

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024637.D
 Acq On : 26 Sep 2022 12:21
 Operator : SY/VA
 Sample : VSTD00552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005452

Quant Time: Sep 27 00:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 00:48:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	659420	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	568499	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	276124	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	29219	4.235	ug/L	0.00
7) Chloroethane-d5	2.891	69	17276	4.309	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	78440	4.912	ug/L	0.00
21) 2-Butanone-d5	7.080	46	25112	10.196	ug/L	0.00
24) Chloroform-d	7.653	84	90381	5.127	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	47355	5.178	ug/L	0.00
32) Benzene-d6	8.275	84	192892	5.308	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	58339	5.255	ug/L	0.00
41) Toluene-d8	10.323	98	175375	5.400	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	25700	5.198	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	19024	10.015	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40051	5.063	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	50684	5.216	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	15734	4.020	ug/L	96
3) Chloromethane	2.221	50	36807	4.669	ug/L	95
5) Vinyl chloride	2.367	62	32669	4.030	ug/L	94
6) Bromomethane	2.776	94	16625	4.444	ug/L	95
8) Chloroethane	2.922	64	14653	4.288	ug/L	93
9) Trichlorofluoromethane	3.257	101	21581	4.759	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	41905	4.845	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	40253	4.643	ug/L	95
13) Acetone	4.135	43	22207	12.236	ug/L	97
14) Carbon disulfide	4.385	76	121769	4.471	ug/L	99
15) Methyl Acetate	4.678	43	18142	4.454	ug/L #	89
16) Methylene chloride	4.922	84	73195	5.652	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	46634	4.819	ug/L	90
18) Methyl tert-butyl Ether	5.428	73	75002	4.885	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	87178	4.807	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	50035	4.812	ug/L	95
22) 2-Butanone	7.177	43	30880	10.658	ug/L	98
23) Bromochloromethane	7.519	128	20018	4.736	ug/L	89
25) Chloroform	7.677	83	83657	4.865	ug/L	98
27) 1,2-Dichloroethane	8.403	62	51968	4.803	ug/L	100
29) Cyclohexane	7.958	56	85370	4.818	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	68345	4.968	ug/L	99
31) Carbon tetrachloride	8.067	117	57496	4.936	ug/L	100
33) Benzene	8.323	78	198541	4.990	ug/L	100
34) Trichloroethene	9.091	95	49739	4.932	ug/L	98
35) Methylcyclohexane	9.335	83	88405	4.782	ug/L	99
37) 1,2-Dichloropropane	9.366	63	48139	4.901	ug/L	99
38) Bromodichloromethane	9.640	83	58863	4.872	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	74077	4.769	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	54364	9.350	ug/L	99
42) Toluene	10.390	91	205817	5.009	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	64960	4.878	ug/L	94

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 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 00:48:15 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.786	97	33150	4.941	ug/L	98
46) Tetrachloroethene	10.866	164	33390	4.873	ug/L	91
48) 2-Hexanone	10.969	43	39104	9.946	ug/L	98
49) Dibromochloromethane	11.128	129	36281	4.802	ug/L	98
50) 1,2-Dibromoethane	11.231	107	30593	4.817	ug/L	92
51) Chlorobenzene	11.658	112	124165	4.935	ug/L	99
52) Ethylbenzene	11.731	91	225398	4.980	ug/L	98
53) m,p-Xylene	11.835	106	87241	4.936	ug/L	95
54) o-Xylene	12.164	106	81151	4.862	ug/L	91
55) Styrene	12.176	104	138726	4.931	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	38075	4.847	ug/L	96
59) Bromoform	12.347	173	18231	4.671	ug/L	94
60) Isopropylbenzene	12.463	105	219062	4.868	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	28775	4.838	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	187867	4.803	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	187648	4.897	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	89681	4.905	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	85841	4.823	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	79674	5.003	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6914	4.916	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	58987	4.859	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	48505	4.756	ug/L	97
71) Naphthalene	15.359	128	107672	4.849	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	43251	4.983	ug/L	97

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

Instrument :

MSVOA W

ClientSampleId :

VSTD005452

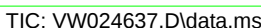
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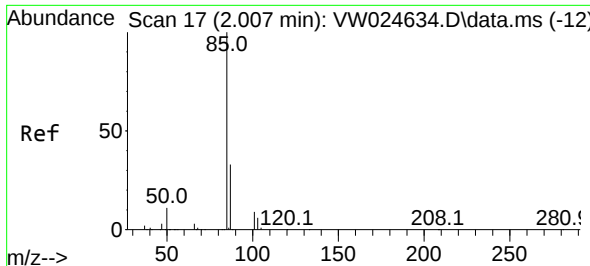
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Quant Title : SFAM01.0

QLast Update : Tue Sep 27 00:48:15 2022

Response via : Initial Calibration

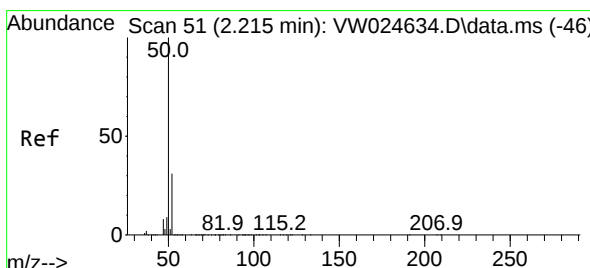
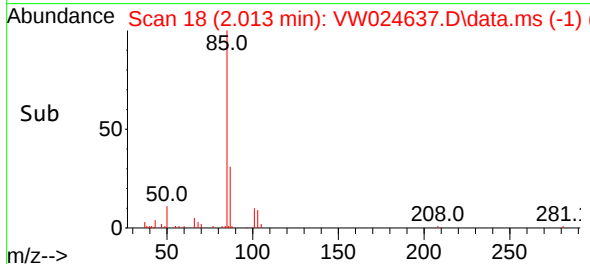
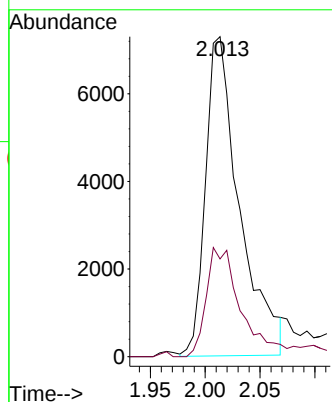
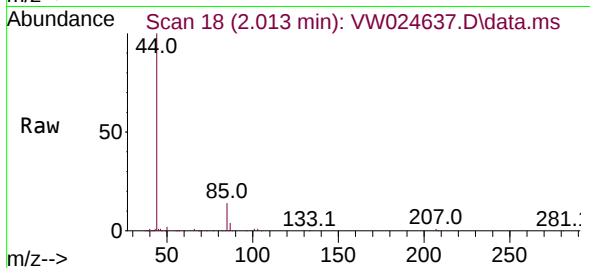




#2
 Dichlorodifluoromethane
 Concen: 4.020 ug/L
 RT: 2.013 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW024637.D
 Acq: 26 Sep 2022 12:21

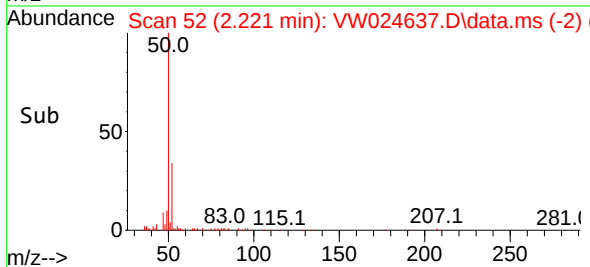
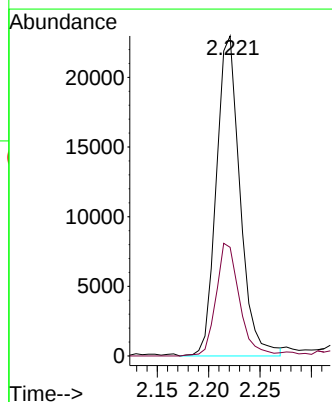
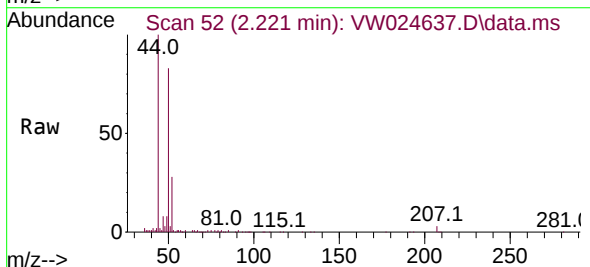
Instrument :
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 ClientSampleId :
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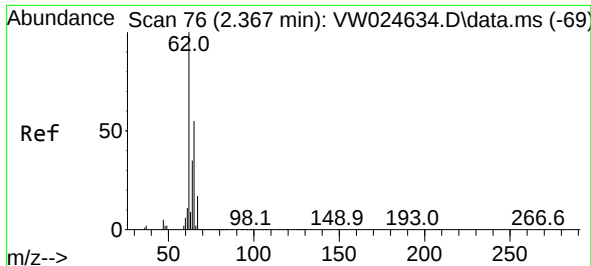
Tgt Ion: 85 Resp: 15734
 Ion Ratio Lower Upper
 85 100
 87 33.4 28.8 43.2



#3
 Chloromethane
 Concen: 4.669 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW024637.D
 Acq: 26 Sep 2022 12:21

Tgt Ion: 50 Resp: 36807
 Ion Ratio Lower Upper
 50 100
 52 33.9 21.7 40.3

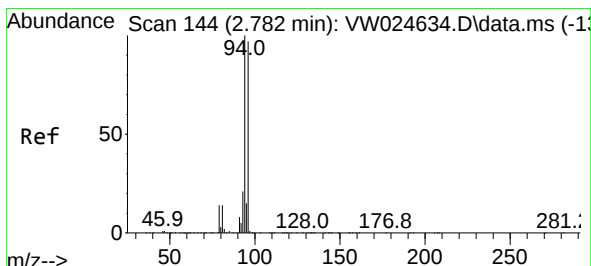
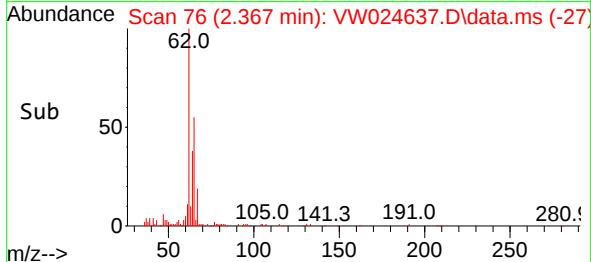
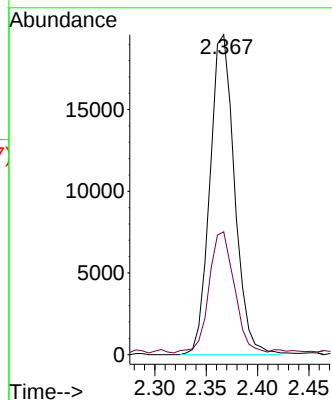
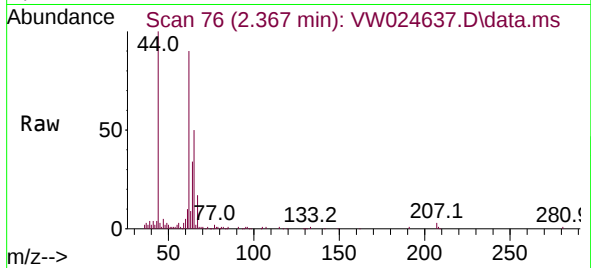




#5
 Vinyl chloride
 Concen: 4.030 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024637.D
 Acq: 26 Sep 2022 12:21

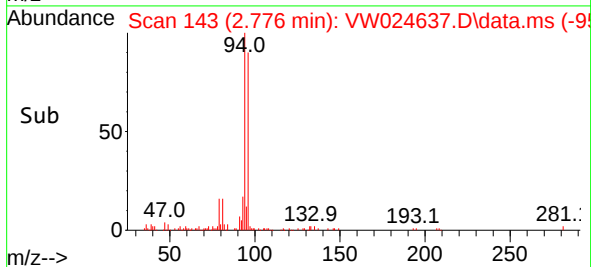
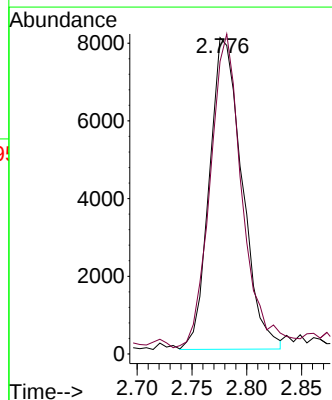
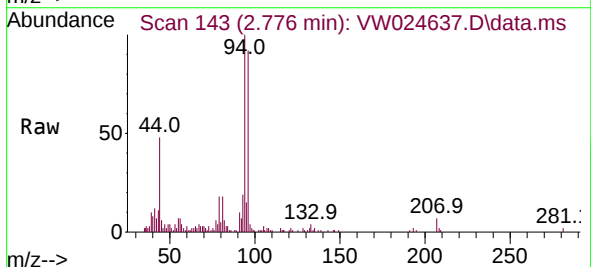
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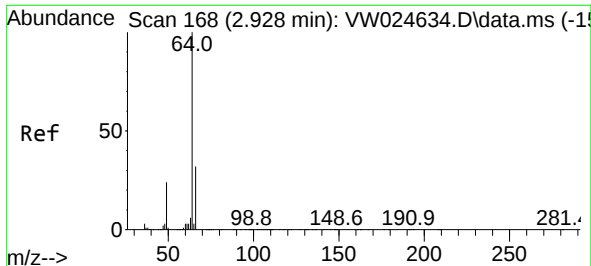
Tgt Ion: 62 Resp: 32669
 Ion Ratio Lower Upper
 62 100
 64 38.4 24.4 45.2



#6
 Bromomethane
 Concen: 4.444 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW024637.D
 Acq: 26 Sep 2022 12:21

Tgt Ion: 94 Resp: 16625
 Ion Ratio Lower Upper
 94 100
 96 92.5 68.0 126.2

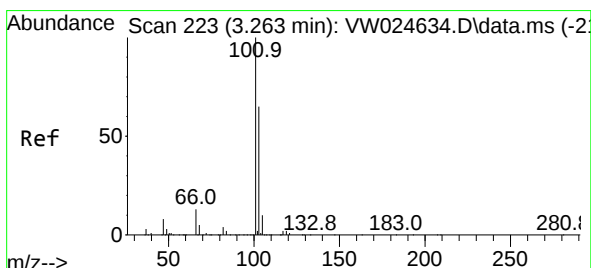
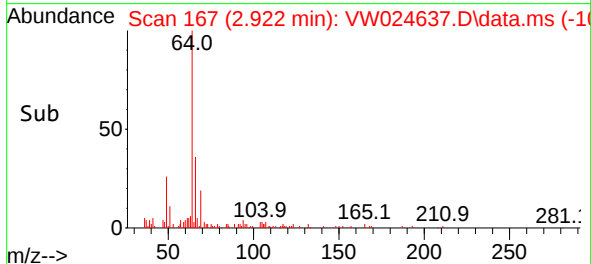
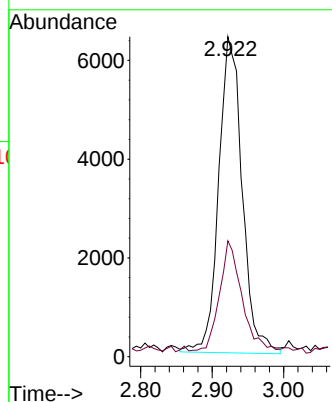
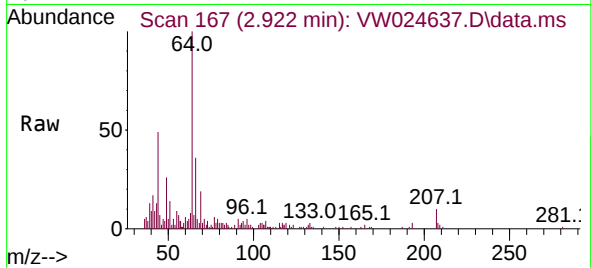




