

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023193.D
 Acq On : 20 May 2022 12:57
 Operator : SY/VA
 Sample : N2926-03MSD
 Misc : 5.34g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXY11MSD

Quant Time: May 20 23:03:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 23:01:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	50694	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	47151	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	21053	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	19387	18.640	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.560%
7) Chloroethane-d5	2.885	69	20041	29.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.480%
11) 1,1-Dichloroethene-d2	4.025	63	30044	22.356	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.440%
21) 2-Butanone-d5	7.086	46	8171	41.320	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.640%
24) Chloroform-d	7.653	84	32701	22.018	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.080%
26) 1,2-Dichloroethane-d4	8.311	65	18074	22.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.760%
32) Benzene-d6	8.281	84	60273	22.178	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.720%
36) 1,2-Dichloropropane-d6	9.274	67	18277	23.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.323	98	55594	21.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.720%
43) trans-1,3-Dichloroprop...	10.573	79	6833	19.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.760%
47) 2-Hexanone-d5	10.927	63	4140	28.407	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	17110	24.046	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	16594	22.548	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	3041	11.004	ug/L	97
3) Chloromethane	2.221	50	14986	28.063	ug/L	97
5) Vinyl chloride	2.361	62	23822	22.228	ug/L	96
6) Bromomethane	2.782	94	16290	23.674	ug/L	93
8) Chloroethane	2.922	64	19342	37.418	ug/L	98
9) Trichlorofluoromethane	3.269	101	28827	58.850	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	17885	24.419	ug/L	92
12) 1,1-Dichloroethene	4.044	96	15637	24.084	ug/L	88
13) Acetone	4.135	43	10463	70.671	ug/L	98
14) Carbon disulfide	4.385	76	38657	21.717	ug/L	99
16) Methylene chloride	4.928	84	18026	24.301	ug/L	88
17) trans-1,2-Dichloroethene	5.440	96	16893	23.120	ug/L	90
18) Methyl tert-butyl Ether	5.434	73	37302	33.443	ug/L #	76
19) 1,1-Dichloroethane	6.226	63	29339	23.692	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	17974	22.903	ug/L #	89
22) 2-Butanone	7.177	43	10514	50.780	ug/L	77
23) Bromochloromethane	7.519	128	9018	24.536	ug/L	90
25) Chloroform	7.677	83	31706	23.155	ug/L	93
27) 1,2-Dichloroethane	8.403	62	23111	25.320	ug/L	96

