

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023346.D
 Acq On : 26 May 2022 02:41
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/20mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Quant Time: May 26 05:17:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 26 04:46:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	401774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	399495	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	226968	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	133171	16.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.640%
7) Chloroethane-d5	2.879	69	90744	16.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.680%
11) 1,1-Dichloroethene-d2	4.019	63	201448	18.914	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.640%
21) 2-Butanone-d5	7.074	46	75896	48.426	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.860%
24) Chloroform-d	7.647	84	277388	23.565	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.280%
26) 1,2-Dichloroethane-d4	8.305	65	145961	22.609	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.440%
32) Benzene-d6	8.275	84	507792	22.052	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	9.274	67	150434	23.257	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.040%
41) Toluene-d8	10.323	98	494843	22.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	10.579	79	66289	22.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.040%
47) 2-Hexanone-d5	10.920	63	65966	53.423	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	151544	25.136	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.560%
66) 1,2-Dichlorobenzene-d4	13.847	152	206103	25.977	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	44154	20.160	ug/L	92
3) Chloromethane	2.215	50	119437	28.220	ug/L	98
5) Vinyl chloride	2.361	62	177377	20.883	ug/L	97
6) Bromomethane	2.769	94	88777	16.279	ug/L	95
8) Chloroethane	2.916	64	84229	20.560	ug/L	99
9) Trichlorofluoromethane	3.257	101	74923	19.299	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	139310	23.999	ug/L	93
12) 1,1-Dichloroethene	4.037	96	123220	23.945	ug/L	87
13) Acetone	4.123	43	43890	37.405	ug/L	97
14) Carbon disulfide	4.385	76	301647	21.382	ug/L	98
15) Methyl Acetate	4.672	43	58580	24.850	ug/L	100
16) Methylene chloride	4.915	84	148484	25.257	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	144052	24.876	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	250006	28.281	ug/L	99
19) 1,1-Dichloroethane	6.214	63	245620	25.026	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	165892	26.671	ug/L #	94
22) 2-Butanone	7.171	43	74432	45.358	ug/L	96
23) Bromochloromethane	7.512	128	80296	27.566	ug/L	88
25) Chloroform	7.677	83	280236	25.823	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023346.D
 Acq On : 26 May 2022 02:41
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/20mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Quant Time: May 26 05:17:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 26 04:46:06 2022
 Response via : Initial Calibration

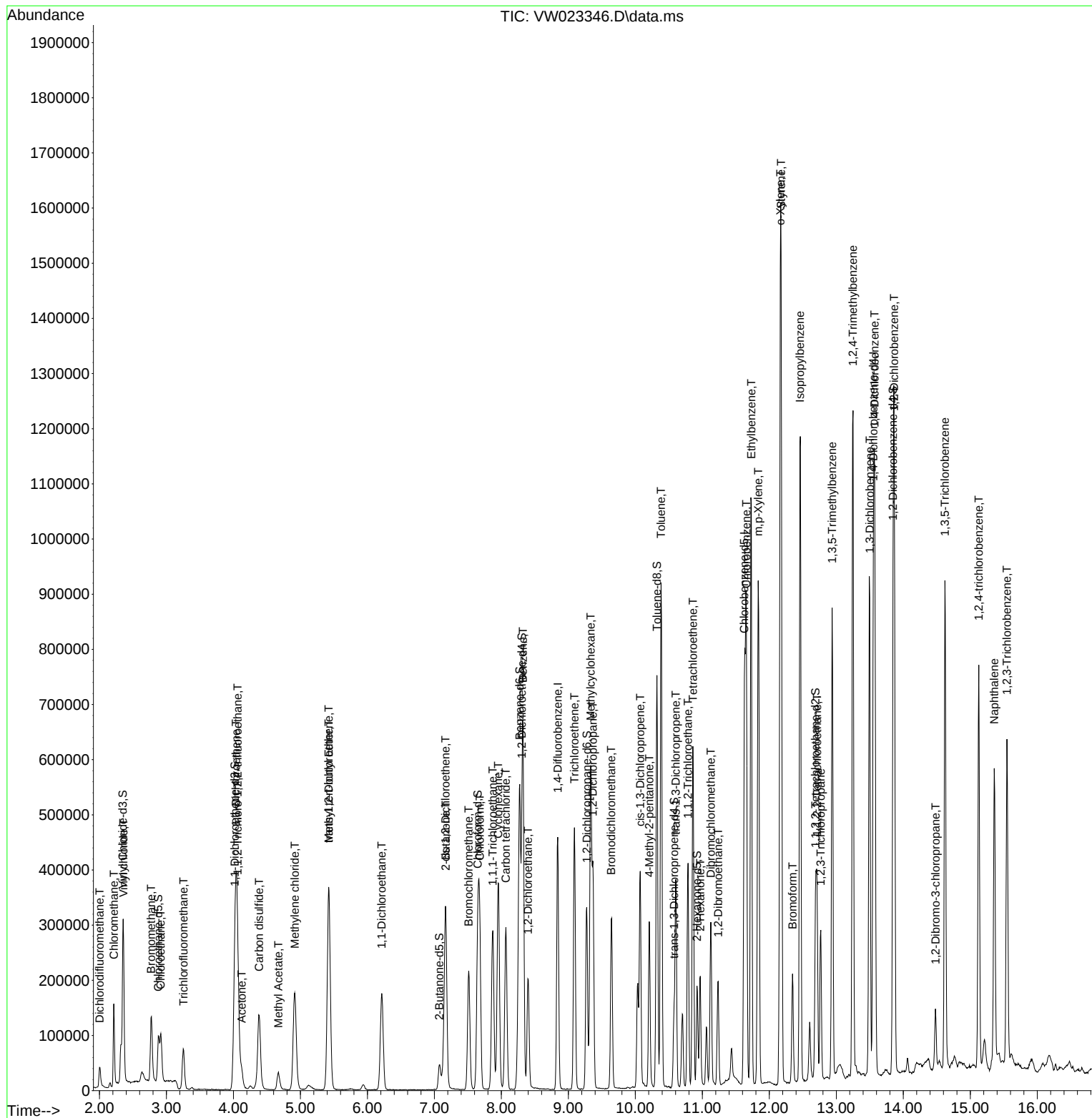
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	181874	25.141	ug/L	96
29) Cyclohexane	7.951	56	204185	23.633	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	240251	25.448	ug/L	98
31) Carbon tetrachloride	8.067	117	217782	24.660	ug/L	100
33) Benzene	8.323	78	586975	24.941	ug/L	100
34) Trichloroethene	9.091	95	159715	24.677	ug/L	96
35) Methylcyclohexane	9.335	83	255388	24.019	ug/L	99
37) 1,2-Dichloropropane	9.366	63	140093	24.598	ug/L	99
38) Bromodichloromethane	9.640	83	202963	25.090	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	226551	25.654	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	179186	49.917	ug/L	98
42) Toluene	10.384	91	677274	25.679	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	199758	25.343	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	124410	26.131	ug/L	97
46) Tetrachloroethene	10.859	164	130963	26.925	ug/L	88
48) 2-Hexanone	10.969	43	121144	50.509	ug/L	97
49) Dibromochloromethane	11.128	129	153208	26.737	ug/L	96
50) 1,2-Dibromoethane	11.237	107	125658	26.285	ug/L	97
51) Chlorobenzene	11.658	112	457170	26.292	ug/L	98
52) Ethylbenzene	11.731	91	769598	26.228	ug/L	98
53) m,p-Xylene	11.835	106	301168	26.049	ug/L	96
54) o-Xylene	12.164	106	296980	26.768	ug/L	94
55) Styrene	12.176	104	511735	27.144	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	153080	25.742	ug/L	100
59) Bromoform	12.347	173	85796	26.673	ug/L #	99
60) Isopropylbenzene	12.457	105	786337	25.289	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	107201	23.638	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	446439	25.808	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	681173	26.225	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	373371	26.895	ug/L	89
65) 1,4-Dichlorobenzene	13.572	146	371131	25.882	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	348299	27.418	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23891	24.105	ug/L	85
69) 1,3,5-Trichlorobenzene	14.621	180	264139	28.664	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	222332	29.994	ug/L	97
71) Naphthalene	15.359	128	469171	29.121	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	196841	29.961	ug/L	100

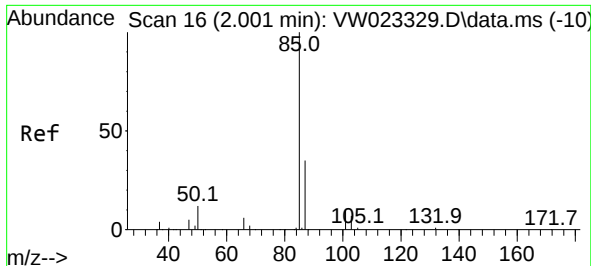
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023346.D
Acq On : 26 May 2022 02:41
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/20mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

Quant Time: May 26 05:17:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 26 04:46:06 2022
Response via : Initial Calibration

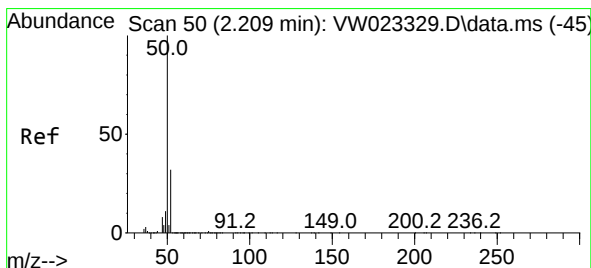
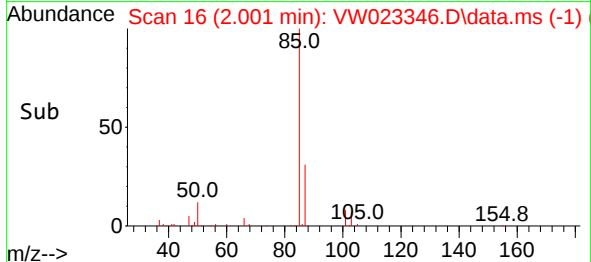
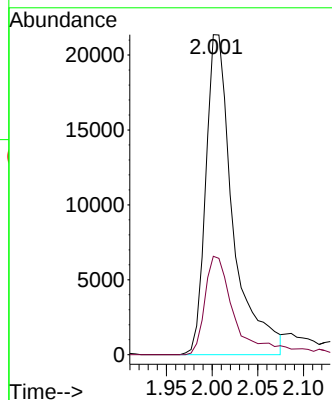
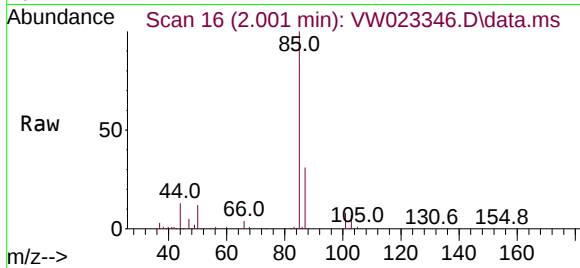




#2
 Dichlorodifluoromethane
 Concen: 20.160 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW023346.D
 Acq: 26 May 2022 02:41

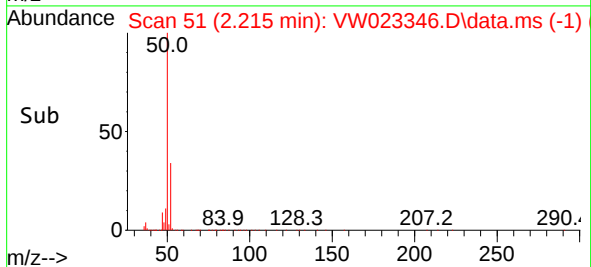
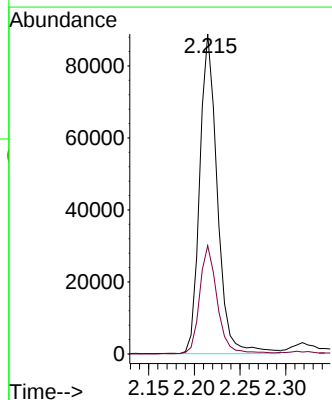
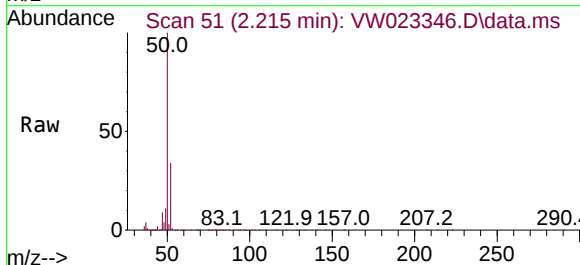
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

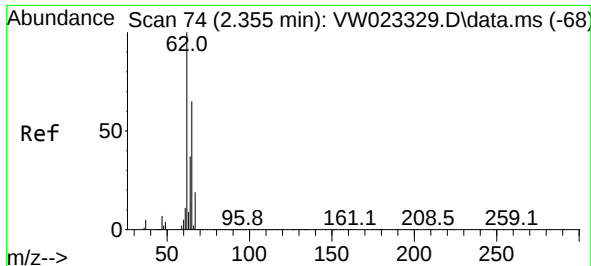
Tgt Ion: 85 Resp: 44154
 Ion Ratio Lower Upper
 85 100
 87 30.1 27.8 41.8



#3
 Chloromethane
 Concen: 28.220 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW023346.D
 Acq: 26 May 2022 02:41

Tgt Ion: 50 Resp: 119437
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.1 42.9

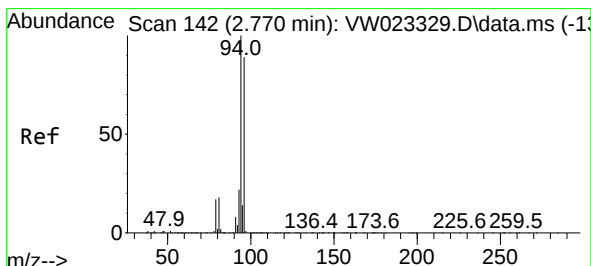
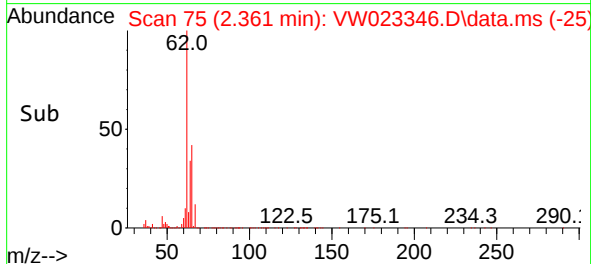
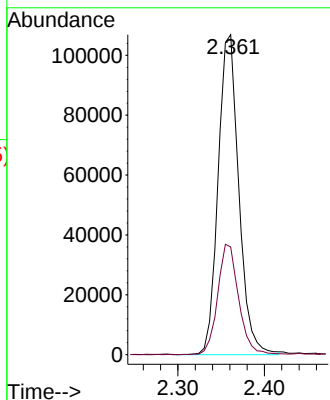
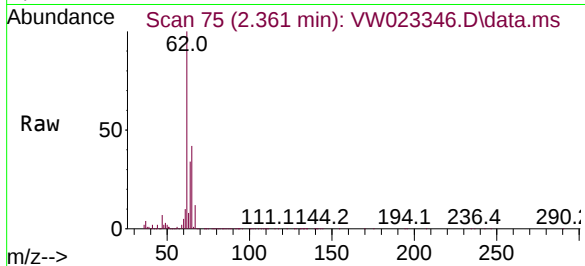




#5
 Vinyl chloride
 Concen: 20.883 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW023346.D
 Acq: 26 May 2022 02:41

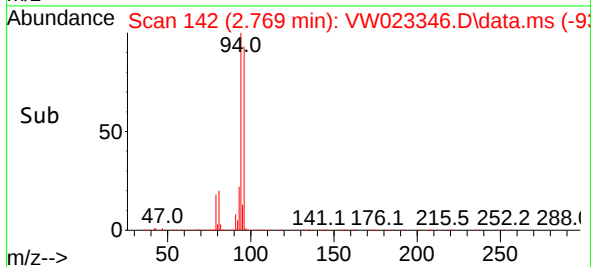
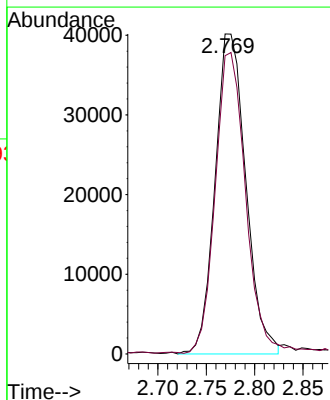
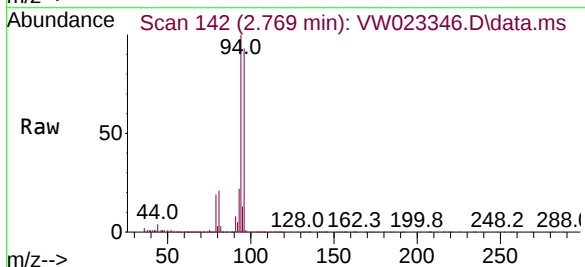
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

