

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024636.D
 Acq On : 26 Sep 2022 11:31
 Operator : SY/VA
 Sample : VSTD10051
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100451

Quant Time: Sep 27 00:51:16 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	608149	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	556407	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	259439	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	730945	114.877	ug/L	0.00
7) Chloroethane-d5	2.885	69	392097	106.044	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	1493122	101.387	ug/L	0.00
21) 2-Butanone-d5	7.080	46	458540	201.873	ug/L	0.00
24) Chloroform-d	7.653	84	1599325	98.371	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	815980	96.750	ug/L	0.00
32) Benzene-d6	8.275	84	3294937	92.649	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	1024673	94.301	ug/L	0.00
41) Toluene-d8	10.323	98	2929991	92.180	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	465702	96.241	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	368773	198.358	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	742169	95.859	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	841231	92.146	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	465163	128.881	ug/L	93
3) Chloromethane	2.221	50	837016	115.119	ug/L	97
5) Vinyl chloride	2.367	62	872282	116.680	ug/L	98
6) Bromomethane	2.782	94	335453	97.227	ug/L	95
8) Chloroethane	2.922	64	353425	112.132	ug/L	100
9) Trichlorofluoromethane	3.257	101	426719	102.028	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	811673	101.753	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	836837	104.662	ug/L	100
13) Acetone	4.141	43	277574	165.834	ug/L	97
14) Carbon disulfide	4.391	76	2724600	108.484	ug/L	99
15) Methyl Acetate	4.678	43	405439	107.940	ug/L	99
16) Methylene chloride	4.922	84	860190	72.022	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	905865	101.496	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	1394629	98.483	ug/L	99
19) 1,1-Dichloroethane	6.220	63	1696664	101.452	ug/L	97
20) cis-1,2-Dichloroethene	7.092	96	94	0.010	ug/L	80
22) 2-Butanone	7.177	43	499891	187.085	ug/L	100
23) Bromochloromethane	7.519	128	398253	102.164	ug/L	98
25) Chloroform	7.677	83	1581668	99.735	ug/L	96
27) 1,2-Dichloroethane	8.403	62	1014564	101.670	ug/L	99
29) Cyclohexane	7.958	56	1660537	95.761	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	1272805	94.534	ug/L	99
31) Carbon tetrachloride	8.073	117	1090335	95.630	ug/L	98
33) Benzene	8.323	78	3662368	94.043	ug/L	100
34) Trichloroethene	9.092	95	955291	96.782	ug/L	96
35) Methylcyclohexane	9.335	83	1740314	96.181	ug/L	99
37) 1,2-Dichloropropane	9.372	63	926361	96.354	ug/L	100
38) Bromodichloromethane	9.646	83	1174322	99.300	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	1524401	100.267	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	1152071	202.448	ug/L	99
42) Toluene	10.390	91	3810813	94.759	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	1304297	100.064	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024636.D
 Acq On : 26 Sep 2022 11:31
 Operator : SY/VA
 Sample : VSTD10051
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100451

Quant Time: Sep 27 00:51:16 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

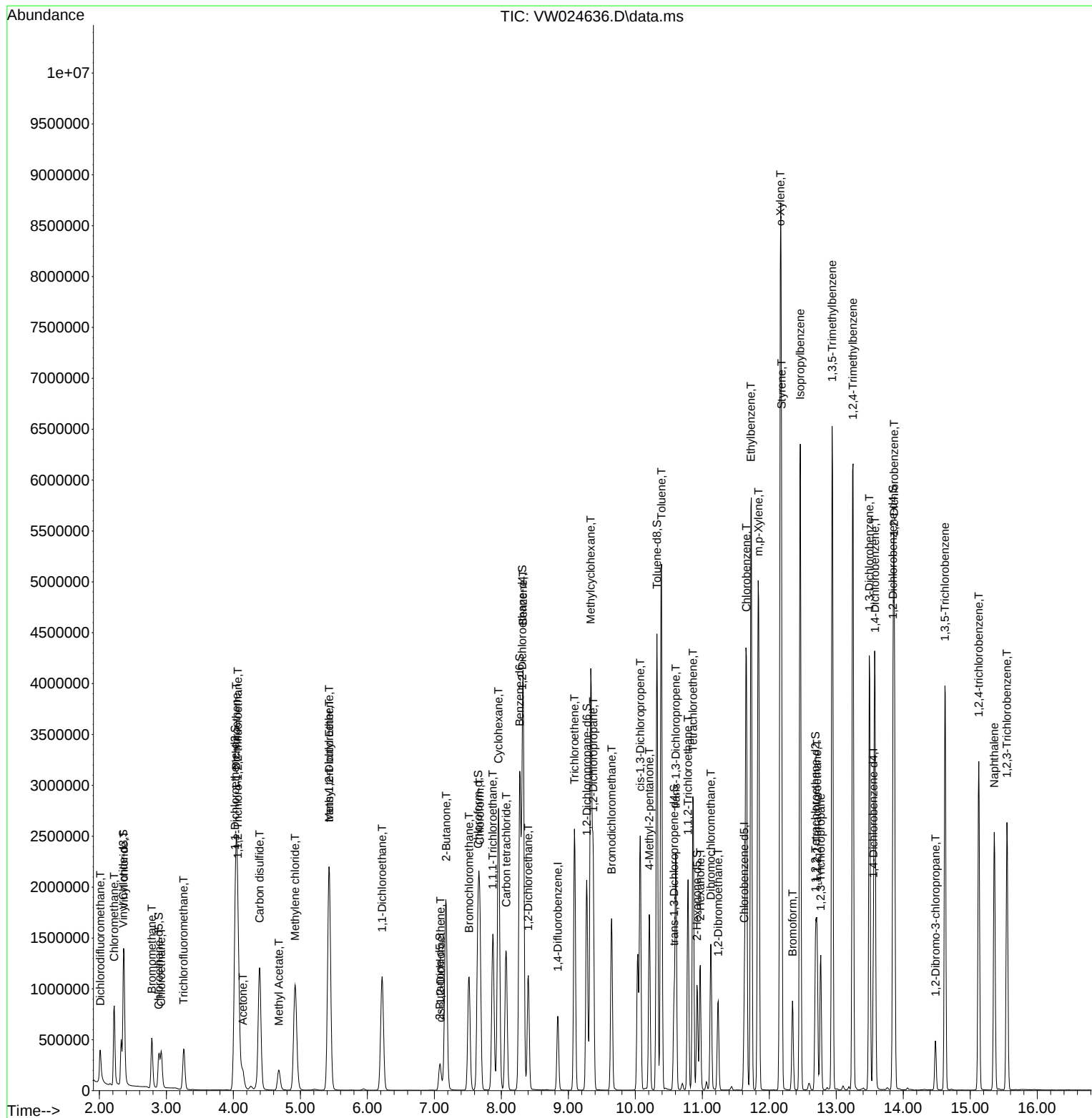
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	646616	98.465	ug/L	99
46) Tetrachloroethene	10.860	164	640366	95.484	ug/L	94
48) 2-Hexanone	10.969	43	776090	201.683	ug/L	99
49) Dibromochloromethane	11.128	129	749928	101.414	ug/L	93
50) 1,2-Dibromoethane	11.237	107	619954	99.738	ug/L	100
51) Chlorobenzene	11.658	112	2355411	95.656	ug/L	97
52) Ethylbenzene	11.725	91	4236520	95.639	ug/L	98
53) m,p-Xylene	11.841	106	1653660	95.601	ug/L	96
54) o-Xylene	12.164	106	1581944	96.846	ug/L	100
55) Styrene	12.182	104	2618002	95.073	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	762346	99.147	ug/L	97
59) Bromoform	12.347	173	386546	105.405	ug/L	98
60) Isopropylbenzene	12.463	105	4142205	97.961	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	560057	100.215	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	3602183	98.014	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	3505832	97.374	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	1695799	98.716	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	1609109	96.222	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	1456512	97.343	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	135449	102.491	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	1140143	99.959	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	951777	99.327	ug/L	99
71) Naphthalene	15.359	128	2162827	103.663	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	826332	101.325	ug/L	98

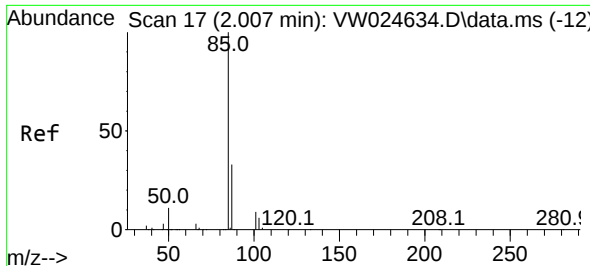
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
Data File : VW024636.D
Acq On : 26 Sep 2022 11:31
Operator : SY/VA
Sample : VSTD10051
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

Quant Time: Sep 27 00:51:16 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

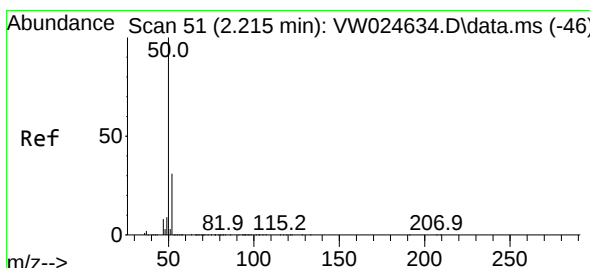
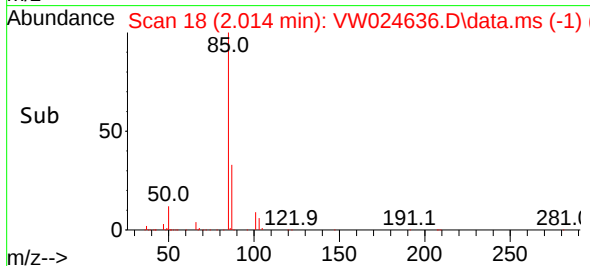
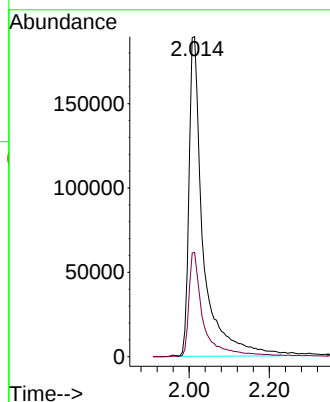
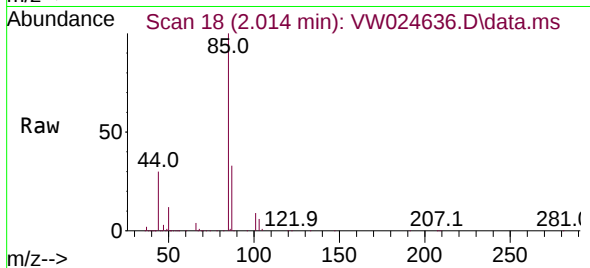




#2
Dichlorodifluoromethane
Concen: 128.881 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

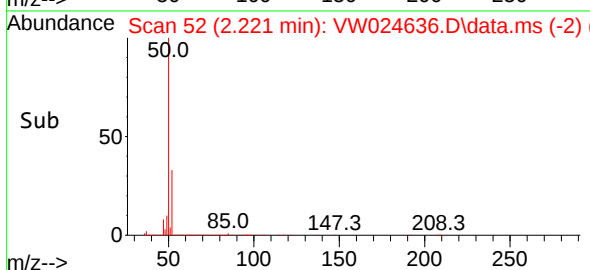
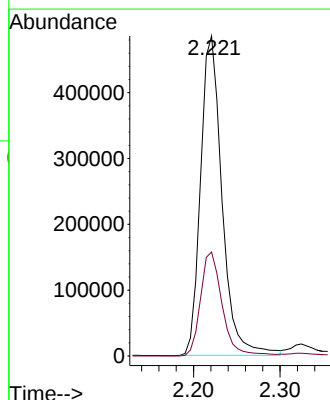
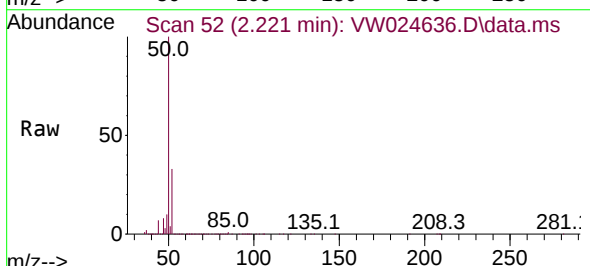
Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

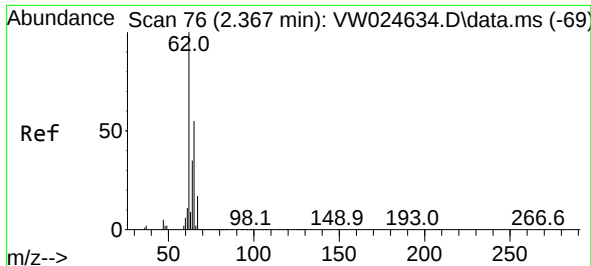
Tgt Ion: 85 Resp: 465163
Ion Ratio Lower Upper
85 100
87 31.6 28.8 43.2



#3
Chloromethane
Concen: 115.119 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion: 50 Resp: 837016
Ion Ratio Lower Upper
50 100
52 32.5 21.7 40.3

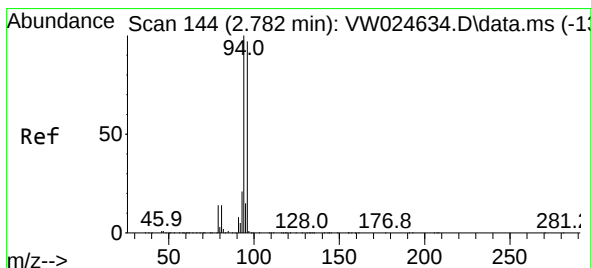
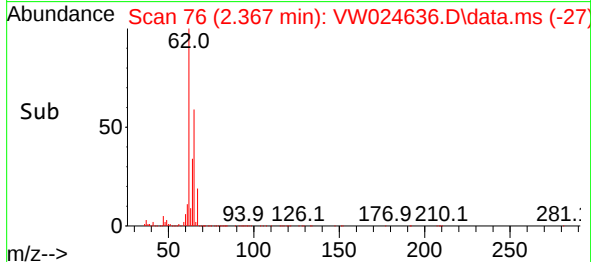
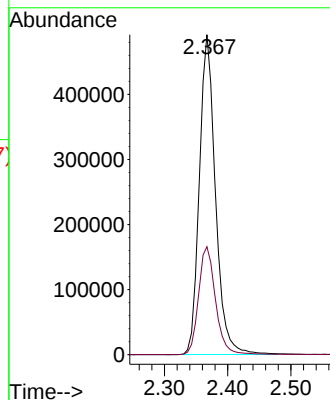
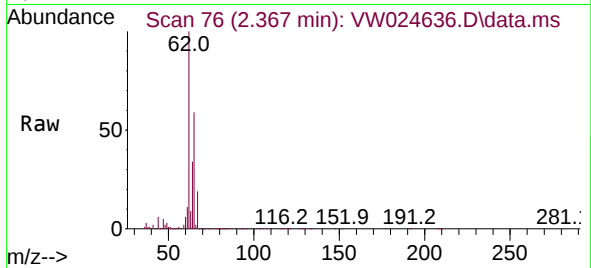




#5
 Vinyl chloride
 Concen: 116.680 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024636.D
 Acq: 26 Sep 2022 11:31

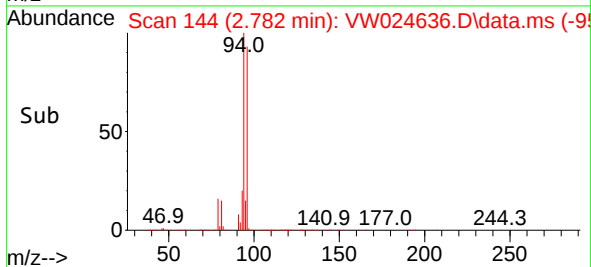
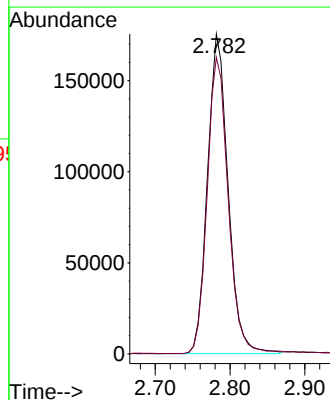
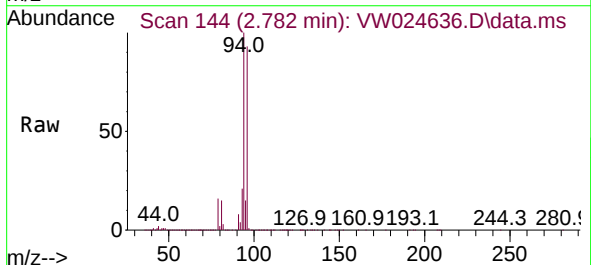
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100451

