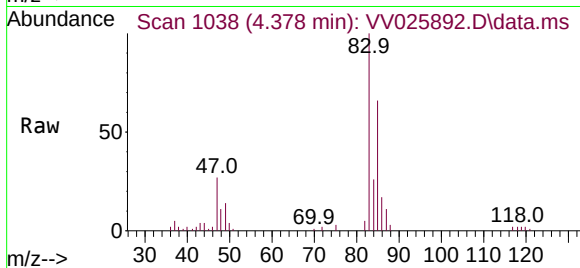
VSTD001244

Tgt Ion: 83 Resp: 30864

Ion Ratio Lower Upper

83 100

85 65.9 46.1 85.7



#27

1,2-Dichloroethane

Concen: 0.959 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VV025892.D

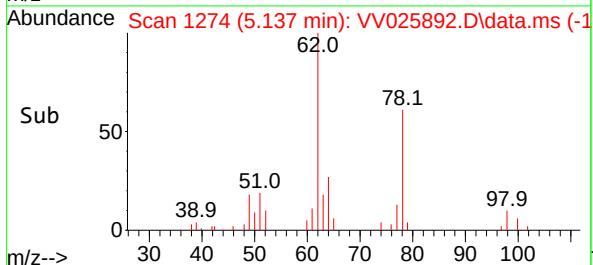
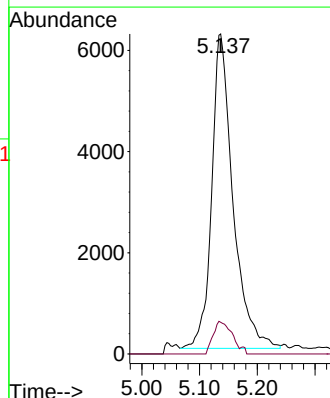
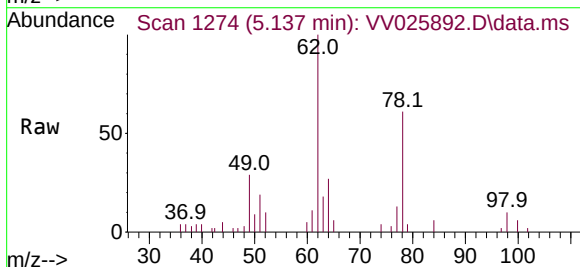
Acq: 13 May 2022 15:45

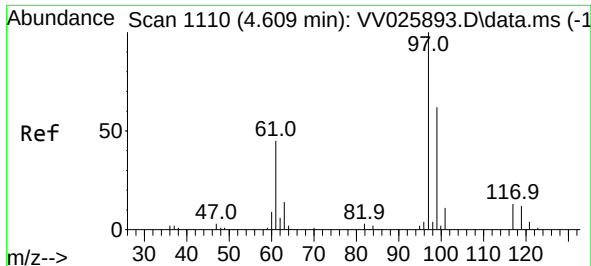
Tgt Ion: 62 Resp: 15924

Ion Ratio Lower Upper

62 100

98 9.9 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 0.995 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD001244

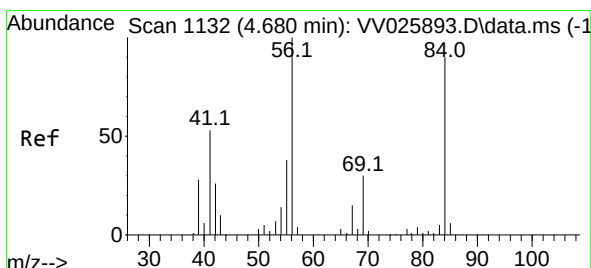
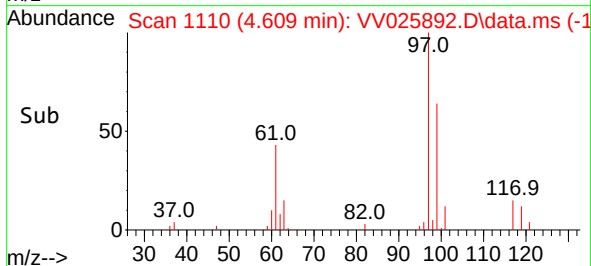
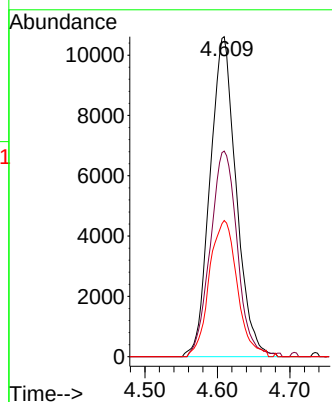
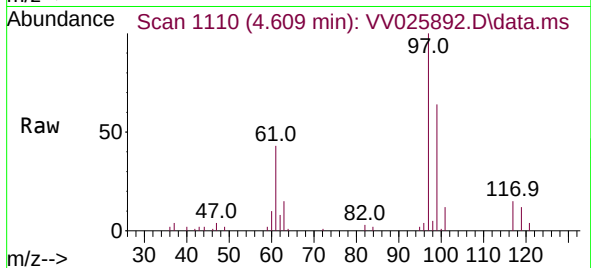
Tgt Ion: 97 Resp: 26604

Ion Ratio Lower Upper

97 100

99 66.2 51.0 76.6

61 45.3 36.3 54.5



#30

Cyclohexane

Concen: 0.912 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

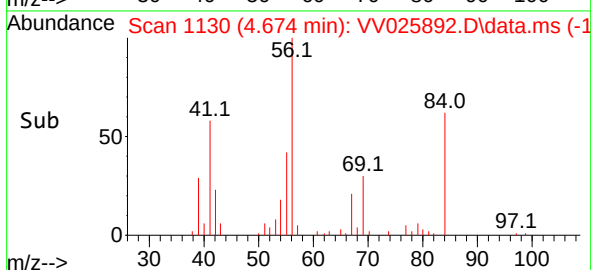
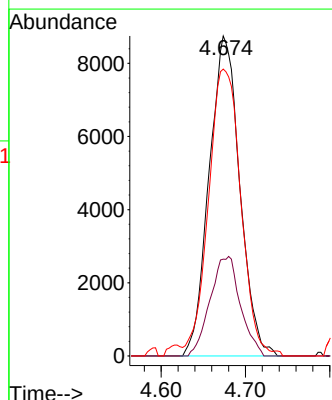
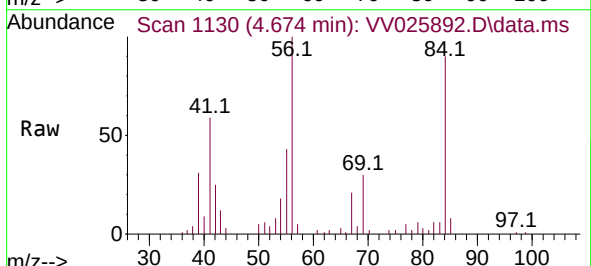
Tgt Ion: 56 Resp: 22078

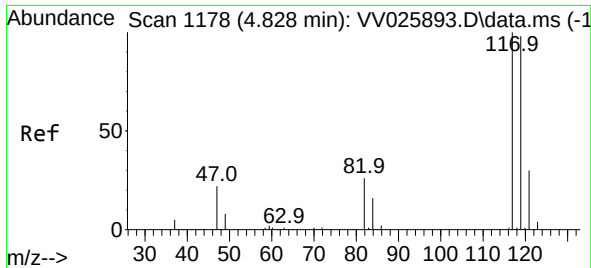
Ion Ratio Lower Upper

56 100

69 30.6 24.6 37.0

84 94.5 75.0 112.4

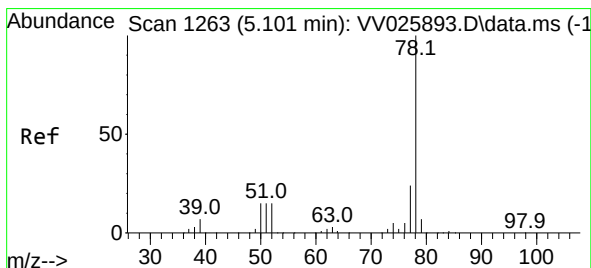
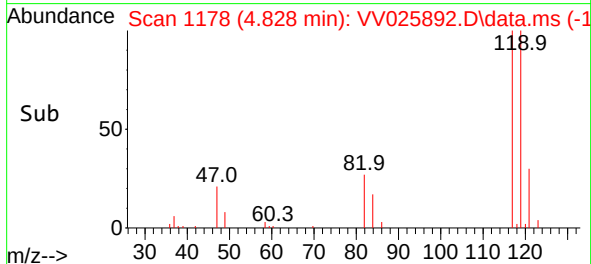
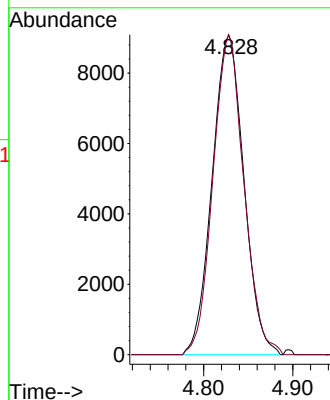
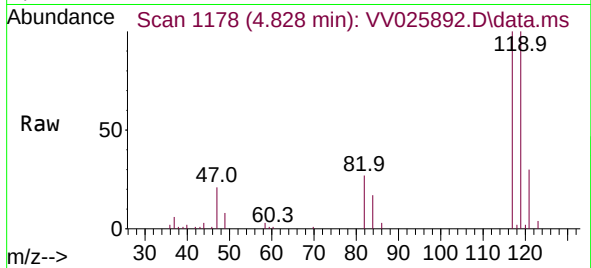




#31
Carbon tetrachloride
Concen: 0.984 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

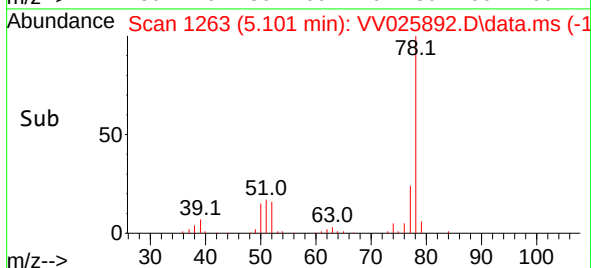
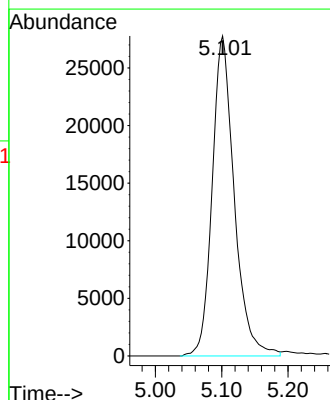
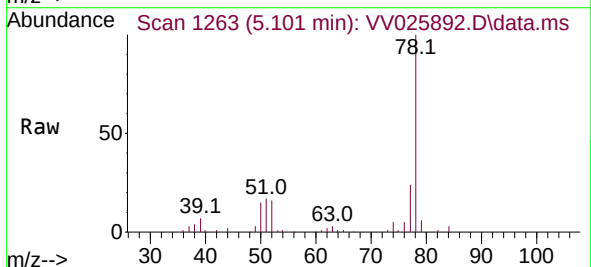
Instrument :
MSVOA_V
ClientSampleId :
VSTD001244