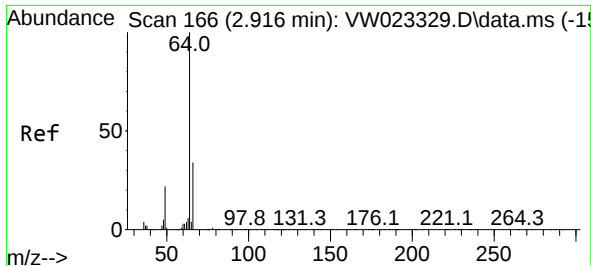
Tgt Ion: 62 Resp: 177377
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.9 46.3



#6
 Bromomethane
 Concen: 16.279 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW023346.D
 Acq: 26 May 2022 02:41

Tgt Ion: 94 Resp: 88777
 Ion Ratio Lower Upper
 94 100
 96 93.2 61.7 114.5

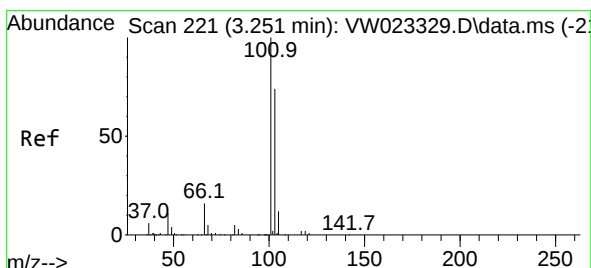
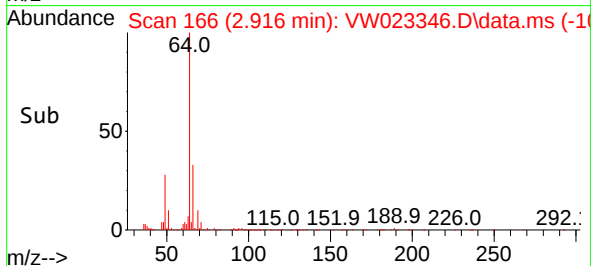
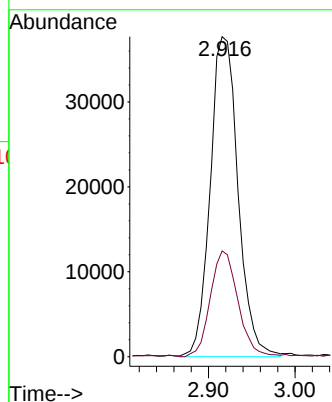
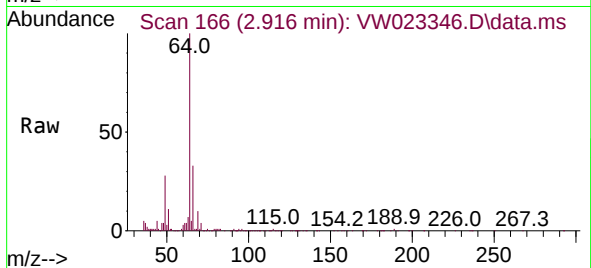




#8
Chloroethane
Concen: 20.560 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

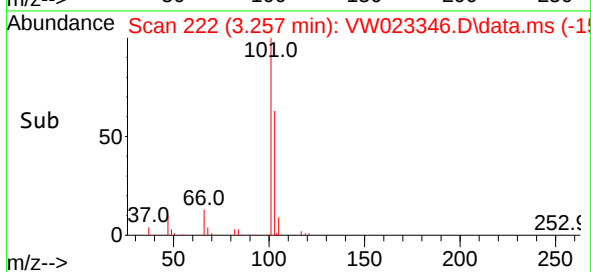
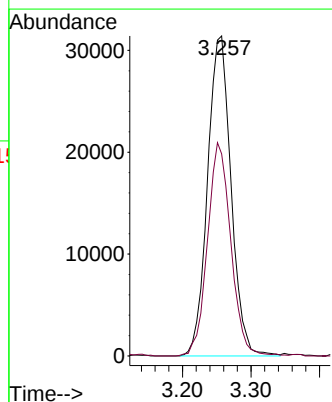
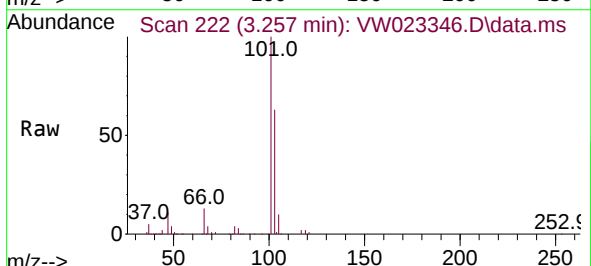
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

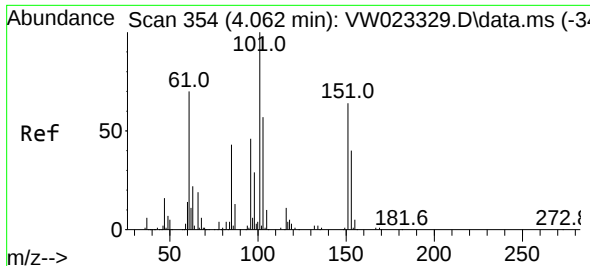
Tgt Ion: 64 Resp: 84229
Ion Ratio Lower Upper
64 100
66 33.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 19.299 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion: 101 Resp: 74923
Ion Ratio Lower Upper
101 100
103 65.9 53.9 80.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.999 ug/L

RT: 4.062 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025553

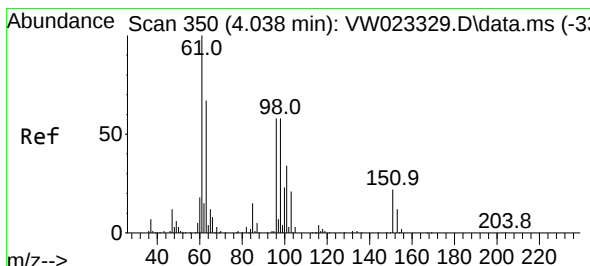
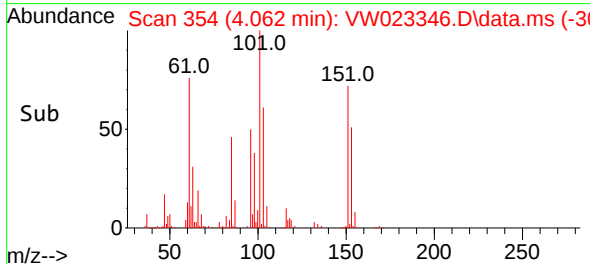
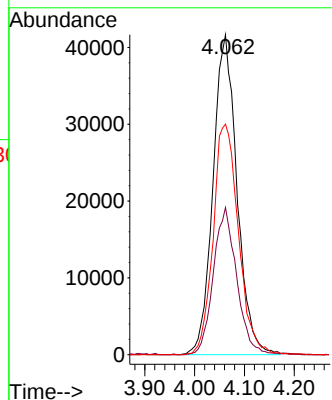
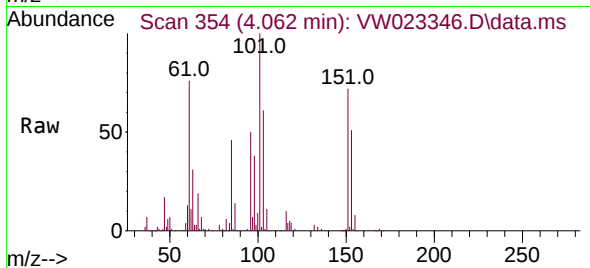
Tgt Ion:101 Resp: 139310

Ion Ratio Lower Upper

101 100

85 44.6 34.3 51.5

151 75.6 54.2 81.2



#12

1,1-Dichloroethene

Concen: 23.945 ug/L

RT: 4.037 min Scan# 350

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

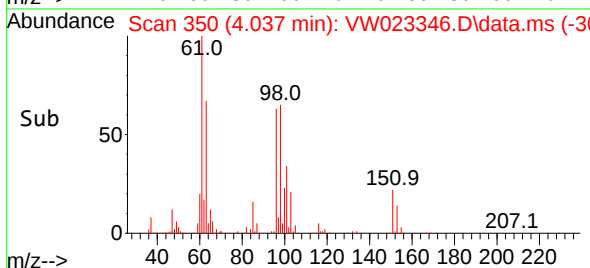
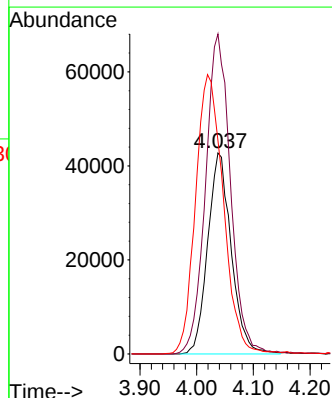
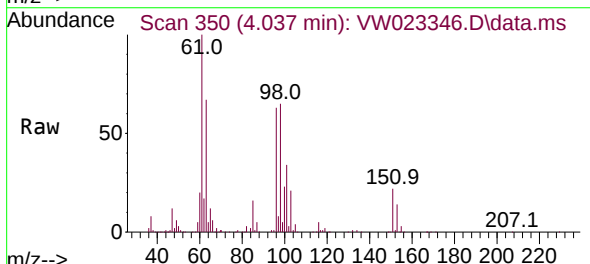
Tgt Ion: 96 Resp: 123220

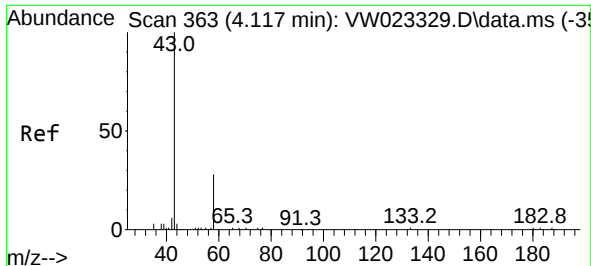
Ion Ratio Lower Upper

96 100

61 159.3 125.7 233.5

63 106.1 83.4 155.0

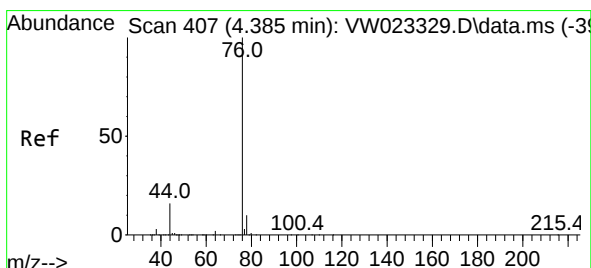
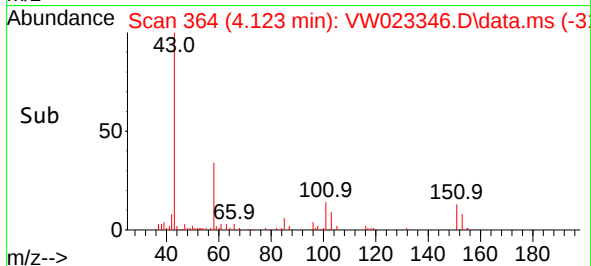
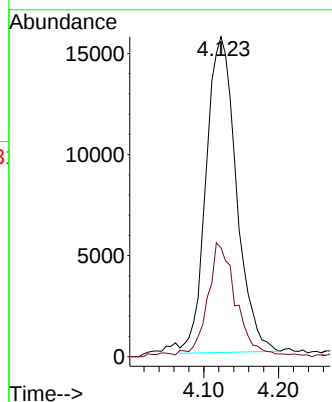
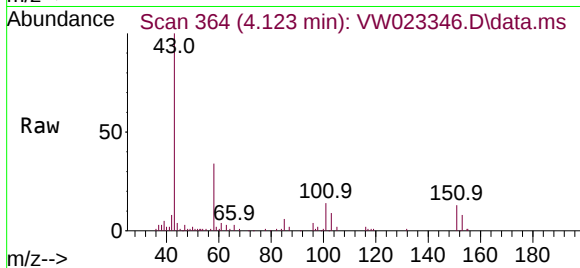




#13
Acetone
Concen: 37.405 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

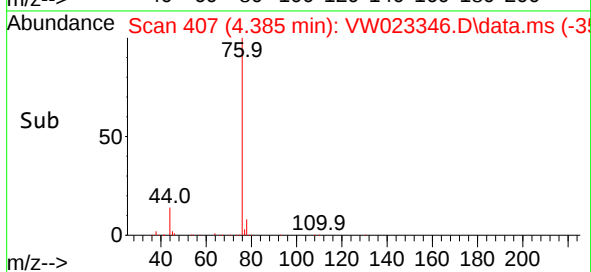
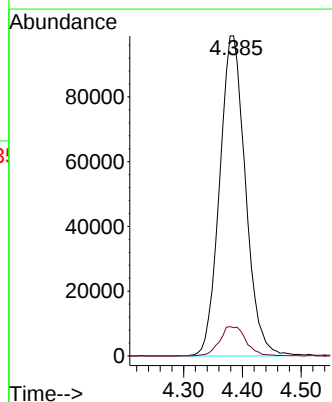
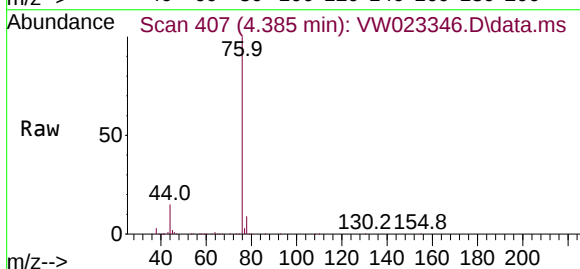
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

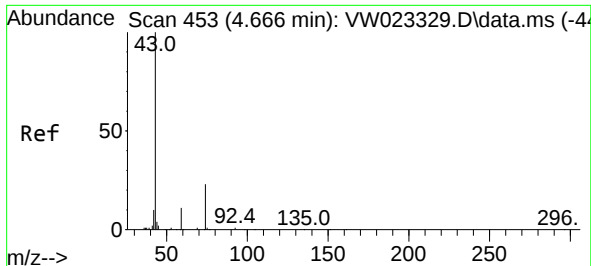
Tgt Ion: 43 Resp: 43890
Ion Ratio Lower Upper
43 100
58 33.4 0.0 64.0



#14
Carbon disulfide
Concen: 21.382 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion: 76 Resp: 301647
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5

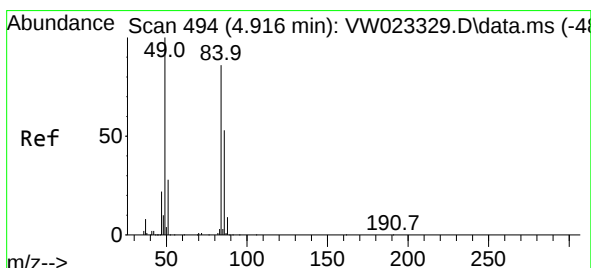
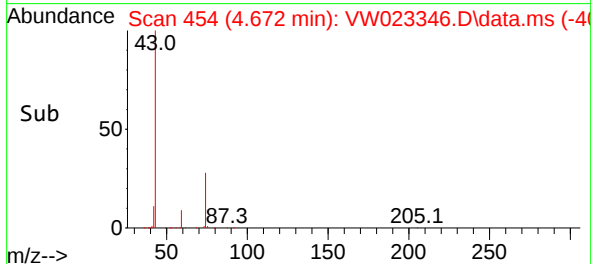
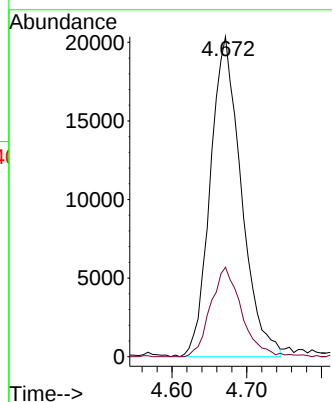
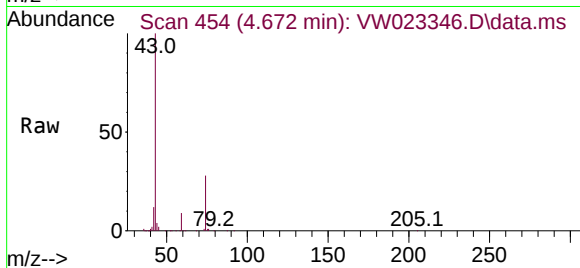




