

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022822\
 Data File : VW024830.D
 Acq On : 28 Feb 2022 11:08
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010208

Quant Time: Mar 01 01:21:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 01 01:20:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	304425	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	296799	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	141492	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	30250	13.019	ug/L	0.00
7) Chloroethane-d5	1.571	69	24838	12.427	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	51567	11.520	ug/L	0.00
21) 2-Butanone-d5	3.908	46	33856	22.730	ug/L	0.02
24) Chloroform-d	4.352	84	52827	12.515	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	31685	11.956	ug/L	0.00
32) Benzene-d6	5.050	84	107651	12.109	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	33747	12.006	ug/L	0.00
41) Toluene-d8	7.317	98	94301	11.567	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	13139	9.202	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	22838	19.681	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40465	12.055	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	31941	11.495	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	28678	12.053	ug/L	98
3) Chloromethane	1.243	50	31188	13.066	ug/L	98
5) Vinyl chloride	1.314	62	30948	12.218	ug/L	98
6) Bromomethane	1.526	94	18956	12.251	ug/L	94
8) Chloroethane	1.587	64	19261	11.435	ug/L	100
9) Trichlorofluoromethane	1.754	101	40467	11.222	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	23578	11.990	ug/L	98
12) 1,1-Dichloroethene	2.121	96	23745	12.516	ug/L	94
13) Acetone	2.188	43	25403	17.744	ug/L	99
14) Carbon disulfide	2.297	76	68106	12.601	ug/L	98
15) Methyl Acetate	2.439	43	24128	11.706	ug/L	100
16) Methylene chloride	2.510	84	26960	12.673	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	24527	12.449	ug/L	100
18) Methyl tert-butyl Ether	2.770	73	75547	11.348	ug/L	98
19) 1,1-Dichloroethane	3.191	63	45356	12.046	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	26672	12.156	ug/L	95
22) 2-Butanone	3.989	43	24781	14.969	ug/L	95
23) Bromochloromethane	4.252	128	13658	12.803	ug/L	97
25) Chloroform	4.378	83	47010	12.065	ug/L	99
27) 1,2-Dichloroethane	5.133	62	33324	11.143	ug/L	100
29) Cyclohexane	4.677	56	38421	10.758	ug/L #	92
30) 1,1,1-Trichloroethane	4.609	97	39886	11.007	ug/L	99
31) Carbon tetrachloride	4.831	117	34020	11.318	ug/L	99
33) Benzene	5.101	78	103921	11.793	ug/L	100
34) Trichloroethene	5.918	95	28252	11.491	ug/L	98
35) Methylcyclohexane	6.133	83	40411	10.824	ug/L	98
37) 1,2-Dichloropropane	6.175	63	25674	11.163	ug/L	100
38) Bromodichloromethane	6.513	83	33890	10.690	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	34708	9.360	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	60940	19.733	ug/L	98
42) Toluene	7.387	91	106948	11.412	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	32388	9.076	ug/L	96

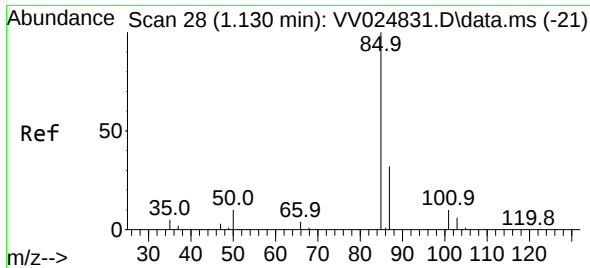
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022822\
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 Quant Title : VOC Analysis
 QLast Update : Tue Mar 01 01:20:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	25366	11.514	ug/L	96
46) Tetrachloroethene	7.976	164	18271	12.336	ug/L	93
48) 2-Hexanone	8.143	43	46681	18.126	ug/L	99
49) Dibromochloromethane	8.246	129	22610	9.870	ug/L	98
50) 1,2-Dibromoethane	8.352	107	25367	11.106	ug/L	98
51) Chlorobenzene	8.879	112	67628	11.540	ug/L	98
52) Ethylbenzene	9.011	91	109496	10.617	ug/L	99
53) m,p-Xylene	9.140	106	42083	10.854	ug/L	99
54) o-Xylene	9.542	106	41038	10.654	ug/L	93
55) Styrene	9.561	104	66482	10.158	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	35350	11.315	ug/L	99
59) Bromoform	9.731	173	11928	8.851	ug/L	96
60) Isopropylbenzene	9.931	105	105638	10.347	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	31397	11.223	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	69109	8.272	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	84795	9.702	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	46491	11.038	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	47815	11.165	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	47861	11.337	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6328	8.763	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	29493	10.503	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	25505	10.248	ug/L	97
71) Naphthalene	13.500	128	80333	8.961	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	26105	10.699	ug/L	96

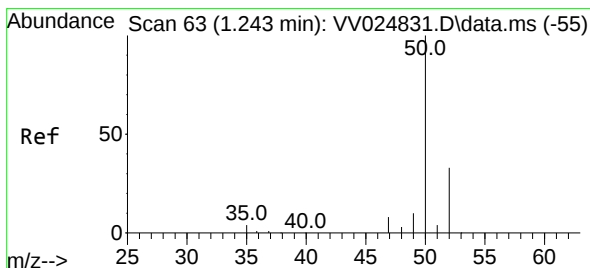
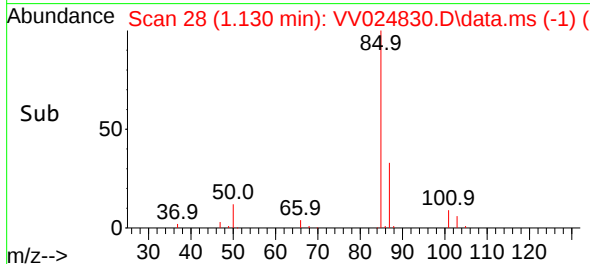
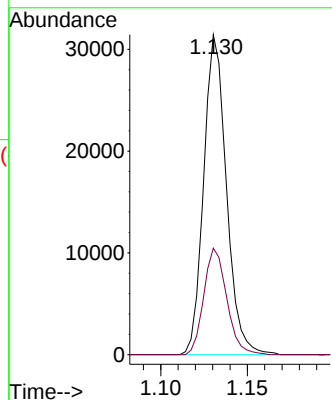
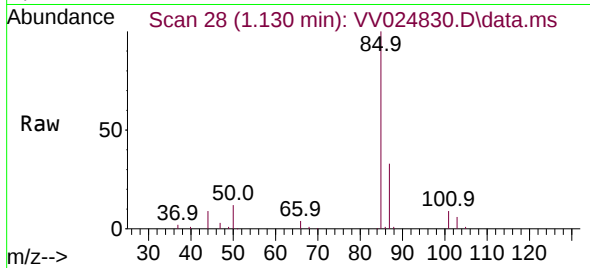
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 12.053 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024830.D
 Acq: 28 Feb 2022 11:08

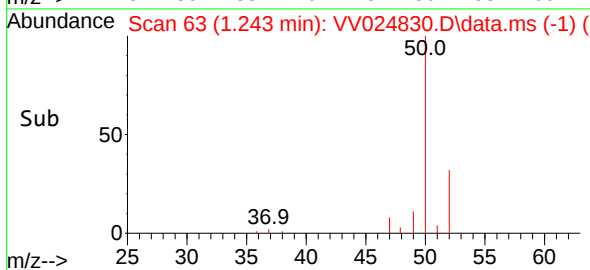
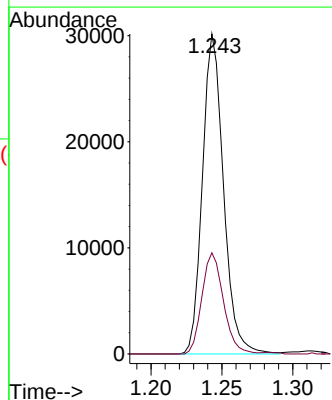
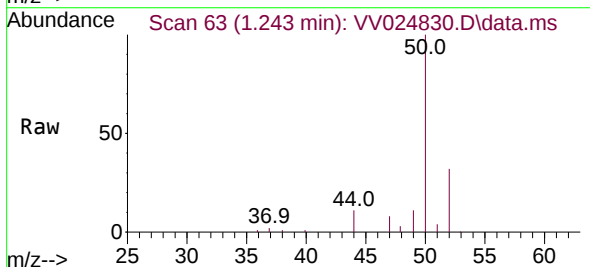
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010208

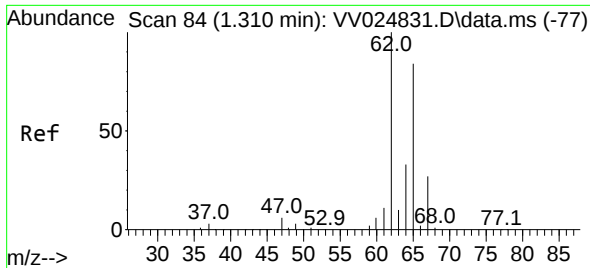
Tgt Ion: 85 Resp: 28678
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.8 38.8



#3
 Chloromethane
 Concen: 13.066 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024830.D
 Acq: 28 Feb 2022 11:08

Tgt Ion: 50 Resp: 31188
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.8 42.4

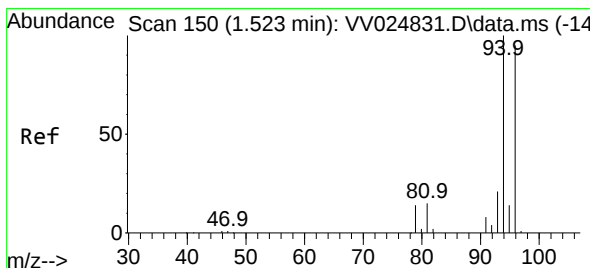
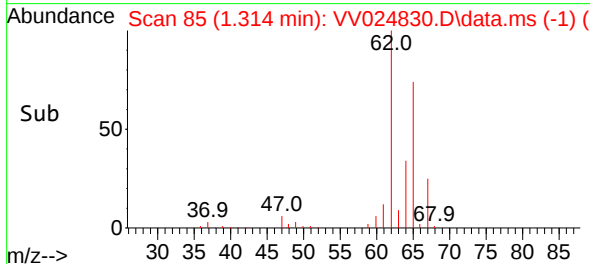
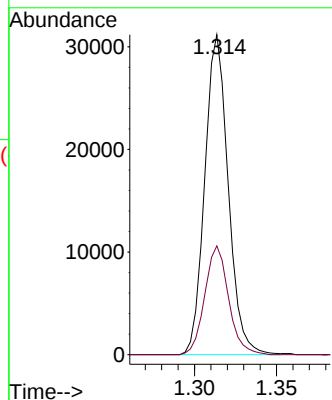
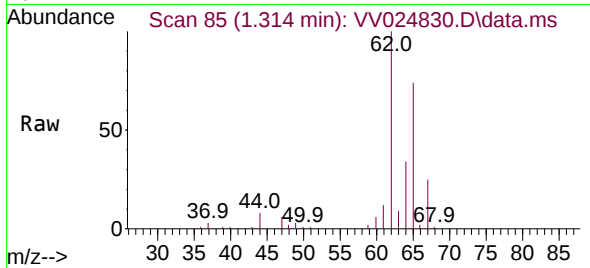




#5
 Vinyl chloride
 Concen: 12.218 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV024830.D
 Acq: 28 Feb 2022 11:08

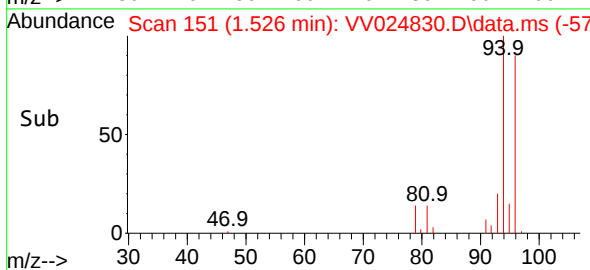
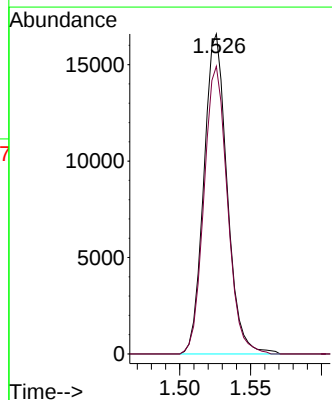
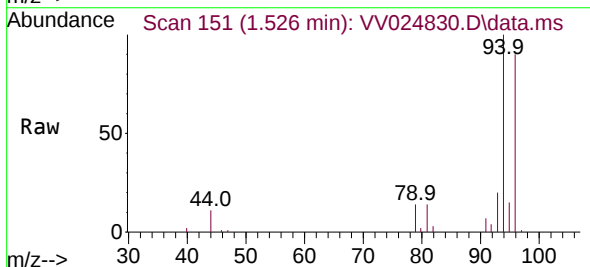
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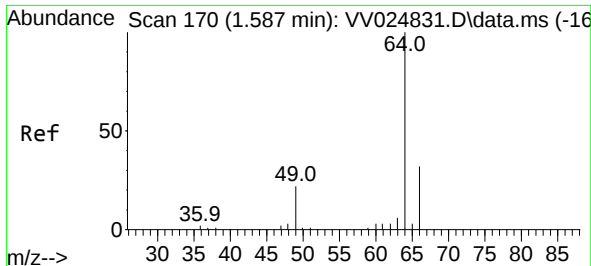
Tgt Ion: 62 Resp: 30948
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.2 43.0



#6
 Bromomethane
 Concen: 12.251 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024830.D
 Acq: 28 Feb 2022 11:08

Tgt Ion: 94 Resp: 18956
 Ion Ratio Lower Upper
 94 100
 96 89.9 66.7 123.9

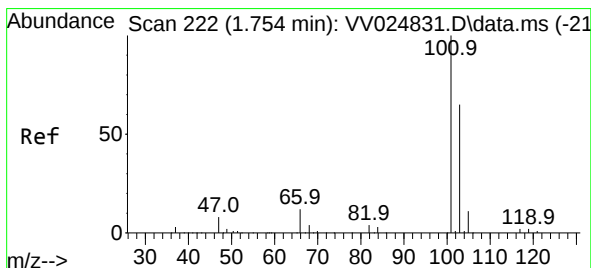
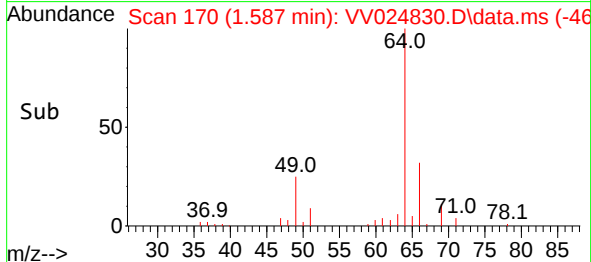
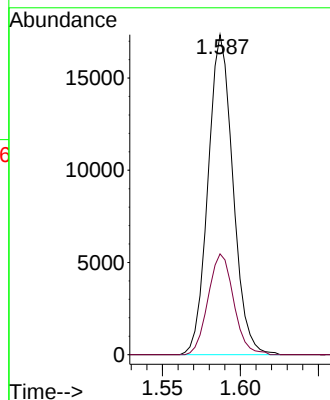
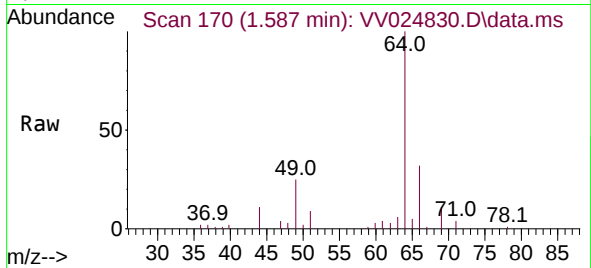




#8
Chloroethane
Concen: 11.435 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