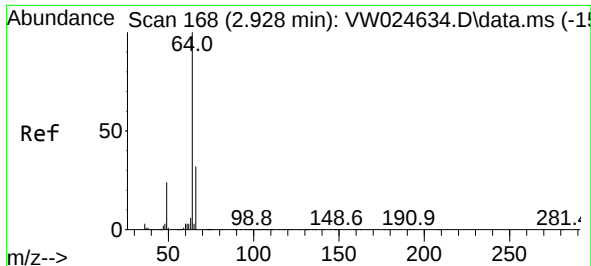
Tgt Ion: 62 Resp: 872282
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.4 45.2



#6
 Bromomethane
 Concen: 97.227 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024636.D
 Acq: 26 Sep 2022 11:31

Tgt Ion: 94 Resp: 335453
 Ion Ratio Lower Upper
 94 100
 96 92.6 68.0 126.2

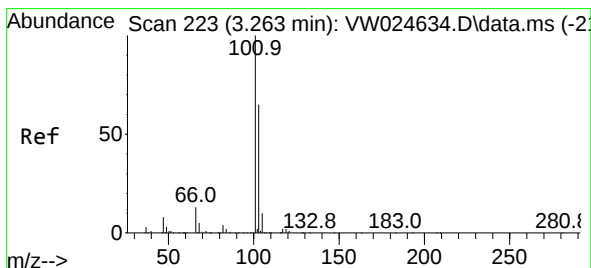
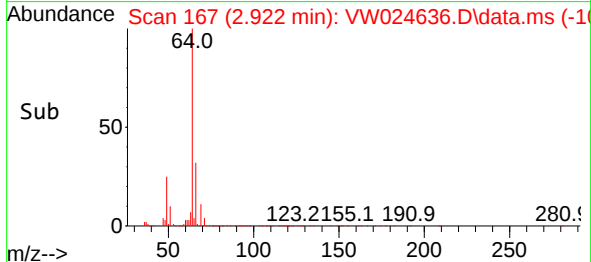
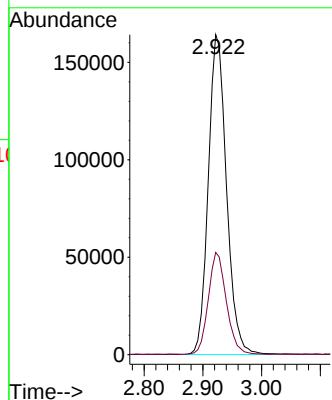
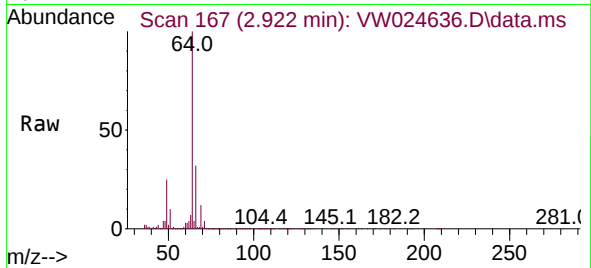




#8
Chloroethane
Concen: 112.132 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

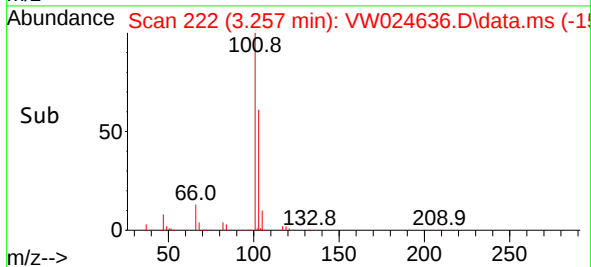
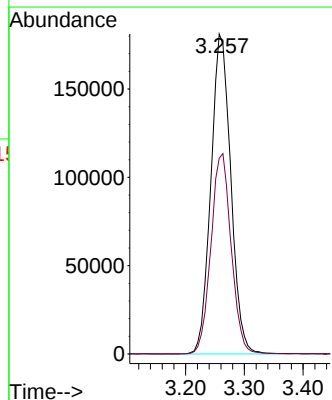
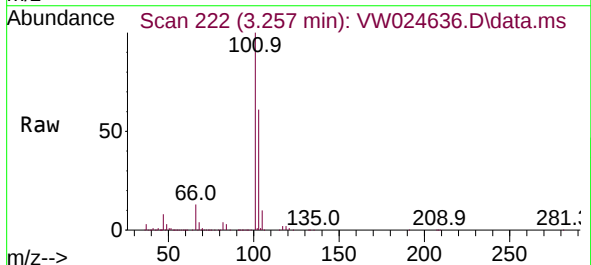
Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

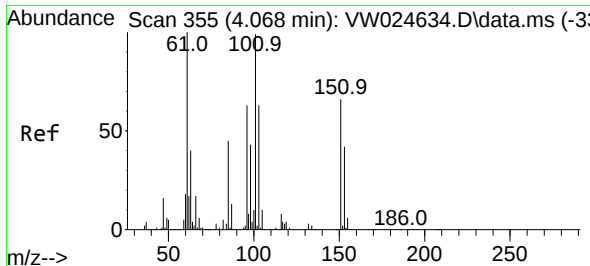
Tgt Ion: 64 Resp: 353425
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 102.028 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion: 101 Resp: 426719
Ion Ratio Lower Upper
101 100
103 63.6 53.4 80.2

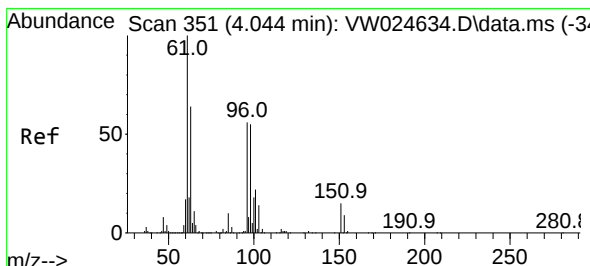
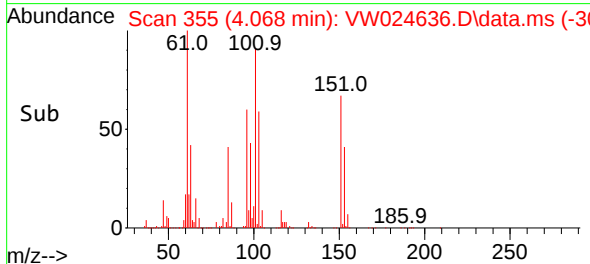
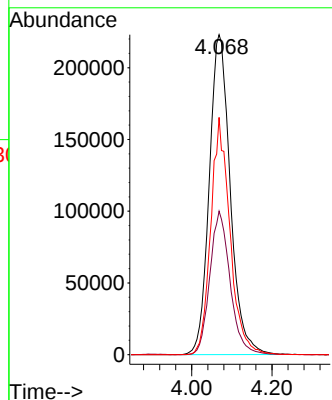
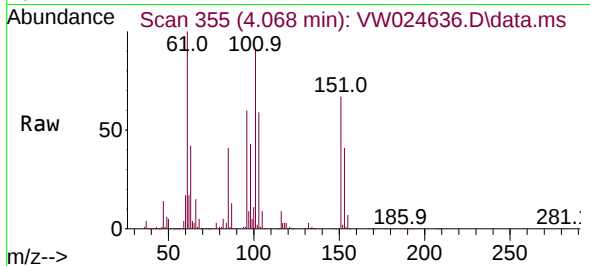




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 101.753 ug/L
 RT: 4.068 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VW024636.D
 Acq: 26 Sep 2022 11:31

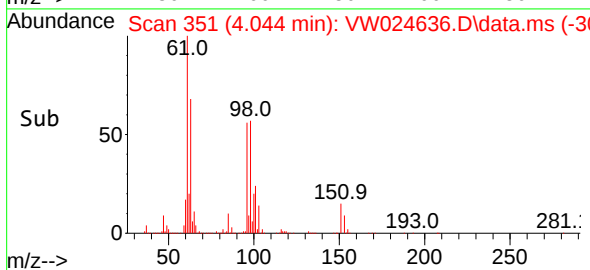
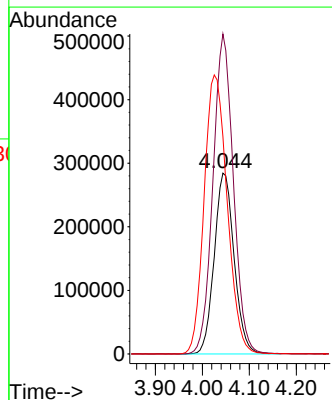
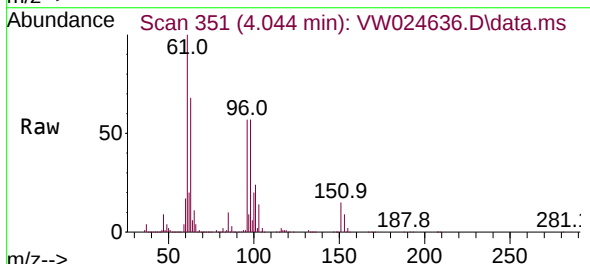
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100451

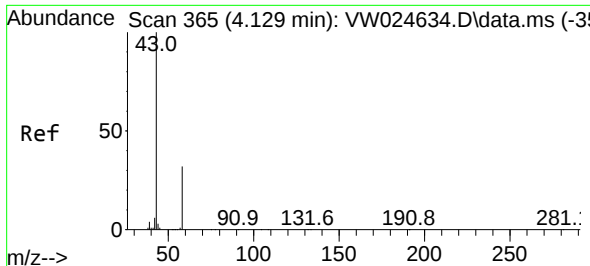
Tgt Ion:101 Resp: 811673
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.9 52.3
 151 67.7 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 104.662 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024636.D
 Acq: 26 Sep 2022 11:31

Tgt Ion: 96 Resp: 836837
 Ion Ratio Lower Upper
 96 100
 61 176.9 124.5 231.1
 63 120.2 84.1 156.1

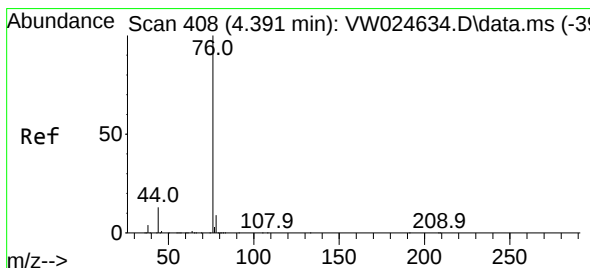
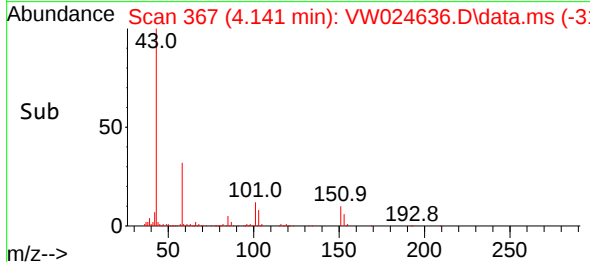
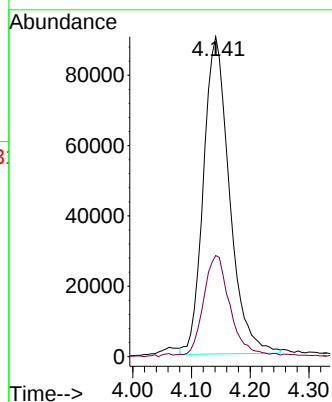
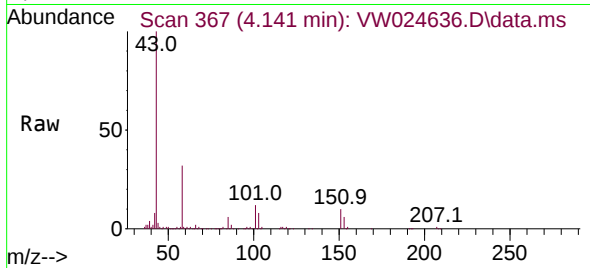




#13
Acetone
Concen: 165.834 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

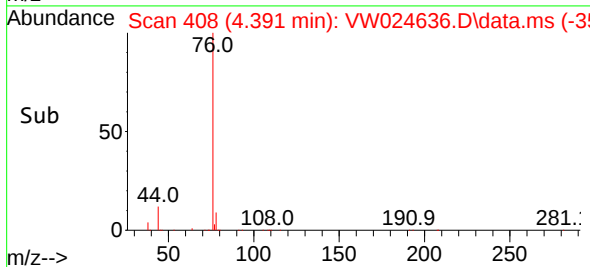
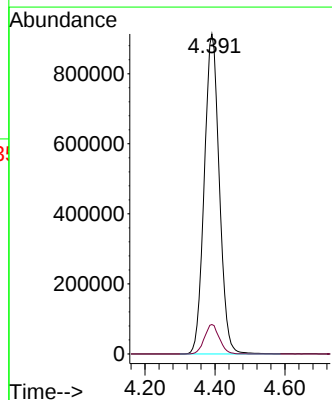
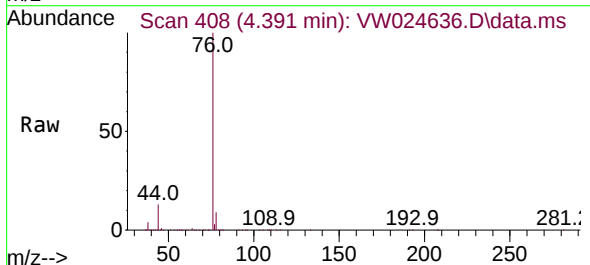
Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

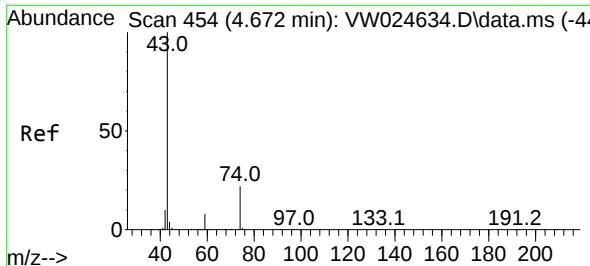
Tgt Ion: 43 Resp: 277574
Ion Ratio Lower Upper
43 100
58 32.2 0.0 67.6



#14
Carbon disulfide
Concen: 108.484 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion: 76 Resp: 2724600
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

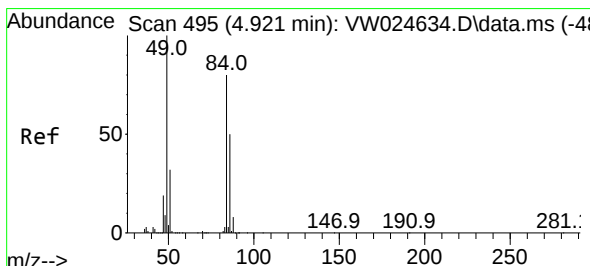
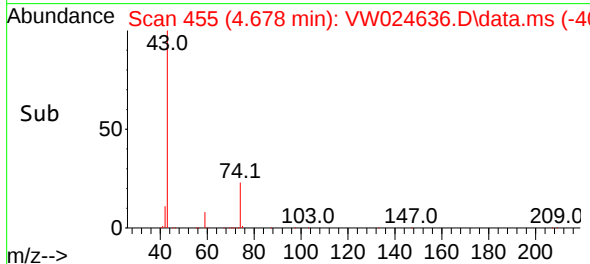
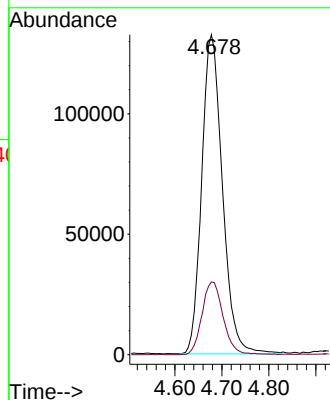
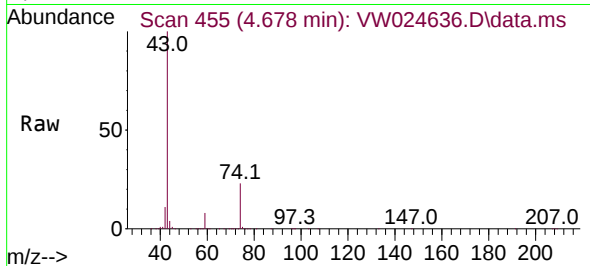




#15
Methyl Acetate
Concen: 107.940 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

