

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023939.D
 Acq On : 20 Jul 2022 15:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Quant Time: Jul 20 23:09:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 06:30:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	284138	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	278718	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	157074	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	151011	20.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
7) Chloroethane-d5	2.879	69	111734	23.079	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.320%
11) 1,1-Dichloroethene-d2	4.013	63	148327	25.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.400%
21) 2-Butanone-d5	7.080	46	54165	48.119	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.240%
24) Chloroform-d	7.647	84	207226	25.050	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	8.305	65	110294	21.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	8.275	84	383256	26.452	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	9.275	67	113780	26.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.280%
41) Toluene-d8	10.323	98	361941	24.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.520%
43) trans-1,3-Dichloroprop...	10.573	79	49390	24.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.560%
47) 2-Hexanone-d5	10.921	63	48922	53.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.620%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119854	24.850	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	138042	24.619	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	71381	36.968	ug/L	97
3) Chloromethane	2.215	50	121888	25.777	ug/L	99
5) Vinyl chloride	2.355	62	179709	22.132	ug/L	99
6) Bromomethane	2.764	94	87171	16.598	ug/L	93
8) Chloroethane	2.916	64	89427	23.541	ug/L	95
9) Trichlorofluoromethane	3.245	101	90116	24.416	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	98293	27.212	ug/L	99
12) 1,1-Dichloroethene	4.038	96	79070	26.252	ug/L	87
13) Acetone	4.123	43	35453	44.547	ug/L	78
14) Carbon disulfide	4.379	76	204985	23.136	ug/L	99
16) Methylene chloride	4.916	84	105240	23.686	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	90671	24.811	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	137552	24.330	ug/L	98
19) 1,1-Dichloroethane	6.214	63	177777	26.373	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	104838	25.895	ug/L #	90
22) 2-Butanone	7.171	43	57269	43.787	ug/L	99
23) Bromochloromethane	7.513	128	50458	25.944	ug/L	96
25) Chloroform	7.677	83	199940	25.746	ug/L	93
27) 1,2-Dichloroethane	8.397	62	132093	23.111	ug/L	99

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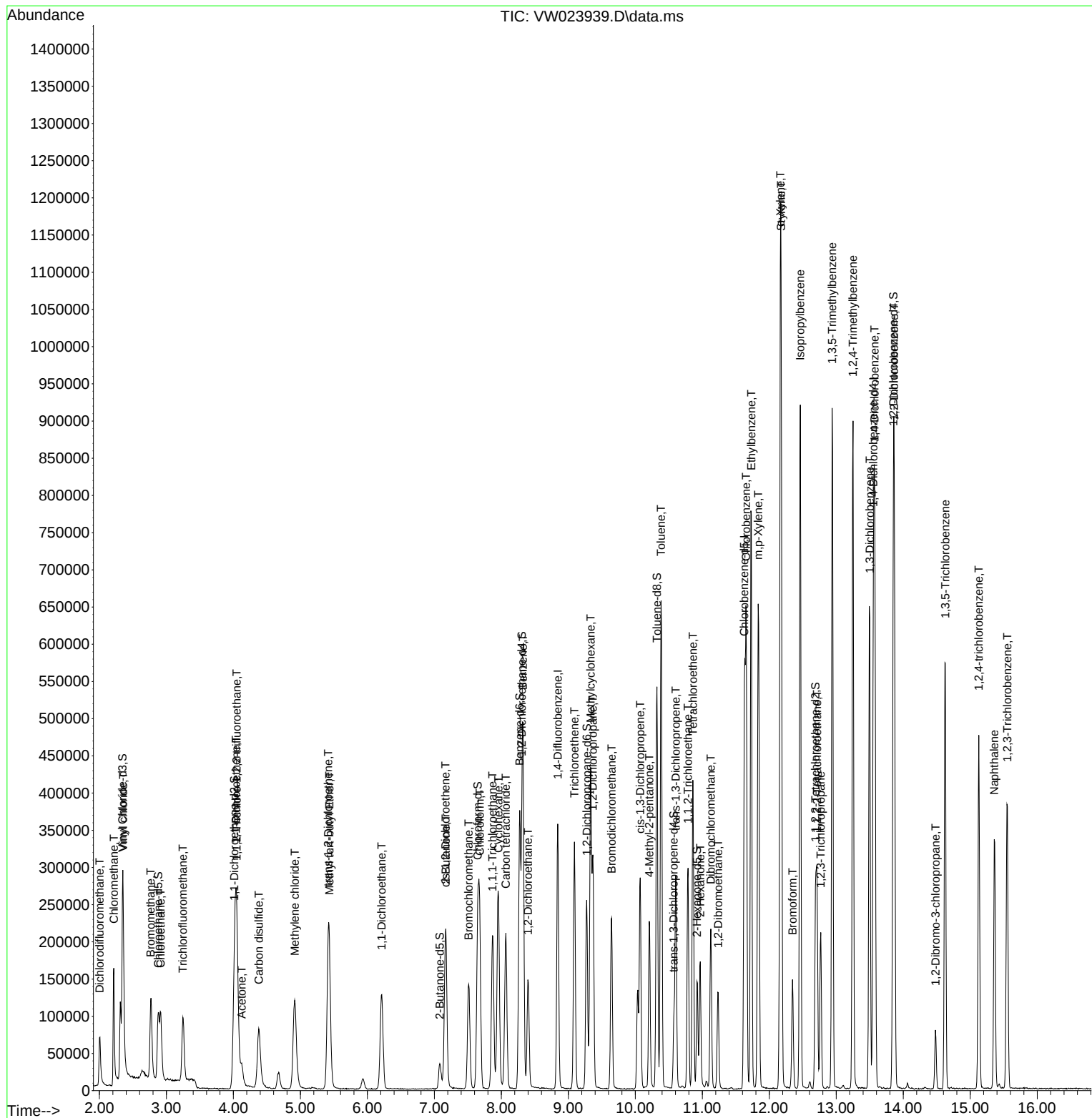
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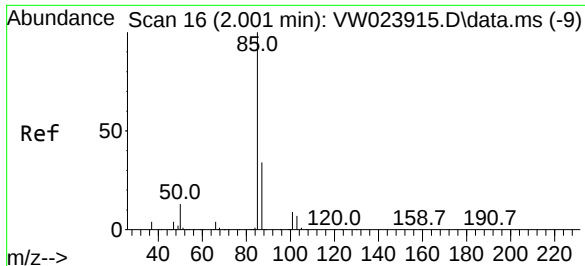
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	133743	26.237	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	165493	27.423	ug/L	99
31) Carbon tetrachloride	8.067	117	150265	27.622	ug/L	99
33) Benzene	8.323	78	417218	26.342	ug/L	100
34) Trichloroethene	9.092	95	107669	25.743	ug/L	97
35) Methylcyclohexane	9.335	83	166818	26.193	ug/L	96
37) 1,2-Dichloropropane	9.366	63	108243	27.259	ug/L	99
38) Bromodichloromethane	9.646	83	150008	27.067	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	161187	26.932	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	136414	49.368	ug/L	96
42) Toluene	10.384	91	480463	26.599	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	149541	26.288	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	89115	25.666	ug/L	98
46) Tetrachloroethene	10.860	164	84390	26.094	ug/L	100
48) 2-Hexanone	10.969	43	102964	51.180	ug/L	96
49) Dibromochloromethane	11.128	129	107227	26.630	ug/L	92
50) 1,2-Dibromoethane	11.238	107	84955	25.468	ug/L	98
51) Chlorobenzene	11.652	112	319734	26.245	ug/L	96
52) Ethylbenzene	11.731	91	534161	26.023	ug/L	99
53) m,p-Xylene	11.835	106	212496	26.533	ug/L	95
54) o-Xylene	12.164	106	205809	26.759	ug/L	95
55) Styrene	12.176	104	362123	26.651	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	118146	24.947	ug/L	97
59) Bromoform	12.347	173	59826	25.830	ug/L	96
60) Isopropylbenzene	12.463	105	566389	26.843	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84222	24.453	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	473372	27.403	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	466431	27.007	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	258833	27.018	ug/L	90
65) 1,4-Dichlorobenzene	13.573	146	262259	25.732	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	239313	26.487	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17745	22.338	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	167724	26.451	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	132352	27.031	ug/L	99
71) Naphthalene	15.359	128	279499	26.611	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	125743	27.552	ug/L	98

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

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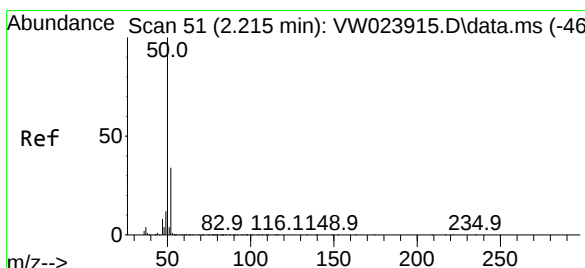
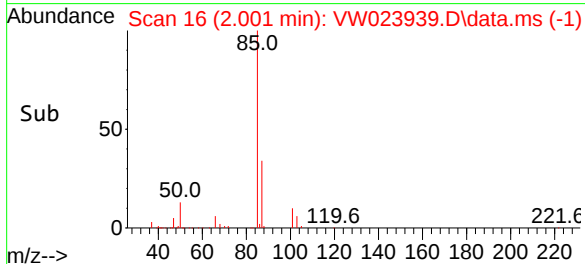
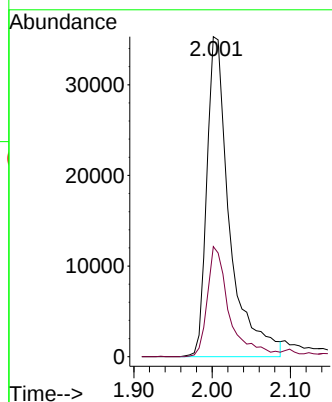
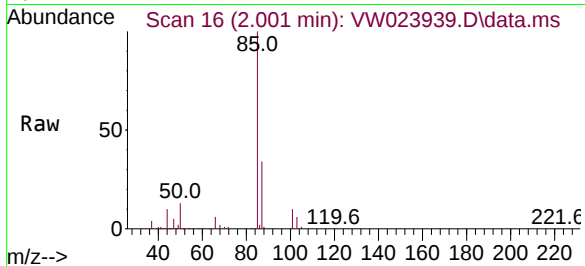




#2
Dichlorodifluoromethane
Concen: 36.968 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

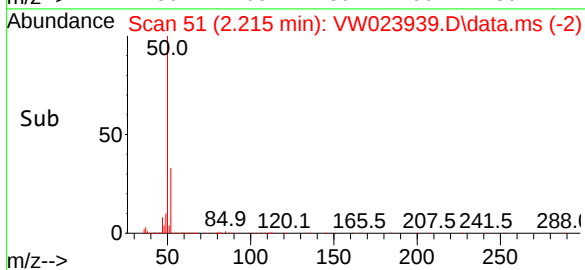
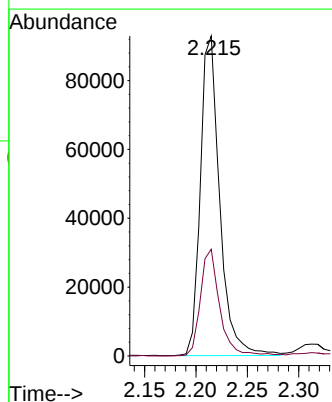
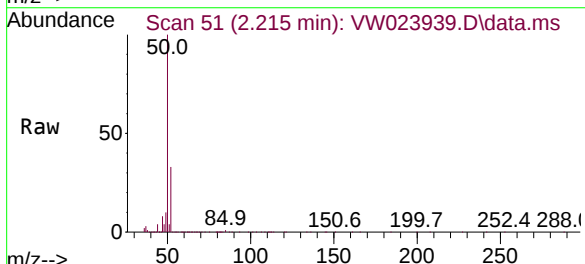
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

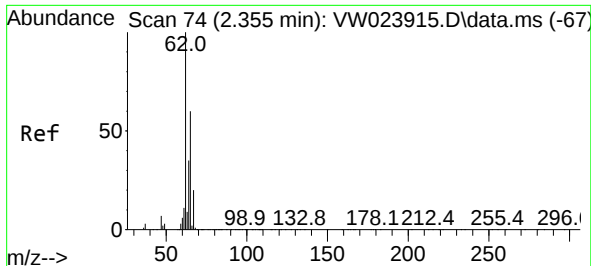
Tgt Ion: 85 Resp: 71381
Ion Ratio Lower Upper
85 100
87 32.8 24.7 37.1



#3
Chloromethane
Concen: 25.777 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion: 50 Resp: 121888
Ion Ratio Lower Upper
50 100
52 33.4 23.7 44.1

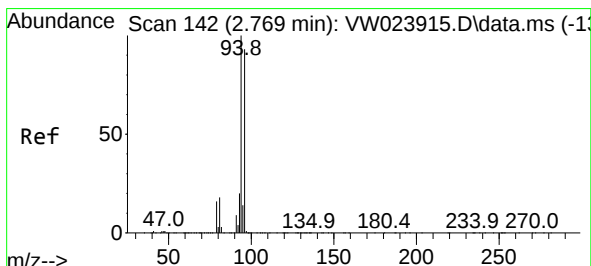
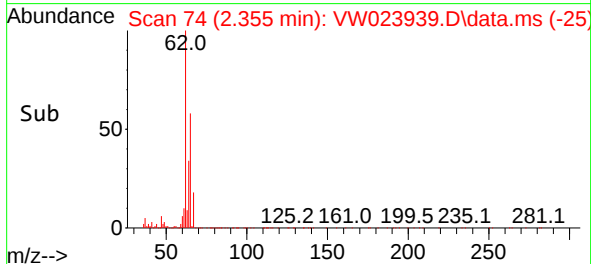
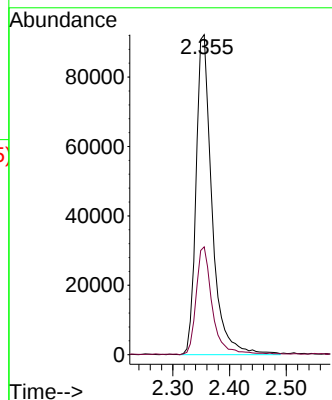
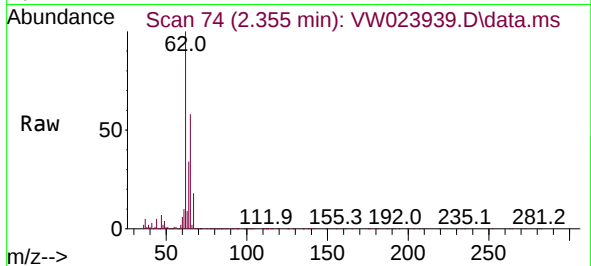




#5
 Vinyl chloride
 Concen: 22.132 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023939.D
 Acq: 20 Jul 2022 15:53

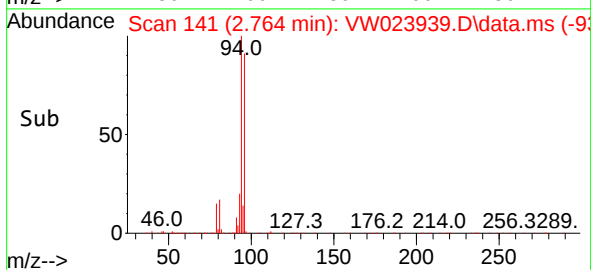
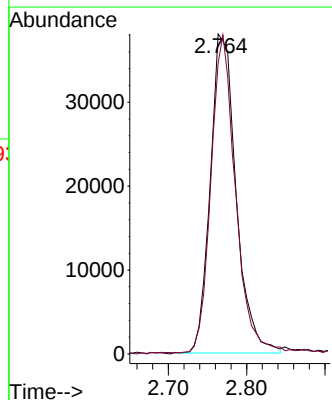
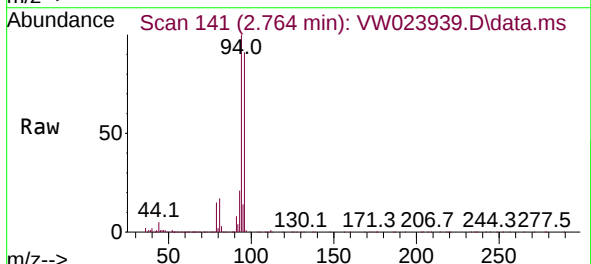
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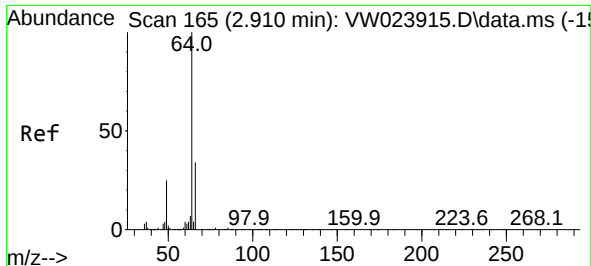
Tgt Ion: 62 Resp: 179709
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.0 44.6



