

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024632.D
 Acq On : 26 Sep 2022 09:55
 Operator : SY/VA
 Sample : VSTD2.547
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5447

Quant Time: Sep 27 00:49:10 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	681125	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	605934	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	287573	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	5907	0.829	ug/L	0.00
7) Chloroethane-d5	3.184	69	488	0.118	ug/L	0.29
11) 1,1-Dichloroethene-d2	4.032	63	36278	2.199	ug/L	0.00
21) 2-Butanone-d5	7.098	46	14274	5.611	ug/L	0.02
24) Chloroform-d	7.653	84	44700	2.455	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	24265	2.569	ug/L	0.00
32) Benzene-d6	8.281	84	94723	2.446	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	28825	2.436	ug/L	0.00
41) Toluene-d8	10.323	98	86404	2.496	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	13450	2.552	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	9795	4.838	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	21861	2.593	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	26583	2.627	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	11875	2.938	ug/L	89
3) Chloromethane	2.221	50	17098	2.100	ug/L	93
5) Vinyl chloride	2.367	62	7161	0.855	ug/L	97
6) Bromomethane	2.788	94	10109	2.616	ug/L	99
8) Chloroethane	2.934	64	9722	2.754	ug/L	95
9) Trichlorofluoromethane	3.269	101	11465	2.448	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	21188	2.372	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	18868	2.107	ug/L	91
13) Acetone	4.141	43	13346	7.119	ug/L	78
14) Carbon disulfide	4.391	76	53788	1.912	ug/L	99
15) Methyl Acetate	4.574	43	221	0.053	ug/L	99
16) Methylene chloride	4.928	84	50022	3.739	ug/L	94
17) trans-1,2-Dichloroethene	5.434	96	25073	2.508	ug/L	90
18) Methyl tert-butyl Ether	5.440	73	39895	2.515	ug/L #	84
19) 1,1-Dichloroethane	6.220	63	45366	2.422	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	25987	2.420	ug/L #	99
22) 2-Butanone	7.183	43	20930	6.994	ug/L	76
23) Bromochloromethane	7.525	128	10345	2.369	ug/L	97
25) Chloroform	7.677	83	43143	2.429	ug/L	94
27) 1,2-Dichloroethane	8.403	62	27877	2.494	ug/L	99
29) Cyclohexane	7.958	56	44895	2.377	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	36133	2.464	ug/L	98
31) Carbon tetrachloride	8.067	117	30358	2.445	ug/L	100
33) Benzene	8.323	78	105291	2.483	ug/L	100
34) Trichloroethene	9.092	95	26545	2.469	ug/L	95
35) Methylcyclohexane	9.335	83	47112	2.391	ug/L	98
37) 1,2-Dichloropropane	9.366	63	25509	2.436	ug/L	99
38) Bromodichloromethane	9.646	83	32187	2.499	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	39774	2.402	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	30447	4.913	ug/L	99
42) Toluene	10.390	91	106583	2.434	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	33165	2.336	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024632.D
 Acq On : 26 Sep 2022 09:55
 Operator : SY/VA
 Sample : VSTD2.547
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

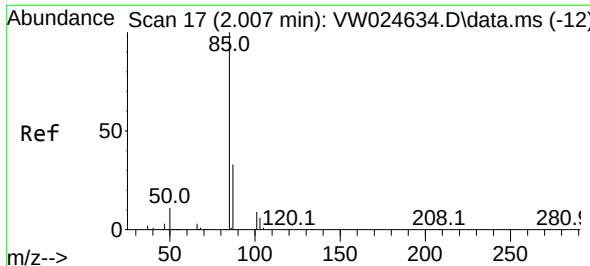
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5447

Quant Time: Sep 27 00:49:10 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)

45) 1,1,2-Trichloroethane	10.786	97	17353	2.426	ug/L	96
46) Tetrachloroethene	10.860	164	17551	2.403	ug/L	90
48) 2-Hexanone	10.969	43	20860	4.978	ug/L	98
49) Dibromochloromethane	11.128	129	19611	2.435	ug/L	95
50) 1,2-Dibromoethane	11.231	107	16577	2.449	ug/L #	99
51) Chlorobenzene	11.658	112	64071	2.389	ug/L	99
52) Ethylbenzene	11.731	91	118086	2.448	ug/L	99
53) m,p-Xylene	11.835	106	46638	2.476	ug/L	95
54) o-Xylene	12.164	106	43385	2.439	ug/L	97
55) Styrene	12.176	104	72504	2.418	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	21173	2.529	ug/L	96
59) Bromoform	12.347	173	10191	2.507	ug/L	99
60) Isopropylbenzene	12.463	105	114695	2.447	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	15456	2.495	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	102715	2.521	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	100319	2.514	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	48009	2.521	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	46667	2.518	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	43408	2.617	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.475	75	3785	2.584	ug/L	88
69) 1,3,5-Trichlorobenzene	14.621	180	30350	2.401	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	26327	2.479	ug/L	97
71) Naphthalene	15.359	128	56720	2.453	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	22478	2.487	ug/L	99

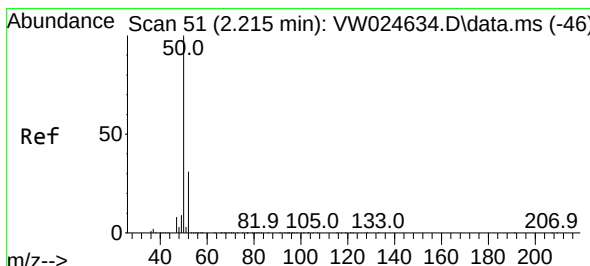
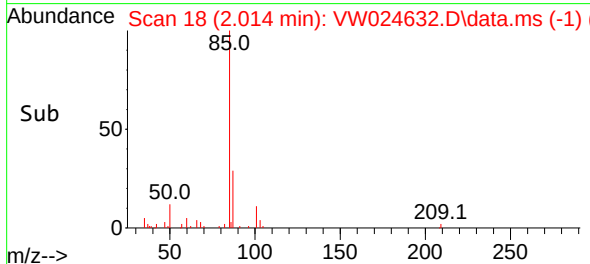
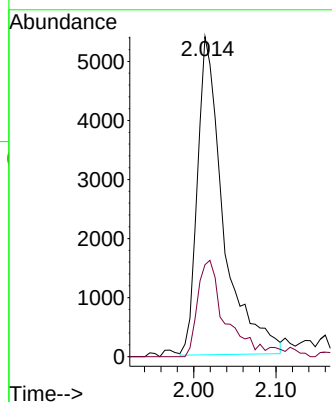
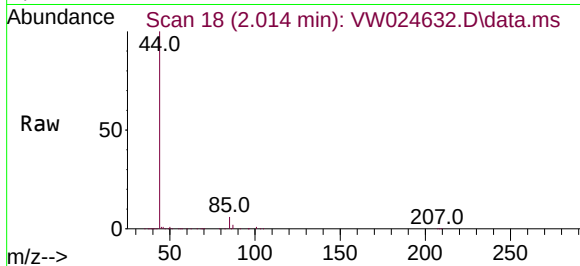
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 2.938 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW024632.D
 Acq: 26 Sep 2022 09:55

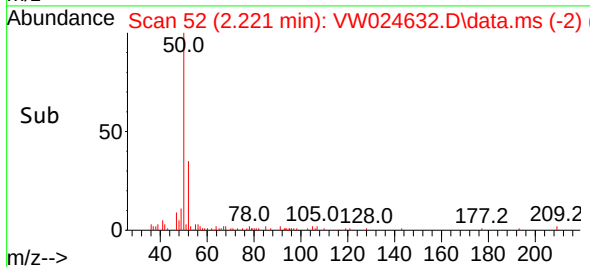
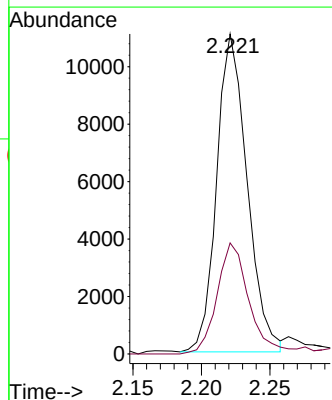
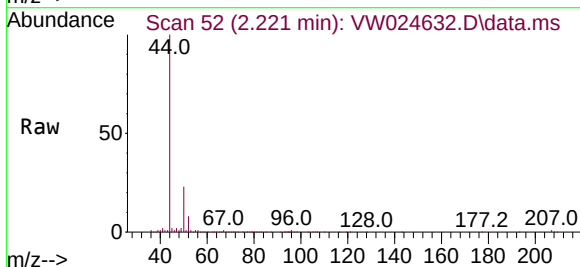
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5447

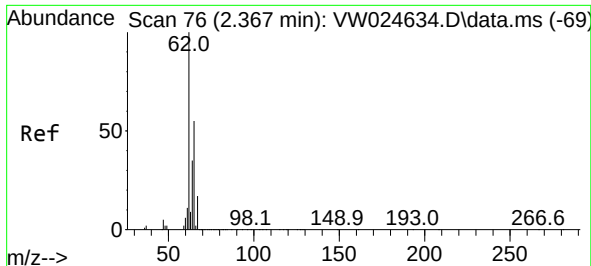
Tgt Ion: 85 Resp: 11875
 Ion Ratio Lower Upper
 85 100
 87 29.3 28.8 43.2



#3
 Chloromethane
 Concen: 2.100 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW024632.D
 Acq: 26 Sep 2022 09:55

Tgt Ion: 50 Resp: 17098
 Ion Ratio Lower Upper
 50 100
 52 34.7 21.7 40.3

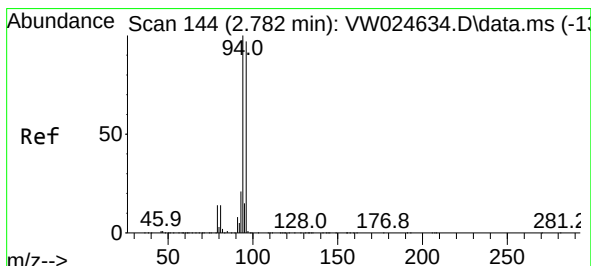
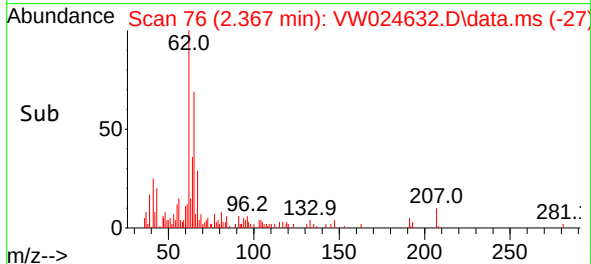
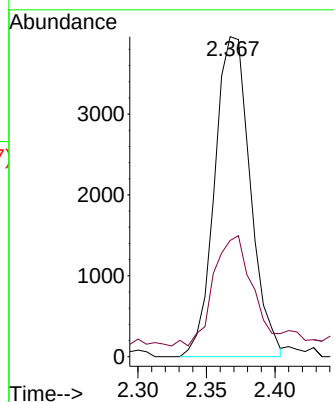
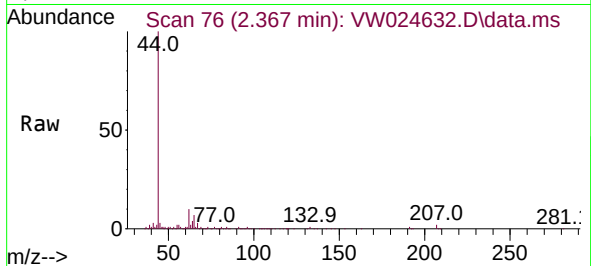




#5
 Vinyl chloride
 Concen: 0.855 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024632.D
 Acq: 26 Sep 2022 09:55

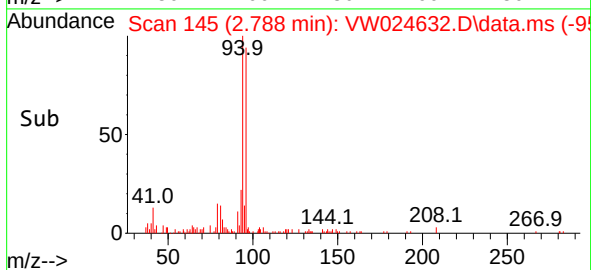
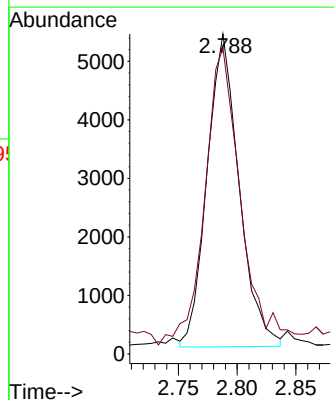
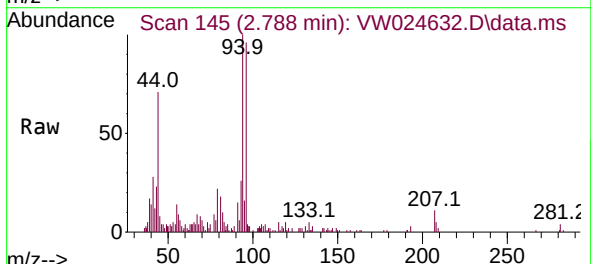
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5447

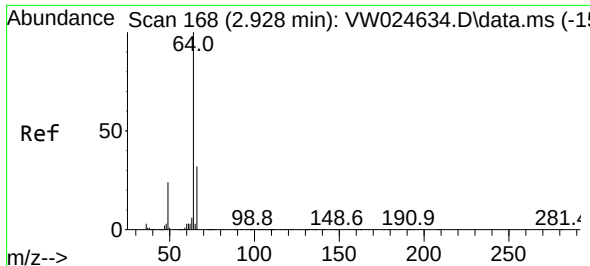
Tgt Ion: 62 Resp: 7161
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.4 45.2



#6
 Bromomethane
 Concen: 2.616 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW024632.D
 Acq: 26 Sep 2022 09:55

Tgt Ion: 94 Resp: 10109
 Ion Ratio Lower Upper
 94 100
 96 95.7 68.0 126.2

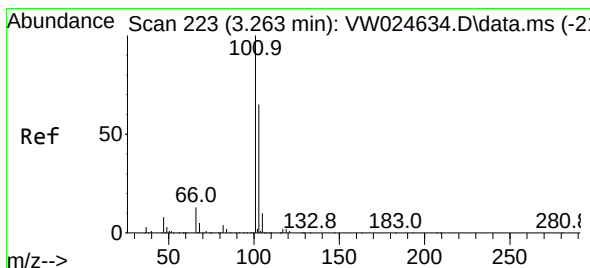
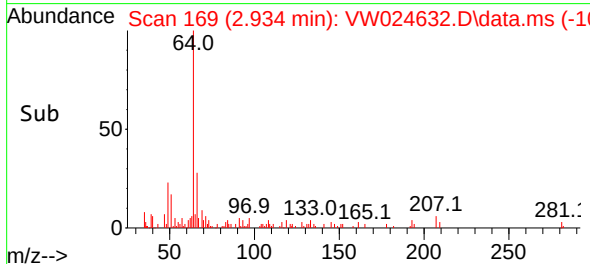
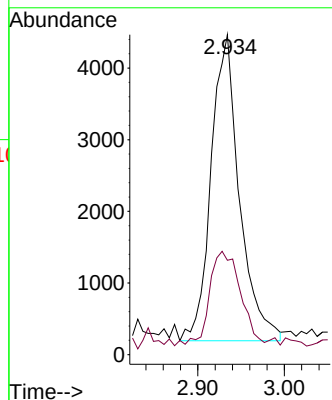
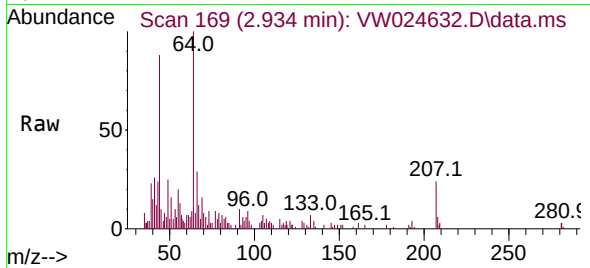