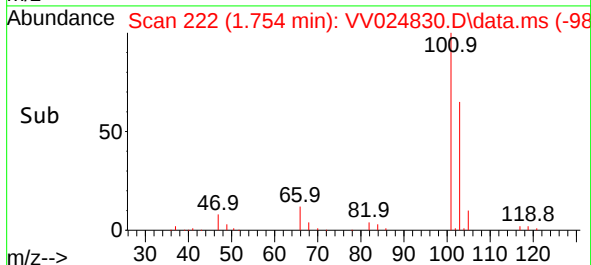
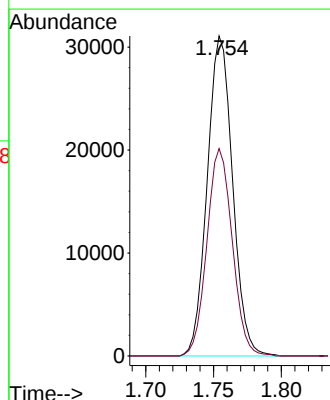
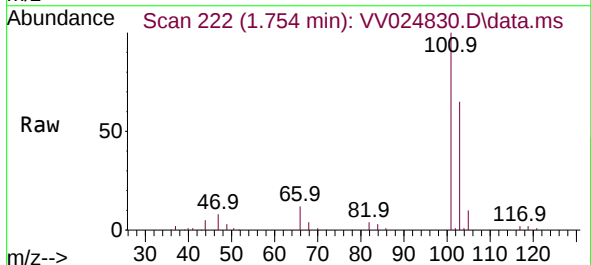
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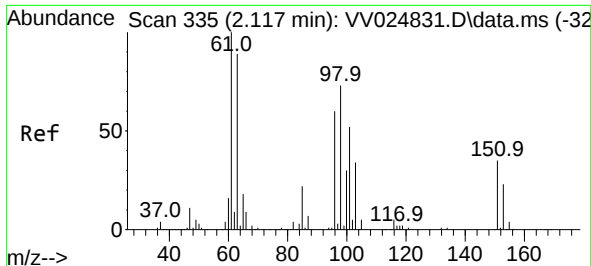
Tgt Ion: 64 Resp: 19261
Ion Ratio Lower Upper
64 100
66 31.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 11.222 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

Tgt Ion:101 Resp: 40467
Ion Ratio Lower Upper
101 100
103 64.7 52.1 78.1

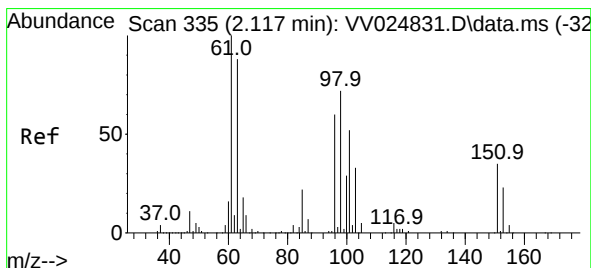
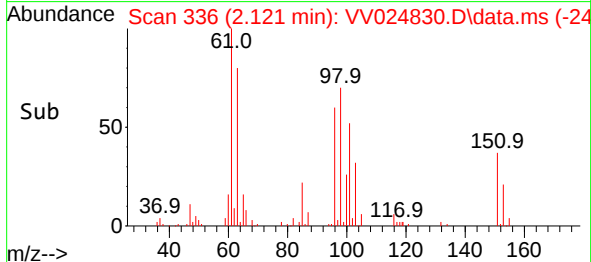
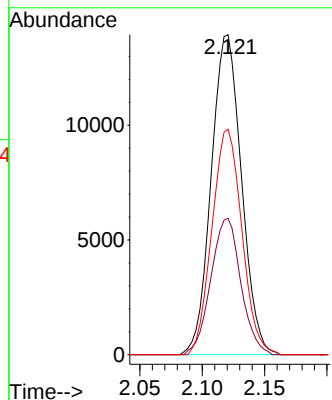
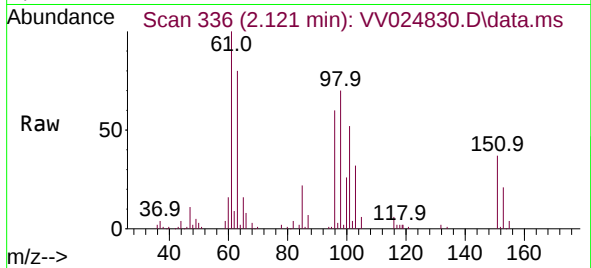




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.990 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024830.D
 Acq: 28 Feb 2022 11:08

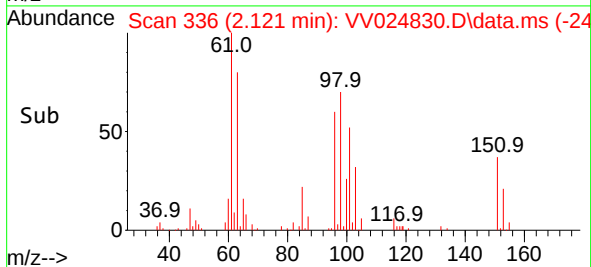
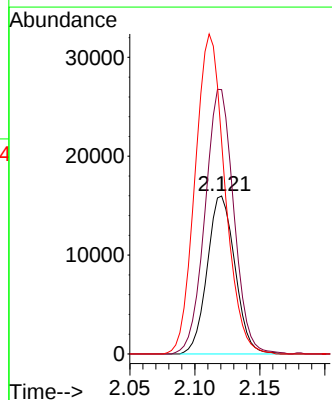
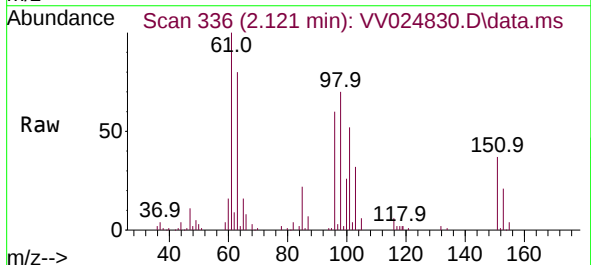
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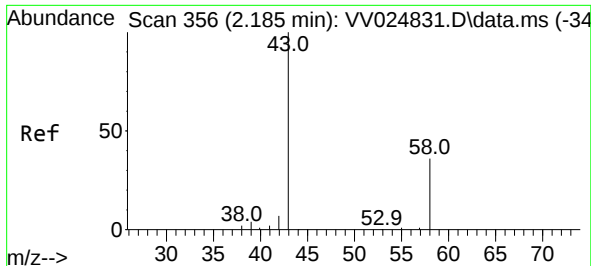
Tgt Ion:101 Resp: 23578
 Ion Ratio Lower Upper
 101 100
 85 42.3 33.8 50.8
 151 69.7 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 12.516 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024830.D
 Acq: 28 Feb 2022 11:08

Tgt Ion: 96 Resp: 23745
 Ion Ratio Lower Upper
 96 100
 61 167.5 117.6 218.4
 63 134.3 105.3 195.5





#13

Acetone

Concen: 17.744 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

Instrument :

MSVOA_V

ClientSampleId :

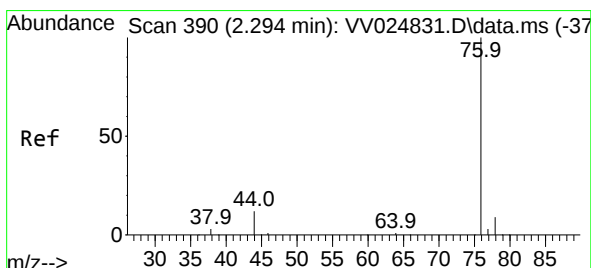
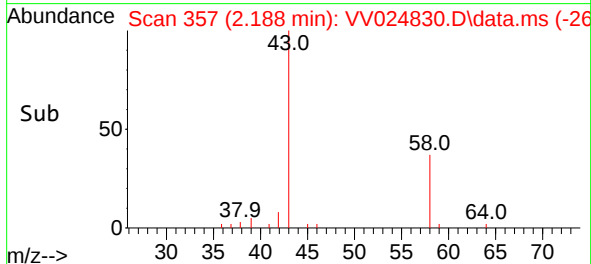
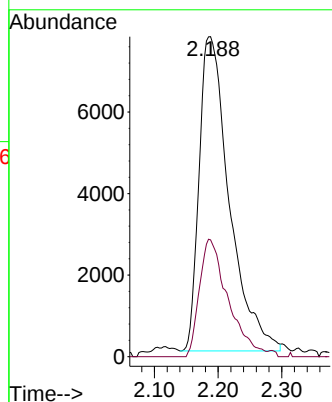
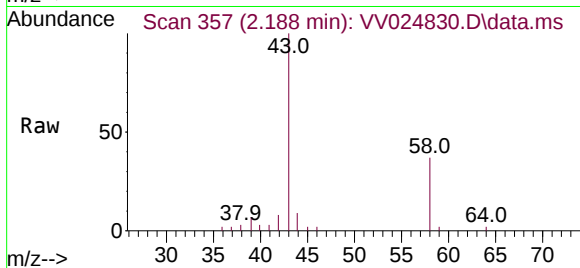
VSTD010208

Tgt Ion: 43 Resp: 25403

Ion Ratio Lower Upper

43 100

58 35.4 0.0 70.0



#14

Carbon disulfide

Concen: 12.601 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024830.D

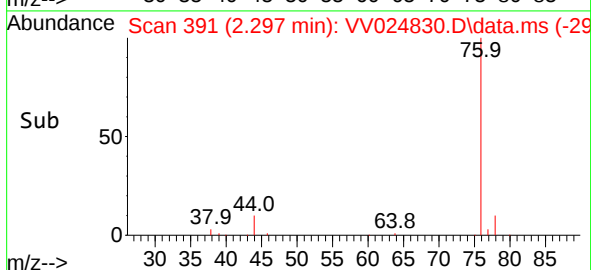
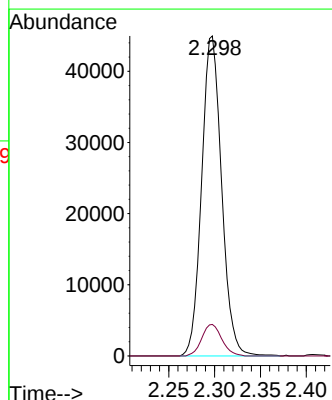
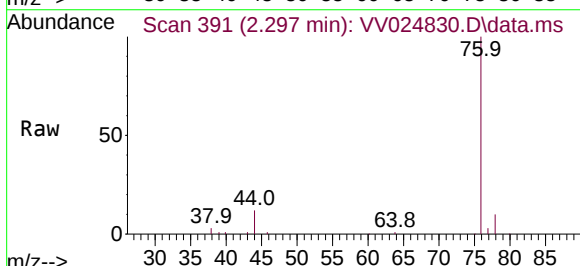
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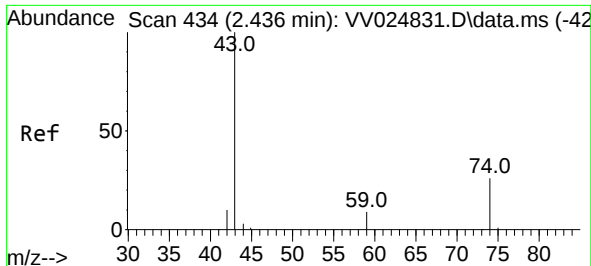
Tgt Ion: 76 Resp: 68106

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0





#15

Methyl Acetate

Concen: 11.706 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

Instrument :

MSVOA_V

ClientSampleId :

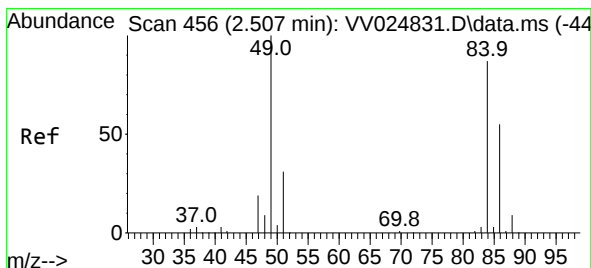
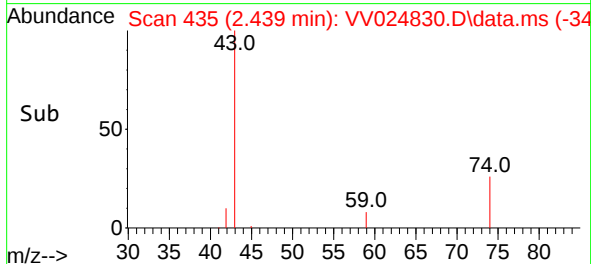
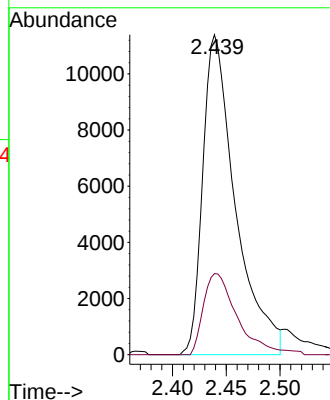
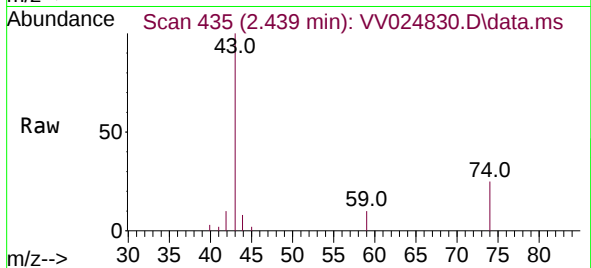
VSTD010208

Tgt Ion: 43 Resp: 24128

Ion Ratio Lower Upper

43 100

74 26.3 21.0 31.4



#16

Methylene chloride

Concen: 12.673 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

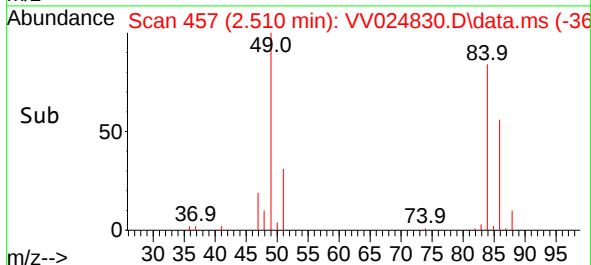
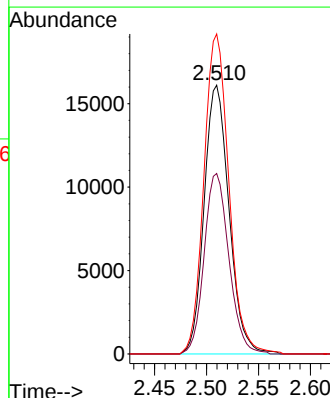
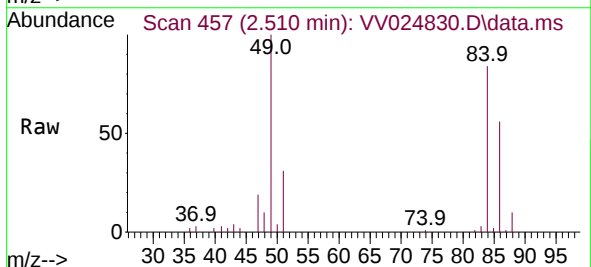
Tgt Ion: 84 Resp: 26960

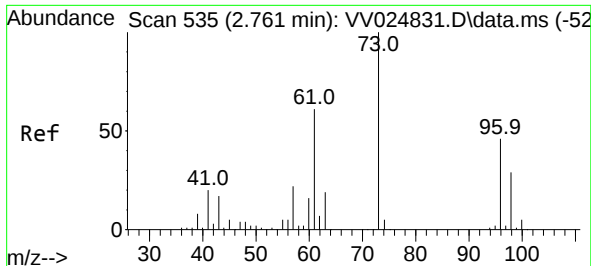
Ion Ratio Lower Upper

84 100

86 67.2 44.3 82.3

49 119.1 80.7 149.9

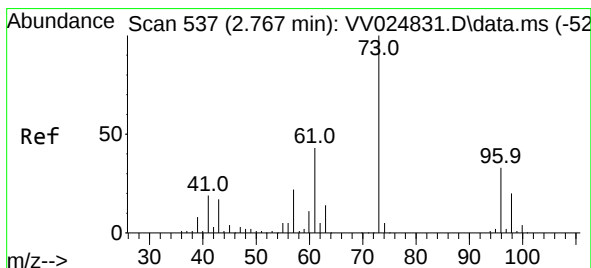
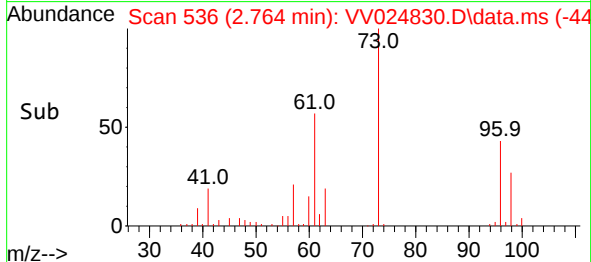
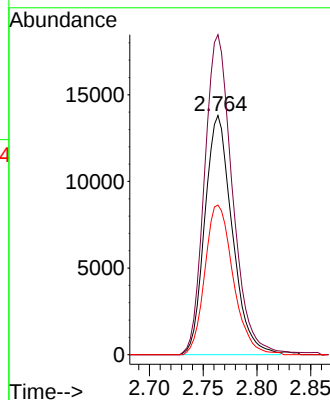
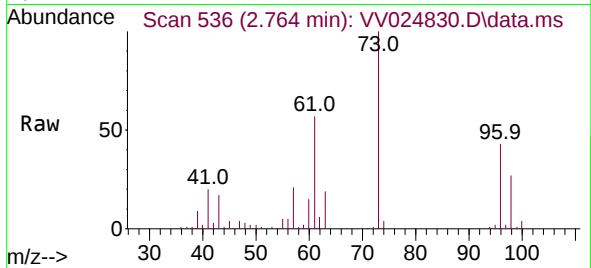