#15
Methyl Acetate
Concen: 24.850 ug/L
RT: 4.672 min Scan# 453
Delta R.T. 0.006 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

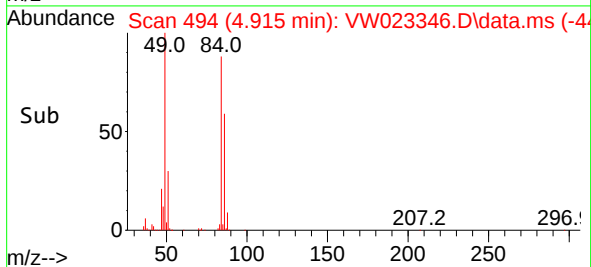
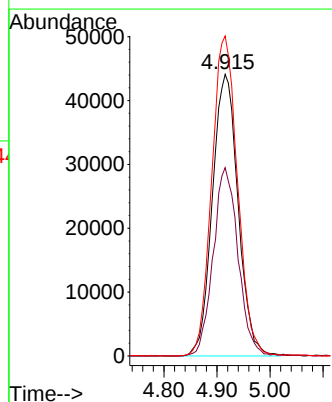
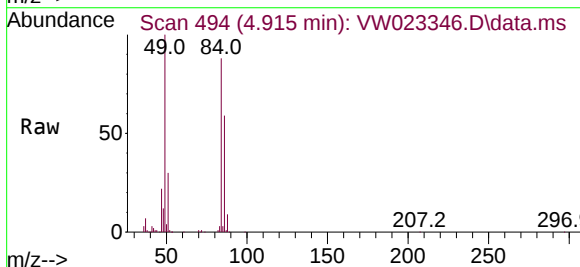
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

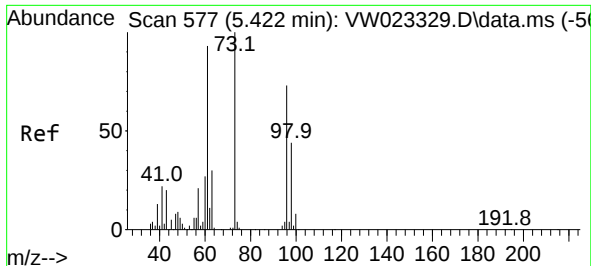
Tgt Ion: 43 Resp: 58580
Ion Ratio Lower Upper
43 100
74 27.5 21.9 32.9



#16
Methylene chloride
Concen: 25.257 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion: 84 Resp: 148484
Ion Ratio Lower Upper
84 100
86 66.8 45.4 84.4
49 113.6 82.5 153.1

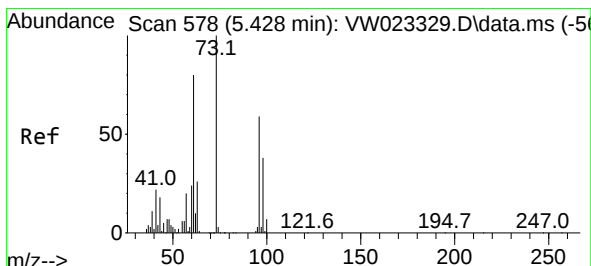
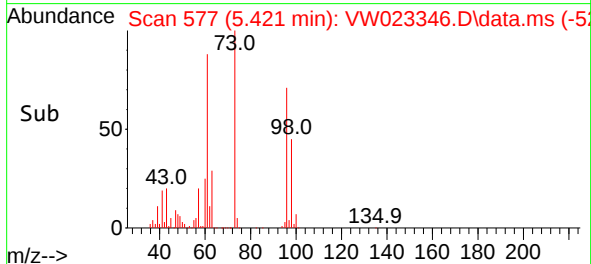
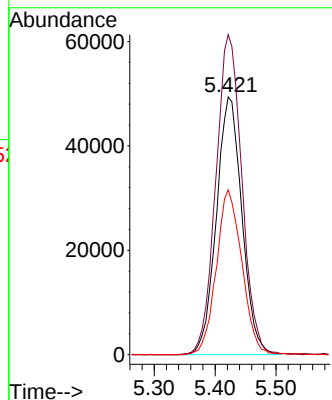
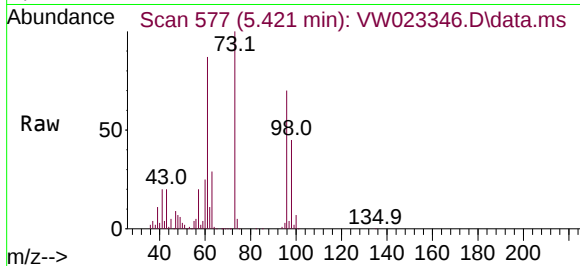




#17
trans-1,2-Dichloroethene
Concen: 24.876 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

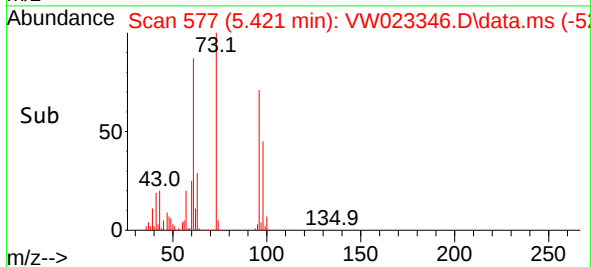
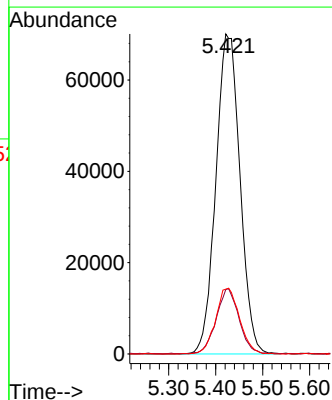
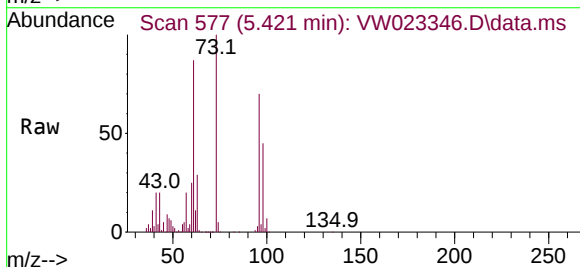
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

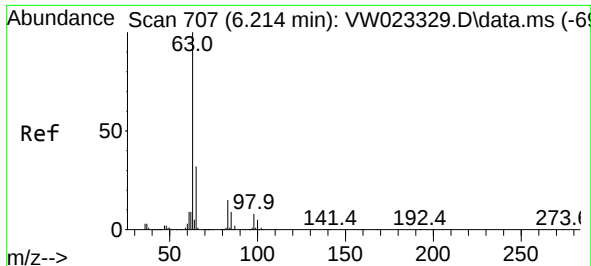
Tgt Ion: 96 Resp: 144052
Ion Ratio Lower Upper
96 100
61 124.1 92.2 171.2
98 63.9 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 28.281 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion: 73 Resp: 250006
Ion Ratio Lower Upper
73 100
43 19.0 15.9 23.9
57 20.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.026 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025553

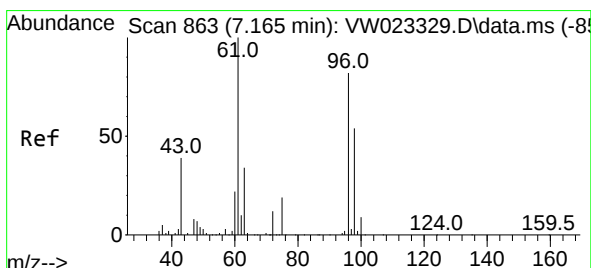
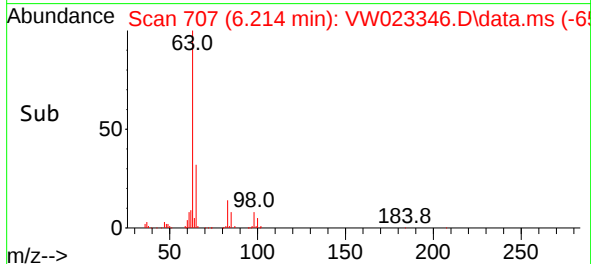
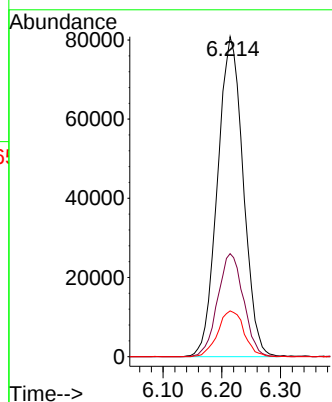
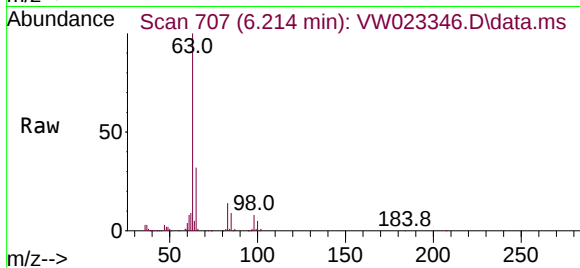
Tgt Ion: 63 Resp: 245620

Ion Ratio Lower Upper

63 100

65 32.2 23.3 43.3

83 14.3 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 26.671 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

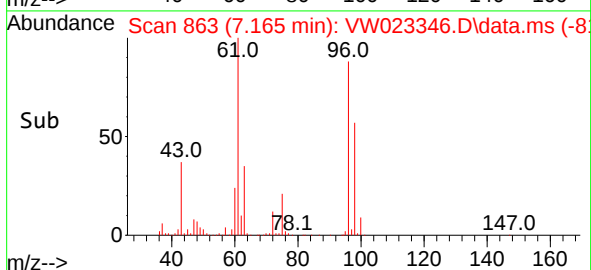
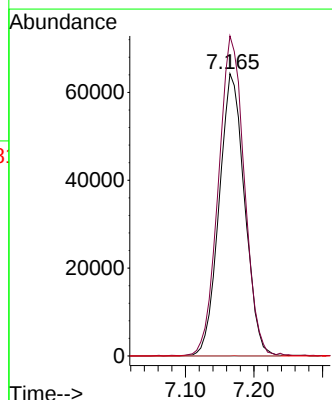
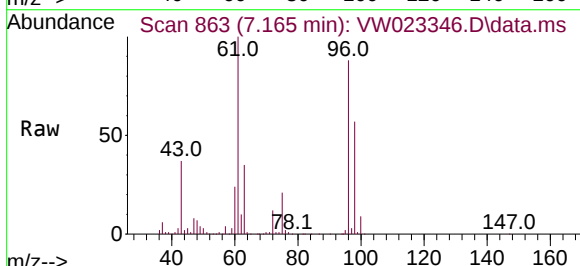
Tgt Ion: 96 Resp: 165892

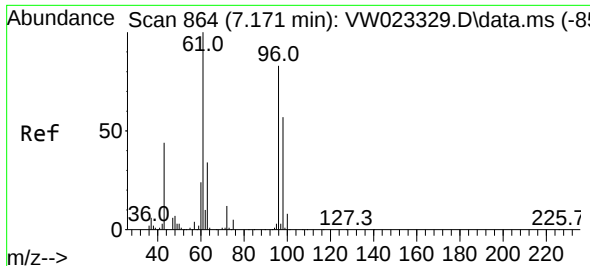
Ion Ratio Lower Upper

96 100

61 113.4 84.2 156.4

68 0.0 0.1 0.1#

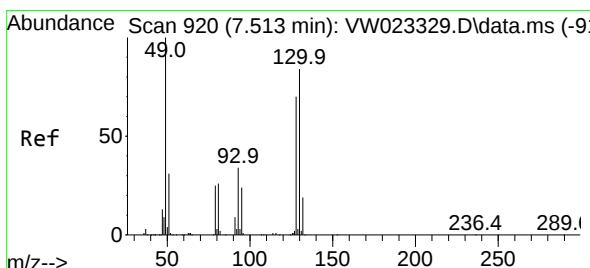
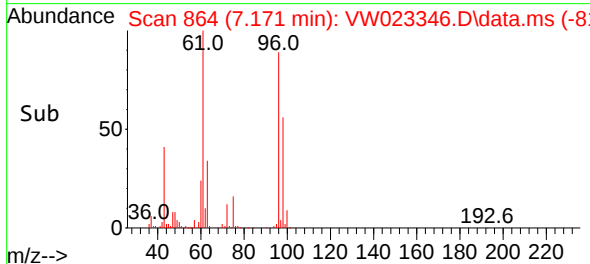
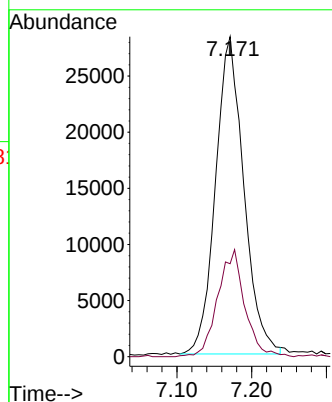
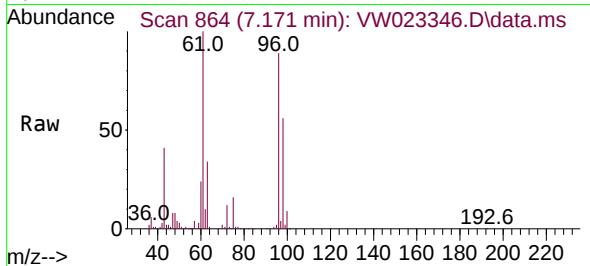




#22
2-Butanone
Concen: 45.358 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

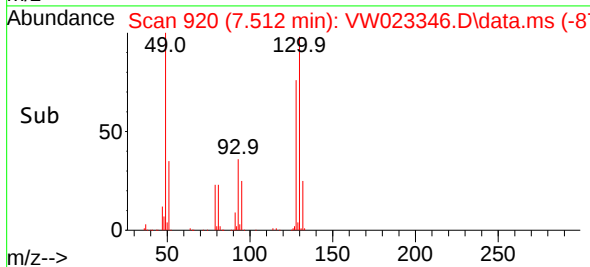
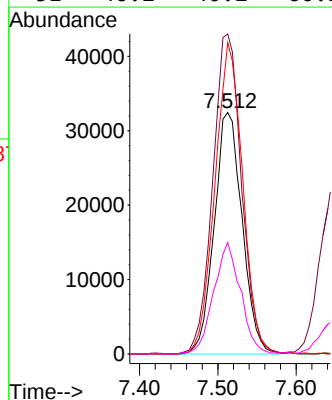
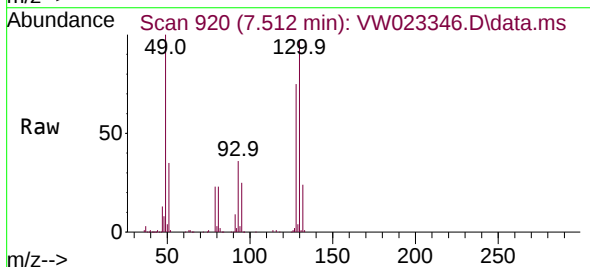
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

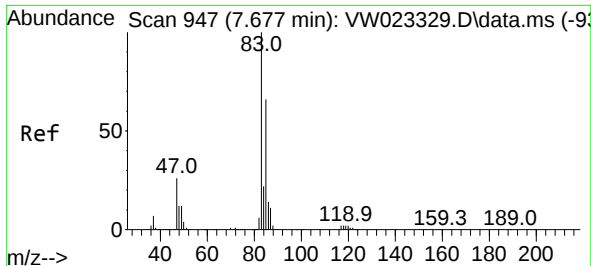
Tgt Ion: 43 Resp: 74432
Ion Ratio Lower Upper
43 100
72 32.2 15.1 45.3



#23
Bromochloromethane
Concen: 27.566 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion: 128 Resp: 80296
Ion Ratio Lower Upper
128 100
49 132.5 110.0 204.4
130 128.9 94.8 176.0
51 46.2 40.2 60.2