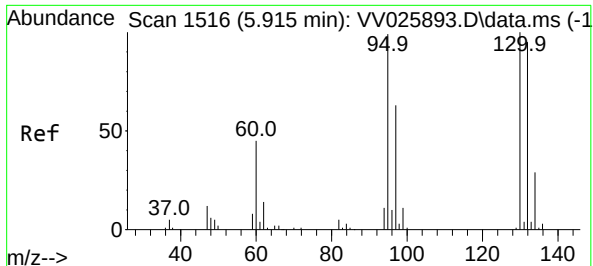
Tgt Ion:117 Resp: 22490
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.6



#33
Benzene
Concen: 0.974 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

Tgt Ion: 78 Resp: 64221





#34

Trichloroethene

Concen: 0.992 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD001244

Tgt Ion: 95 Resp: 17206

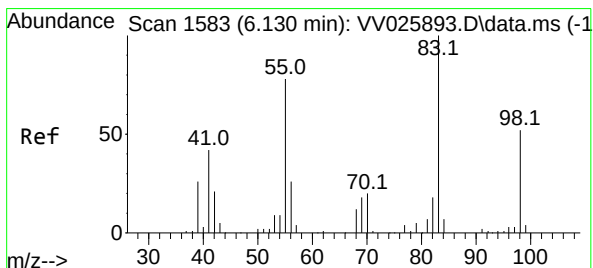
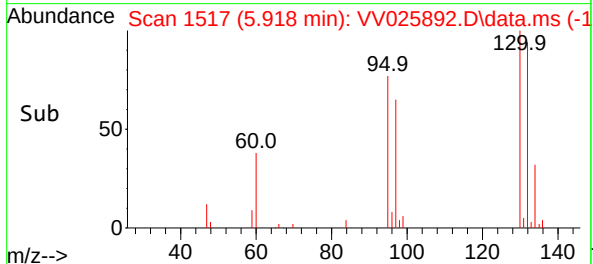
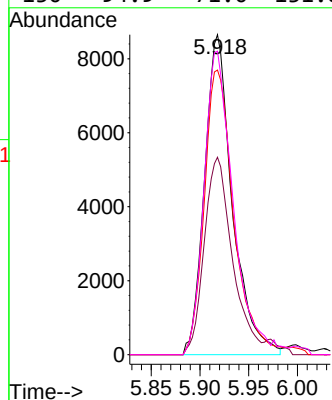
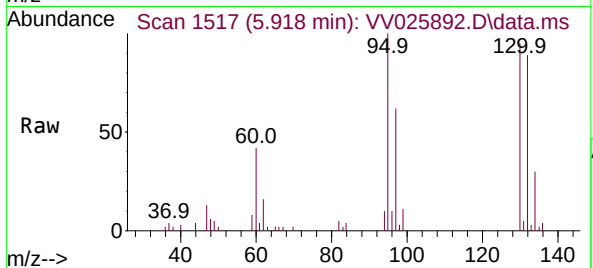
Ion Ratio Lower Upper

95 100

97 61.7 44.9 83.3

132 89.0 67.6 125.6

130 94.9 71.0 131.8



#35

Methylcyclohexane

Concen: 0.916 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

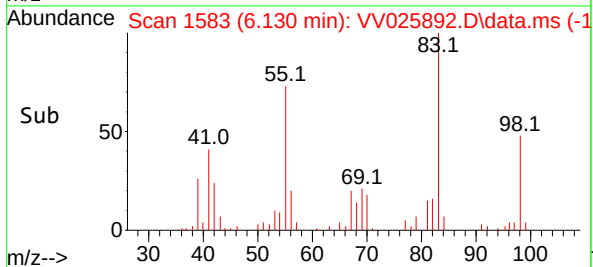
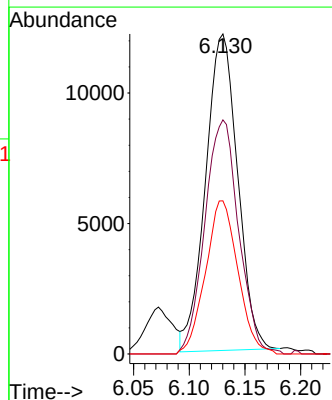
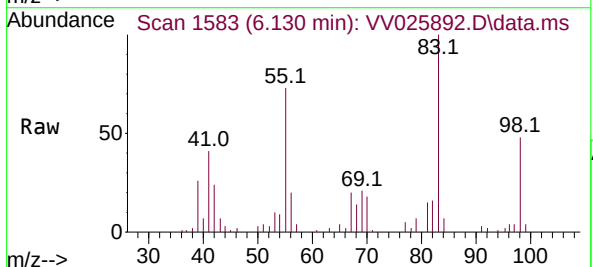
Tgt Ion: 83 Resp: 24314

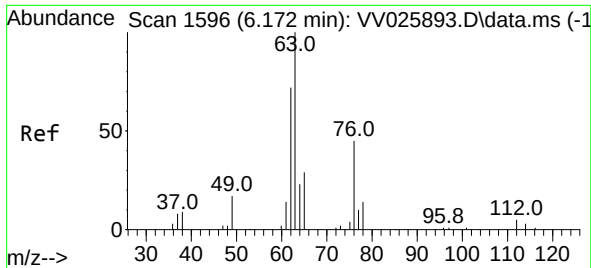
Ion Ratio Lower Upper

83 100

55 78.1 60.1 90.1

98 48.9 40.6 61.0

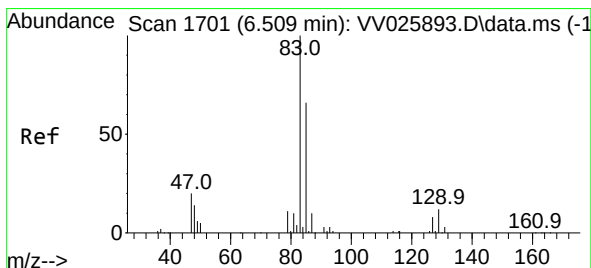
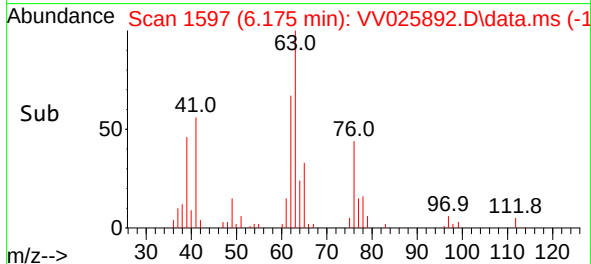
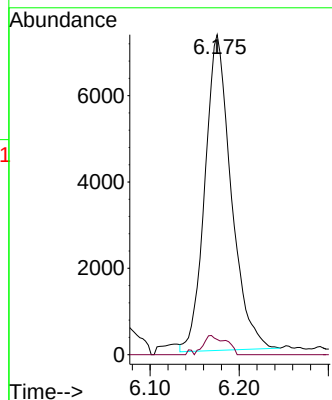
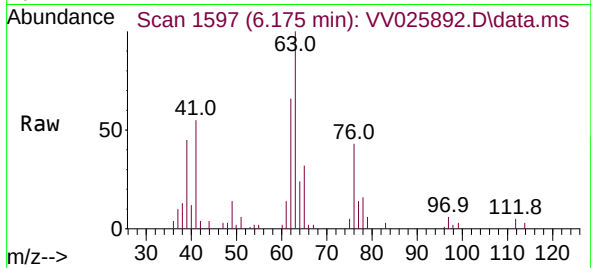




#37
1,2-Dichloropropane
Concen: 0.943 ug/L
RT: 6.175 min Scan# 1596
Delta R.T. 0.003 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

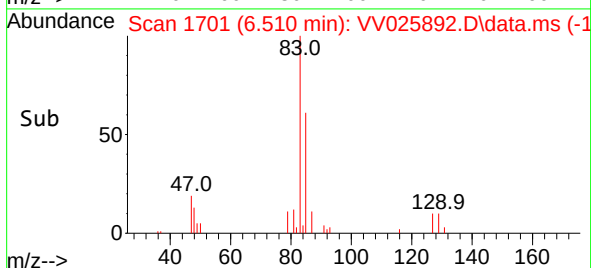
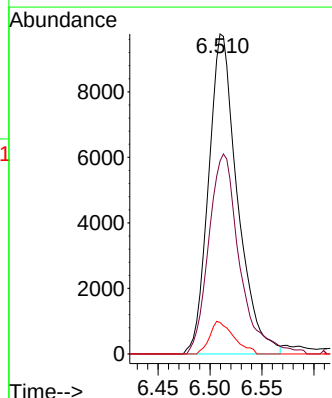
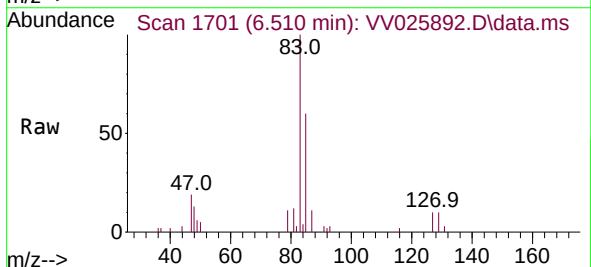
Instrument :
MSVOA_V
ClientSampleId :
VSTD001244

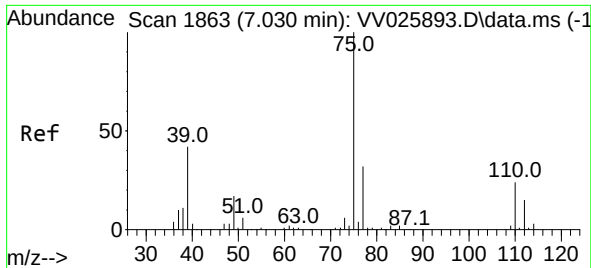
Tgt Ion: 63 Resp: 14967
Ion Ratio Lower Upper
63 100
112 5.2 3.9 5.9