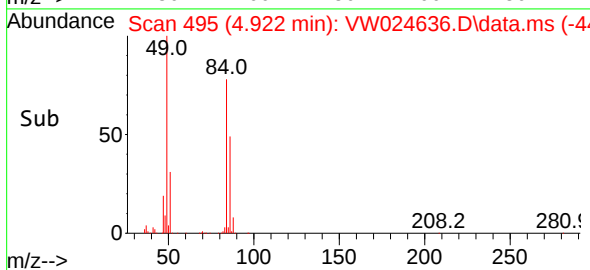
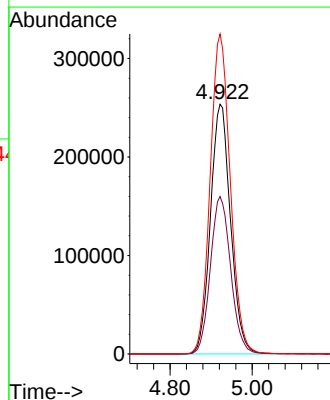
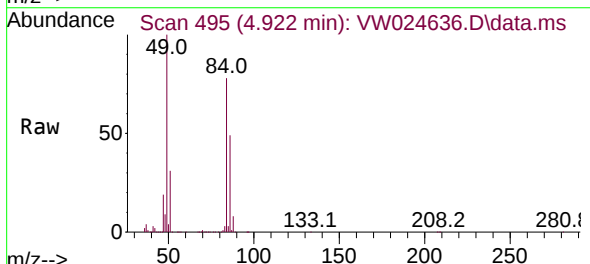
Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

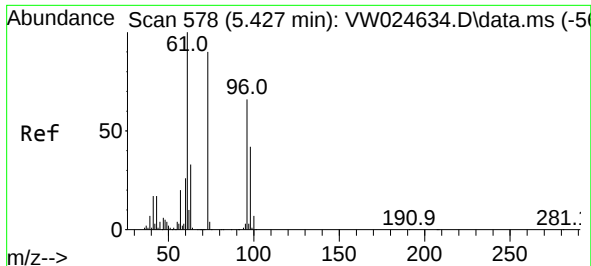
Tgt Ion: 43 Resp: 405439
Ion Ratio Lower Upper
43 100
74 23.1 18.1 27.1



#16
Methylene chloride
Concen: 72.022 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion: 84 Resp: 860190
Ion Ratio Lower Upper
84 100
86 63.0 44.0 81.8
49 128.1 87.4 162.2

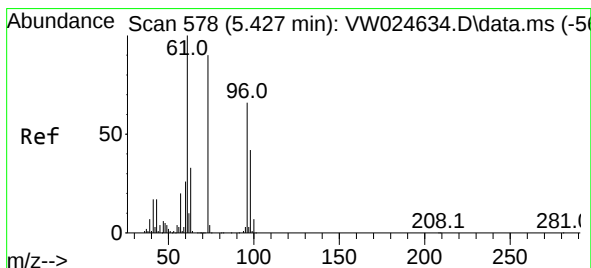
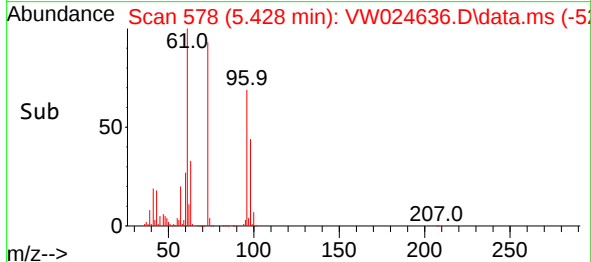
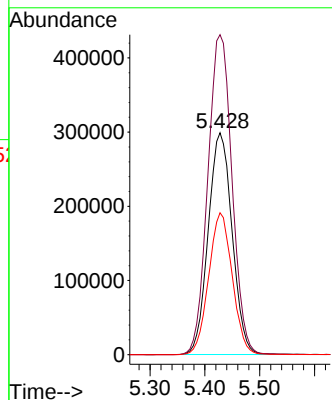
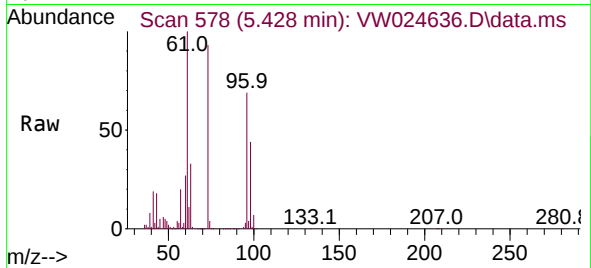




#17
trans-1,2-Dichloroethene
Concen: 101.496 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

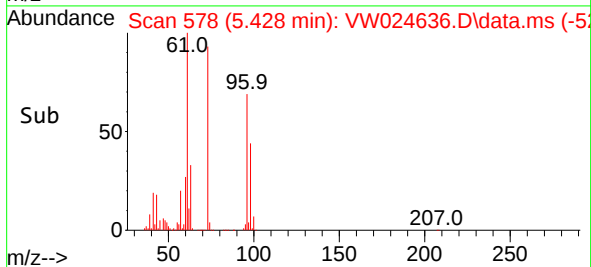
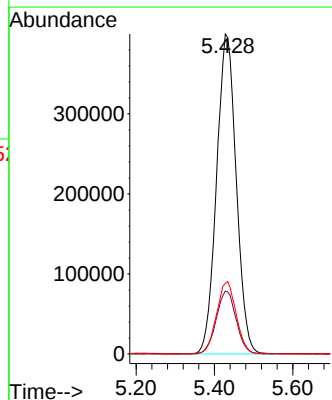
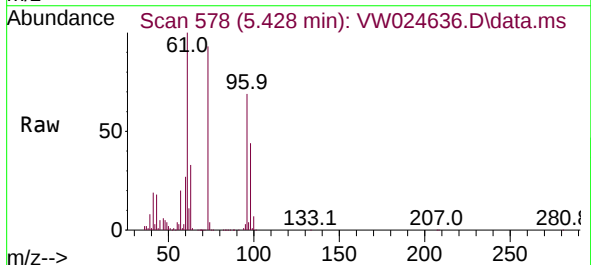
Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

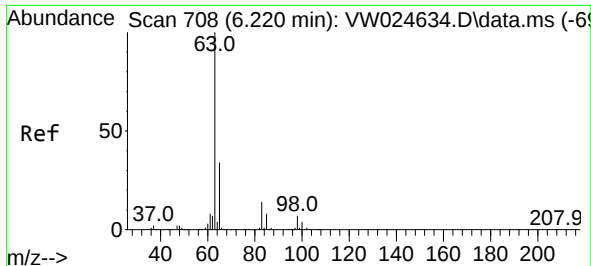
Tgt Ion: 96 Resp: 905865
Ion Ratio Lower Upper
96 100
61 144.2 106.3 197.5
98 63.9 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 98.483 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion: 73 Resp: 1394629
Ion Ratio Lower Upper
73 100
43 19.8 15.6 23.4
57 22.6 18.3 27.5





#19

1,1-Dichloroethane

Concen: 101.452 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Instrument :

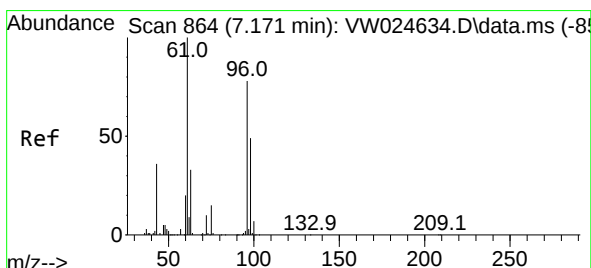
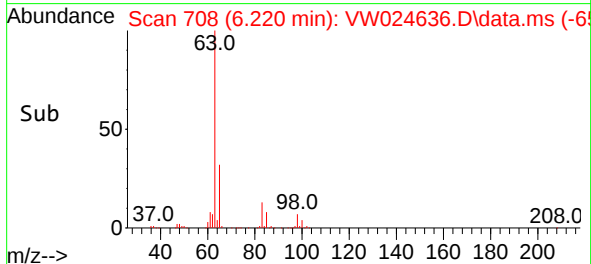
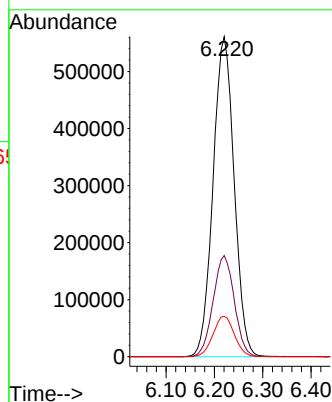
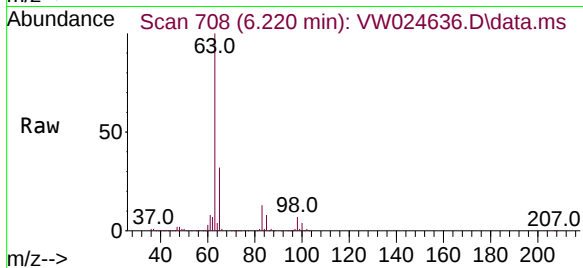
MSVOA_W

ClientSampleId :

VSTD100451

Tgt Ion: 63 Resp: 1696664

Ion	Ratio	Lower	Upper
63	100		
65	31.6	23.7	43.9
83	12.6	9.4	17.6



#20

cis-1,2-Dichloroethene

Concen: 0.010 ug/L

RT: 7.092 min Scan# 851

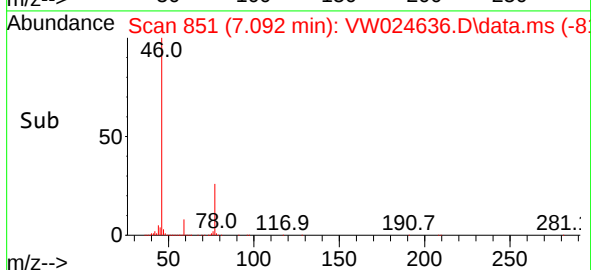
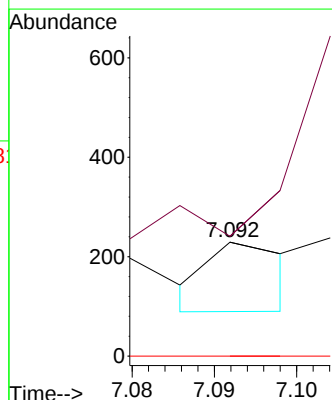
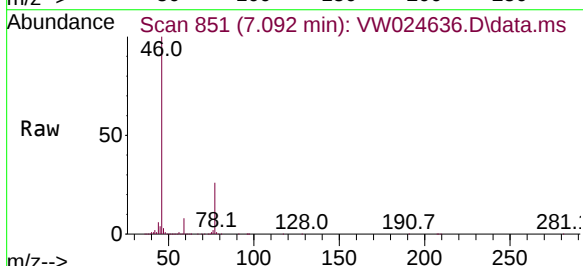
Delta R.T. -0.079 min

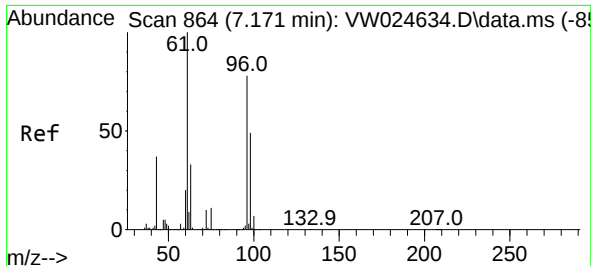
Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Tgt Ion: 96 Resp: 94

Ion	Ratio	Lower	Upper
96	100		
61	105.2	90.2	167.4
68	0.0	0.0	0.0

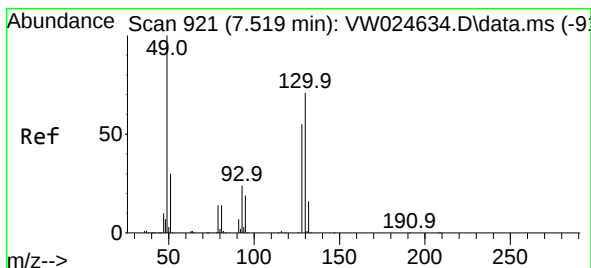
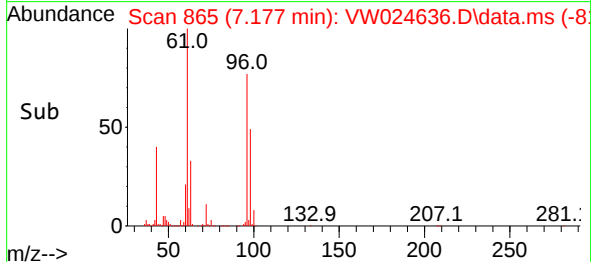
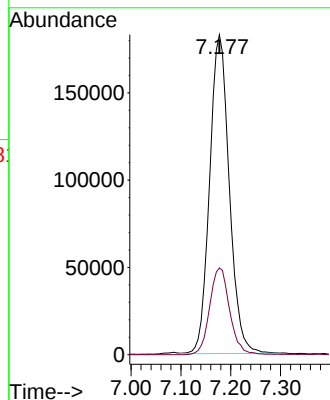
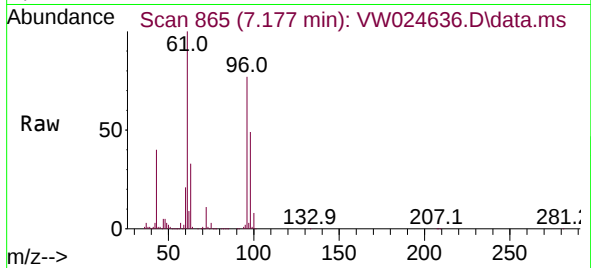




#22
2-Butanone
Concen: 187.085 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

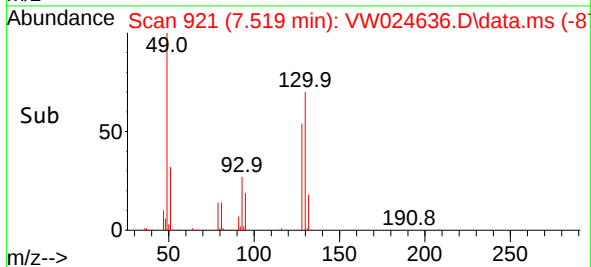
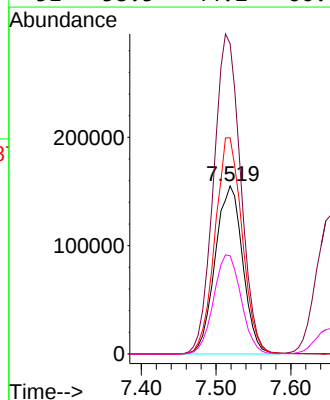
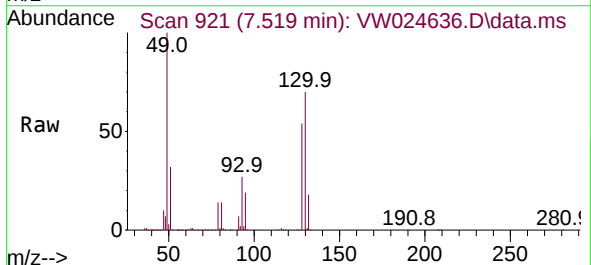
Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

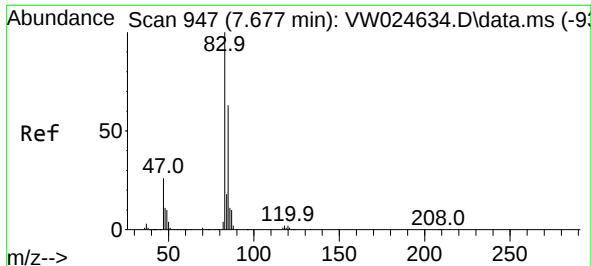
Tgt Ion: 43 Resp: 499891
Ion Ratio Lower Upper
43 100
72 27.6 13.8 41.3



#23
Bromochloromethane
Concen: 102.164 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion: 128 Resp: 398253
Ion Ratio Lower Upper
128 100
49 184.7 127.3 236.3
130 128.7 90.2 167.4
51 58.5 44.2 66.4





#25

Chloroform

Concen: 99.735 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Instrument :

MSVOA_W

ClientSampleId :