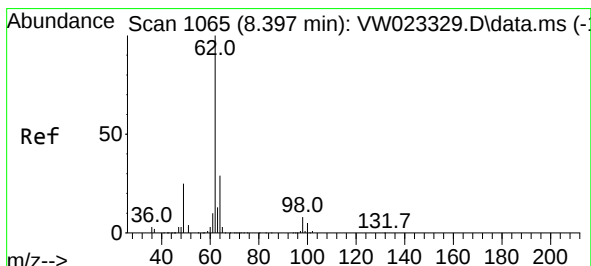
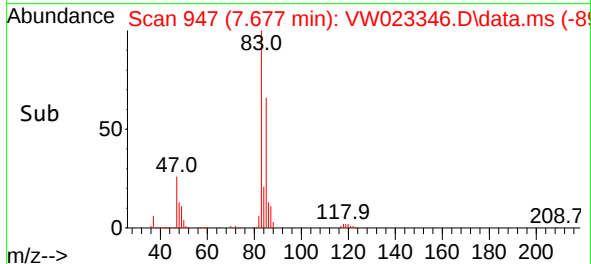
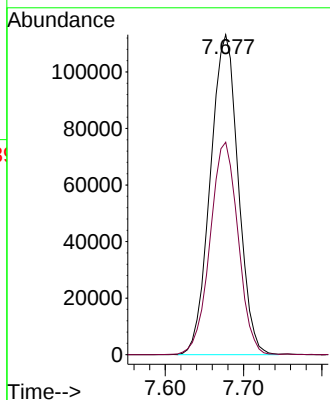
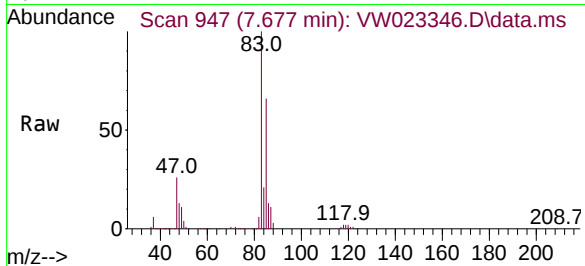




#25
Chloroform
Concen: 25.823 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

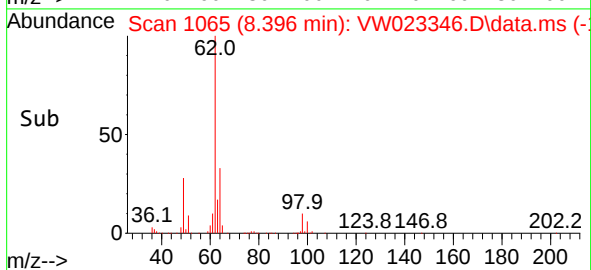
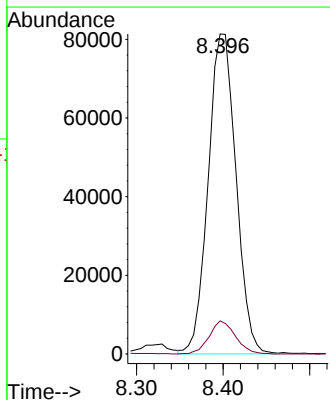
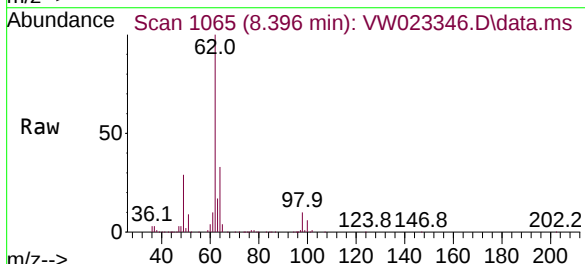
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

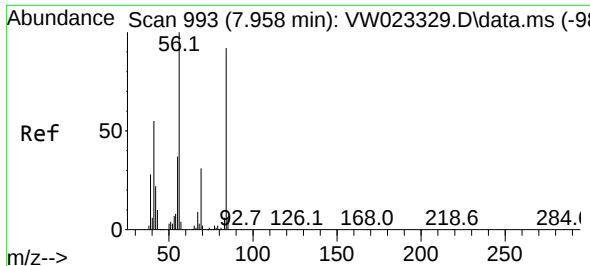
Tgt Ion: 83 Resp: 280236
Ion Ratio Lower Upper
83 100
85 66.4 46.6 86.6



#27
1,2-Dichloroethane
Concen: 25.141 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion: 62 Resp: 181874
Ion Ratio Lower Upper
62 100
98 10.4 7.2 10.8





#29

Cyclohexane

Concen: 23.633 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025553

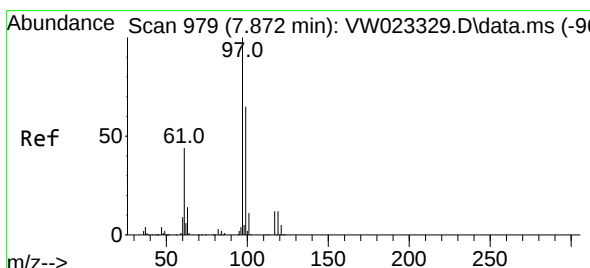
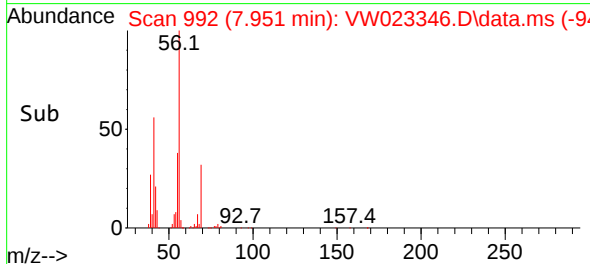
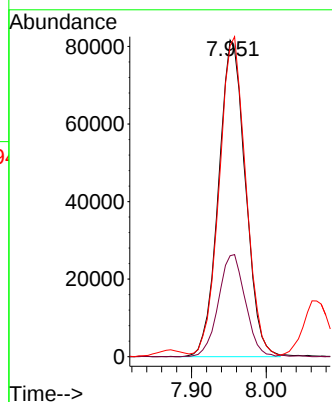
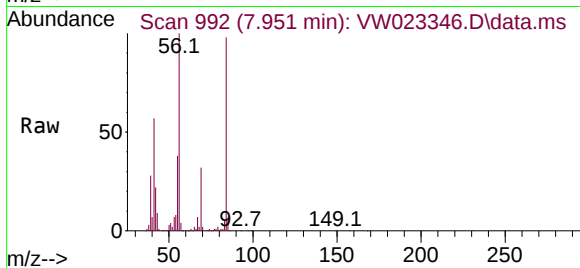
Tgt Ion: 56 Resp: 204185

Ion Ratio Lower Upper

56 100

69 32.2 25.6 38.4

84 100.1 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 25.448 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

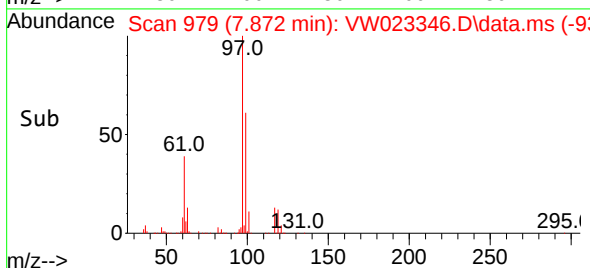
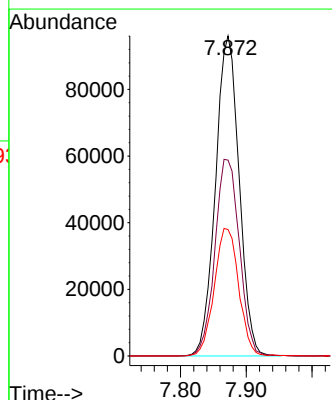
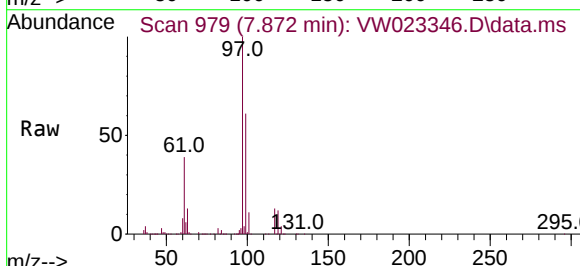
Tgt Ion: 97 Resp: 240251

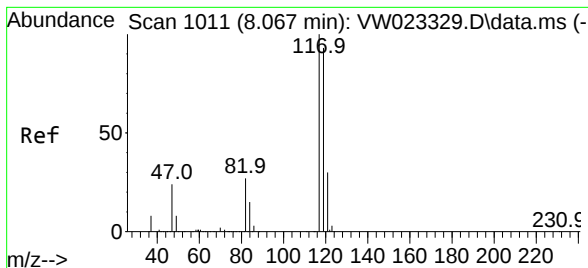
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 41.1 34.8 52.2

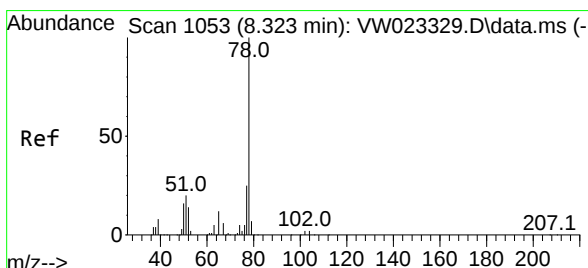
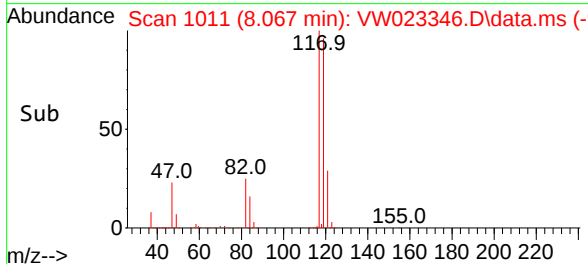
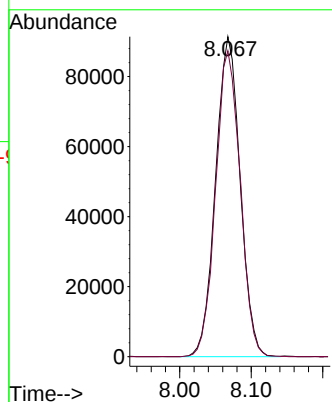
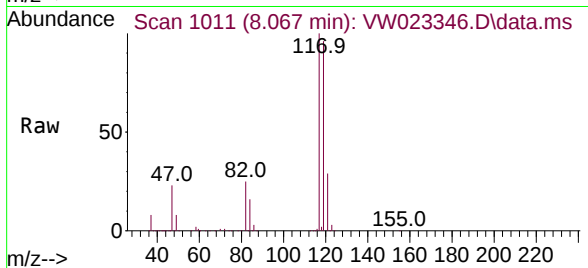




#31
Carbon tetrachloride
Concen: 24.660 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

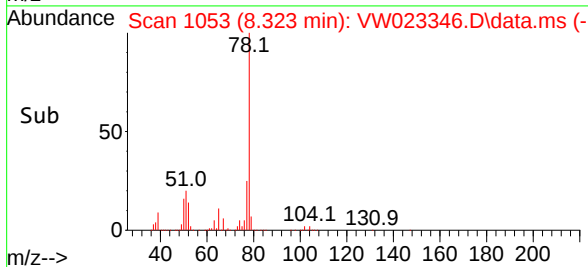
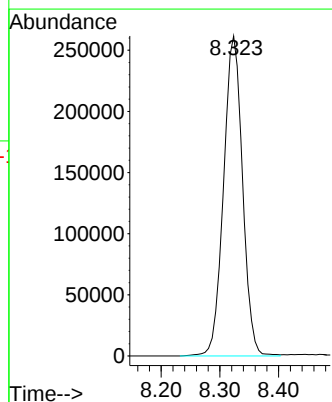
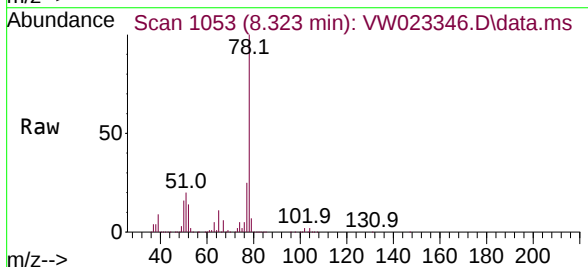
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

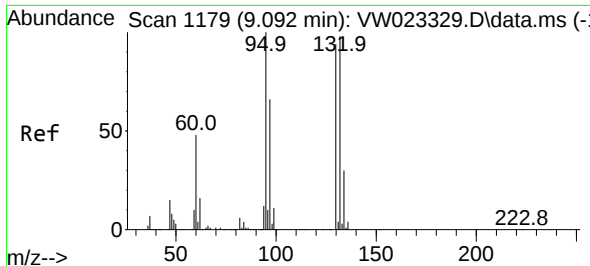
Tgt Ion:117 Resp: 217782
Ion Ratio Lower Upper
117 100
119 95.9 76.6 115.0



#33
Benzene
Concen: 24.941 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion: 78 Resp: 586975

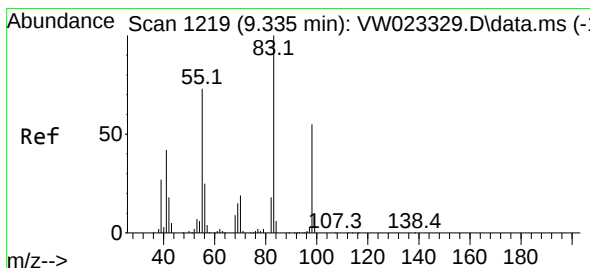
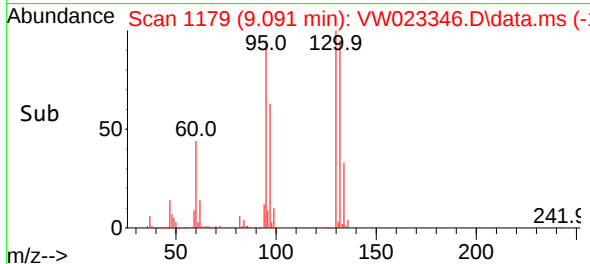
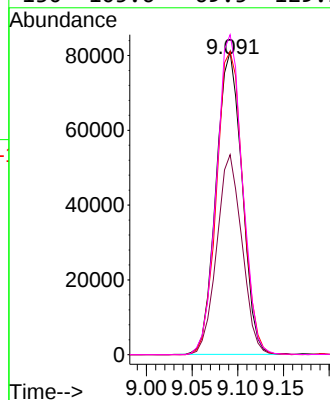
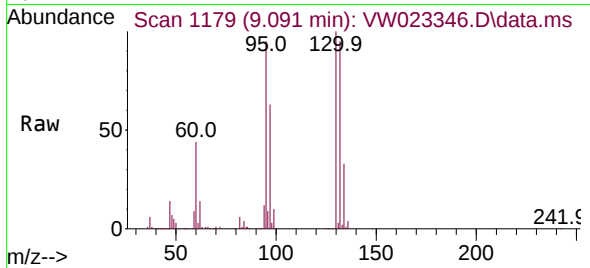




#34
Trichloroethene
Concen: 24.677 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

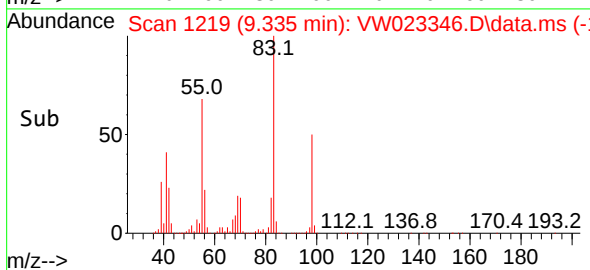
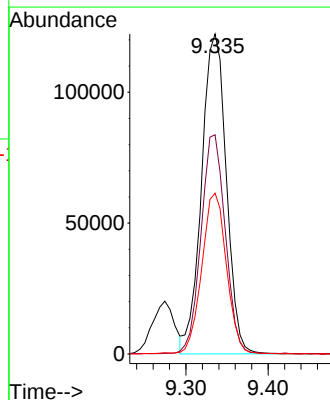
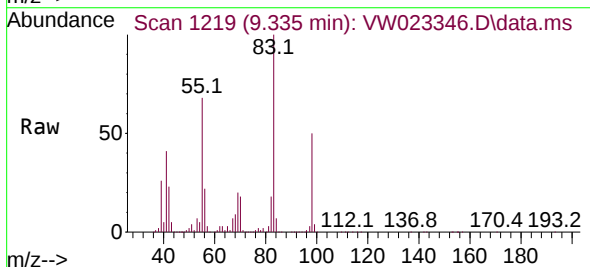
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