#6
 Bromomethane
 Concen: 16.598 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW023939.D
 Acq: 20 Jul 2022 15:53

Tgt Ion: 94 Resp: 87171
 Ion Ratio Lower Upper
 94 100
 96 90.9 68.2 126.6

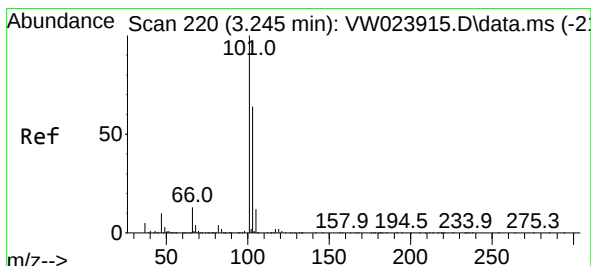
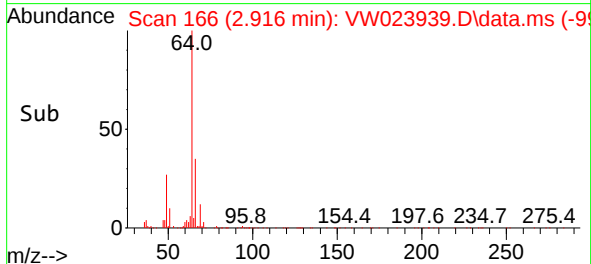
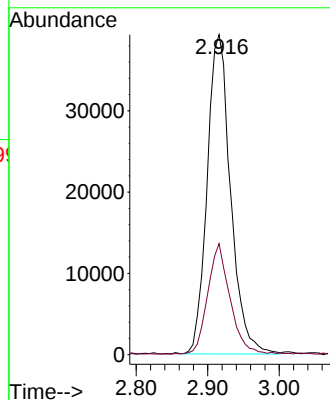
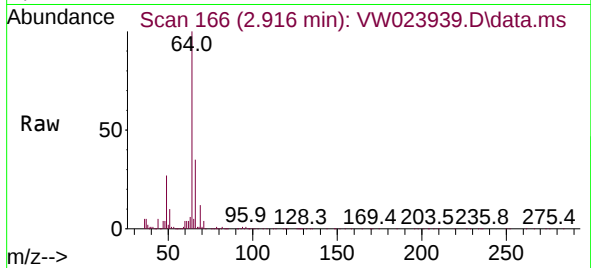




#8
Chloroethane
Concen: 23.541 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

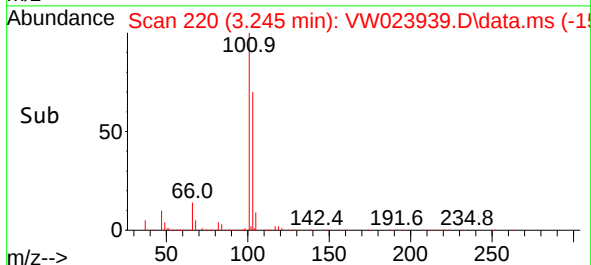
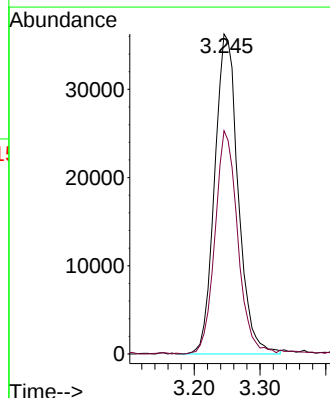
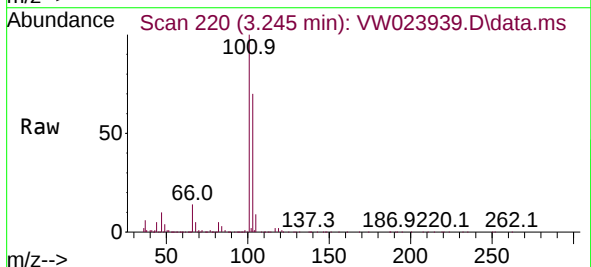
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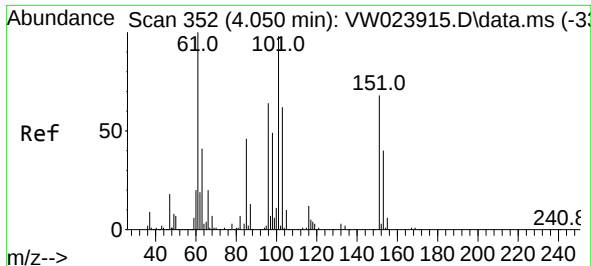
Tgt Ion: 64 Resp: 89427
Ion Ratio Lower Upper
64 100
66 34.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 24.416 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion: 101 Resp: 90116
Ion Ratio Lower Upper
101 100
103 67.6 52.1 78.1

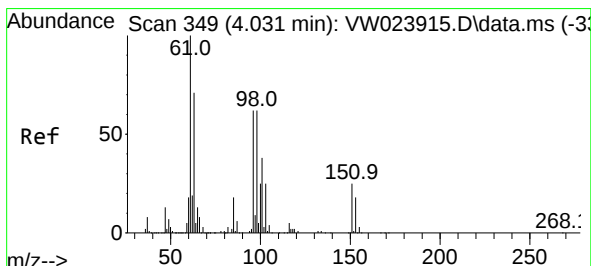
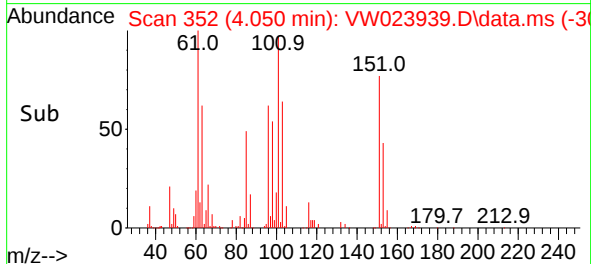
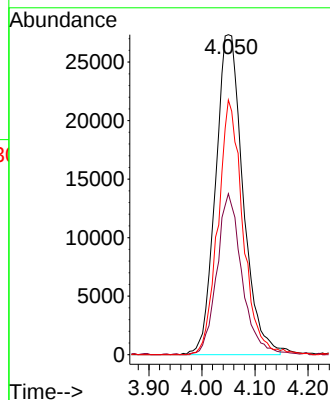
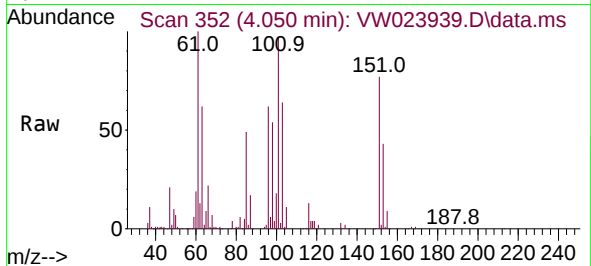




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.212 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW023939.D
 Acq: 20 Jul 2022 15:53

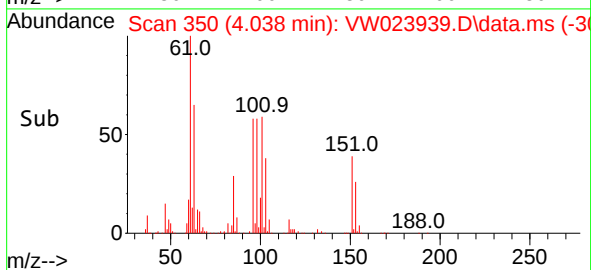
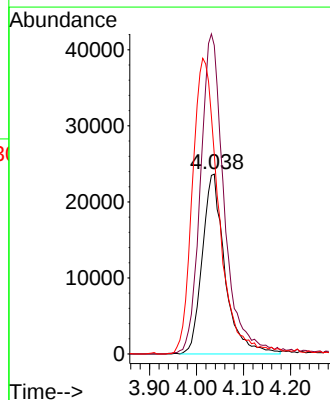
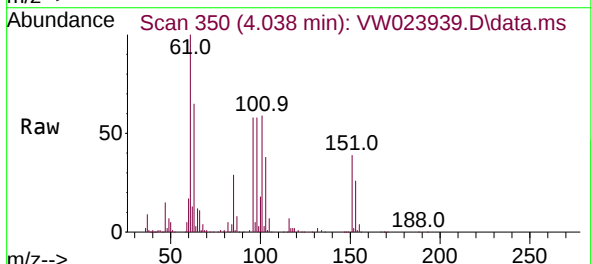
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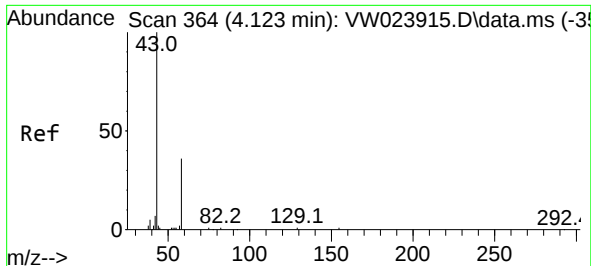
Tgt Ion:	101	Resp:	98293
Ion	Ratio	Lower	Upper
101	100		
85	45.9	37.6	56.4
151	72.0	57.6	86.4



#12
 1,1-Dichloroethene
 Concen: 26.252 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.006 min
 Lab File: VW023939.D
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Tgt Ion:	96	Resp:	79070
Ion	Ratio	Lower	Upper
96	100		
61	171.5	125.4	232.8
63	111.0	97.4	180.8

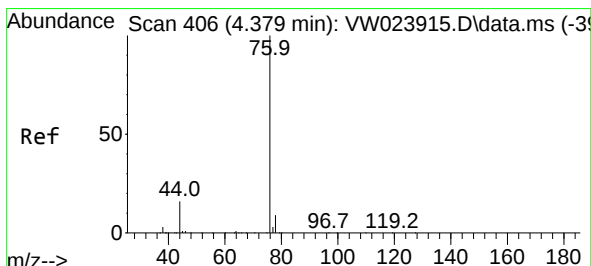
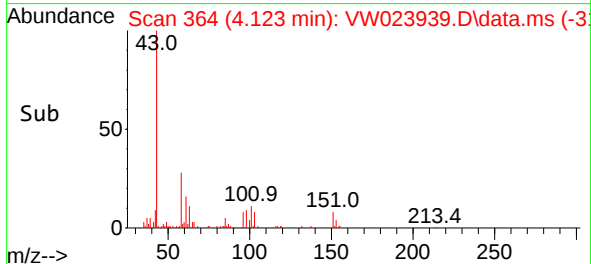
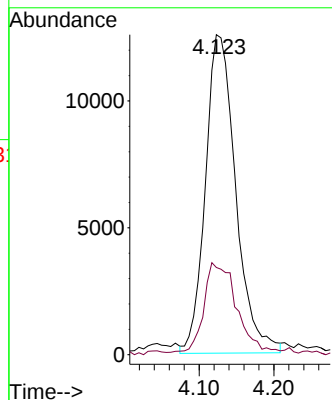
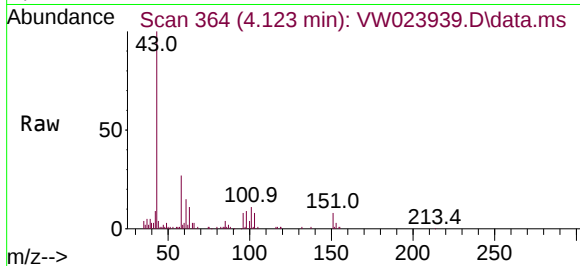




#13
Acetone
Concen: 44.547 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

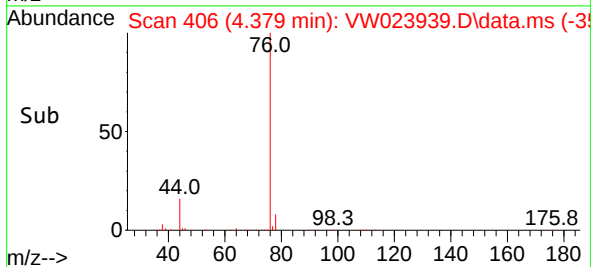
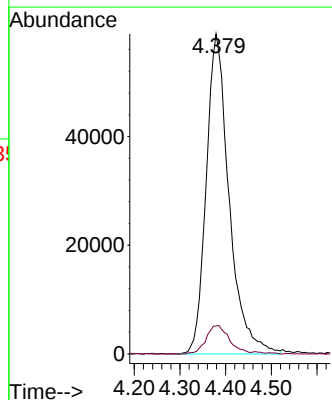
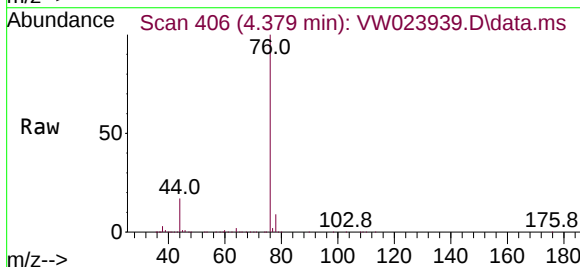
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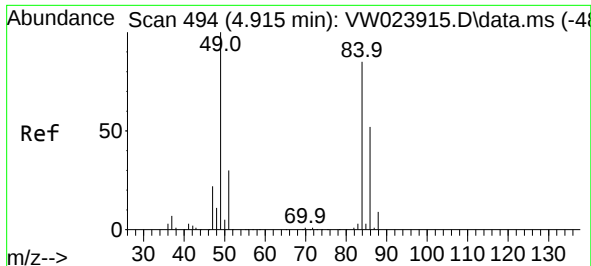
Tgt Ion: 43 Resp: 35453
Ion Ratio Lower Upper
43 100
58 19.7 0.0 64.2



#14
Carbon disulfide
Concen: 23.136 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion: 76 Resp: 204985
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

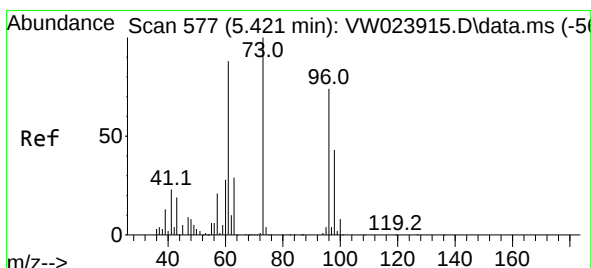
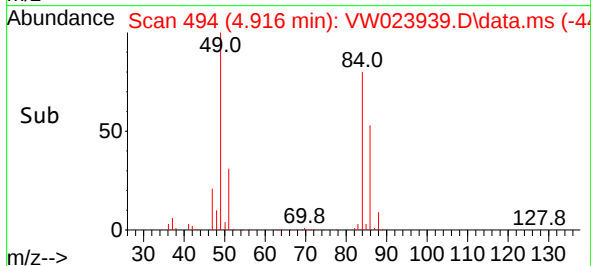
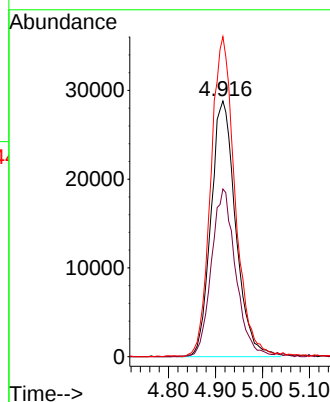
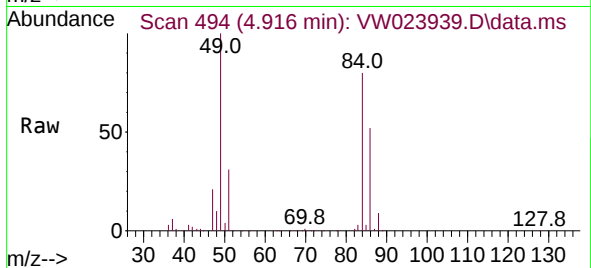




#16
Methylene chloride
Concen: 23.686 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