#8
Chloroethane
Concen: 2.754 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

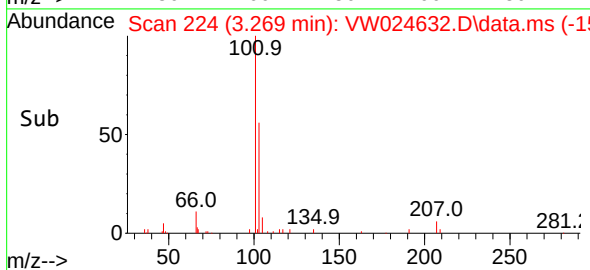
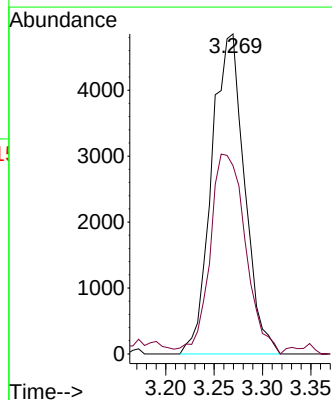
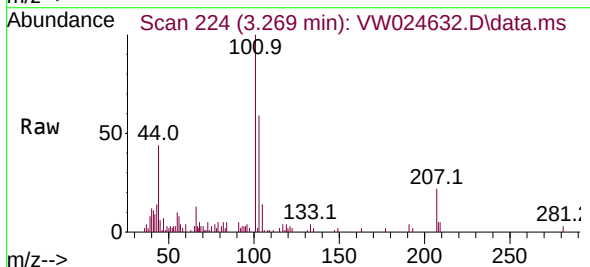
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

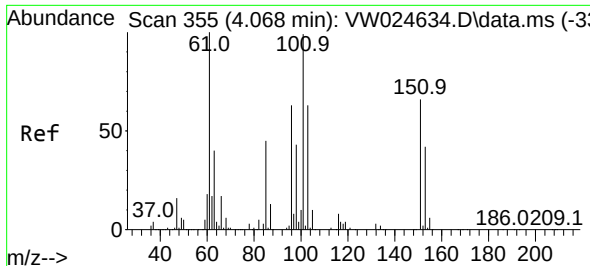
Tgt Ion: 64 Resp: 9722
Ion Ratio Lower Upper
64 100
66 29.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.448 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt Ion: 101 Resp: 11465
Ion Ratio Lower Upper
101 100
103 67.4 53.4 80.2

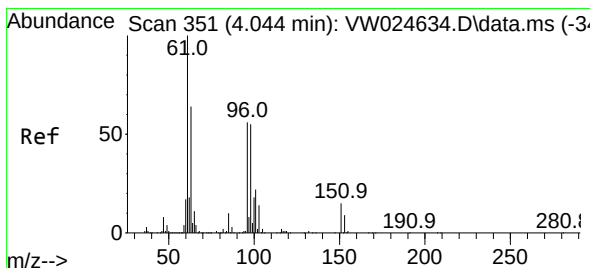
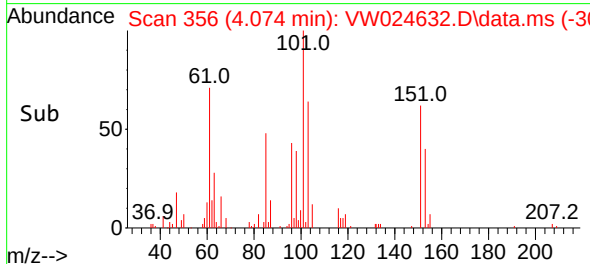
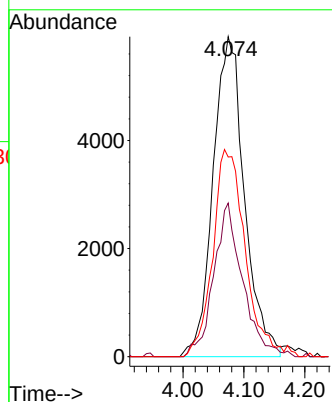
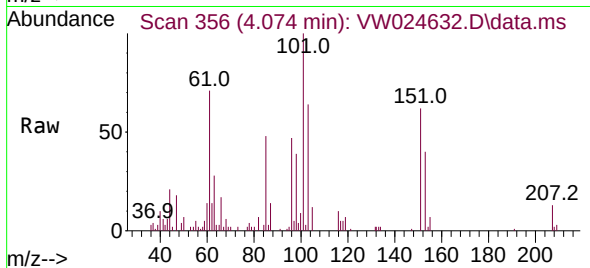




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.372 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW024632.D
 Acq: 26 Sep 2022 09:55

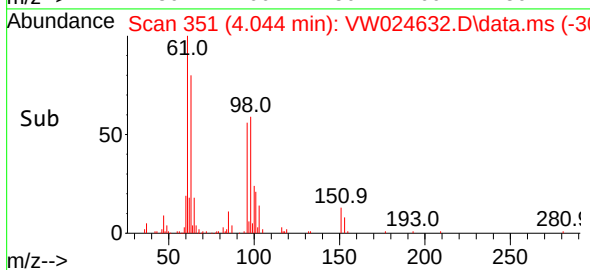
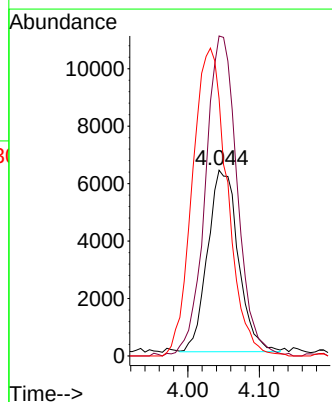
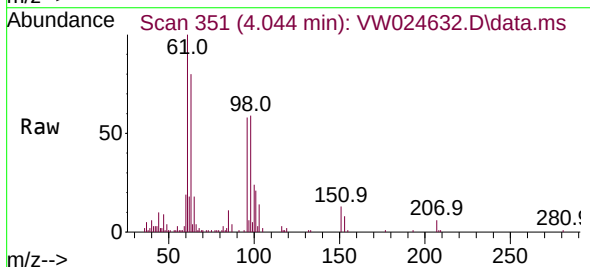
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5447

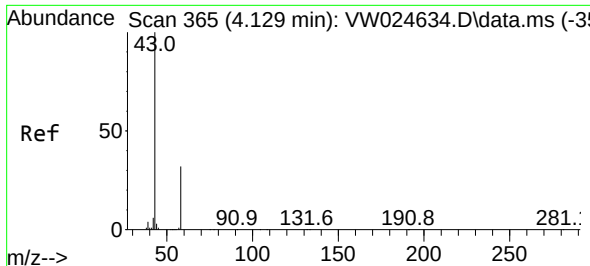
Tgt Ion: 101 Resp: 21188
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.9 52.3
 151 65.8 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 2.107 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024632.D
 Acq: 26 Sep 2022 09:55

Tgt Ion: 96 Resp: 18868
 Ion Ratio Lower Upper
 96 100
 61 172.3 124.5 231.1
 63 138.5 84.1 156.1

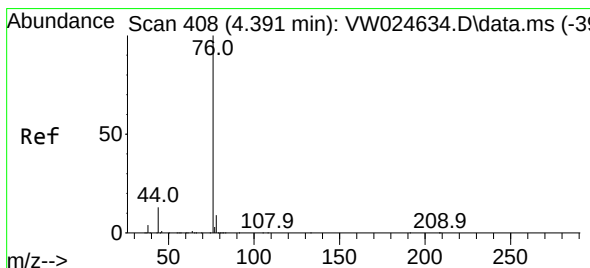
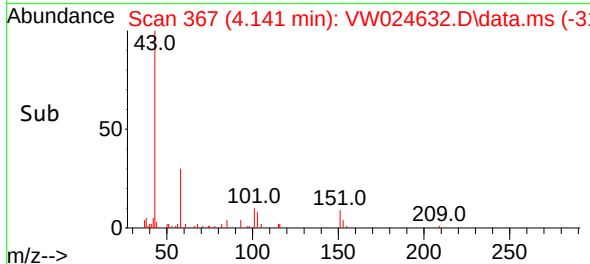
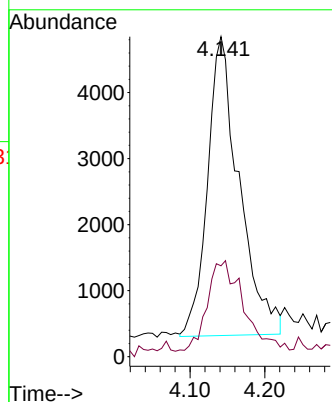
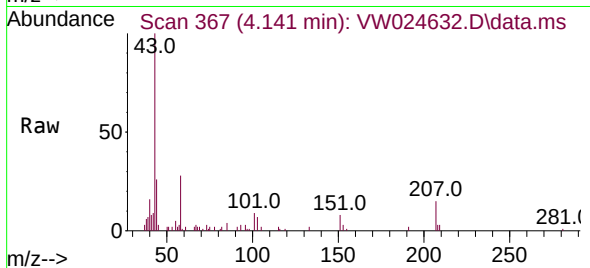




#13
Acetone
Concen: 7.119 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

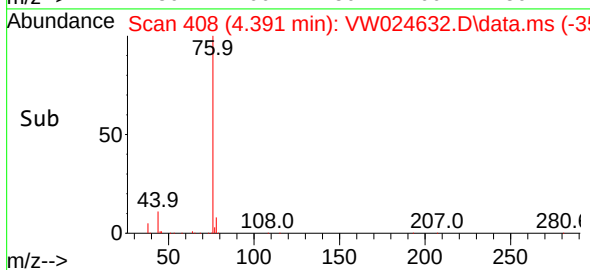
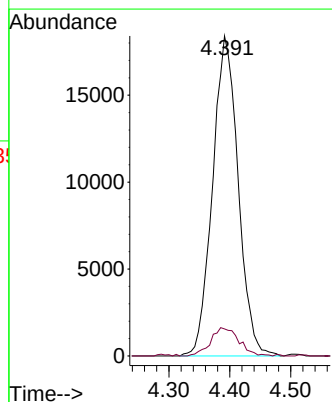
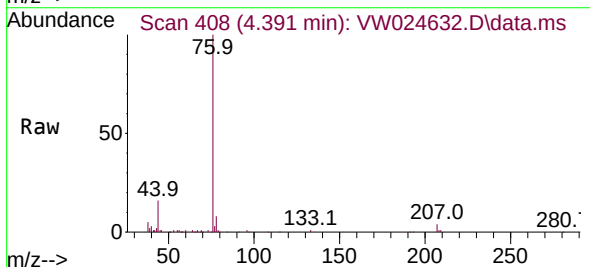
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

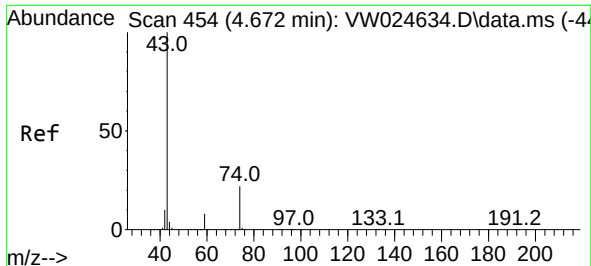
Tgt Ion: 43 Resp: 13346
Ion Ratio Lower Upper
43 100
58 21.4 0.0 67.6



#14
Carbon disulfide
Concen: 1.912 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt Ion: 76 Resp: 53788
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

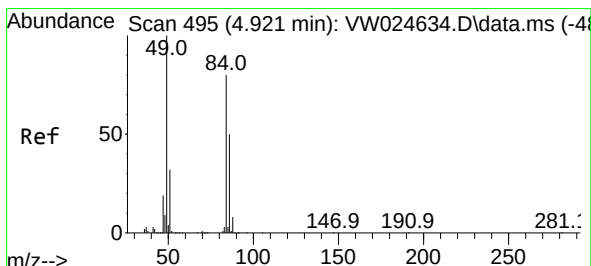
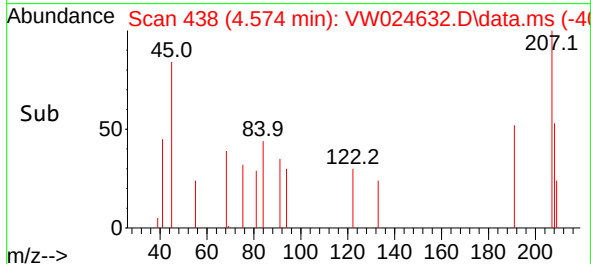
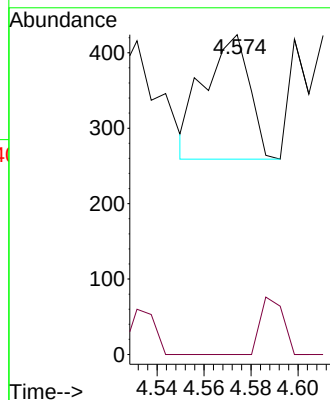
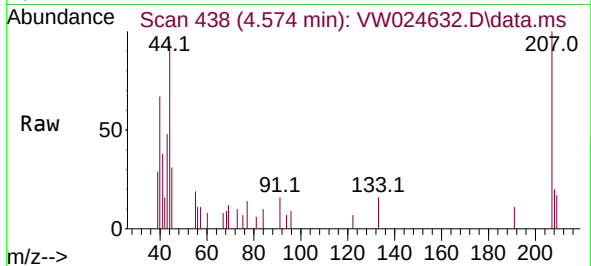




#15
Methyl Acetate
Concen: 0.053 ug/L
RT: 4.574 min Scan# 41
Delta R.T. -0.097 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

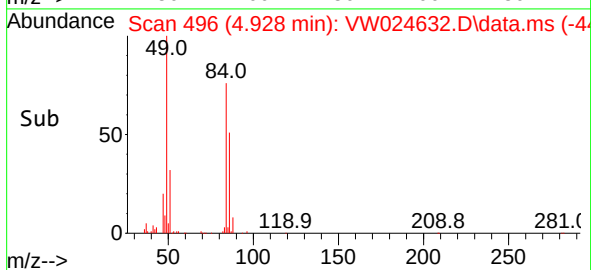
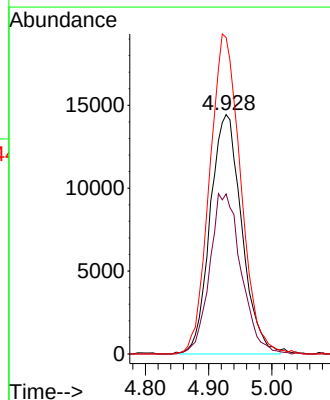
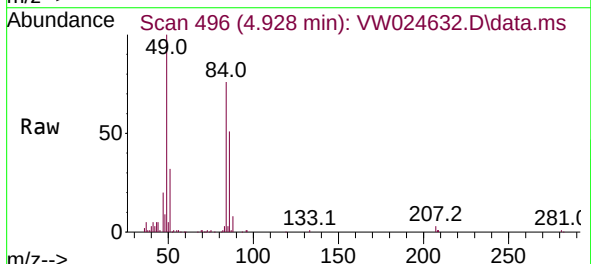
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

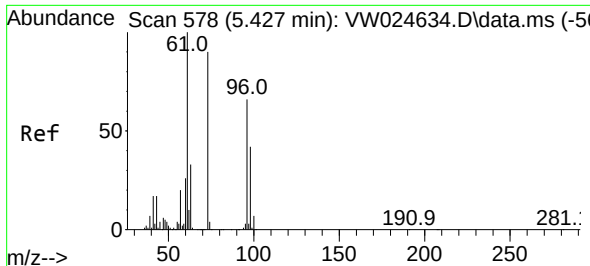
Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
74 23.1 18.1 27.1



#16
Methylene chloride
Concen: 3.739 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt Ion: 84 Resp: 50022
Ion Ratio Lower Upper
84 100
86 66.8 44.0 81.8
49 132.2 87.4 162.2