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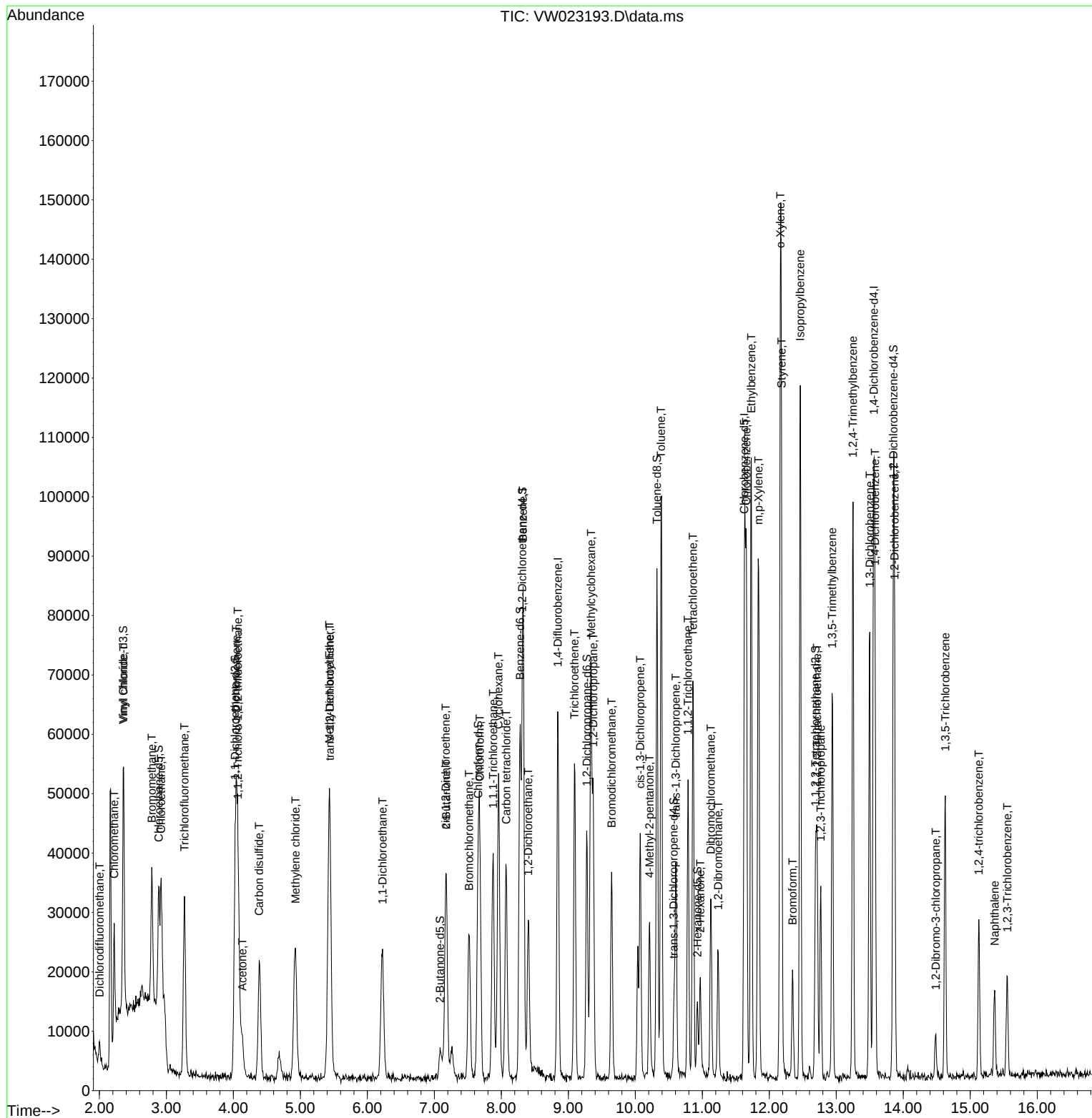
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	23467	23.013	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	29458	26.437	ug/L	98
31) Carbon tetrachloride	8.073	117	26350	25.280	ug/L	96
33) Benzene	8.323	78	67533	24.313	ug/L	100
34) Trichloroethene	9.092	95	17924	23.464	ug/L	92
35) Methylcyclohexane	9.341	83	26364	21.008	ug/L	97
37) 1,2-Dichloropropane	9.372	63	16736	24.898	ug/L	98
38) Bromodichloromethane	9.646	83	21793	22.826	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	21477	20.606	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	16456	38.841	ug/L	99
42) Toluene	10.384	91	71377	22.929	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	18871	20.285	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	14952	26.608	ug/L	96
46) Tetrachloroethene	10.860	164	14401	25.086	ug/L	81
48) 2-Hexanone	10.969	43	10654	37.635	ug/L	94
49) Dibromochloromethane	11.128	129	14534	21.490	ug/L	95
50) 1,2-Dibromoethane	11.238	107	13364	23.685	ug/L	97
51) Chlorobenzene	11.658	112	45705	22.271	ug/L	99
52) Ethylbenzene	11.731	91	73730	21.290	ug/L	100
53) m,p-Xylene	11.841	106	28824	21.123	ug/L	96
54) o-Xylene	12.164	106	27984	21.370	ug/L	98
55) Styrene	12.182	104	44850	20.156	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	16679	23.764	ug/L	96
59) Bromoform	12.347	173	6768	22.684	ug/L #	90
60) Isopropylbenzene	12.463	105	75335	26.120	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	12675	30.131	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	34958	21.786	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	51744	21.477	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	29803	23.144	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	29139	21.908	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	26301	22.320	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.487	75	1902	20.689	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	12985	15.191	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	7221	10.502	ug/L	90
71) Naphthalene	15.365	128	11943	7.992	ug/L #	81
72) 1,2,3-Trichlorobenzene	15.554	180	4826	7.919	ug/L	94