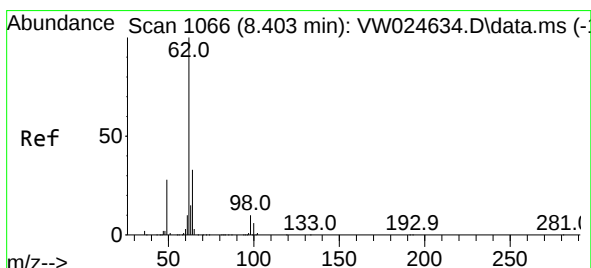
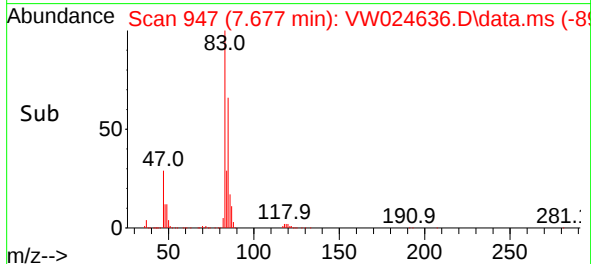
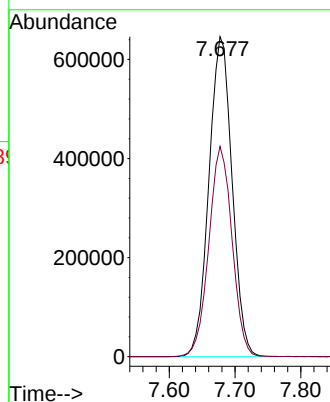
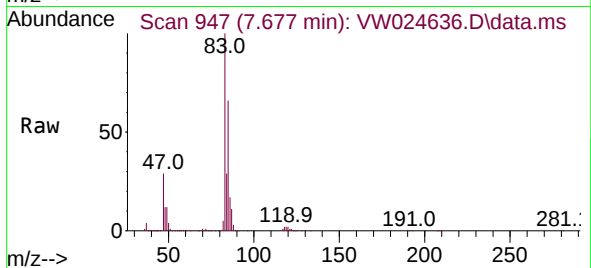
VSTD100451

Tgt Ion: 83 Resp: 1581668

Ion Ratio Lower Upper

83 100

85 65.7 44.0 81.8



#27

1,2-Dichloroethane

Concen: 101.670 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW024636.D

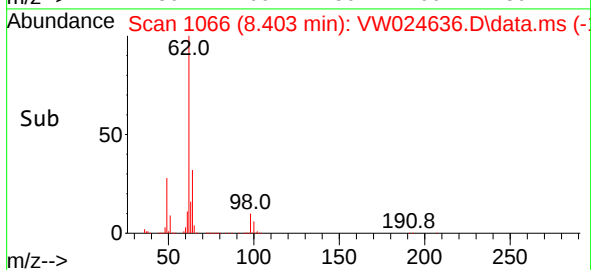
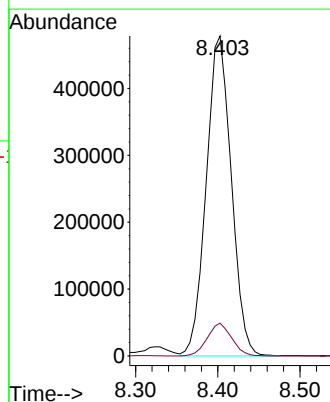
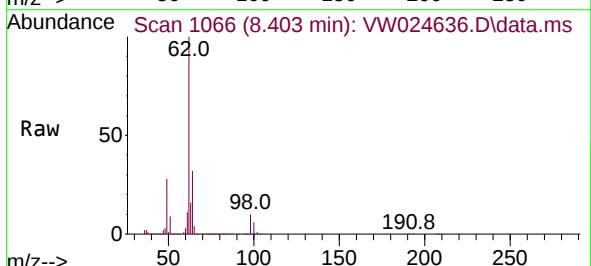
Acq: 26 Sep 2022 11:31

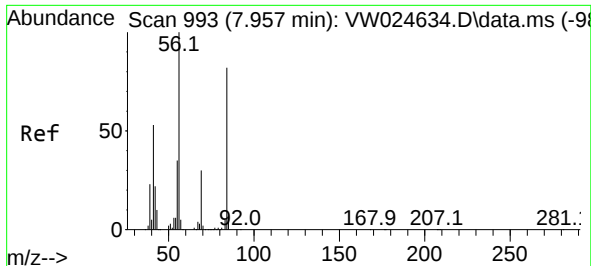
Tgt Ion: 62 Resp: 1014564

Ion Ratio Lower Upper

62 100

98 10.3 7.8 11.8





#29

Cyclohexane

Concen: 95.761 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Instrument :

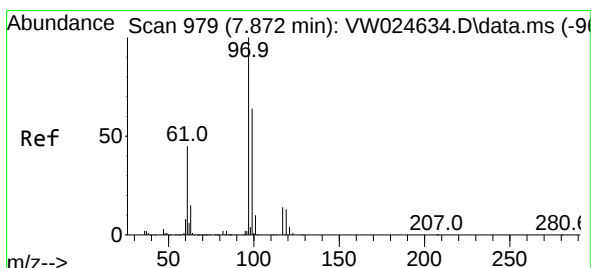
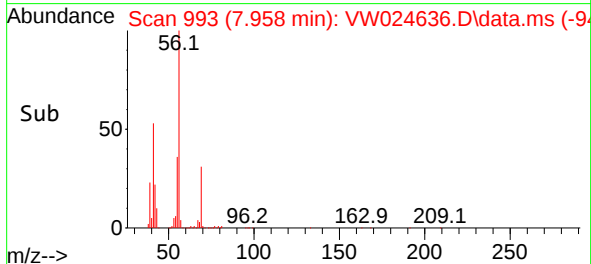
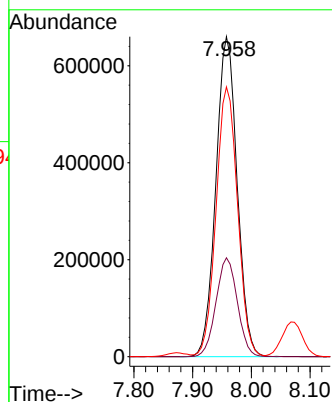
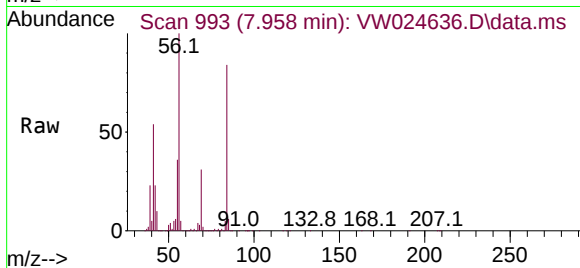
MSVOA_W

ClientSampleId :

VSTD100451

Tgt Ion: 56 Resp: 1660537

Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.0	37.4
84	85.4	68.1	102.1



#30

1,1,1-Trichloroethane

Concen: 94.534 ug/L

RT: 7.872 min Scan# 979

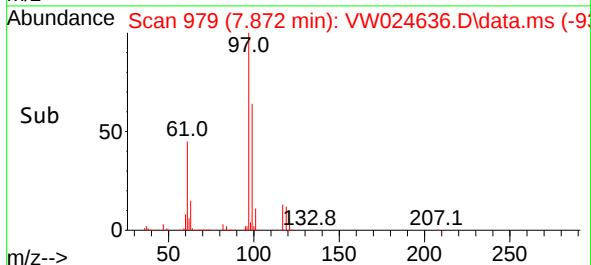
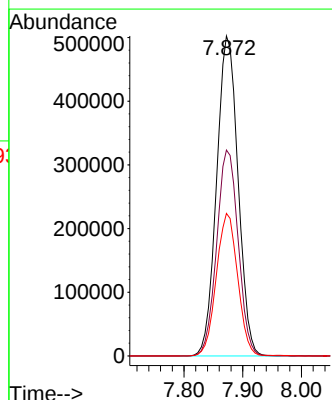
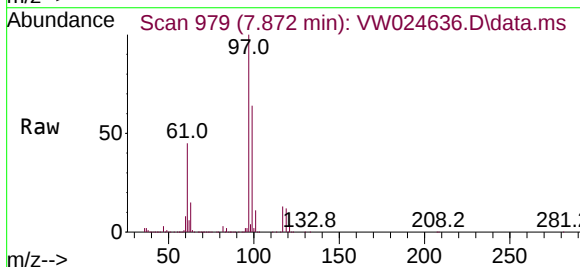
Delta R.T. 0.000 min

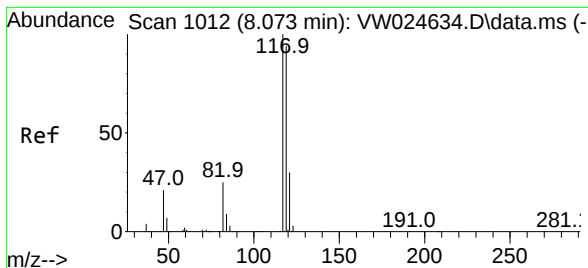
Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Tgt Ion: 97 Resp: 1272805

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.1	76.7
61	44.3	35.8	53.6





#31

Carbon tetrachloride

Concen: 95.630 ug/L

RT: 8.073 min Scan# 1012

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Instrument :

MSVOA_W

ClientSampleId :

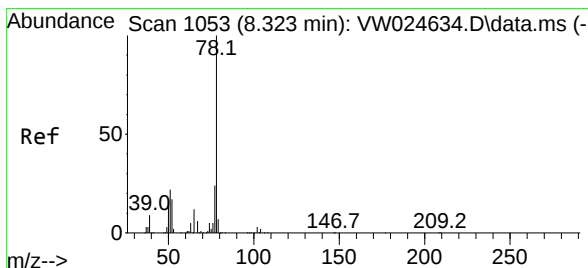
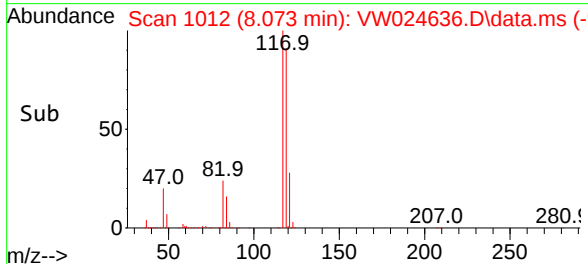
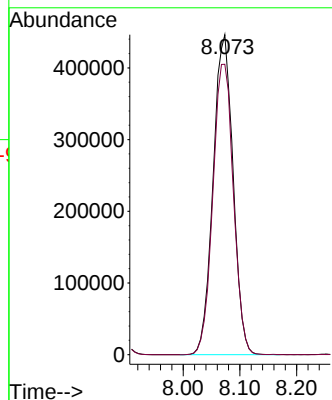
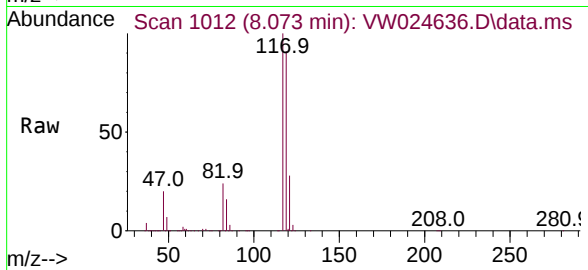
VSTD100451

Tgt Ion:117 Resp: 1090335

Ion Ratio Lower Upper

117 100

119 93.7 76.2 114.2



#33

Benzene

Concen: 94.043 ug/L

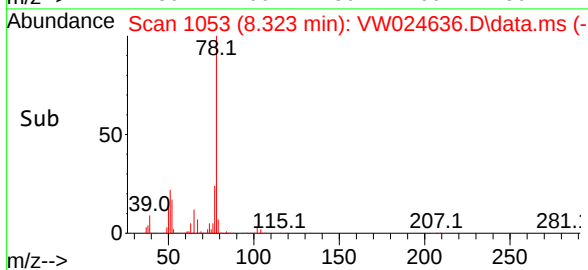
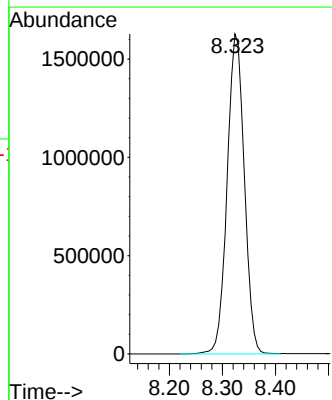
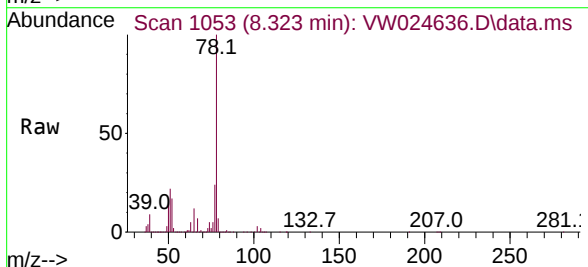
RT: 8.323 min Scan# 1053

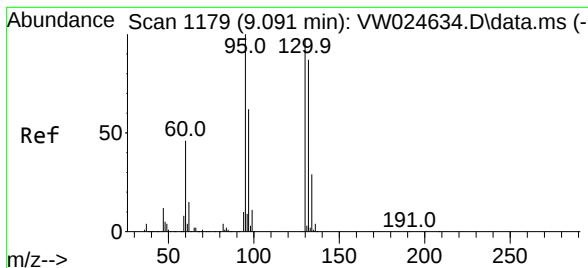
Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Tgt Ion: 78 Resp: 3662368





#34

Trichloroethene

Concen: 96.782 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD100451

Tgt Ion: 95 Resp: 955291

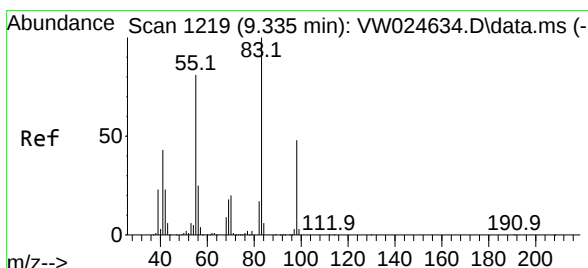
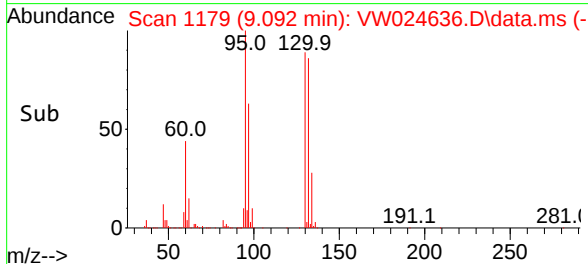
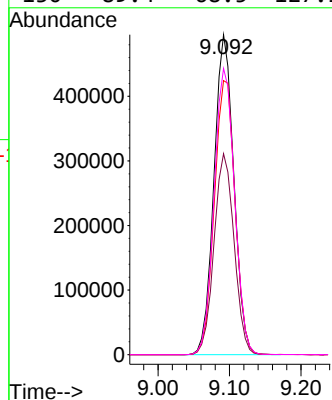
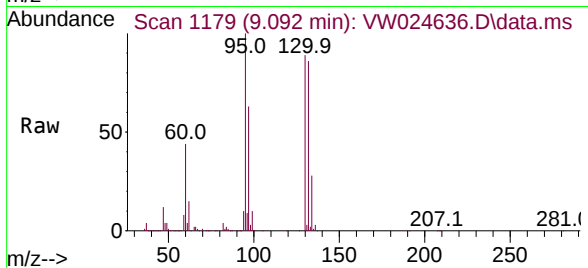
Ion Ratio Lower Upper

95 100

97 62.8 43.5 80.9

132 85.6 61.2 113.8

130 89.4 68.5 127.1



#35

Methylcyclohexane

Concen: 96.181 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

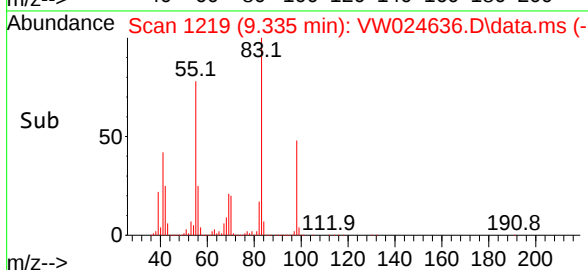
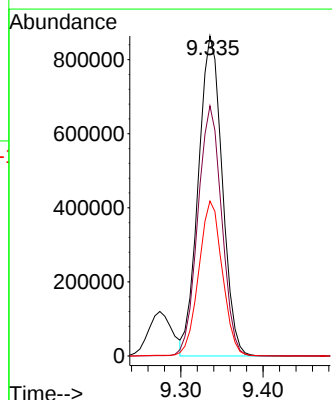
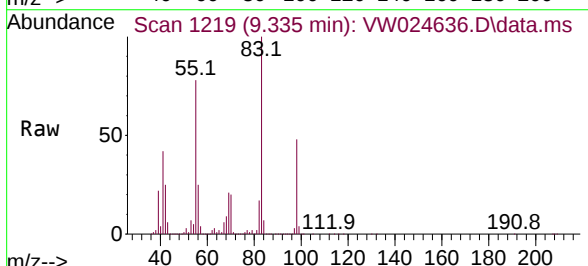
Tgt Ion: 83 Resp: 1740314