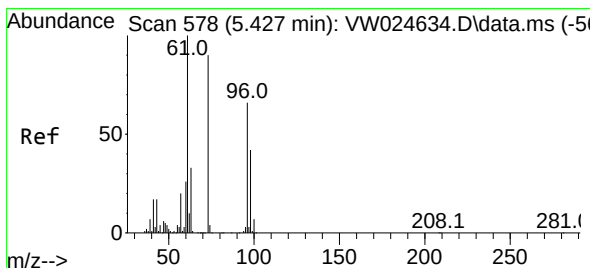
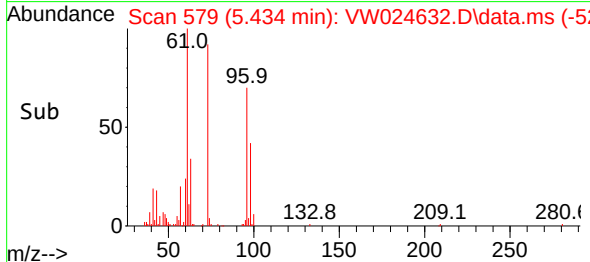
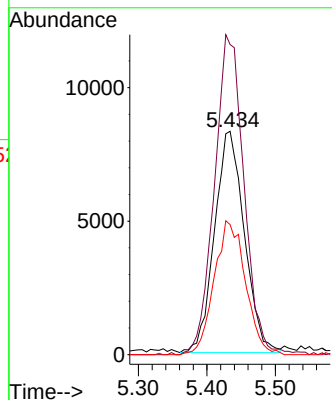
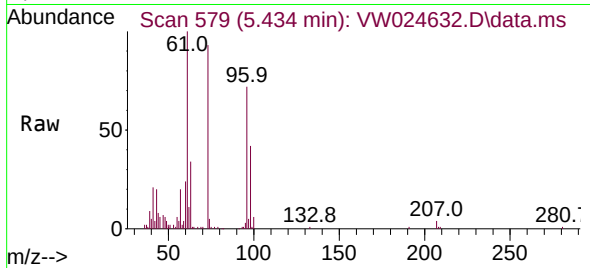




#17
trans-1,2-Dichloroethene
Concen: 2.508 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

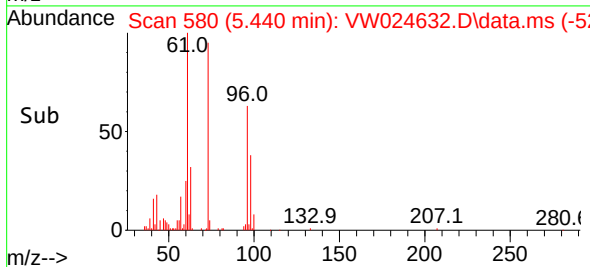
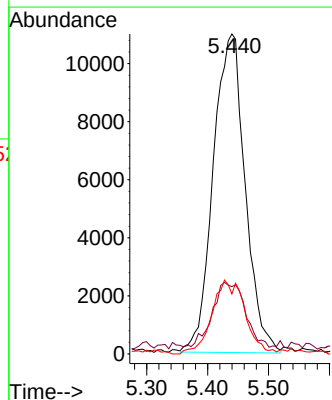
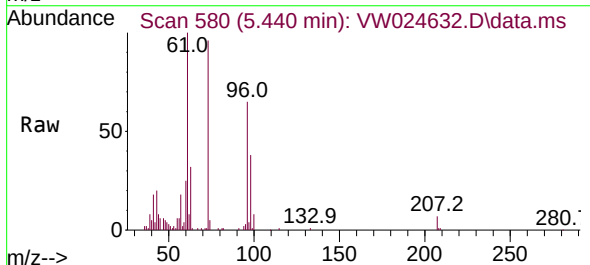
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

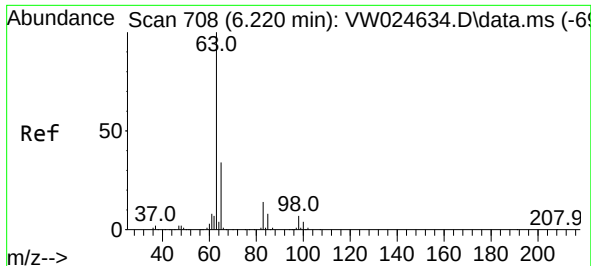
Tgt Ion: 96 Resp: 25073
Ion Ratio Lower Upper
96 100
61 138.9 106.3 197.5
98 58.2 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 2.515 ug/L
RT: 5.440 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt Ion: 73 Resp: 39895
Ion Ratio Lower Upper
73 100
43 12.5 15.6 23.4#
57 14.7 18.3 27.5#





#19

1,1-Dichloroethane

Concen: 2.422 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5447

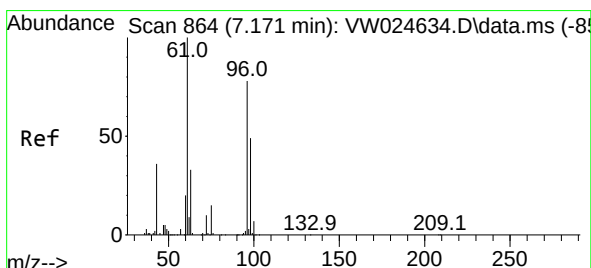
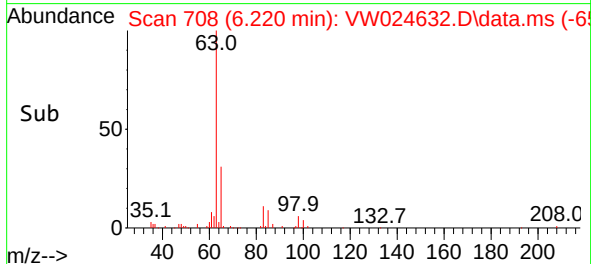
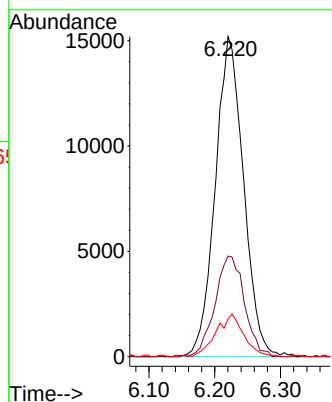
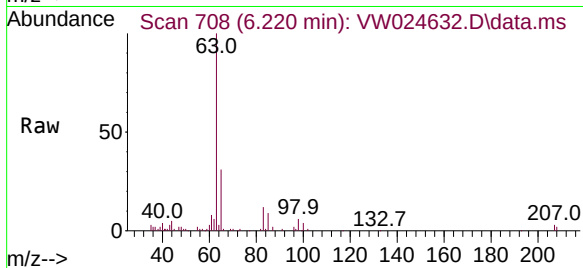
Tgt Ion: 63 Resp: 45366

Ion Ratio Lower Upper

63 100

65 31.4 23.7 43.9

83 11.8 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 2.420 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

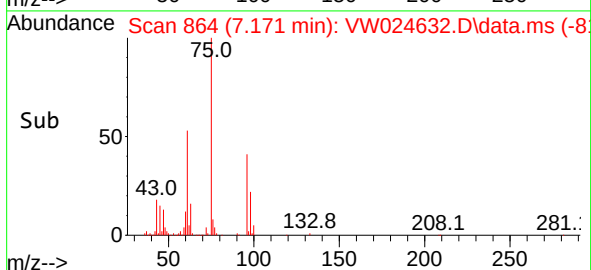
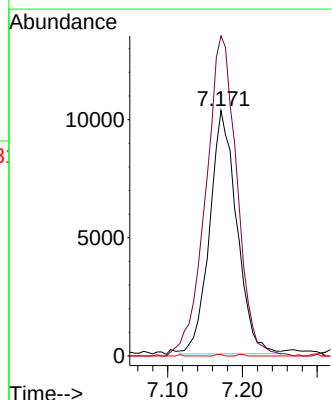
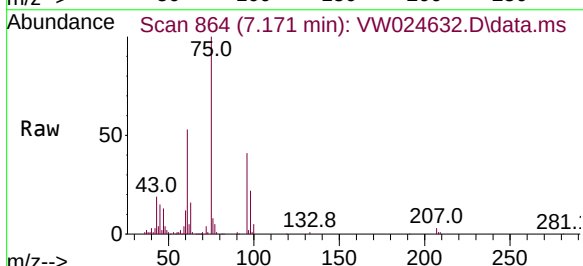
Tgt Ion: 96 Resp: 25987

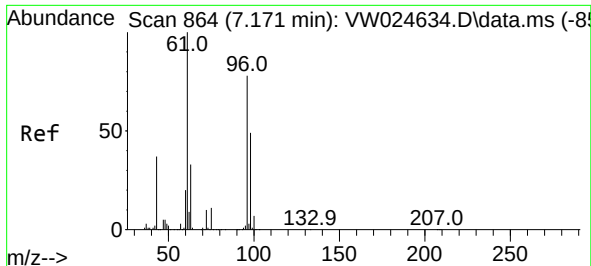
Ion Ratio Lower Upper

96 100

61 130.3 90.2 167.4

68 0.6 0.0 0.0#

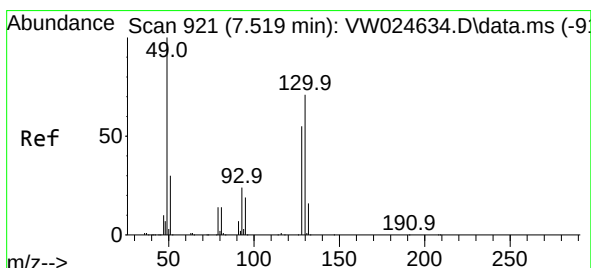
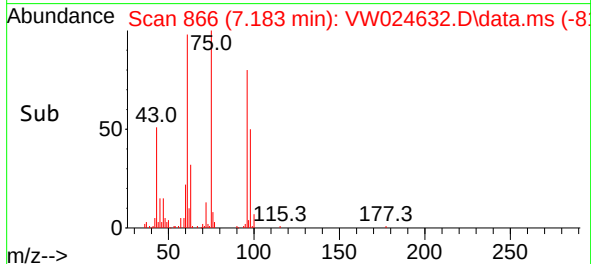
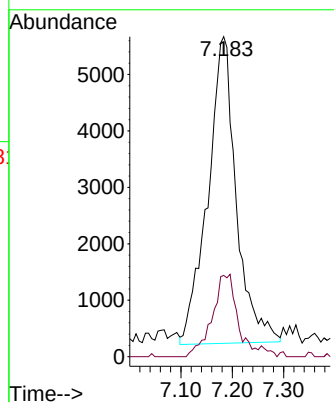
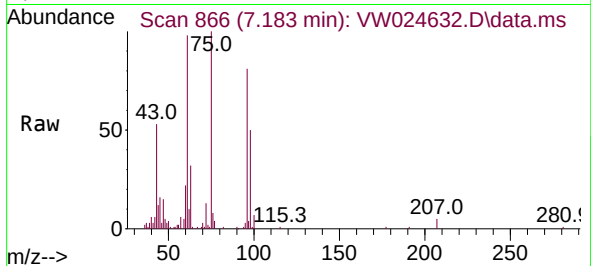




#22
2-Butanone
Concen: 6.994 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

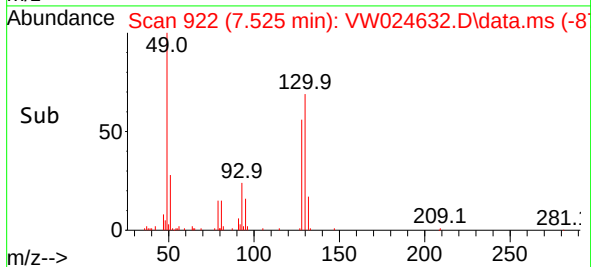
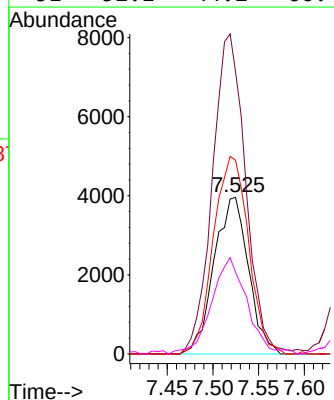
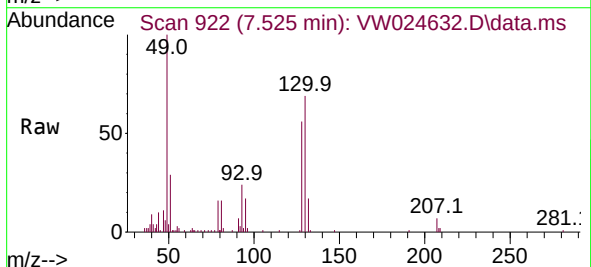
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

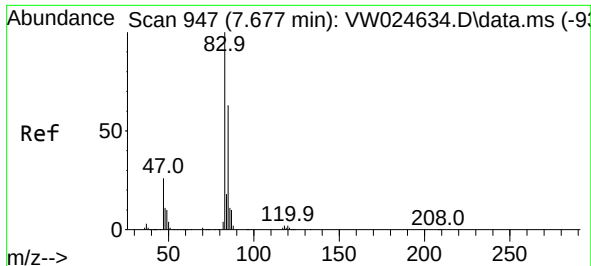
Tgt Ion: 43 Resp: 20930
Ion Ratio Lower Upper
43 100
72 14.7 13.8 41.3



#23
Bromochloromethane
Concen: 2.369 ug/L
RT: 7.525 min Scan# 922
Delta R.T. 0.006 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt Ion: 128 Resp: 10345
Ion Ratio Lower Upper
128 100
49 180.0 127.3 236.3
130 123.7 90.2 167.4
51 52.1 44.2 66.4

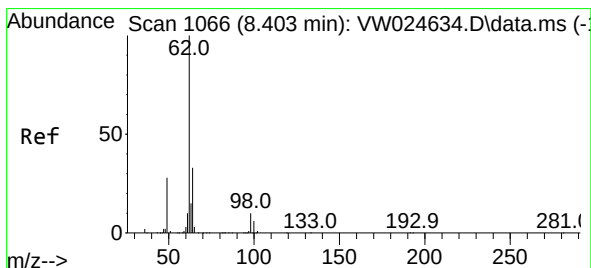
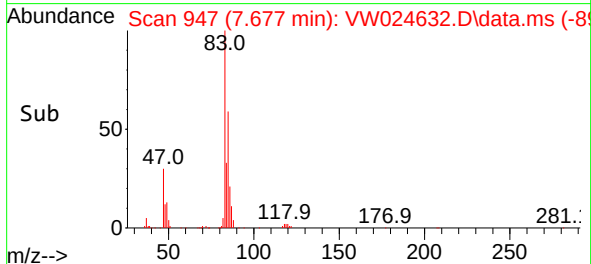
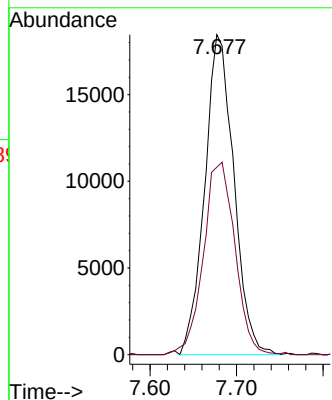
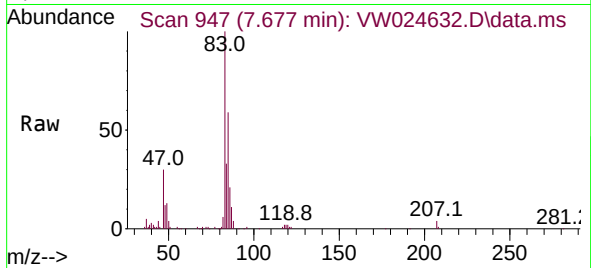




#25
Chloroform
Concen: 2.429 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