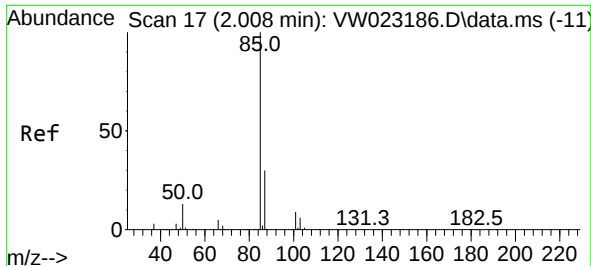
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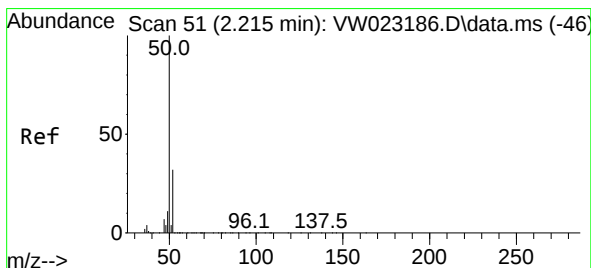
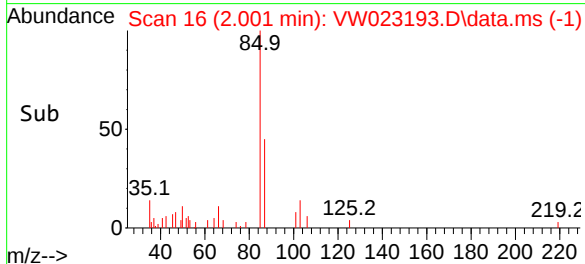
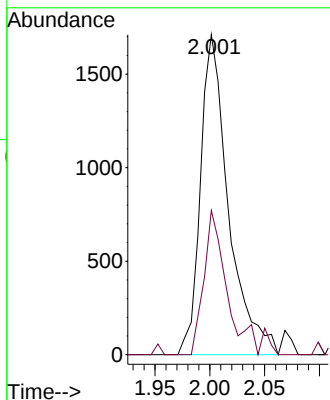
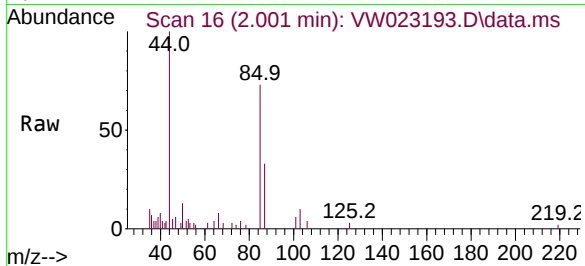




#2
Dichlorodifluoromethane
Concen: 11.004 ug/L
RT: 2.001 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

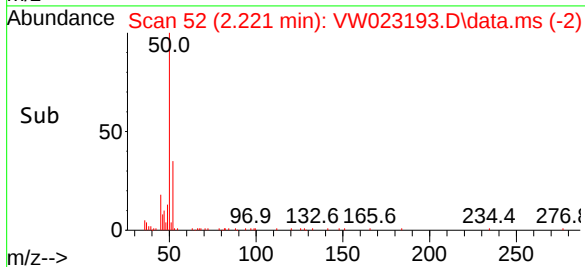
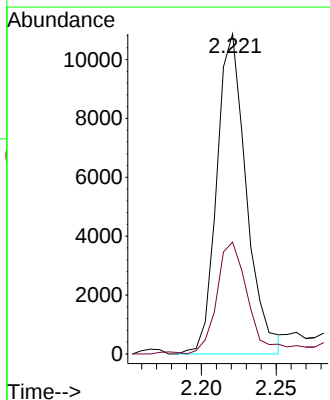
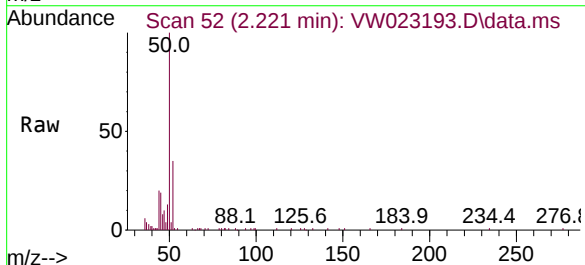
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EXY11MSD