#8
Chloroethane
Concen: 4.288 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

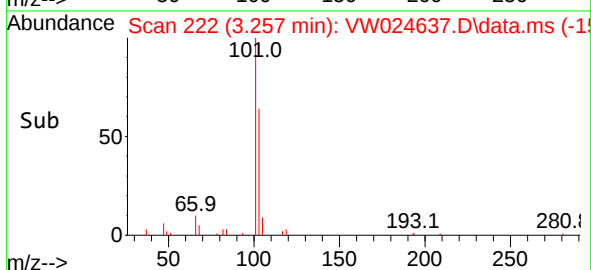
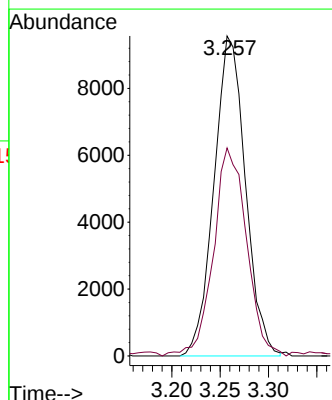
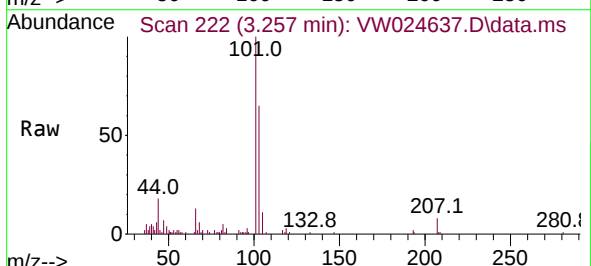
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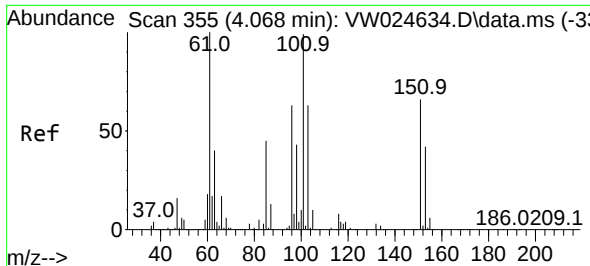
Tgt Ion: 64 Resp: 14653
Ion Ratio Lower Upper
64 100
66 36.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.759 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt Ion: 101 Resp: 21581
Ion Ratio Lower Upper
101 100
103 67.7 53.4 80.2

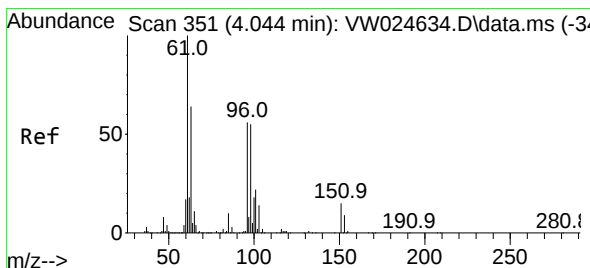
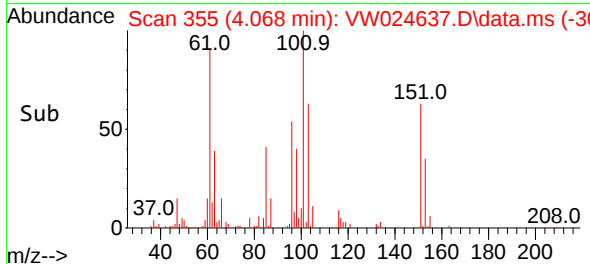
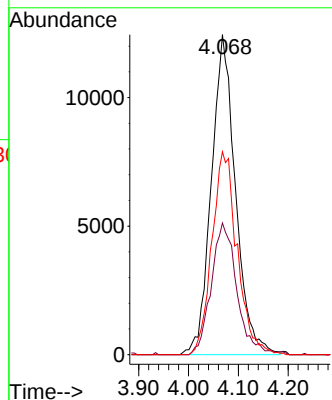
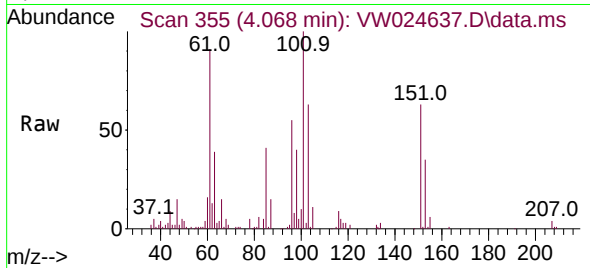




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.845 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW024637.D
 Acq: 26 Sep 2022 12:21

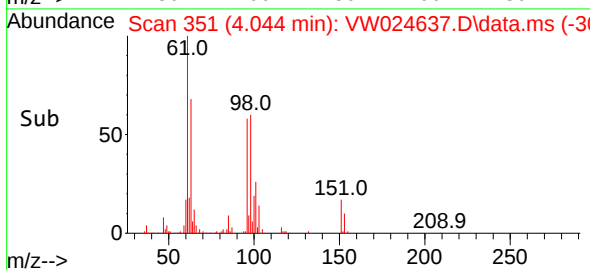
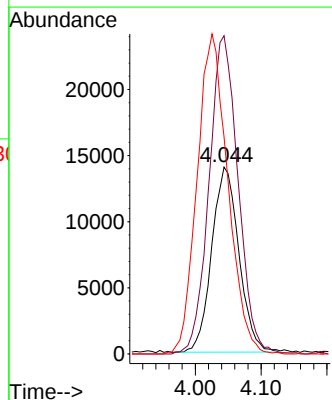
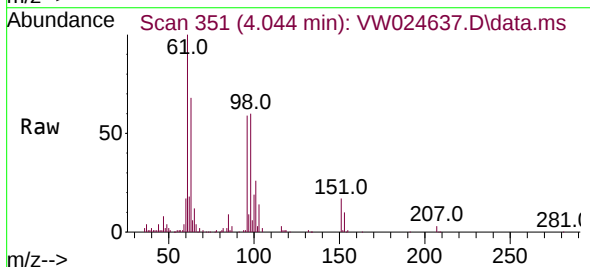
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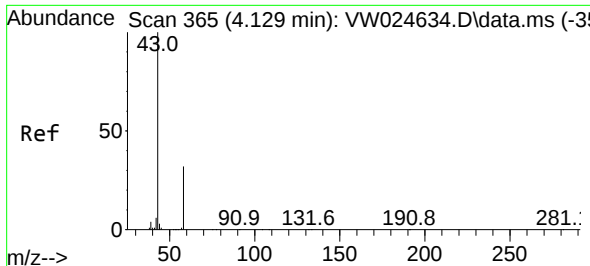
Tgt Ion: 101 Resp: 41905
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.9 52.3
 151 66.3 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 4.643 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024637.D
 Acq: 26 Sep 2022 12:21

Tgt Ion: 96 Resp: 40253
 Ion Ratio Lower Upper
 96 100
 61 170.3 124.5 231.1
 63 116.1 84.1 156.1





#13

Acetone

Concen: 12.236 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

Instrument :

MSVOA_W

ClientSampleId :

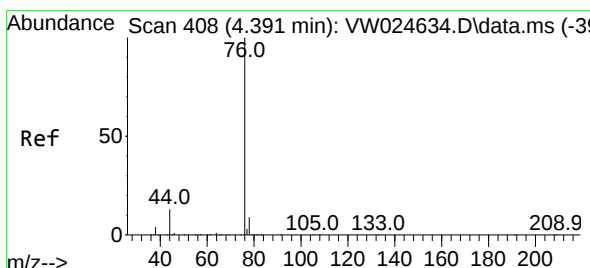
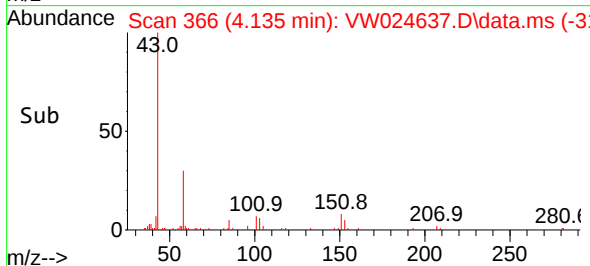
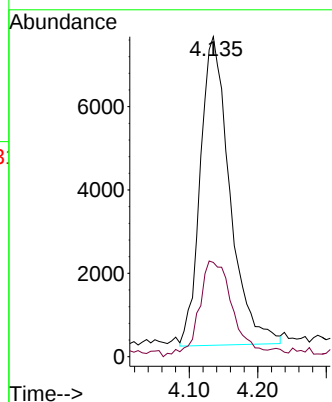
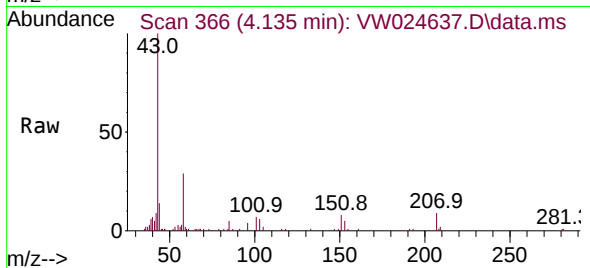
VSTD005452

Tgt Ion: 43 Resp: 22207

Ion Ratio Lower Upper

43 100

58 35.3 0.0 67.6



#14

Carbon disulfide

Concen: 4.471 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

Lab File: VW024637.D

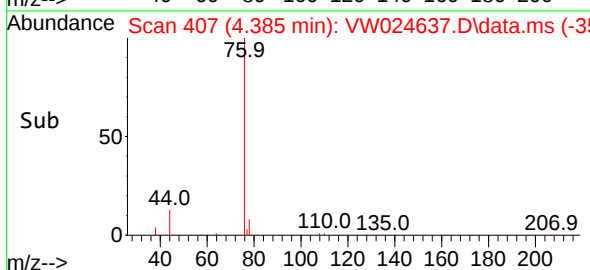
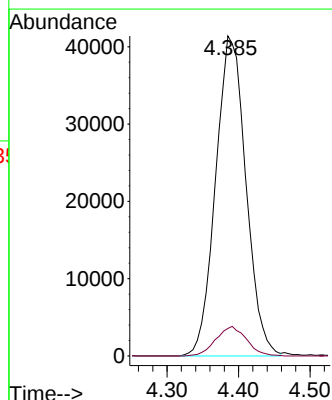
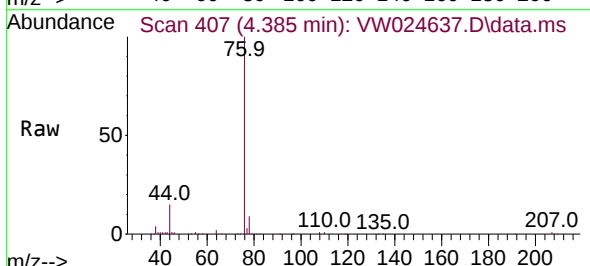
Acq: 26 Sep 2022 12:21

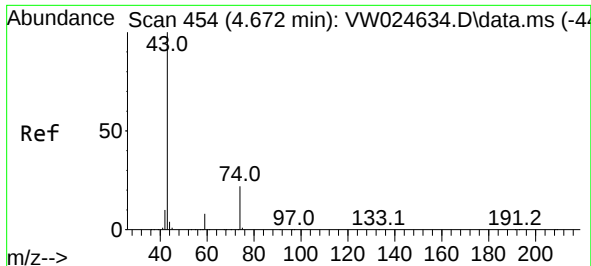
Tgt Ion: 76 Resp: 121769

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8

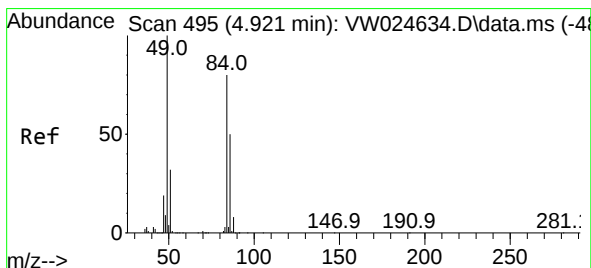
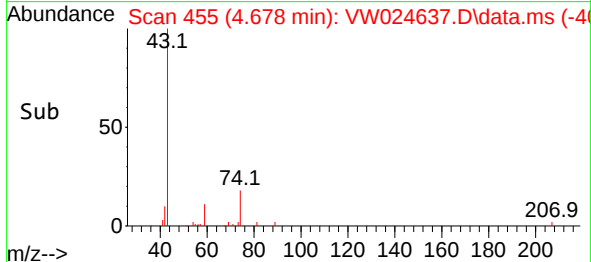
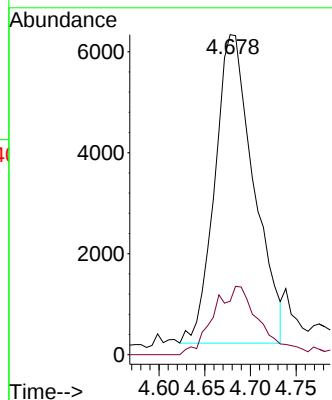
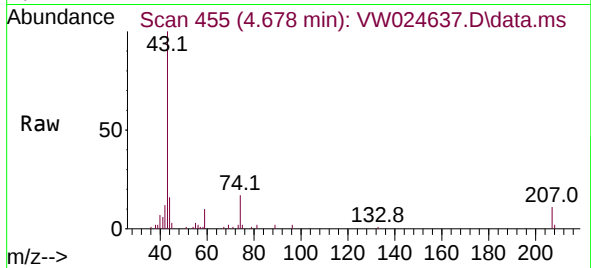




#15
Methyl Acetate
Concen: 4.454 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

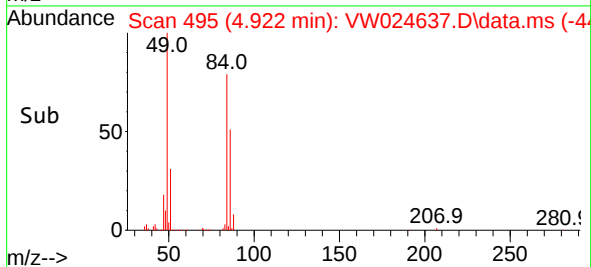
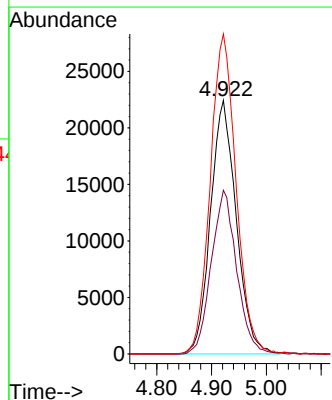
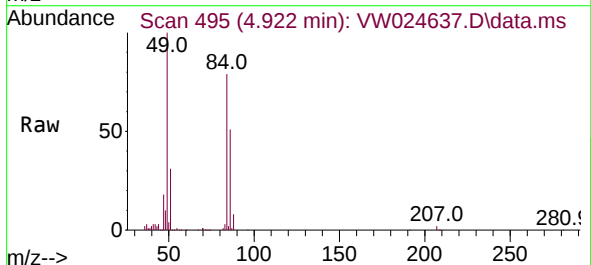
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

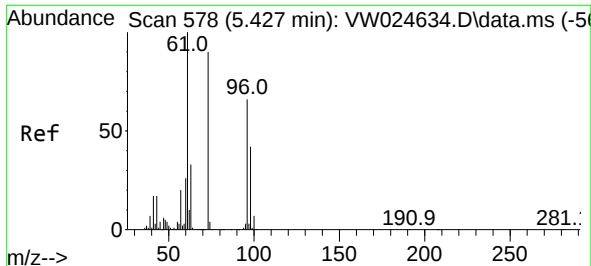
Tgt Ion: 43 Resp: 18142
Ion Ratio Lower Upper
43 100
74 17.3 18.1 27.1#



#16
Methylene chloride
Concen: 5.652 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt Ion: 84 Resp: 73195
Ion Ratio Lower Upper
84 100
86 64.5 44.0 81.8
49 126.2 87.4 162.2