#38
Bromodichloromethane
Concen: 0.950 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

Tgt Ion: 83 Resp: 18844
Ion Ratio Lower Upper
83 100
85 60.3 46.1 85.5
127 9.9 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 0.921 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Instrument :

MSVOA_V

ClientSampleId :

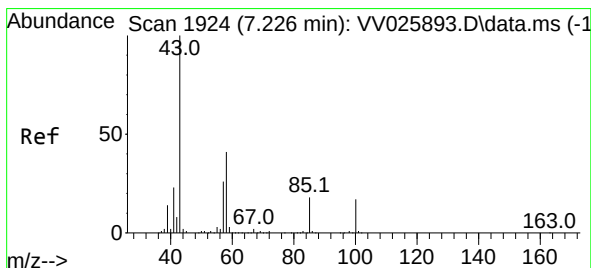
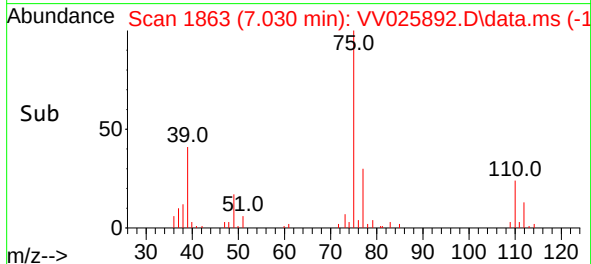
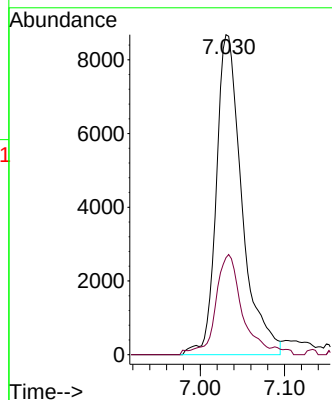
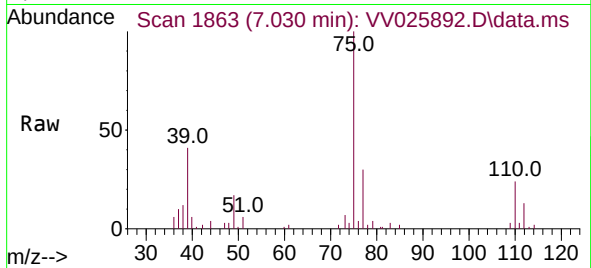
VSTD001244

Tgt Ion: 75 Resp: 18360

Ion Ratio Lower Upper

75 100

77 30.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 8.589 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

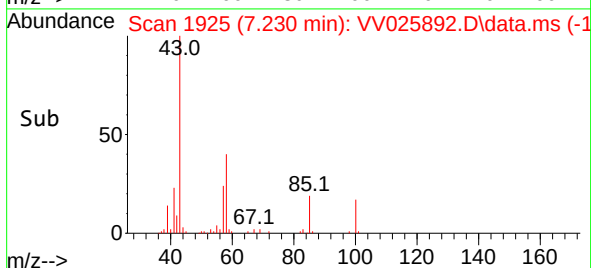
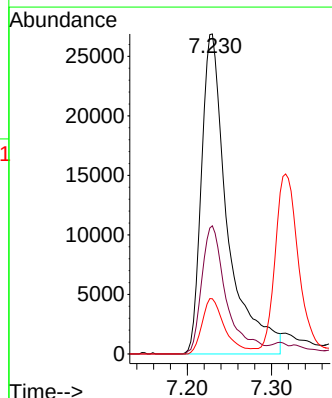
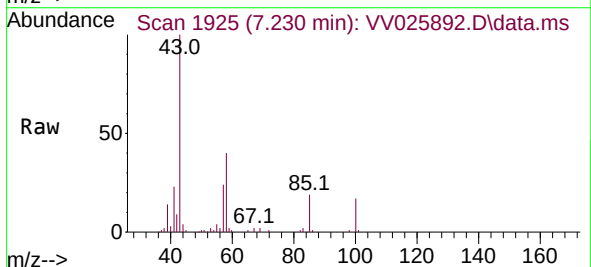
Tgt Ion: 43 Resp: 57934

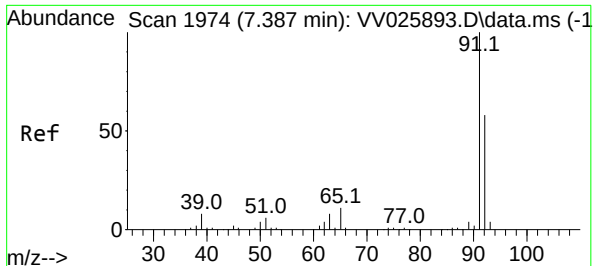
Ion Ratio Lower Upper

43 100

58 38.2 31.6 47.4

100 15.4 12.2 18.4





#42

Toluene

Concen: 0.904 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Instrument :

MSVOA_V

ClientSampleId :

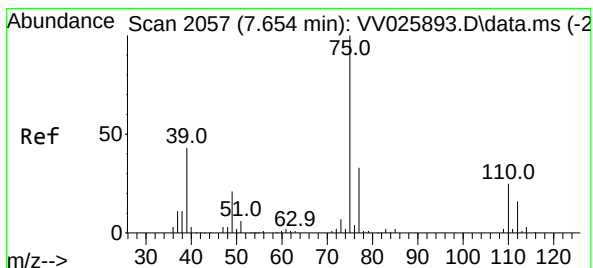
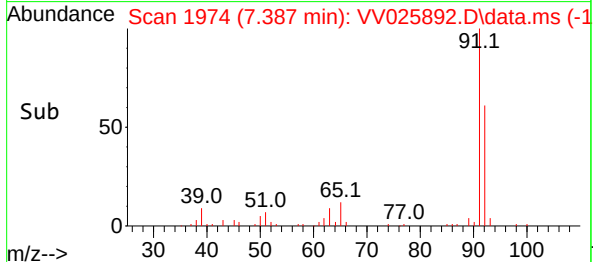
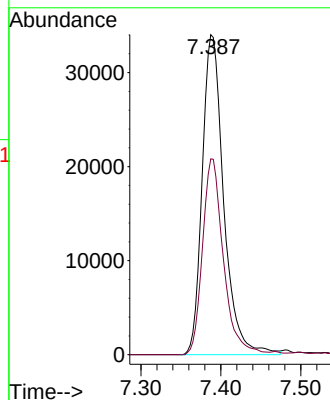
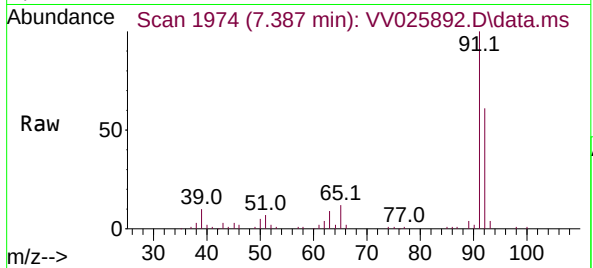
VSTD001244

Tgt Ion: 91 Resp: 63632

Ion Ratio Lower Upper

91 100

92 61.2 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 0.890 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV025892.D

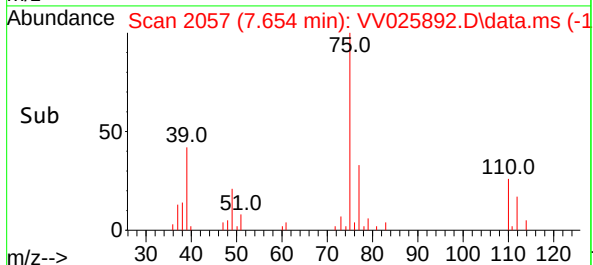
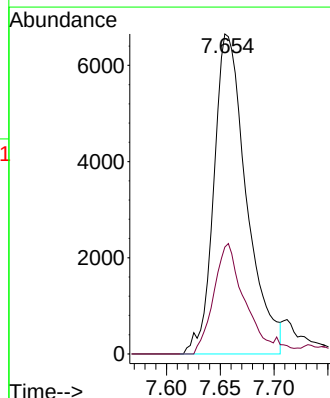
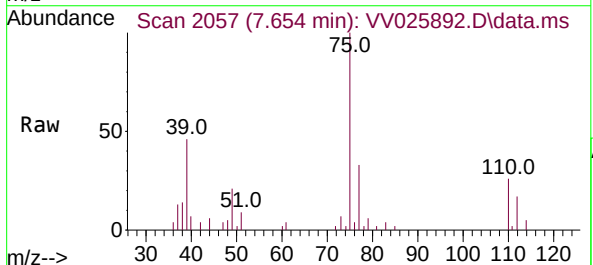
Acq: 13 May 2022 15:45

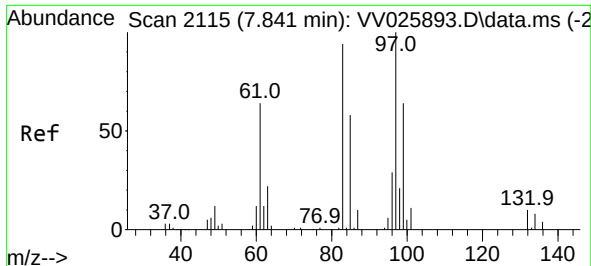
Tgt Ion: 75 Resp: 14056

Ion Ratio Lower Upper

75 100

77 33.4 23.1 42.9

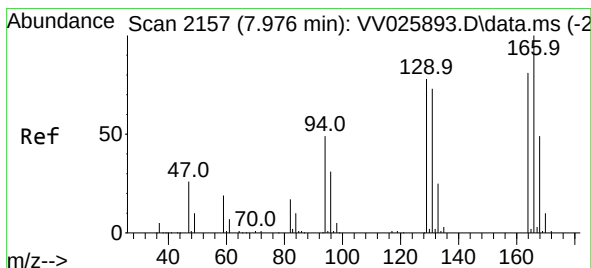
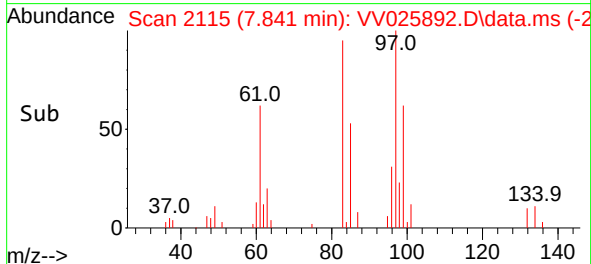
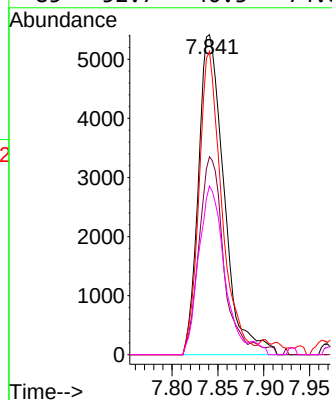
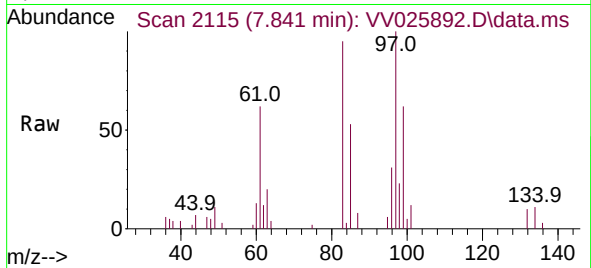