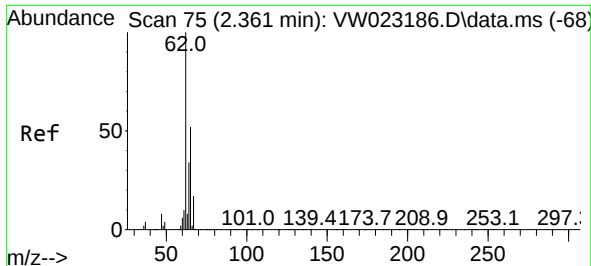
Tgt Ion: 85 Resp: 3041
Ion Ratio Lower Upper
85 100
87 32.8 27.8 41.8



#3
Chloromethane
Concen: 28.063 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion: 50 Resp: 14986
Ion Ratio Lower Upper
50 100
52 34.9 23.1 42.9

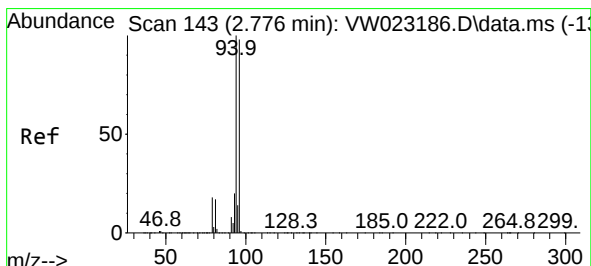
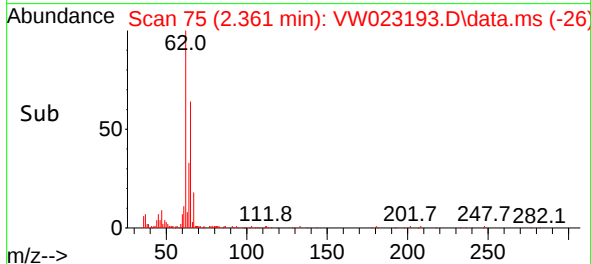
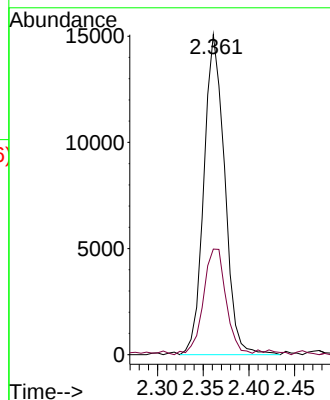
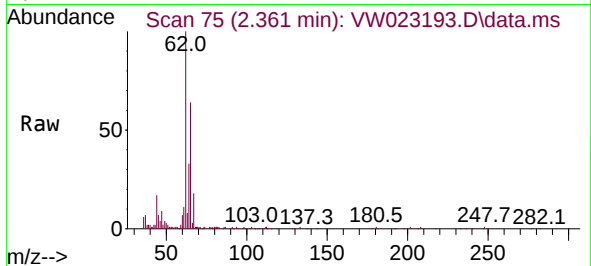




#5
 Vinyl chloride
 Concen: 22.228 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW023193.D
 Acq: 20 May 2022 12:57