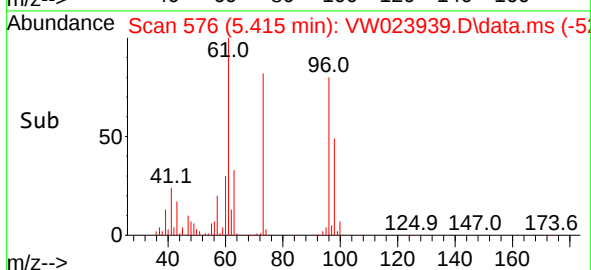
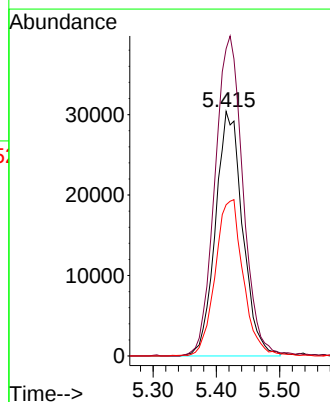
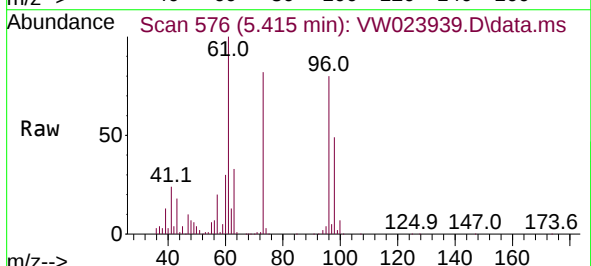
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

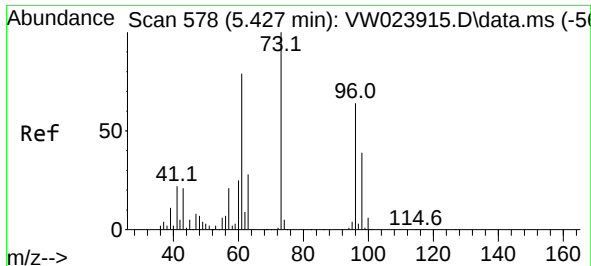
Tgt Ion: 84 Resp: 105240
Ion Ratio Lower Upper
84 100
86 65.6 42.8 79.6
49 125.2 85.4 158.6



#17
trans-1,2-Dichloroethene
Concen: 24.811 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion: 96 Resp: 90671
Ion Ratio Lower Upper
96 100
61 125.7 90.8 168.6
98 61.8 42.8 79.6

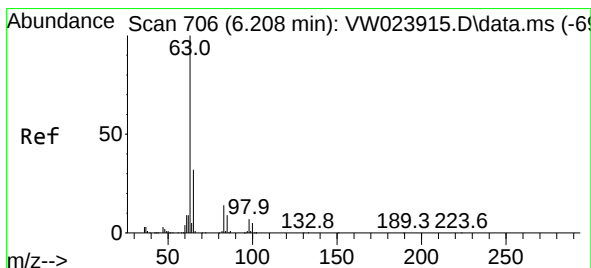
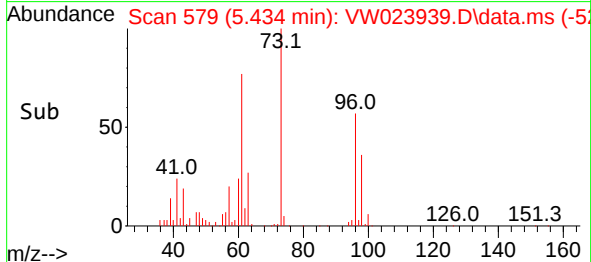
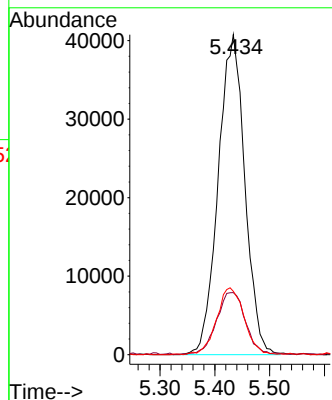
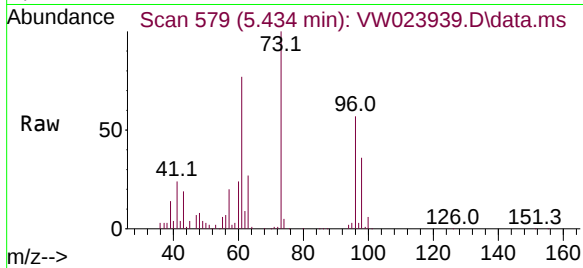




#18
Methyl tert-butyl Ether
Concen: 24.330 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

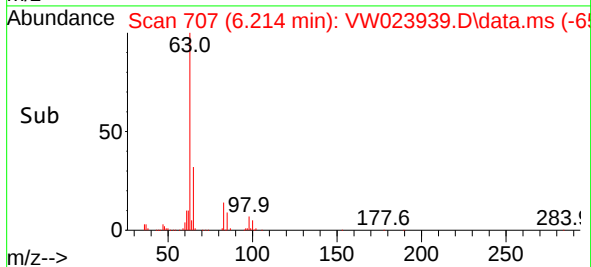
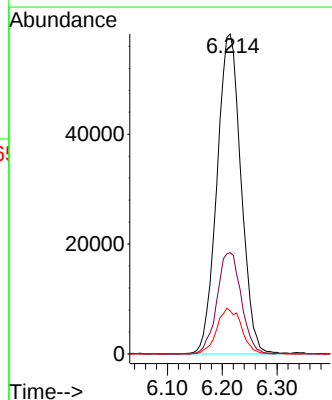
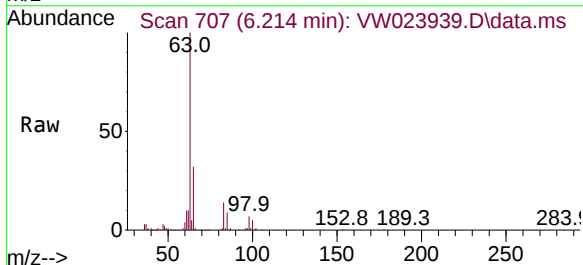
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

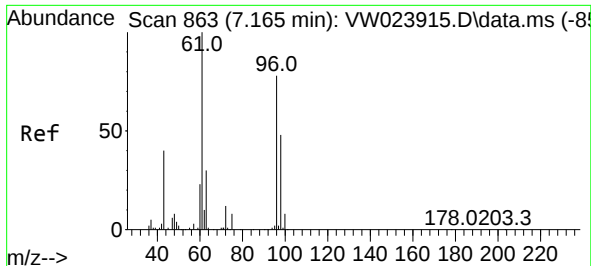
Tgt Ion: 73 Resp: 137552
Ion Ratio Lower Upper
73 100
43 20.6 17.6 26.4
57 21.4 16.8 25.2



#19
1,1-Dichloroethane
Concen: 26.373 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion: 63 Resp: 177777
Ion Ratio Lower Upper
63 100
65 31.7 22.7 42.1
83 13.5 9.7 18.1

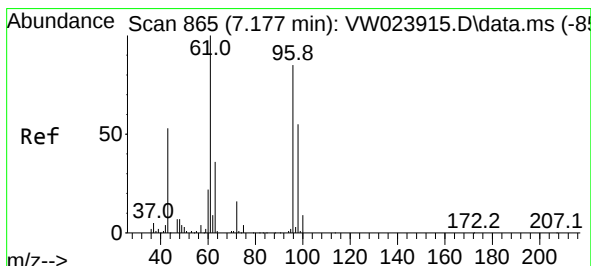
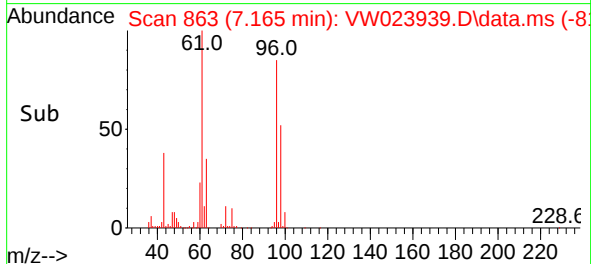
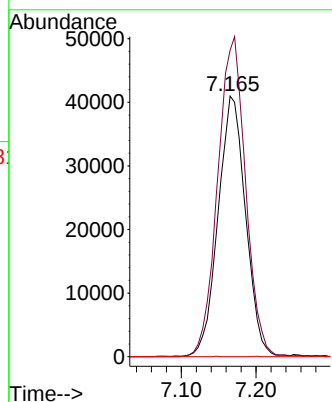
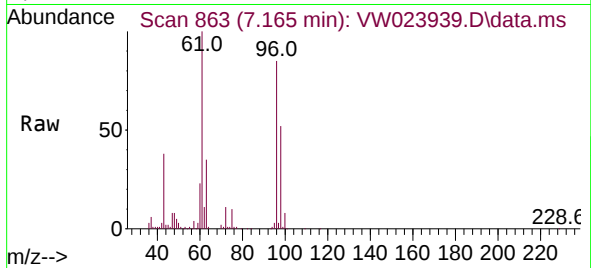




#20
 cis-1,2-Dichloroethene
 Concen: 25.895 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023939.D
 Acq: 20 Jul 2022 15:53

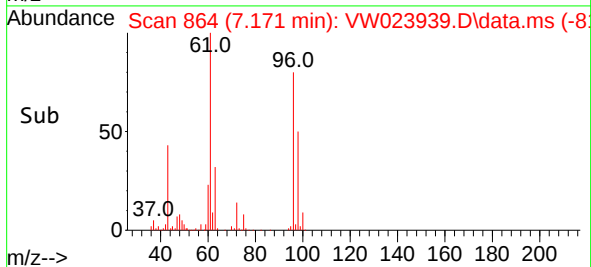
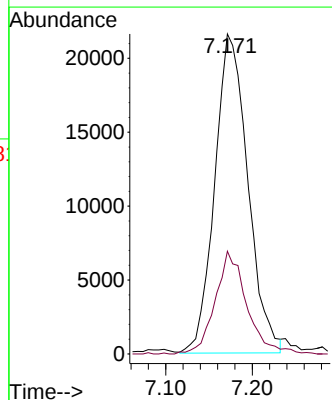
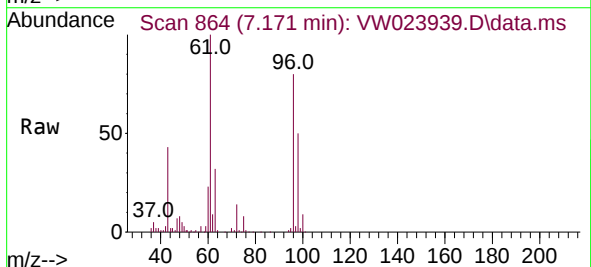
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

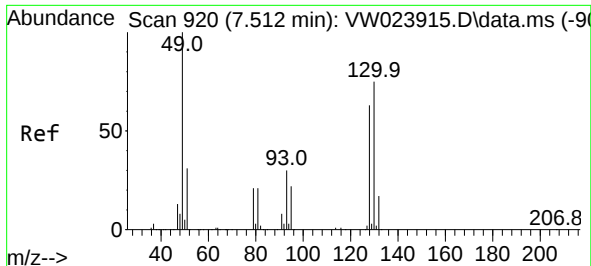
Tgt Ion: 96 Resp: 104838
 Ion Ratio Lower Upper
 96 100
 61 117.6 90.6 168.2
 68 0.0 0.2 0.4#



#22
 2-Butanone
 Concen: 43.787 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.006 min
 Lab File: VW023939.D
 Acq: 20 Jul 2022 15:53

Tgt Ion: 43 Resp: 57269
 Ion Ratio Lower Upper
 43 100
 72 30.1 14.7 44.1

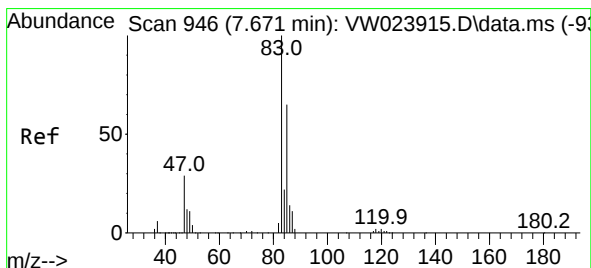
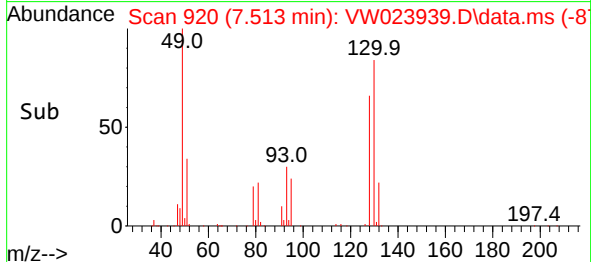
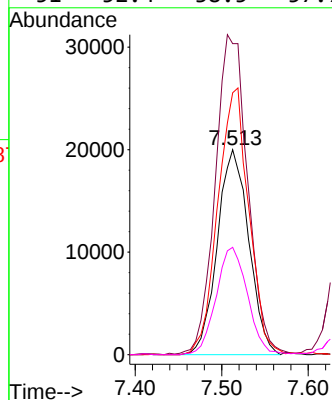
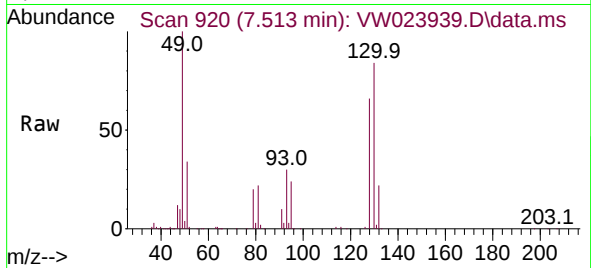




#23
Bromochloromethane
Concen: 25.944 ug/L
RT: 7.513 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

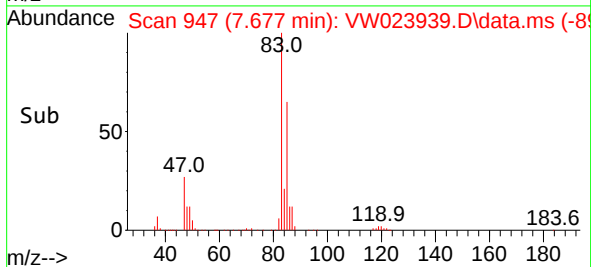
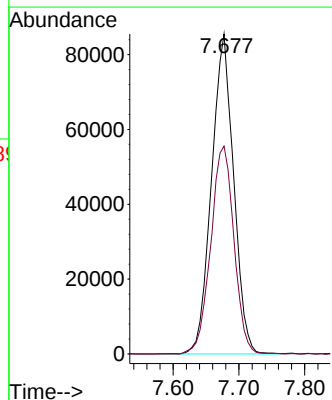
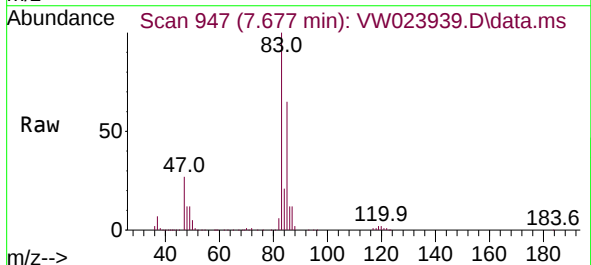
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

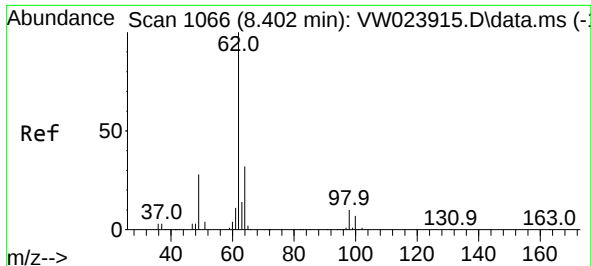
Tgt Ion:	128	Resp:	50458
Ion	Ratio	Lower	Upper
128	100		
49	151.8	106.0	196.8
130	127.8	83.2	154.4
51	52.4	38.5	57.7



#25
Chloroform
Concen: 25.746 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion:	83	Resp:	199940
Ion	Ratio	Lower	Upper
83	100		
85	64.9	41.9	77.9





#27

1,2-Dichloroethane

Concen: 23.111 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

Instrument :

MSVOA_W

ClientSampleId :