#17
trans-1,2-Dichloroethene
Concen: 12.449 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

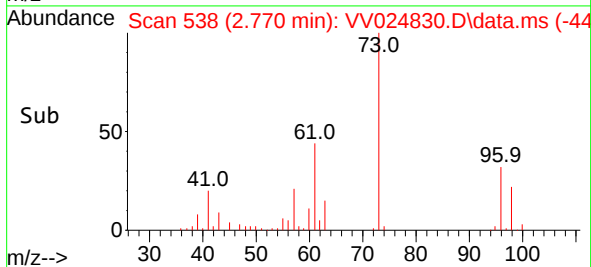
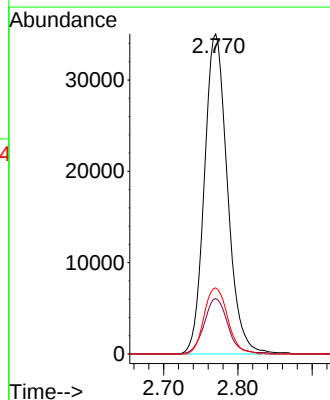
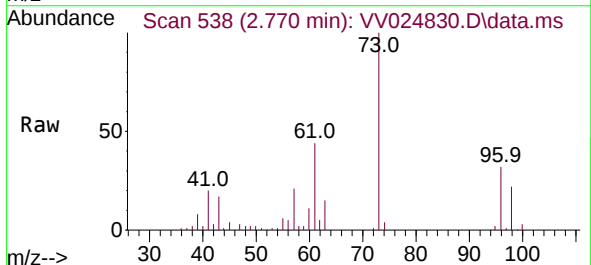
Instrument :
MSVOA_V
ClientSampleId :
VSTD010208

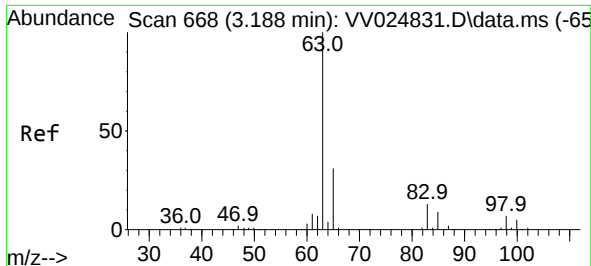
Tgt Ion: 96 Resp: 24527
Ion Ratio Lower Upper
96 100
61 133.8 93.7 173.9
98 62.6 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 11.348 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

Tgt Ion: 73 Resp: 75547
Ion Ratio Lower Upper
73 100
43 17.8 13.6 20.4
57 21.2 17.4 26.2





#19

1,1-Dichloroethane

Concen: 12.046 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD010208

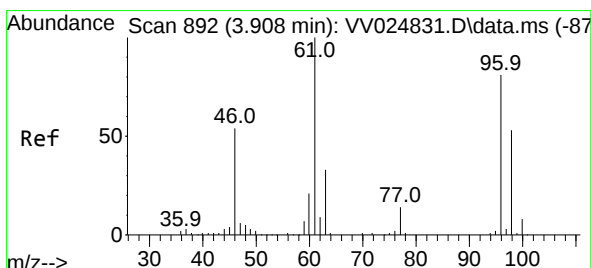
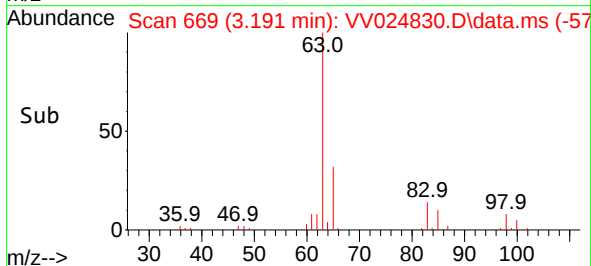
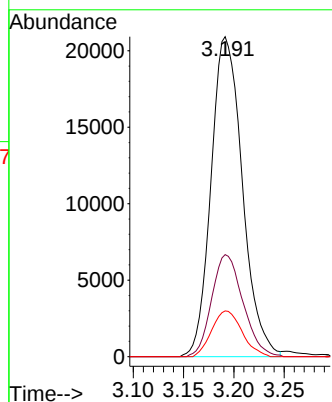
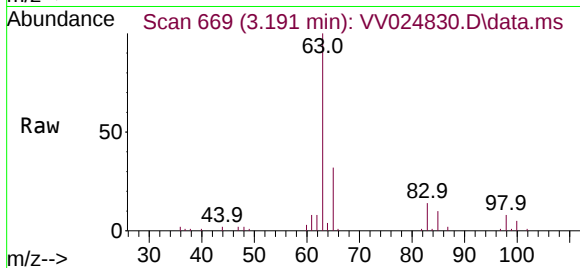
Tgt Ion: 63 Resp: 45356

Ion Ratio Lower Upper

63 100

65 31.9 22.0 40.8

83 14.3 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 12.156 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

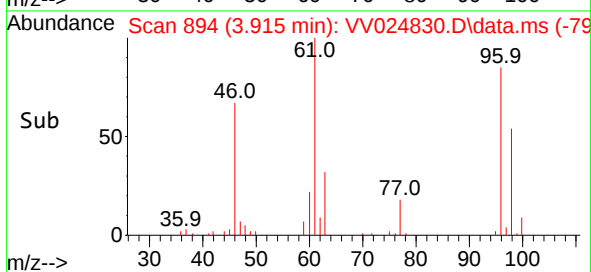
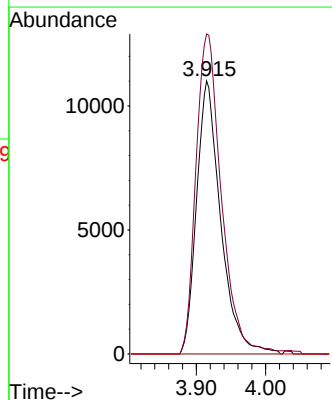
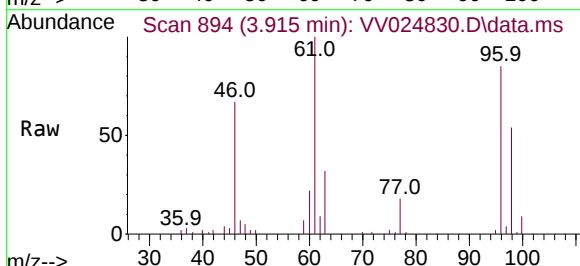
Tgt Ion: 96 Resp: 26672

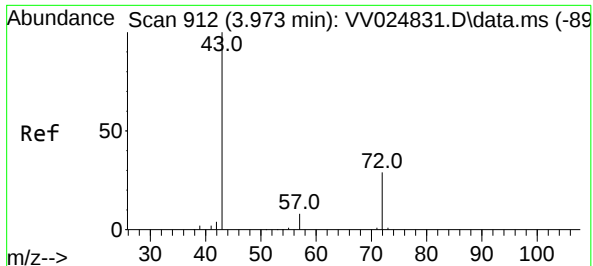
Ion Ratio Lower Upper

96 100

61 117.2 86.1 159.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 14.969 ug/L

RT: 3.989 min Scan# 912

Delta R.T. 0.016 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

Instrument :

MSVOA_V

ClientSampleId :

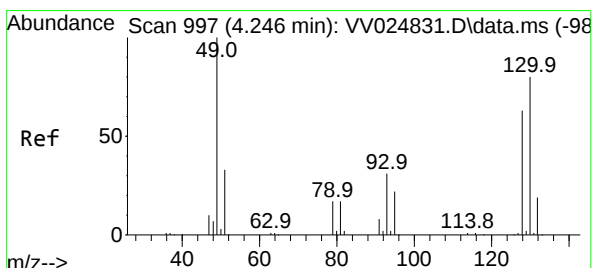
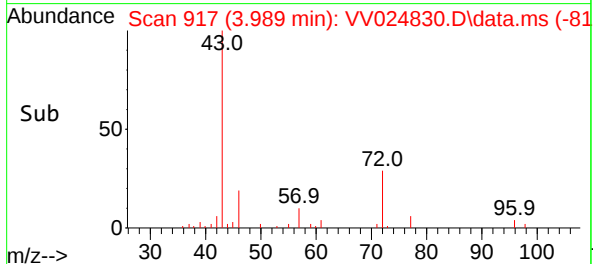
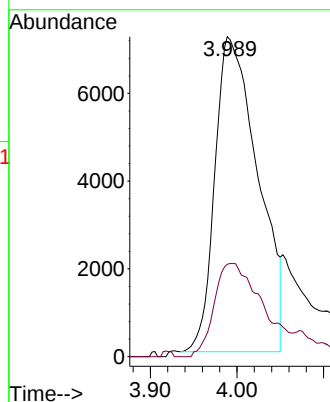
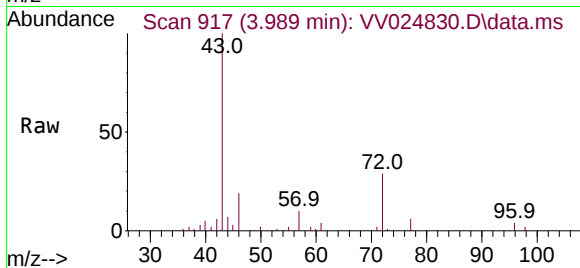
VSTD010208

Tgt Ion: 43 Resp: 24781

Ion Ratio Lower Upper

43 100

72 30.1 13.9 41.6



#23

Bromochloromethane

Concen: 12.803 ug/L

RT: 4.252 min Scan# 999

Delta R.T. 0.006 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

Tgt Ion: 128 Resp: 13658

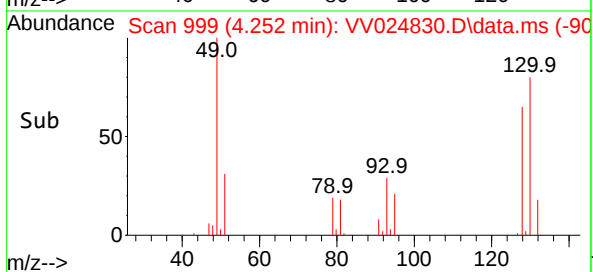
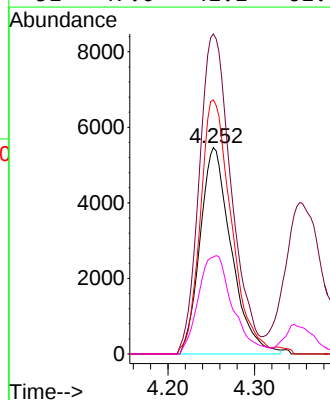
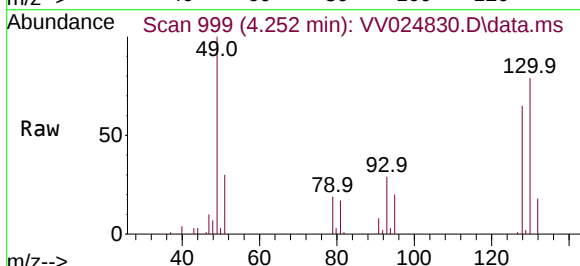
Ion Ratio Lower Upper

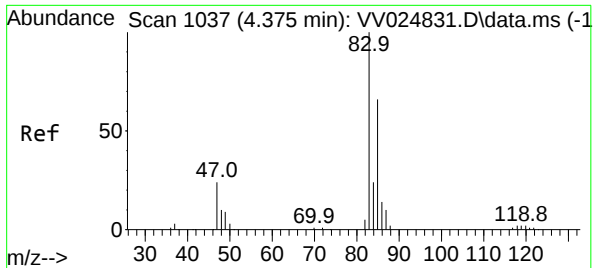
128 100

49 155.0 110.9 205.9

130 123.1 88.5 164.3

51 47.0 41.1 61.7

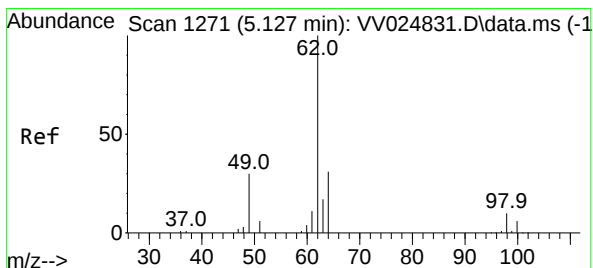
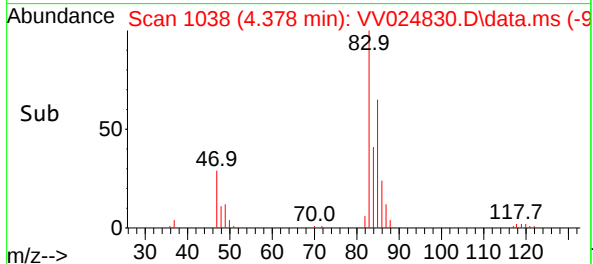
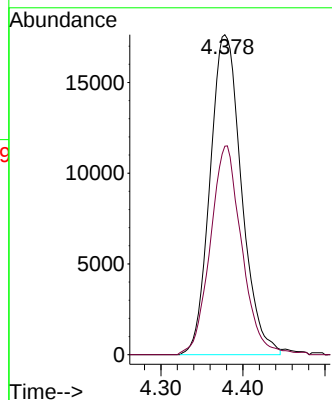
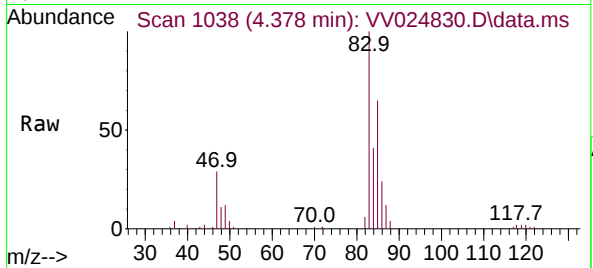




#25
Chloroform
Concen: 12.065 ug/L
RT: 4.378 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

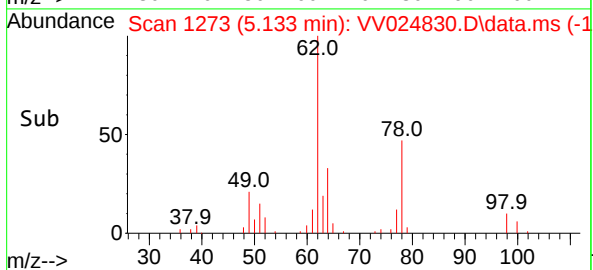
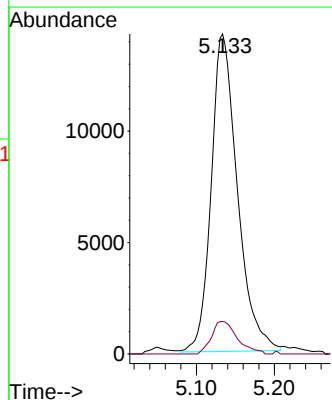
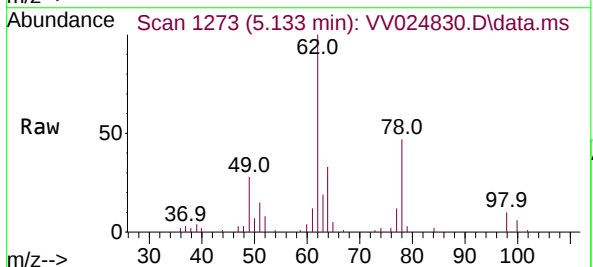
Instrument :
MSVOA_V
ClientSampleId :
VSTD010208