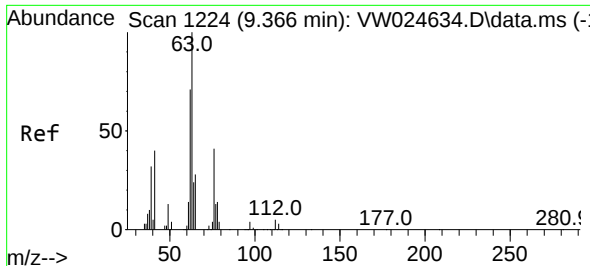
Ion Ratio Lower Upper

83 100

55 78.2 63.1 94.7

98 47.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 96.354 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Instrument :

MSVOA_W

ClientSampleId :

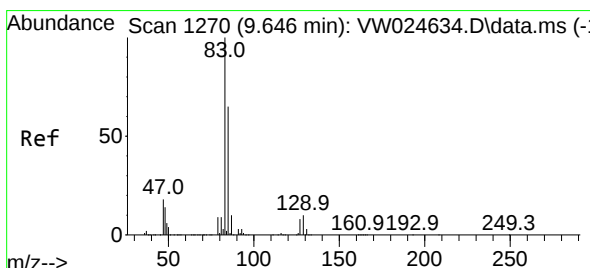
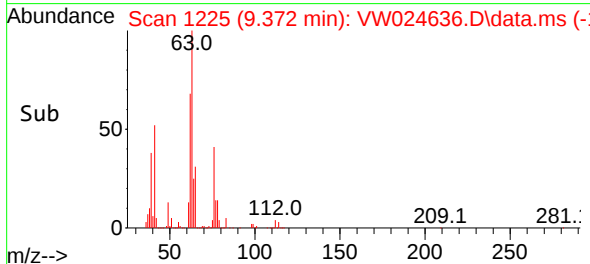
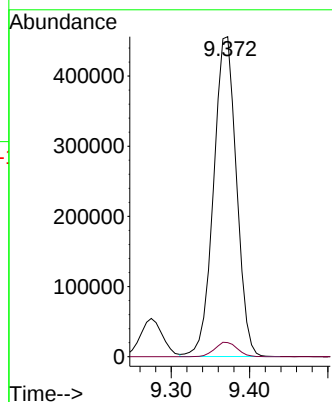
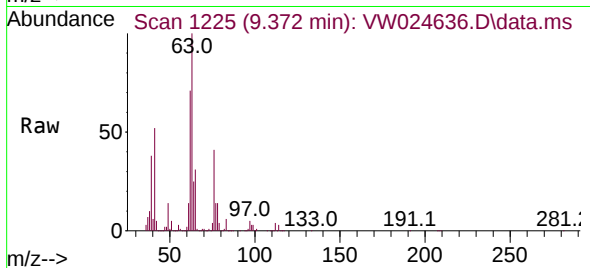
VSTD100451

Tgt Ion: 63 Resp: 926361

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 99.300 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

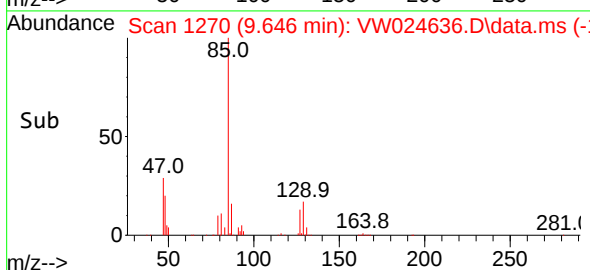
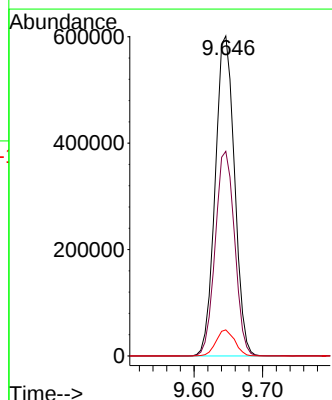
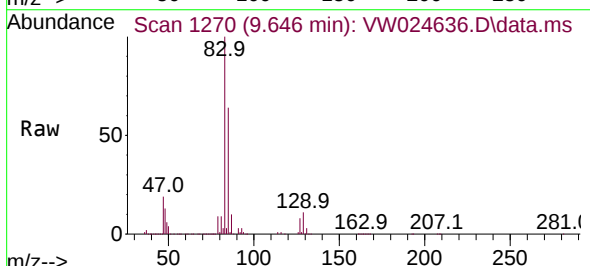
Tgt Ion: 83 Resp: 1174322

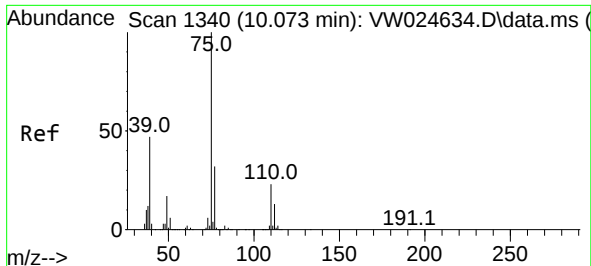
Ion Ratio Lower Upper

83 100

85 64.0 45.6 84.8

127 8.1 6.4 9.6

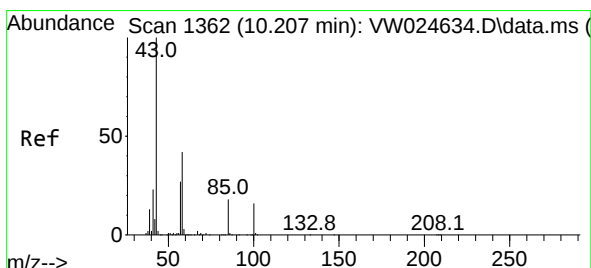
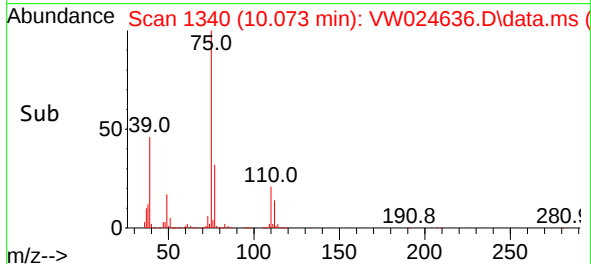
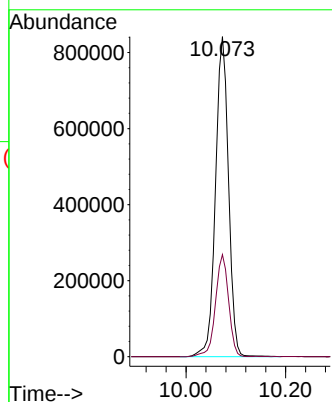
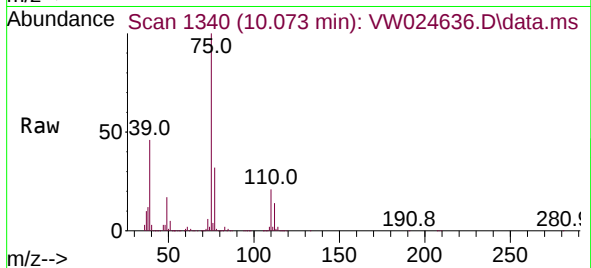




#39
 cis-1,3-Dichloropropene
 Concen: 100.267 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024636.D
 Acq: 26 Sep 2022 11:31

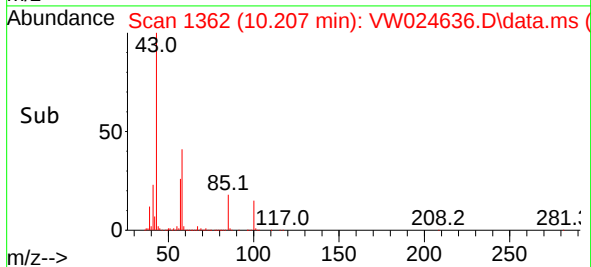
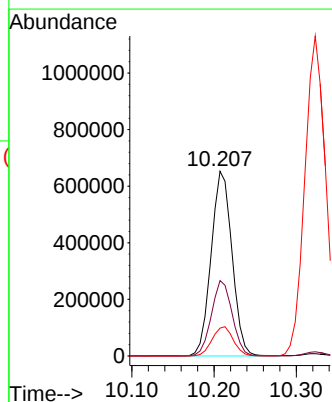
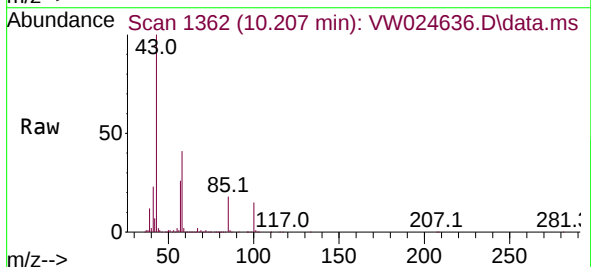
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100451

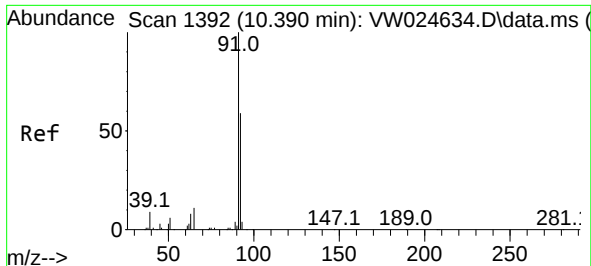
Tgt Ion: 75 Resp: 1524401
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 202.448 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024636.D
 Acq: 26 Sep 2022 11:31

Tgt Ion: 43 Resp: 1152071
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.9 49.3
 100 16.0 12.6 19.0

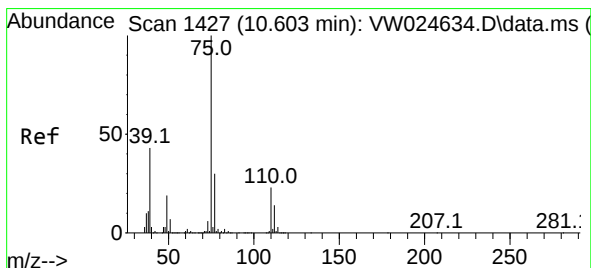
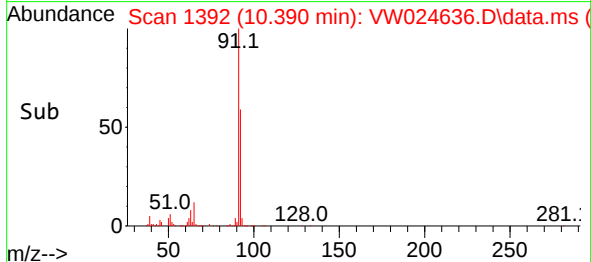
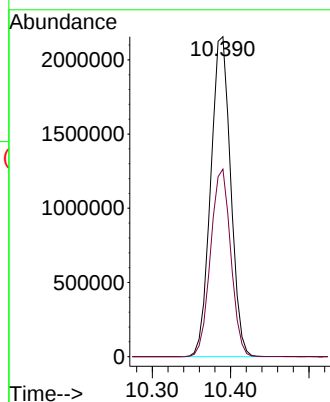
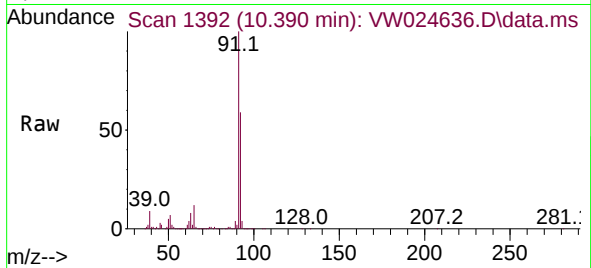




#42
Toluene
Concen: 94.759 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

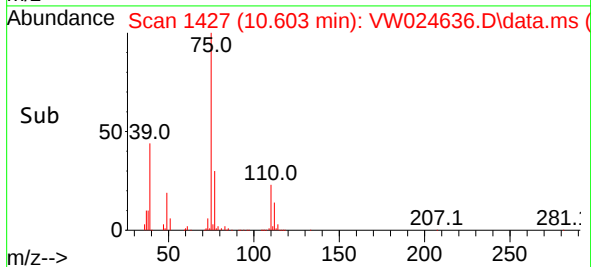
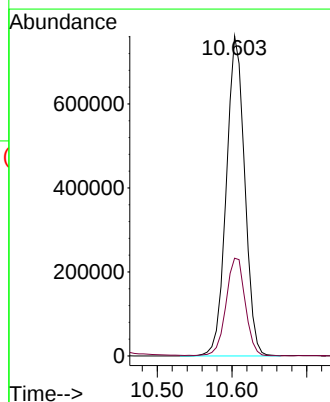
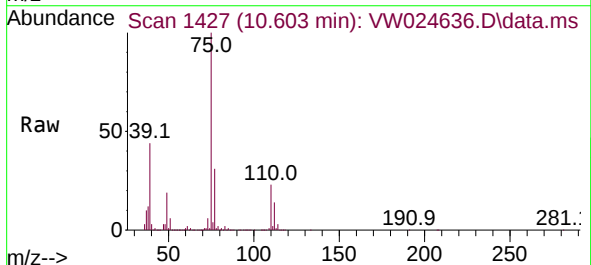
Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

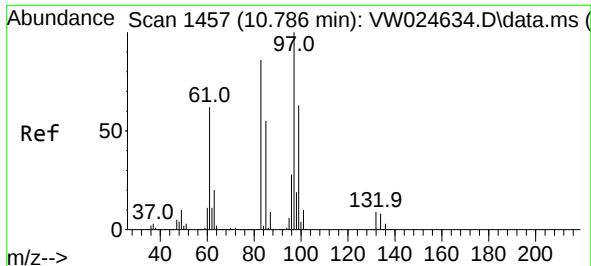
Tgt Ion: 91 Resp: 3810813
Ion Ratio Lower Upper
91 100
92 58.6 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 100.064 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion: 75 Resp: 1304297
Ion Ratio Lower Upper
75 100
77 30.5 21.3 39.6



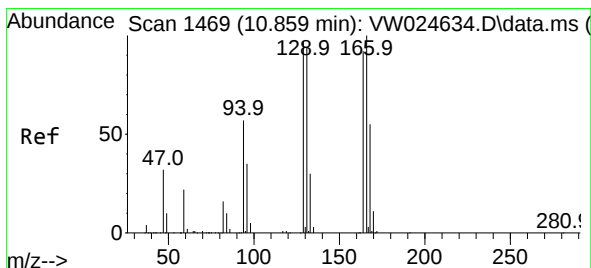
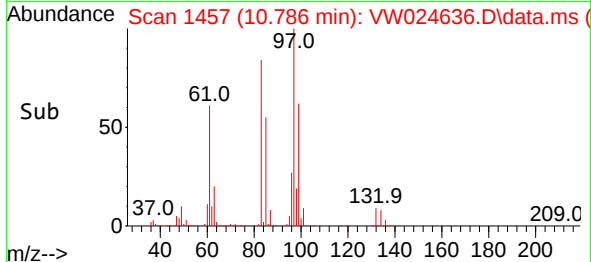
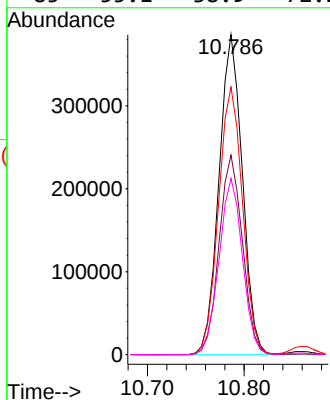
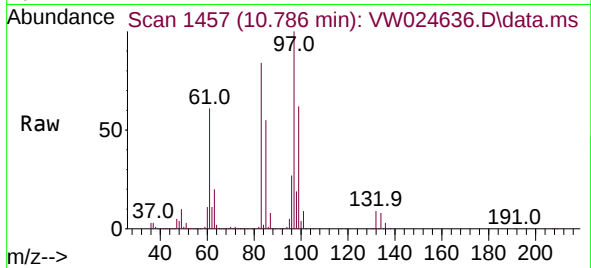


#45
1,1,2-Trichloroethane
Concen: 98.465 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