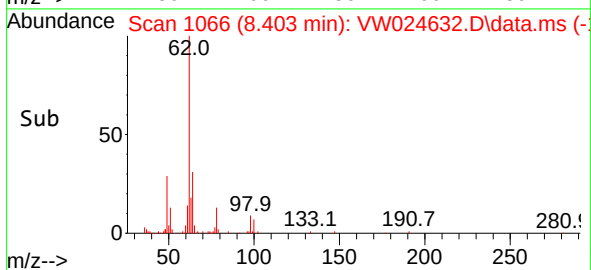
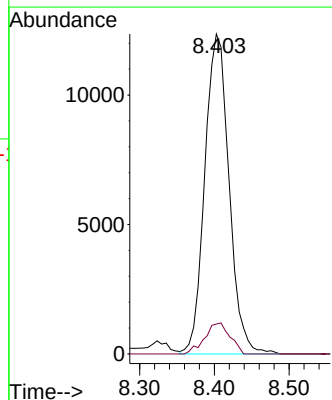
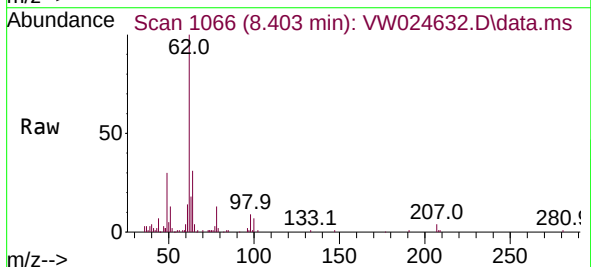
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

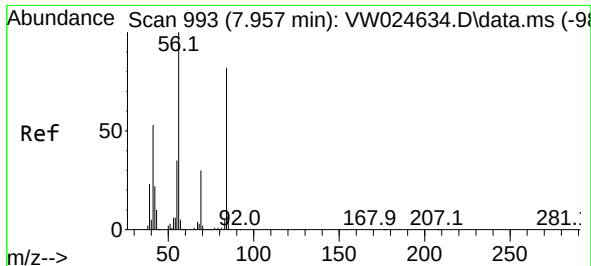
Tgt Ion: 83 Resp: 43143
Ion Ratio Lower Upper
83 100
85 58.6 44.0 81.8



#27
1,2-Dichloroethane
Concen: 2.494 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt Ion: 62 Resp: 27877
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.8





#29

Cyclohexane

Concen: 2.377 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5447

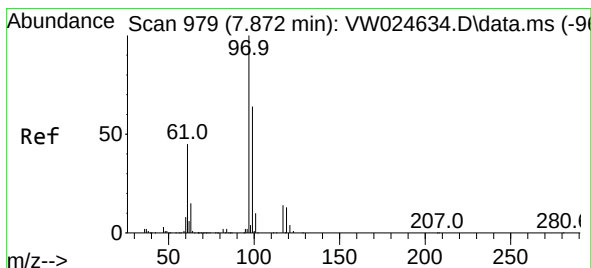
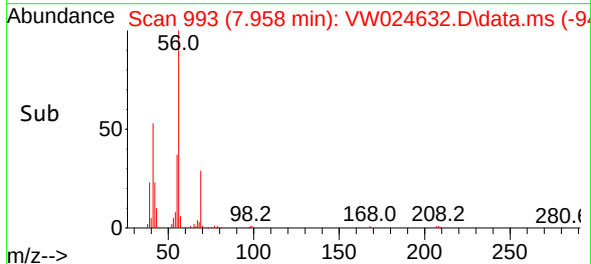
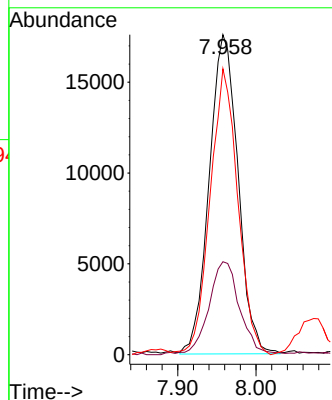
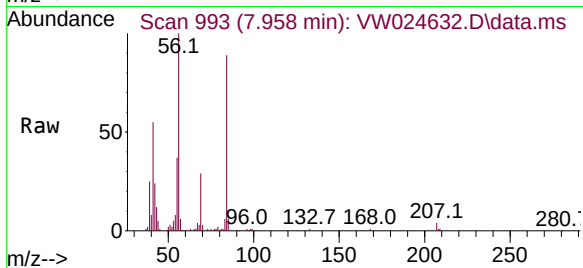
Tgt Ion: 56 Resp: 44895

Ion Ratio Lower Upper

56 100

69 30.0 25.0 37.4

84 86.2 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 2.464 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

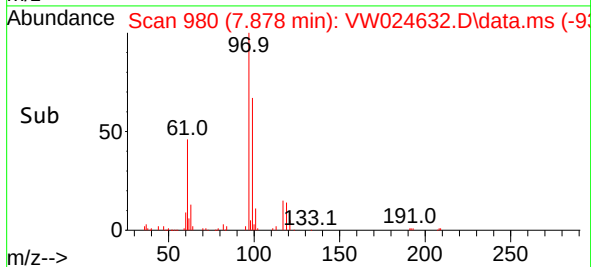
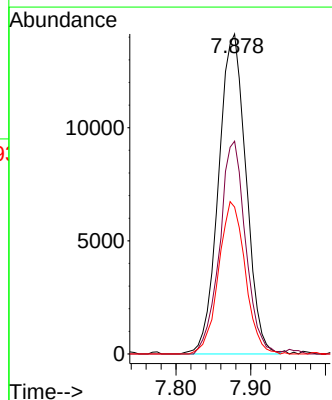
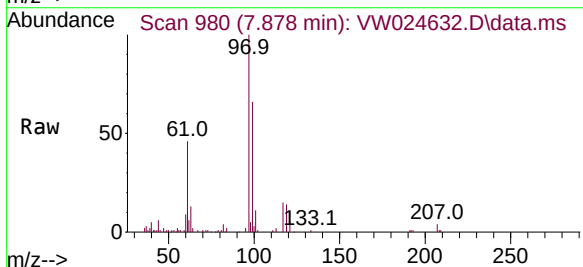
Tgt Ion: 97 Resp: 36133

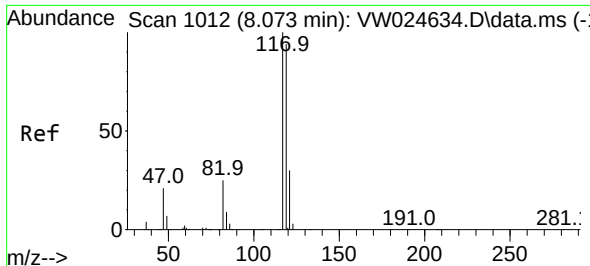
Ion Ratio Lower Upper

97 100

99 62.8 51.1 76.7

61 46.2 35.8 53.6

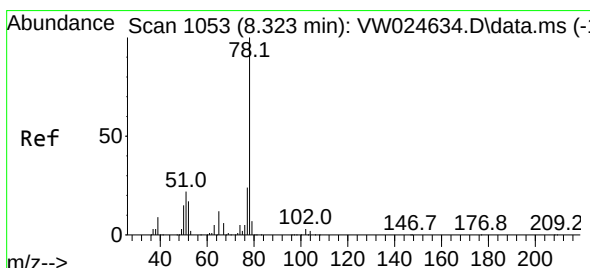
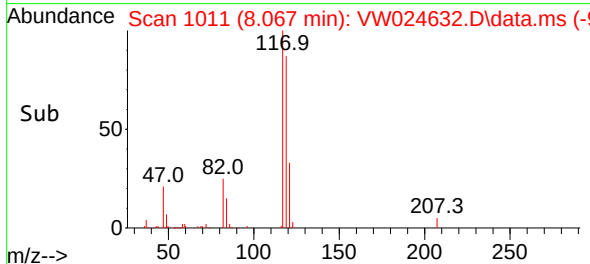
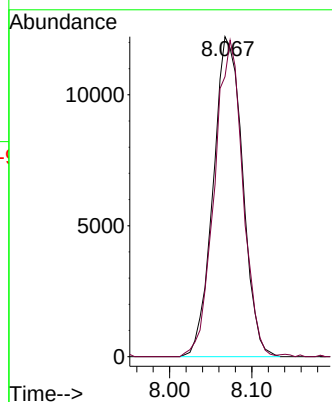
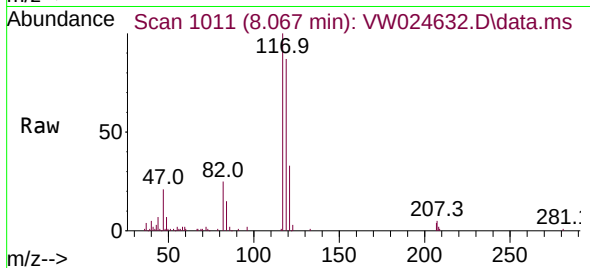




#31
Carbon tetrachloride
Concen: 2.445 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

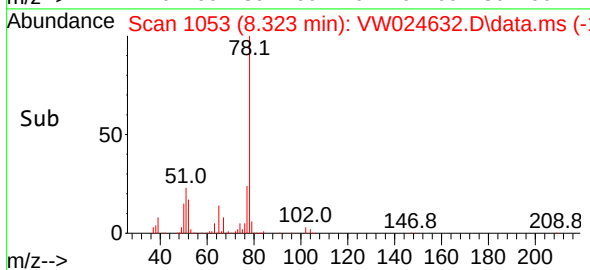
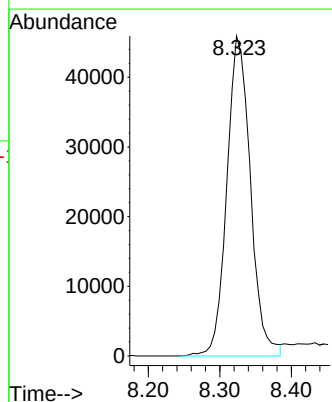
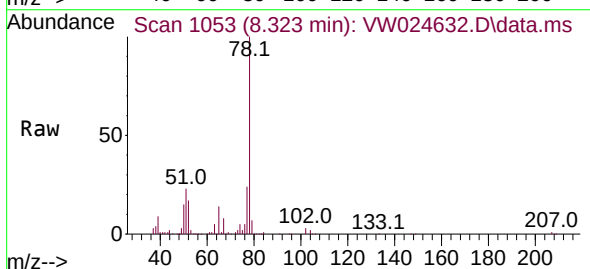
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

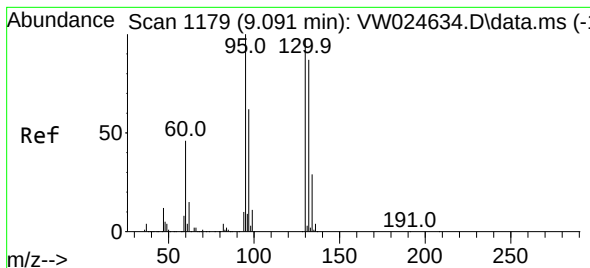
Tgt Ion:117 Resp: 30358
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.2



#33
Benzene
Concen: 2.483 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt Ion: 78 Resp: 105291





#34

Trichloroethene

Concen: 2.469 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5447

Tgt Ion: 95 Resp: 26545

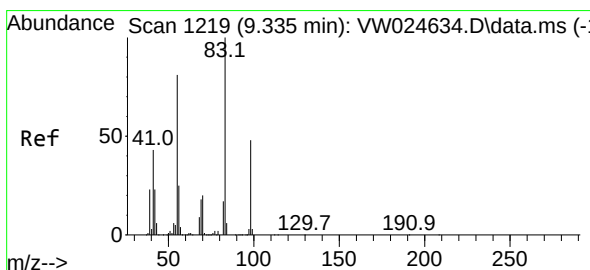
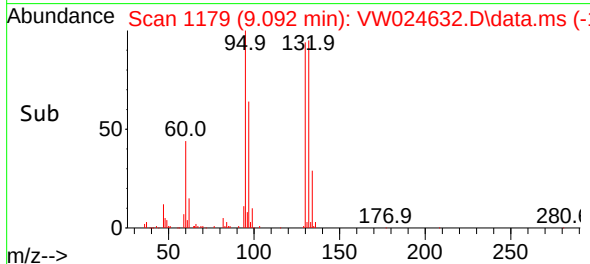
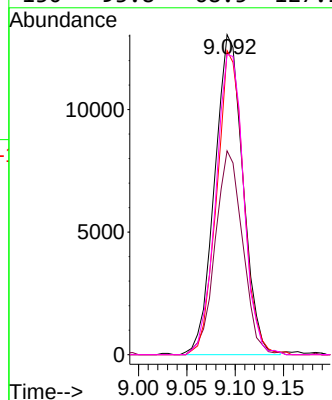
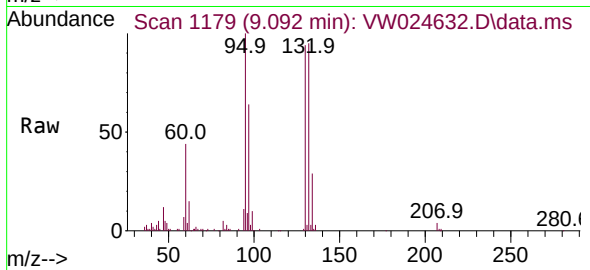
Ion Ratio Lower Upper

95 100

97 63.7 43.5 80.9

132 95.0 61.2 113.8

130 93.8 68.5 127.1



#35

Methylcyclohexane

Concen: 2.391 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

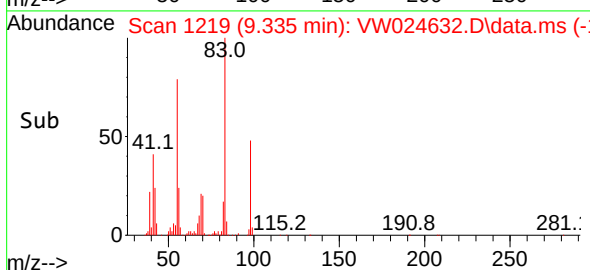
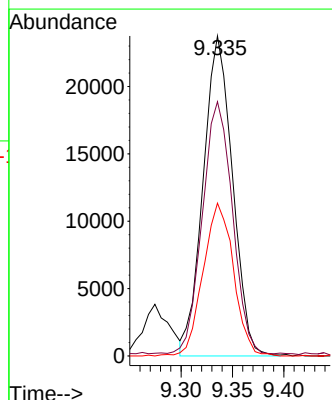
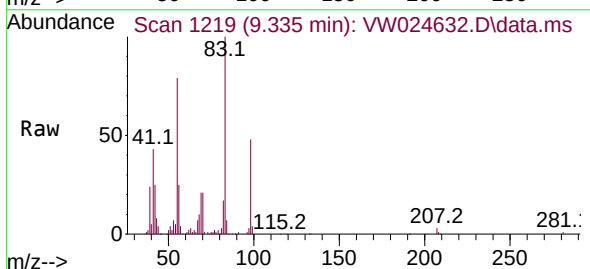
Tgt Ion: 83 Resp: 47112

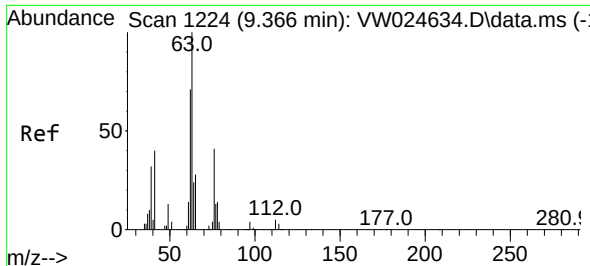
Ion Ratio Lower Upper

83 100

55 81.1 63.1 94.7

98 49.2 38.3 57.5





#37

1,2-Dichloropropane

Concen: 2.436 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

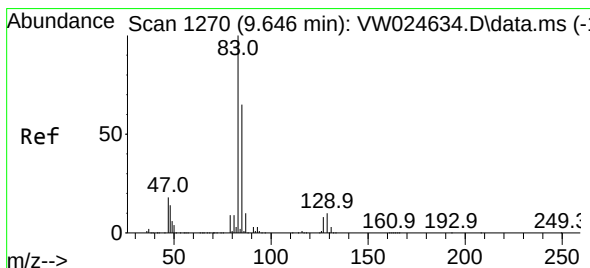
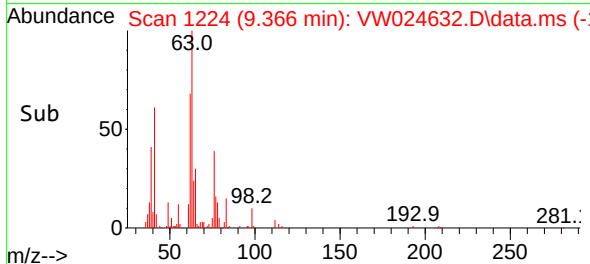
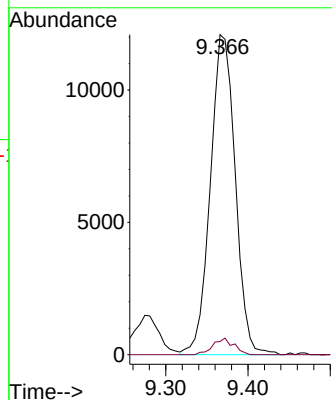
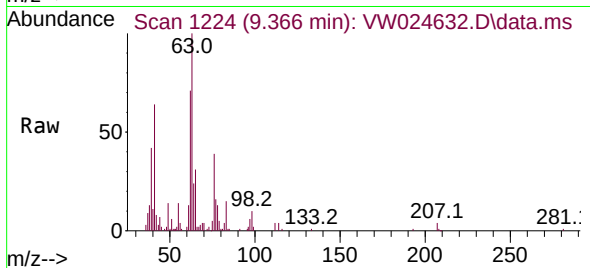
VSTD2.5447