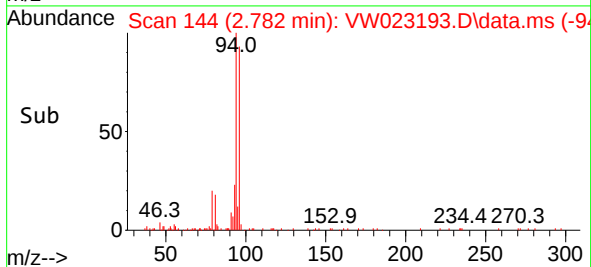
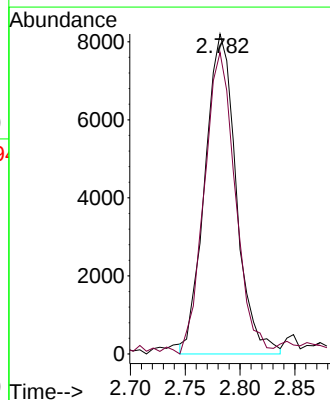
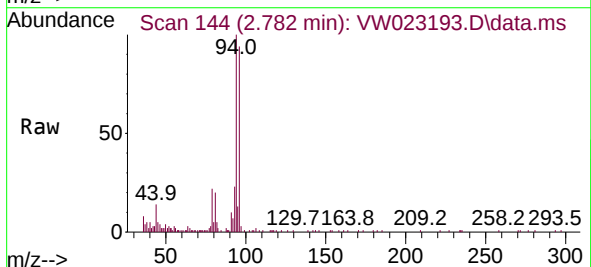
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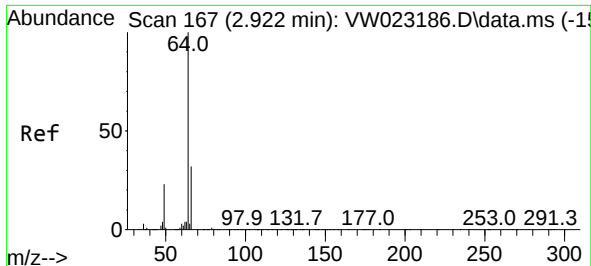
Tgt Ion: 62 Resp: 23822
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.9 46.3



#6
 Bromomethane
 Concen: 23.674 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW023193.D
 Acq: 20 May 2022 12:57

Tgt Ion: 94 Resp: 16290
 Ion Ratio Lower Upper
 94 100
 96 94.2 61.7 114.5

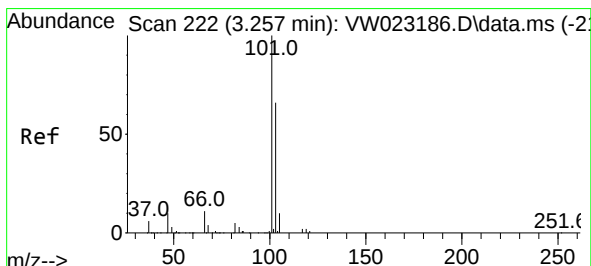
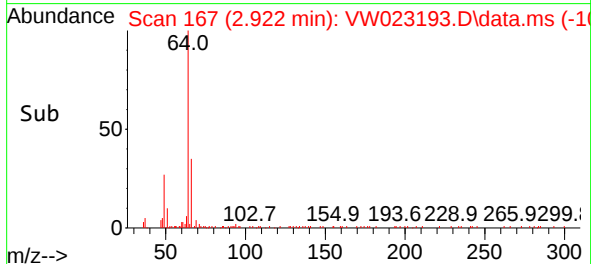
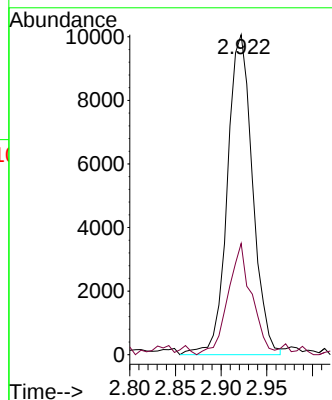
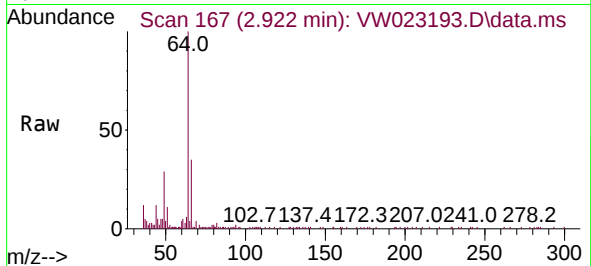