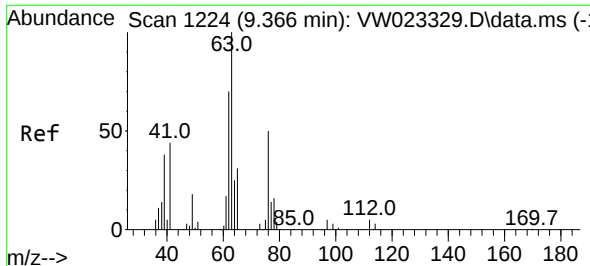
Tgt Ion: 95 Resp: 159715
Ion Ratio Lower Upper
95 100
97 66.0 46.1 85.7
132 100.0 66.9 124.3
130 105.6 69.5 129.1



#35
Methylcyclohexane
Concen: 24.019 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion: 83 Resp: 255388
Ion Ratio Lower Upper
83 100
55 67.2 55.1 82.7
98 50.2 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.598 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

Instrument :

MSVOA_W

ClientSampleId :

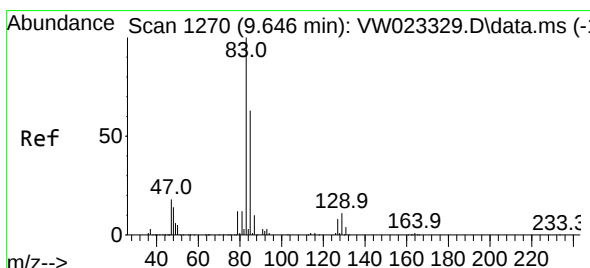
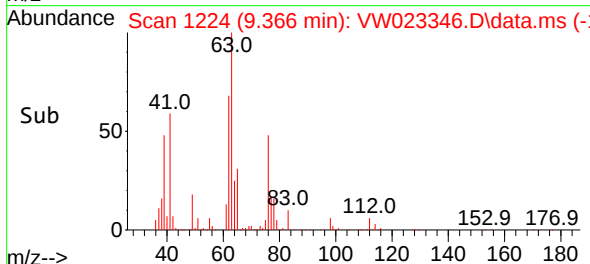
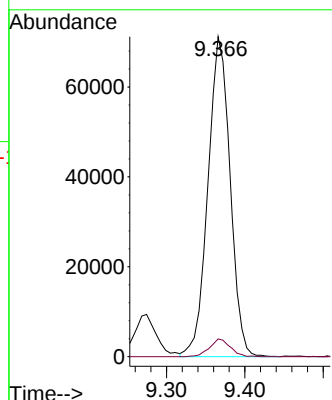
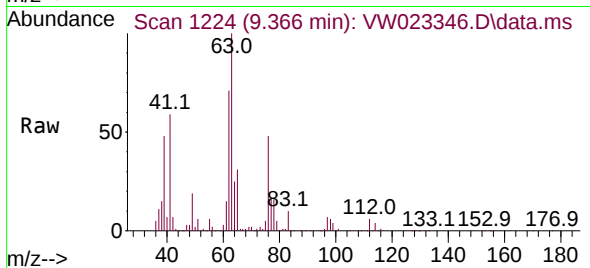
VSTD025553

Tgt Ion: 63 Resp: 140093

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 25.090 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

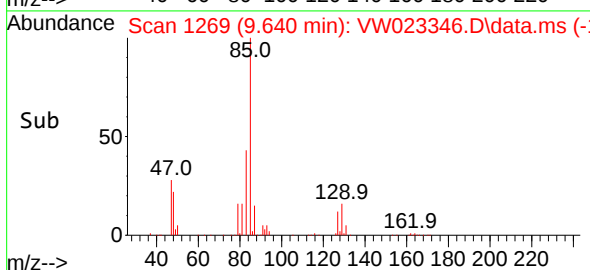
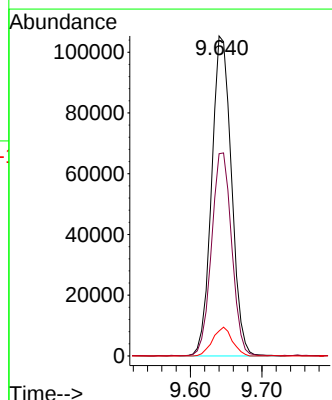
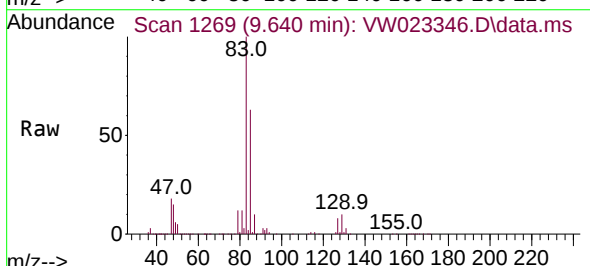
Tgt Ion: 83 Resp: 202963

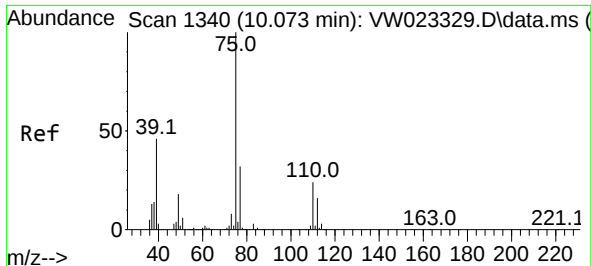
Ion Ratio Lower Upper

83 100

85 63.2 43.5 80.7

127 7.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.654 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

Instrument :

MSVOA_W

ClientSampleId :

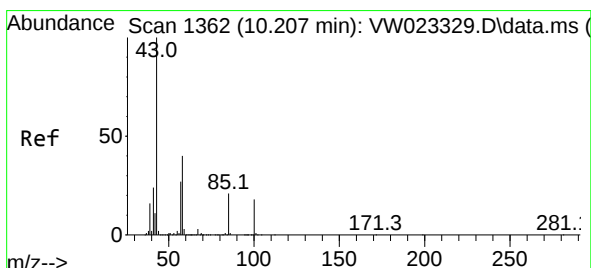
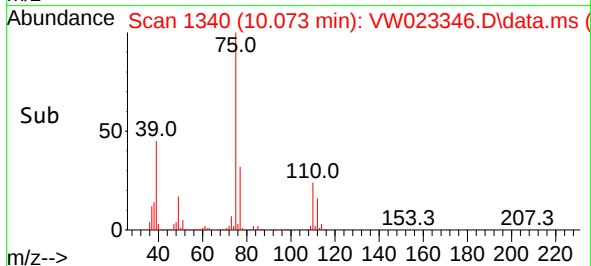
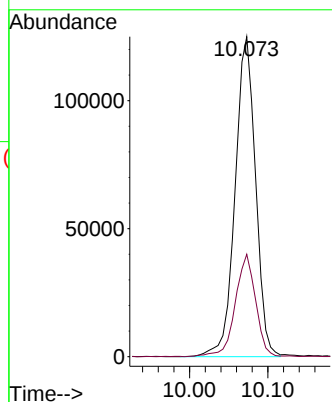
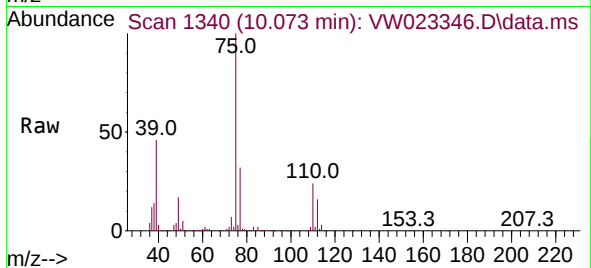
VSTD025553

Tgt Ion: 75 Resp: 226551

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 49.917 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

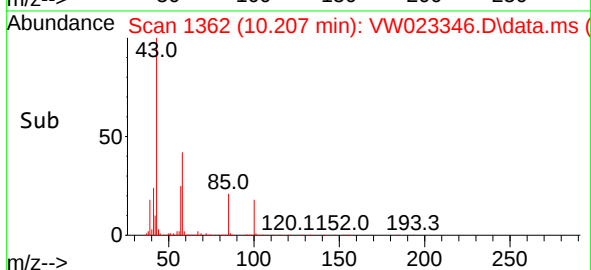
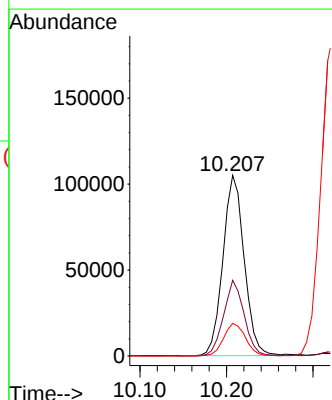
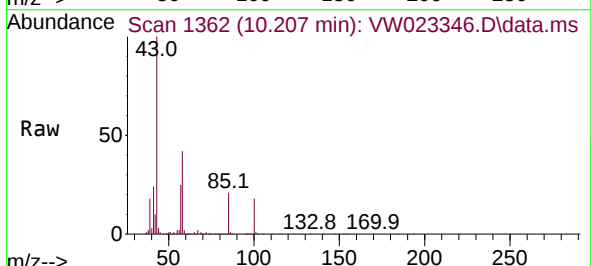
Tgt Ion: 43 Resp: 179186

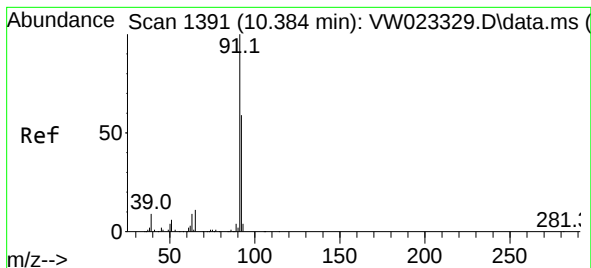
Ion Ratio Lower Upper

43 100

58 40.7 31.4 47.2

100 18.6 14.2 21.4





#42

Toluene

Concen: 25.679 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

Instrument :

MSVOA_W

ClientSampleId :

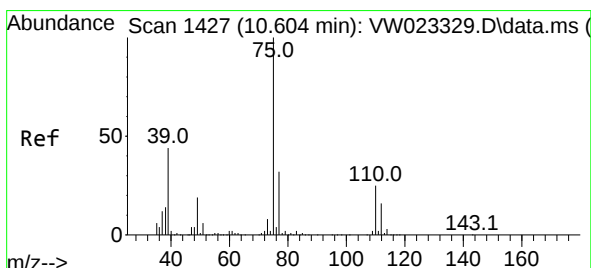
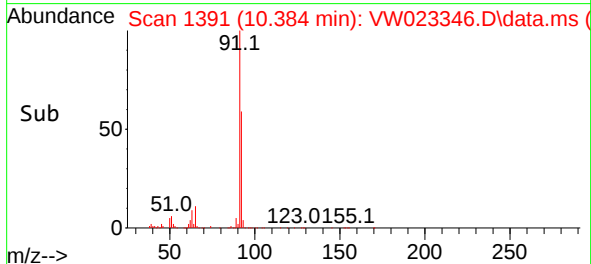
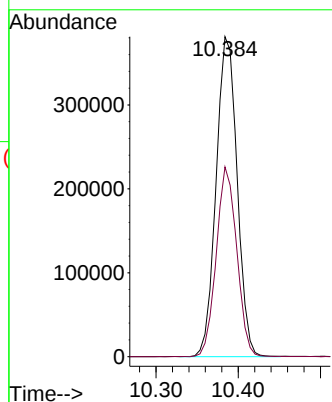
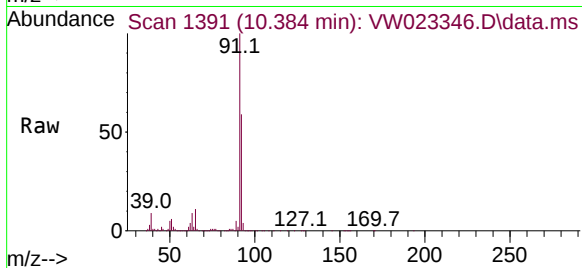
VSTD025553

Tgt Ion: 91 Resp: 677274

Ion Ratio Lower Upper

91 100

92 59.3 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 25.343 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW023346.D

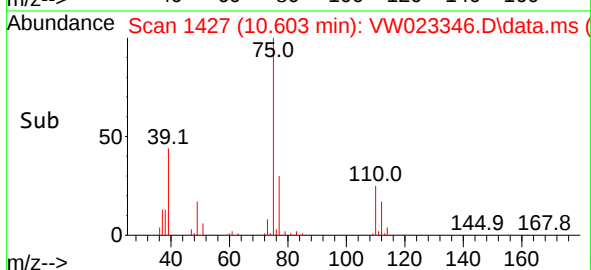
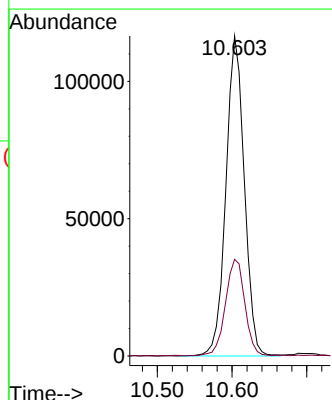
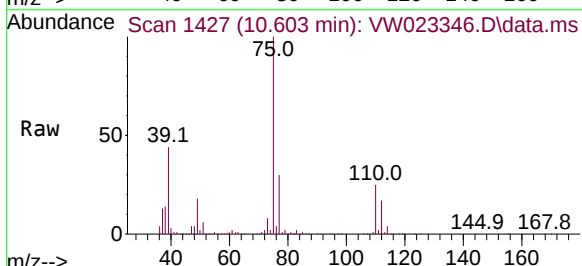
Acq: 26 May 2022 02:41

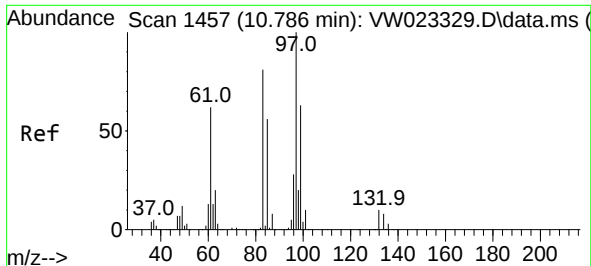
Tgt Ion: 75 Resp: 199758

Ion Ratio Lower Upper

75 100

77 30.2 22.0 40.8



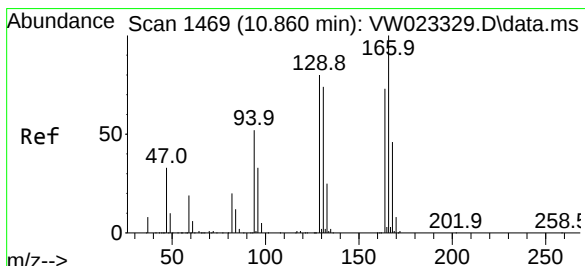
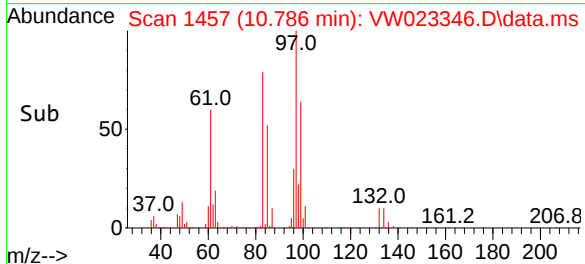
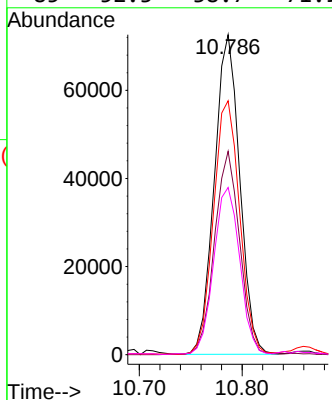
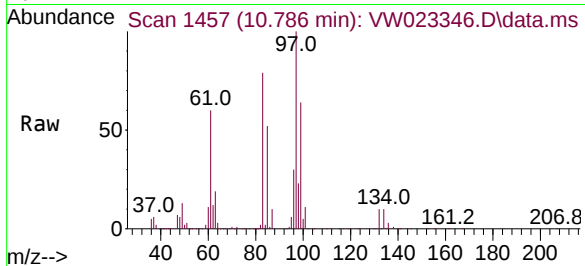


#45
1,1,2-Trichloroethane
Concen: 26.131 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