Tgt Ion: 63 Resp: 25509

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 2.499 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

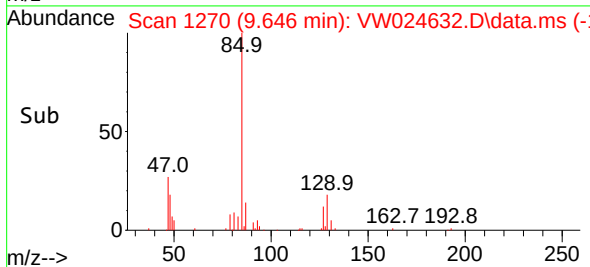
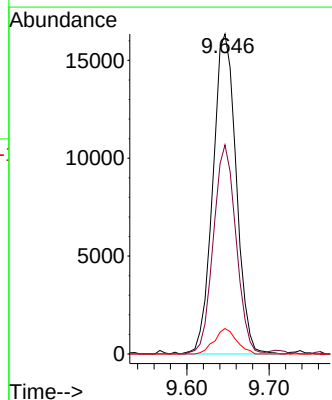
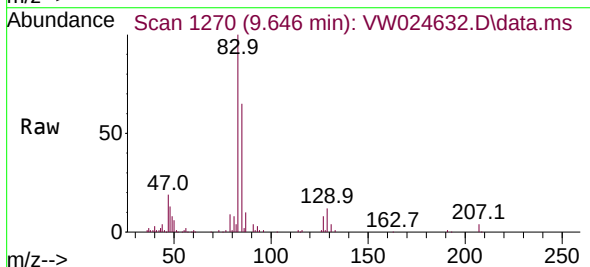
Tgt Ion: 83 Resp: 32187

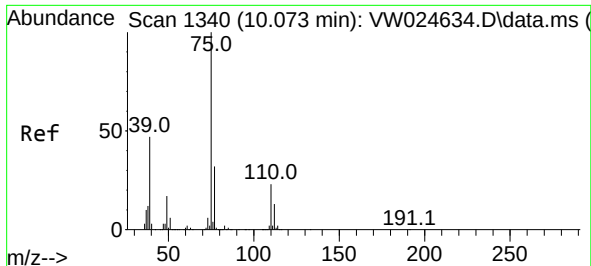
Ion Ratio Lower Upper

83 100

85 65.4 45.6 84.8

127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 2.402 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

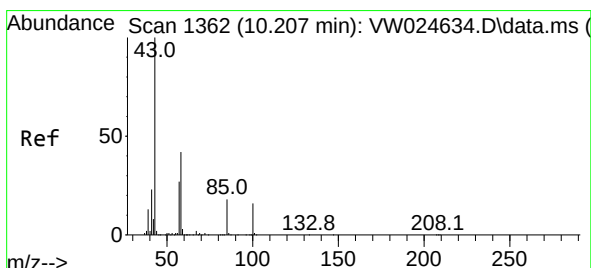
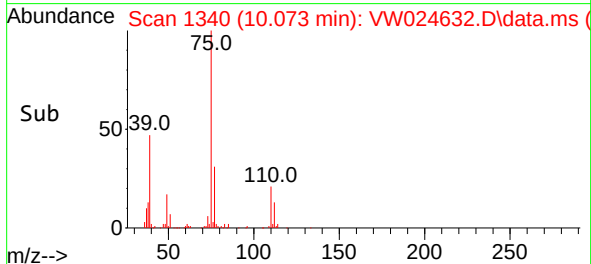
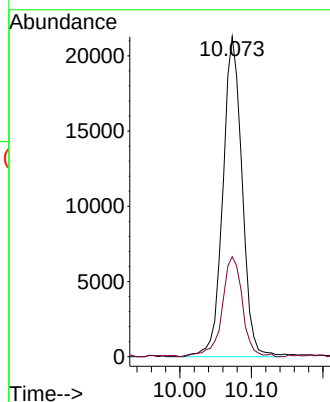
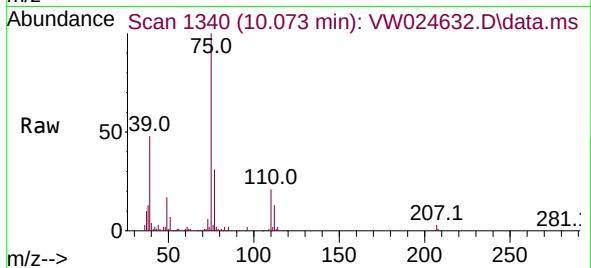
VSTD2.5447

Tgt Ion: 75 Resp: 39774

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 4.913 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

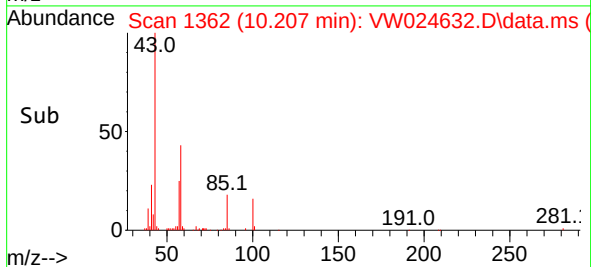
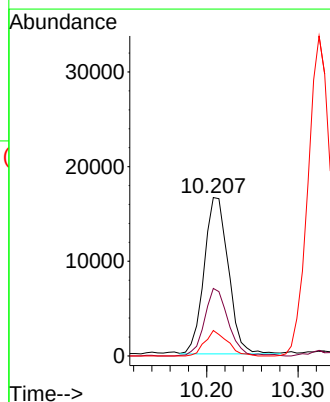
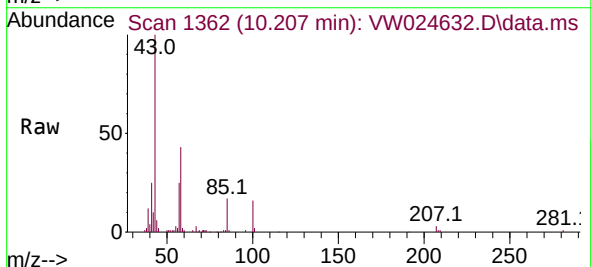
Tgt Ion: 43 Resp: 30447

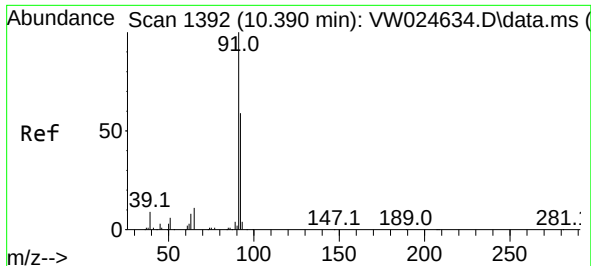
Ion Ratio Lower Upper

43 100

58 41.5 32.9 49.3

100 15.2 12.6 19.0

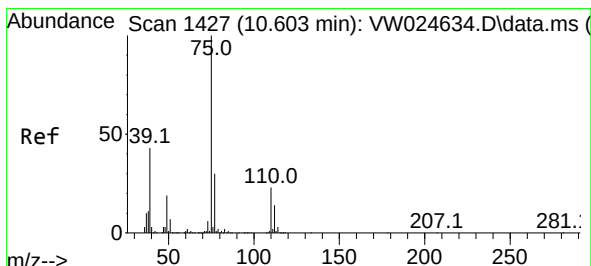
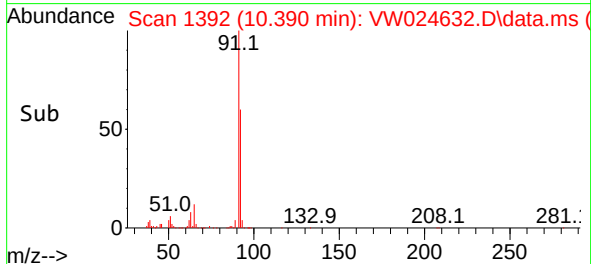
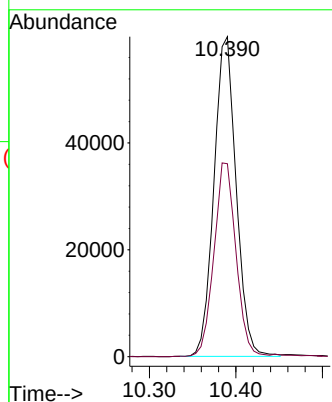
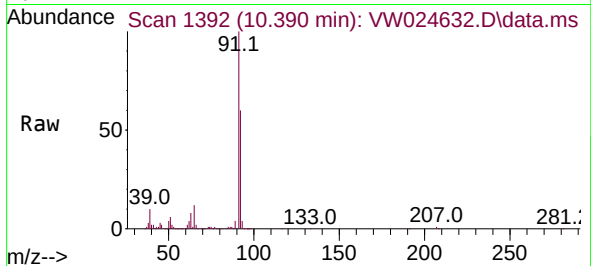




#42
Toluene
Concen: 2.434 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

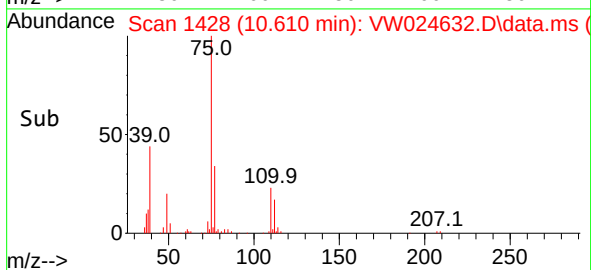
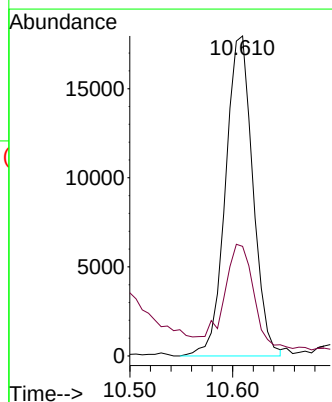
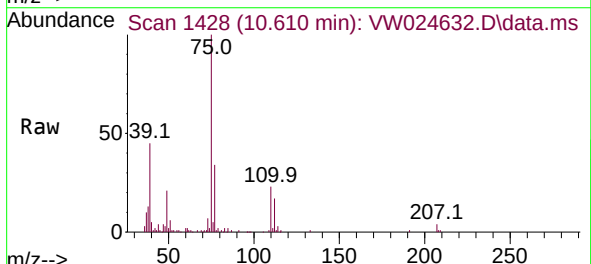
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

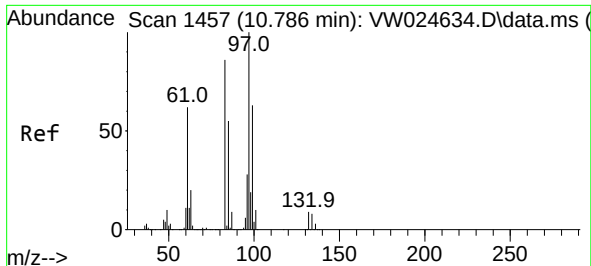
Tgt Ion: 91 Resp: 106583
Ion Ratio Lower Upper
91 100
92 60.3 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 2.336 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt Ion: 75 Resp: 33165
Ion Ratio Lower Upper
75 100
77 34.2 21.3 39.6

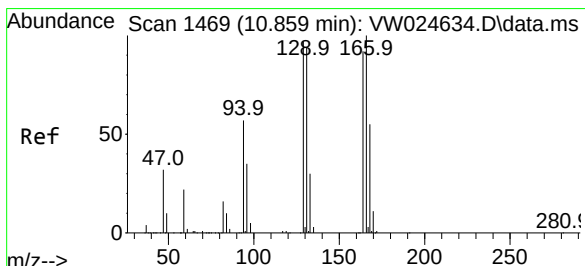
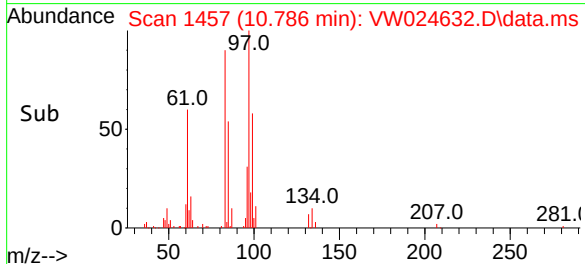
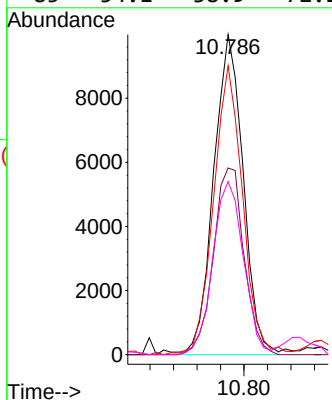
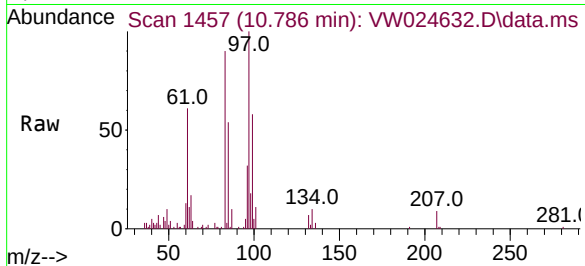




#45
1,1,2-Trichloroethane
Concen: 2.426 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

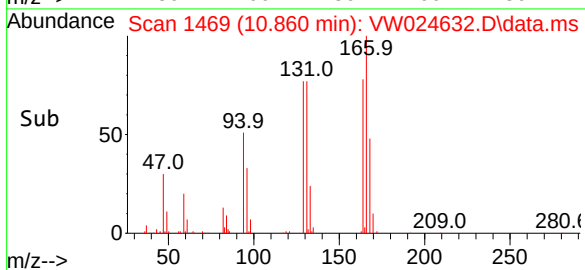
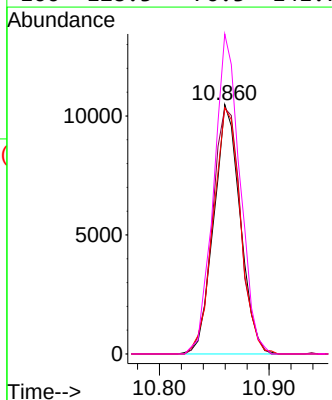
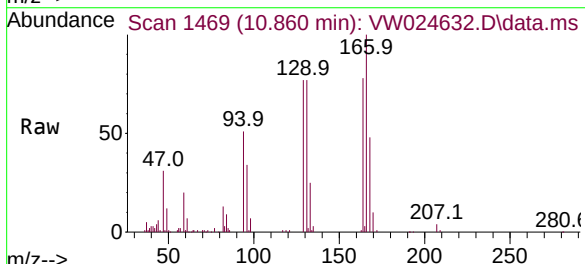
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