#8
Chloroethane
Concen: 37.418 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

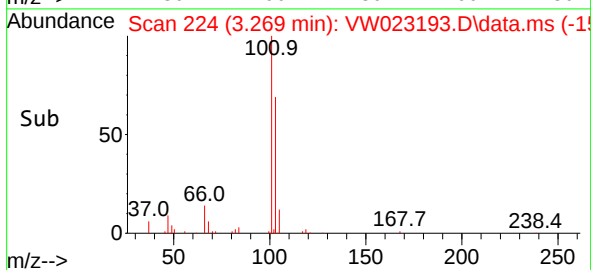
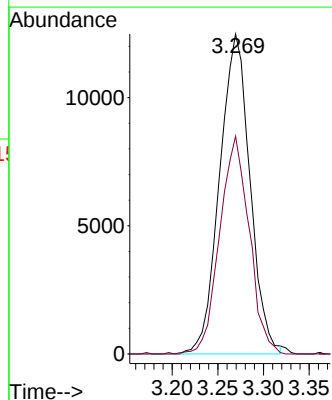
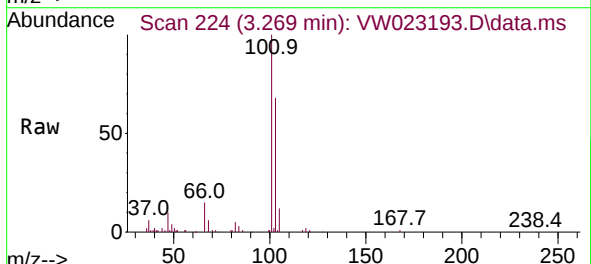
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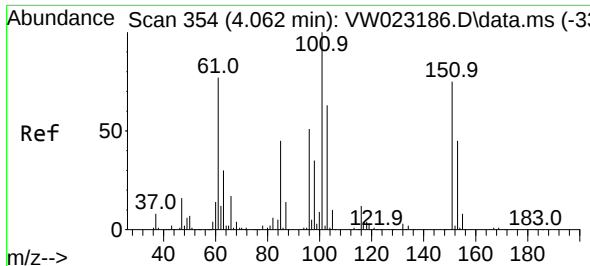
Tgt Ion: 64 Resp: 19342
Ion Ratio Lower Upper
64 100
66 34.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 58.850 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.012 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion: 101 Resp: 28827
Ion Ratio Lower Upper
101 100
103 66.1 53.9 80.9

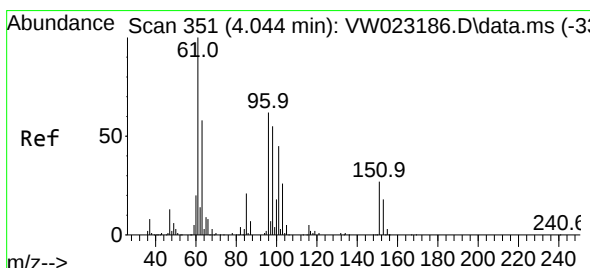
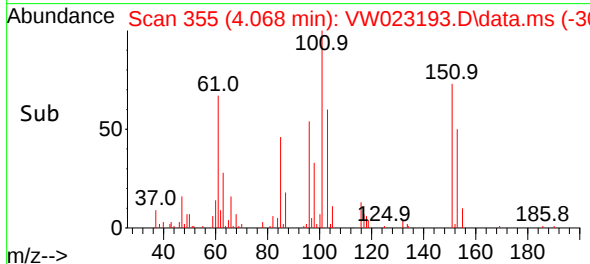
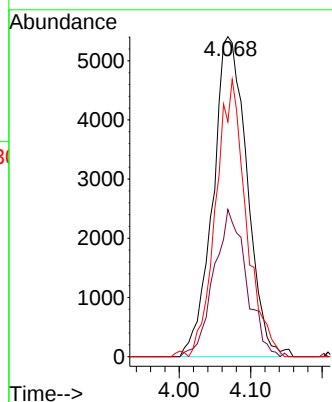
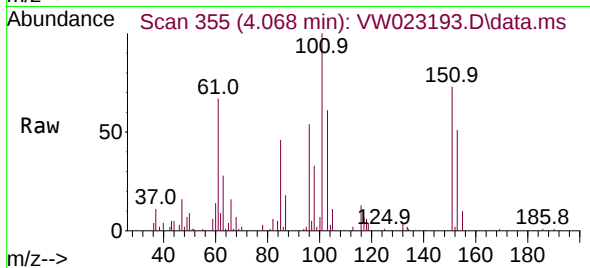