Tgt Ion: 97 Resp: 124410

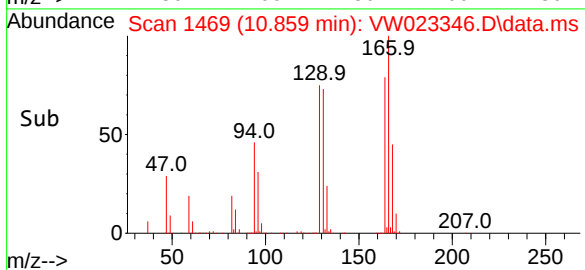
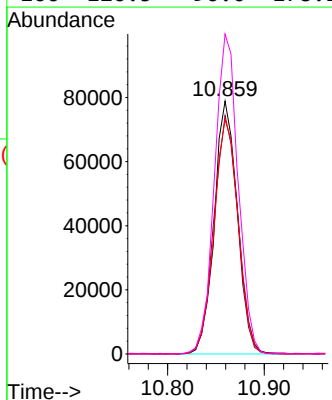
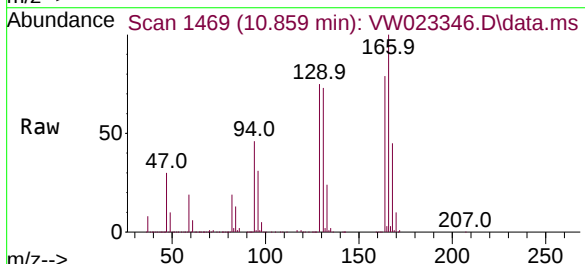
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.7	82.9
83	79.3	58.4	108.4
85	52.3	38.7	71.9

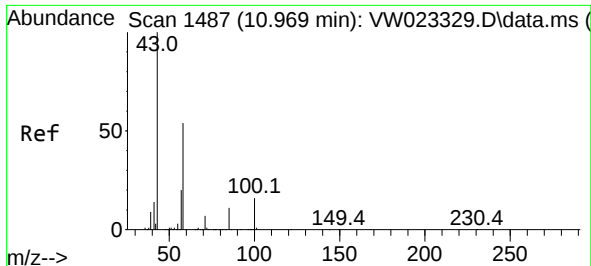


#46
Tetrachloroethene
Concen: 26.925 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion: 164 Resp: 130963

Ion	Ratio	Lower	Upper
164	100		
129	94.3	76.9	142.7
131	92.6	75.1	139.5
166	126.5	96.0	178.2

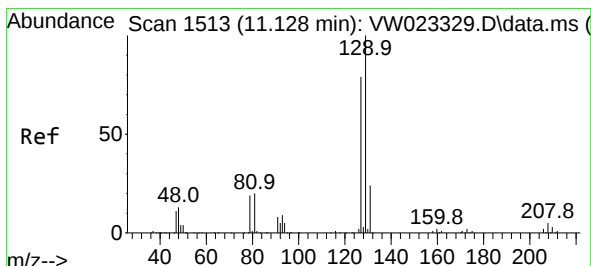
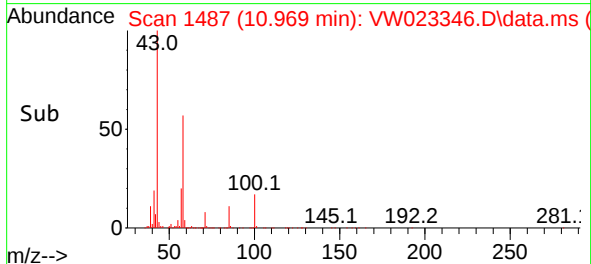
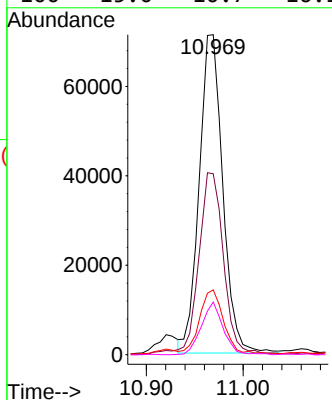
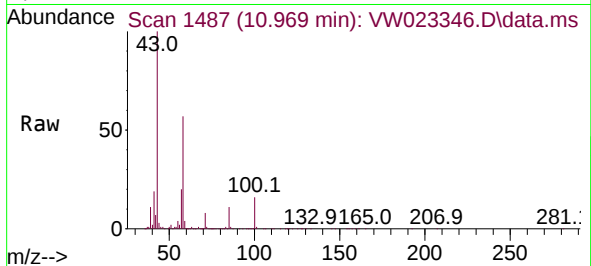




#48
2-Hexanone
Concen: 50.509 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

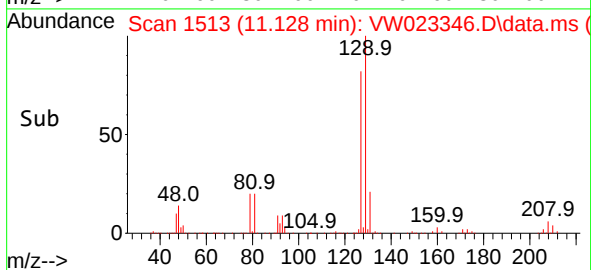
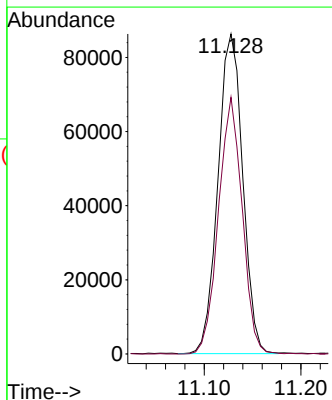
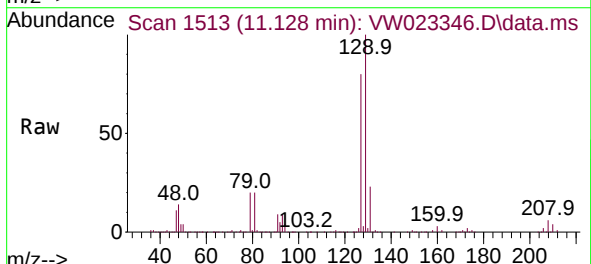
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

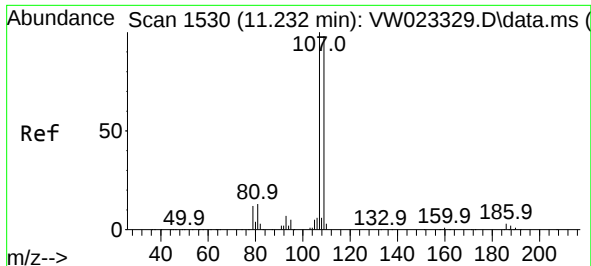
Tgt Ion:	43	Resp:	121144
Ion	Ratio	Lower	Upper
43	100		
58	60.2	45.9	68.9
57	19.9	16.2	24.2
100	15.0	10.7	16.1



#49
Dibromochloromethane
Concen: 26.737 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion:	129	Resp:	153208
Ion	Ratio	Lower	Upper
129	100		
127	80.2	53.8	100.0

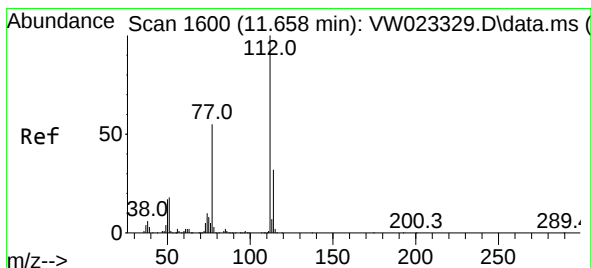
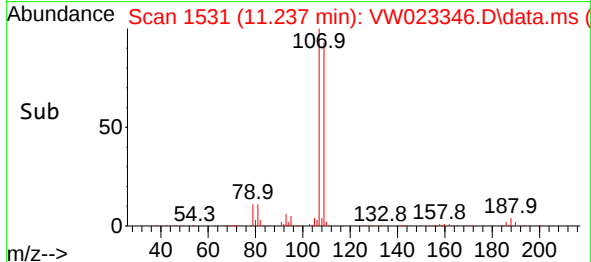
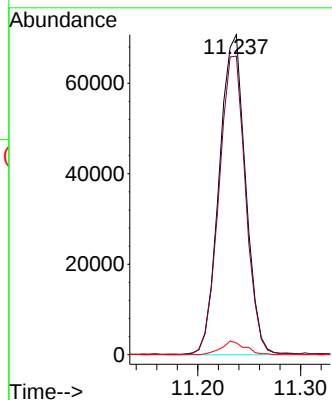
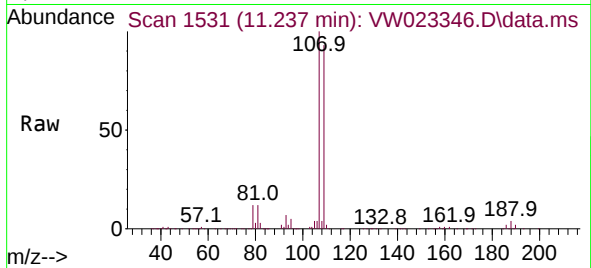




#50
1,2-Dibromoethane
Concen: 26.285 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

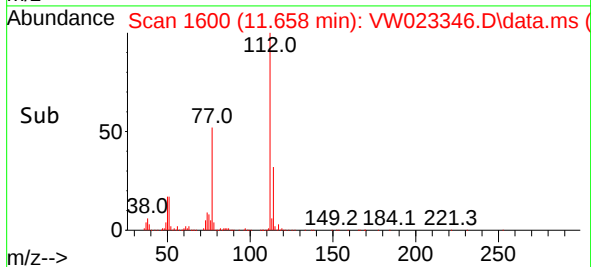
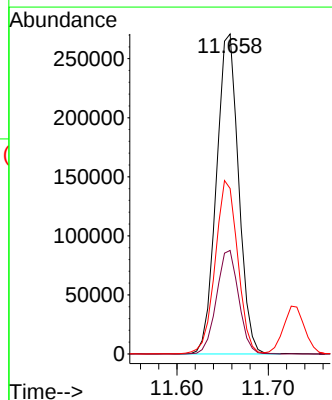
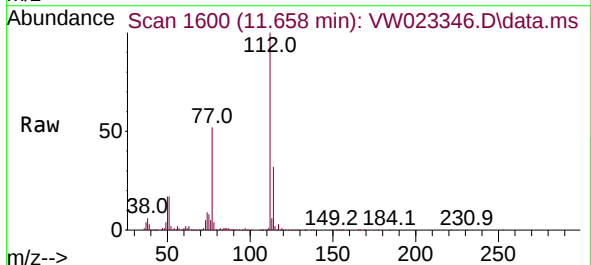
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

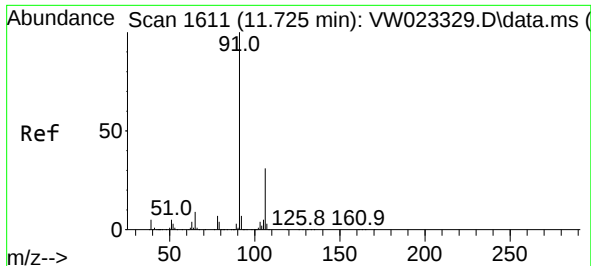
Tgt Ion:107 Resp: 125658
Ion Ratio Lower Upper
107 100
109 93.3 67.5 125.4
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 26.292 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion:112 Resp: 457170
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 51.7 42.6 63.8

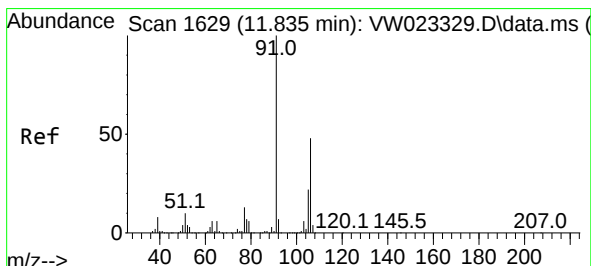
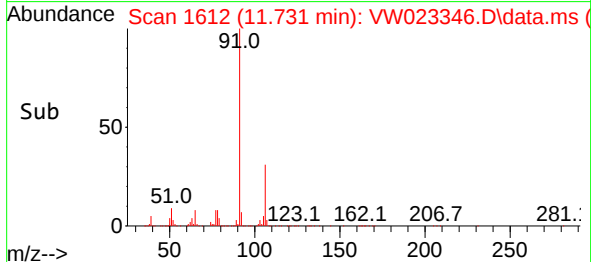
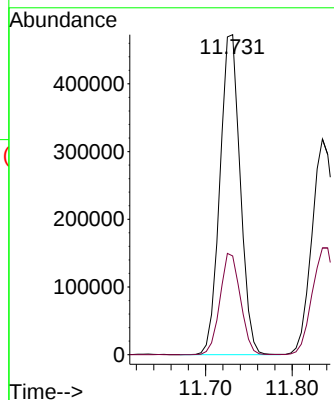
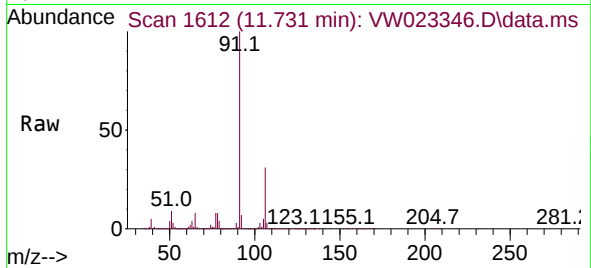




#52
Ethylbenzene
Concen: 26.228 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

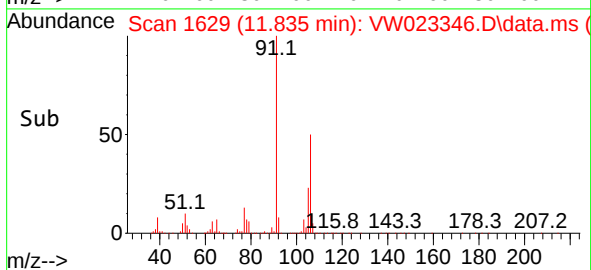
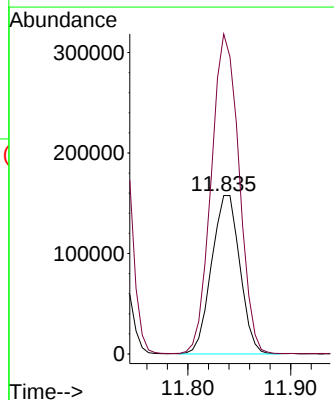
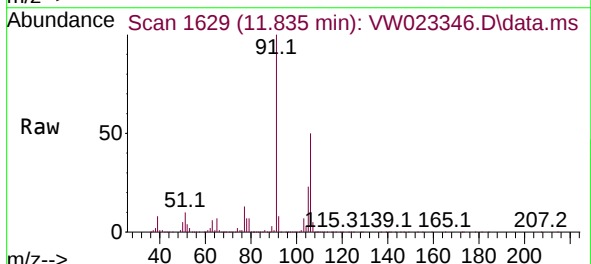
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

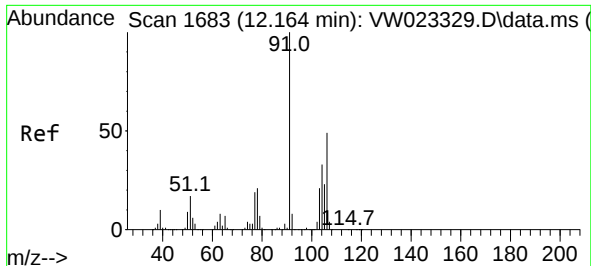
Tgt Ion: 91 Resp: 769598
Ion Ratio Lower Upper
91 100
106 30.8 22.3 41.3



#53
m,p-Xylene
Concen: 26.049 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion: 106 Resp: 301168
Ion Ratio Lower Upper
106 100
91 201.9 136.8 254.0