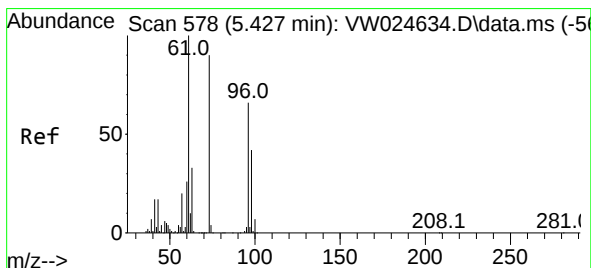
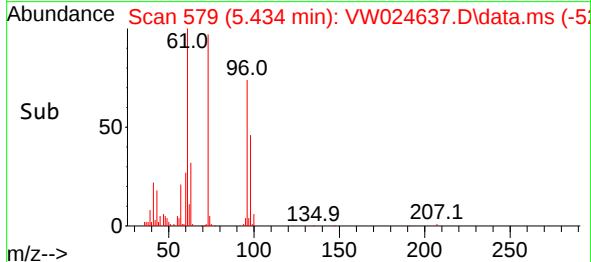
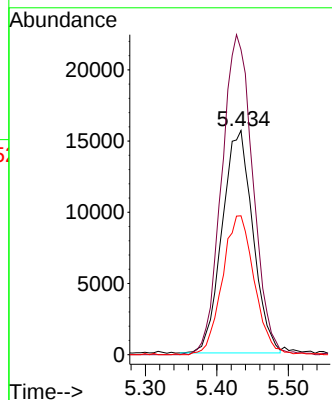
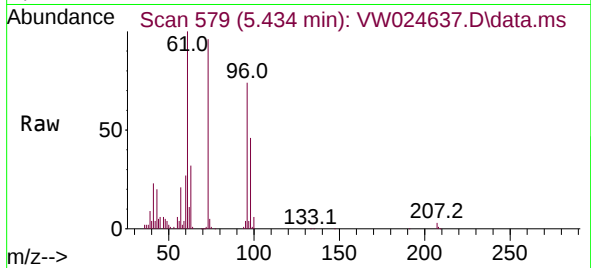




#17
trans-1,2-Dichloroethene
Concen: 4.819 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

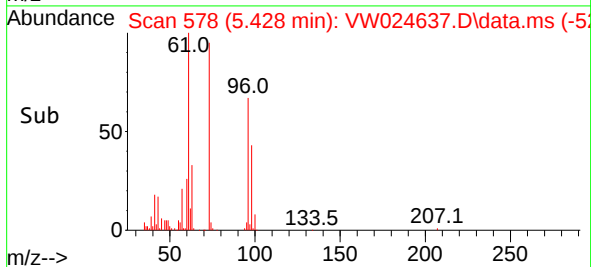
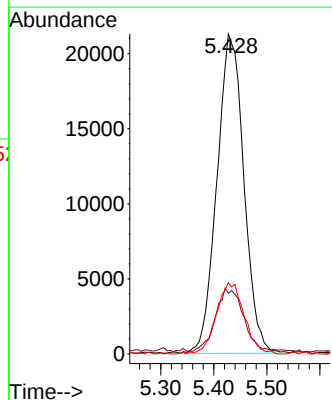
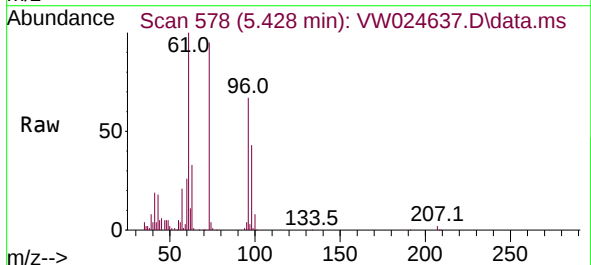
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

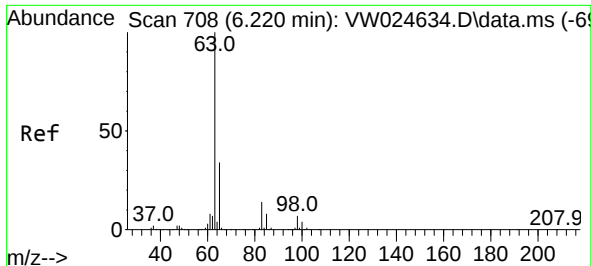
Tgt Ion: 96 Resp: 46634
Ion Ratio Lower Upper
96 100
61 136.0 106.3 197.5
98 61.9 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 4.885 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt Ion: 73 Resp: 75002
Ion Ratio Lower Upper
73 100
43 10.2 15.6 23.4#
57 22.6 18.3 27.5





#19

1,1-Dichloroethane

Concen: 4.807 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

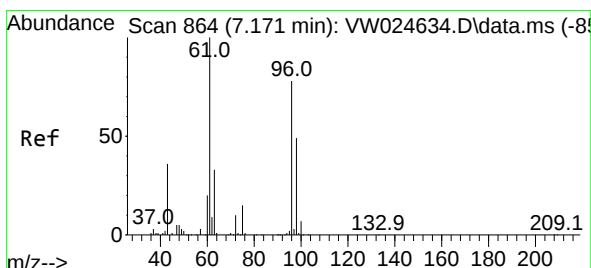
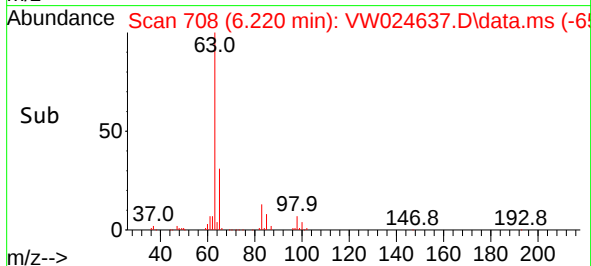
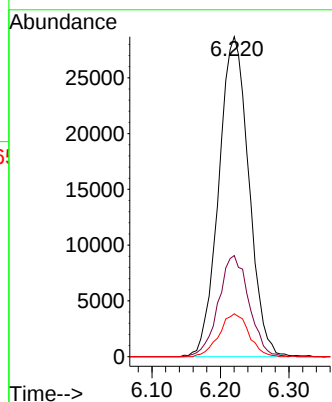
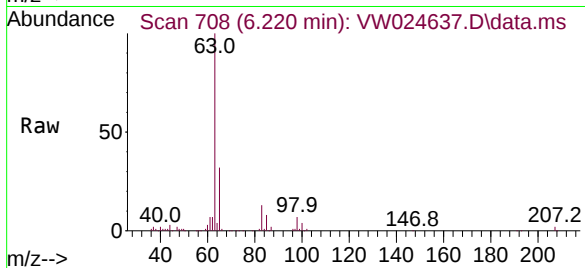
Tgt Ion: 63 Resp: 87178

Ion Ratio Lower Upper

63 100

65 31.6 23.7 43.9

83 13.4 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 4.812 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

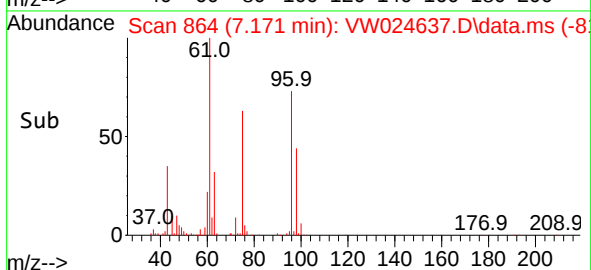
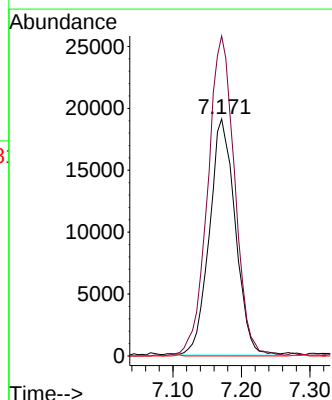
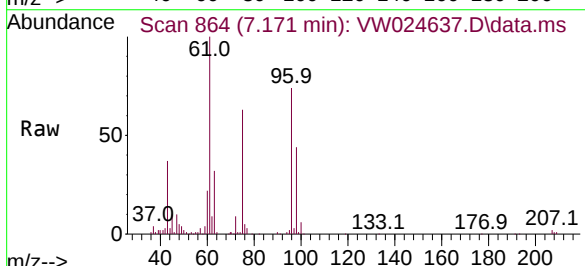
Tgt Ion: 96 Resp: 50035

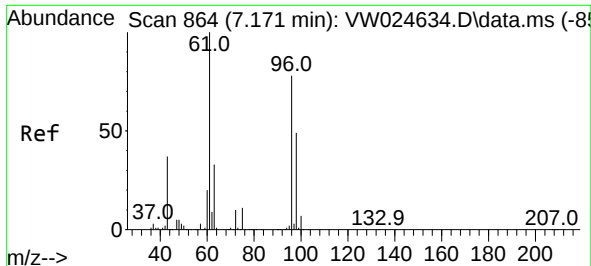
Ion Ratio Lower Upper

96 100

61 135.1 90.2 167.4

68 0.0 0.0 0.0

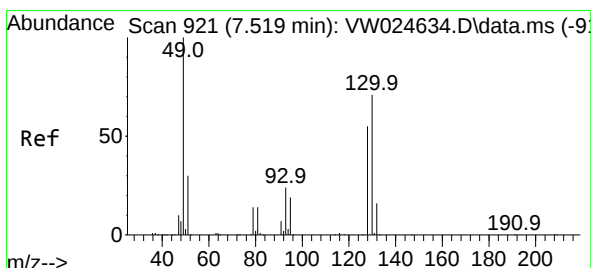
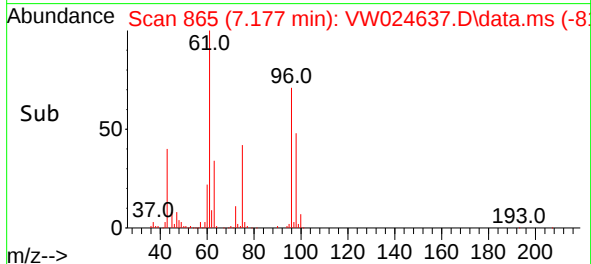
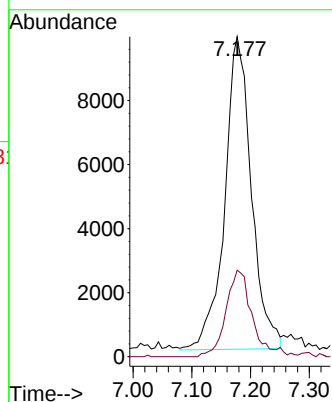
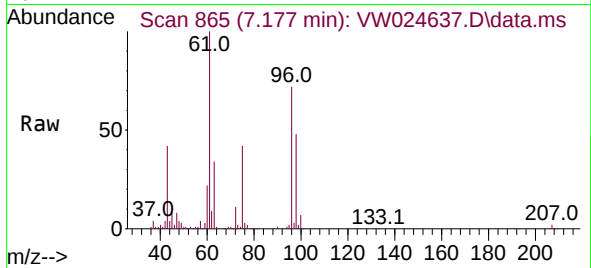




#22
2-Butanone
Concen: 10.658 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

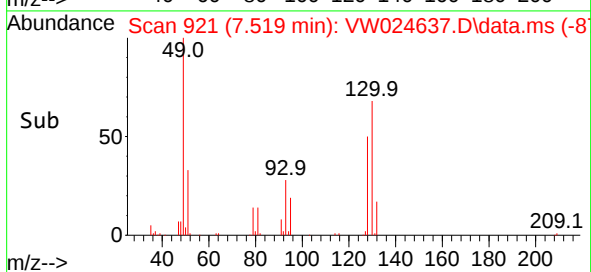
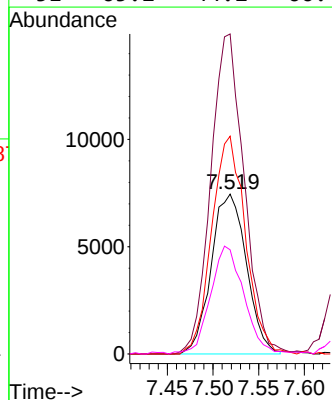
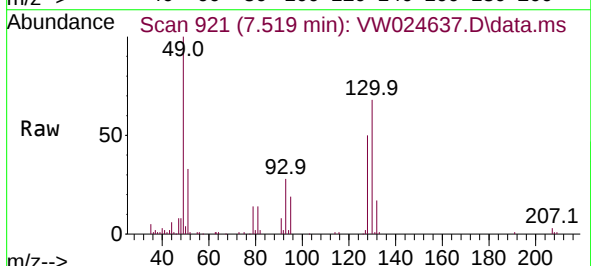
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

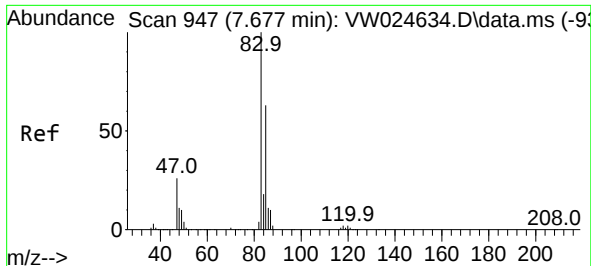
Tgt Ion: 43 Resp: 30880
Ion Ratio Lower Upper
43 100
72 26.3 13.8 41.3



#23
Bromochloromethane
Concen: 4.736 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt Ion: 128 Resp: 20018
Ion Ratio Lower Upper
128 100
49 200.1 127.3 236.3
130 136.2 90.2 167.4
51 65.2 44.2 66.4

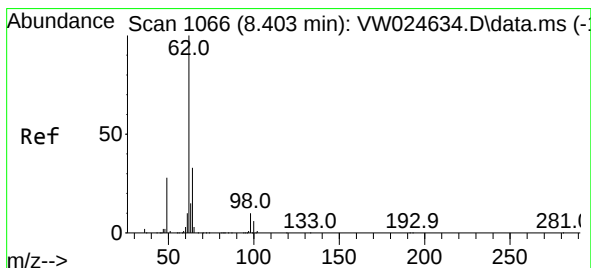
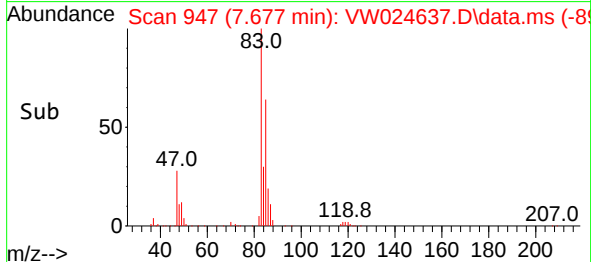
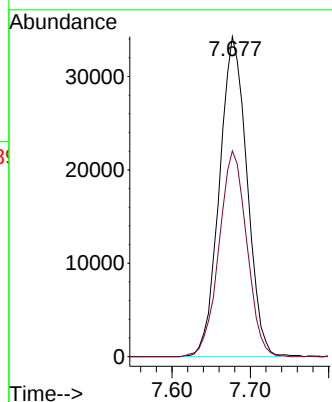
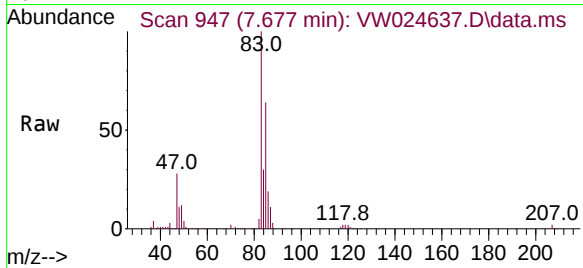




#25
Chloroform
Concen: 4.865 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