#45
1,1,2-Trichloroethane
Concen: 1.030 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

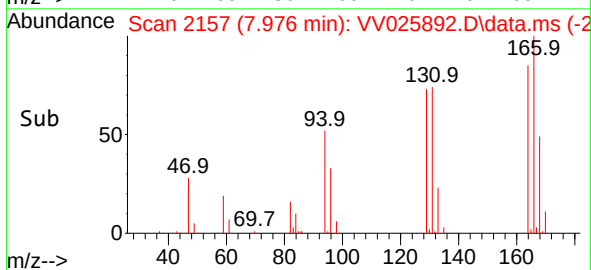
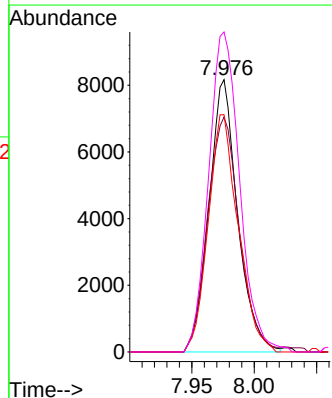
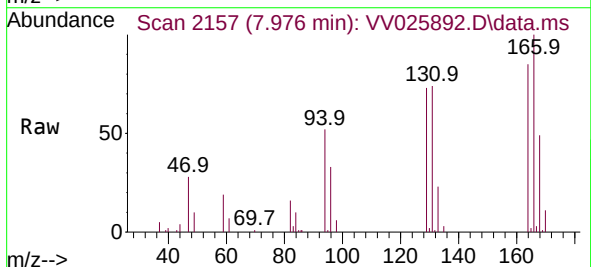
Instrument :
MSVOA_V
ClientSampleId :
VSTD001244

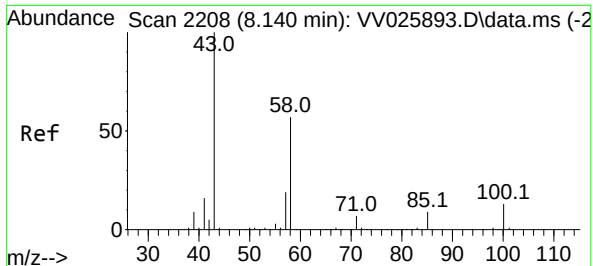
Tgt Ion:	97	Resp:	10545
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.8	83.2
83	94.7	65.7	121.9
85	52.7	40.3	74.8



#47
Tetrachloroethene
Concen: 0.886 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

Tgt Ion:	164	Resp:	13052
Ion	Ratio	Lower	Upper
164	100		
129	86.3	67.5	125.4
131	87.1	63.8	118.4
166	117.5	86.9	161.3

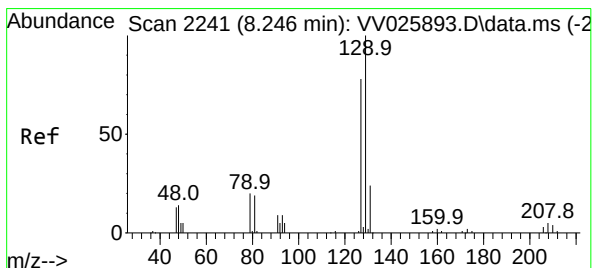
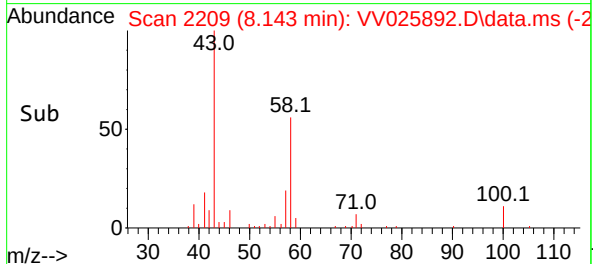
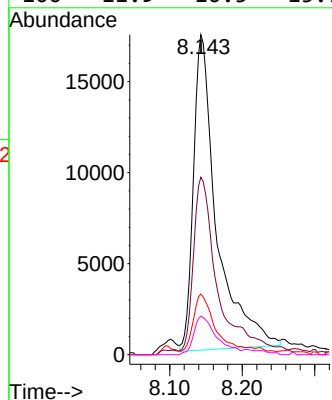
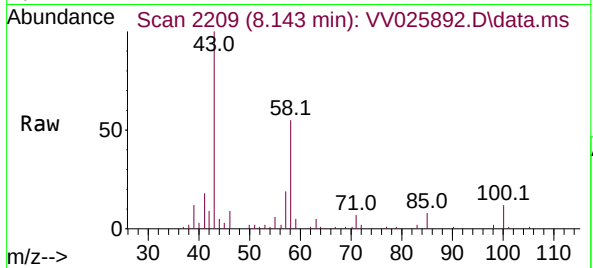




#48
2-Hexanone
Concen: 8.162 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

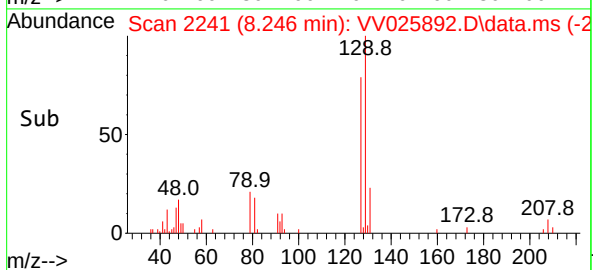
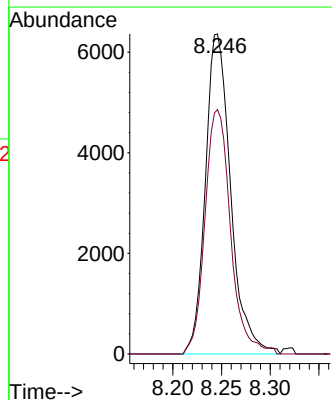
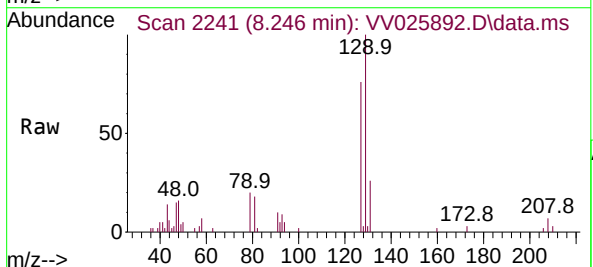
Instrument :
MSVOA_V
ClientSampleId :
VSTD001244

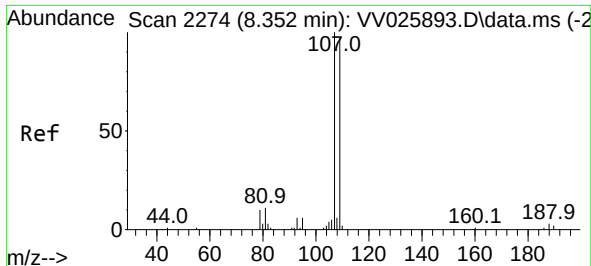
Tgt Ion:	43	Resp:	38695
Ion	Ratio	Lower	Upper
43	100		
58	55.5	44.7	67.1
57	17.4	14.9	22.3
100	11.9	10.5	15.7



#49
Dibromochloromethane
Concen: 1.014 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

Tgt Ion:	129	Resp:	11508
Ion	Ratio	Lower	Upper
129	100		
127	76.3	54.5	101.1





#50

1,2-Dibromoethane

Concen: 1.013 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

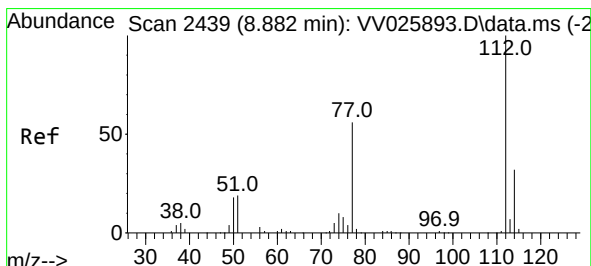
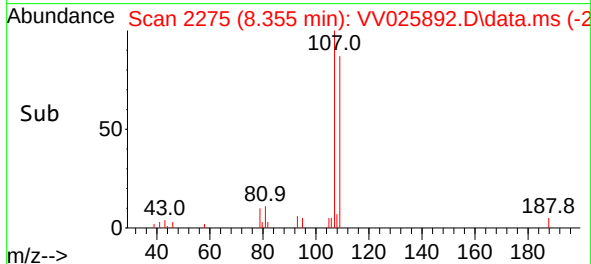
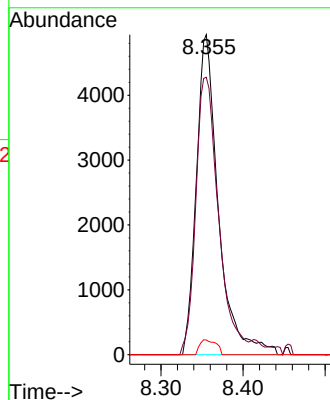
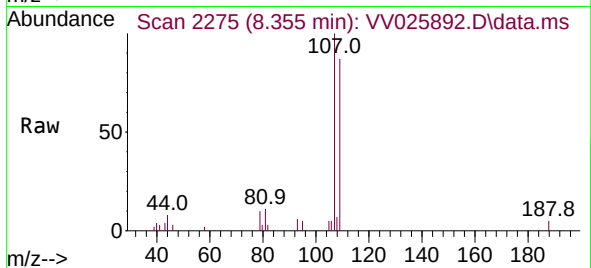
Instrument :

MSVOA_V

ClientSampleId :

VSTD001244

Tgt Ion:107	Resp:	9220
Ion	Ratio	Lower Upper
107	100	
109	86.7	68.1 126.5
188	4.6	2.7 4.1#