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.419 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW023193.D
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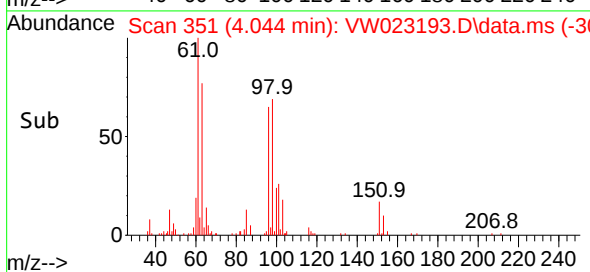
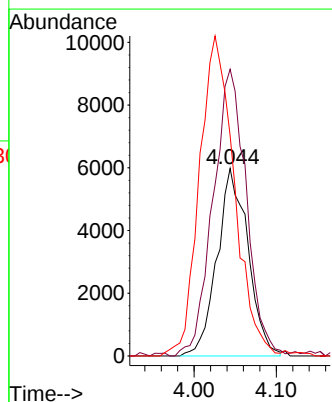
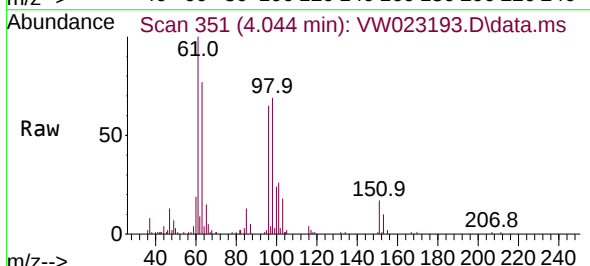
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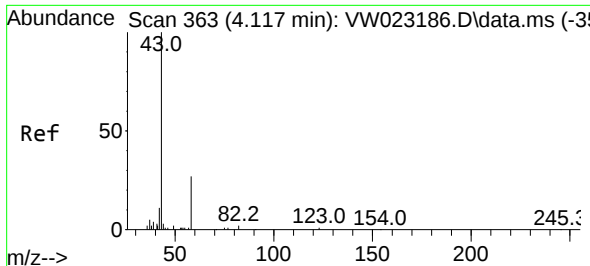
Tgt Ion:	101	Resp:	17885
Ion	Ratio	Lower	Upper
101	100		
85	40.9	34.3	51.5
151	77.0	54.2	81.2



#12
 1,1-Dichloroethene
 Concen: 24.084 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
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Tgt Ion:	96	Resp:	15637
Ion	Ratio	Lower	Upper
96	100		
61	153.0	125.7	233.5
63	117.6	83.4	155.0