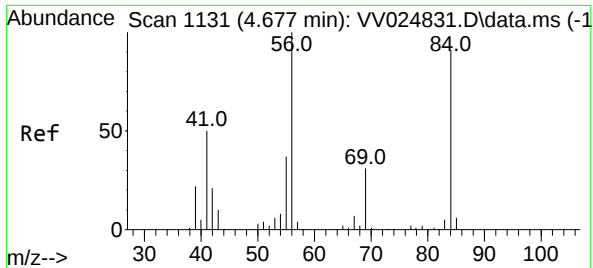
Tgt Ion: 83 Resp: 47010
Ion Ratio Lower Upper
83 100
85 65.2 46.0 85.4



#27
1,2-Dichloroethane
Concen: 11.143 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

Tgt Ion: 62 Resp: 33324
Ion Ratio Lower Upper
62 100
98 10.2 8.2 12.4





#29

Cyclohexane

Concen: 10.758 ug/L

RT: 4.677 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD010208

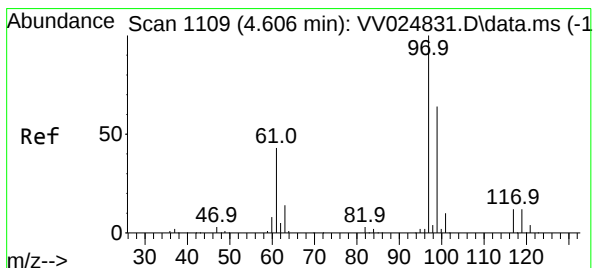
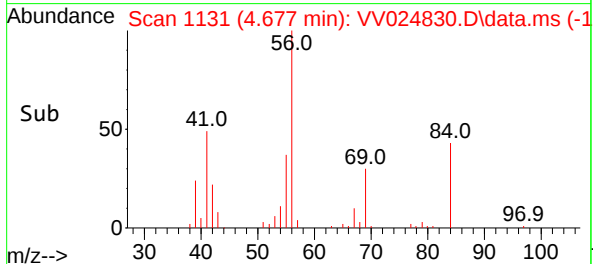
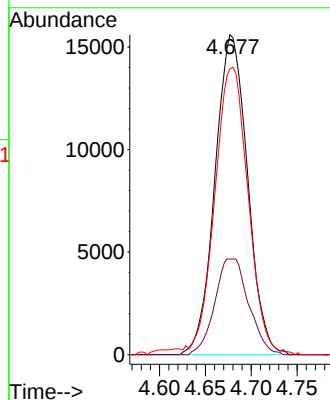
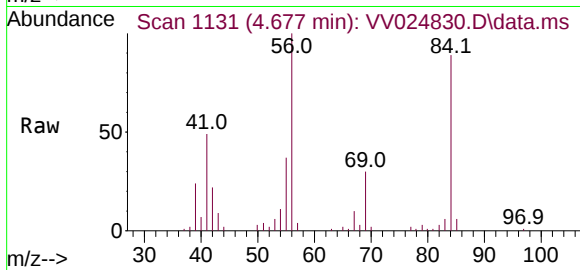
Tgt Ion: 56 Resp: 38421

Ion Ratio Lower Upper

56 100

69 15.2 25.0 37.6#

84 91.9 73.4 110.2



#30

1,1,1-Trichloroethane

Concen: 11.007 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

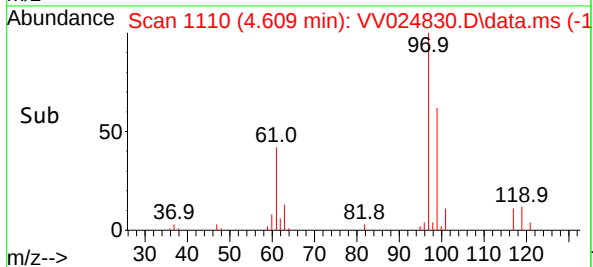
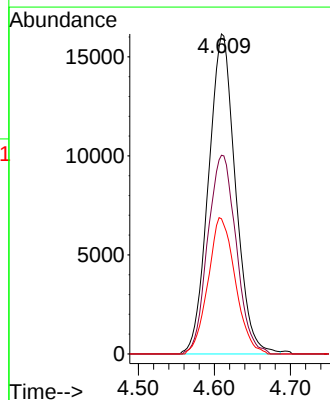
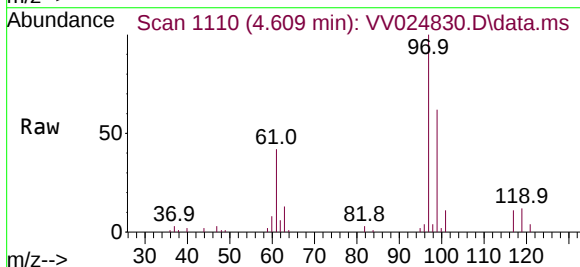
Tgt Ion: 97 Resp: 39886

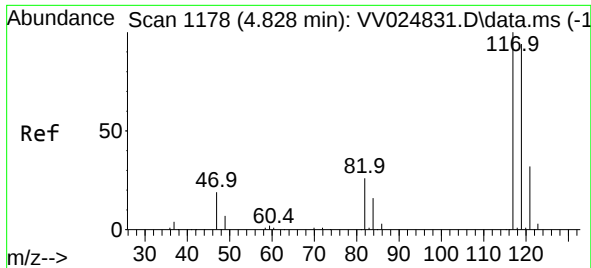
Ion Ratio Lower Upper

97 100

99 65.2 51.5 77.3

61 42.9 33.8 50.8

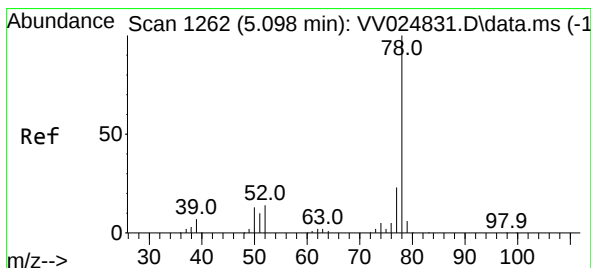
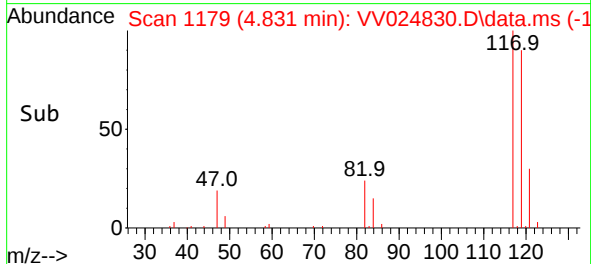
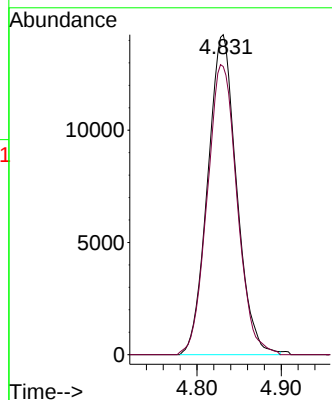
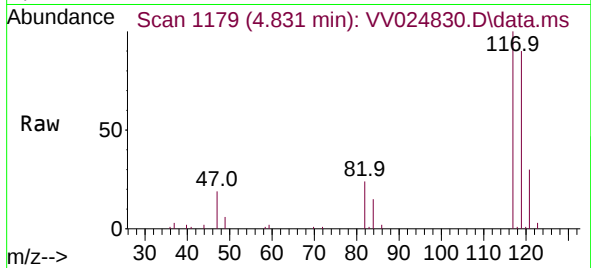




#31
Carbon tetrachloride
Concen: 11.318 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

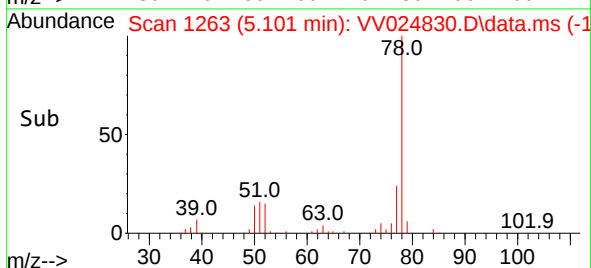
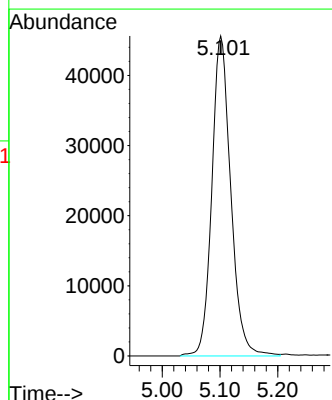
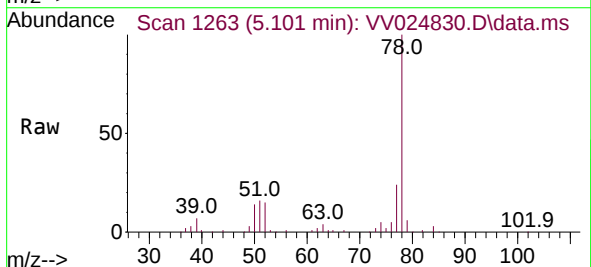
Instrument :
MSVOA_V
ClientSampleId :
VSTD010208

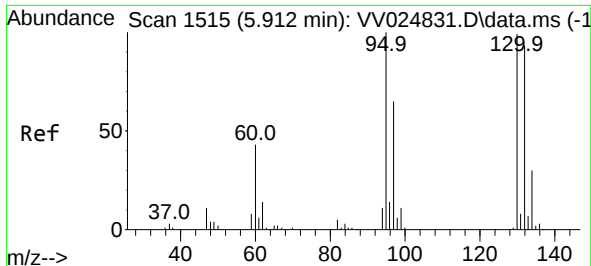
Tgt Ion:117 Resp: 34020
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.8



#33
Benzene
Concen: 11.793 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

Tgt Ion: 78 Resp: 103921

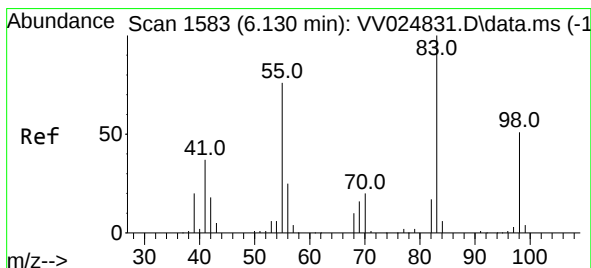
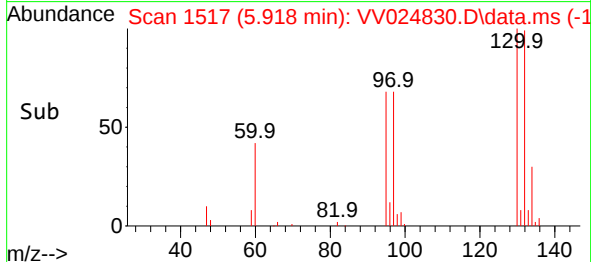
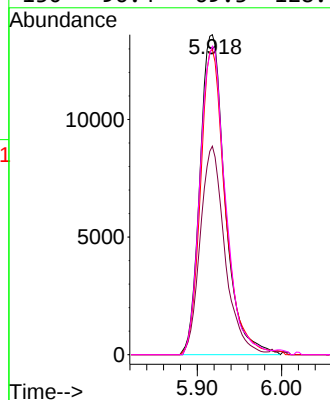
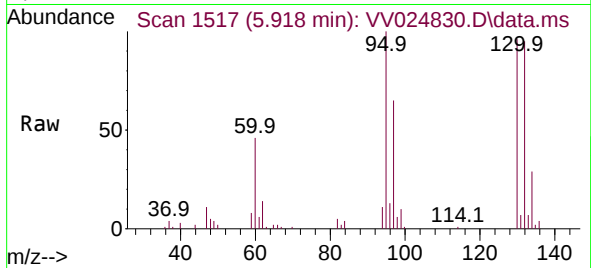




#34
Trichloroethene
Concen: 11.491 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

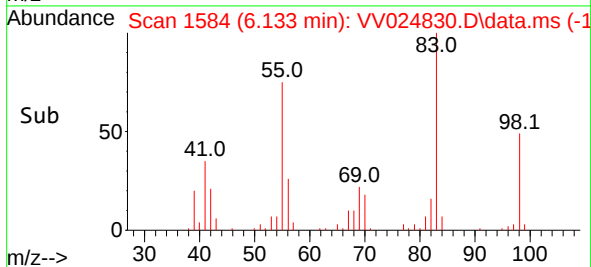
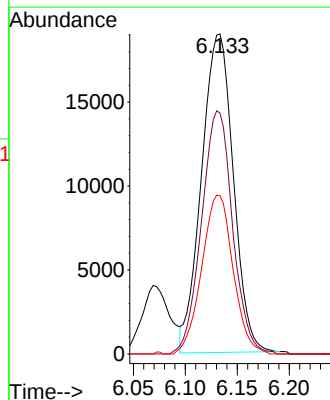
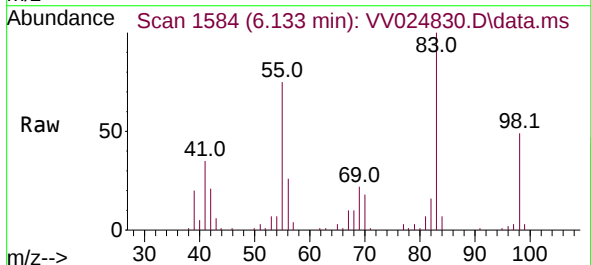
Instrument :
MSVOA_V
ClientSampleId :
VSTD010208

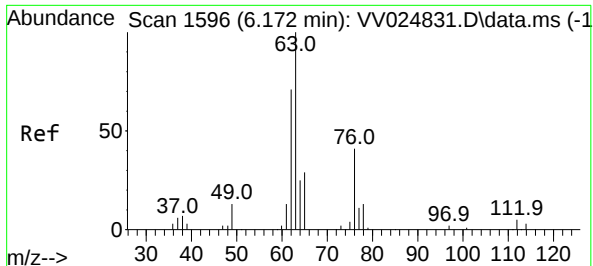
Tgt Ion: 95 Resp: 28252
Ion Ratio Lower Upper
95 100
97 65.1 45.3 84.1
132 95.4 65.0 120.6
130 96.4 69.3 128.7



#35
Methylcyclohexane
Concen: 10.824 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

Tgt Ion: 83 Resp: 40411
Ion Ratio Lower Upper
83 100
55 74.6 57.7 86.5
98 49.1 38.9 58.3





#37

1,2-Dichloropropane

Concen: 11.163 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

Instrument :

MSVOA_V

ClientSampleId :

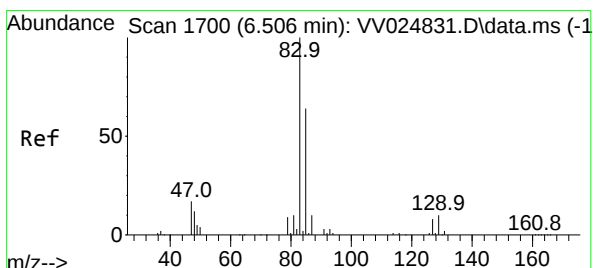
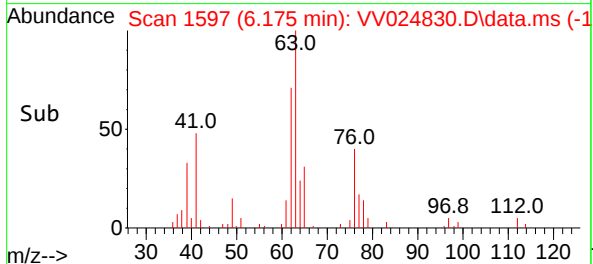
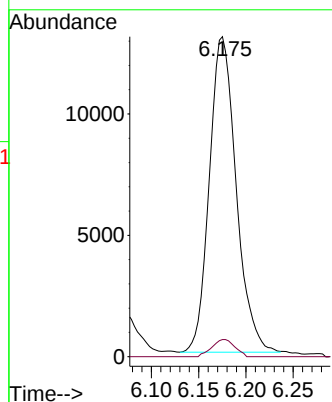
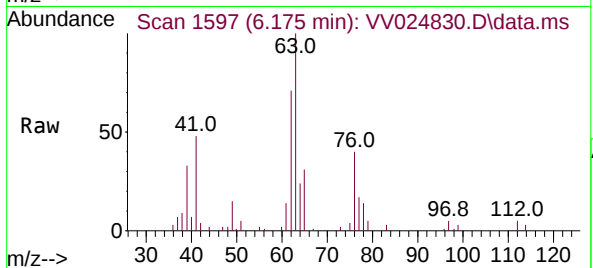
VSTD010208