Tgt Ion: 97 Resp: 646616

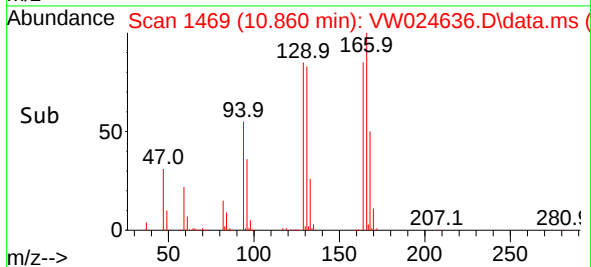
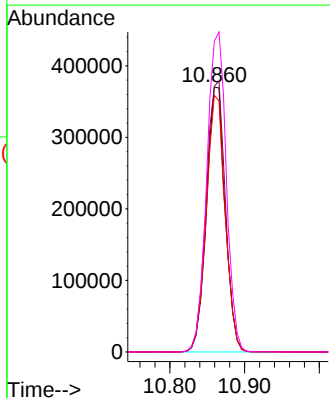
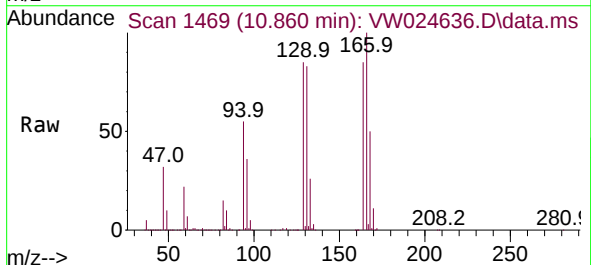
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.8	81.4
83	83.6	60.1	111.5
85	55.1	38.9	72.2

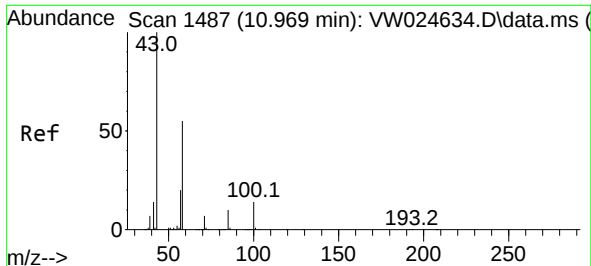


#46
Tetrachloroethene
Concen: 95.484 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion: 164 Resp: 640366

Ion	Ratio	Lower	Upper
164	100		
129	100.4	74.1	137.5
131	96.9	71.5	132.7
166	117.4	76.3	141.7

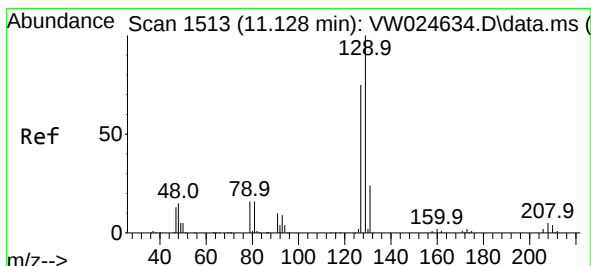
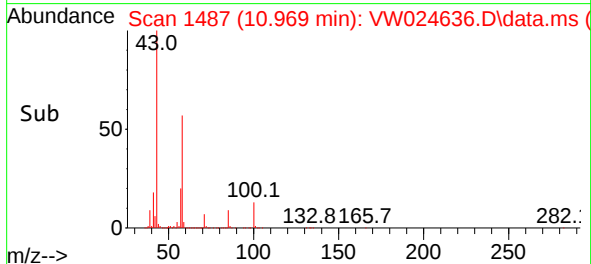
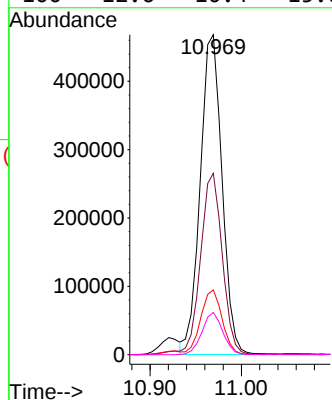
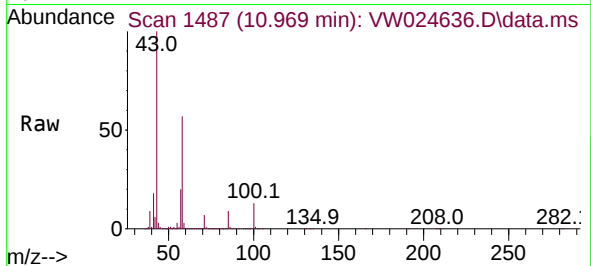




#48
2-Hexanone
Concen: 201.683 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

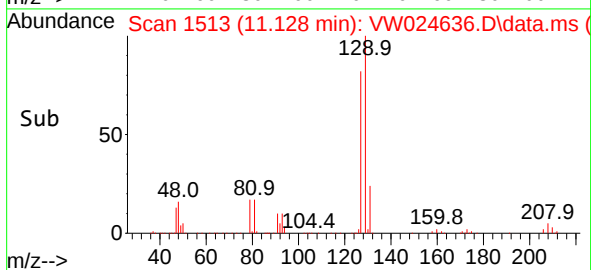
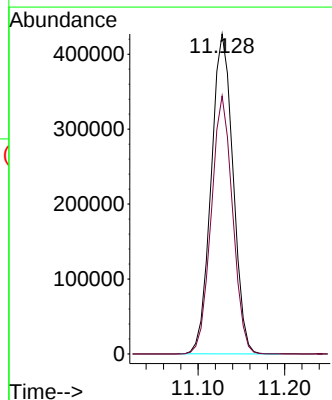
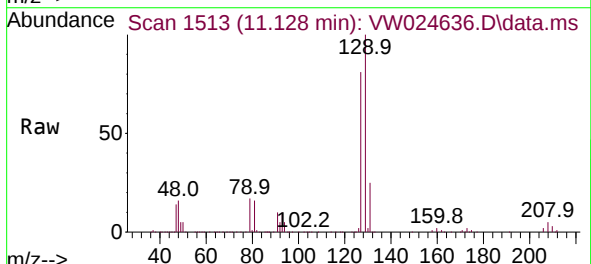
Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

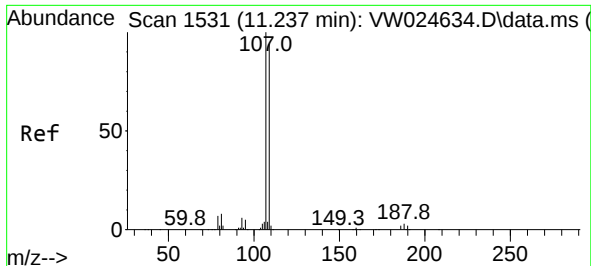
Tgt Ion:	43	Resp:	776090
Ion	Ratio	Lower	Upper
43	100		
58	55.7	45.3	67.9
57	19.9	16.3	24.5
100	12.6	10.4	15.6



#49
Dibromochloromethane
Concen: 101.414 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion:	129	Resp:	749928
Ion	Ratio	Lower	Upper
129	100		
127	80.7	52.4	97.4





#50

1,2-Dibromoethane

Concen: 99.738 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD100451

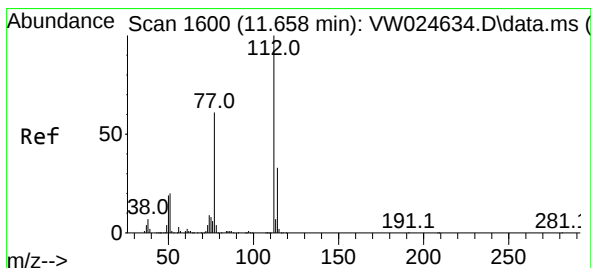
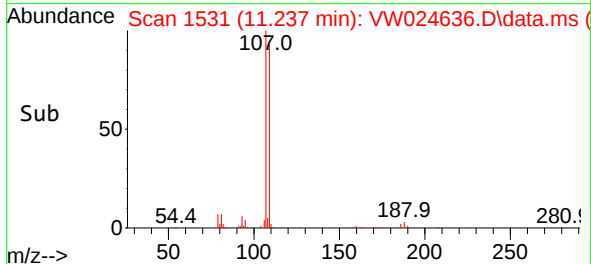
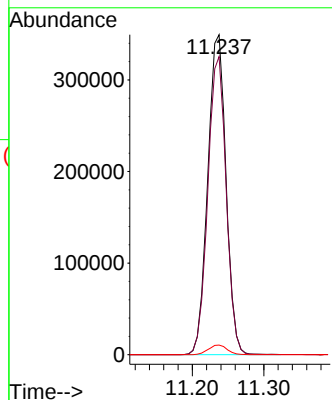
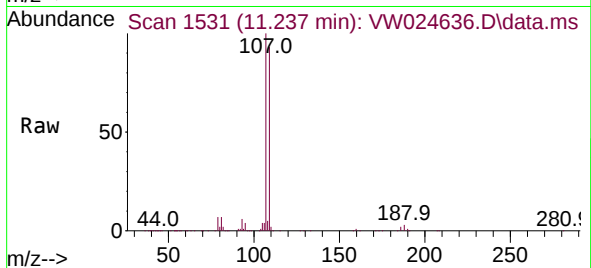
Tgt Ion:107 Resp: 619954

Ion Ratio Lower Upper

107 100

109 93.1 65.5 121.7

188 3.0 2.4 3.6



#51

Chlorobenzene

Concen: 95.656 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

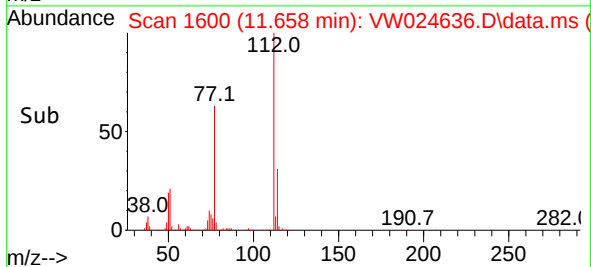
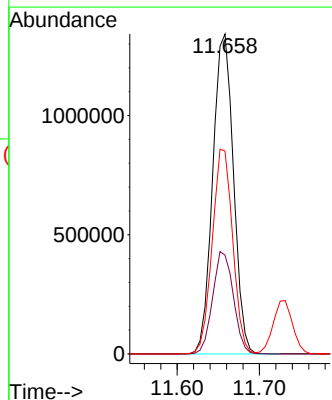
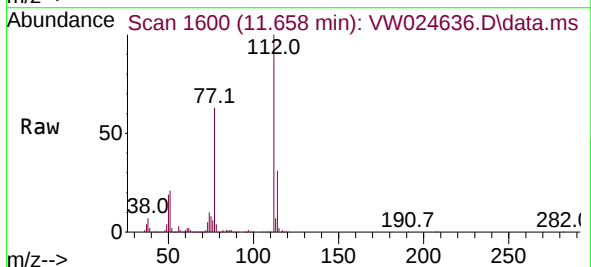
Tgt Ion:112 Resp: 2355411

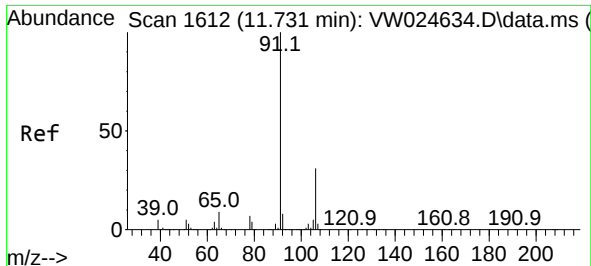
Ion Ratio Lower Upper

112 100

114 30.9 23.3 43.3

77 63.4 49.1 73.7

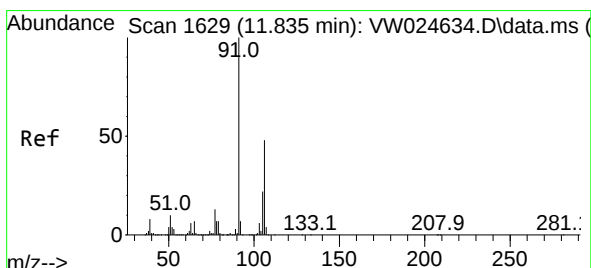
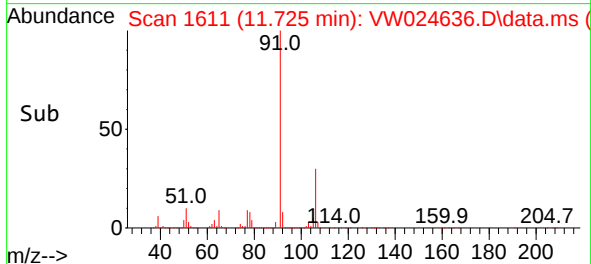
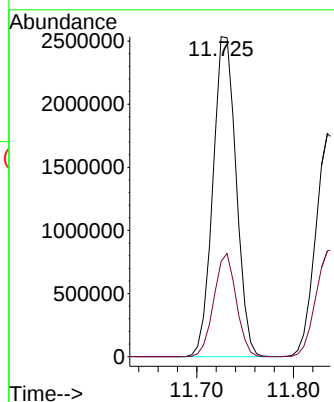
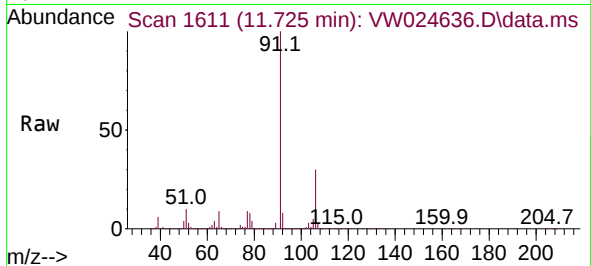




#52
Ethylbenzene
Concen: 95.639 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

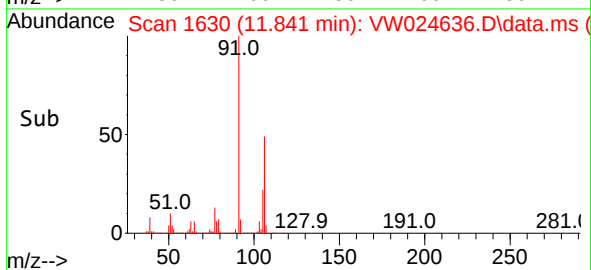
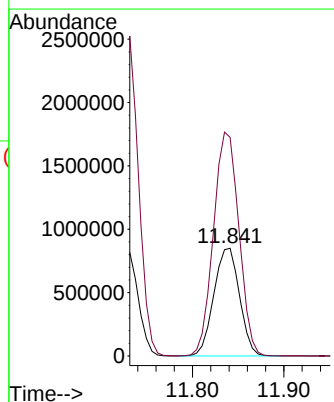
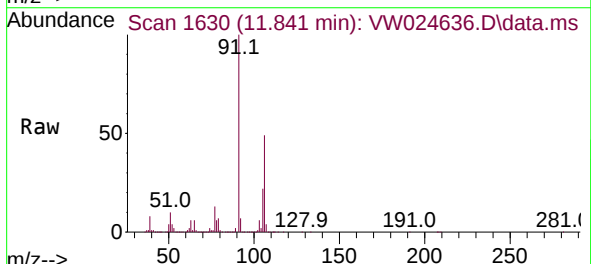
Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

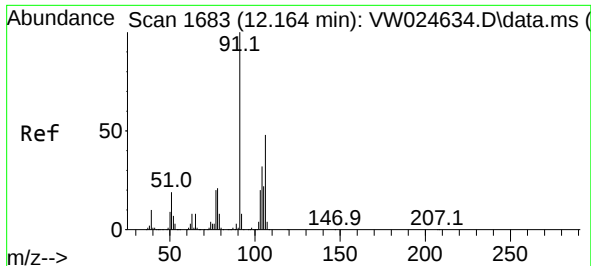
Tgt Ion: 91 Resp: 4236520
Ion Ratio Lower Upper
91 100
106 29.8 21.5 39.9



#53
m,p-Xylene
Concen: 95.601 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion:106 Resp: 1653660
Ion Ratio Lower Upper
106 100
91 203.0 146.8 272.6