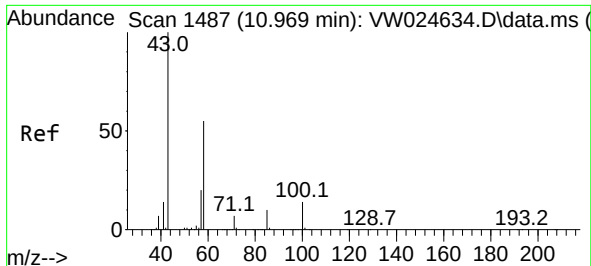
Tgt Ion: 97	Resp: 17353
Ion Ratio	Lower Upper
97 100	
99 58.3	43.8 81.4
83 90.3	60.1 111.5
85 54.1	38.9 72.2



#46
Tetrachloroethene
Concen: 2.403 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt	Ion:164	Resp:	17551
Ion	Ratio	Lower	Upper
164	100		
129	98.6	74.1	137.5
131	98.7	71.5	132.7
166	128.3	76.3	141.7

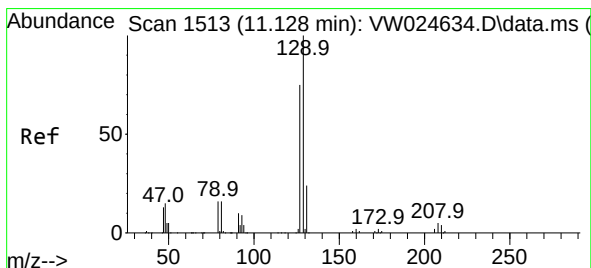
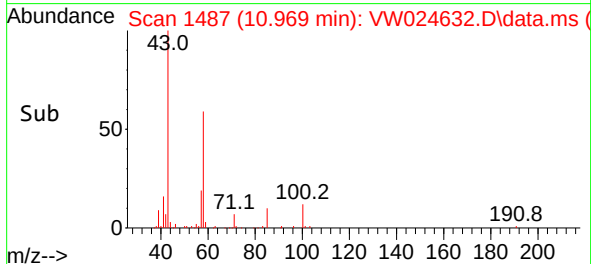
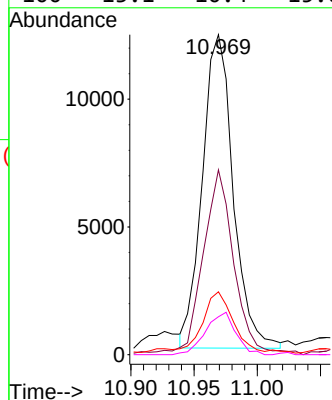
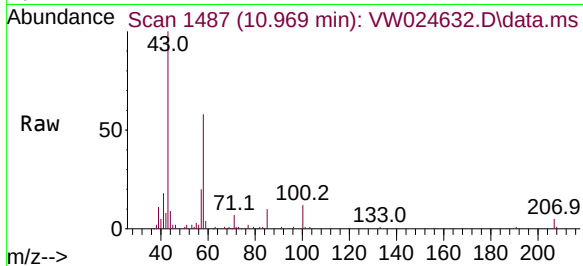




#48
2-Hexanone
Concen: 4.978 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

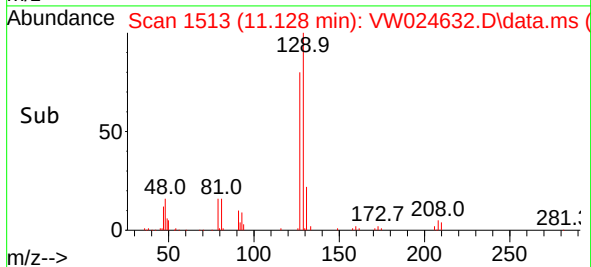
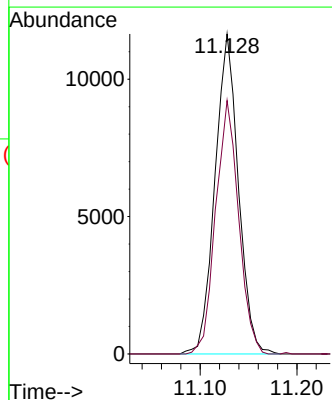
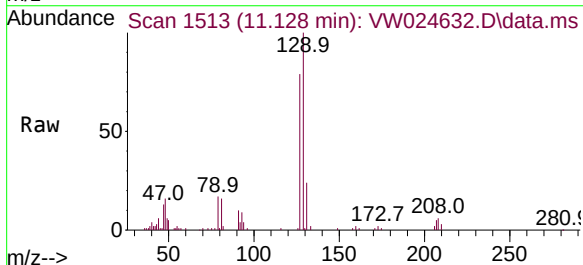
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

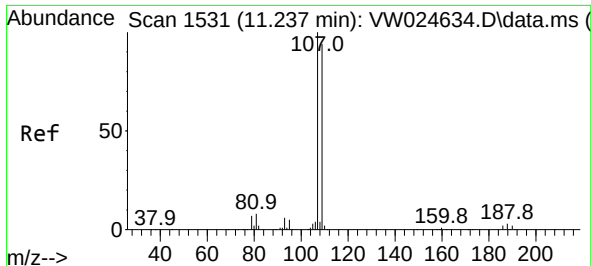
Tgt Ion:	43	Resp:	20860
Ion	Ratio	Lower	Upper
43	100		
58	58.6	45.3	67.9
57	19.7	16.3	24.5
100	13.1	10.4	15.6



#49
Dibromochloromethane
Concen: 2.435 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt Ion:	129	Resp:	19611
Ion	Ratio	Lower	Upper
129	100		
127	79.2	52.4	97.4





#50

1,2-Dibromoethane

Concen: 2.449 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

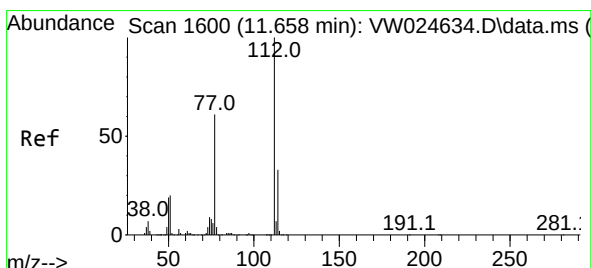
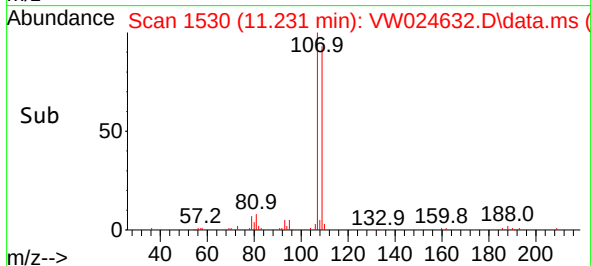
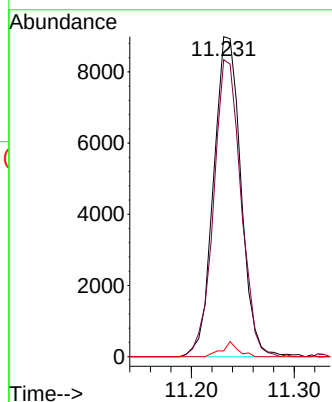
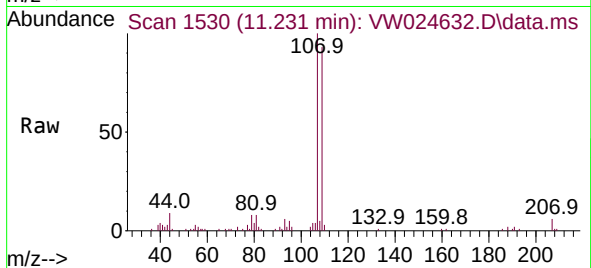
Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5447

Tgt Ion:	107	Resp:	16577
Ion	Ratio	Lower	Upper
107	100		
109	92.8	65.5	121.7
188	1.8	2.4	3.6#



#51

Chlorobenzene

Concen: 2.389 ug/L

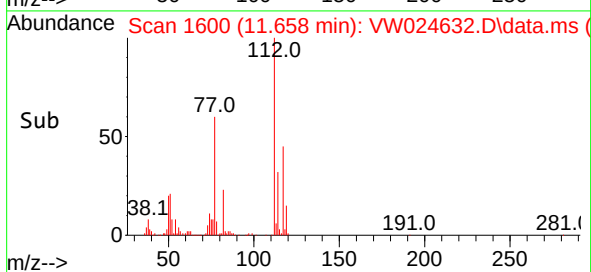
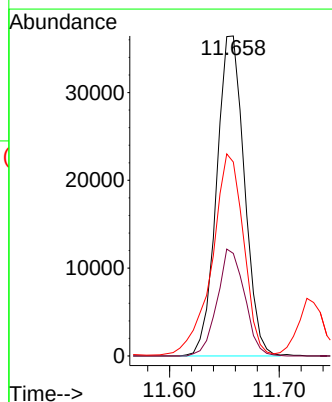
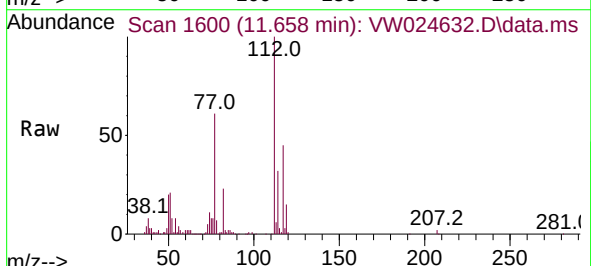
RT: 11.658 min Scan# 1600

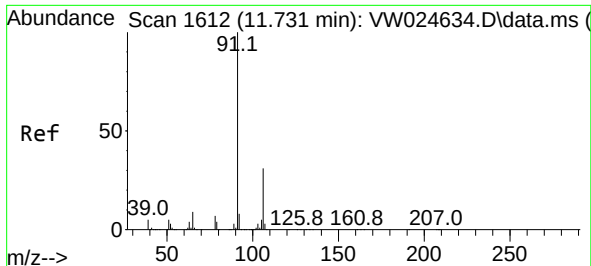
Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

Tgt Ion:	112	Resp:	64071
Ion	Ratio	Lower	Upper
112	100		
114	32.0	23.3	43.3
77	60.6	49.1	73.7

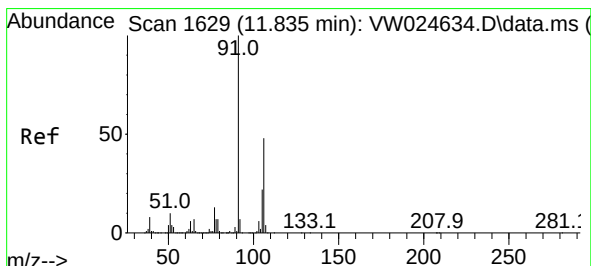
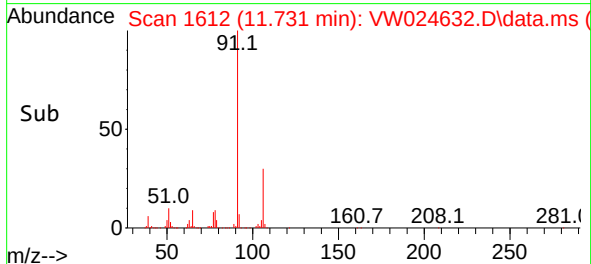
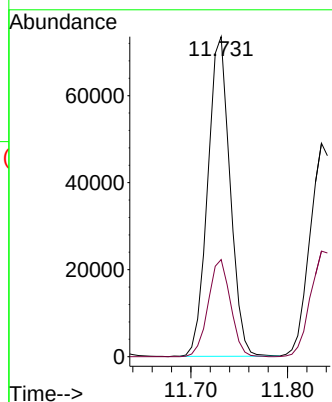
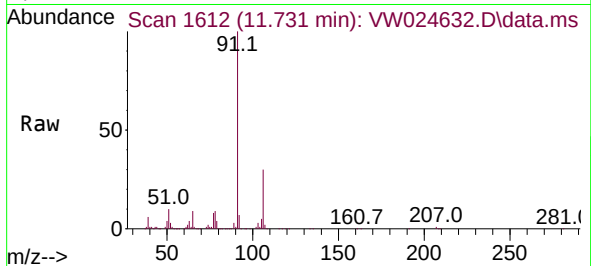




#52
Ethylbenzene
Concen: 2.448 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

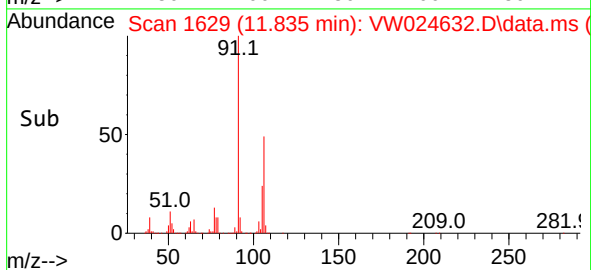
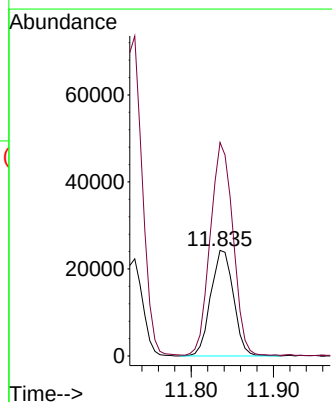
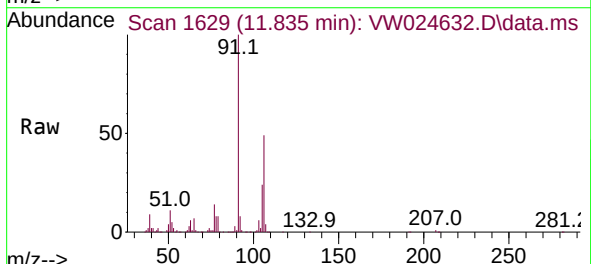
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

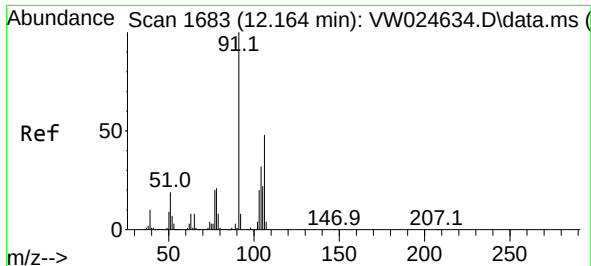
Tgt Ion: 91 Resp: 118086
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 2.476 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt Ion: 106 Resp: 46638
Ion Ratio Lower Upper
106 100
91 202.1 146.8 272.6





#54

o-Xylene

Concen: 2.439 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

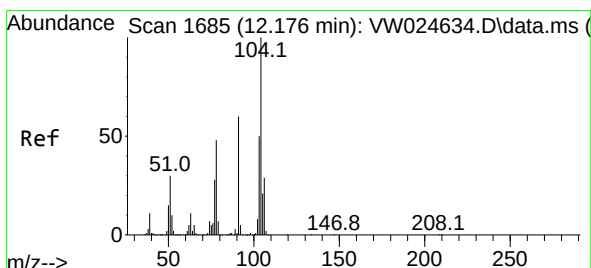
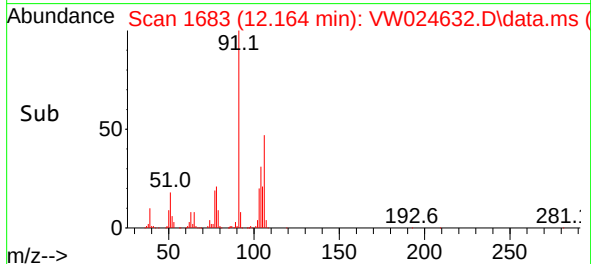
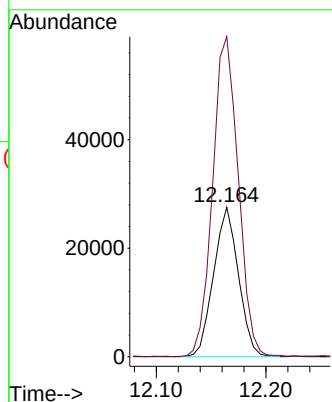
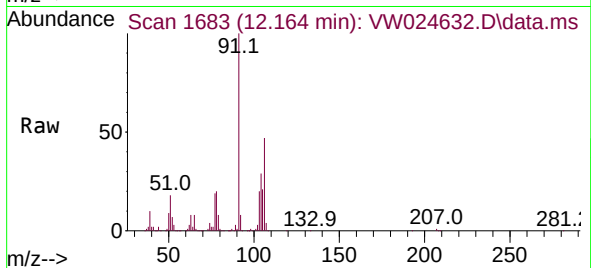
VSTD2.5447