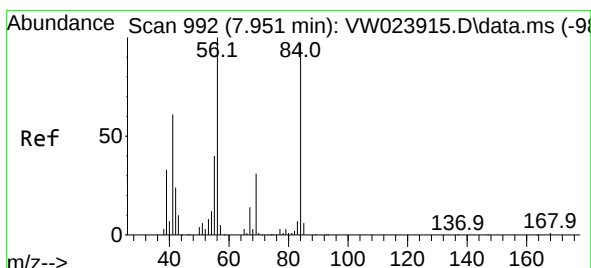
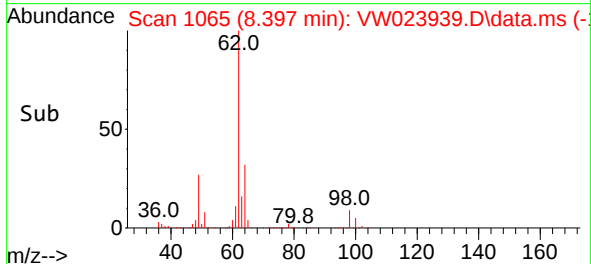
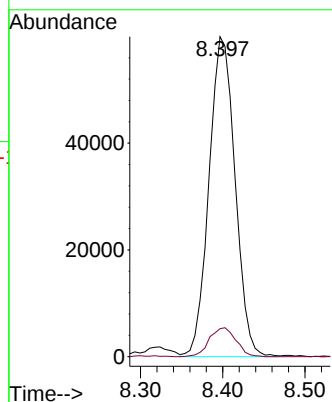
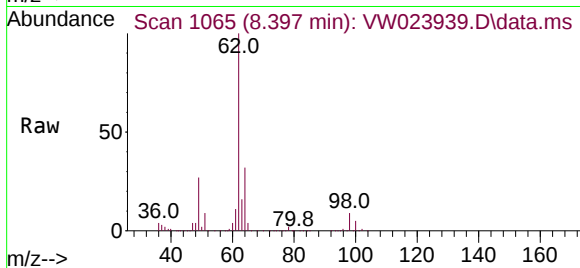
VSTD025498

Tgt Ion: 62 Resp: 132093

Ion Ratio Lower Upper

62 100

98 8.8 7.2 10.8



#29

Cyclohexane

Concen: 26.237 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

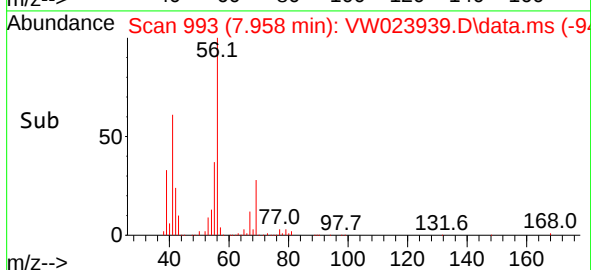
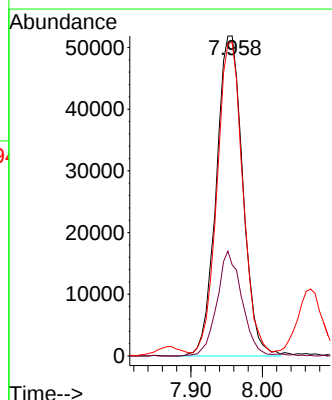
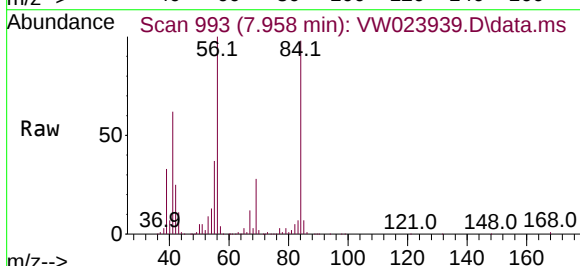
Tgt Ion: 56 Resp: 133743

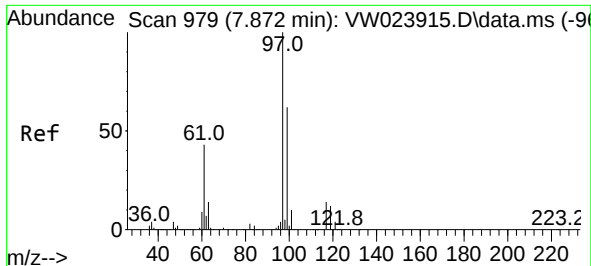
Ion Ratio Lower Upper

56 100

69 30.7 25.4 38.0

84 95.6 75.0 112.4

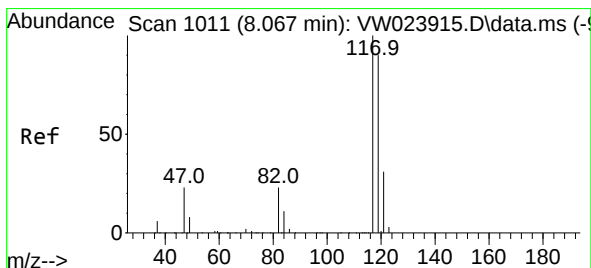
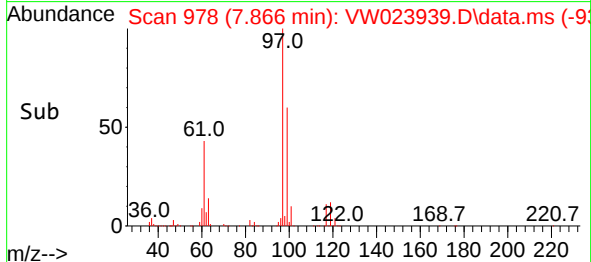
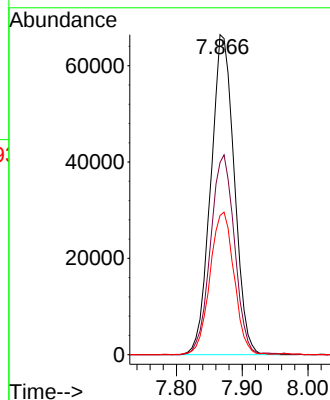
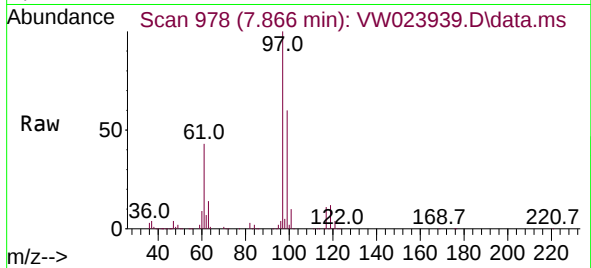




#30
1,1,1-Trichloroethane
Concen: 27.423 ug/L
RT: 7.866 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

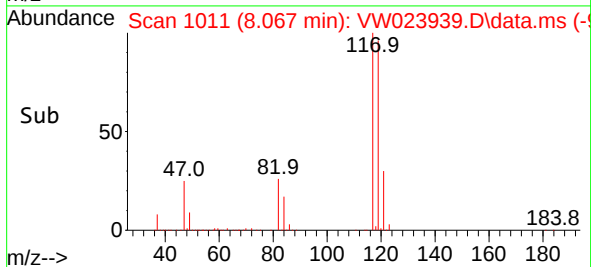
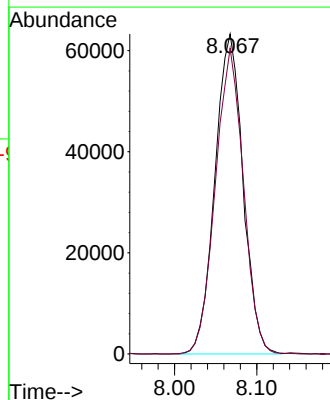
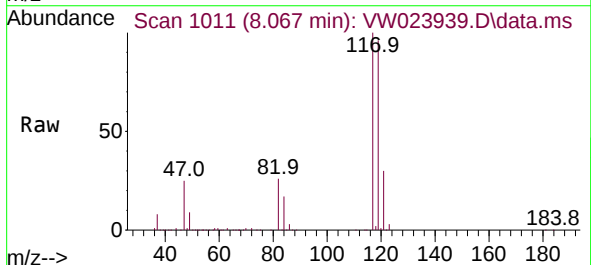
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

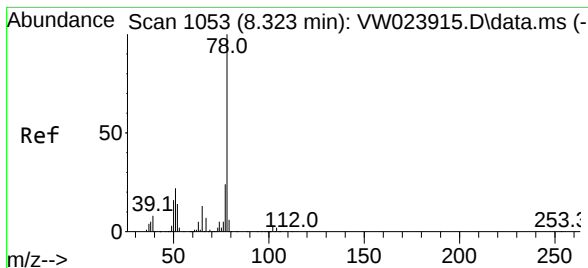
Tgt Ion: 97 Resp: 165493
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 45.6 37.5 56.3



#31
Carbon tetrachloride
Concen: 27.622 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion: 117 Resp: 150265
Ion Ratio Lower Upper
117 100
119 95.4 75.7 113.5





#33

Benzene

Concen: 26.342 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

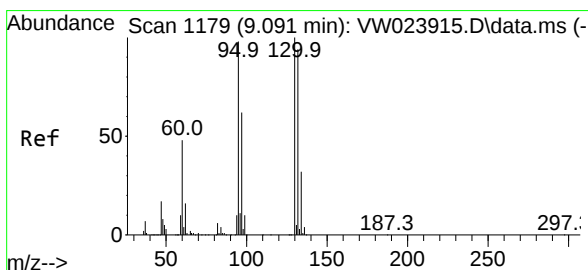
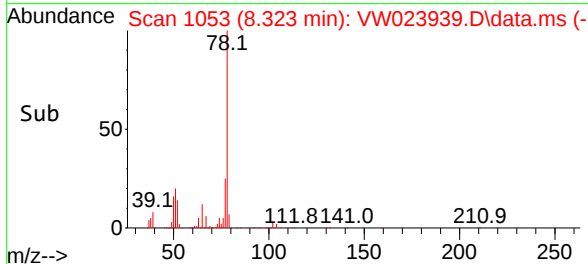
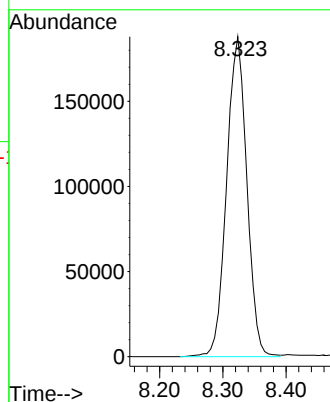
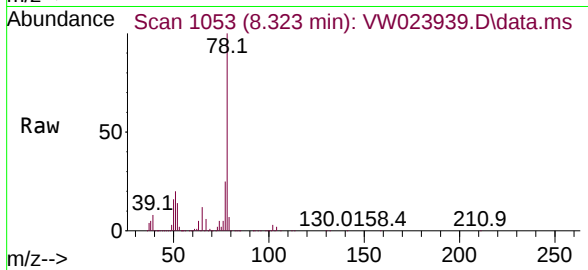
Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

Tgt Ion: 78 Resp: 417218



#34

Trichloroethene

Concen: 25.743 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

Tgt Ion: 95 Resp: 107669

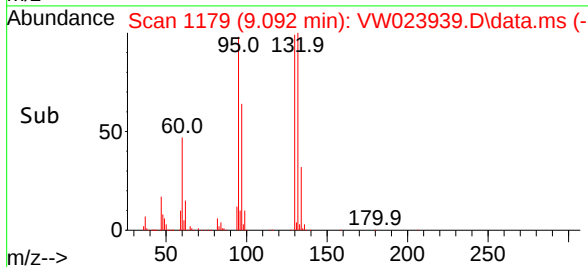
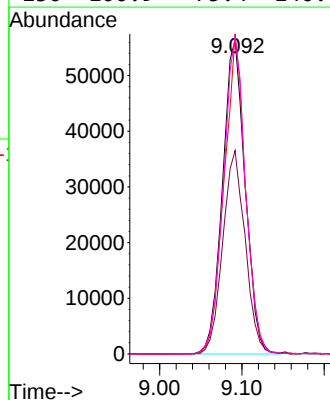
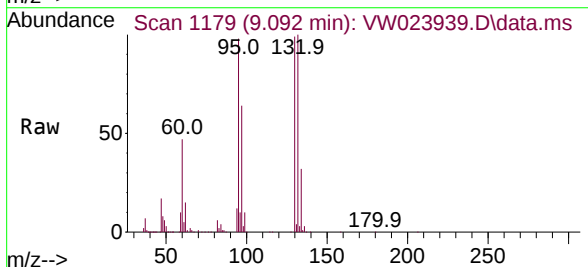
Ion Ratio Lower Upper

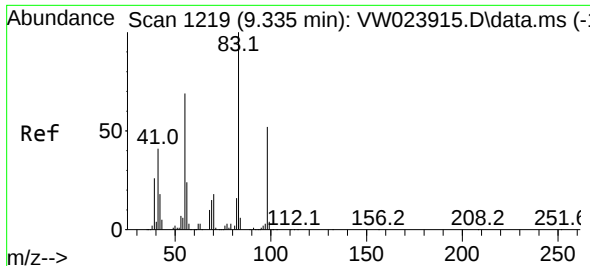
95 100

97 64.7 45.6 84.8

132 101.9 69.9 129.7

130 100.9 75.4 140.0

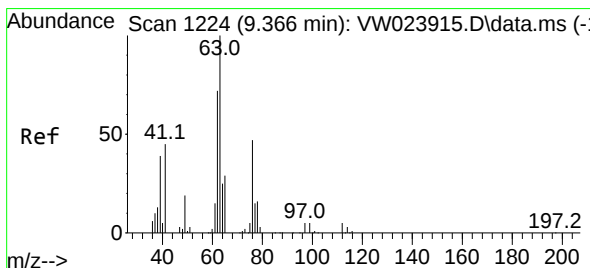
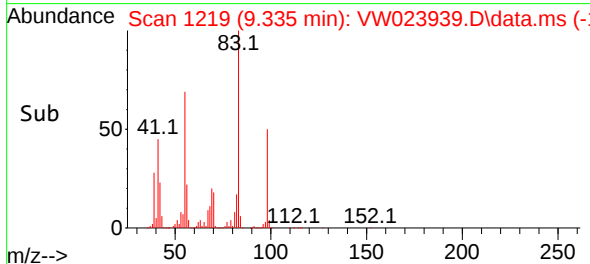
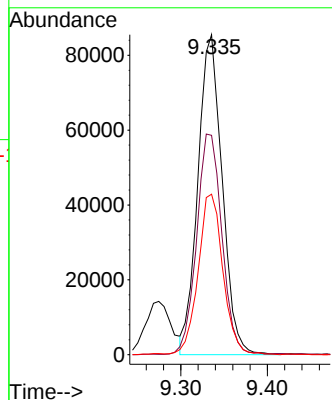
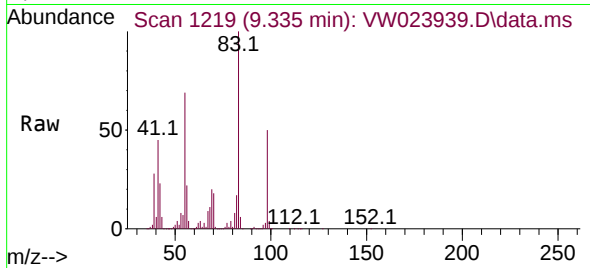




#35
Methylcyclohexane
Concen: 26.193 ug/L
RT: 9.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

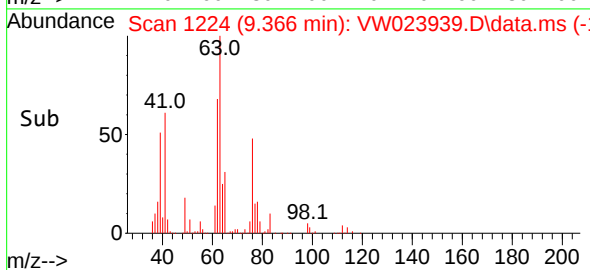
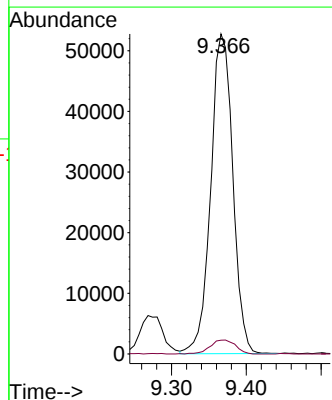
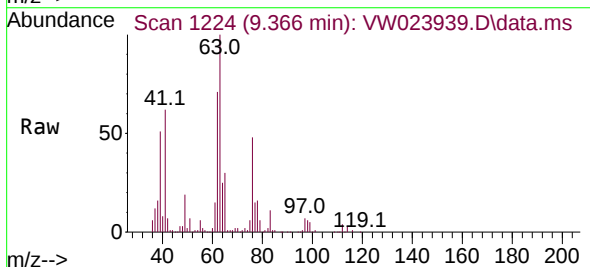
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