#51

Chlorobenzene

Concen: 0.978 ug/L

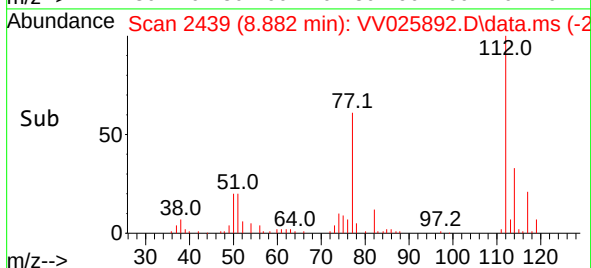
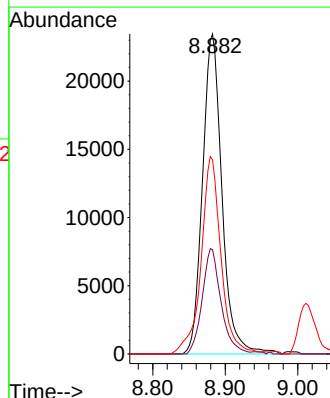
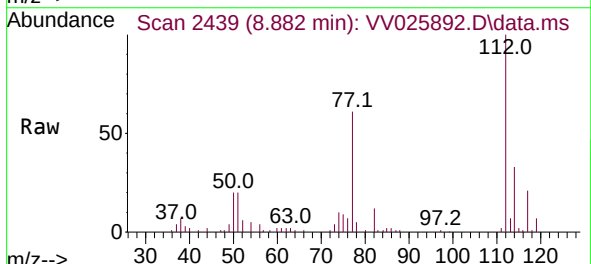
RT: 8.882 min Scan# 2439

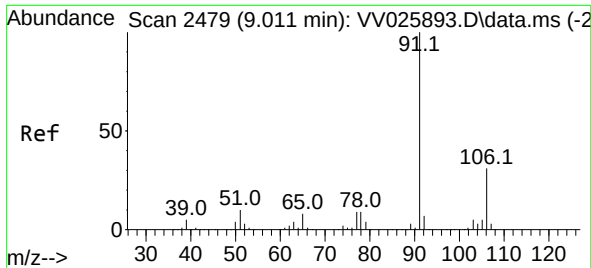
Delta R.T. 0.000 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Tgt Ion:112	Resp:	43746
Ion	Ratio	Lower Upper
112	100	
114	32.6	22.3 41.3
77	60.7	45.3 67.9





#52

Ethylbenzene

Concen: 0.897 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Instrument :

MSVOA_V

ClientSampleId :

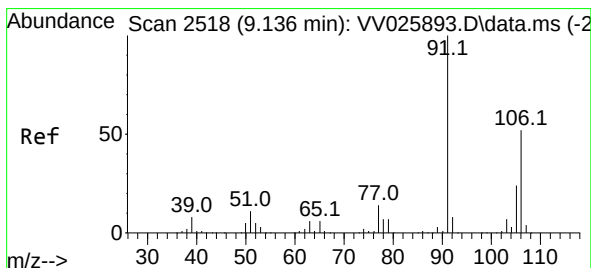
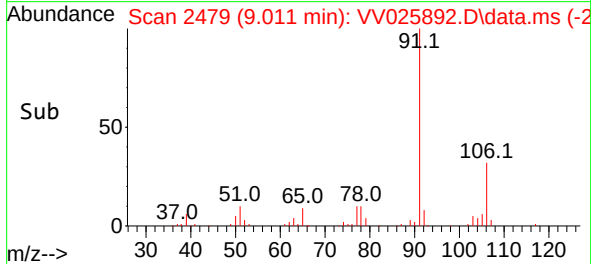
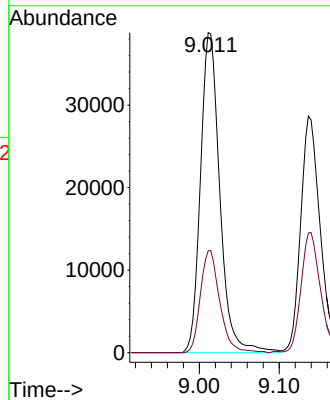
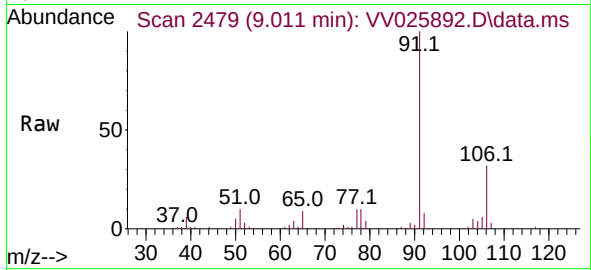
VSTD001244

Tgt Ion: 91 Resp: 65373

Ion Ratio Lower Upper

91 100

106 31.8 21.6 40.0



#53

m,p-Xylene

Concen: 0.851 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV025892.D

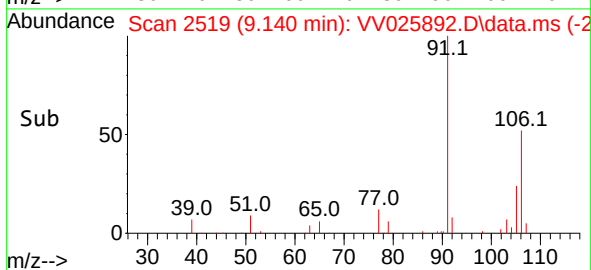
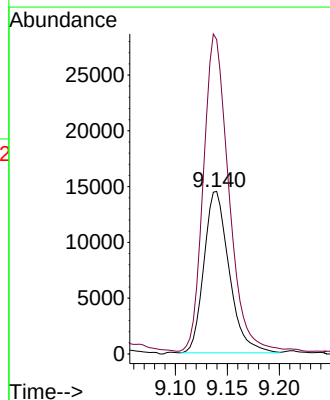
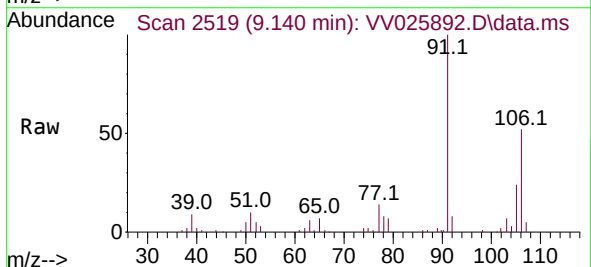
Acq: 13 May 2022 15:45

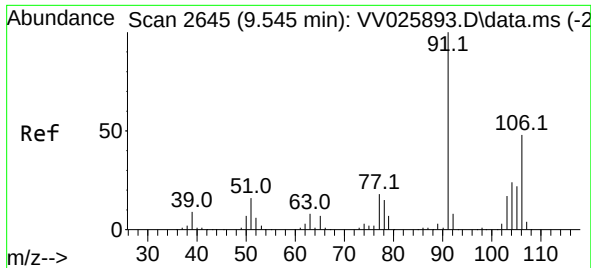
Tgt Ion: 106 Resp: 24436

Ion Ratio Lower Upper

106 100

91 193.5 135.3 251.3

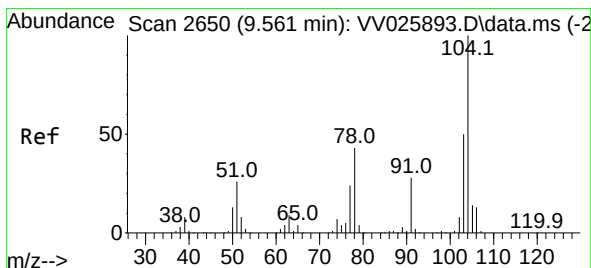
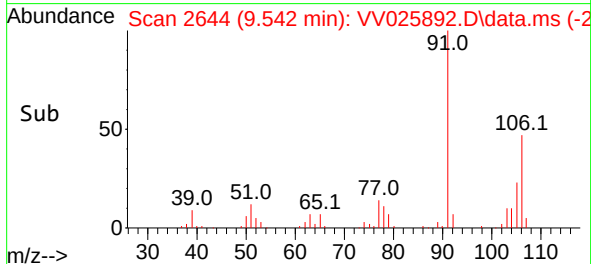
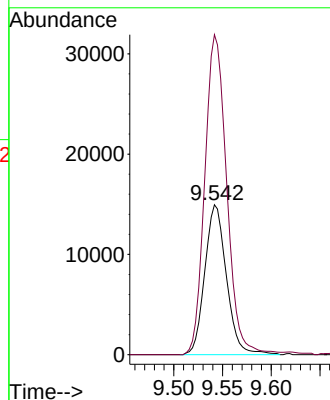
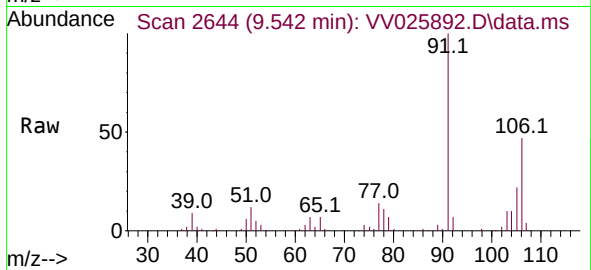




#54
o-Xylene
Concen: 0.853 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

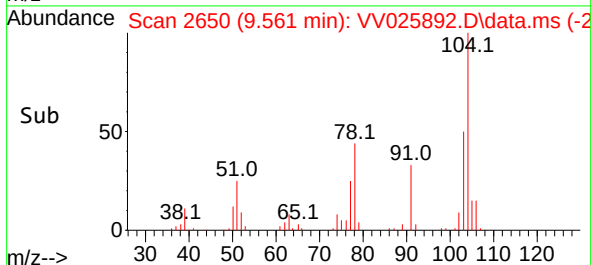
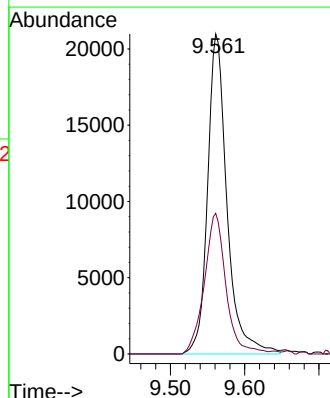
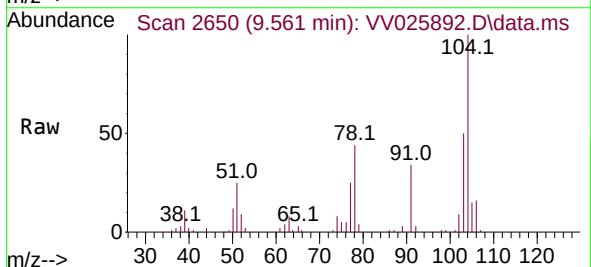
Instrument :
MSVOA_V
ClientSampleId :
VSTD001244