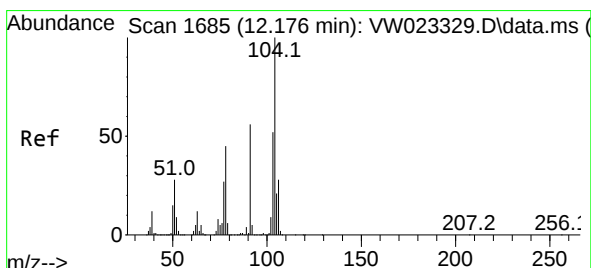
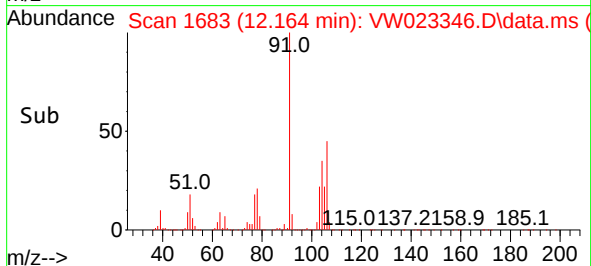
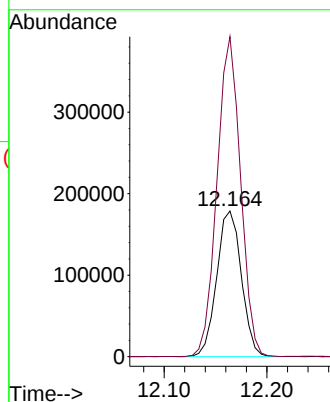
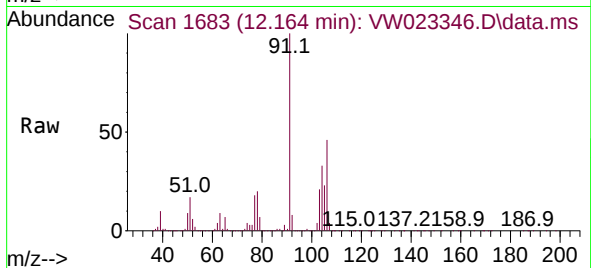




#54
o-Xylene
Concen: 26.768 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

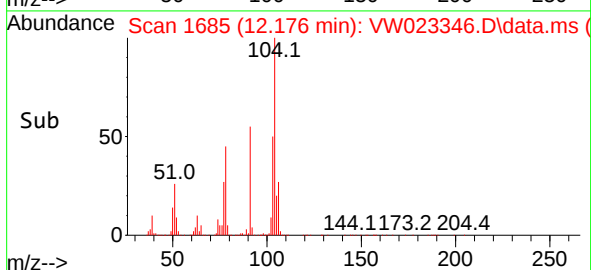
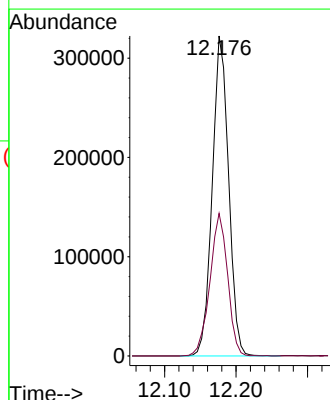
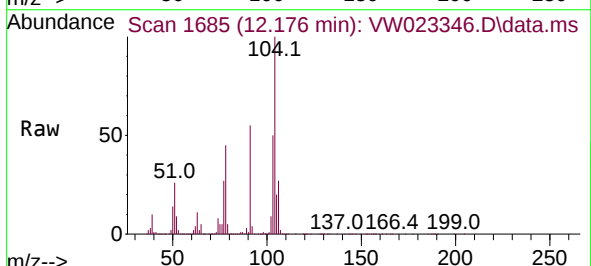
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

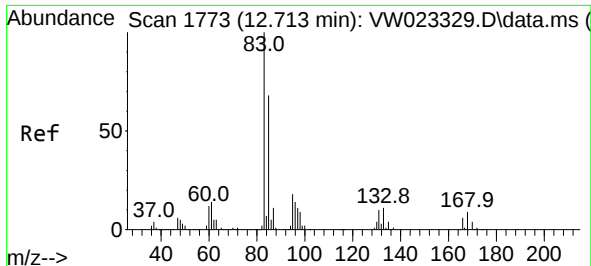
Tgt Ion:106 Resp: 296980
Ion Ratio Lower Upper
106 100
91 219.8 147.2 273.4



#55
Styrene
Concen: 27.144 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion:104 Resp: 511735
Ion Ratio Lower Upper
104 100
78 44.6 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.742 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025553

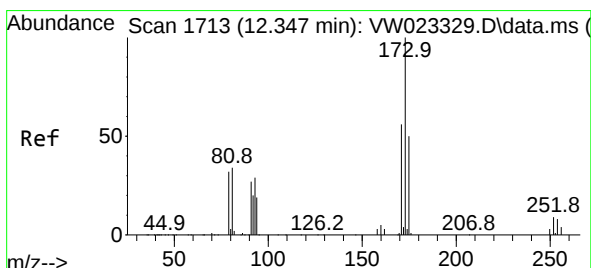
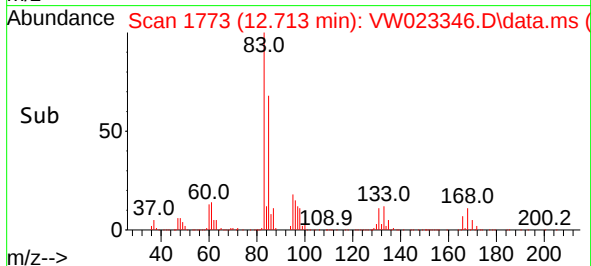
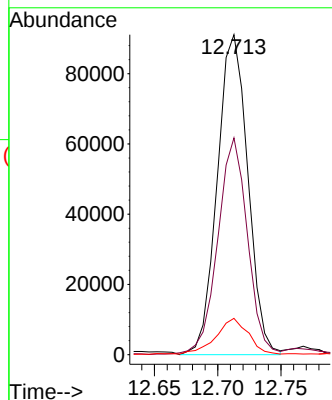
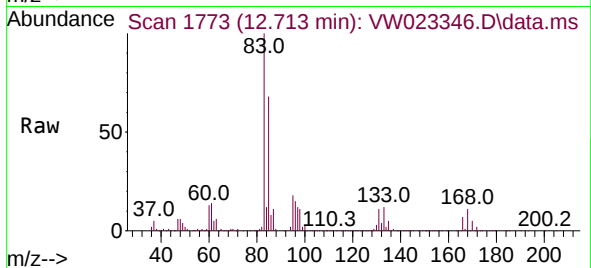
Tgt Ion: 83 Resp: 153080

Ion Ratio Lower Upper

83 100

85 67.7 47.5 88.1

131 11.4 8.7 13.1



#59

Bromoform

Concen: 26.673 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

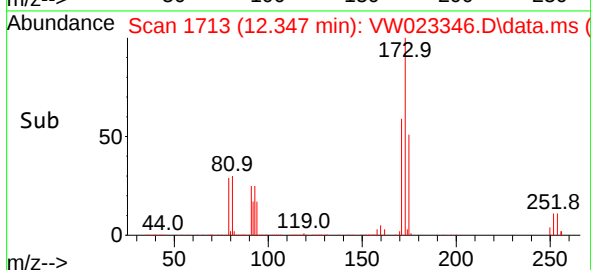
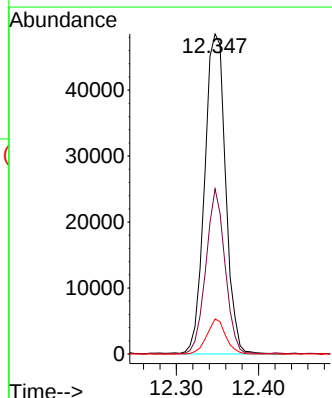
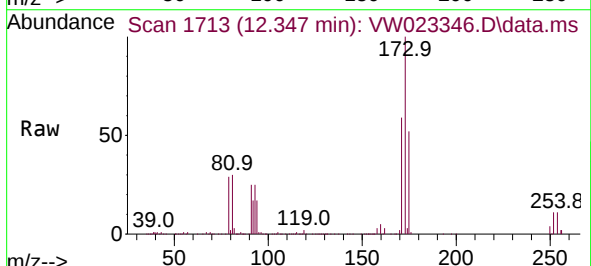
Tgt Ion:173 Resp: 85796

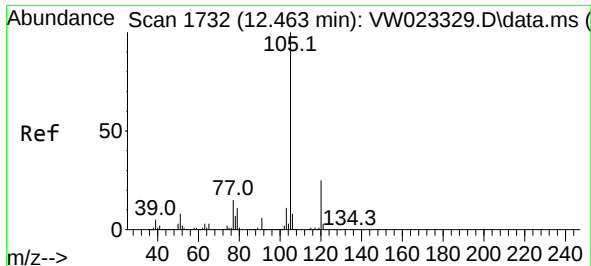
Ion Ratio Lower Upper

173 100

175 47.1 38.1 57.1

254 9.8 6.5 9.7#

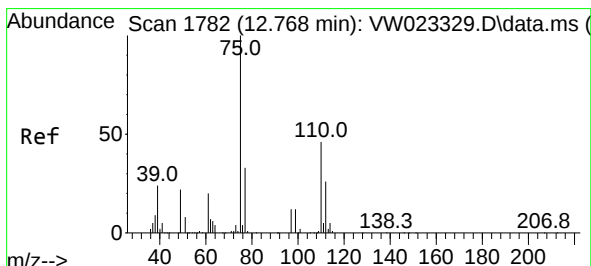
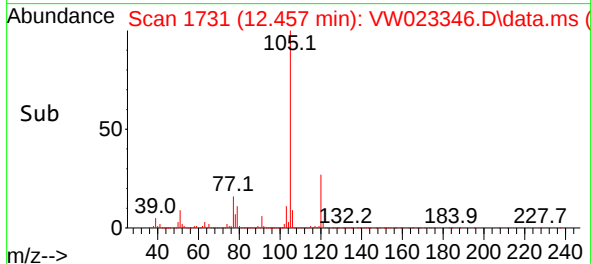
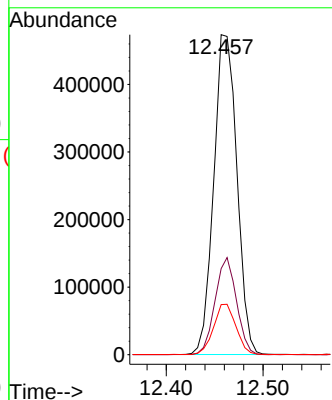
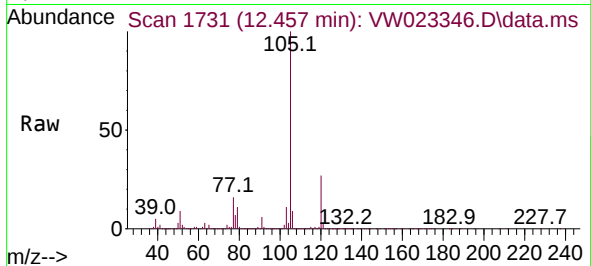




#60
Isopropylbenzene
Concen: 25.289 ug/L
RT: 12.457 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

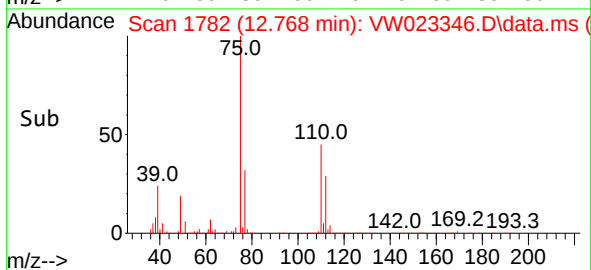
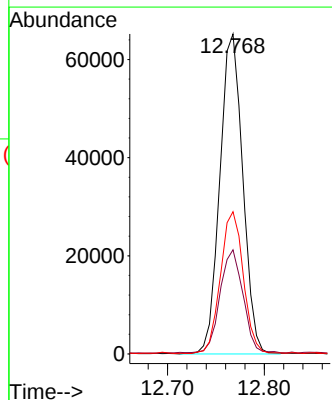
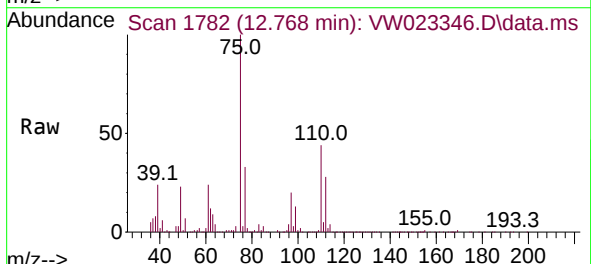
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

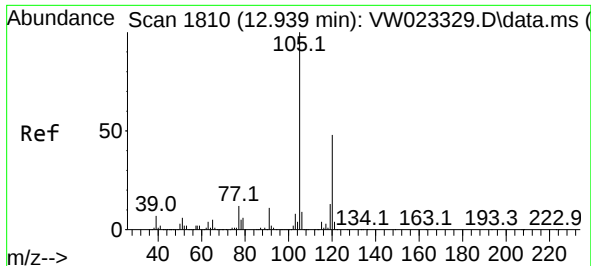
Tgt Ion:105 Resp: 786337
Ion Ratio Lower Upper
105 100
120 28.0 21.3 31.9
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 23.638 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion: 75 Resp: 107201
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 44.1 34.1 51.1

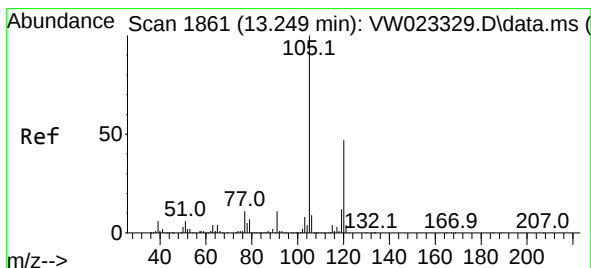
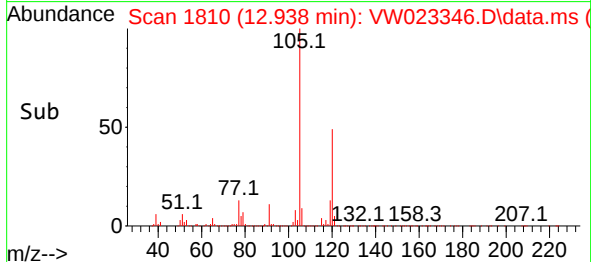
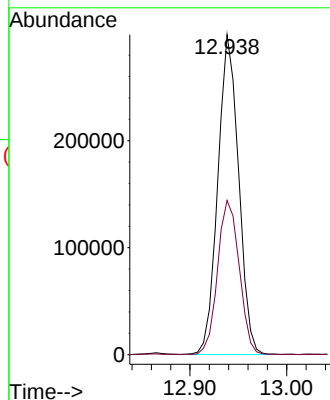
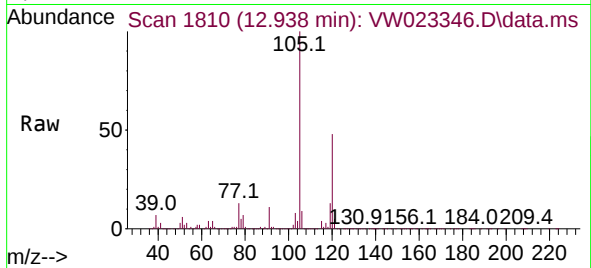




#62
1,3,5-Trimethylbenzene
Concen: 25.808 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

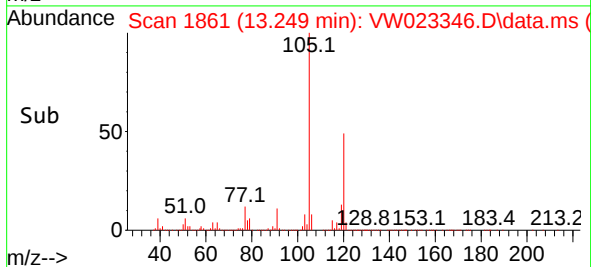
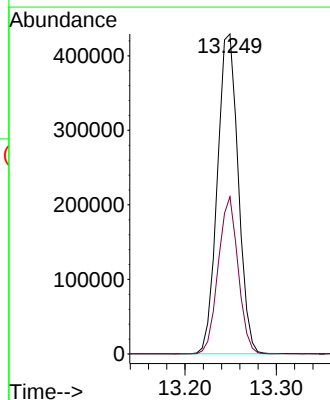
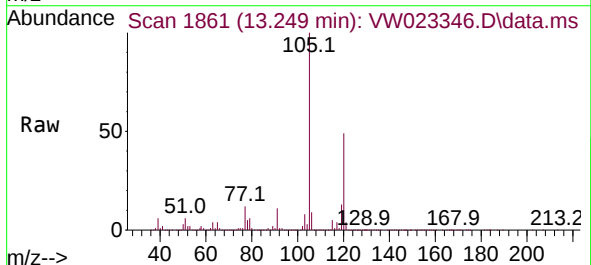
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