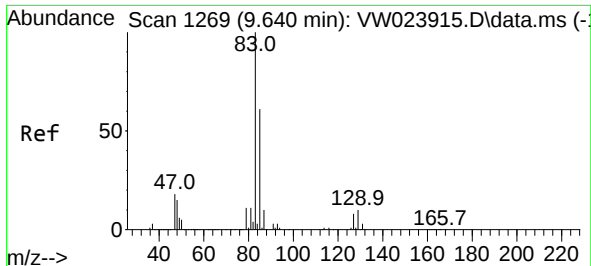
Tgt Ion: 83 Resp: 166818
Ion Ratio Lower Upper
83 100
55 71.7 60.8 91.2
98 51.2 39.5 59.3



#37
1,2-Dichloropropane
Concen: 27.259 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion: 63 Resp: 108243
Ion Ratio Lower Upper
63 100
112 5.0 4.2 6.2

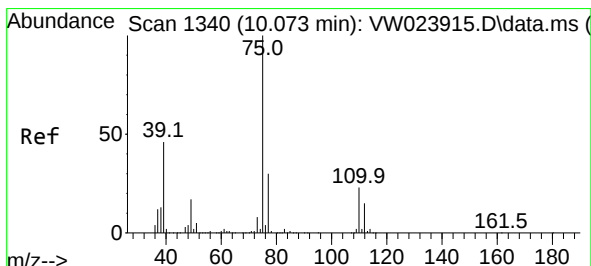
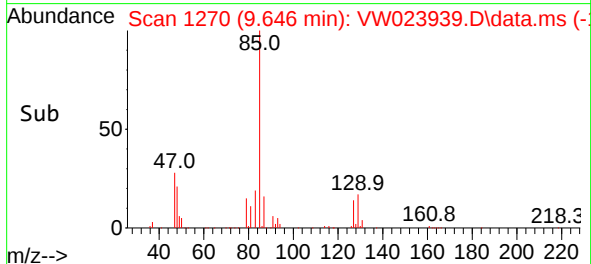
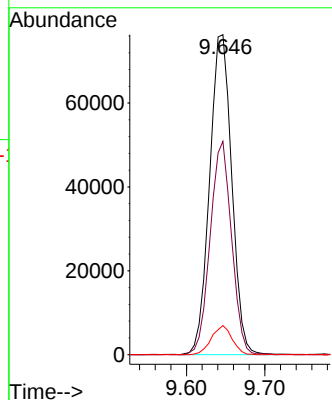
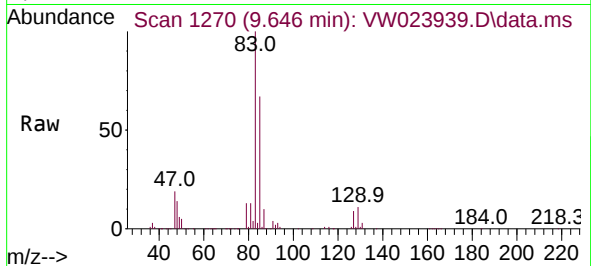




#38
Bromodichloromethane
Concen: 27.067 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

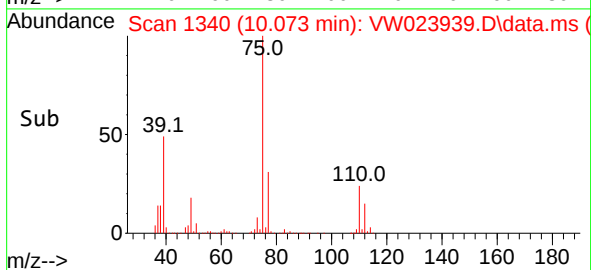
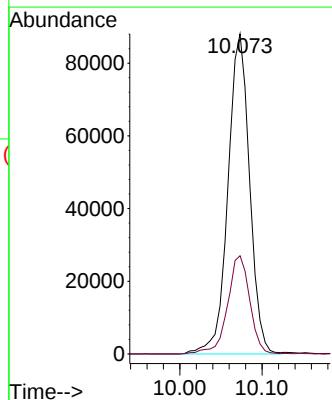
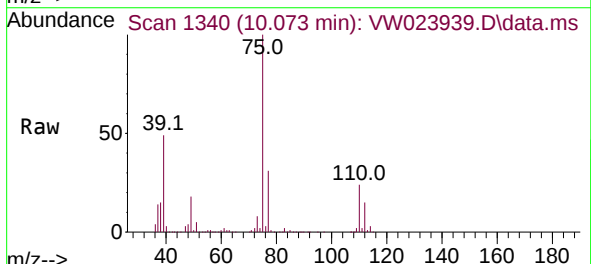
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

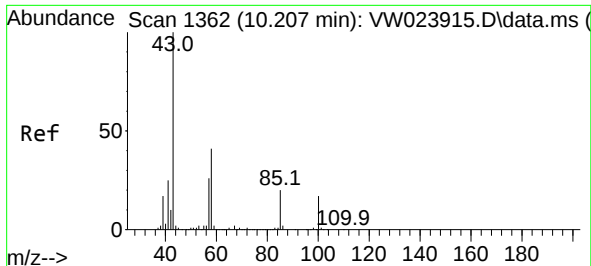
Tgt Ion: 83 Resp: 150008
Ion Ratio Lower Upper
83 100
85 66.7 45.5 84.5
127 9.1 6.0 9.0#



#39
cis-1,3-Dichloropropene
Concen: 26.932 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion: 75 Resp: 161187
Ion Ratio Lower Upper
75 100
77 30.7 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 49.368 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

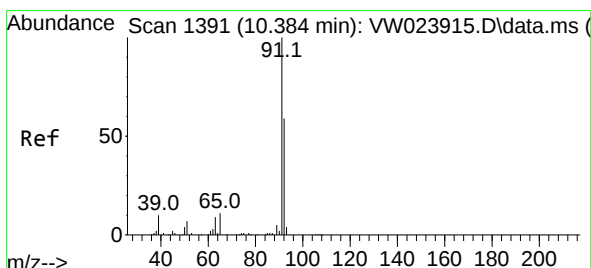
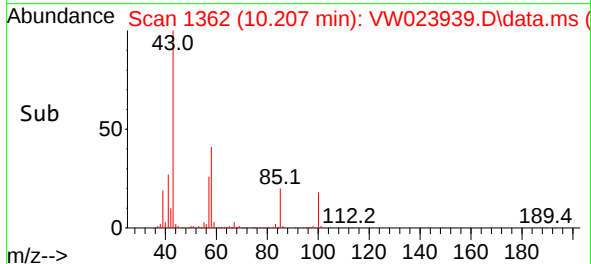
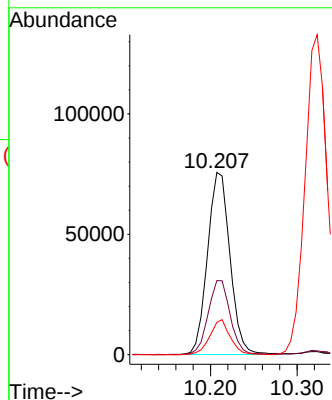
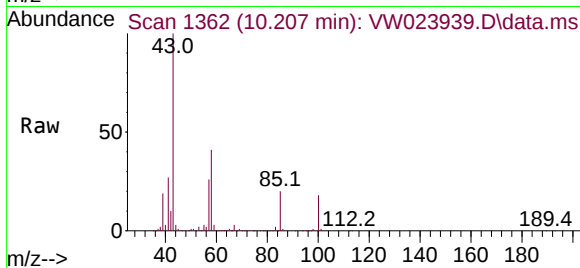
Tgt Ion: 43 Resp: 136414

Ion Ratio Lower Upper

43 100

58 40.2 29.8 44.8

100 17.5 13.0 19.4



#42

Toluene

Concen: 26.599 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023939.D

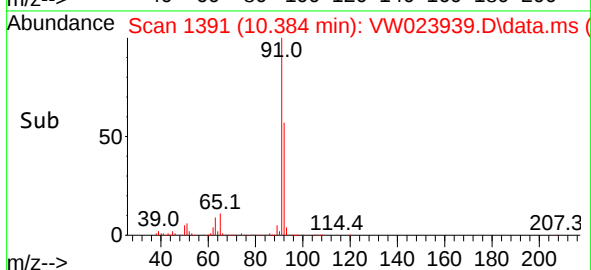
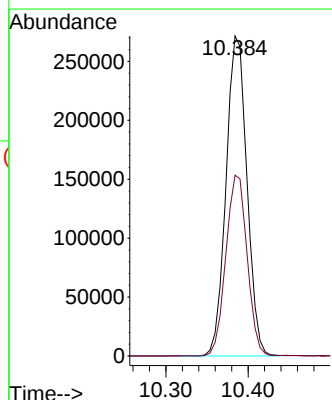
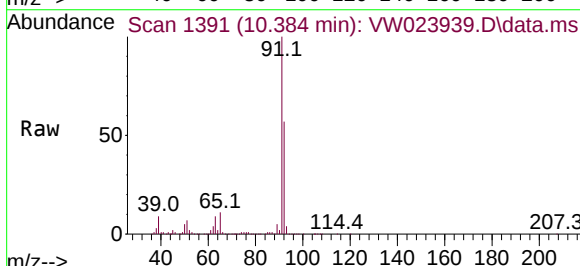
Acq: 20 Jul 2022 15:53

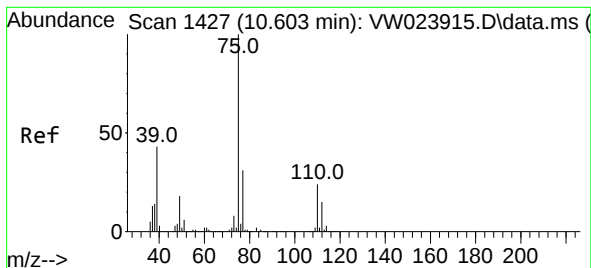
Tgt Ion: 91 Resp: 480463

Ion Ratio Lower Upper

91 100

92 56.5 39.9 74.1





#44

trans-1,3-Dichloropropene

Concen: 26.288 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

Instrument :

MSVOA_W

ClientSampleId :

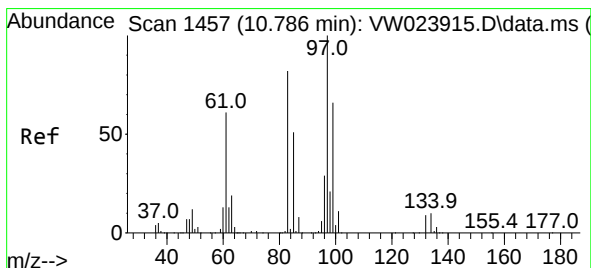
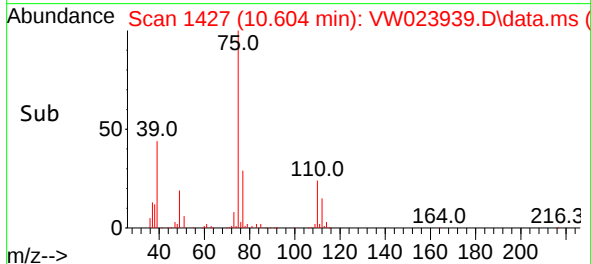
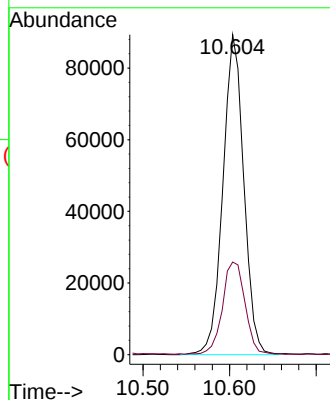
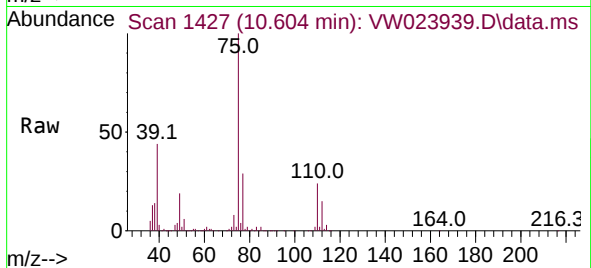
VSTD025498

Tgt Ion: 75 Resp: 149541

Ion Ratio Lower Upper

75 100

77 29.0 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 25.666 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

Tgt Ion: 97 Resp: 89115

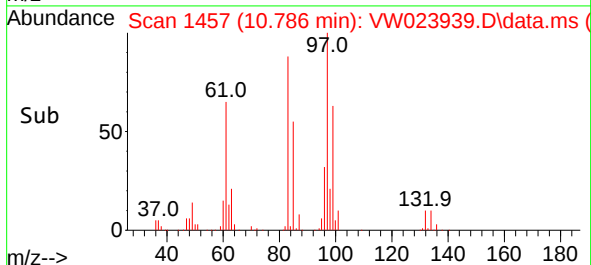
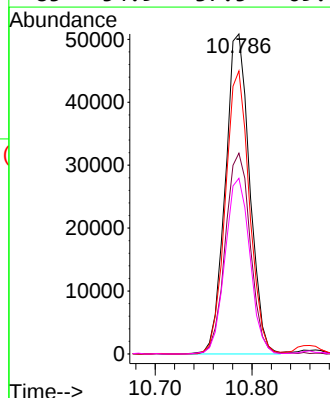
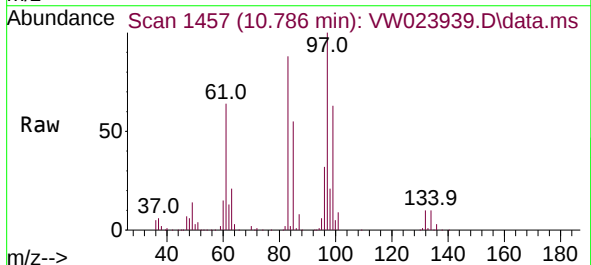
Ion Ratio Lower Upper

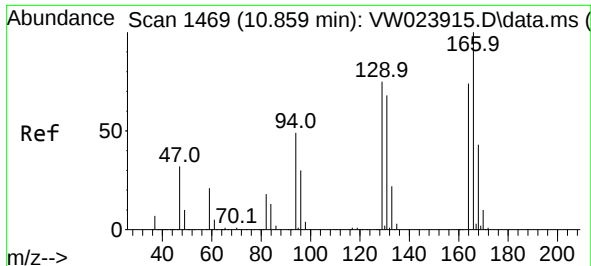
97 100

99 62.7 44.2 82.2

83 88.5 59.8 111.0

85 54.9 37.5 69.6

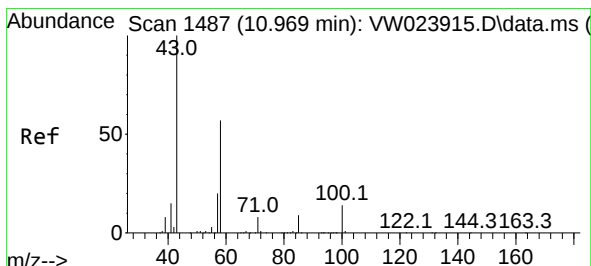
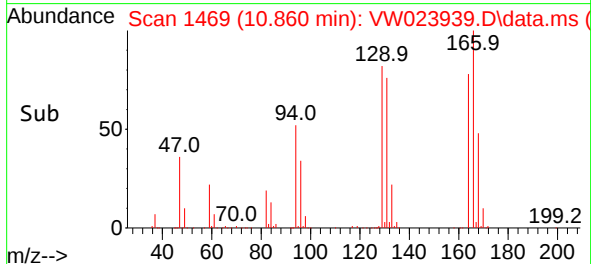
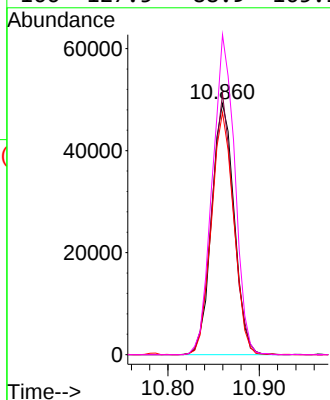
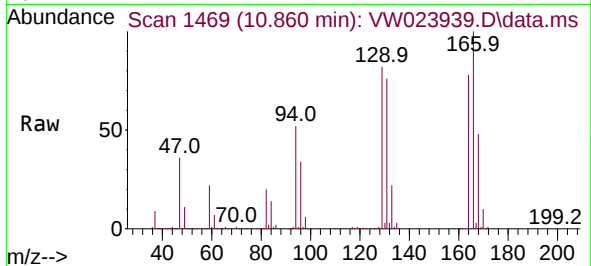