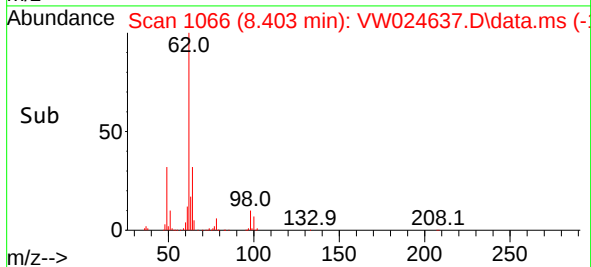
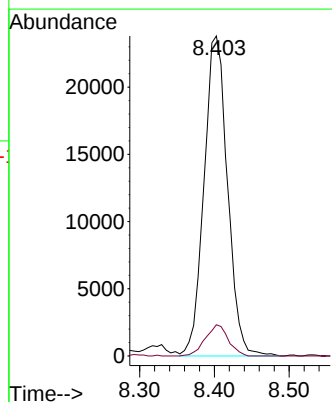
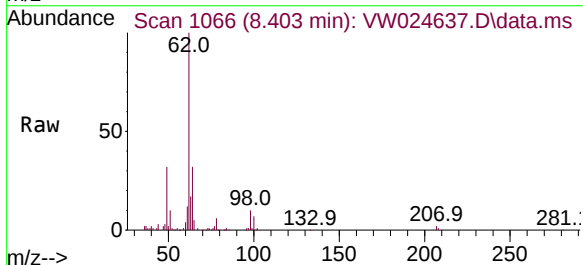
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

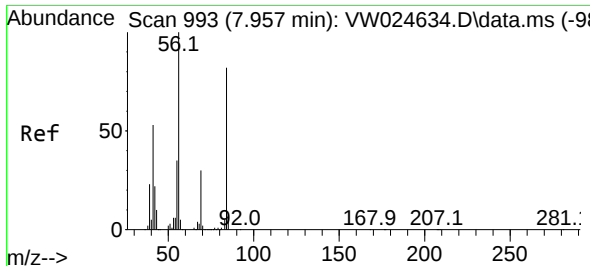
Tgt Ion: 83 Resp: 83657
Ion Ratio Lower Upper
83 100
85 64.3 44.0 81.8



#27
1,2-Dichloroethane
Concen: 4.803 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt Ion: 62 Resp: 51968
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#29

Cyclohexane

Concen: 4.818 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

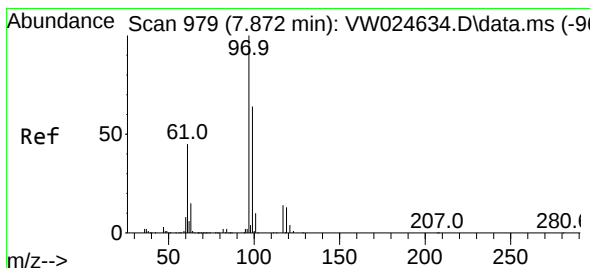
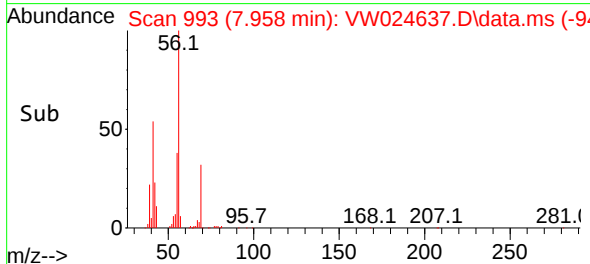
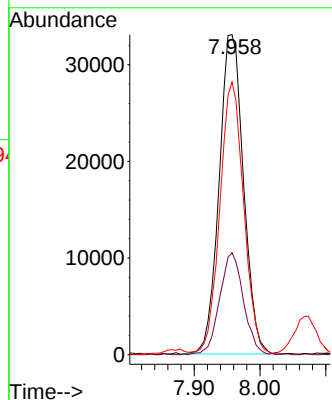
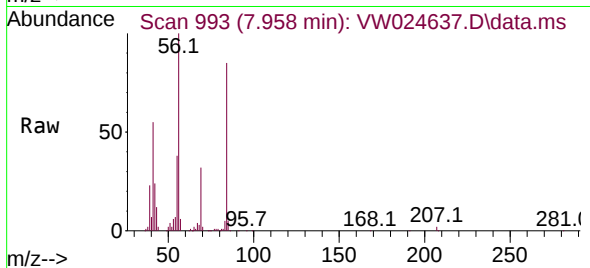
Tgt Ion: 56 Resp: 85370

Ion Ratio Lower Upper

56 100

69 31.1 25.0 37.4

84 83.8 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 4.968 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

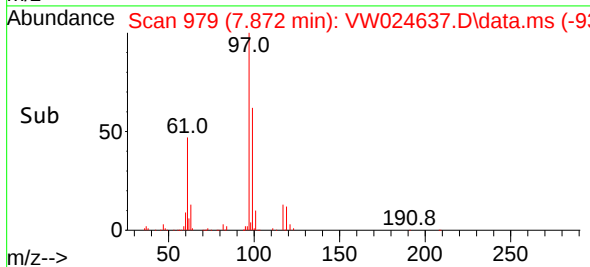
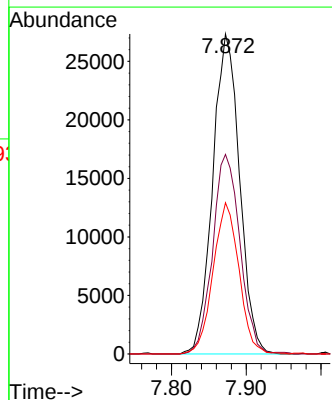
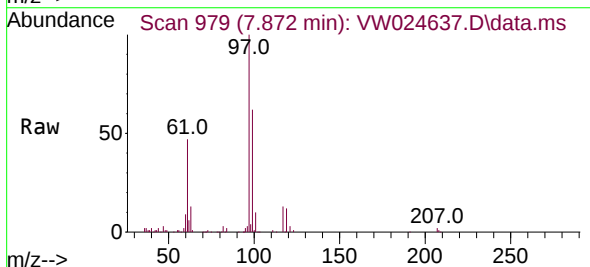
Tgt Ion: 97 Resp: 68345

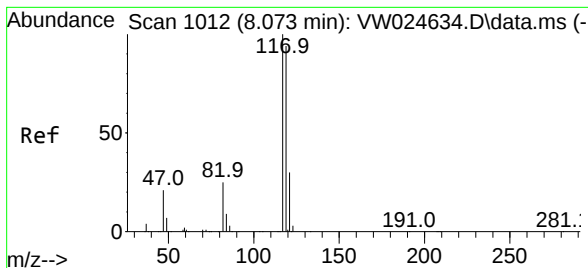
Ion Ratio Lower Upper

97 100

99 63.2 51.1 76.7

61 45.4 35.8 53.6

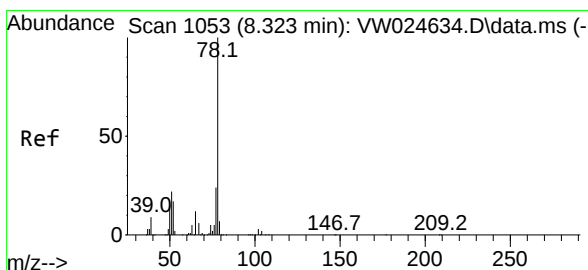
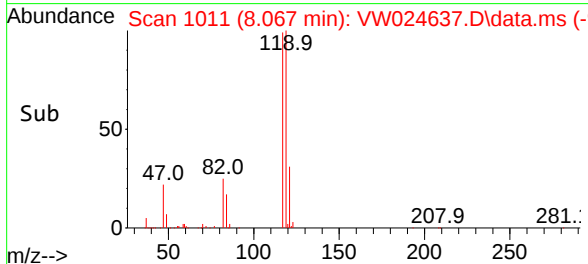
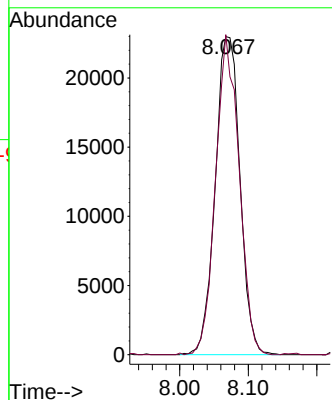
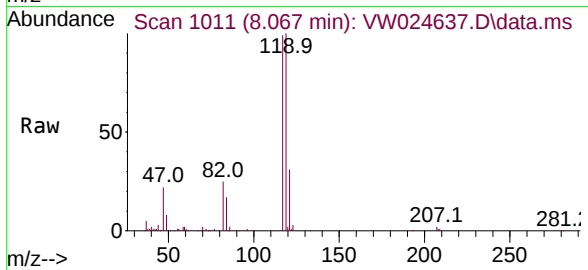




#31
Carbon tetrachloride
Concen: 4.936 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

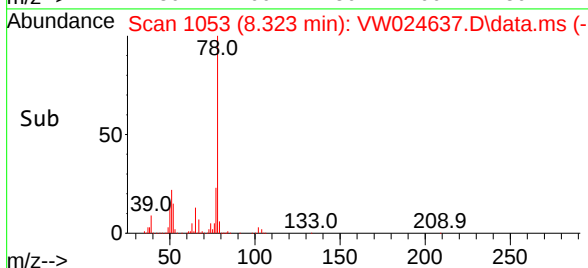
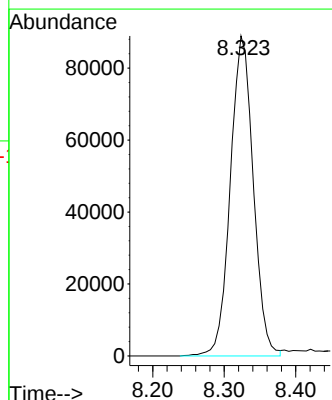
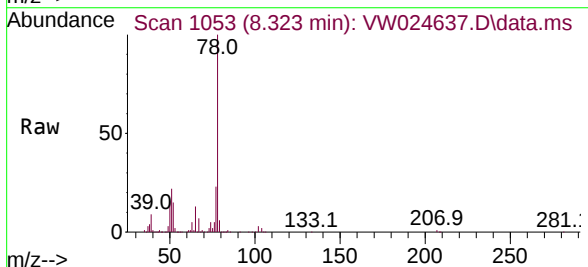
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

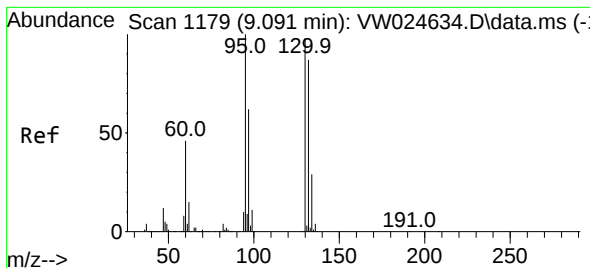
Tgt Ion:117 Resp: 57496
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.2



#33
Benzene
Concen: 4.990 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt Ion: 78 Resp: 198541





#34

Trichloroethene

Concen: 4.932 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

Tgt Ion: 95 Resp: 49739

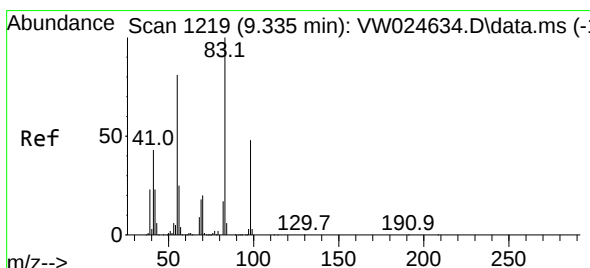
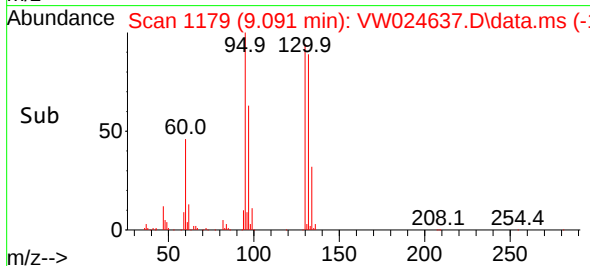
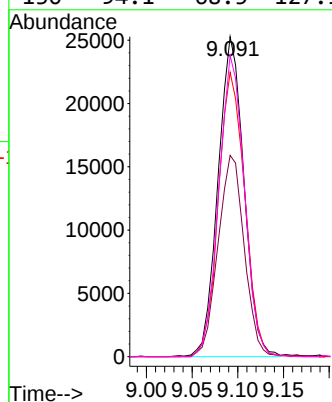
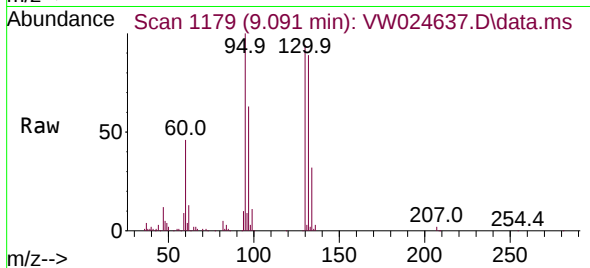
Ion Ratio Lower Upper

95 100

97 62.9 43.5 80.9

132 88.9 61.2 113.8

130 94.1 68.5 127.1



#35

Methylcyclohexane

Concen: 4.782 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

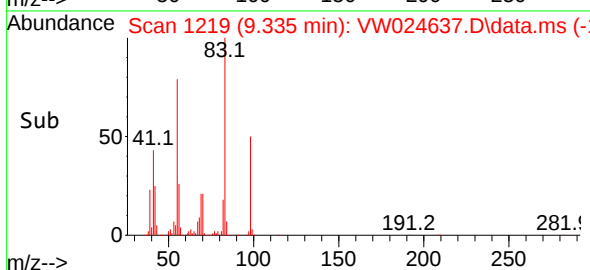
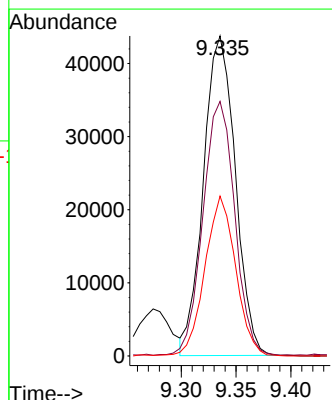
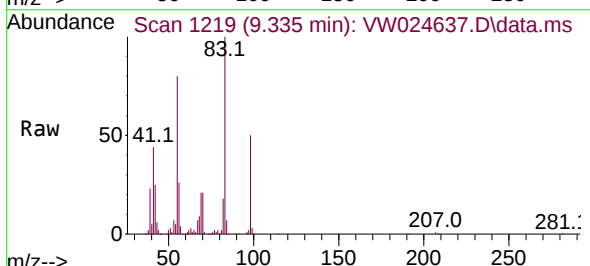
Tgt Ion: 83 Resp: 88405

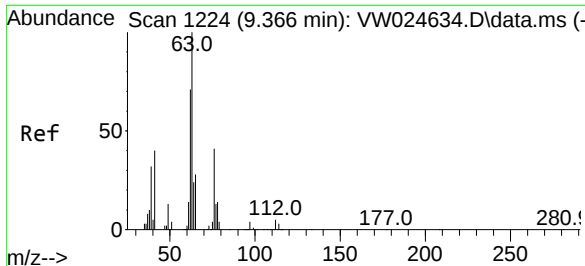
Ion Ratio Lower Upper

83 100

55 79.5 63.1 94.7

98 48.3 38.3 57.5





#37

1,2-Dichloropropane

Concen: 4.901 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

Instrument :

MSVOA_W

ClientSampleId :