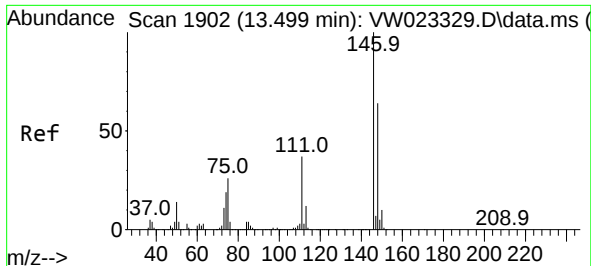
Tgt Ion:105 Resp: 446439
Ion Ratio Lower Upper
105 100
120 50.1 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 26.225 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion:105 Resp: 681173
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.2

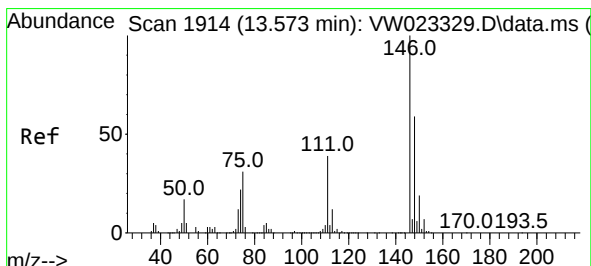
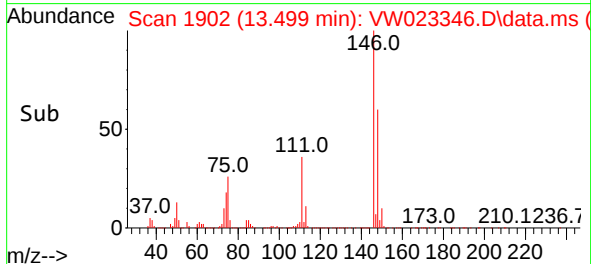
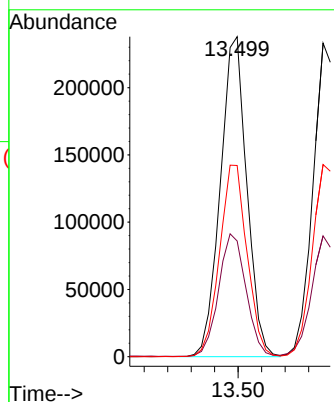
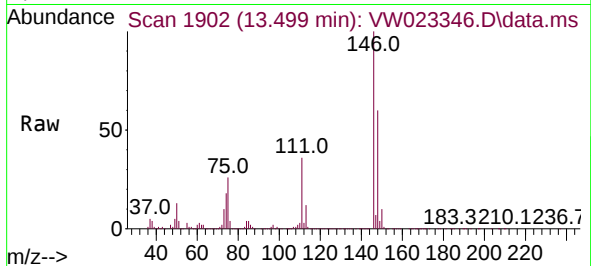




#64
1,3-Dichlorobenzene
Concen: 26.895 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

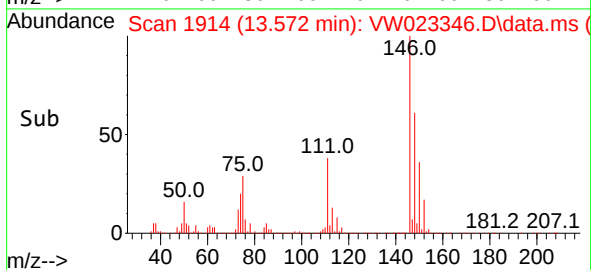
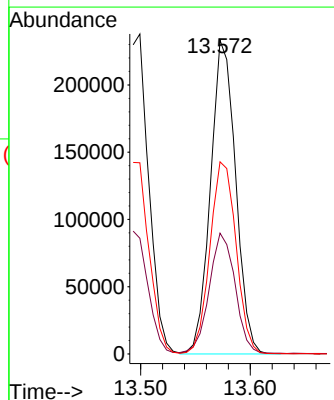
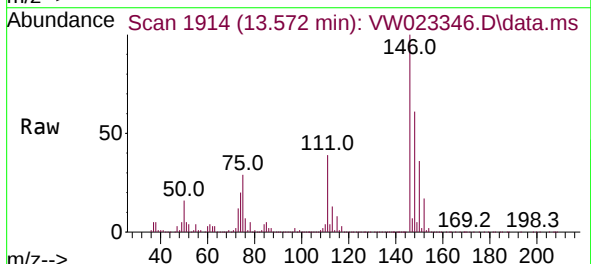
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

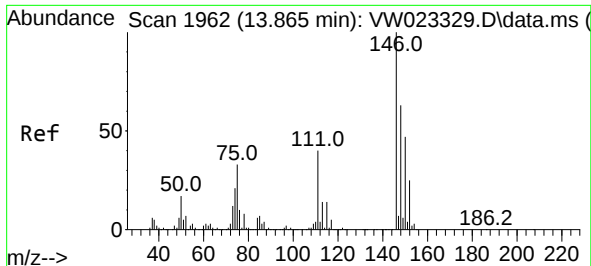
Tgt Ion:146 Resp: 373371
Ion Ratio Lower Upper
146 100
111 36.2 29.5 54.9
148 59.8 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 25.882 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion:146 Resp: 371131
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.4
148 61.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 27.418 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025553

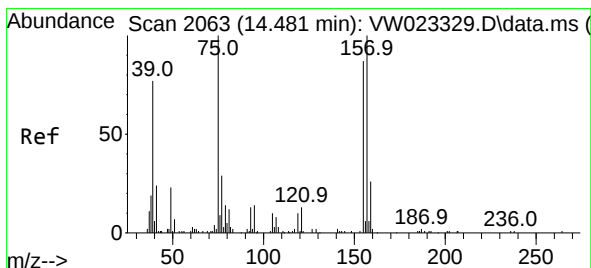
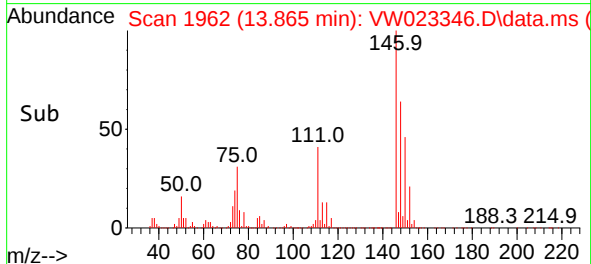
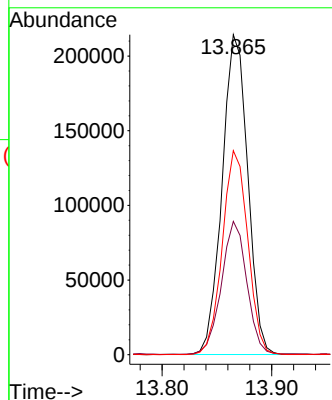
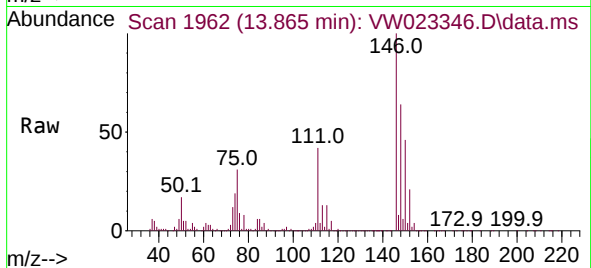
Tgt Ion:146 Resp: 348299

Ion Ratio Lower Upper

146 100

111 41.7 35.7 53.5

148 63.8 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.105 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

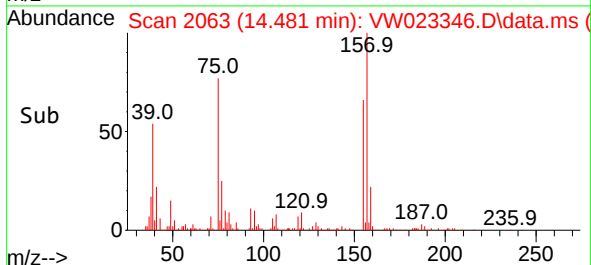
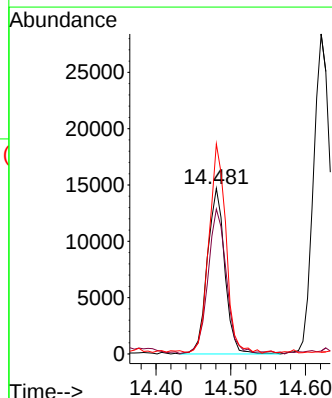
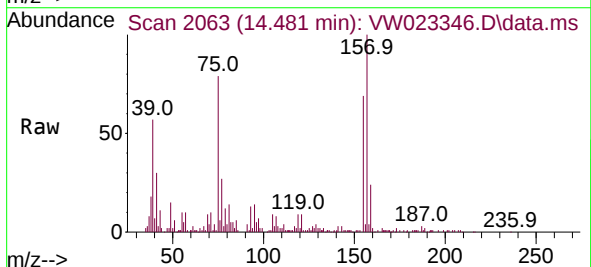
Tgt Ion: 75 Resp: 23891

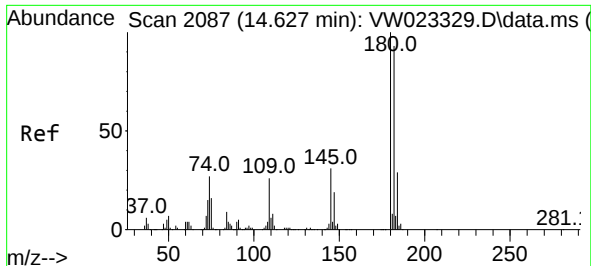
Ion Ratio Lower Upper

75 100

155 87.5 59.3 88.9

157 126.9 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 28.664 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025553

Tgt Ion:180 Resp: 264139

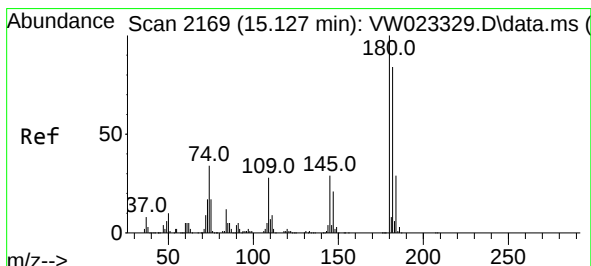
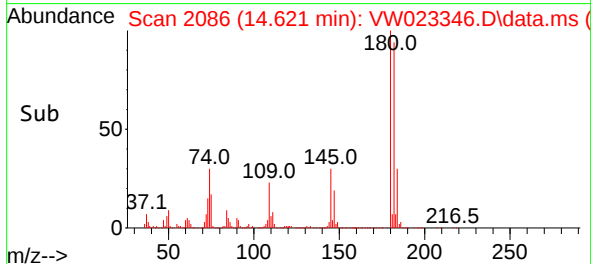
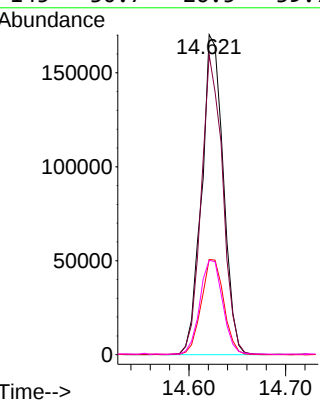
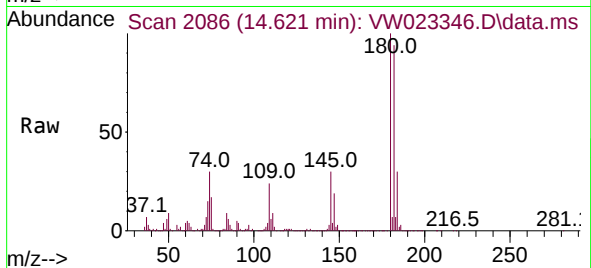
Ion Ratio Lower Upper

180 100

182 92.8 74.8 112.2

184 30.9 23.4 35.2

145 30.7 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 29.994 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023346.D

Acq: 26 May 2022 02:41

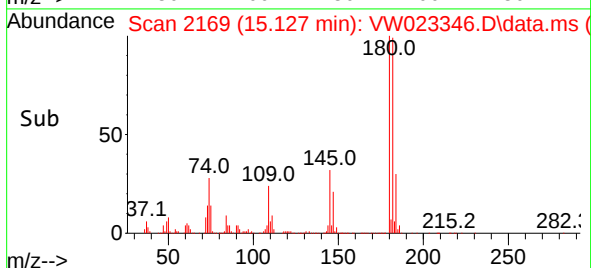
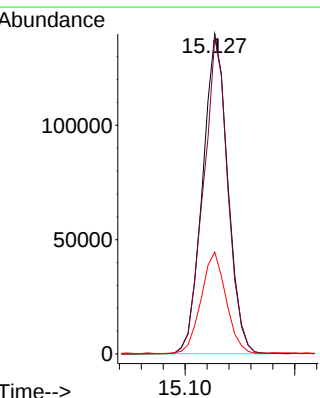
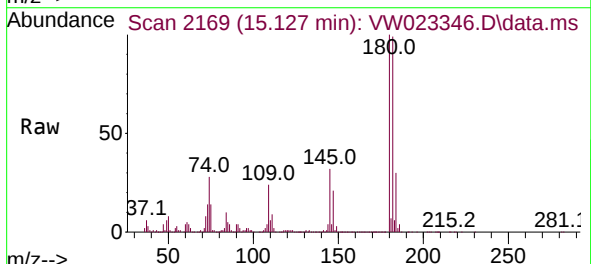
Tgt Ion:180 Resp: 222332

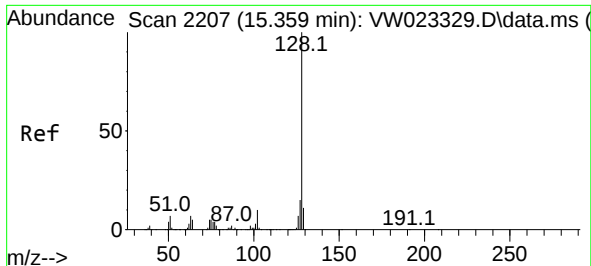
Ion Ratio Lower Upper

180 100

182 96.2 74.9 112.3

145 31.5 26.6 39.8

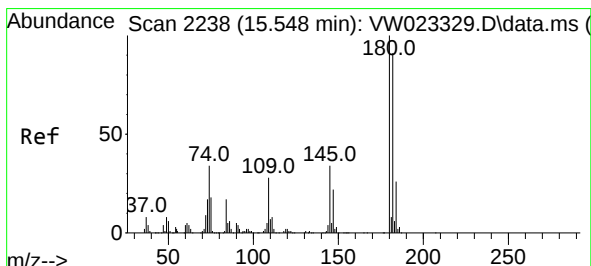
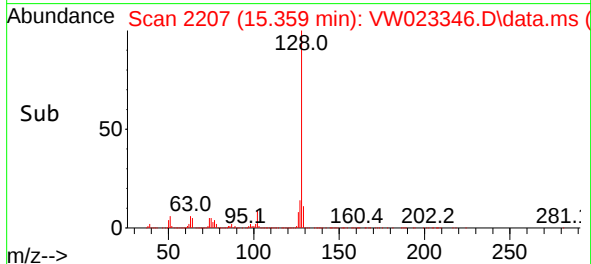
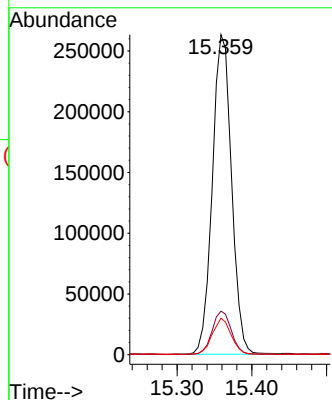
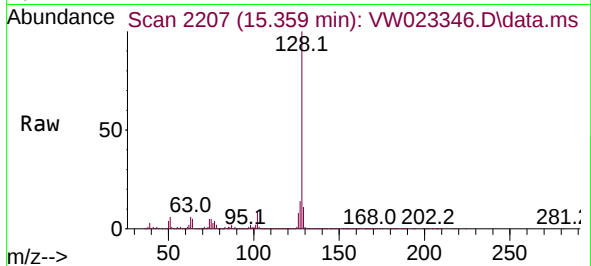




#71
Naphthalene
Concen: 29.121 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

Tgt Ion:128 Resp: 469171
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 29.961 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW023346.D
Acq: 26 May 2022 02:41

Tgt Ion:180 Resp: 196841
Ion Ratio Lower Upper
180 100
182 91.8 73.5 110.3
145 34.2 27.9 41.9