#46
Tetrachloroethene
Concen: 26.094 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

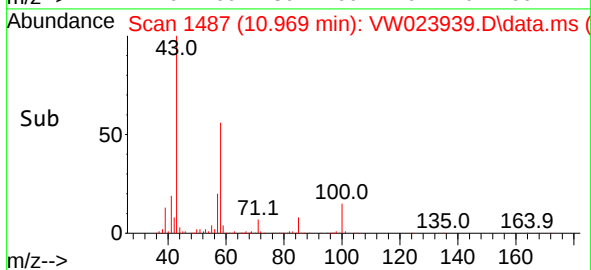
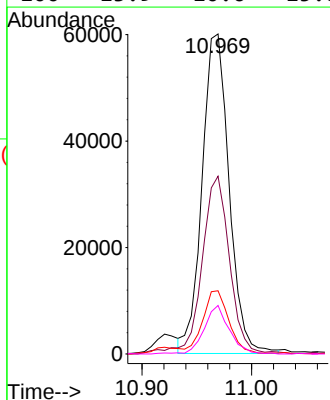
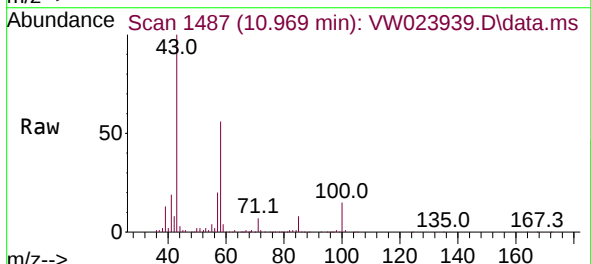
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

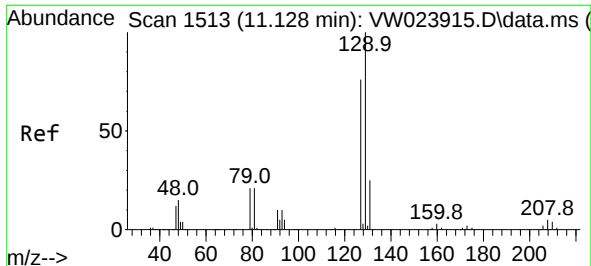
Tgt Ion:164	Resp:	84390
Ion Ratio	Lower	Upper
164	100	
129	104.0	72.4 134.5
131	96.5	67.8 125.8
166	127.5	88.9 165.1



#48
2-Hexanone
Concen: 51.180 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion: 43	Resp:	102964
Ion Ratio	Lower	Upper
43	100	
58	55.7	41.6 62.4
57	19.1	14.6 21.8
100	13.9	10.6 15.8





#49

Dibromochloromethane

Concen: 26.630 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

Instrument :

MSVOA_W

ClientSampleId :

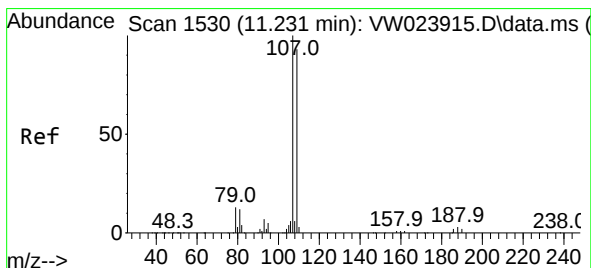
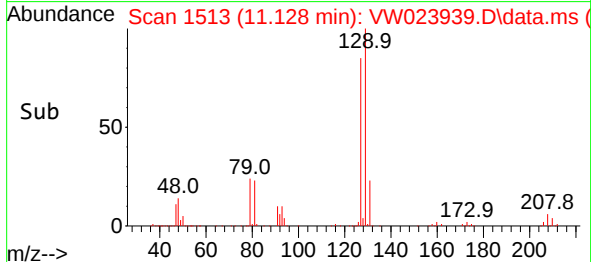
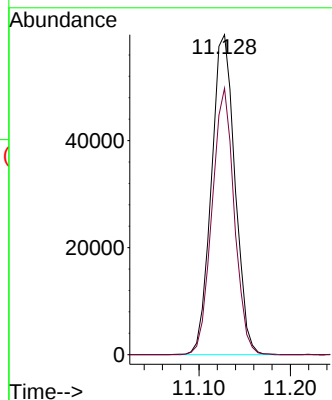
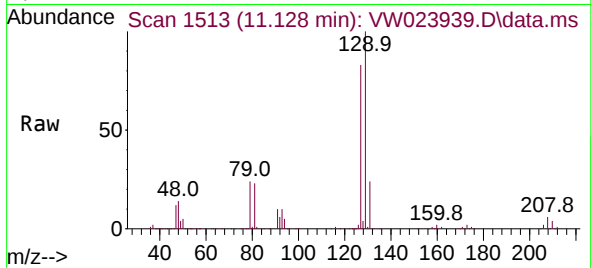
VSTD025498

Tgt Ion:129 Resp: 107227

Ion Ratio Lower Upper

129 100

127 83.2 53.7 99.7



#50

1,2-Dibromoethane

Concen: 25.468 ug/L

RT: 11.238 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

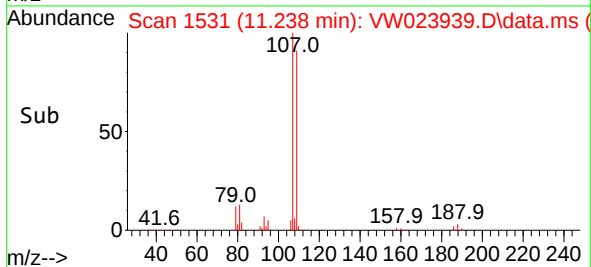
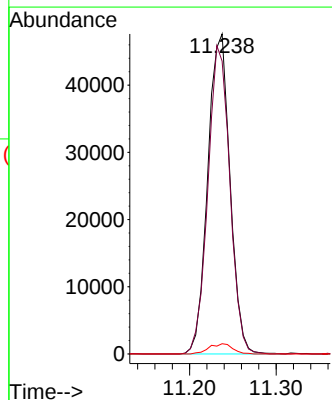
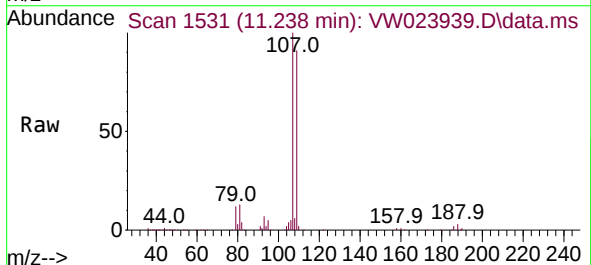
Tgt Ion:107 Resp: 84955

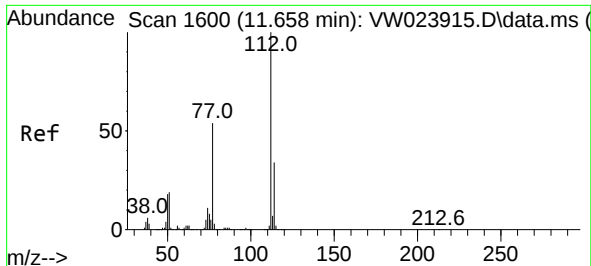
Ion Ratio Lower Upper

107 100

109 91.5 62.4 116.0

188 3.2 2.3 3.5

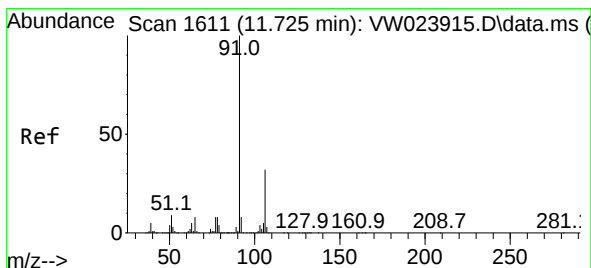
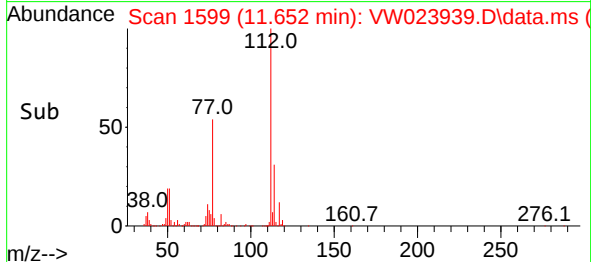
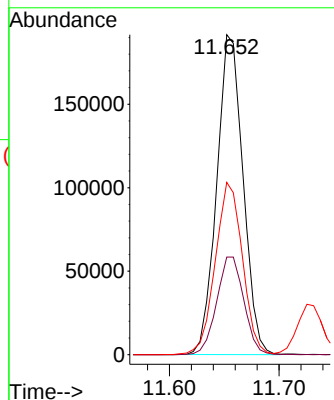
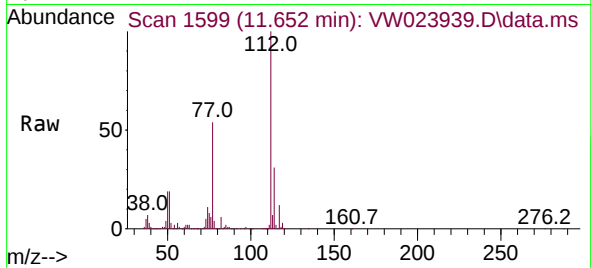




#51
Chlorobenzene
Concen: 26.245 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

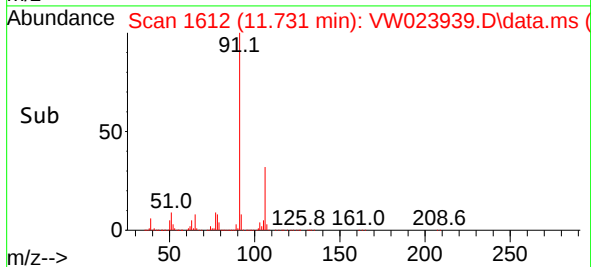
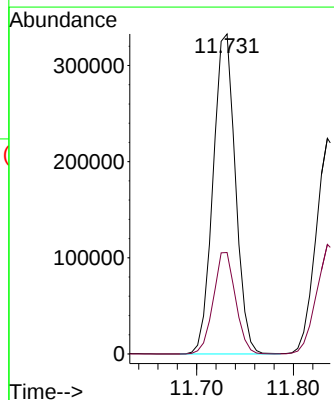
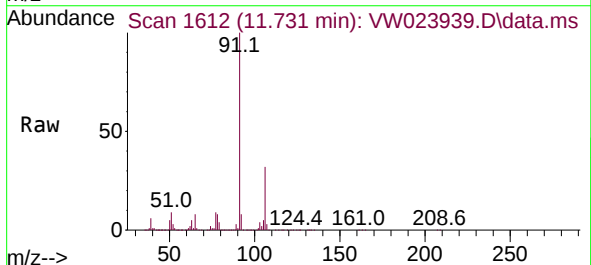
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

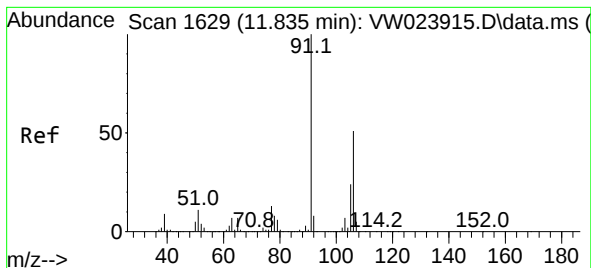
Tgt Ion:112 Resp: 319734
Ion Ratio Lower Upper
112 100
114 30.5 21.1 39.3
77 53.9 46.6 69.8



#52
Ethylbenzene
Concen: 26.023 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion: 91 Resp: 534161
Ion Ratio Lower Upper
91 100
106 31.7 22.5 41.9

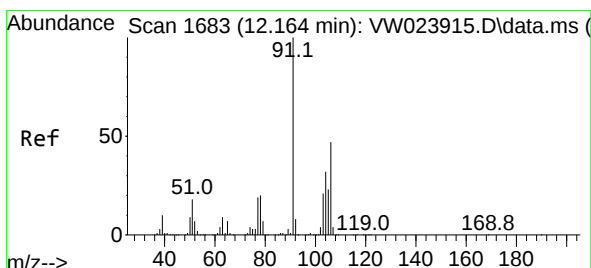
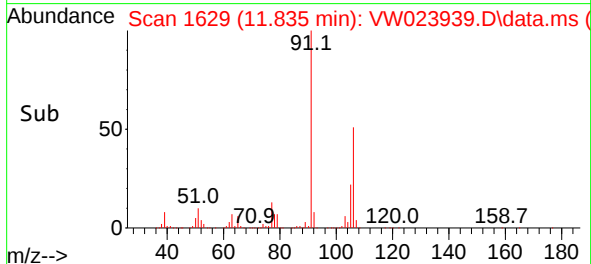
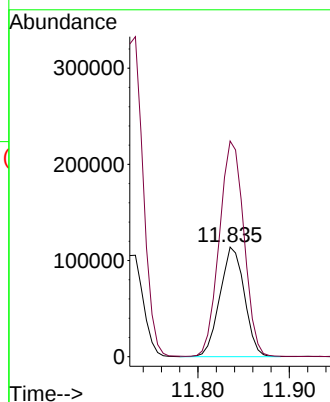
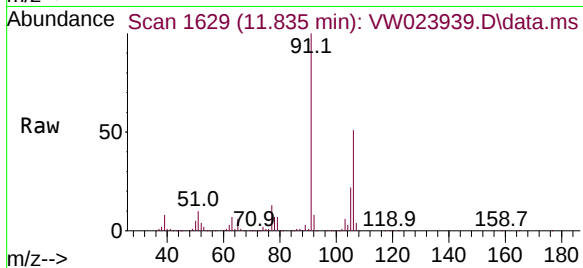




#53
m,p-Xylene
Concen: 26.533 ug/L
RT: 11.835 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

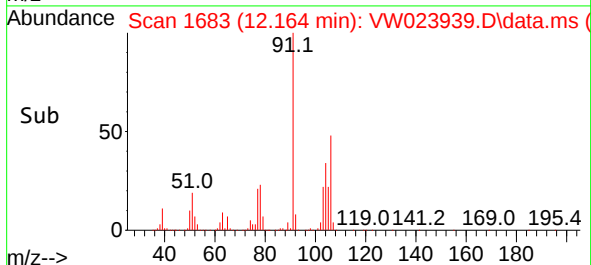
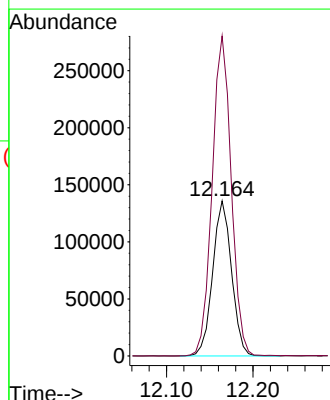
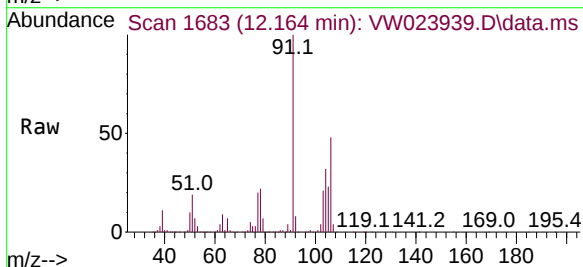
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

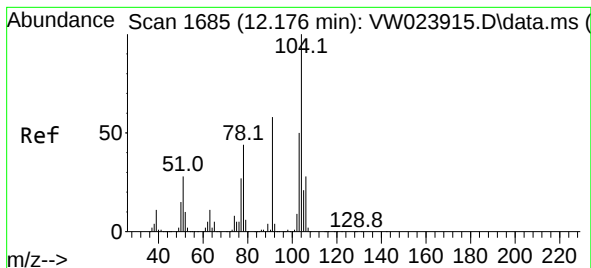
Tgt Ion:106 Resp: 212496
Ion Ratio Lower Upper
106 100
91 196.9 142.8 265.2