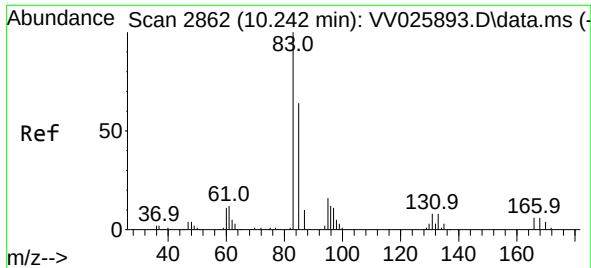
Tgt Ion:106 Resp: 23160
Ion Ratio Lower Upper
106 100
91 213.4 145.1 269.5



#55
Styrene
Concen: 0.848 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

Tgt Ion:104 Resp: 37993
Ion Ratio Lower Upper
104 100
78 44.0 30.0 55.8





#57

1,1,2,2-Tetrachloroethane

Concen: 0.988 ug/L

RT: 10.243 min Scan# 2862

Delta R.T. 0.000 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD001244

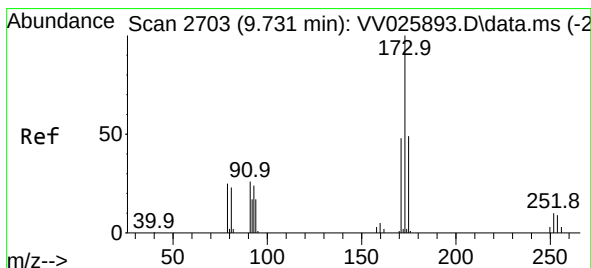
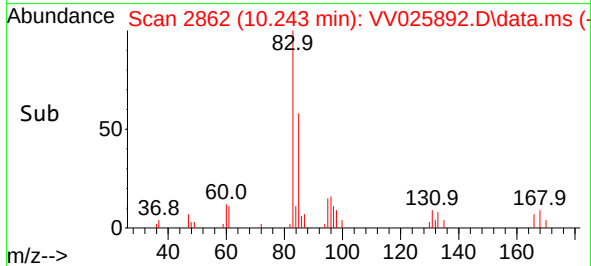
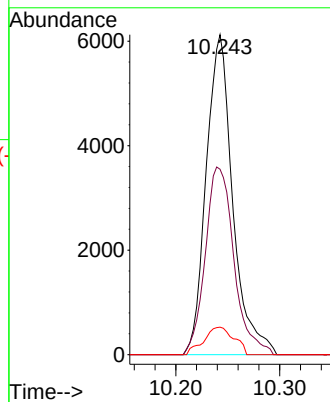
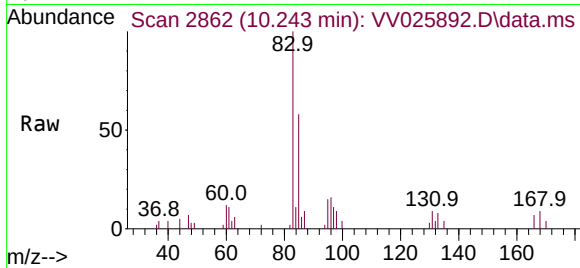
Tgt Ion: 83 Resp: 10862

Ion Ratio Lower Upper

83 100

85 58.0 44.5 82.7

131 8.6 6.7 10.1



#59

Bromoform

Concen: 1.065 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

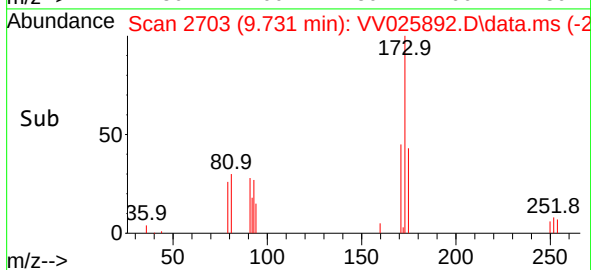
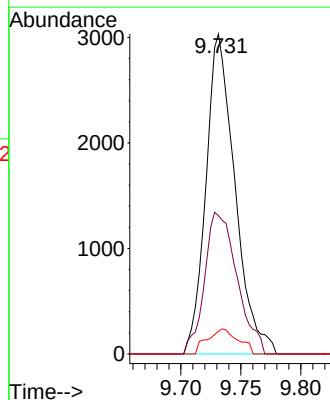
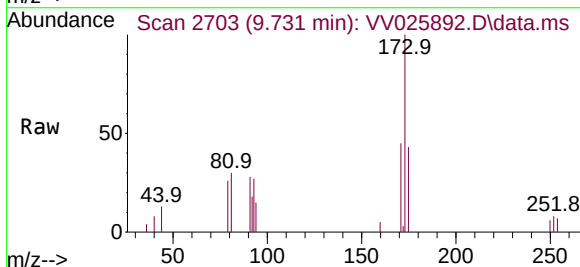
Tgt Ion: 173 Resp: 5106

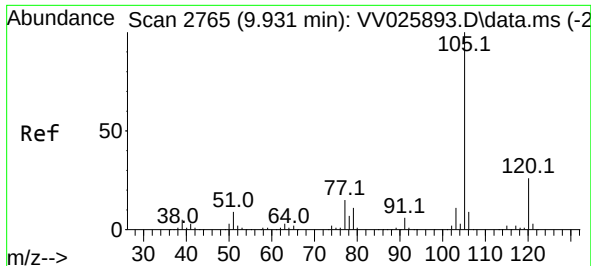
Ion Ratio Lower Upper

173 100

175 49.5 39.4 59.2

254 8.3 7.0 10.6

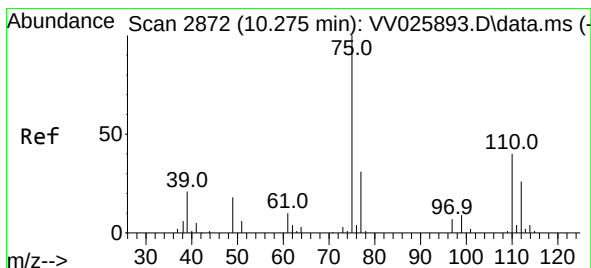
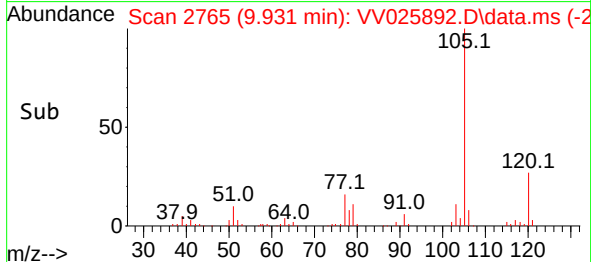
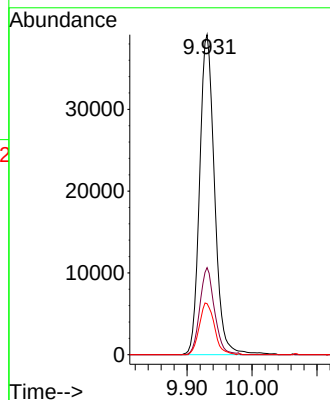
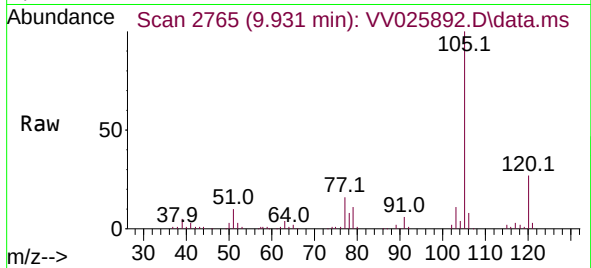




#60
Isopropylbenzene
Concen: 0.915 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

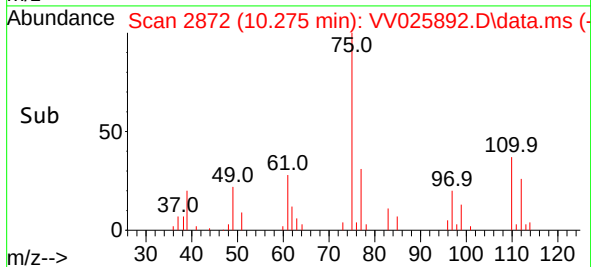
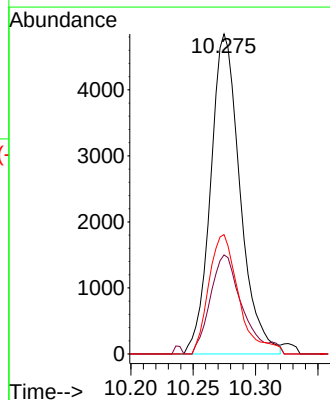
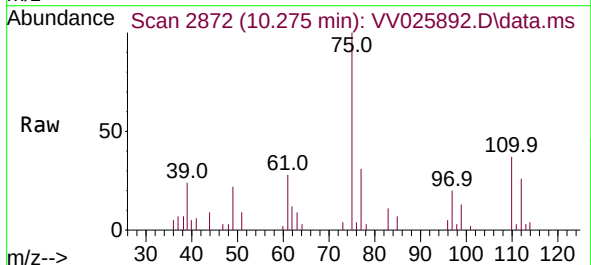
Instrument :
MSVOA_V
ClientSampleId :
VSTD001244

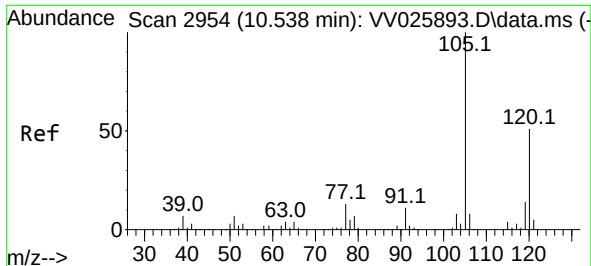
Tgt Ion:105 Resp: 62645
Ion Ratio Lower Upper
105 100
120 26.6 20.7 31.1
77 16.4 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 0.978 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

Tgt Ion: 75 Resp: 7982
Ion Ratio Lower Upper
75 100
77 33.8 26.2 39.2
110 38.1 32.4 48.6





#62

1,3,5-Trimethylbenzene

Concen: 0.884 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Instrument :

MSVOA_V

ClientSampleId :