Tgt Ion: 63 Resp: 25674

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 10.690 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

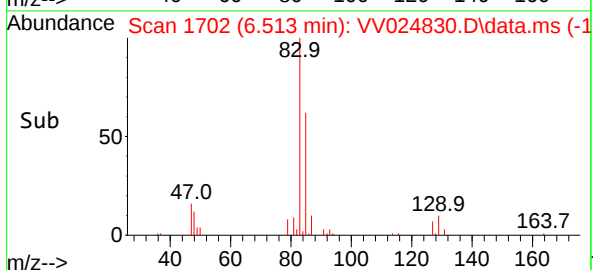
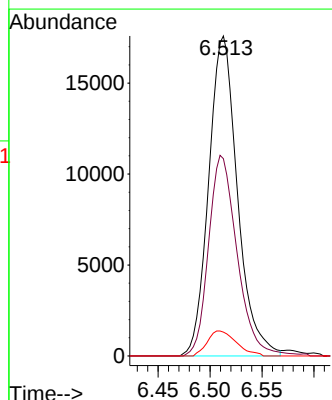
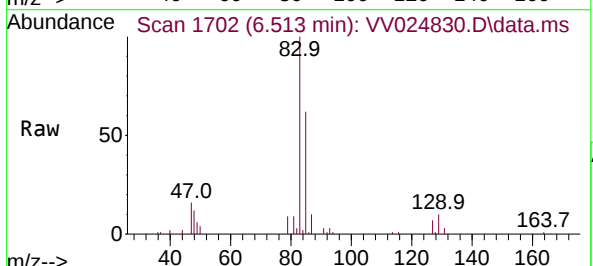
Tgt Ion: 83 Resp: 33890

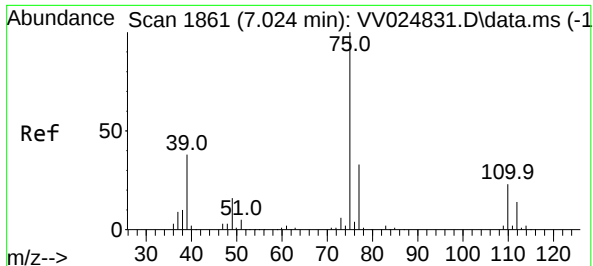
Ion Ratio Lower Upper

83 100

85 61.7 44.5 82.7

127 7.4 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 9.360 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

Instrument :

MSVOA_V

ClientSampleId :

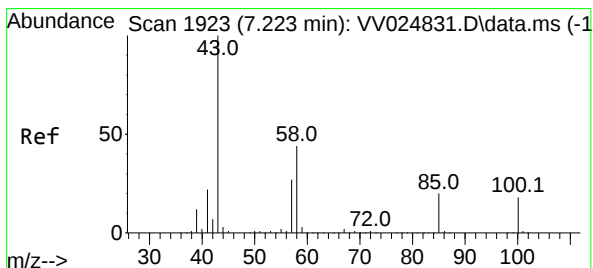
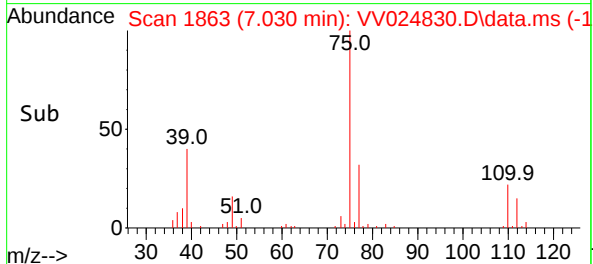
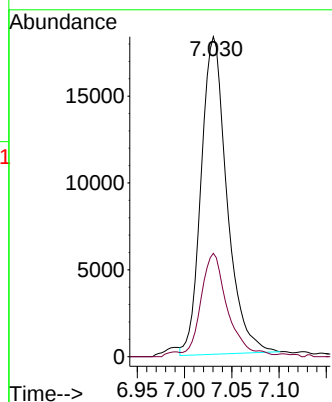
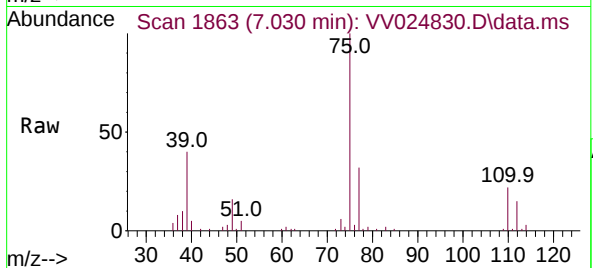
VSTD010208

Tgt Ion: 75 Resp: 34708

Ion Ratio Lower Upper

75 100

77 32.3 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 19.733 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

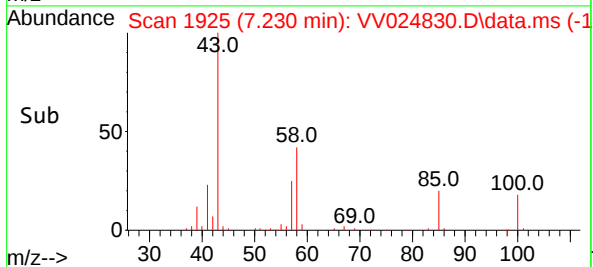
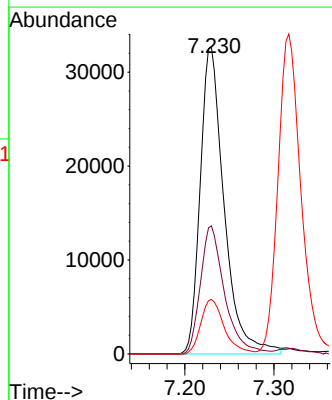
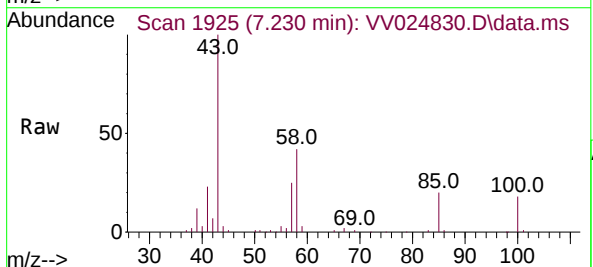
Tgt Ion: 43 Resp: 60940

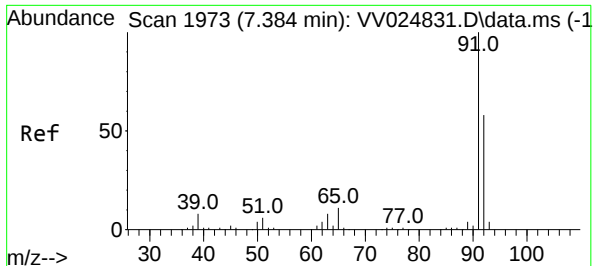
Ion Ratio Lower Upper

43 100

58 42.1 34.8 52.2

100 17.4 14.2 21.2





#42

Toluene

Concen: 11.412 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

Instrument :

MSVOA_V

ClientSampleId :

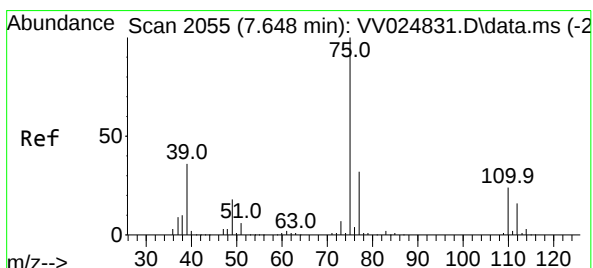
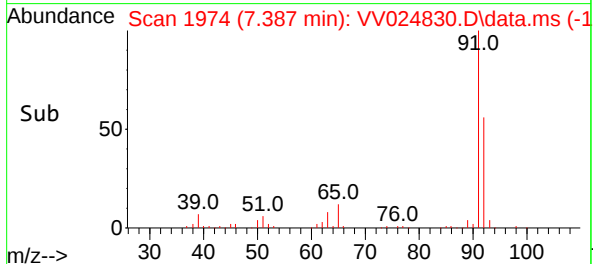
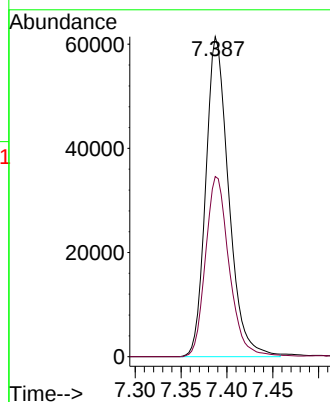
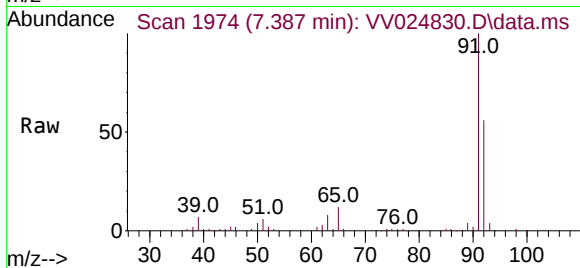
VSTD010208

Tgt Ion: 91 Resp: 106948

Ion Ratio Lower Upper

91 100

92 56.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 9.076 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV024830.D

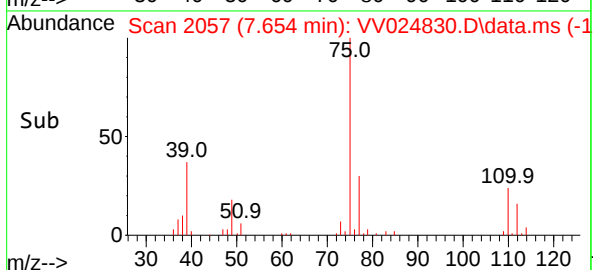
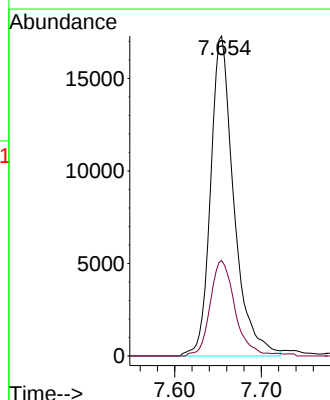
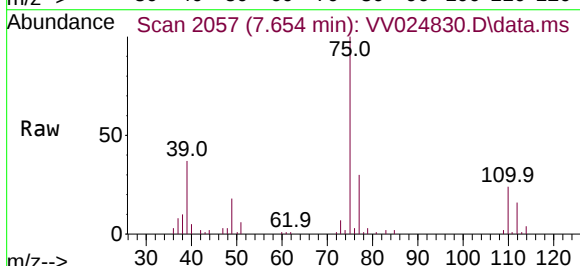
Acq: 28 Feb 2022 11:08

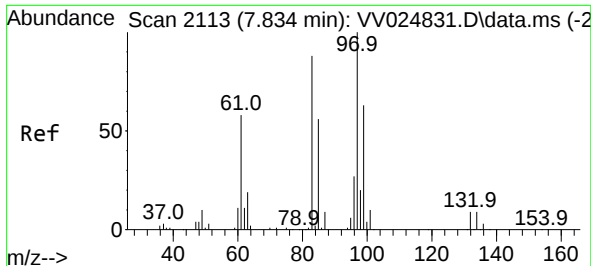
Tgt Ion: 75 Resp: 32388

Ion Ratio Lower Upper

75 100

77 29.8 22.5 41.9

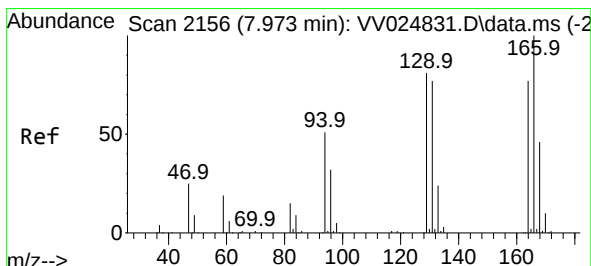
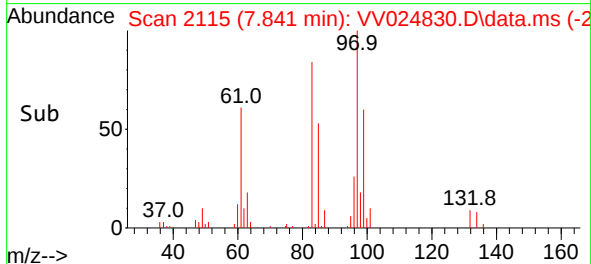
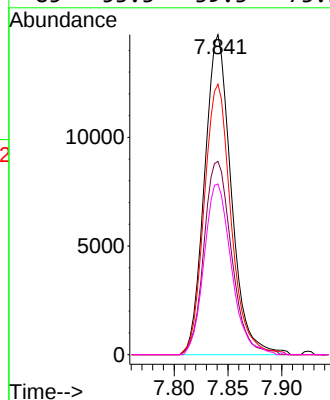
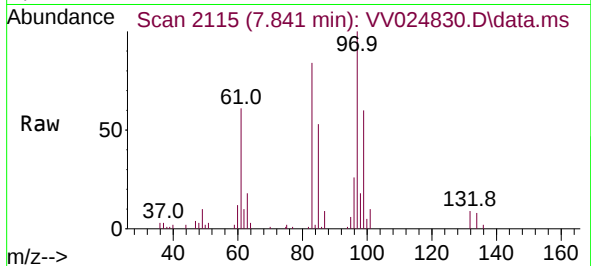




#45
1,1,2-Trichloroethane
Concen: 11.514 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

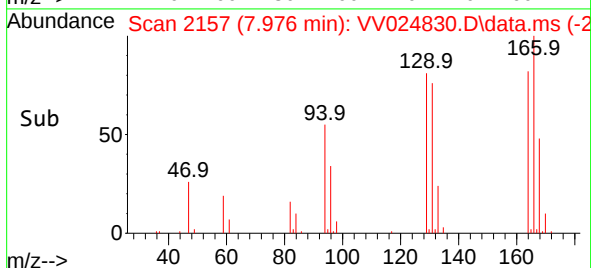
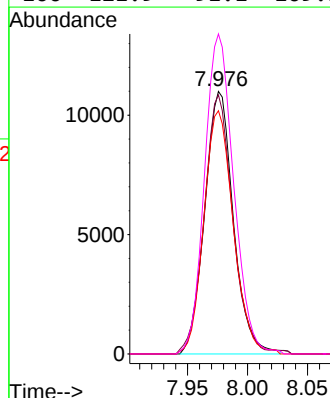
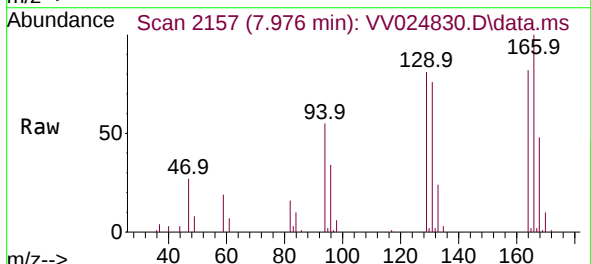
Instrument :
MSVOA_V
ClientSampleId :
VSTD010208

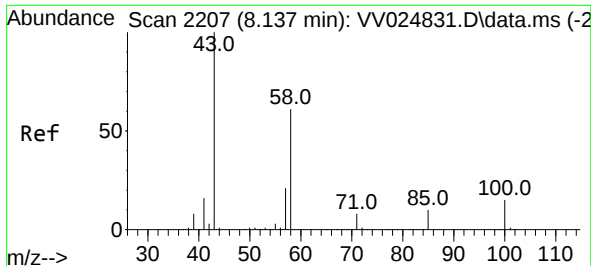
Tgt Ion: 97	Resp: 25366
Ion Ratio	Lower Upper
97 100	
99 60.4	43.9 81.5
83 84.5	61.7 114.5
85 53.3	39.3 73.1