Tgt Ion:106 Resp: 43385

Ion Ratio Lower Upper

106 100

91 214.1 146.3 271.7



#55

Styrene

Concen: 2.418 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024632.D

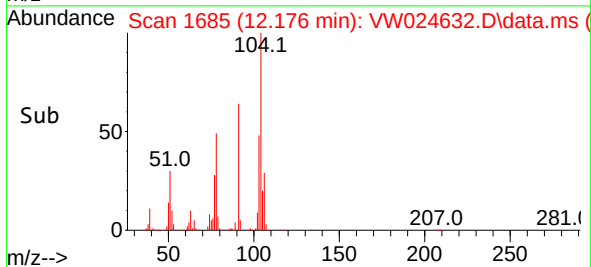
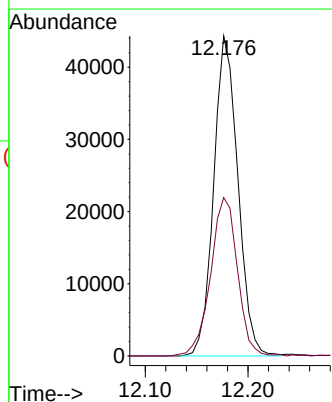
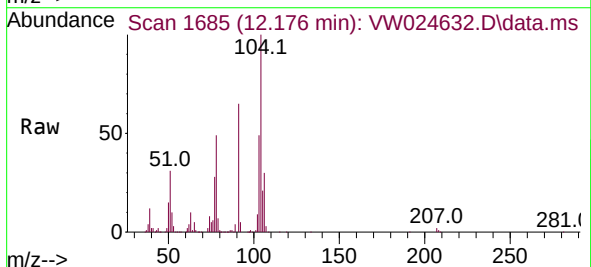
Acq: 26 Sep 2022 09:55

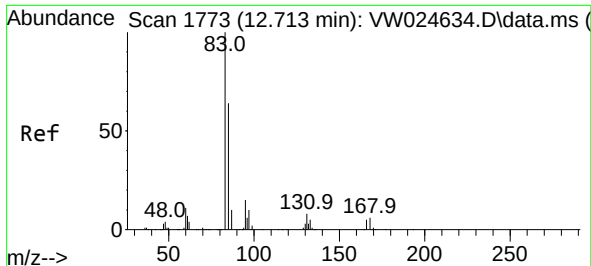
Tgt Ion:104 Resp: 72504

Ion Ratio Lower Upper

104 100

78 49.5 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 2.529 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5447

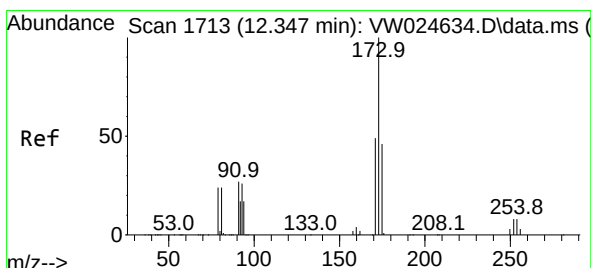
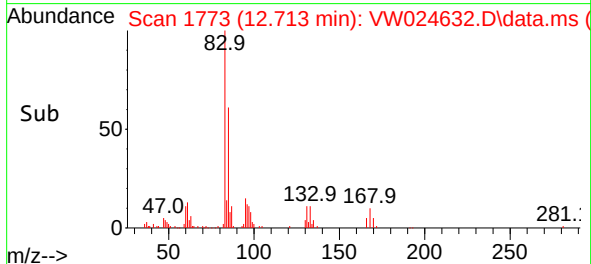
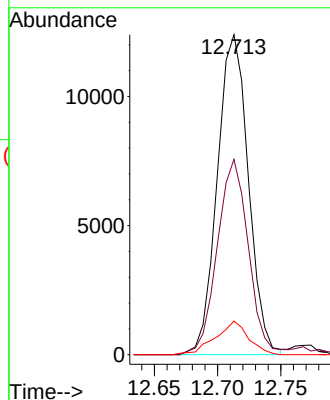
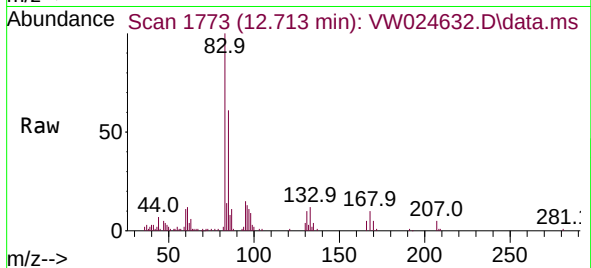
Tgt Ion: 83 Resp: 21173

Ion Ratio Lower Upper

83 100

85 61.0 45.2 84.0

131 10.5 7.3 10.9



#59

Bromoform

Concen: 2.507 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

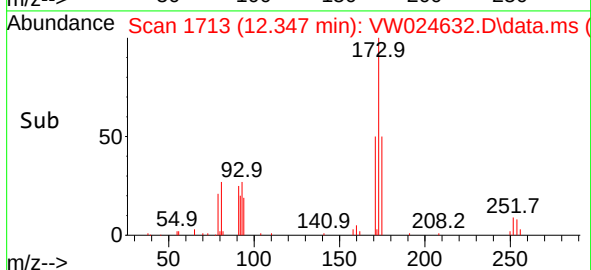
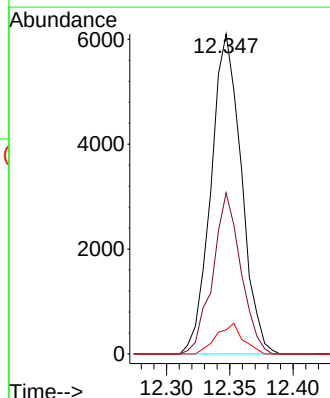
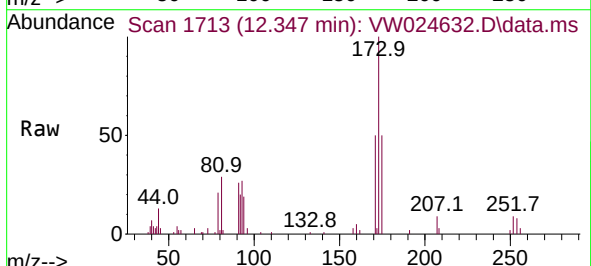
Tgt Ion: 173 Resp: 10191

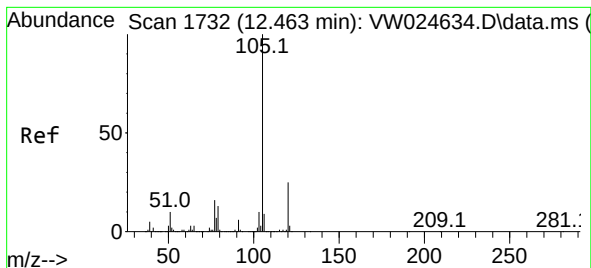
Ion Ratio Lower Upper

173 100

175 46.6 37.7 56.5

254 8.3 6.7 10.1





#60

Isopropylbenzene

Concen: 2.447 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5447

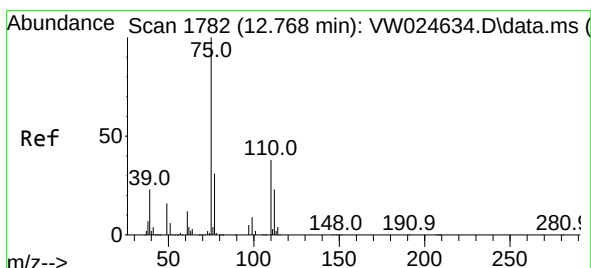
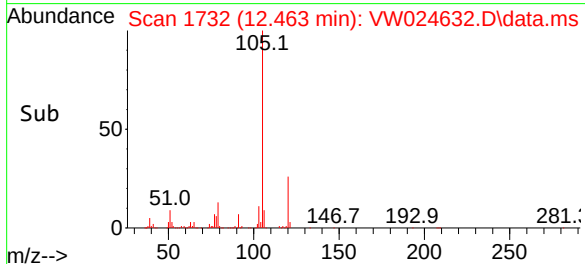
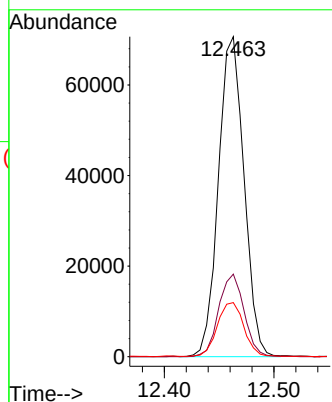
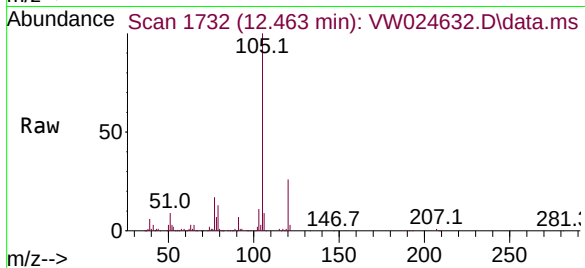
Tgt Ion:105 Resp: 114695

Ion Ratio Lower Upper

105 100

120 25.5 20.9 31.3

77 17.3 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 2.495 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

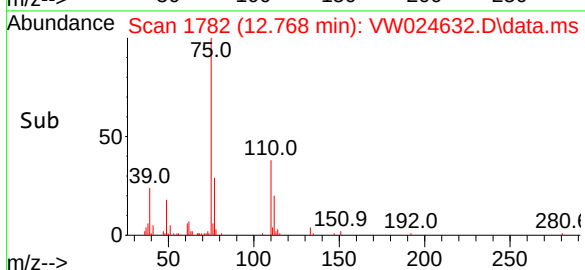
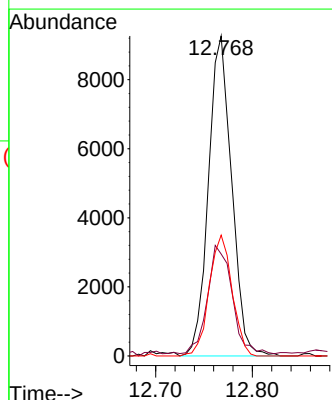
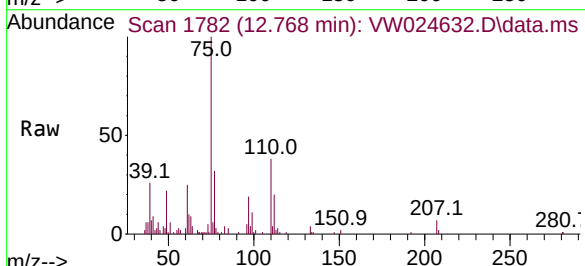
Tgt Ion: 75 Resp: 15456

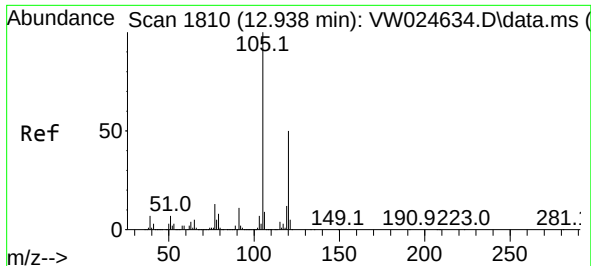
Ion Ratio Lower Upper

75 100

77 35.7 25.8 38.6

110 37.3 29.2 43.8

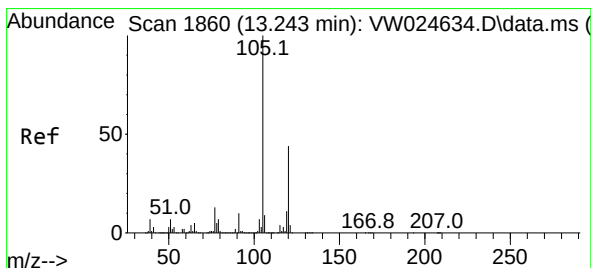
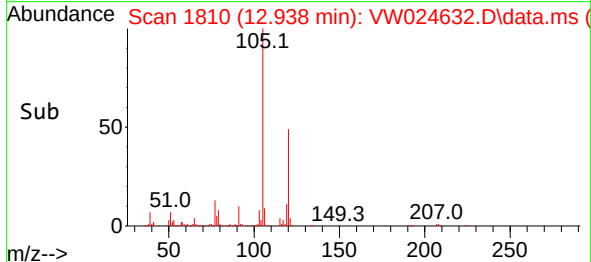
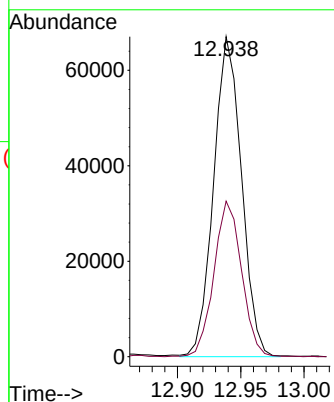
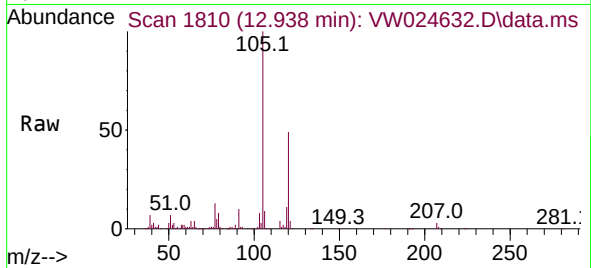




#62
1,3,5-Trimethylbenzene
Concen: 2.521 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

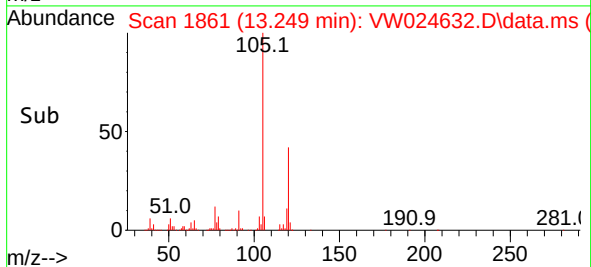
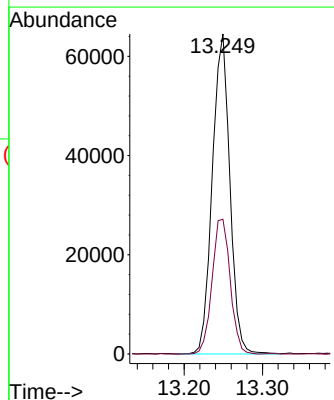
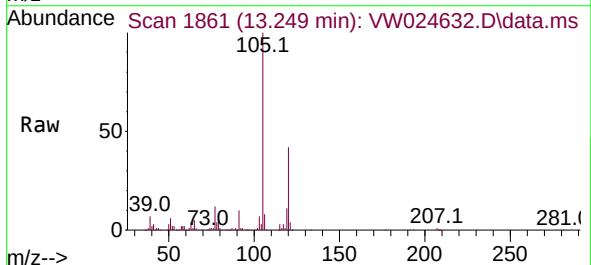
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

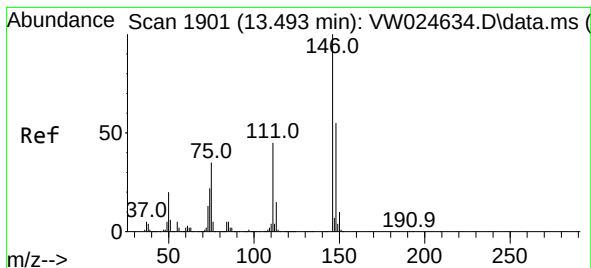
Tgt Ion:105 Resp: 102715
Ion Ratio Lower Upper
105 100
120 48.2 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 2.514 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt Ion:105 Resp: 100319
Ion Ratio Lower Upper
105 100
120 43.6 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 2.521 ug/L