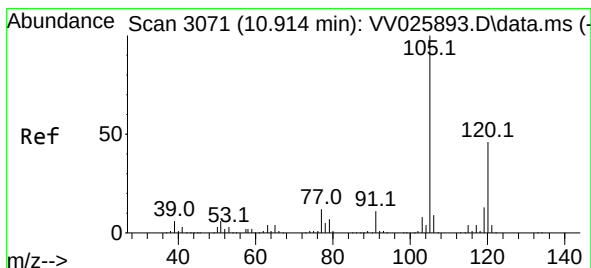
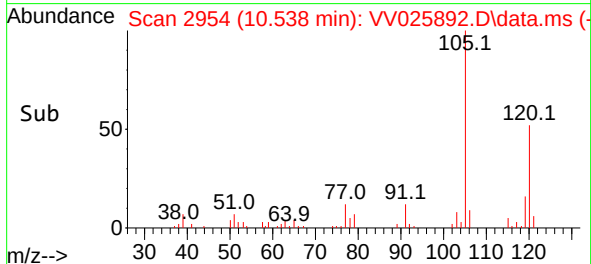
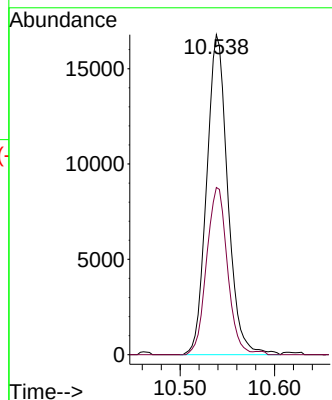
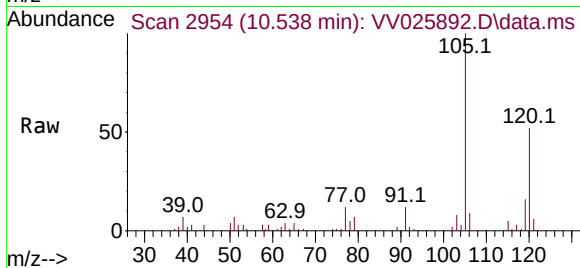
VSTD001244

Tgt Ion:105 Resp: 25955

Ion Ratio Lower Upper

105 100

120 51.6 40.4 60.6



#63

1,2,4-Trimethylbenzene

Concen: 0.849 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV025892.D

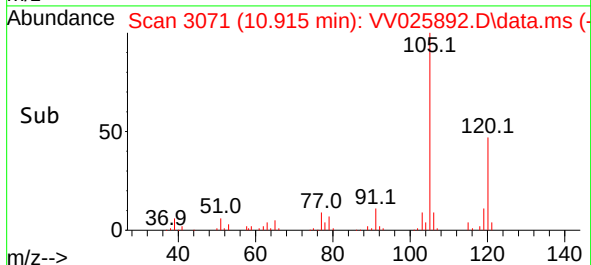
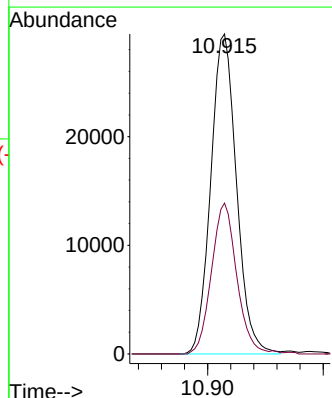
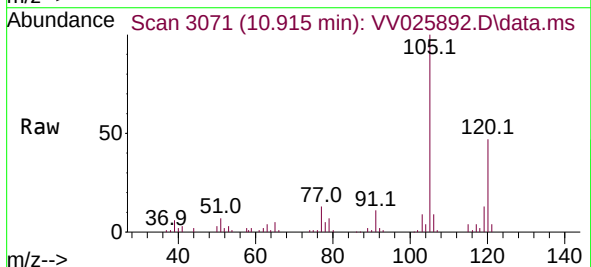
Acq: 13 May 2022 15:45

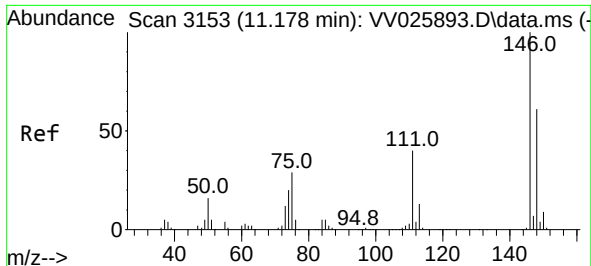
Tgt Ion:105 Resp: 45545

Ion Ratio Lower Upper

105 100

120 46.4 36.8 55.2

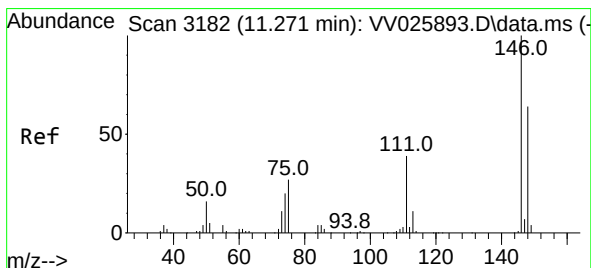
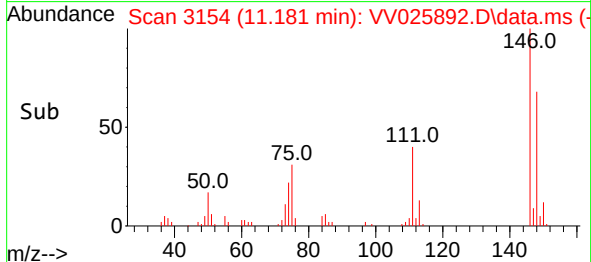
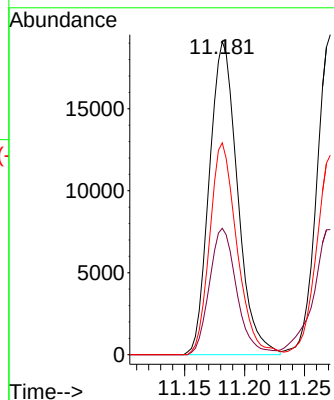
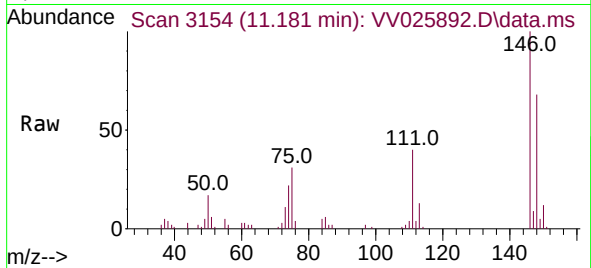




#64
 1,3-Dichlorobenzene
 Concen: 0.989 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.003 min
 Lab File: VV025892.D
 Acq: 13 May 2022 15:45

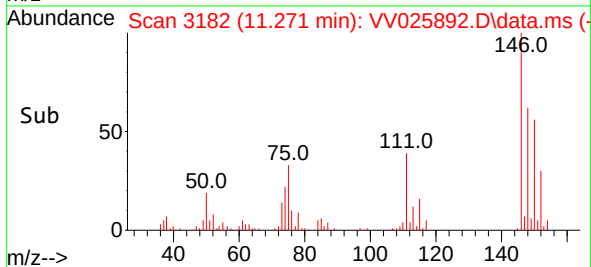
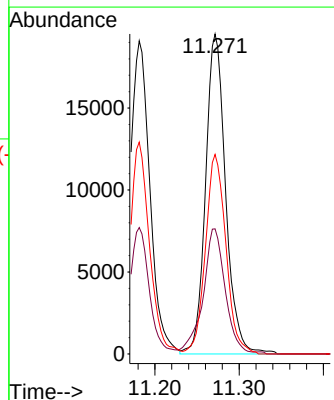
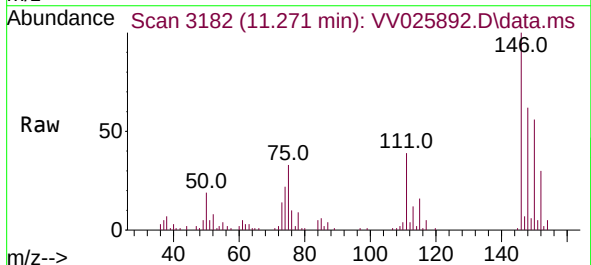
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001244

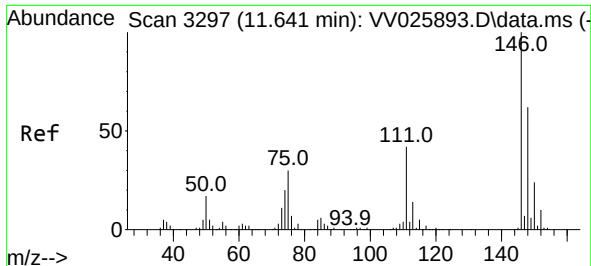
Tgt Ion:146 Resp: 31223
 Ion Ratio Lower Upper
 146 100
 111 40.4 28.2 52.4
 148 67.7 42.6 79.0



#65
 1,4-Dichlorobenzene
 Concen: 1.009 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV025892.D
 Acq: 13 May 2022 15:45

Tgt Ion:146 Resp: 32381
 Ion Ratio Lower Upper
 146 100
 111 39.1 27.5 51.1
 148 62.4 44.7 82.9

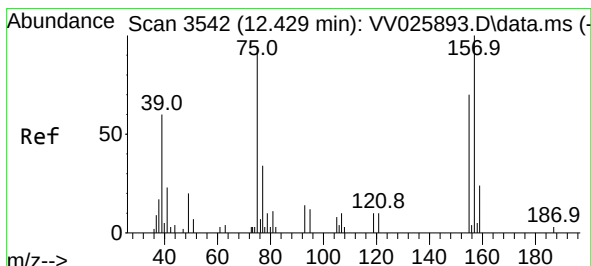
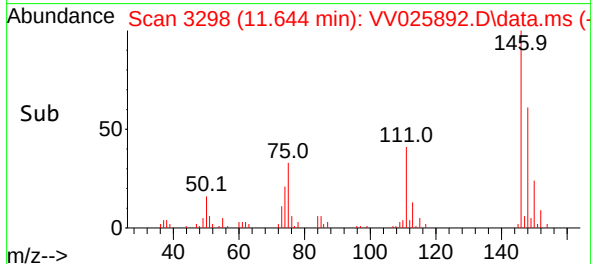
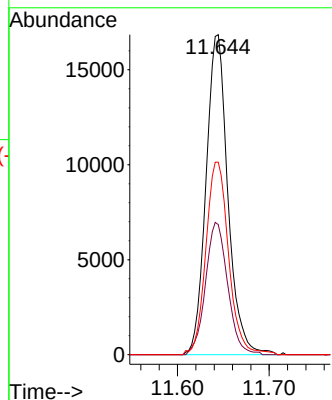
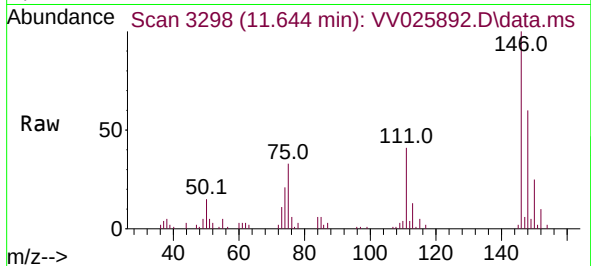