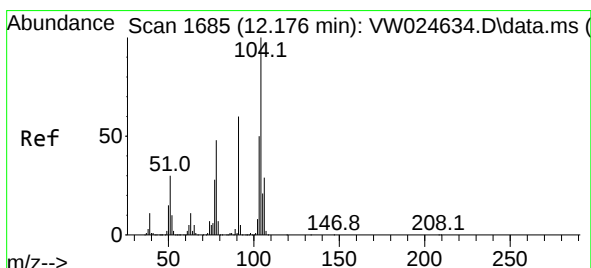
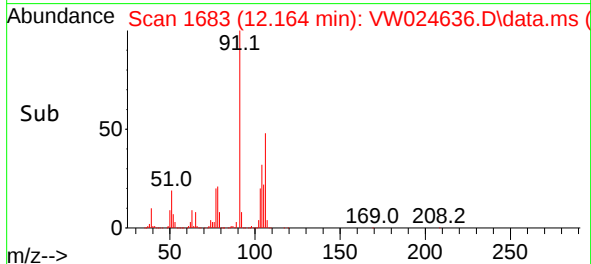
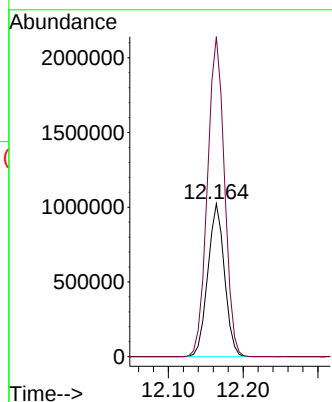
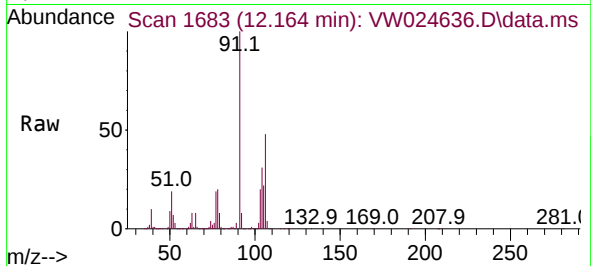




#54
o-Xylene
Concen: 96.846 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

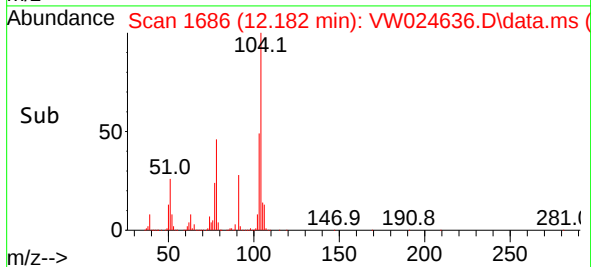
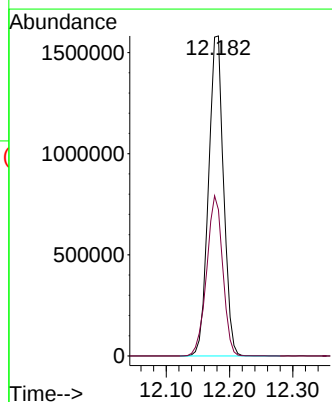
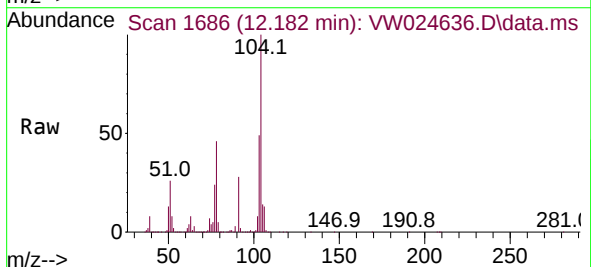
Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

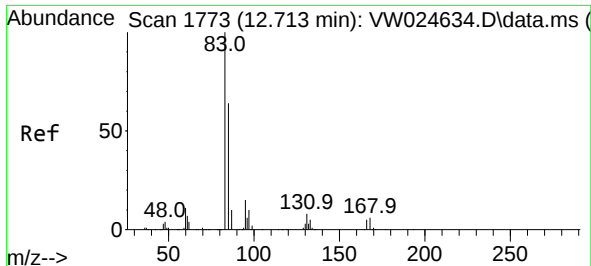
Tgt Ion:106 Resp: 1581944
Ion Ratio Lower Upper
106 100
91 209.2 146.3 271.7



#55
Styrene
Concen: 95.073 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion:104 Resp: 2618002
Ion Ratio Lower Upper
104 100
78 45.7 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 99.147 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD100451

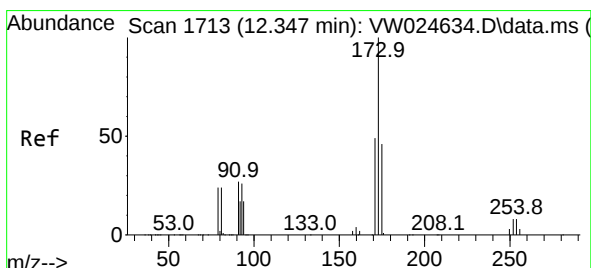
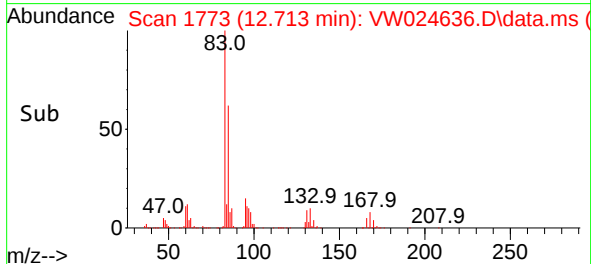
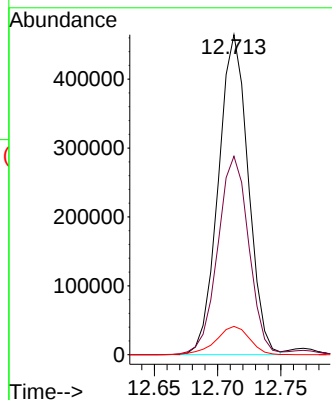
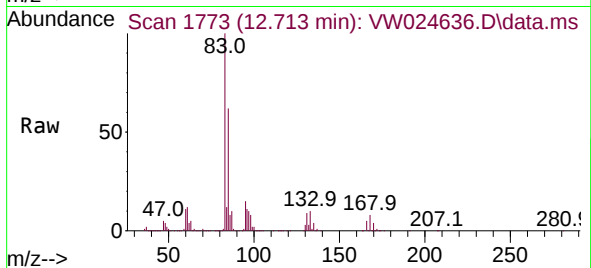
Tgt Ion: 83 Resp: 762346

Ion Ratio Lower Upper

83 100

85 62.0 45.2 84.0

131 8.8 7.3 10.9



#59

Bromoform

Concen: 105.405 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

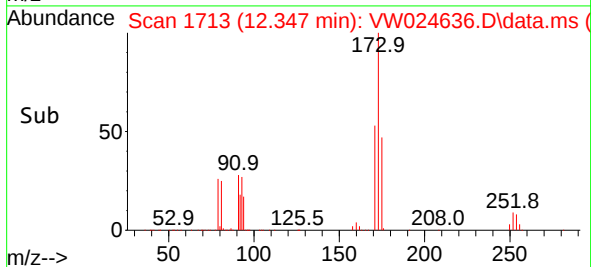
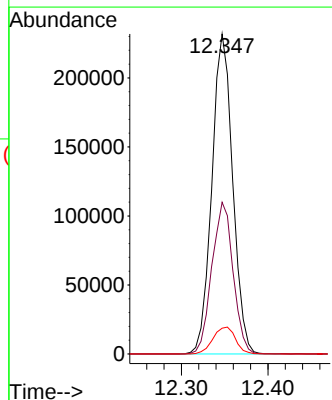
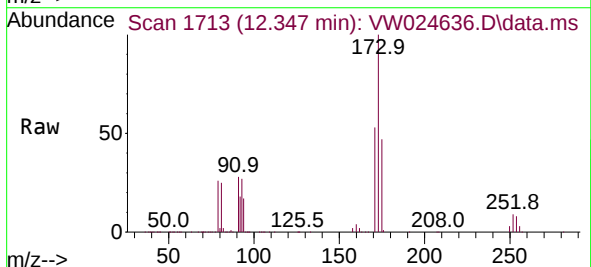
Tgt Ion:173 Resp: 386546

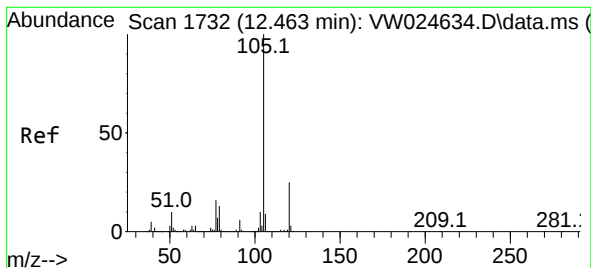
Ion Ratio Lower Upper

173 100

175 48.4 37.7 56.5

254 9.1 6.7 10.1





#60

Isopropylbenzene

Concen: 97.961 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD100451

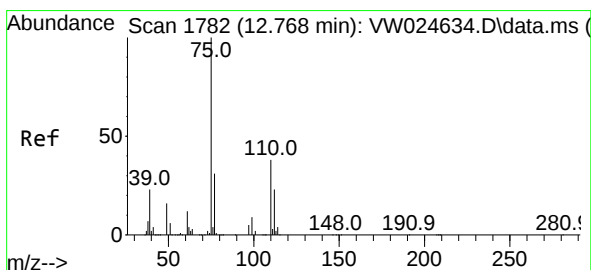
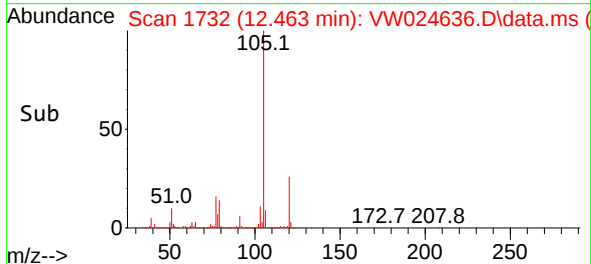
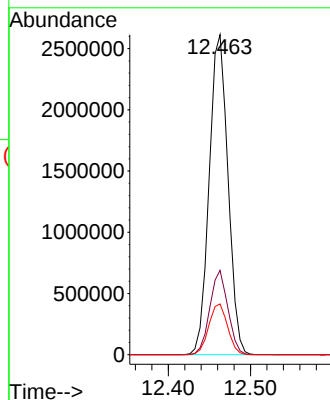
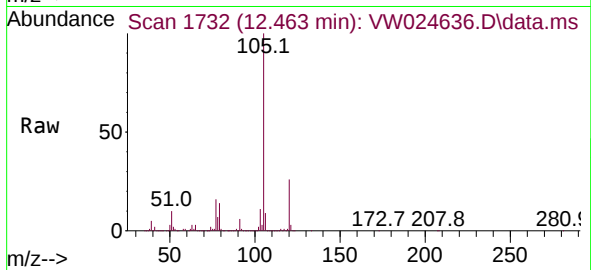
Tgt Ion:105 Resp: 4142205

Ion Ratio Lower Upper

105 100

120 25.4 20.9 31.3

77 15.8 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 100.215 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

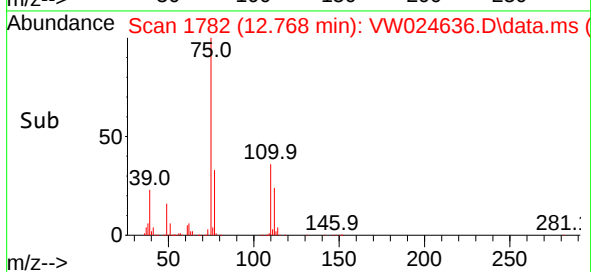
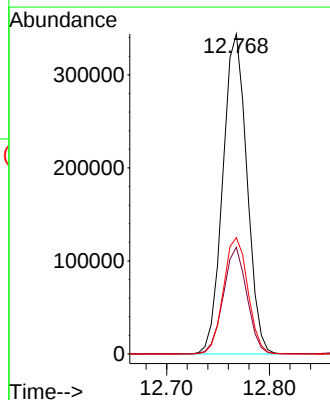
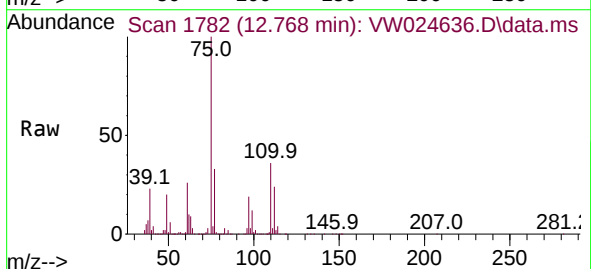
Tgt Ion: 75 Resp: 560057

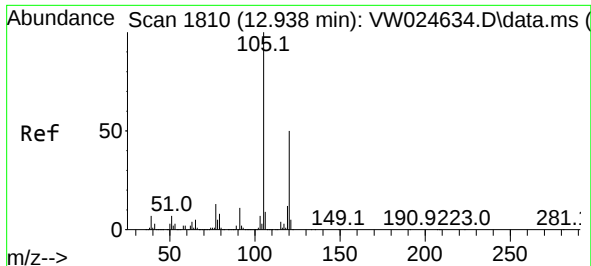
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

110 36.8 29.2 43.8

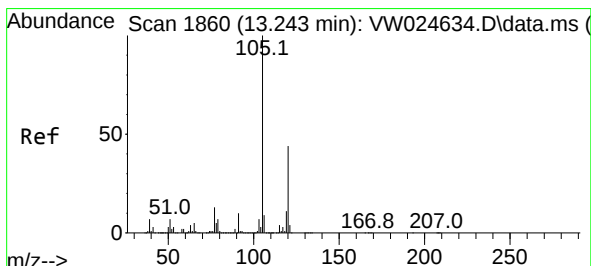
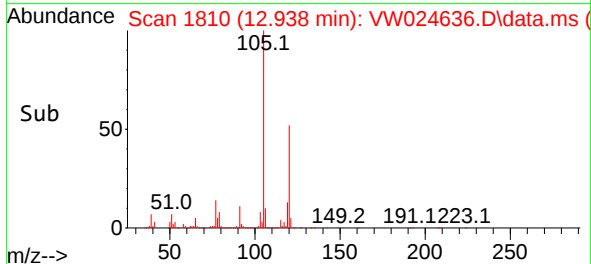
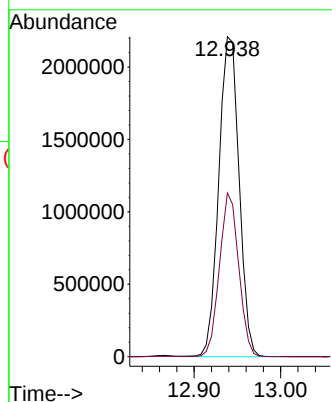
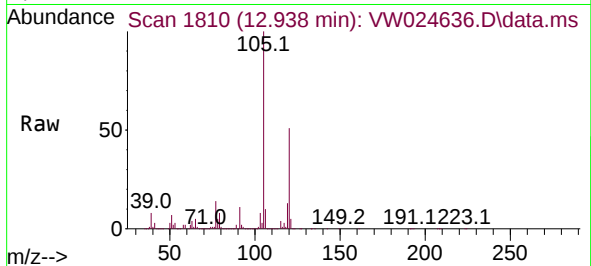




#62
1,3,5-Trimethylbenzene
Concen: 98.014 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

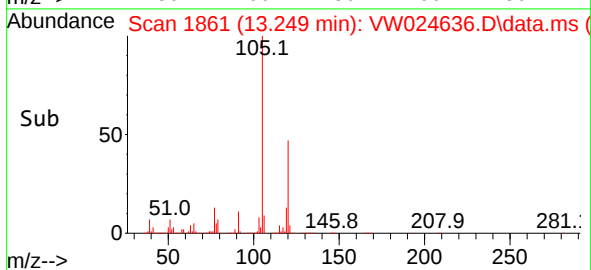
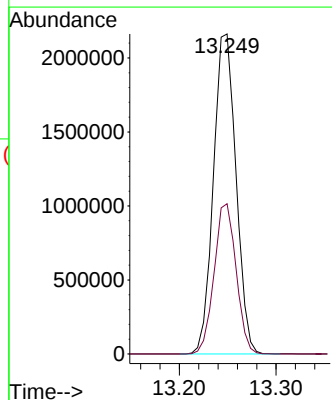
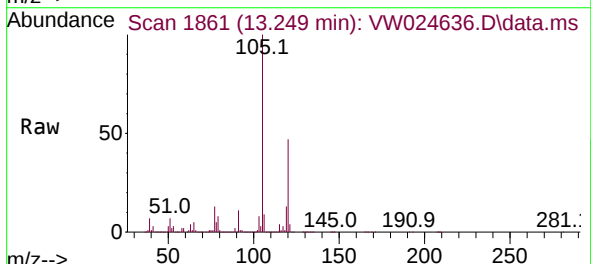
Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