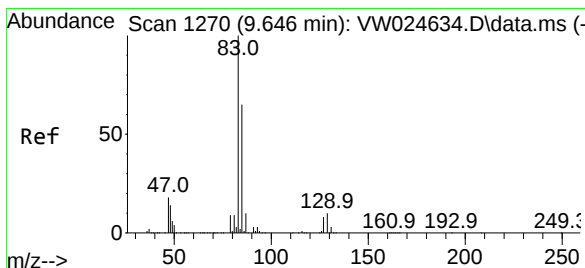
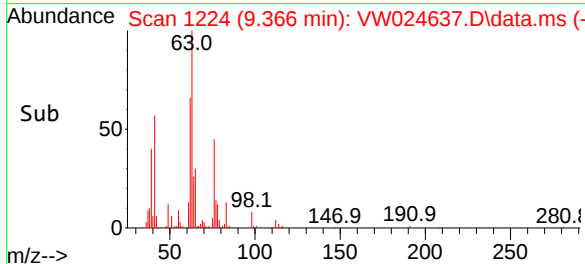
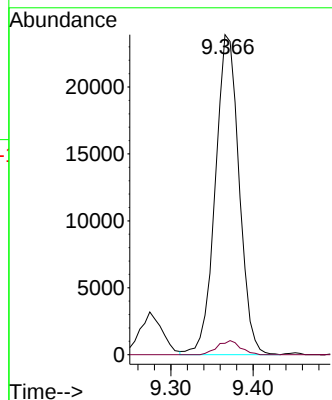
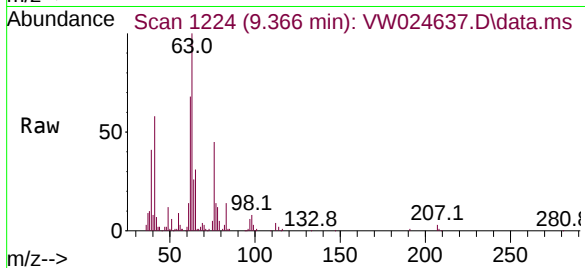
VSTD005452

Tgt Ion: 63 Resp: 48139

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 4.872 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

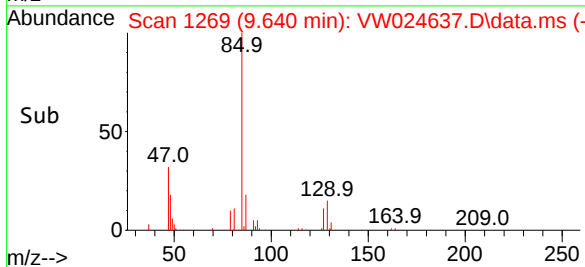
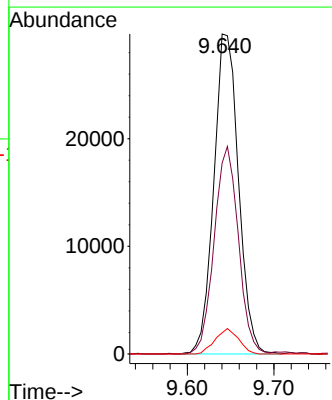
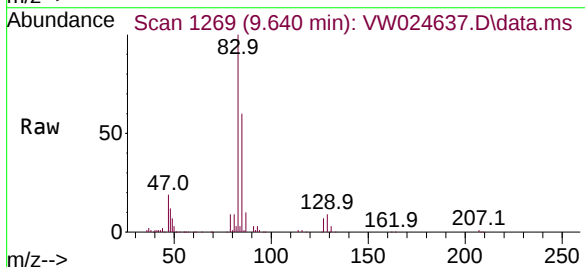
Tgt Ion: 83 Resp: 58863

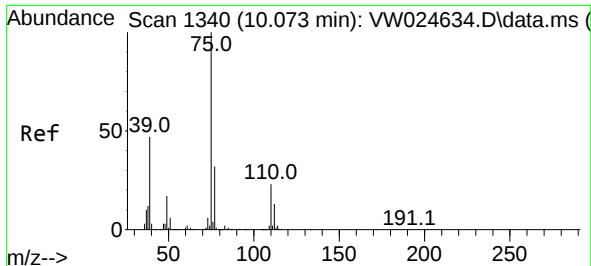
Ion Ratio Lower Upper

83 100

85 59.7 45.6 84.8

127 6.6 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 4.769 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

Instrument :

MSVOA_W

ClientSampleId :

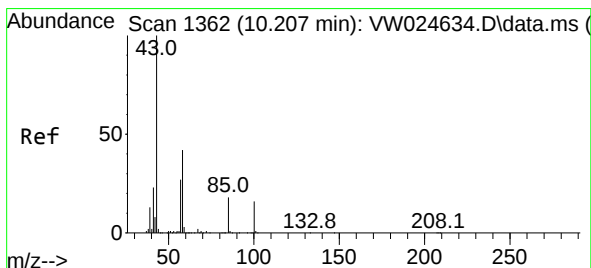
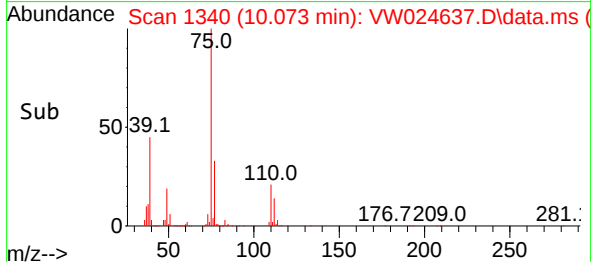
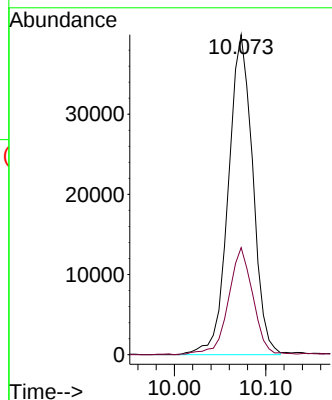
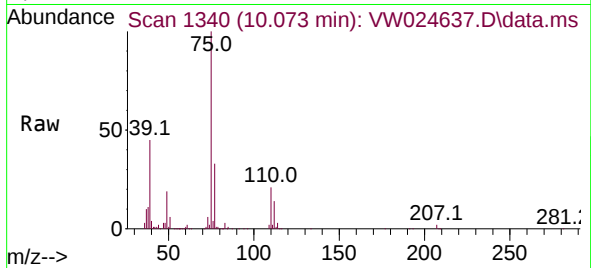
VSTD005452

Tgt Ion: 75 Resp: 74077

Ion Ratio Lower Upper

75 100

77 33.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 9.350 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

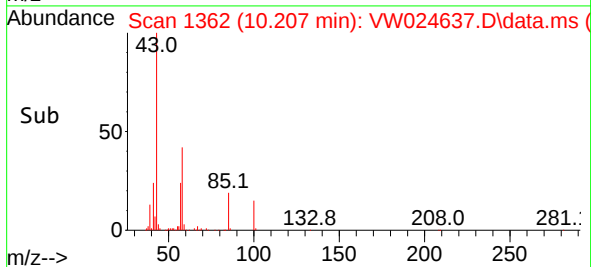
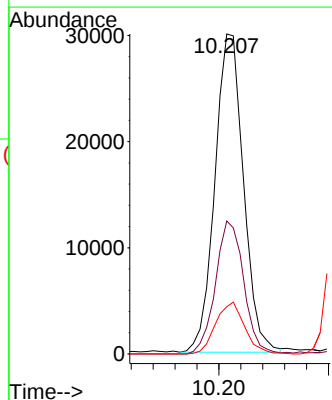
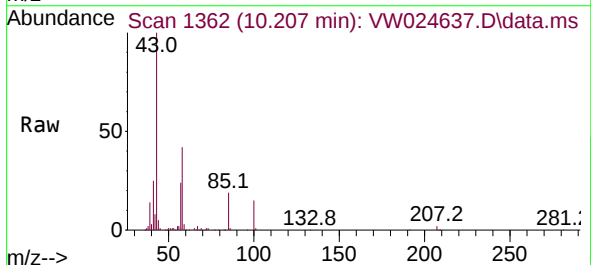
Tgt Ion: 43 Resp: 54364

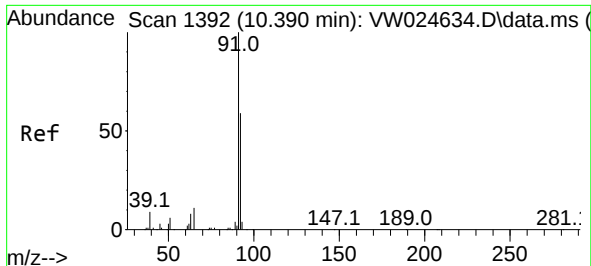
Ion Ratio Lower Upper

43 100

58 41.3 32.9 49.3

100 16.4 12.6 19.0

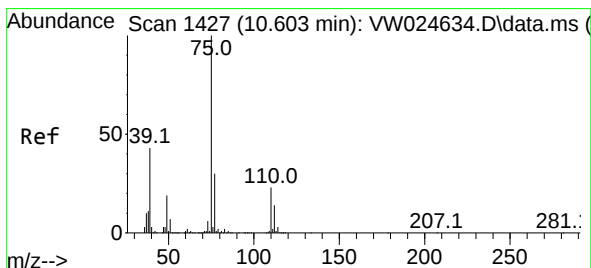
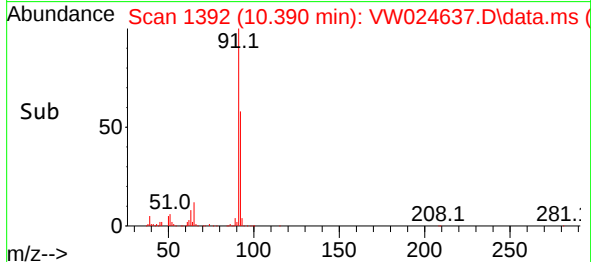
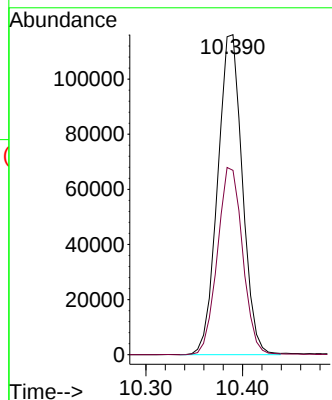
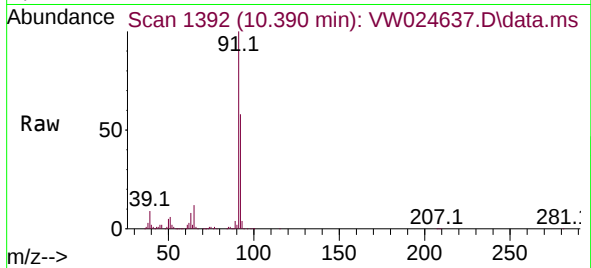




#42
Toluene
Concen: 5.009 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

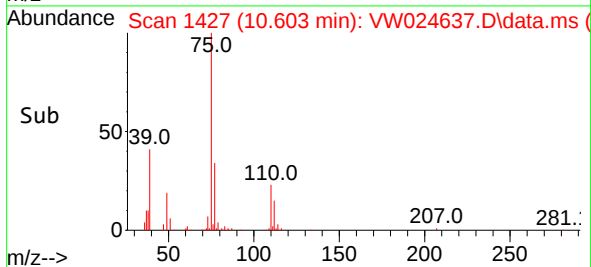
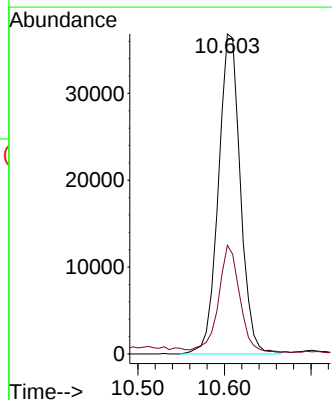
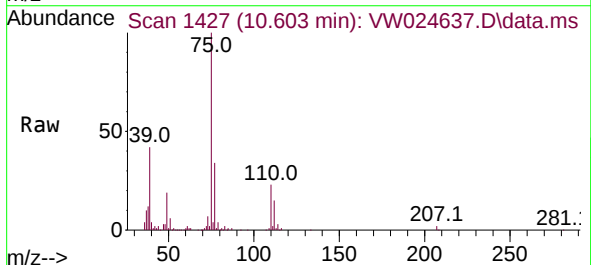
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

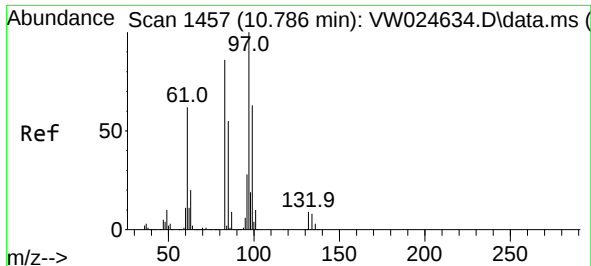
Tgt Ion: 91 Resp: 205817
Ion Ratio Lower Upper
91 100
92 57.6 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 4.878 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt Ion: 75 Resp: 64960
Ion Ratio Lower Upper
75 100
77 34.0 21.3 39.6

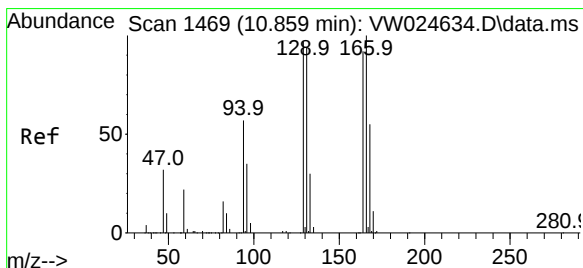
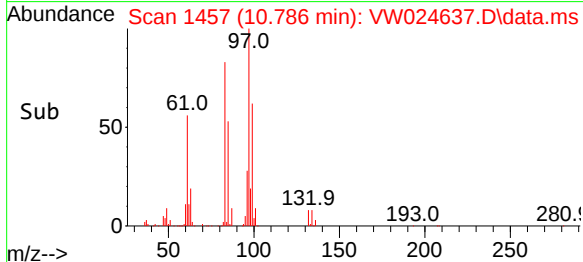
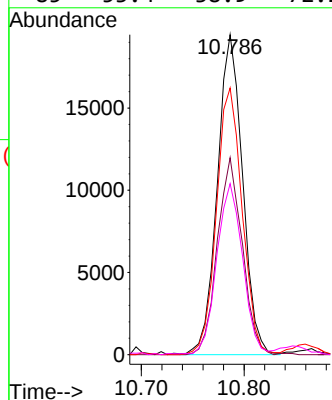
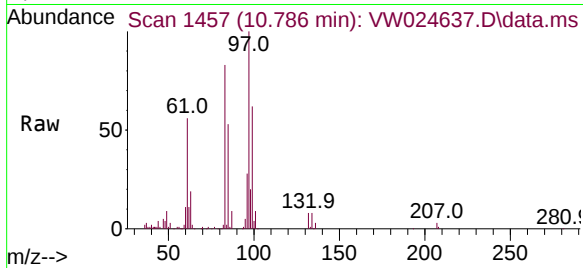




#45
1,1,2-Trichloroethane
Concen: 4.941 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

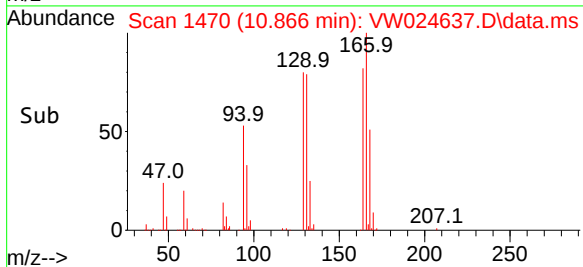
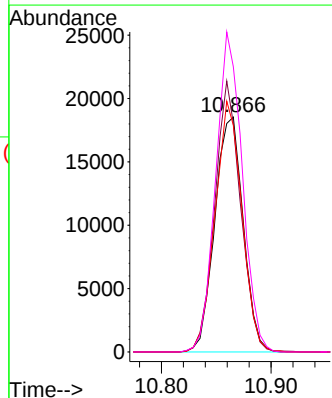
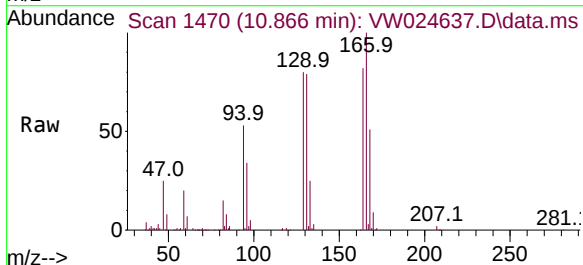
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