#46
Tetrachloroethene
Concen: 12.336 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

Tgt Ion: 164	Resp: 18271
Ion Ratio	Lower Upper
164 100	
129 98.7	74.1 137.7
131 92.6	70.1 130.1
166 121.9	91.1 169.1

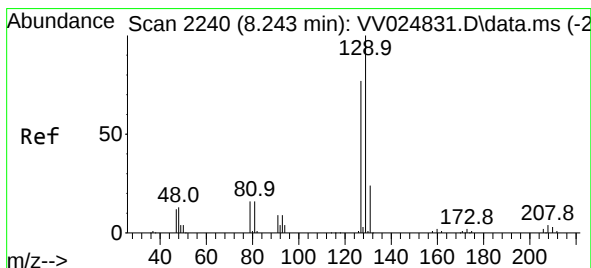
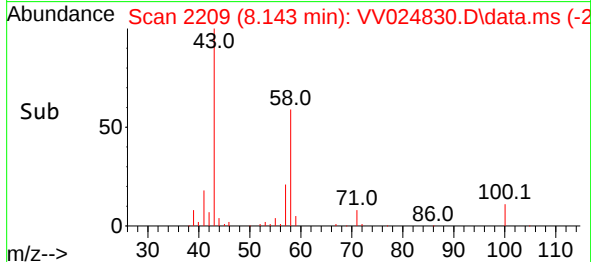
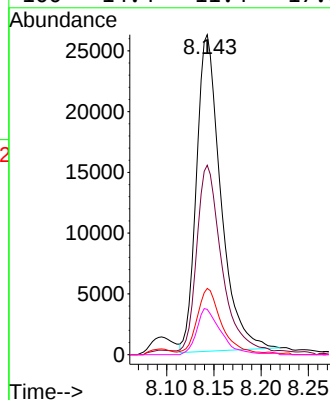
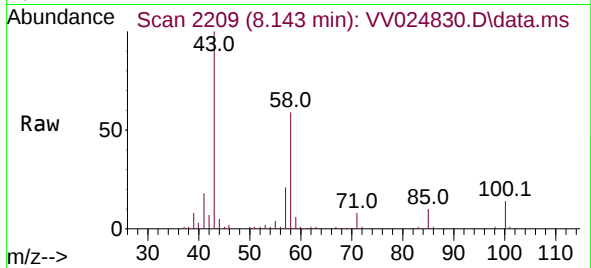




#48
2-Hexanone
Concen: 18.126 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

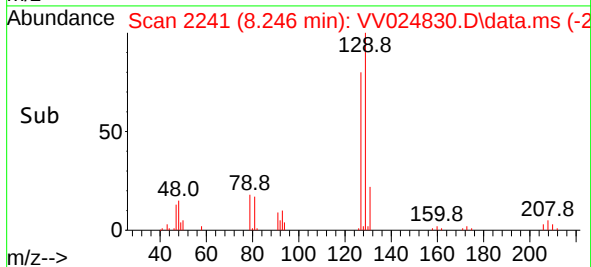
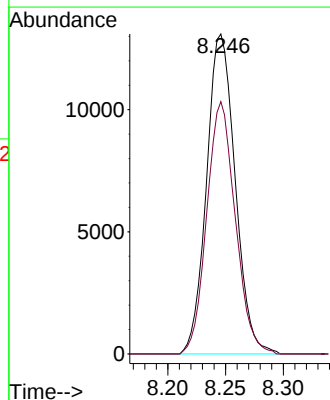
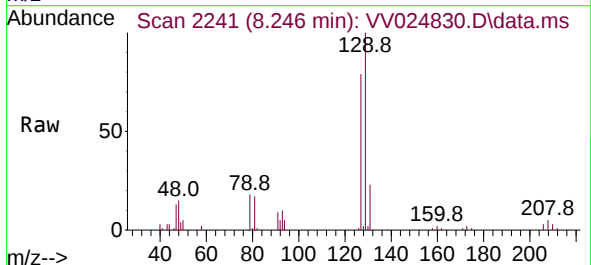
Instrument :
MSVOA_V
ClientSampleId :
VSTD010208

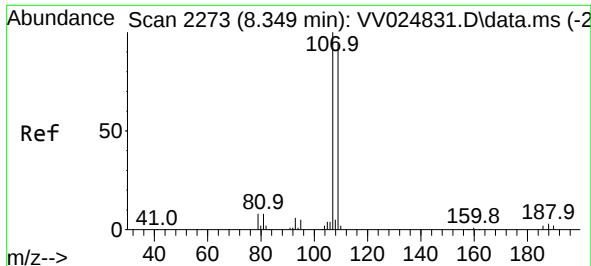
Tgt Ion: 43	Resp: 46681
Ion Ratio	Lower Upper
43 100	
58 60.4	48.6 72.8
57 21.4	16.5 24.7
100 14.4	11.4 17.0



#49
Dibromochloromethane
Concen: 9.870 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

Tgt Ion:129	Resp: 22610		
Ion Ratio	Lower	Upper	
129 100			
127 78.8	54.2	100.6	





#50

1,2-Dibromoethane

Concen: 11.106 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD010208

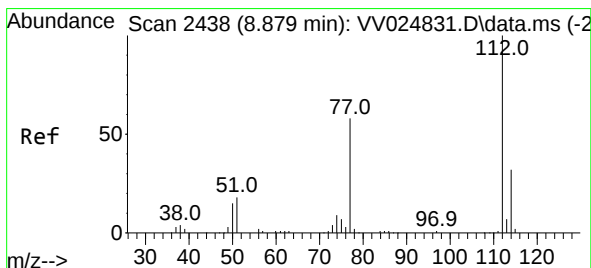
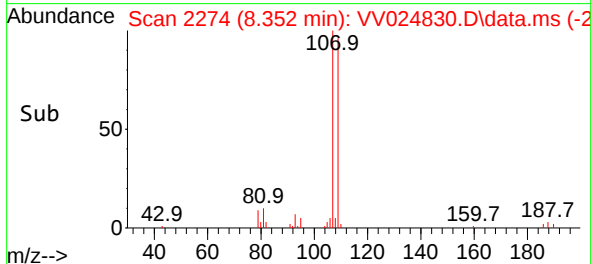
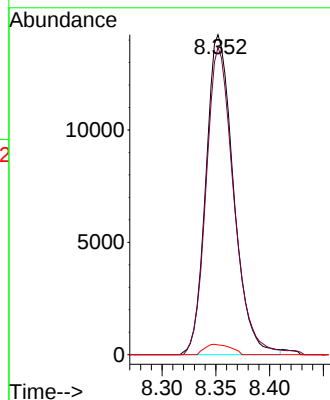
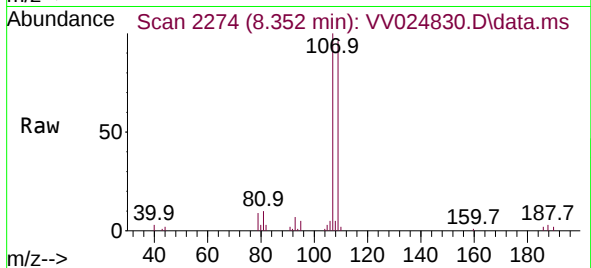
Tgt Ion:107 Resp: 25367

Ion Ratio Lower Upper

107 100

109 96.1 65.6 121.8

188 3.0 2.4 3.6



#51

Chlorobenzene

Concen: 11.540 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

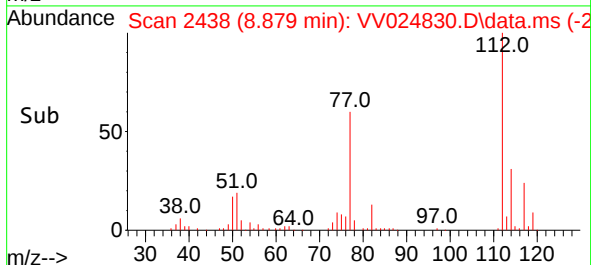
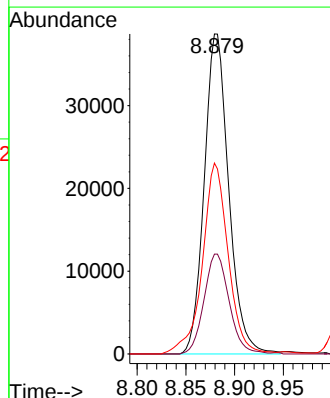
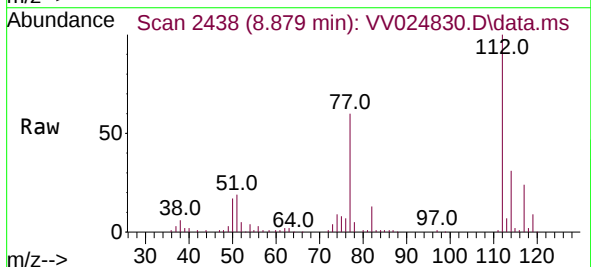
Tgt Ion:112 Resp: 67628

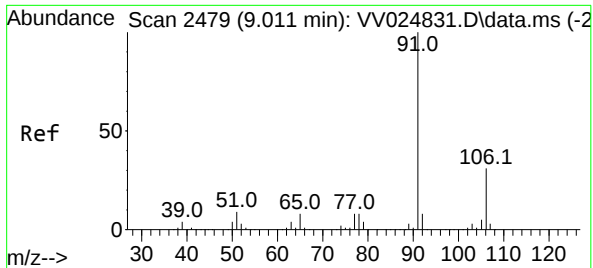
Ion Ratio Lower Upper

112 100

114 31.2 22.3 41.5

77 59.7 46.7 70.1





#52

Ethylbenzene

Concen: 10.617 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

Instrument :

MSVOA_V

ClientSampleId :

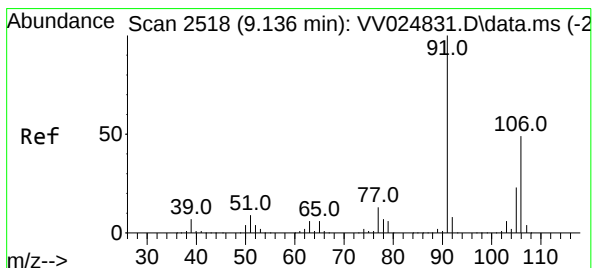
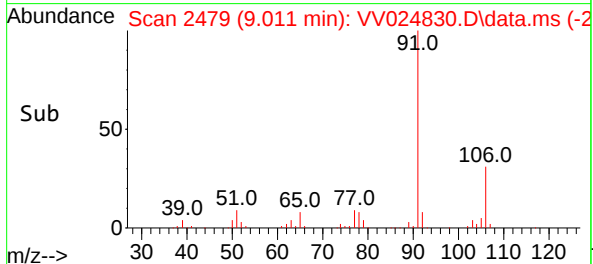
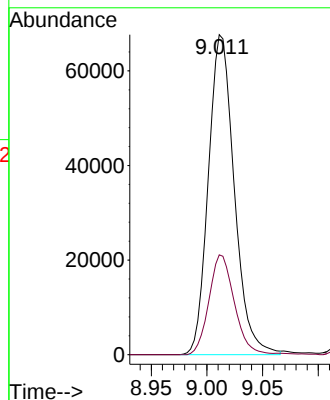
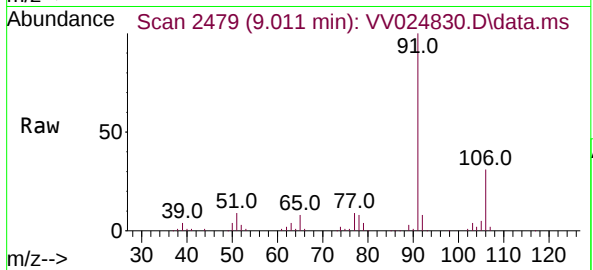
VSTD010208

Tgt Ion: 91 Resp: 109496

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.2



#53

m,p-Xylene

Concen: 10.854 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV024830.D

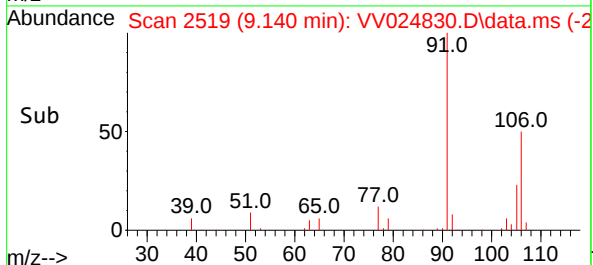
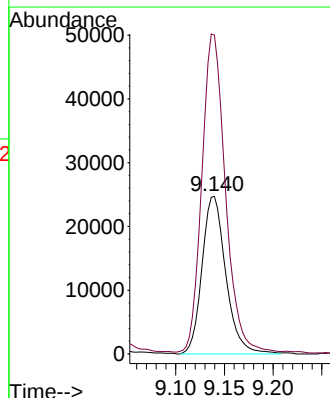
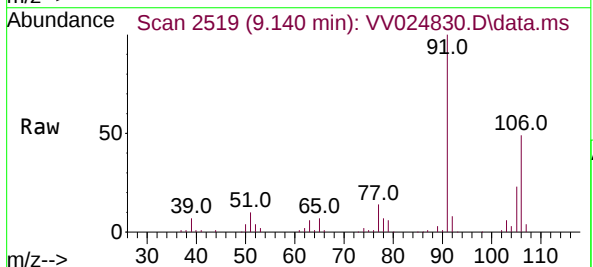
Acq: 28 Feb 2022 11:08

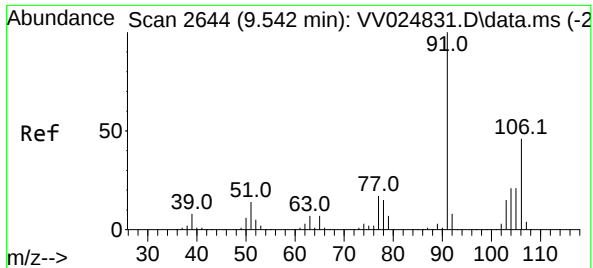
Tgt Ion:106 Resp: 42083

Ion Ratio Lower Upper

106 100

91 202.3 142.2 264.2

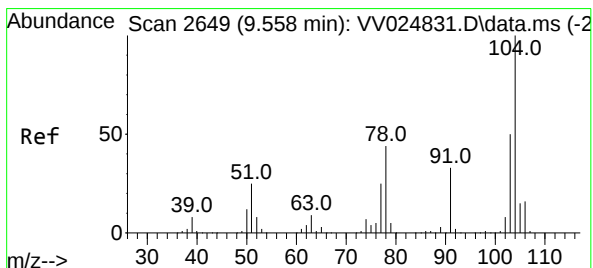
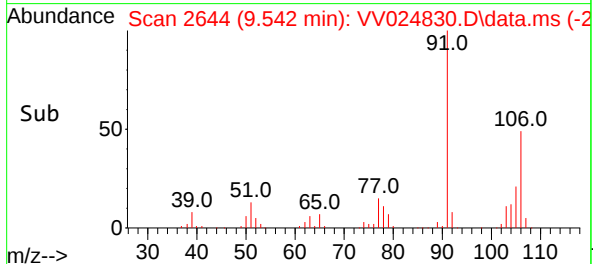
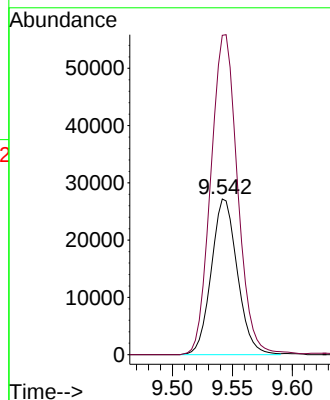
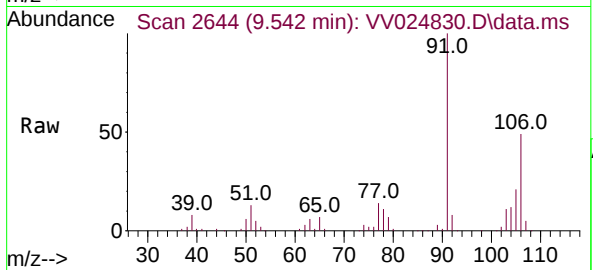