#67
1,2-Dichlorobenzene
Concen: 0.994 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

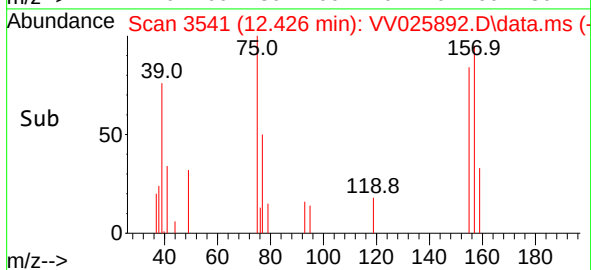
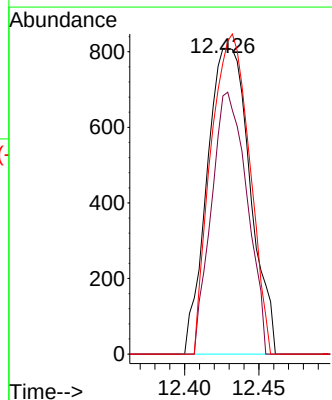
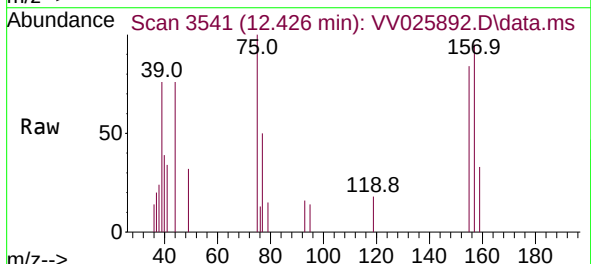
Instrument :
MSVOA_V
ClientSampleId :
VSTD001244

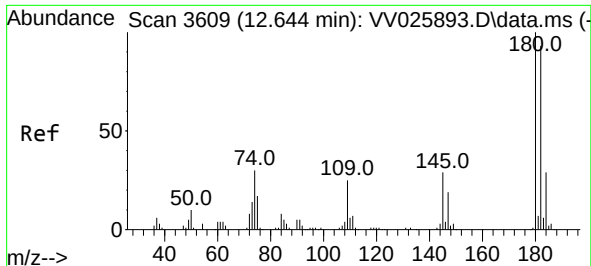
Tgt Ion:146 Resp: 27926
Ion Ratio Lower Upper
146 100
111 40.6 33.6 50.4
148 60.1 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 1.078 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

Tgt Ion: 75 Resp: 1633
Ion Ratio Lower Upper
75 100
155 84.4 59.6 89.4
157 95.3 85.3 127.9





#69

1,3,5-Trichlorobenzene

Concen: 0.979 ug/L

RT: 12.644 min Scan# 30

Delta R.T. 0.000 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD001244

Tgt Ion:180 Resp: 23283

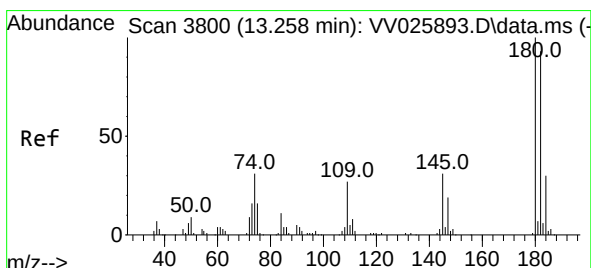
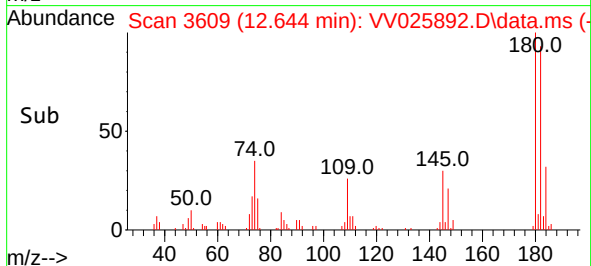
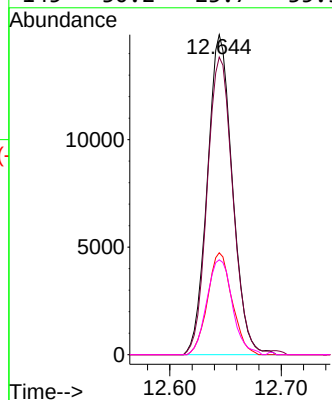
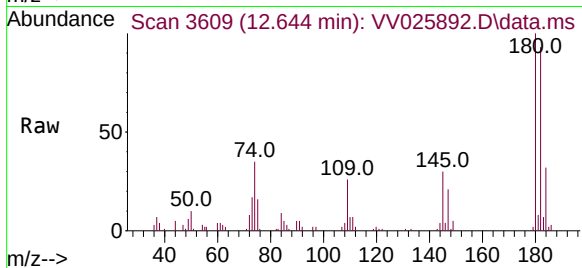
Ion Ratio Lower Upper

180 100

182 94.8 74.3 111.5

184 31.0 23.5 35.3

145 30.2 23.7 35.5



#70

1,2,4-trichlorobenzene

Concen: 0.950 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV025892.D

Acq: 13 May 2022 15:45

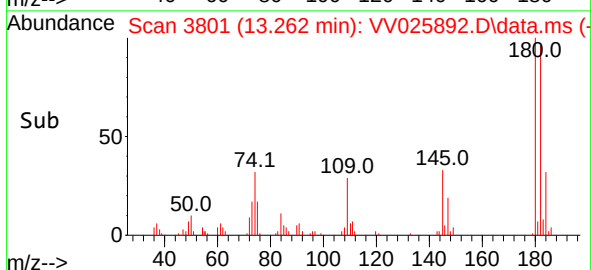
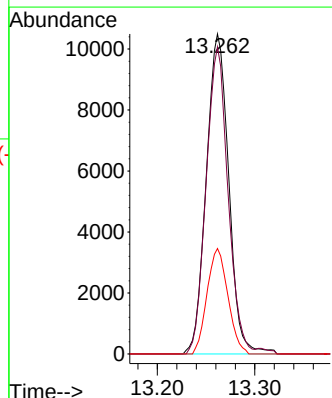
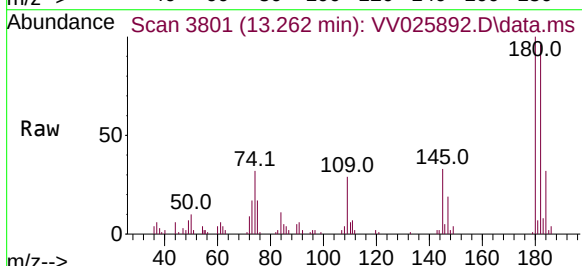
Tgt Ion:180 Resp: 16788

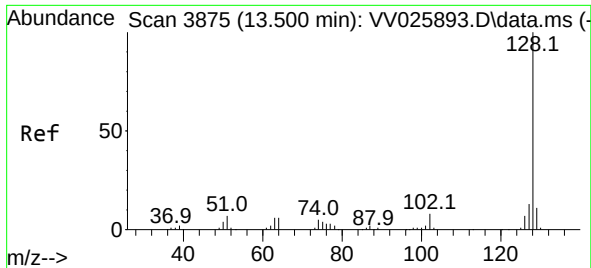
Ion Ratio Lower Upper

180 100

182 93.2 75.0 112.4

145 30.5 25.1 37.7

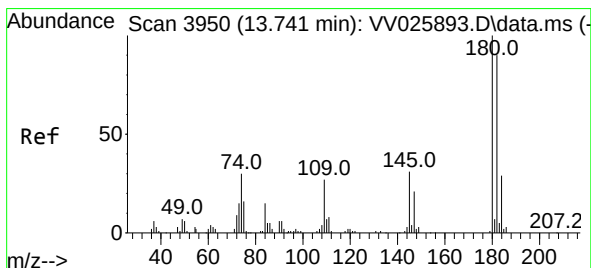
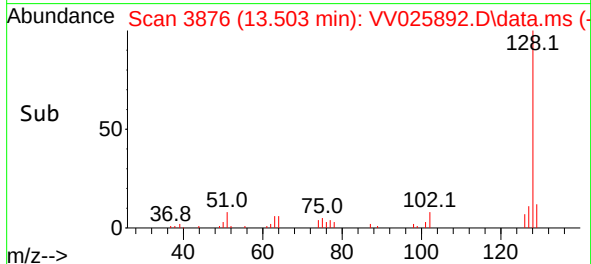
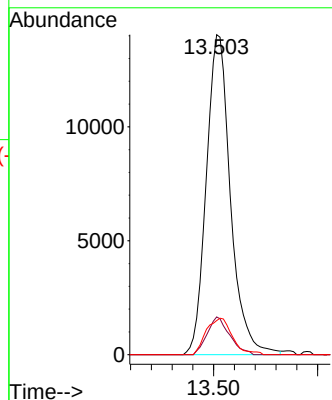
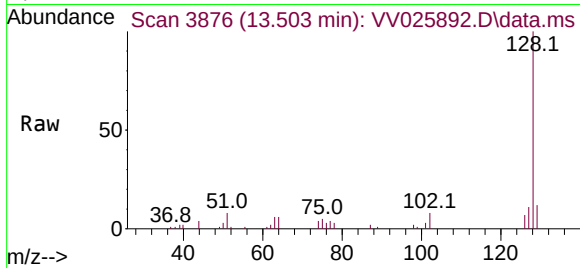




#71
Naphthalene
Concen: 0.900 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD001244

Tgt Ion:128	Resp:	22661
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.8 13.2
127	12.3	10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.994 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV025892.D
Acq: 13 May 2022 15:45

Tgt Ion:180	Resp:	14429
Ion Ratio	Lower	Upper
180	100	
182	90.0	73.5 110.3
145	30.8	25.9 38.9