#54
o-Xylene
Concen: 26.759 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion:106 Resp: 205809
Ion Ratio Lower Upper
106 100
91 206.4 149.6 277.8





#55

Styrene

Concen: 26.651 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

Instrument :

MSVOA_W

ClientSampleId :

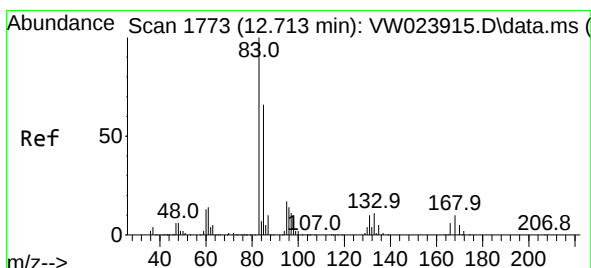
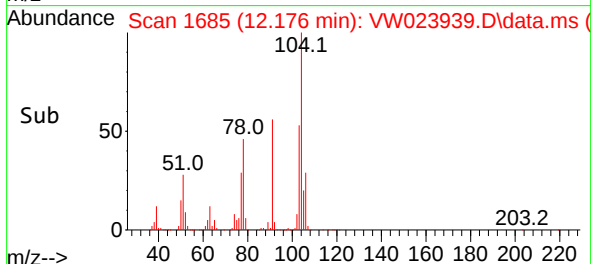
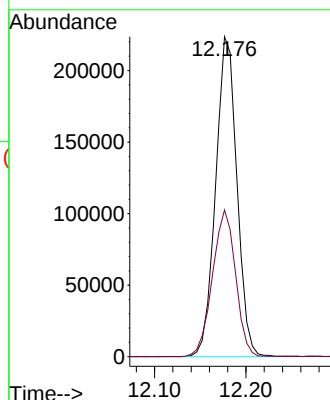
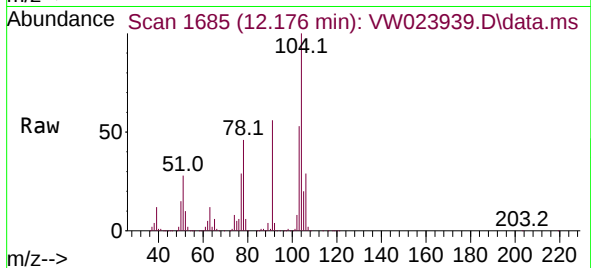
VSTD025498

Tgt Ion:104 Resp: 362123

Ion Ratio Lower Upper

104 100

78 45.9 34.3 63.7



#57

1,1,2,2-Tetrachloroethane

Concen: 24.947 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

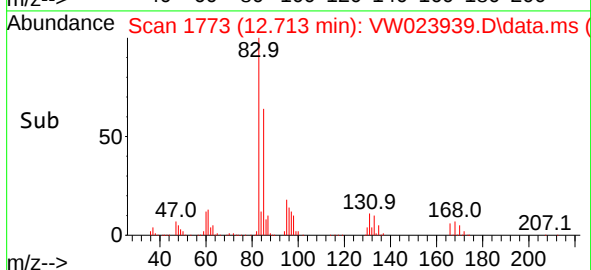
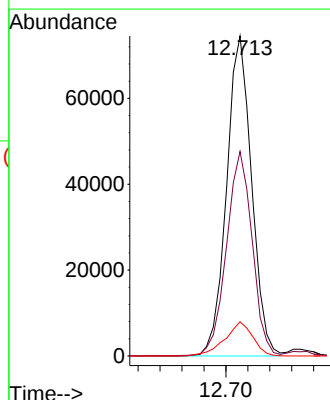
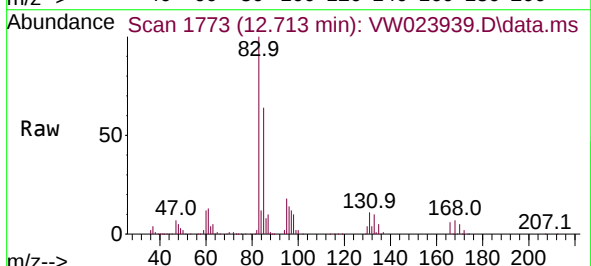
Tgt Ion: 83 Resp: 118146

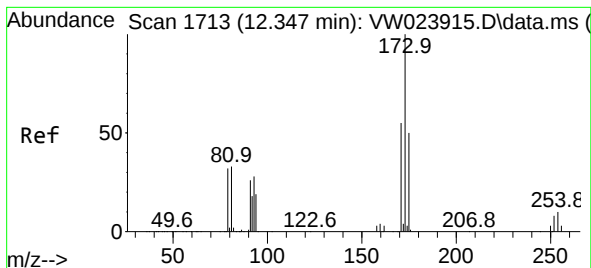
Ion Ratio Lower Upper

83 100

85 63.9 46.5 86.3

131 10.7 7.4 11.0





#59

Bromoform

Concen: 25.830 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

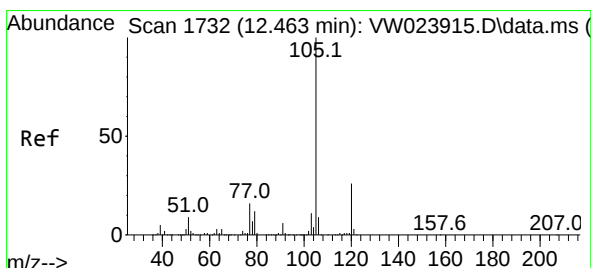
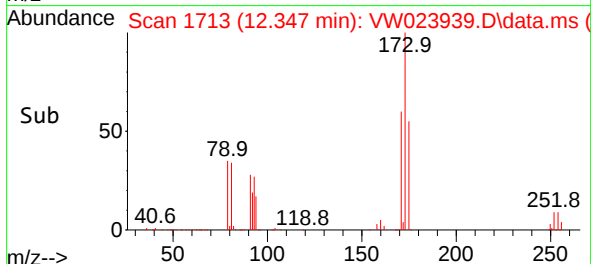
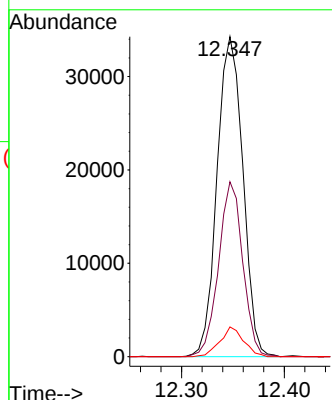
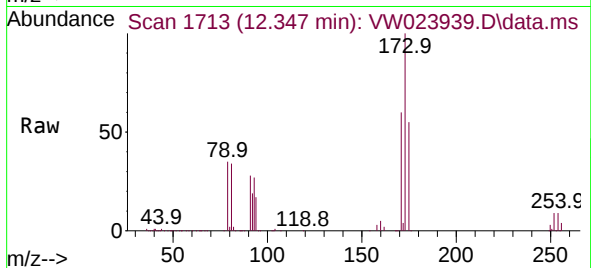
Tgt Ion:173 Resp: 59826

Ion Ratio Lower Upper

173 100

175 51.2 38.9 58.3

254 8.5 5.9 8.9



#60

Isopropylbenzene

Concen: 26.843 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

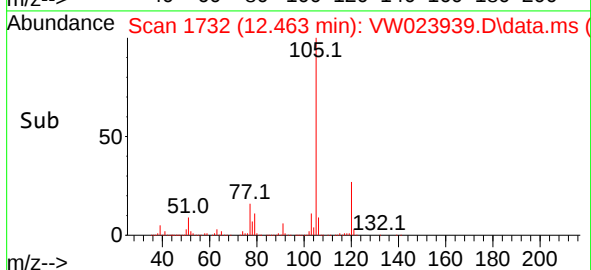
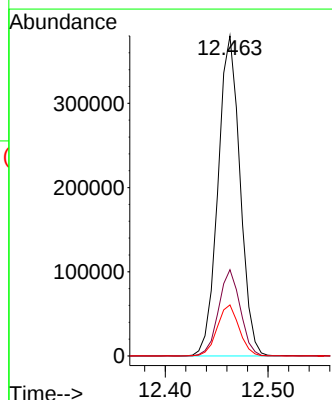
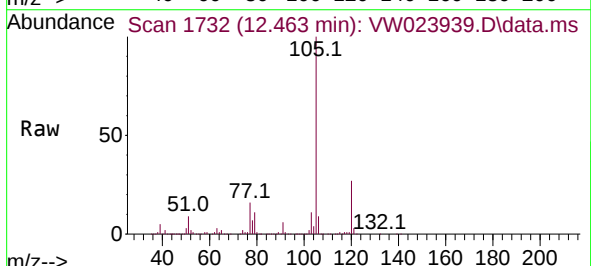
Tgt Ion:105 Resp: 566389

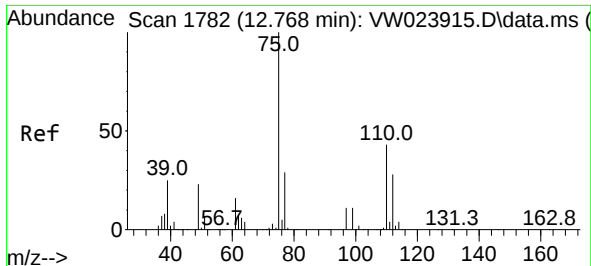
Ion Ratio Lower Upper

105 100

120 26.4 20.7 31.1

77 15.9 13.2 19.8

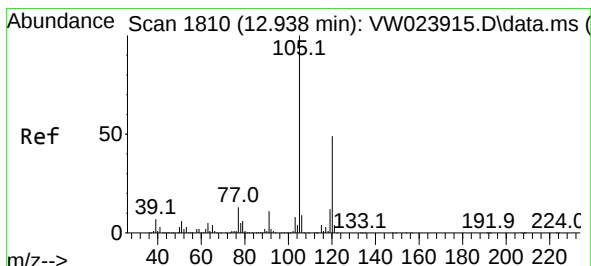
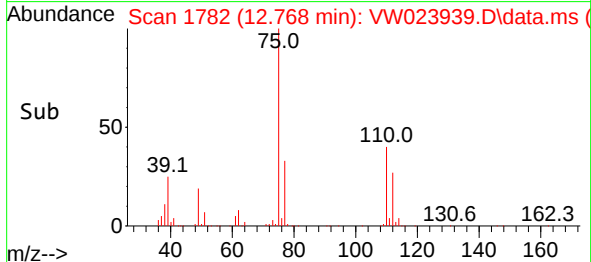
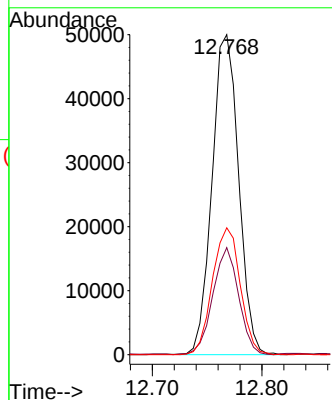
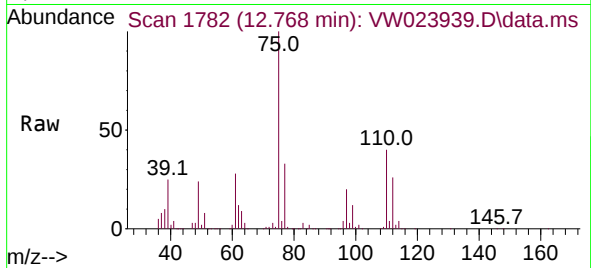




#61
 1,2,3-Trichloropropane
 Concen: 24.453 ug/L
 RT: 12.768 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023939.D
 Acq: 20 Jul 2022 15:53

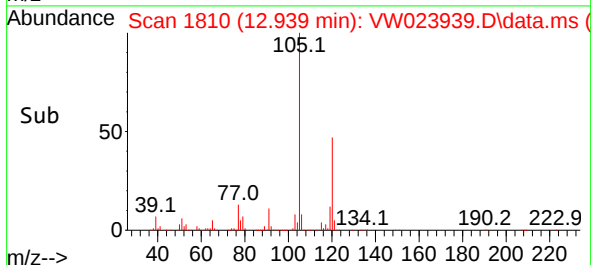
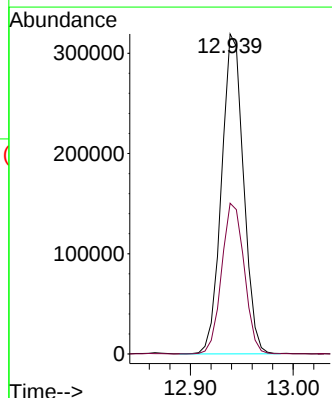
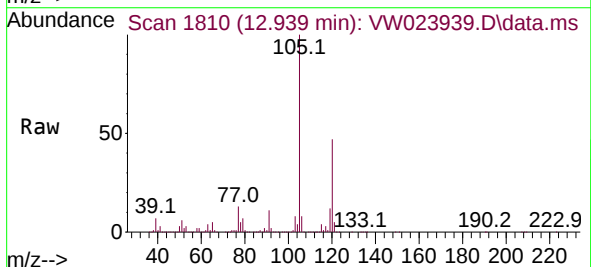
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

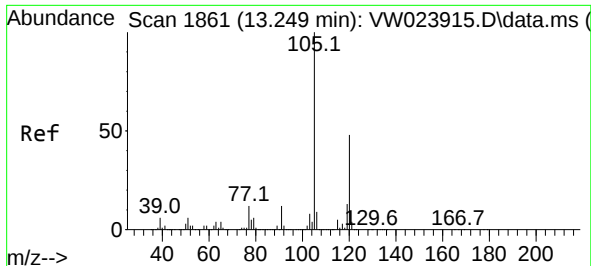
Tgt Ion: 75 Resp: 84222
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.0 37.4
 110 41.4 31.9 47.9



#62
 1,3,5-Trimethylbenzene
 Concen: 27.403 ug/L
 RT: 12.939 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW023939.D
 Acq: 20 Jul 2022 15:53

Tgt Ion: 105 Resp: 473372
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.7 58.1





#63

1,2,4-Trimethylbenzene

Concen: 27.007 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

Instrument :

MSVOA_W

ClientSampleId :

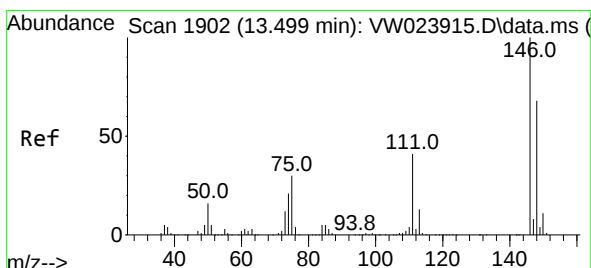
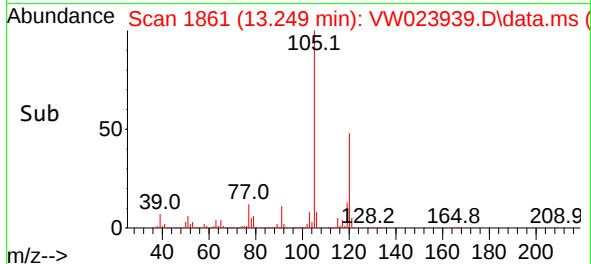
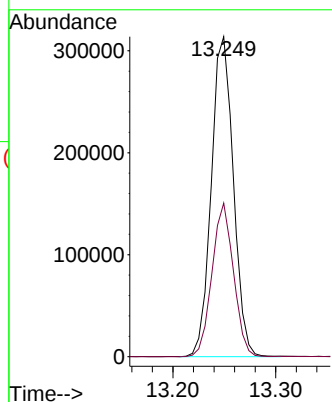
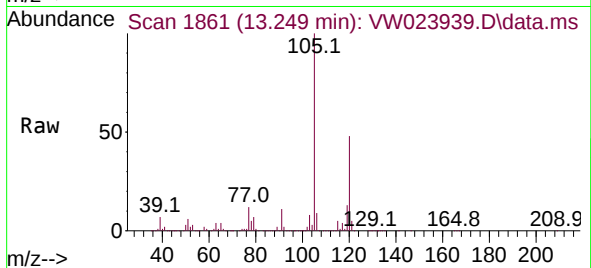
VSTD025498