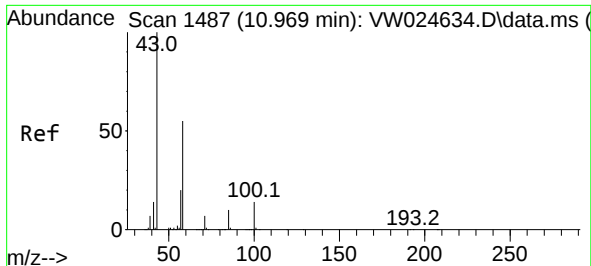
Tgt Ion: 97	Resp: 33150
Ion Ratio	Lower Upper
97 100	
99 61.6	43.8 81.4
83 83.4	60.1 111.5
85 53.4	38.9 72.2



#46
Tetrachloroethene
Concen: 4.873 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt	Ion:164	Resp:	33390
Ion	Ratio	Lower	Upper
164	100		
129	97.3	74.1	137.5
131	96.5	71.5	132.7
166	121.5	76.3	141.7

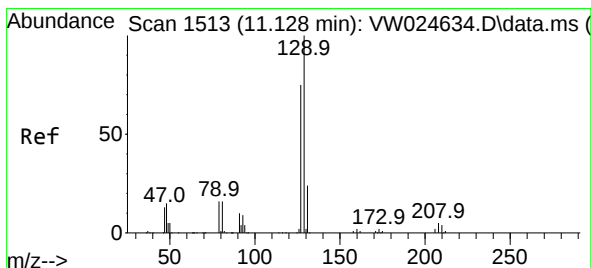
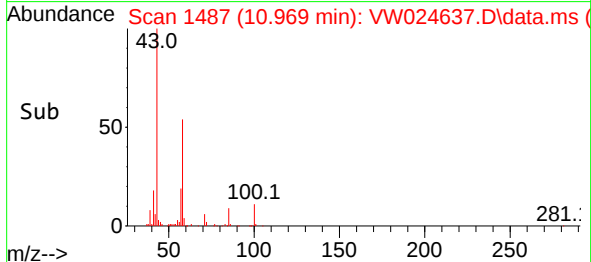
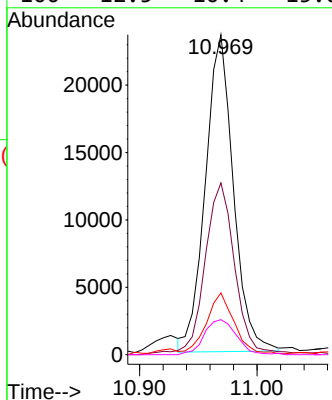
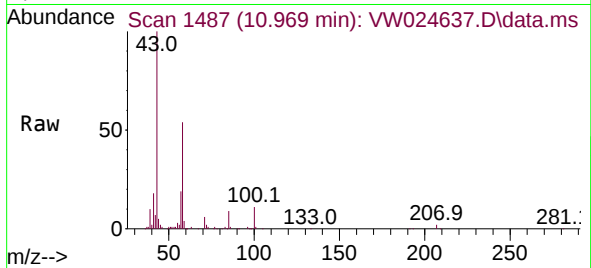




#48
2-Hexanone
Concen: 9.946 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

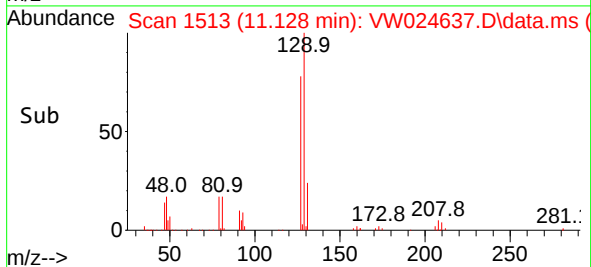
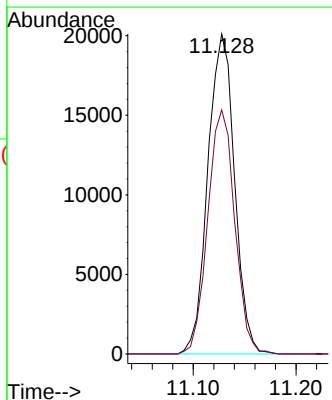
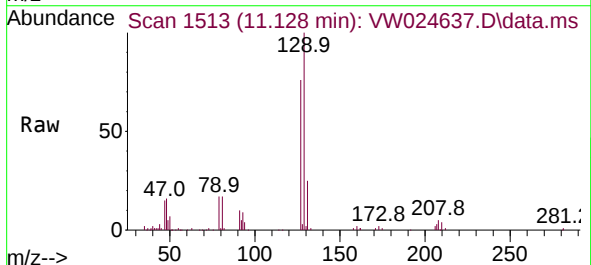
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

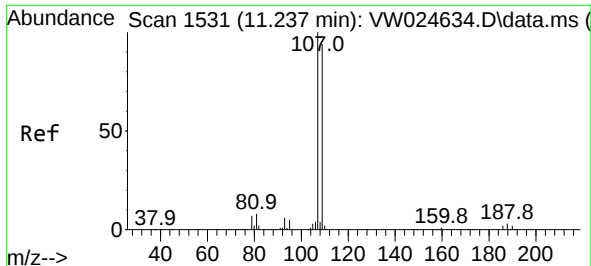
Tgt Ion: 43	Resp:	39104	
Ion	Ratio	Lower	Upper
43	100		
58	57.7	45.3	67.9
57	19.3	16.3	24.5
100	12.5	10.4	15.6



#49
Dibromochloromethane
Concen: 4.802 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt Ion:129	Resp:	36281	
Ion	Ratio	Lower	Upper
129	100		
127	76.3	52.4	97.4





#50

1,2-Dibromoethane

Concen: 4.817 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

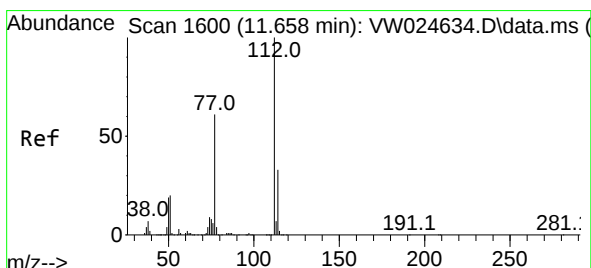
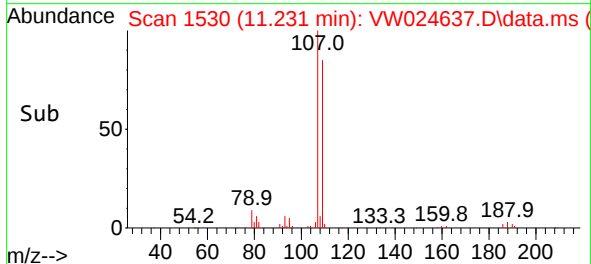
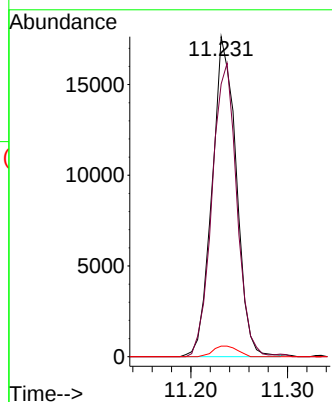
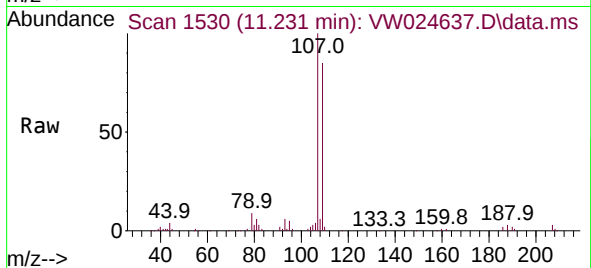
Tgt Ion:107 Resp: 30593

Ion Ratio Lower Upper

107 100

109 85.2 65.5 121.7

188 3.3 2.4 3.6



#51

Chlorobenzene

Concen: 4.935 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

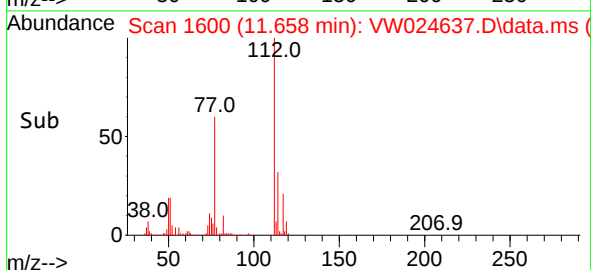
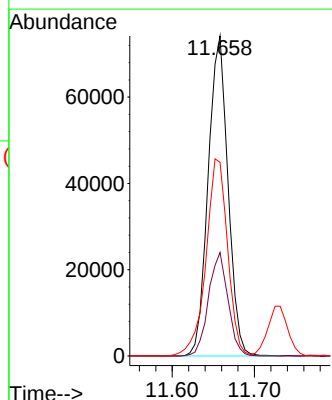
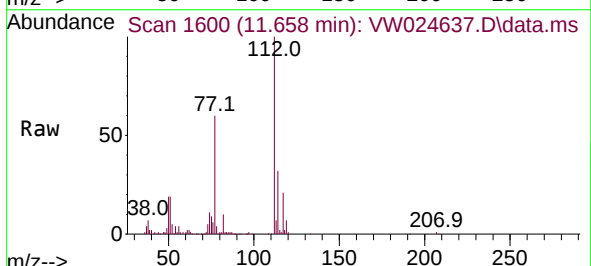
Tgt Ion:112 Resp: 124165

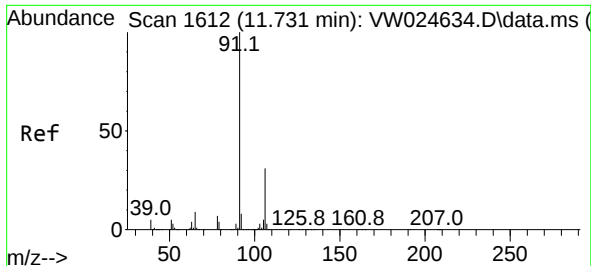
Ion Ratio Lower Upper

112 100

114 32.3 23.3 43.3

77 60.5 49.1 73.7

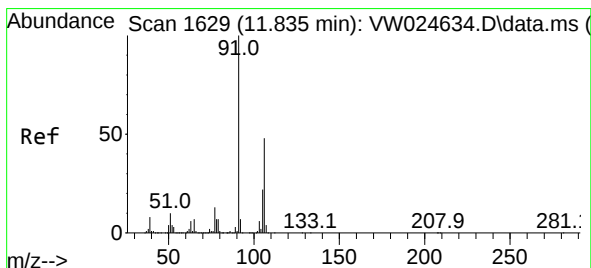
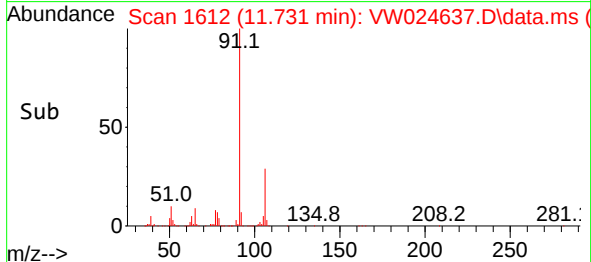
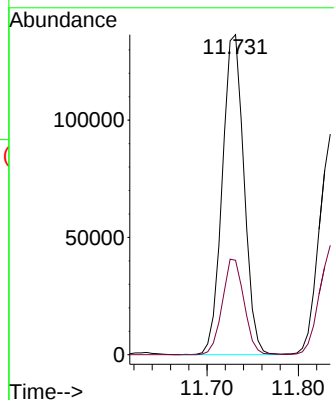
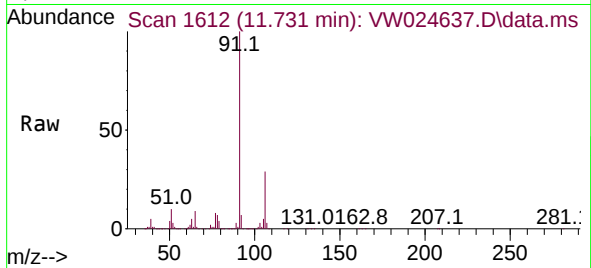




#52
Ethylbenzene
Concen: 4.980 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

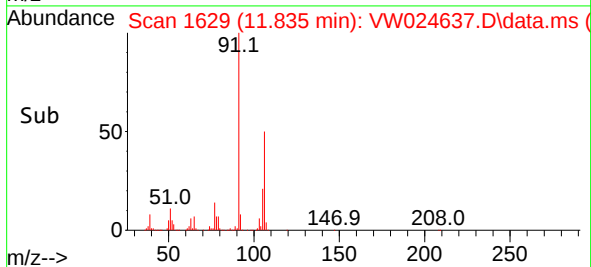
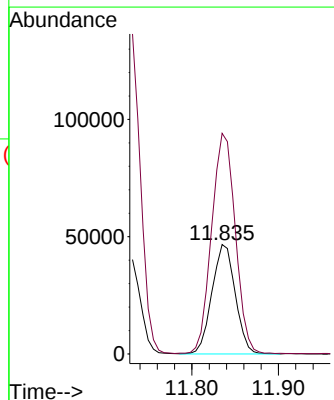
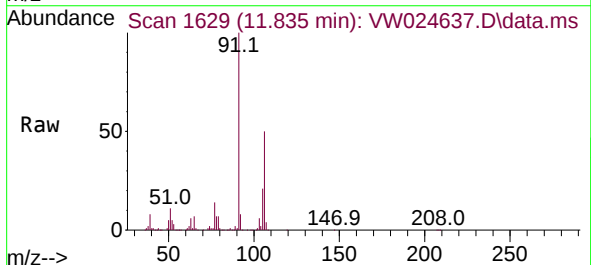
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

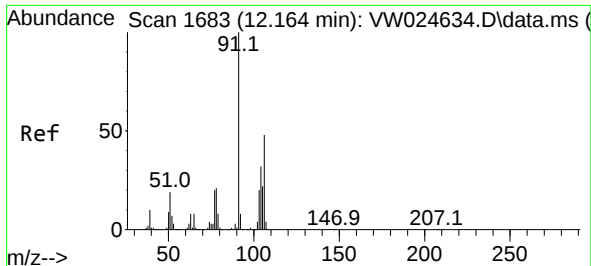
Tgt Ion: 91 Resp: 225398
Ion Ratio Lower Upper
91 100
106 29.5 21.5 39.9



#53
m,p-Xylene
Concen: 4.936 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt Ion:106 Resp: 87241
Ion Ratio Lower Upper
106 100
91 201.7 146.8 272.6

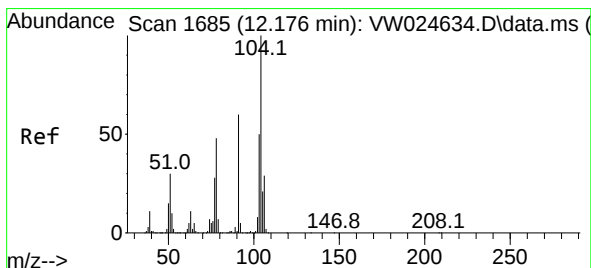
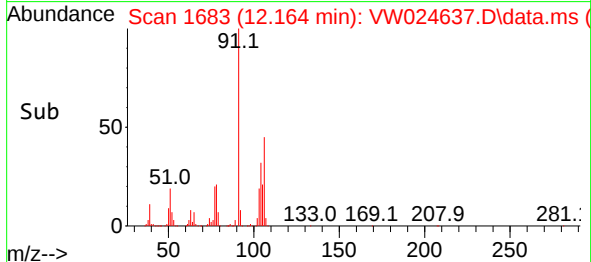
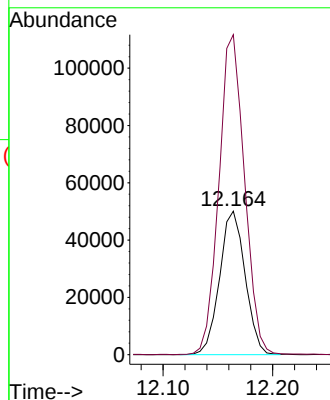
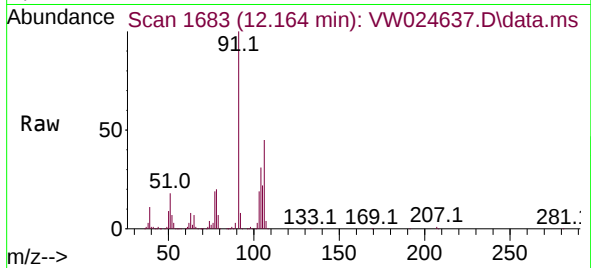