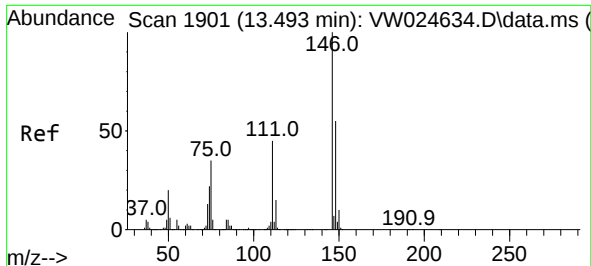
Tgt Ion:105 Resp: 3602183
Ion Ratio Lower Upper
105 100
120 48.5 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 97.374 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion:105 Resp: 3505832
Ion Ratio Lower Upper
105 100
120 45.7 35.2 52.8

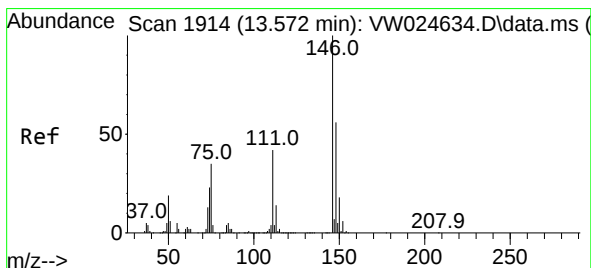
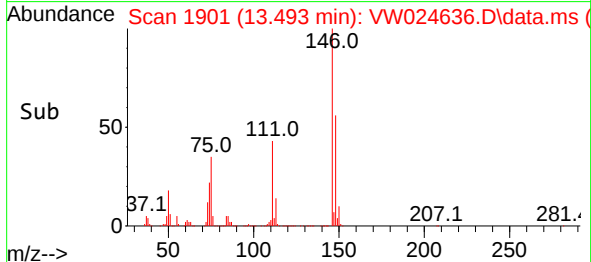
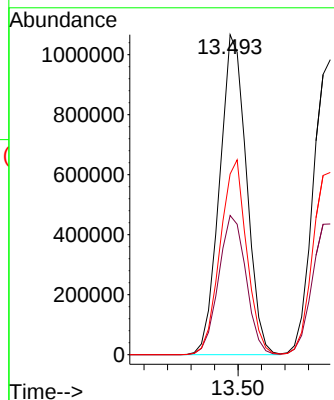
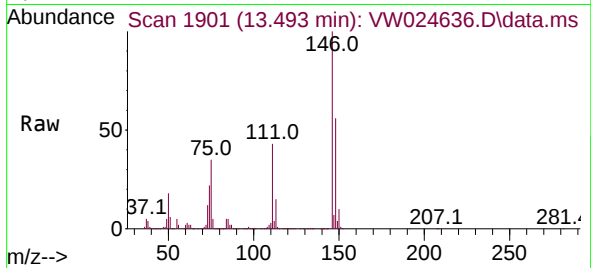




#64
1,3-Dichlorobenzene
Concen: 98.716 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

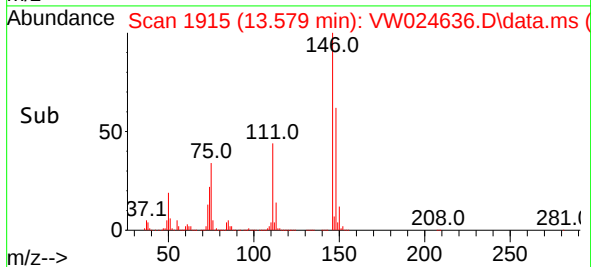
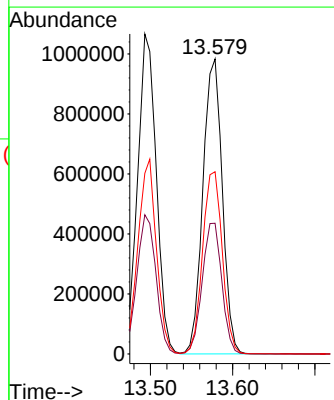
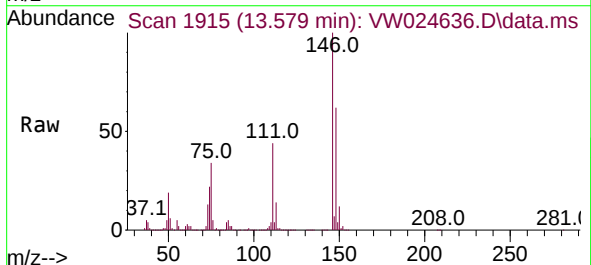
Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

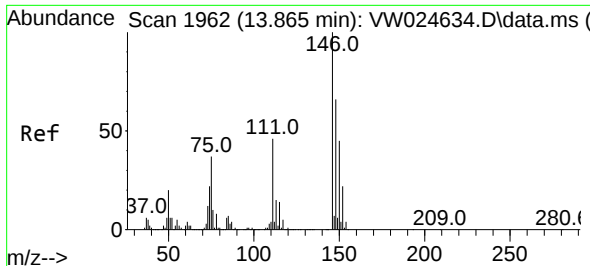
Tgt Ion:146 Resp: 1695799
Ion Ratio Lower Upper
146 100
111 43.5 31.6 58.6
148 56.5 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 96.222 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion:146 Resp: 1609109
Ion Ratio Lower Upper
146 100
111 44.3 29.4 54.6
148 61.7 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 97.343 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD100451

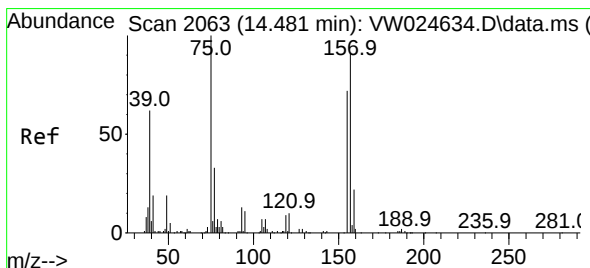
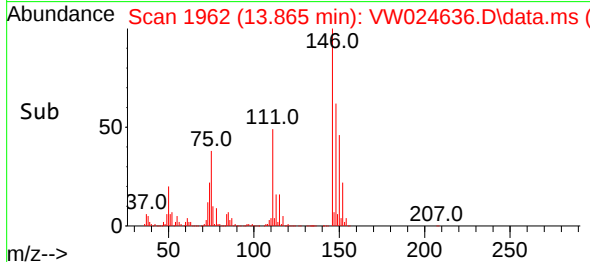
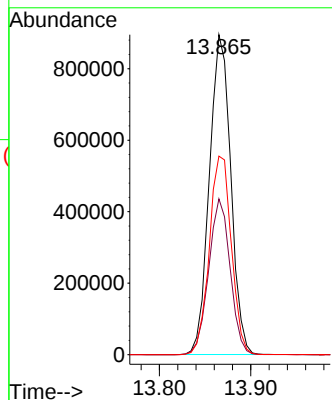
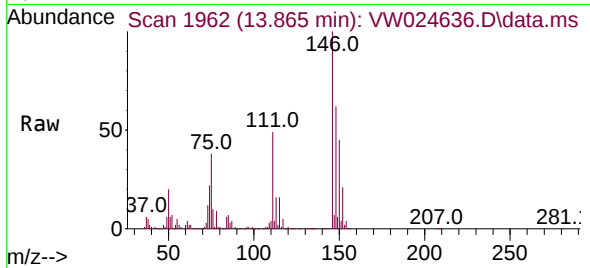
Tgt Ion:146 Resp: 1456512

Ion Ratio Lower Upper

146 100

111 48.7 37.2 55.8

148 62.1 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 102.491 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

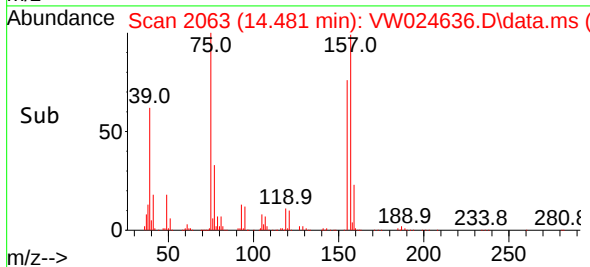
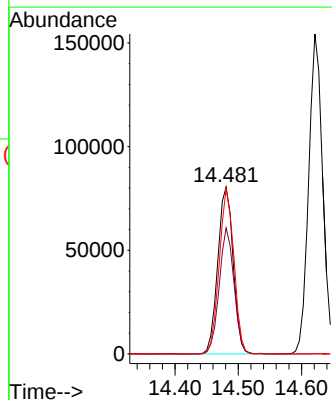
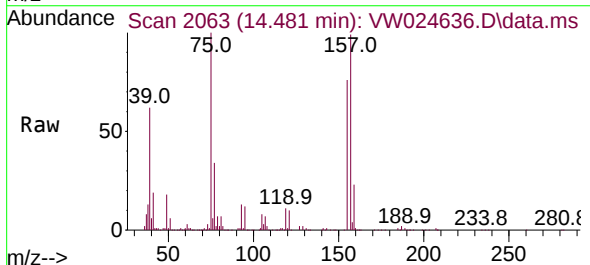
Tgt Ion: 75 Resp: 135449

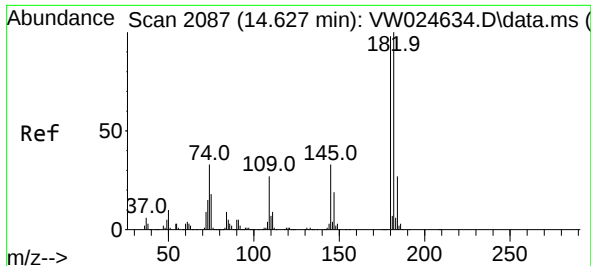
Ion Ratio Lower Upper

75 100

155 75.6 57.6 86.4

157 99.2 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 99.959 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD100451

Tgt Ion:180 Resp: 1140143

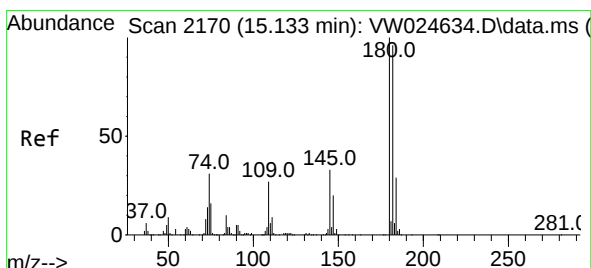
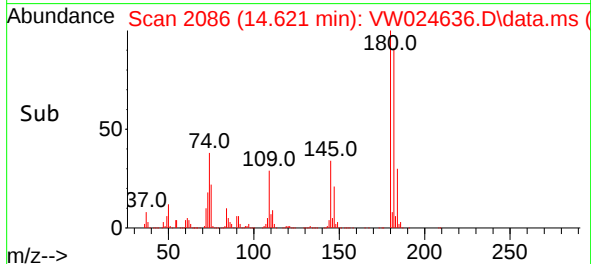
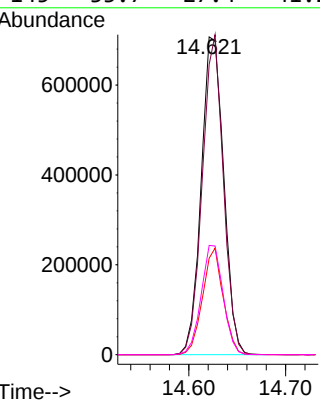
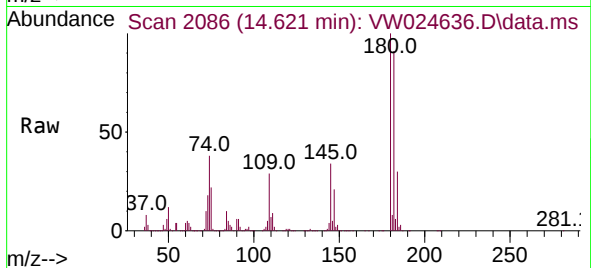
Ion Ratio Lower Upper

180 100

182 94.4 77.1 115.7

184 30.9 23.3 34.9

145 33.7 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 99.327 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW024636.D

Acq: 26 Sep 2022 11:31

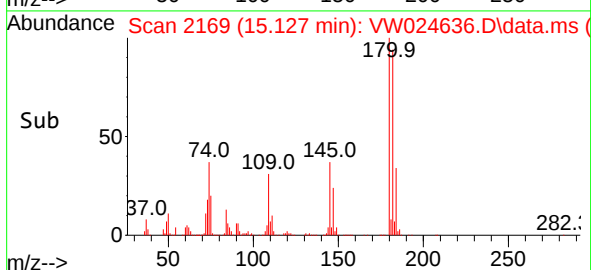
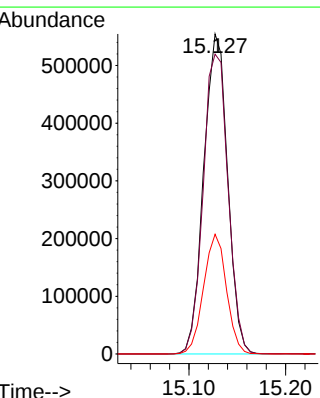
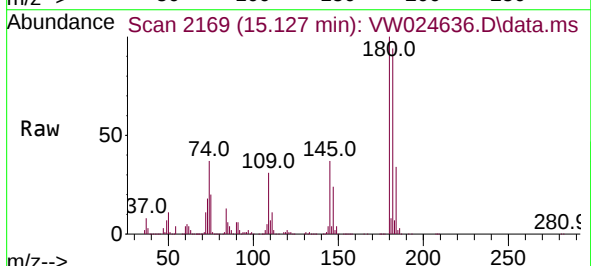
Tgt Ion:180 Resp: 951777

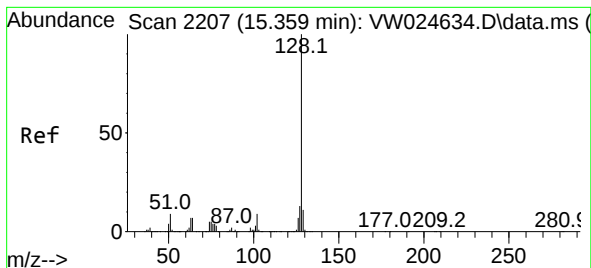
Ion Ratio Lower Upper

180 100

182 97.5 76.8 115.2

145 35.7 29.0 43.4

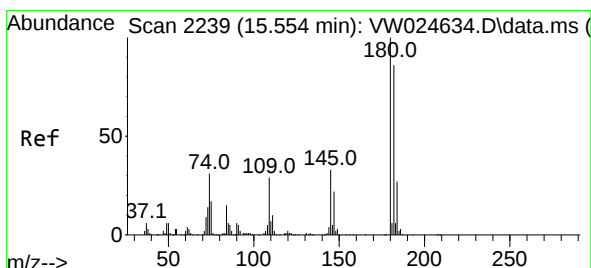
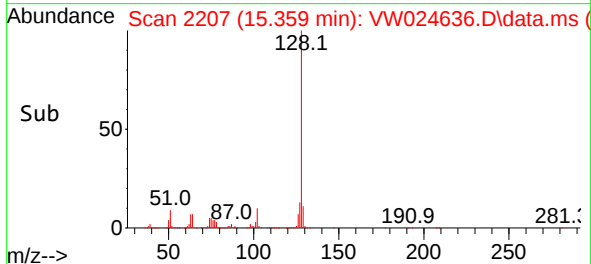
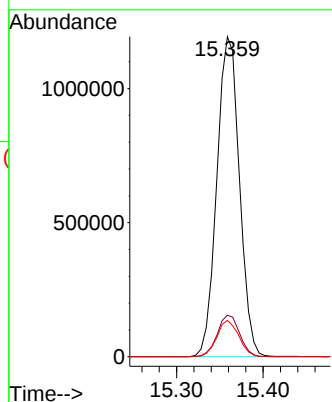
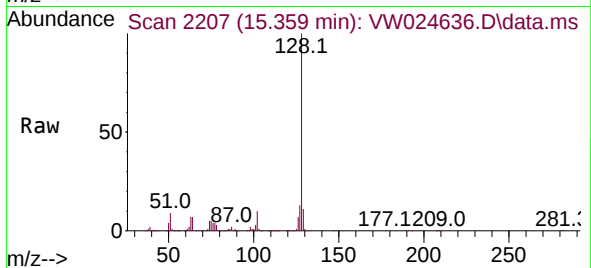




#71
Naphthalene
Concen: 103.663 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD100451

Tgt Ion:128 Resp: 2162827
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 101.325 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024636.D
Acq: 26 Sep 2022 11:31

Tgt Ion:180 Resp: 826332
Ion Ratio Lower Upper
180 100
182 95.0 77.4 116.2
145 37.1 30.6 45.8