Tgt Ion:105 Resp: 466431

Ion Ratio Lower Upper

105 100

120 46.8 35.5 53.3



#64

1,3-Dichlorobenzene

Concen: 27.018 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

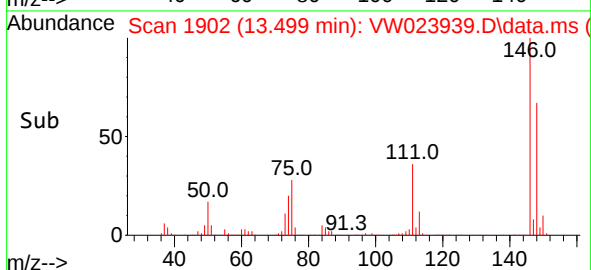
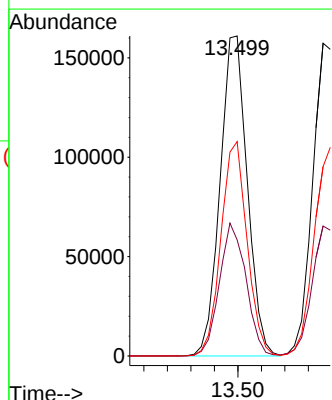
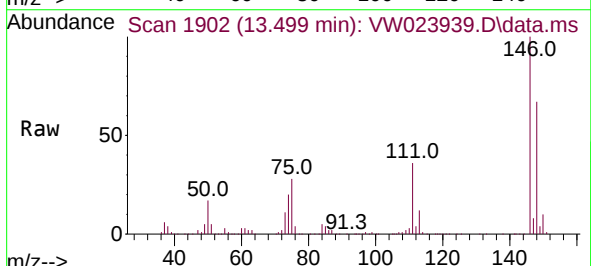
Tgt Ion:146 Resp: 258833

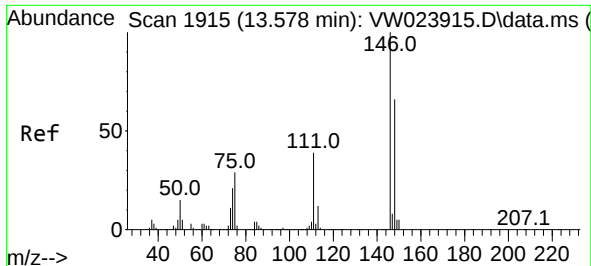
Ion Ratio Lower Upper

146 100

111 36.2 28.6 53.2

148 67.0 41.2 76.4

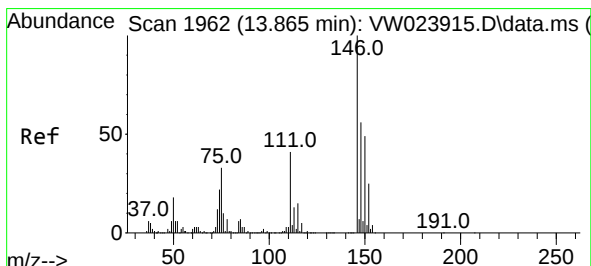
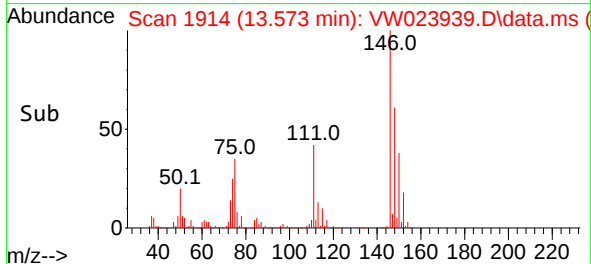
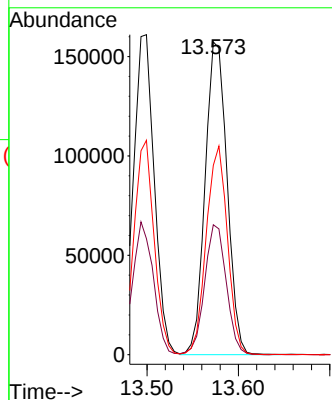
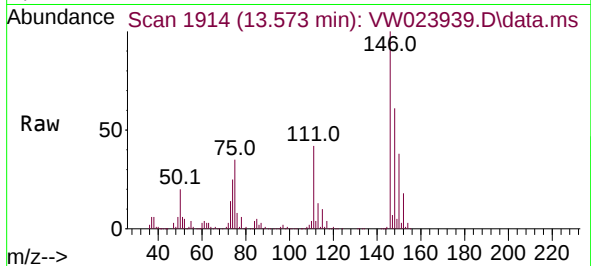




#65
1,4-Dichlorobenzene
Concen: 25.732 ug/L
RT: 13.573 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

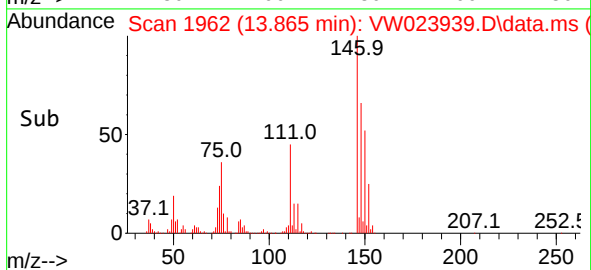
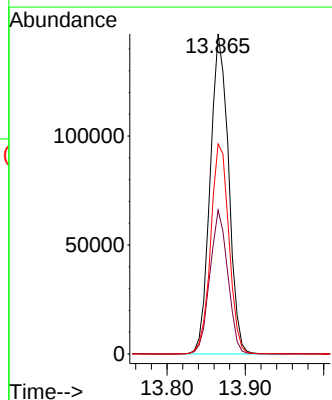
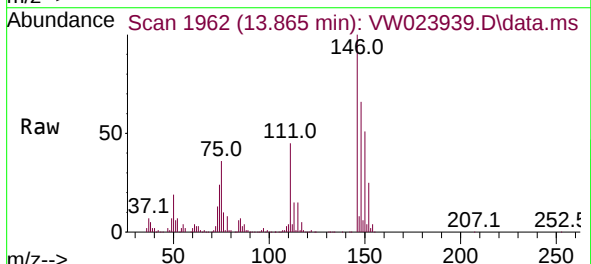
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

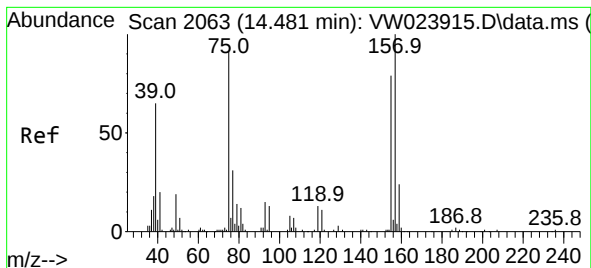
Tgt Ion:146 Resp: 262259
Ion Ratio Lower Upper
146 100
111 41.5 29.4 54.6
148 60.5 44.4 82.5



#67
1,2-Dichlorobenzene
Concen: 26.487 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion:146 Resp: 239313
Ion Ratio Lower Upper
146 100
111 44.9 35.9 53.9
148 65.7 51.3 76.9

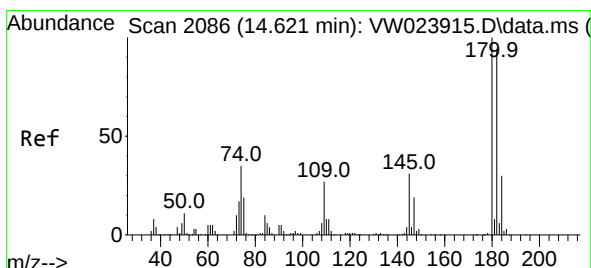
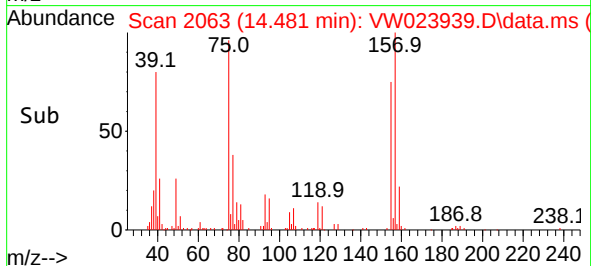
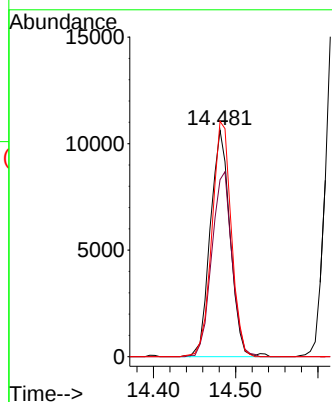
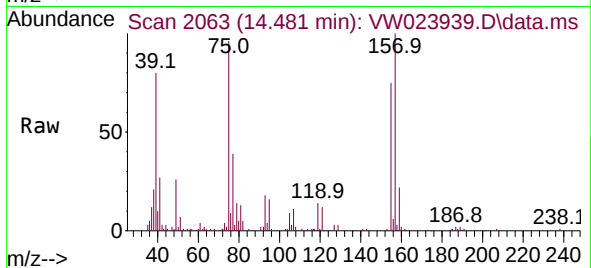




#68
1,2-Dibromo-3-chloropropane
Concen: 22.338 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

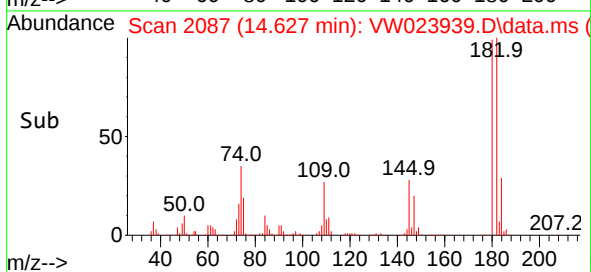
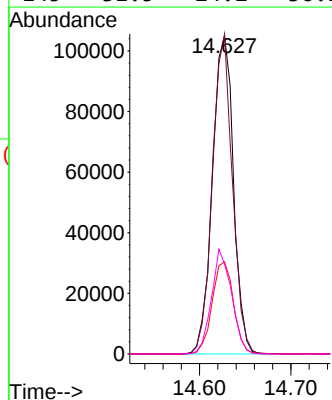
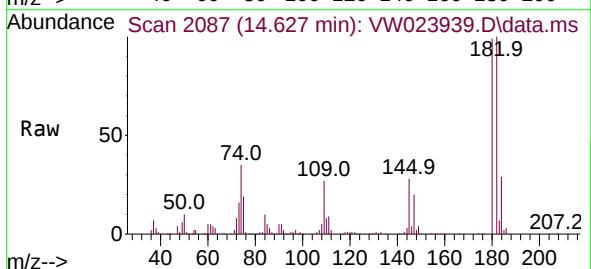
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

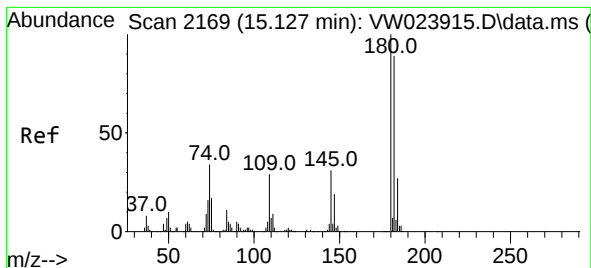
Tgt Ion: 75 Resp: 17745
Ion Ratio Lower Upper
75 100
155 78.2 51.7 77.5#
157 104.0 63.5 95.3#



#69
1,3,5-Trichlorobenzene
Concen: 26.451 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW023939.D
Acq: 20 Jul 2022 15:53

Tgt Ion:180 Resp: 167724
Ion Ratio Lower Upper
180 100
182 95.7 70.2 105.2
184 29.5 22.6 34.0
145 31.5 24.2 36.2





#70

1,2,4-trichlorobenzene

Concen: 27.031 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

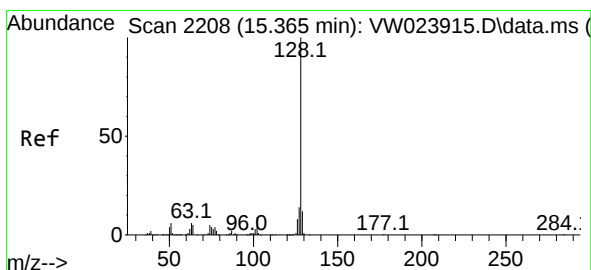
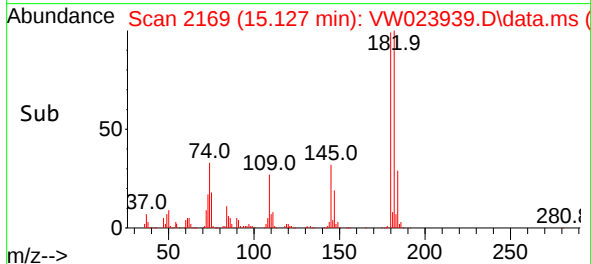
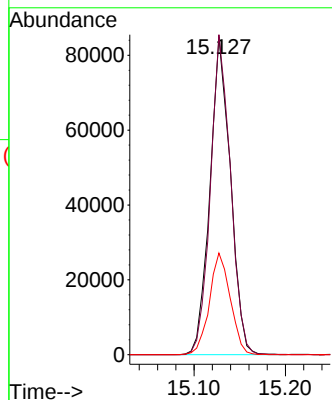
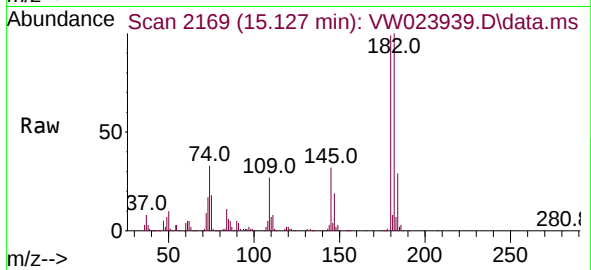
Tgt Ion:180 Resp: 132352

Ion Ratio Lower Upper

180 100

182 98.6 77.5 116.3

145 32.6 26.3 39.5



#71

Naphthalene

Concen: 26.611 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW023939.D

Acq: 20 Jul 2022 15:53

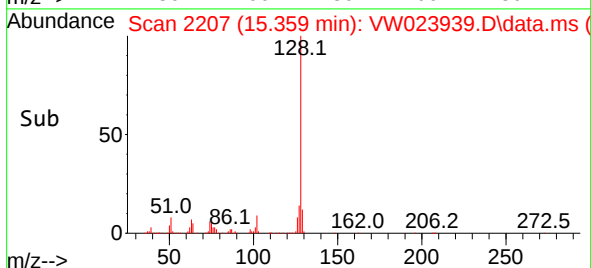
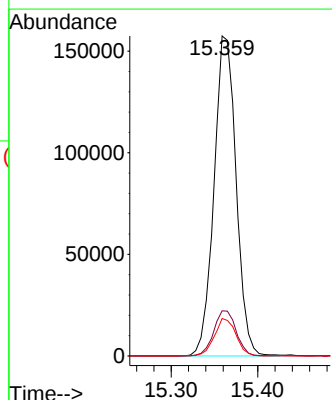
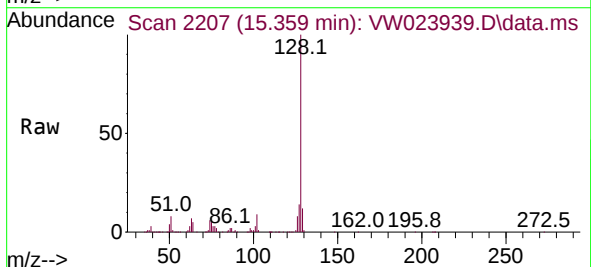
Tgt Ion:128 Resp: 279499

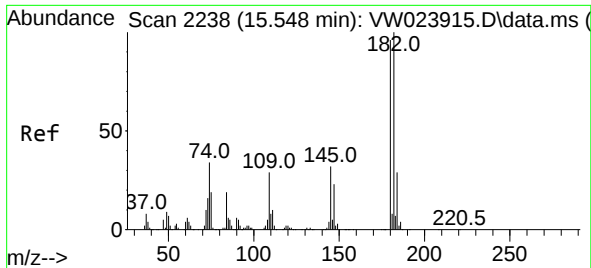
Ion Ratio Lower Upper

128 100

127 14.4 11.0 16.4

129 11.4 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 27.552 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW023939.D
 Acq: 20 Jul 2022 15:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Tgt Ion:180 Resp: 125743
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.3 114.5
 145 33.7 27.8 41.6