#54
o-Xylene
Concen: 10.654 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

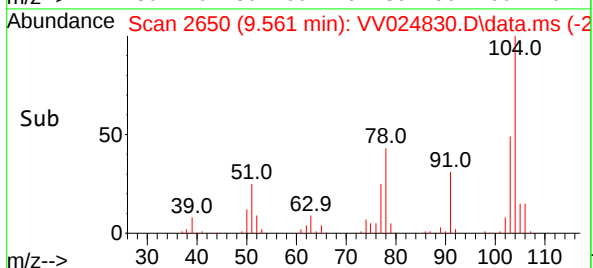
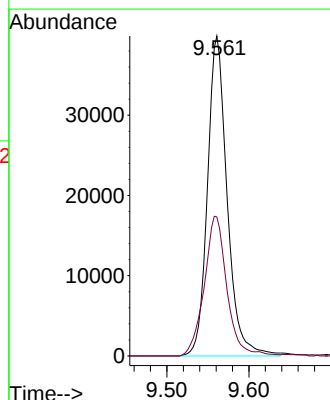
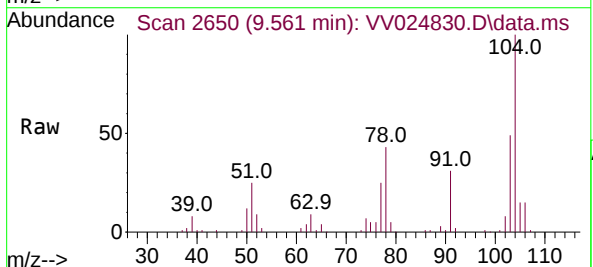
Instrument :
MSVOA_V
ClientSampleId :
VSTD010208

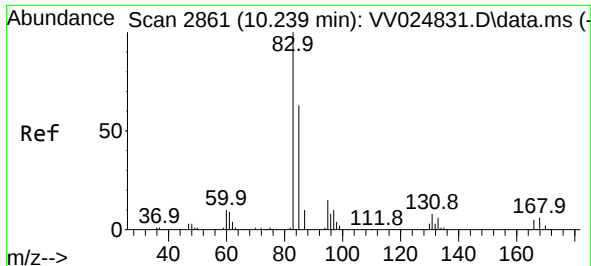
Tgt Ion:106 Resp: 41038
Ion Ratio Lower Upper
106 100
91 205.0 151.6 281.6



#55
Styrene
Concen: 10.158 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

Tgt Ion:104 Resp: 66482
Ion Ratio Lower Upper
104 100
78 43.4 30.9 57.3

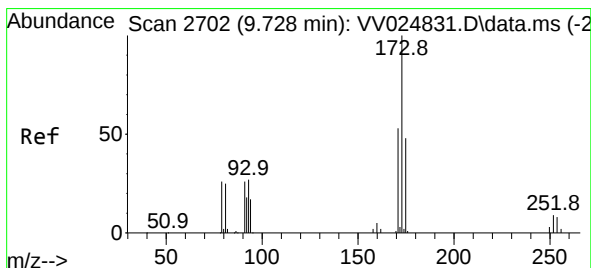
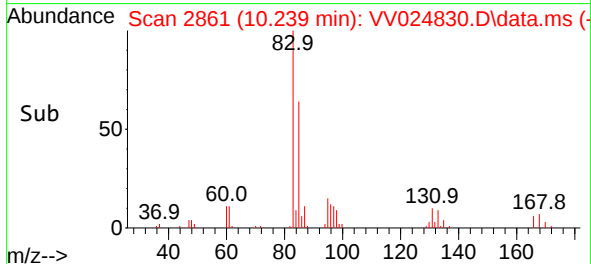
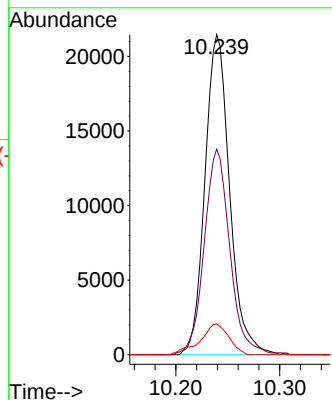
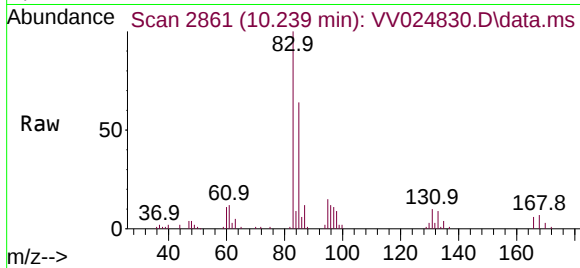




#57
1,1,2,2-Tetrachloroethane
Concen: 11.315 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

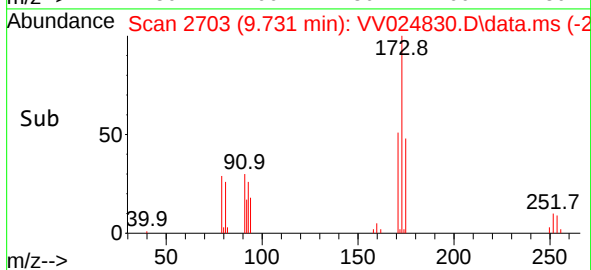
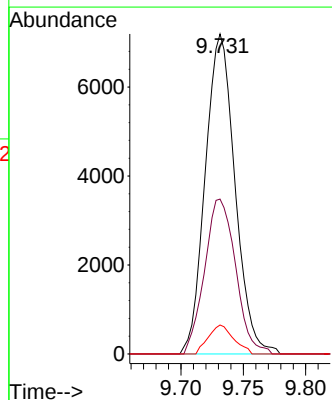
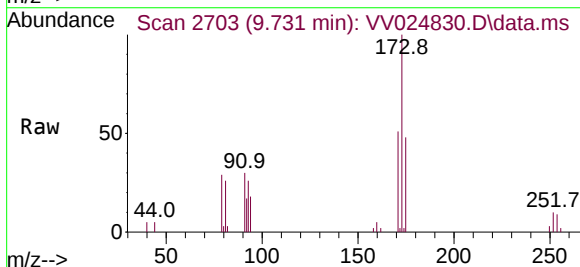
Instrument :
MSVOA_V
ClientSampleId :
VSTD010208

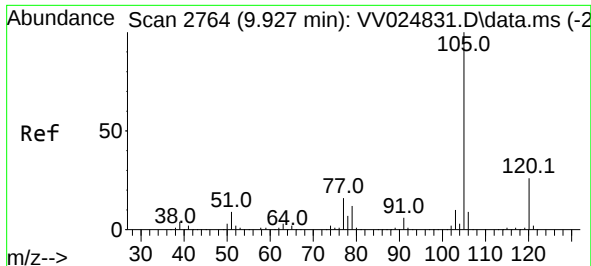
Tgt Ion: 83 Resp: 35350
Ion Ratio Lower Upper
83 100
85 64.2 44.2 82.2
131 9.6 7.0 10.4



#59
Bromoform
Concen: 8.851 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

Tgt Ion: 173 Resp: 11928
Ion Ratio Lower Upper
173 100
175 50.5 37.9 56.9
254 7.7 6.2 9.4

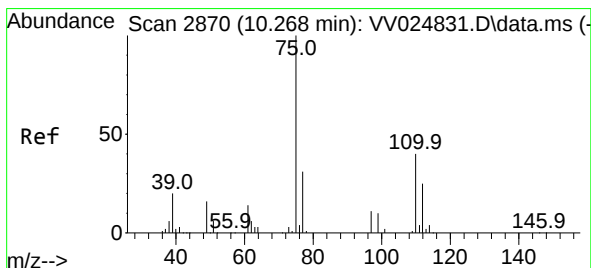
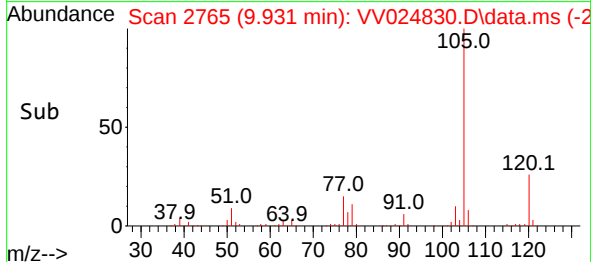
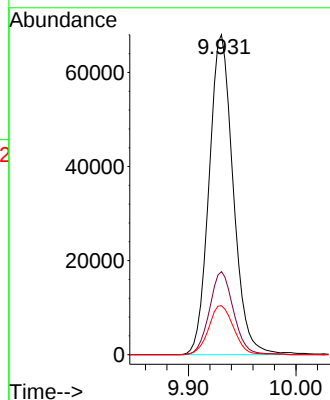
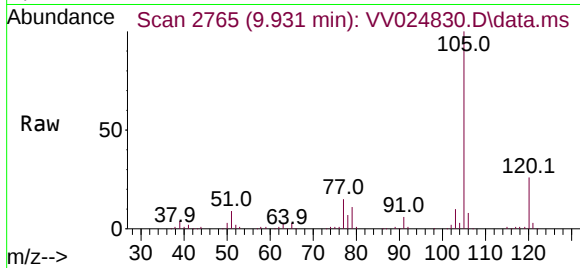




#60
Isopropylbenzene
Concen: 10.347 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

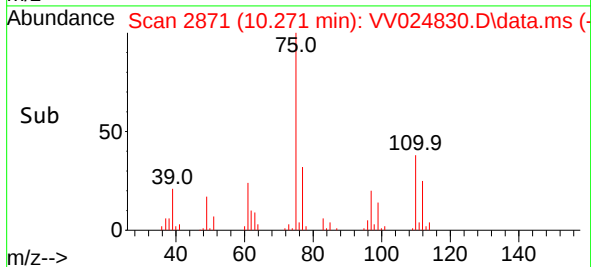
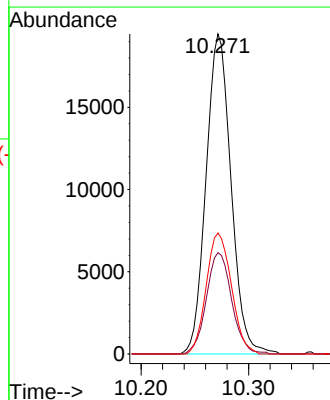
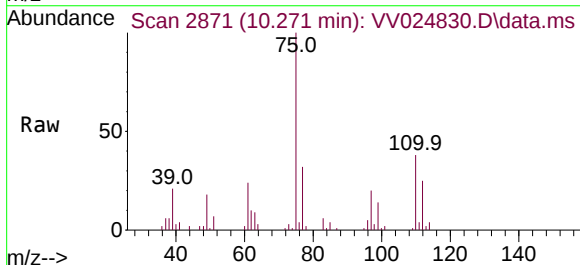
Instrument :
MSVOA_V
ClientSampleId :
VSTD010208

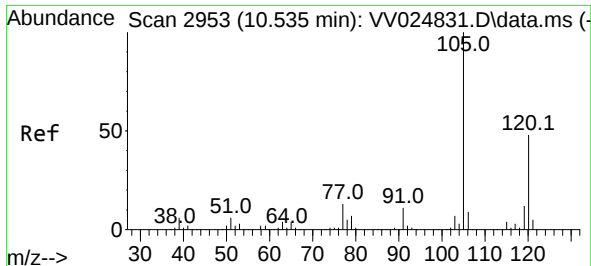
Tgt Ion:105 Resp: 105638
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 15.9 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 11.223 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

Tgt Ion: 75 Resp: 31397
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
110 38.1 31.4 47.2





#62

1,3,5-Trimethylbenzene

Concen: 8.272 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024830.D

Acq: 28 Feb 2022 11:08

Instrument :

MSVOA_V

ClientSampleId :

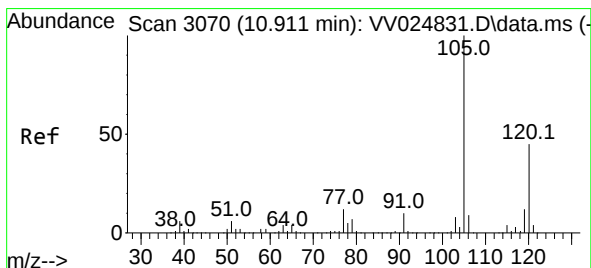
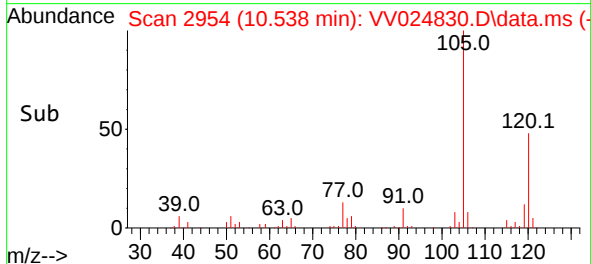
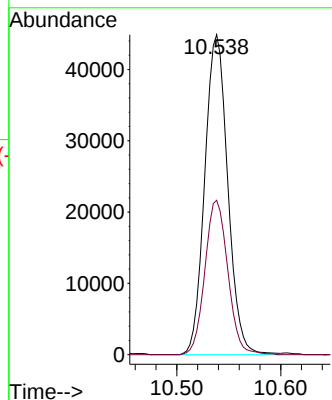
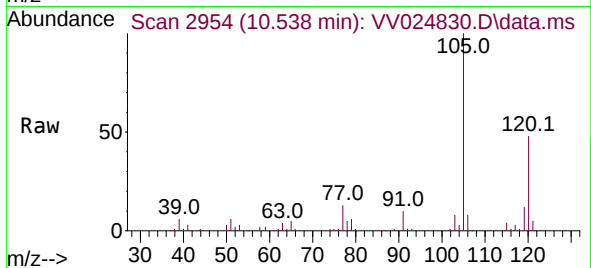
VSTD010208

Tgt Ion:105 Resp: 69109

Ion Ratio Lower Upper

105 100

120 48.1 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 9.702 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024830.D

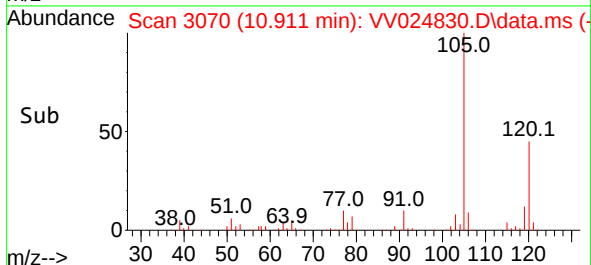
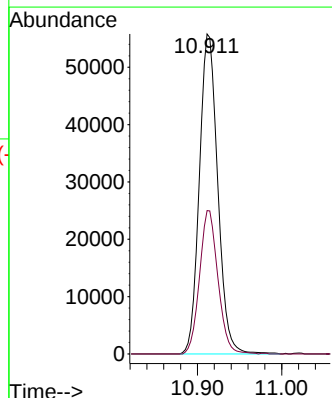
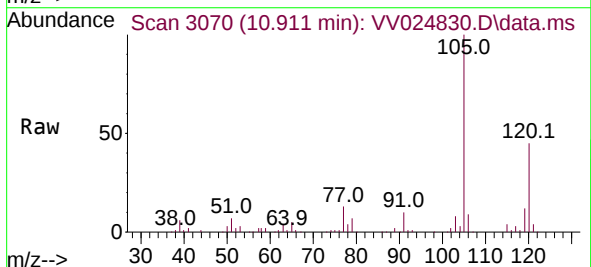
Acq: 28 Feb 2022 11:08