RT: 13.499 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5447

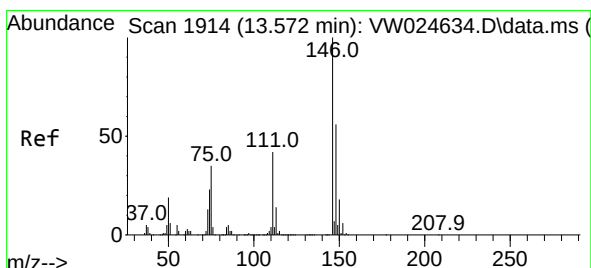
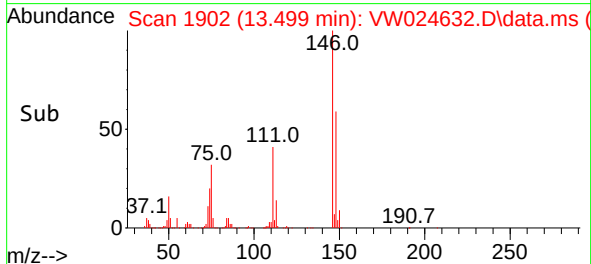
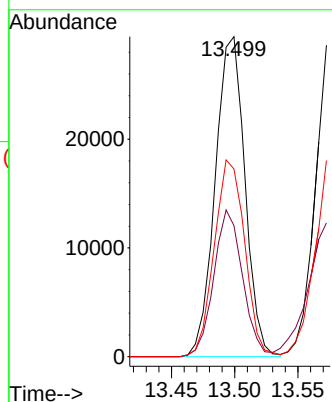
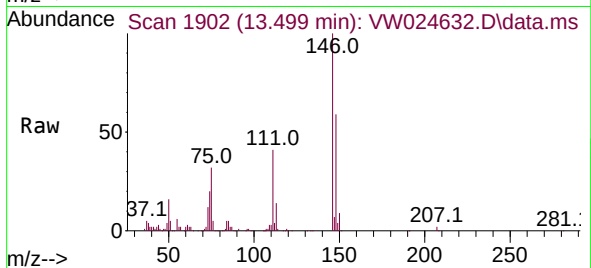
Tgt Ion:146 Resp: 48009

Ion Ratio Lower Upper

146 100

111 41.0 31.6 58.6

148 58.6 38.1 70.9



#65

1,4-Dichlorobenzene

Concen: 2.518 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

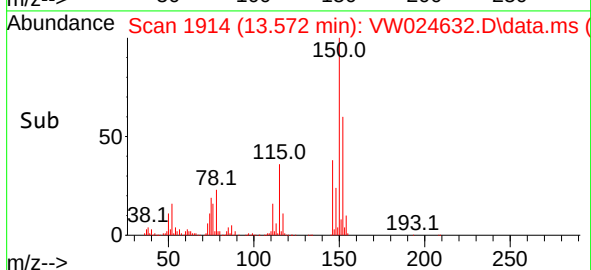
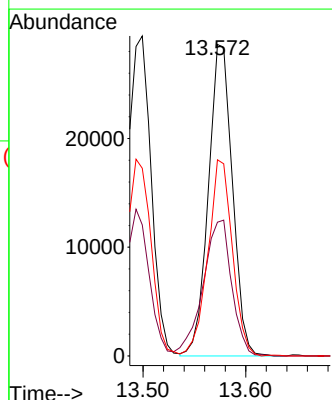
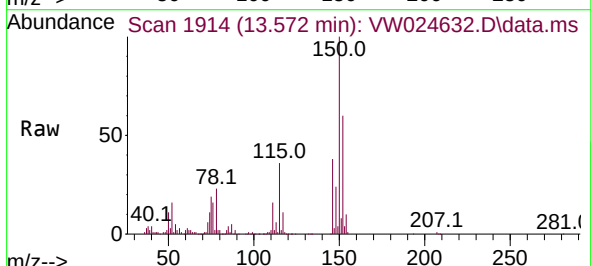
Tgt Ion:146 Resp: 46667

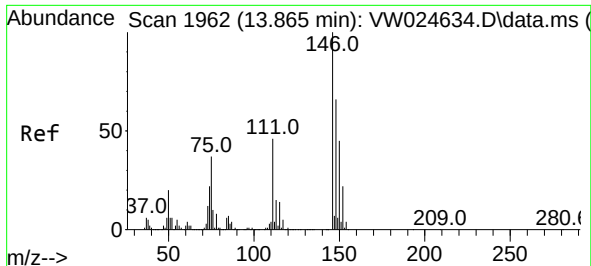
Ion Ratio Lower Upper

146 100

111 42.9 29.4 54.6

148 63.0 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 2.617 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5447

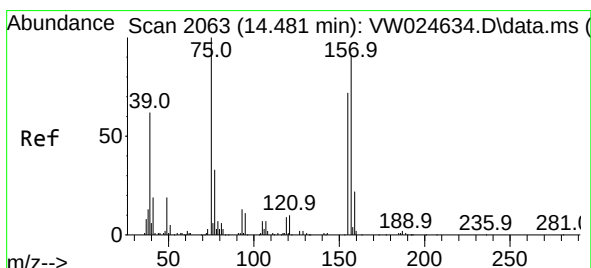
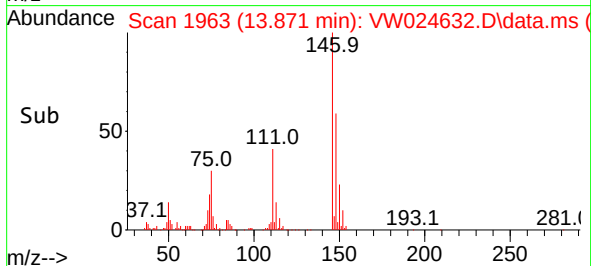
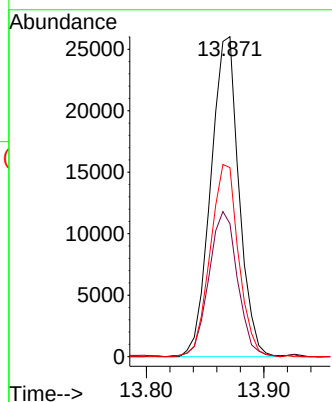
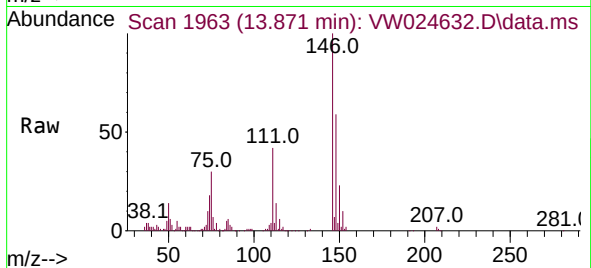
Tgt Ion:146 Resp: 43408

Ion Ratio Lower Upper

146 100

111 41.6 37.2 55.8

148 59.1 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.584 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW024632.D

Acq: 26 Sep 2022 09:55

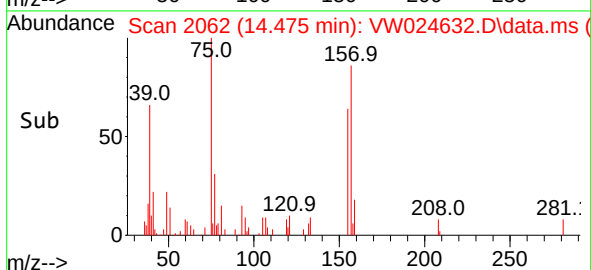
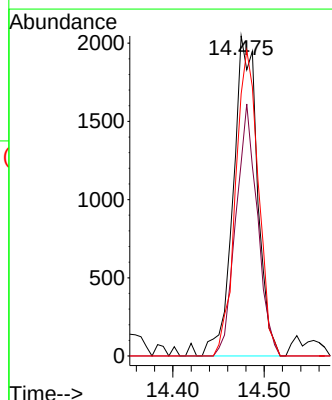
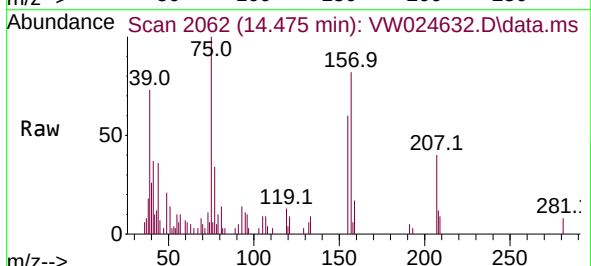
Tgt Ion: 75 Resp: 3785

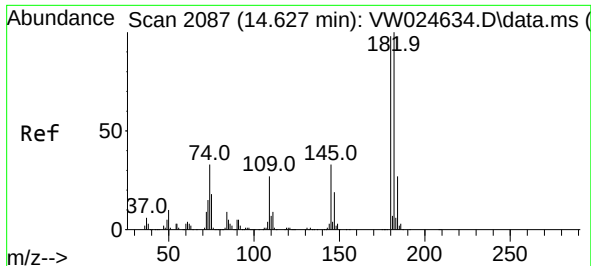
Ion Ratio Lower Upper

75 100

155 60.4 57.6 86.4

157 81.9 73.0 109.6

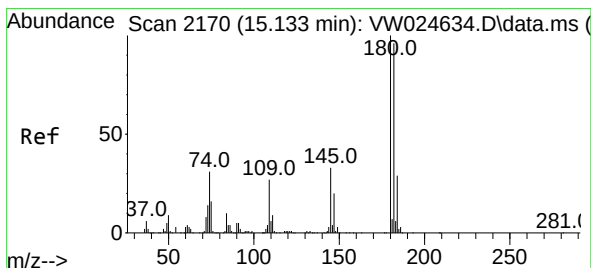
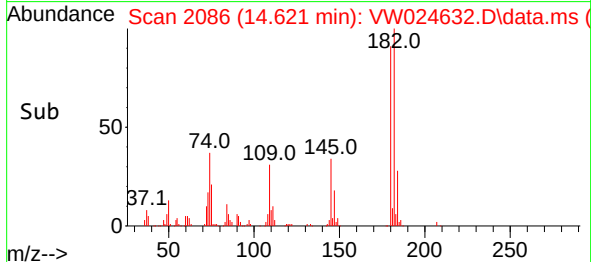
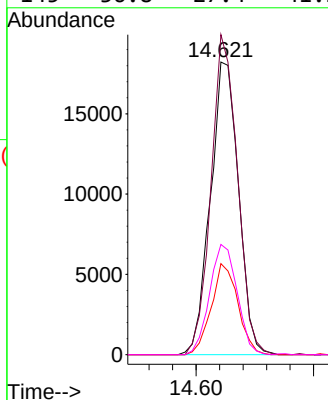
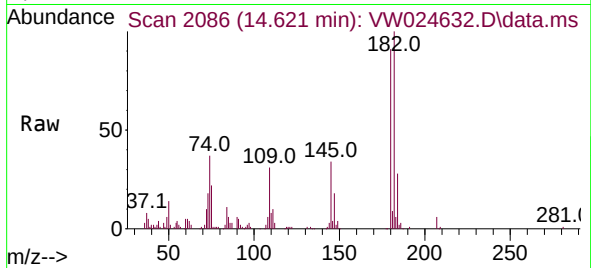




#69
1,3,5-Trichlorobenzene
Concen: 2.401 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

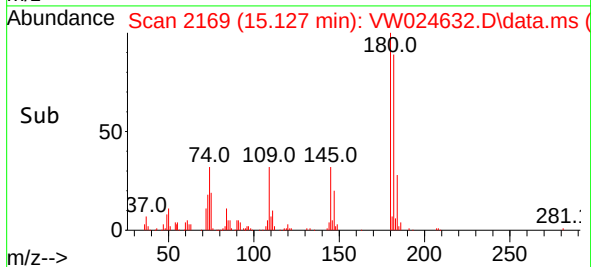
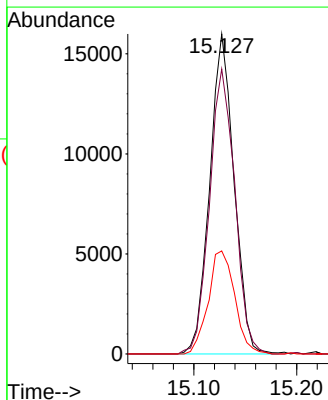
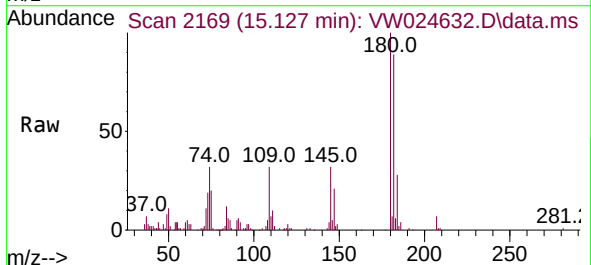
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

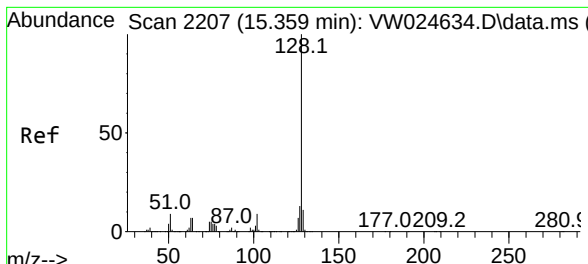
Tgt Ion:180	Resp:	30350
Ion Ratio	Lower	Upper
180	100	
182	102.4	77.1 115.7
184	29.5	23.3 34.9
145	36.8	27.4 41.2



#70
1,2,4-trichlorobenzene
Concen: 2.479 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt Ion:180	Resp:	26327
Ion Ratio	Lower	Upper
180	100	
182	92.4	76.8 115.2
145	35.0	29.0 43.4

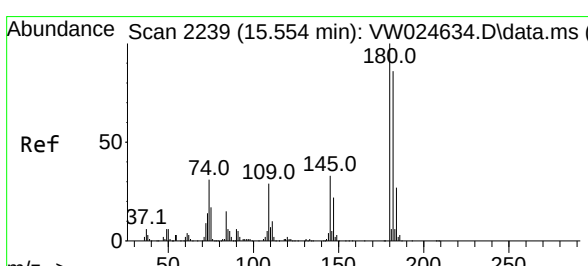
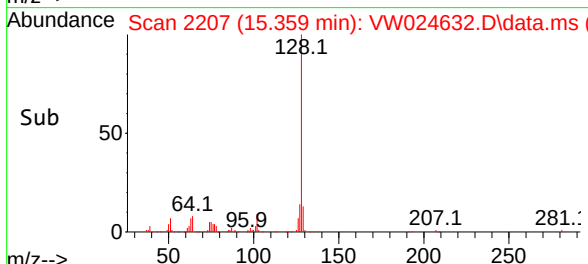
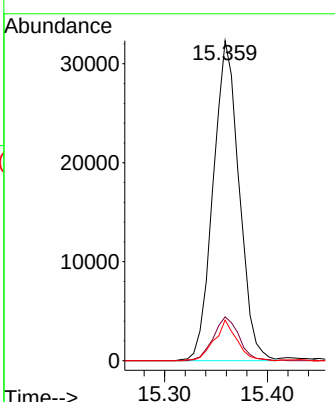
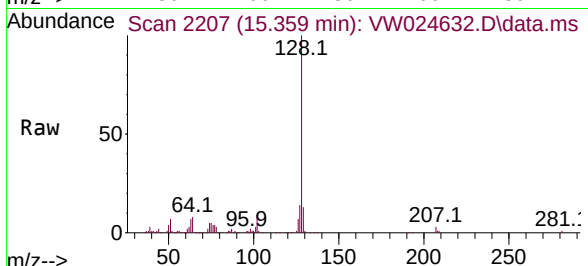




#71
Naphthalene
Concen: 2.453 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5447

Tgt Ion:	128	Resp:	56720
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	16.0
129	11.0	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 2.487 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024632.D
Acq: 26 Sep 2022 09:55

Tgt Ion:	180	Resp:	22478
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.4	116.2
145	38.7	30.6	45.8