#54
o-Xylene
Concen: 4.862 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

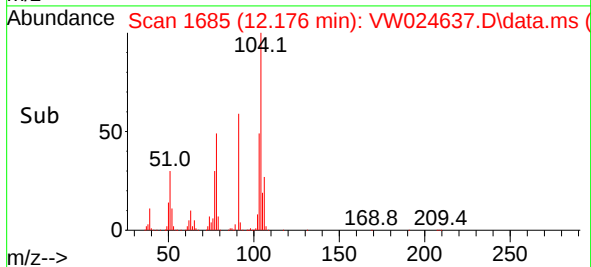
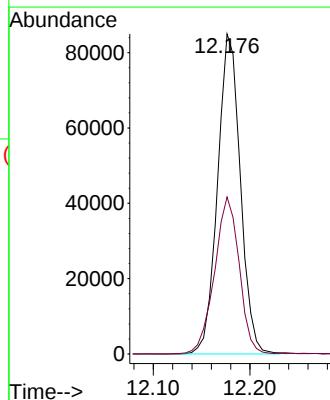
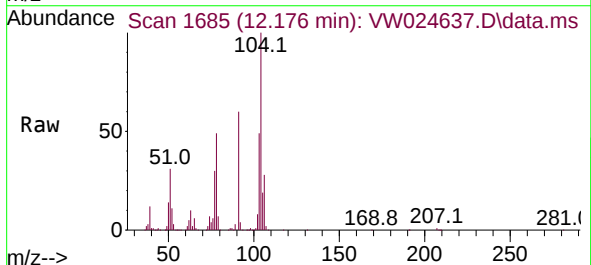
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

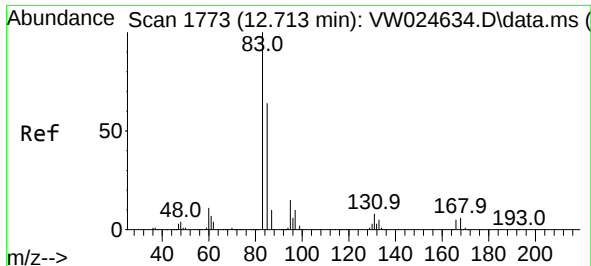
Tgt Ion:106 Resp: 81151
Ion Ratio Lower Upper
106 100
91 223.0 146.3 271.7



#55
Styrene
Concen: 4.931 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt Ion:104 Resp: 138726
Ion Ratio Lower Upper
104 100
78 49.0 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.847 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

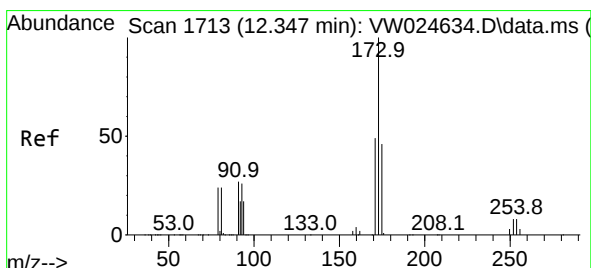
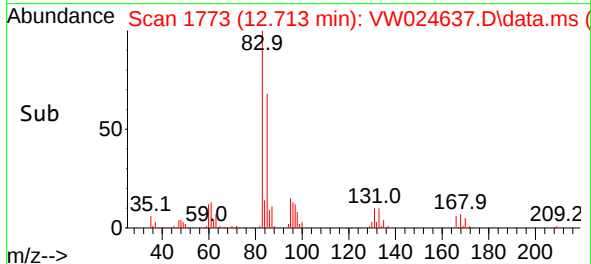
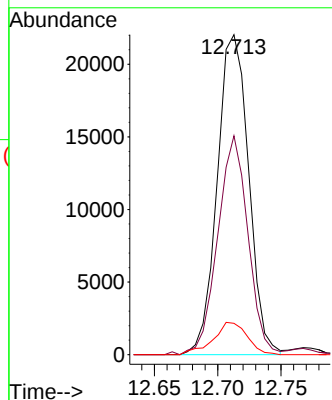
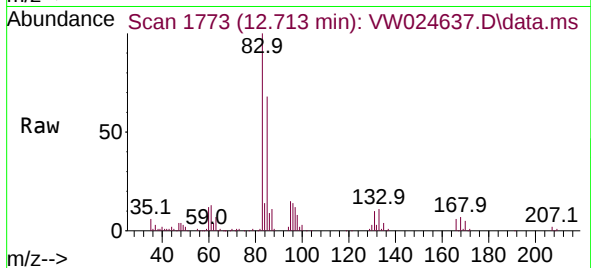
Tgt Ion: 83 Resp: 38075

Ion Ratio Lower Upper

83 100

85 68.4 45.2 84.0

131 9.8 7.3 10.9



#59

Bromoform

Concen: 4.671 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

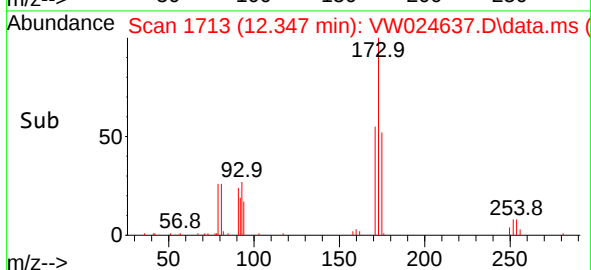
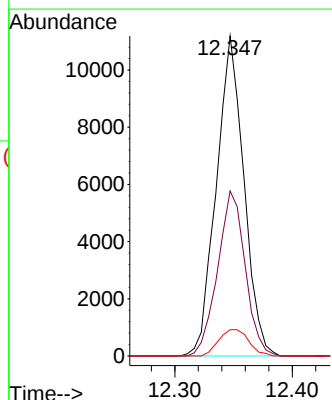
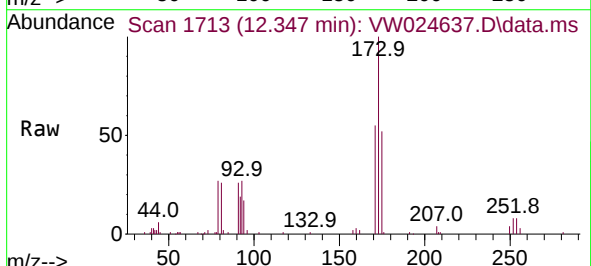
Tgt Ion: 173 Resp: 18231

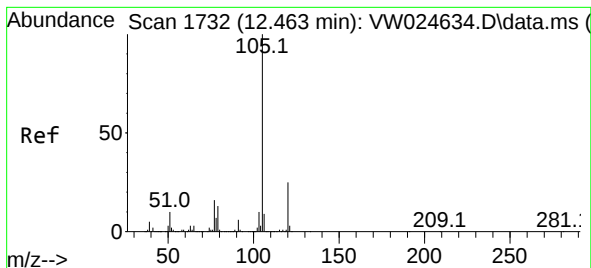
Ion Ratio Lower Upper

173 100

175 51.5 37.7 56.5

254 9.0 6.7 10.1





#60

Isopropylbenzene

Concen: 4.868 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

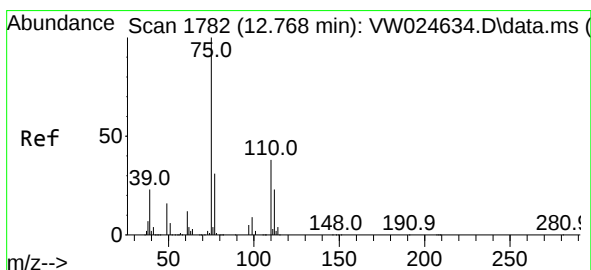
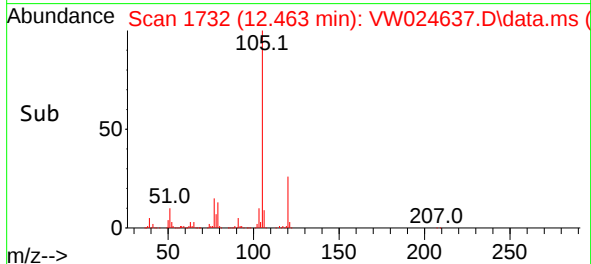
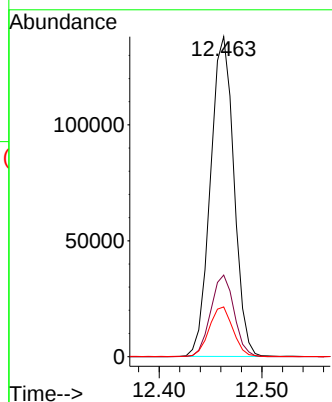
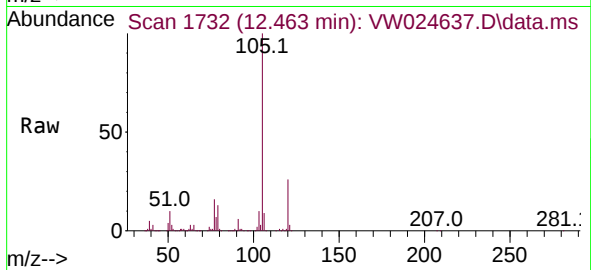
Tgt Ion:105 Resp: 219062

Ion Ratio Lower Upper

105 100

120 25.4 20.9 31.3

77 15.9 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 4.838 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

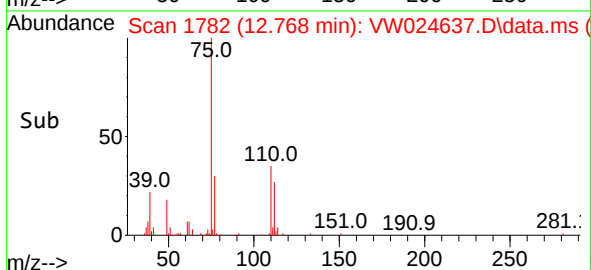
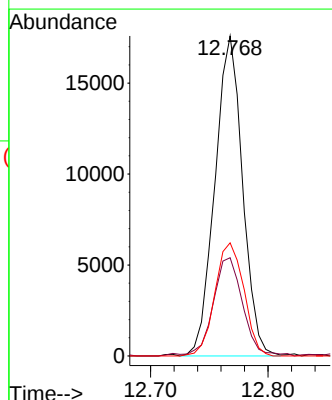
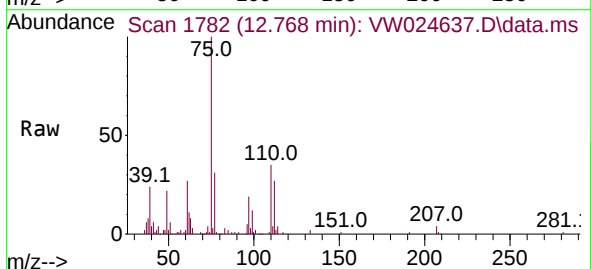
Tgt Ion: 75 Resp: 28775

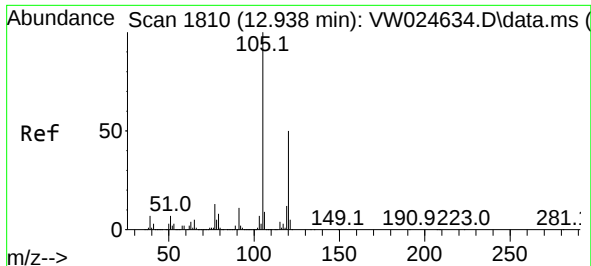
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

110 36.9 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 4.803 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

Instrument :

MSVOA_W

ClientSampleId :

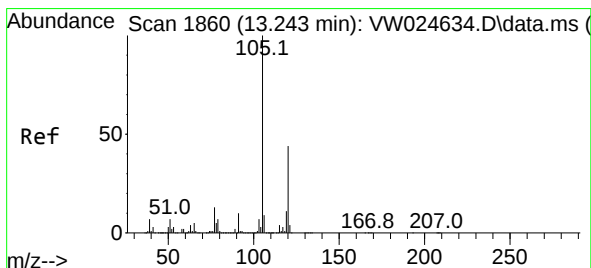
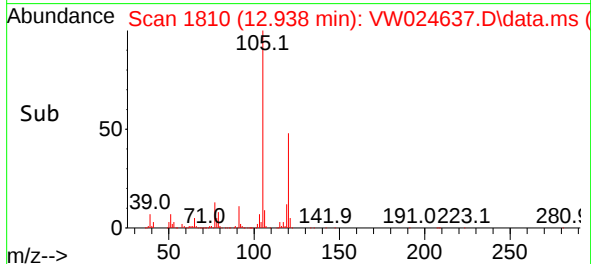
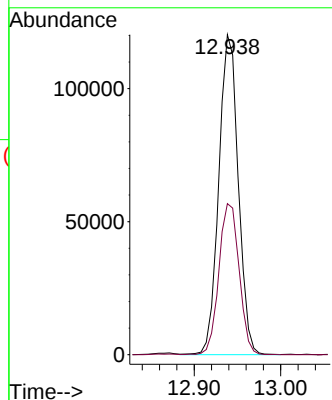
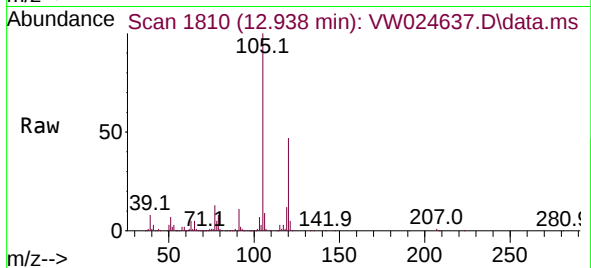
VSTD005452

Tgt Ion:105 Resp: 187867

Ion Ratio Lower Upper

105 100

120 49.0 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 4.897 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VW024637.D

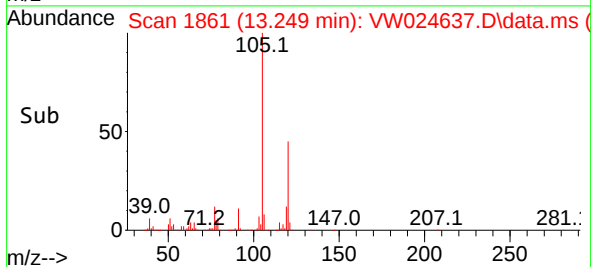
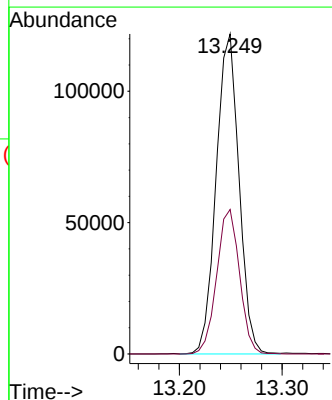
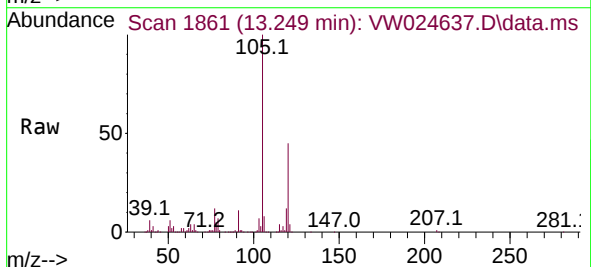
Acq: 26 Sep 2022 12:21