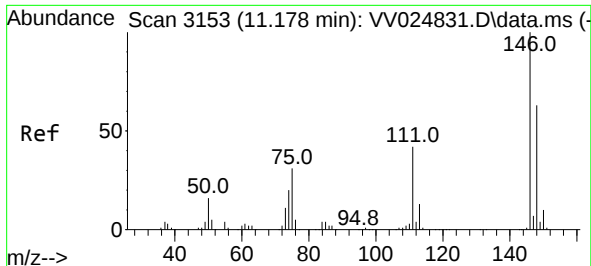
Tgt Ion:105 Resp: 84795

Ion Ratio Lower Upper

105 100

120 44.8 36.1 54.1

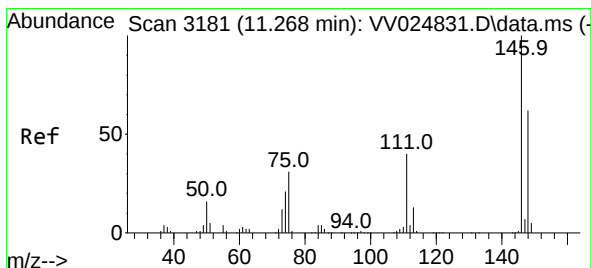
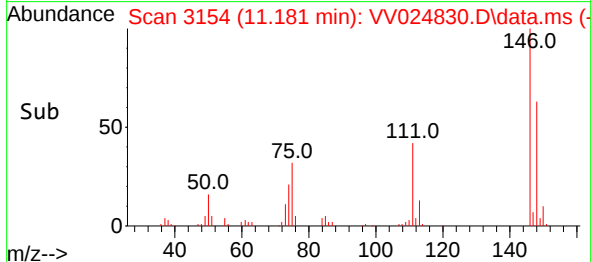
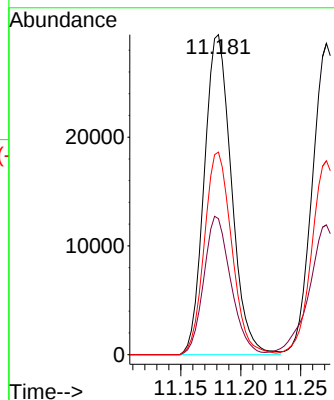
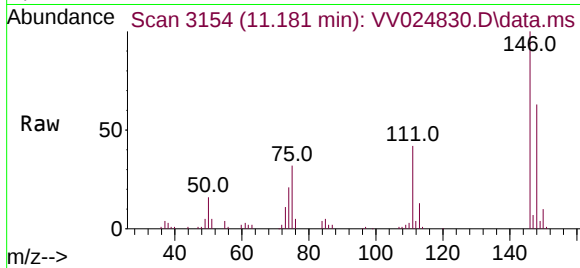




#64
 1,3-Dichlorobenzene
 Concen: 11.038 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.003 min
 Lab File: VV024830.D
 Acq: 28 Feb 2022 11:08

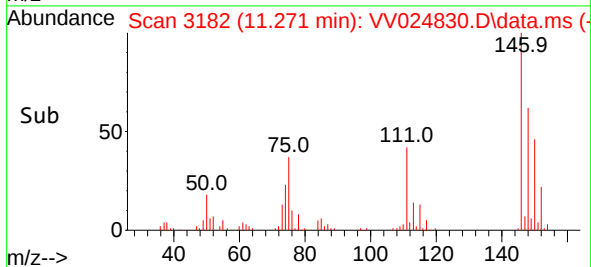
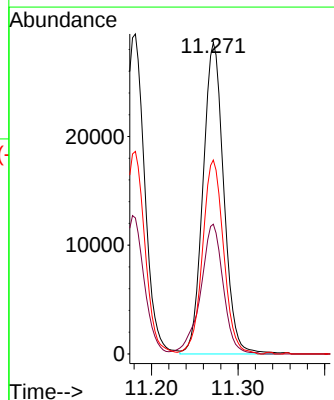
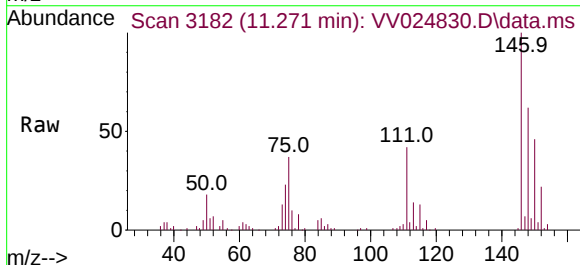
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010208

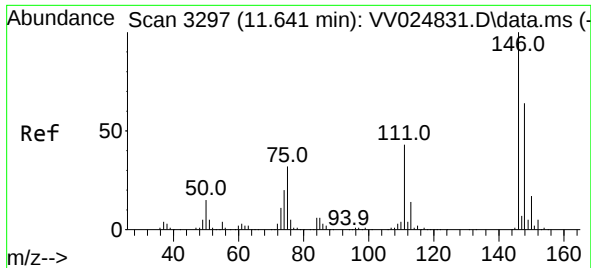
Tgt Ion:146 Resp: 46491
 Ion Ratio Lower Upper
 146 100
 111 42.5 29.7 55.1
 148 63.3 43.9 81.5



#65
 1,4-Dichlorobenzene
 Concen: 11.165 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.003 min
 Lab File: VV024830.D
 Acq: 28 Feb 2022 11:08

Tgt Ion:146 Resp: 47815
 Ion Ratio Lower Upper
 146 100
 111 41.7 28.6 53.0
 148 62.3 43.7 81.1

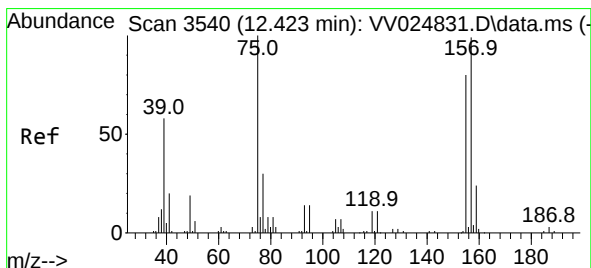
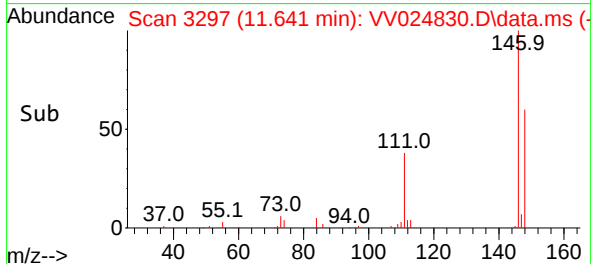
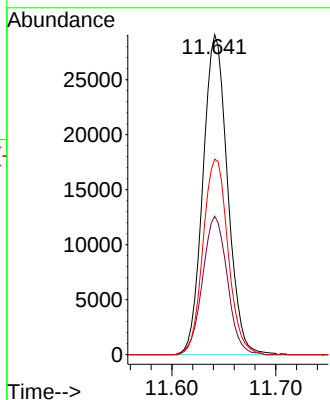
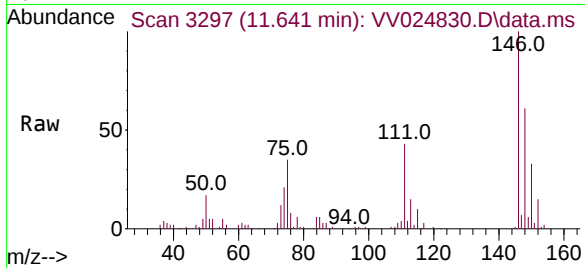




#67
1,2-Dichlorobenzene
Concen: 11.337 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

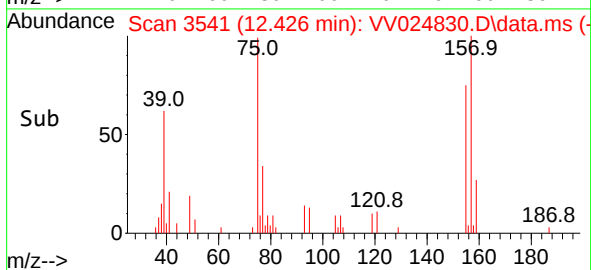
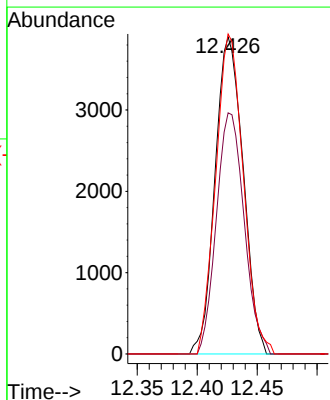
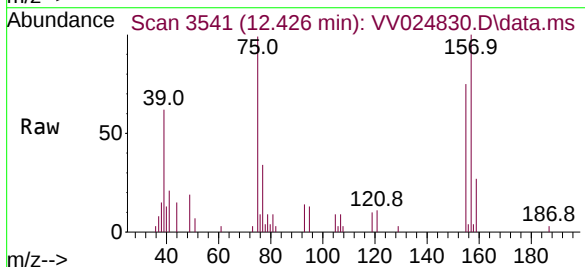
Instrument :
MSVOA_V
ClientSampleId :
VSTD010208

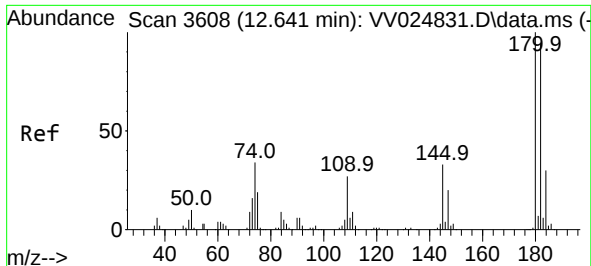
Tgt Ion:146 Resp: 47861
Ion Ratio Lower Upper
146 100
111 43.3 34.9 52.3
148 61.1 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 8.763 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

Tgt Ion: 75 Resp: 6328
Ion Ratio Lower Upper
75 100
155 76.1 63.8 95.8
157 100.9 79.3 118.9

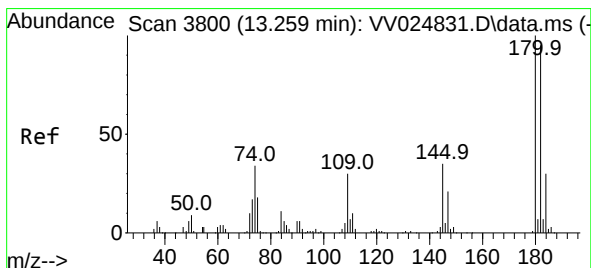
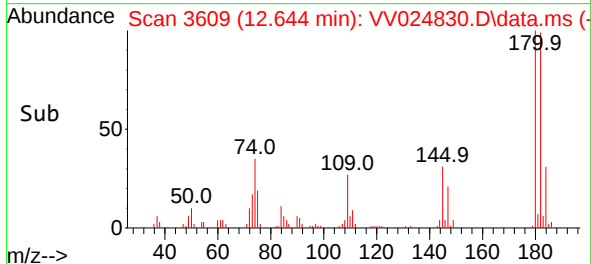
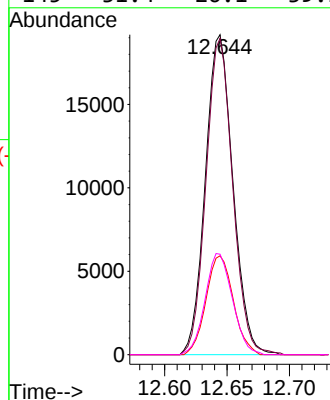
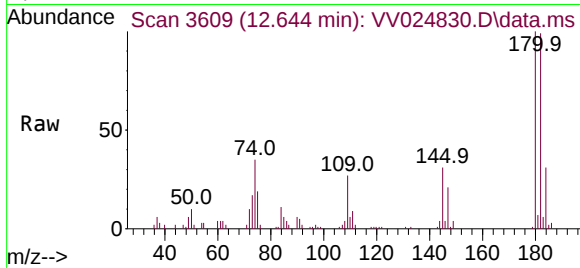




#69
 1,3,5-Trichlorobenzene
 Concen: 10.503 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV024830.D
 Acq: 28 Feb 2022 11:08

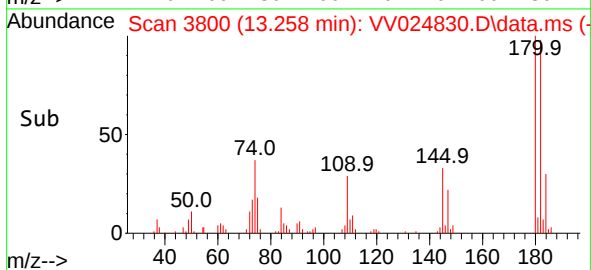
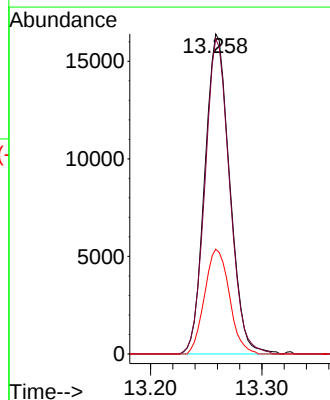
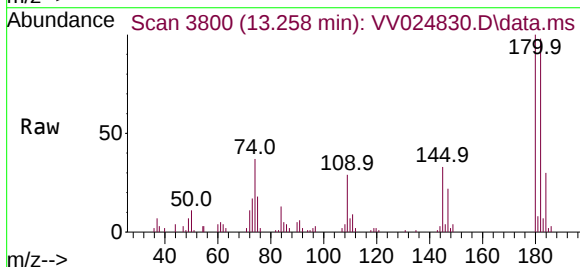
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010208

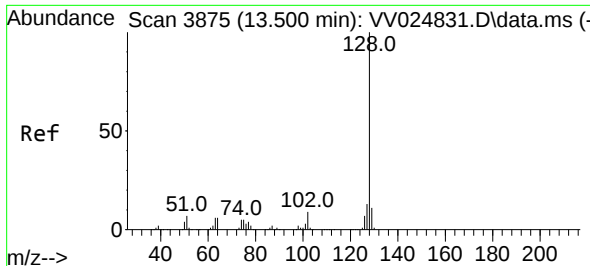
Tgt Ion:180	Resp:	29493
Ion Ratio	Lower	Upper
180	100	
182	95.5	75.1 112.7
184	30.6	23.9 35.9
145	31.4	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 10.248 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024830.D
 Acq: 28 Feb 2022 11:08

Tgt Ion:180	Resp:	25505
Ion Ratio	Lower	Upper
180	100	
182	97.3	76.0 114.0
145	32.5	27.6 41.4

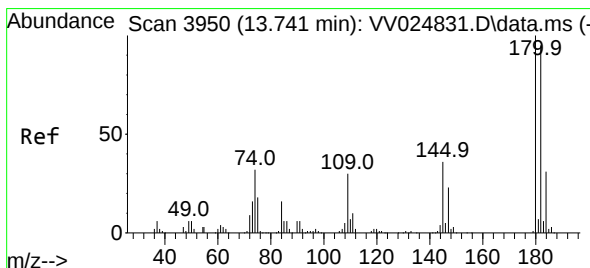
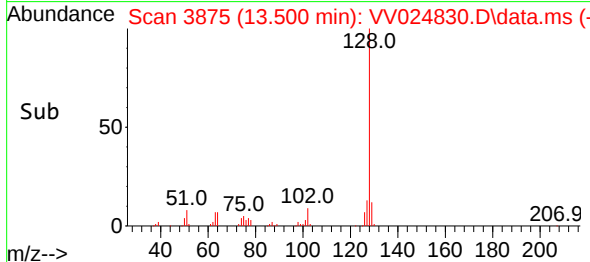
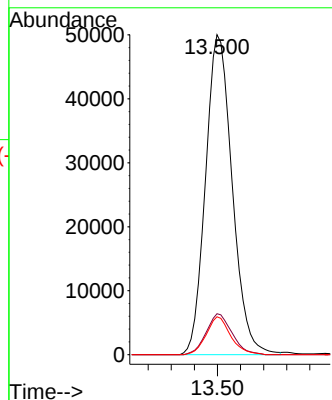
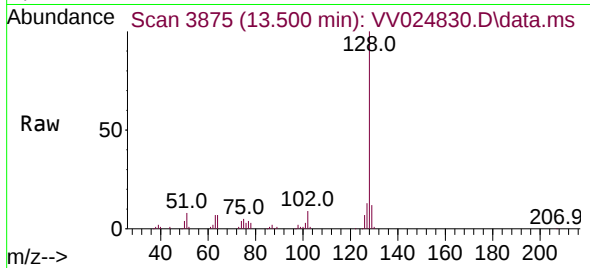




#71
Naphthalene
Concen: 8.961 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD010208

Tgt Ion:	128	Resp:	80333
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.2	15.4
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 10.699 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV024830.D
Acq: 28 Feb 2022 11:08

Tgt Ion:	180	Resp:	26105
Ion Ratio	Lower	Upper	
180	100		
182	90.2	75.9	113.9
145	35.0	28.7	43.1