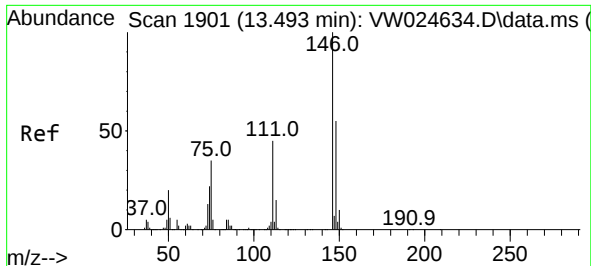
Tgt Ion:105 Resp: 187648

Ion Ratio Lower Upper

105 100

120 45.1 35.2 52.8

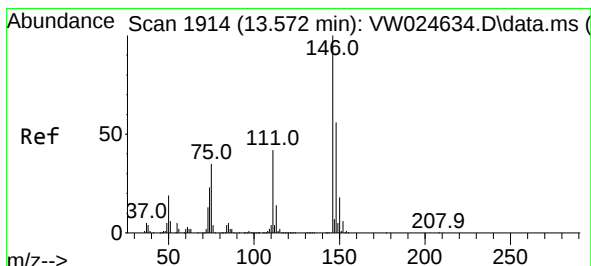
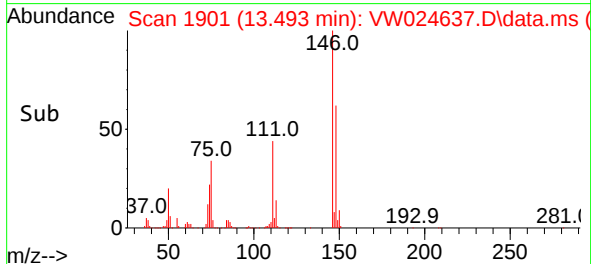
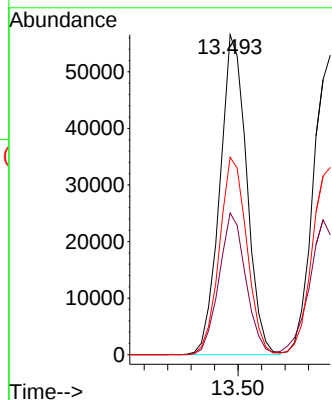
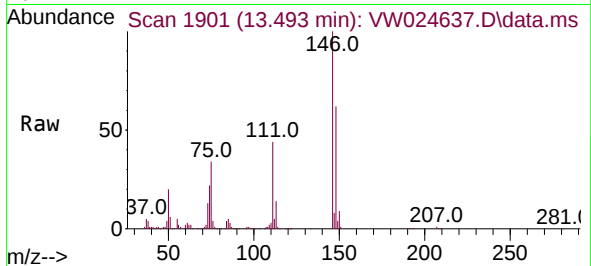




#64
1,3-Dichlorobenzene
Concen: 4.905 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

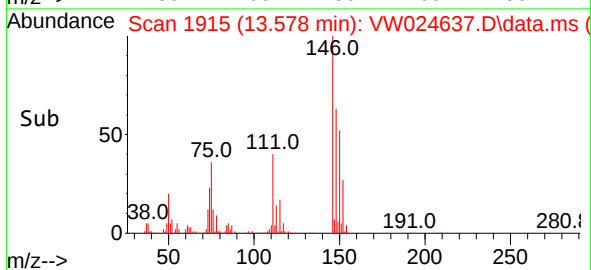
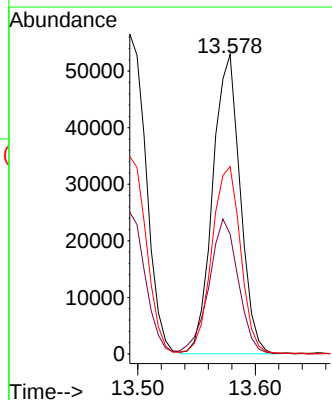
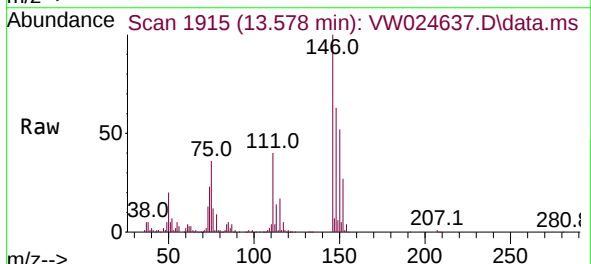
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

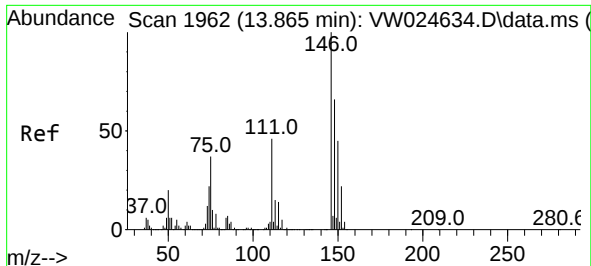
Tgt Ion:146 Resp: 89681
Ion Ratio Lower Upper
146 100
111 44.3 31.6 58.6
148 61.7 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 4.823 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt Ion:146 Resp: 85841
Ion Ratio Lower Upper
146 100
111 40.0 29.4 54.6
148 62.5 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 5.003 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

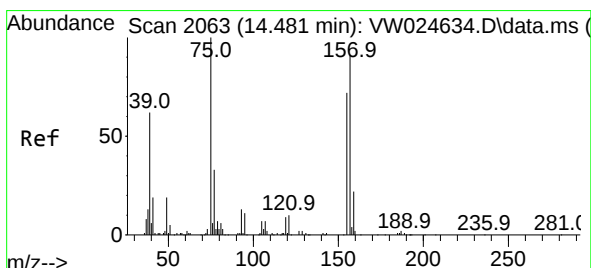
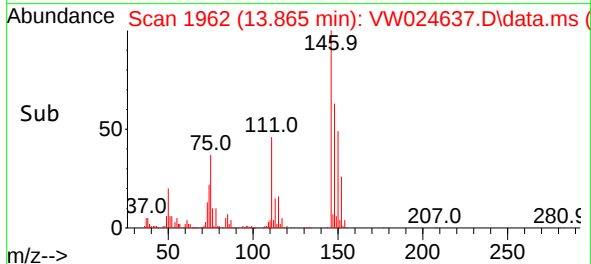
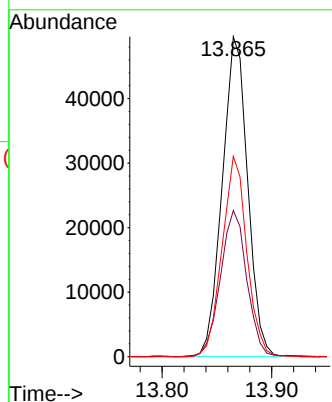
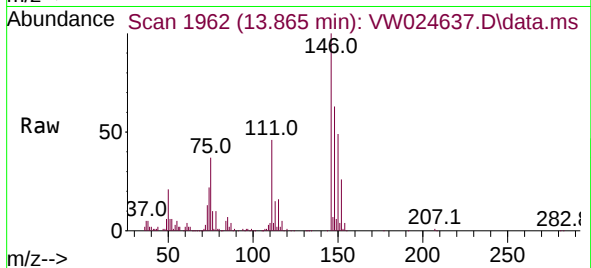
Tgt Ion:146 Resp: 79674

Ion Ratio Lower Upper

146 100

111 45.6 37.2 55.8

148 62.7 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.916 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024637.D

Acq: 26 Sep 2022 12:21

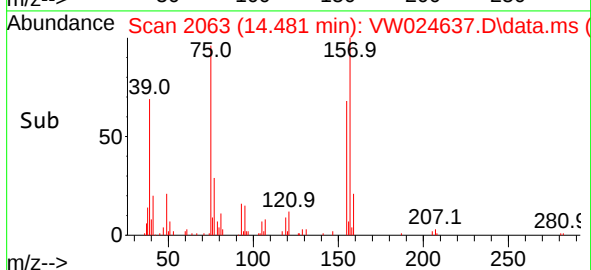
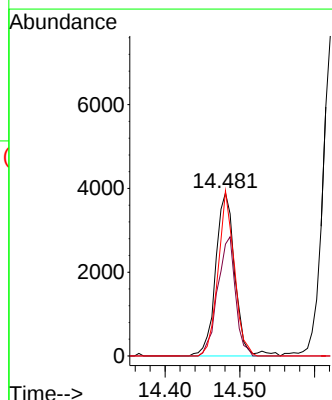
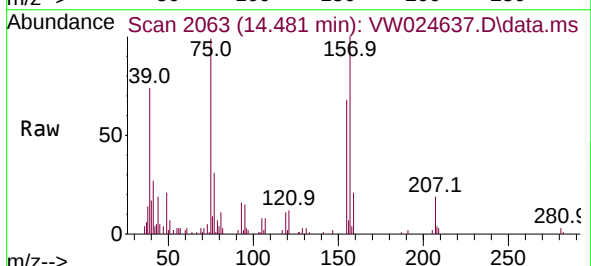
Tgt Ion: 75 Resp: 6914

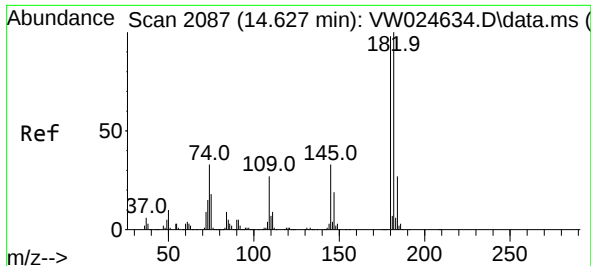
Ion Ratio Lower Upper

75 100

155 68.6 57.6 86.4

157 101.3 73.0 109.6

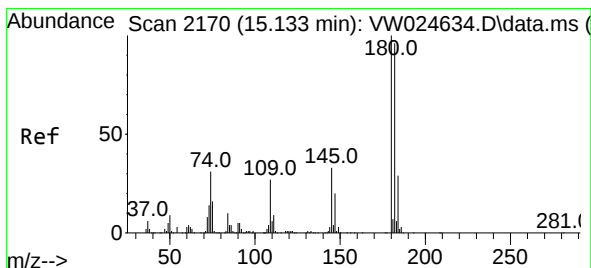
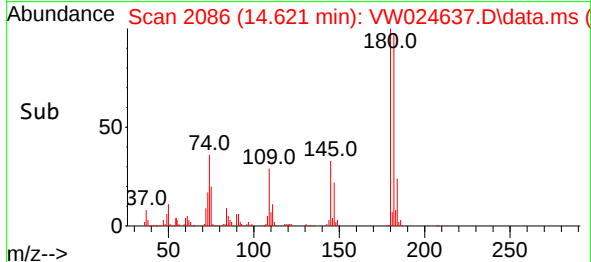
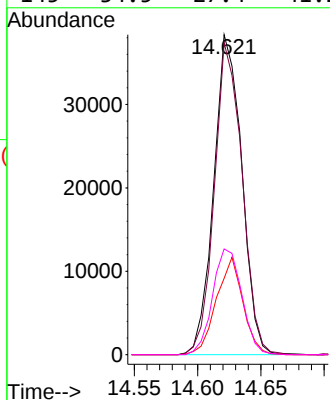
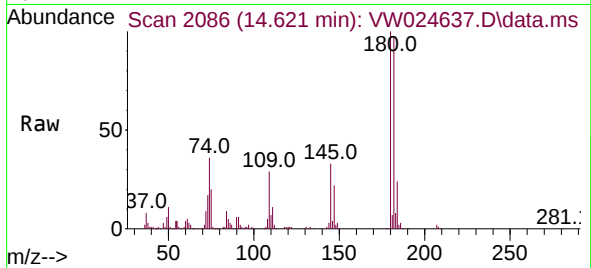




#69
1,3,5-Trichlorobenzene
Concen: 4.859 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

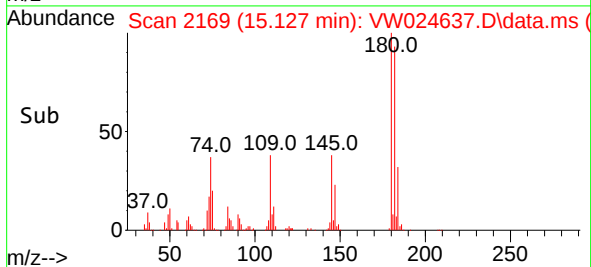
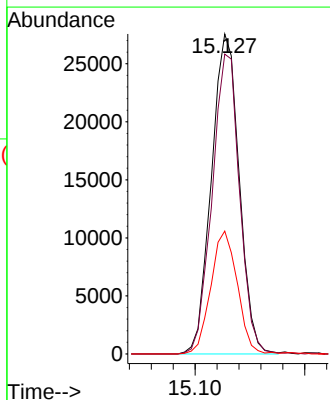
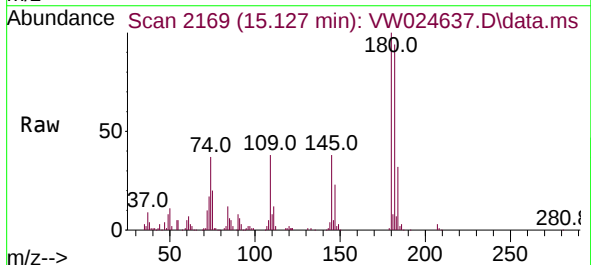
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

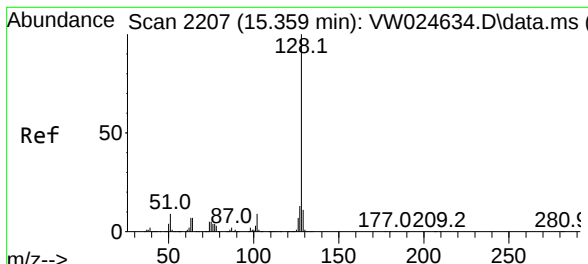
Tgt Ion:180	Resp:	58987
Ion Ratio	Lower	Upper
180	100	
182	96.4	77.1 115.7
184	28.9	23.3 34.9
145	34.5	27.4 41.2



#70
1,2,4-trichlorobenzene
Concen: 4.756 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt Ion:180	Resp:	48505
Ion Ratio	Lower	Upper
180	100	
182	92.6	76.8 115.2
145	36.7	29.0 43.4

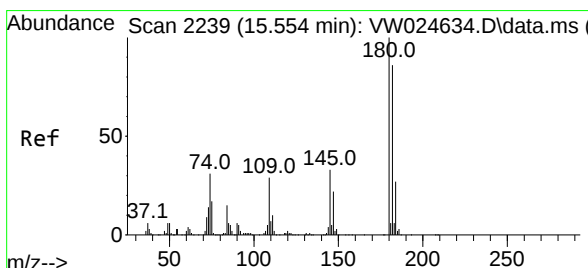
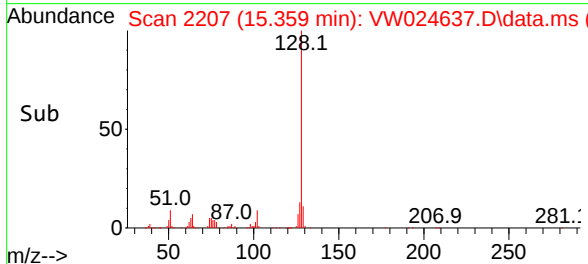
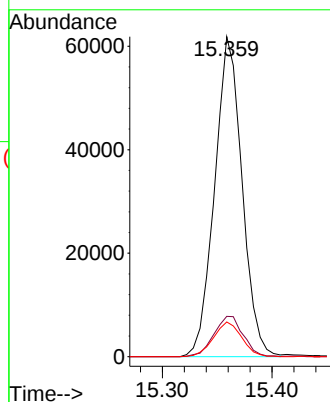
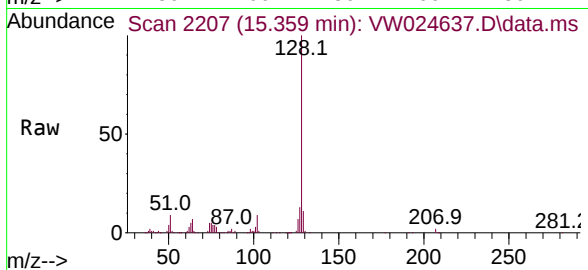




#71
Naphthalene
Concen: 4.849 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

Tgt Ion:128 Resp: 107672
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.2 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 4.983 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024637.D
Acq: 26 Sep 2022 12:21

Tgt Ion:180 Resp: 43251
Ion Ratio Lower Upper
180 100
182 93.0 77.4 116.2
145 36.9 30.6 45.8