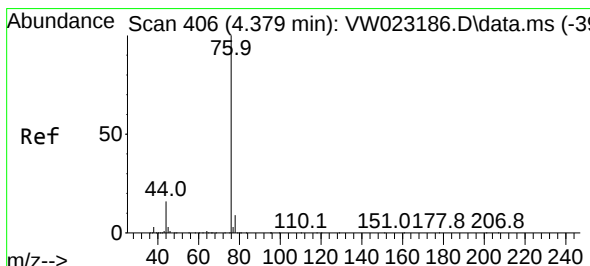
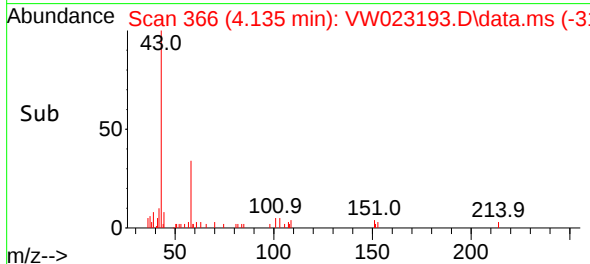
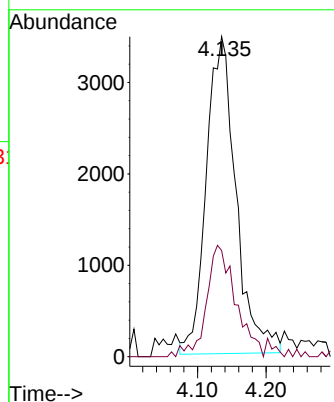
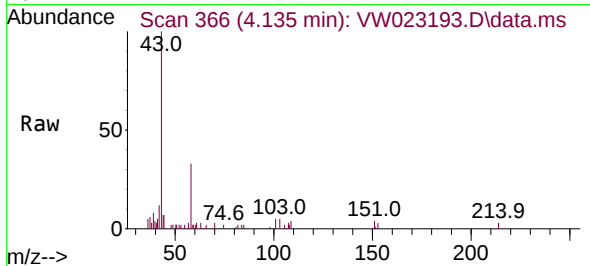




#13
Acetone
Concen: 70.671 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
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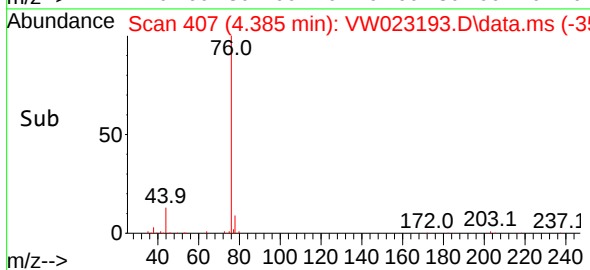
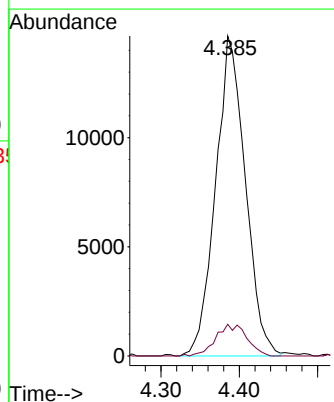
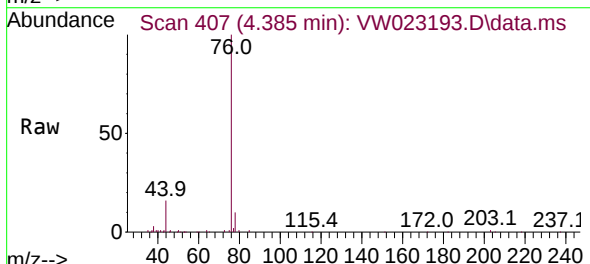
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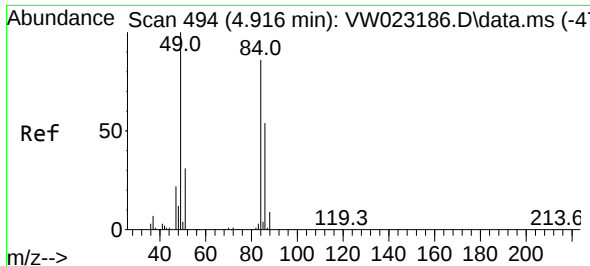
Tgt Ion: 43 Resp: 10463
Ion Ratio Lower Upper
43 100
58 33.0 0.0 64.0



#14
Carbon disulfide
Concen: 21.717 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 38657
Ion Ratio Lower Upper
76 100
78 9.9 7.7 11.5

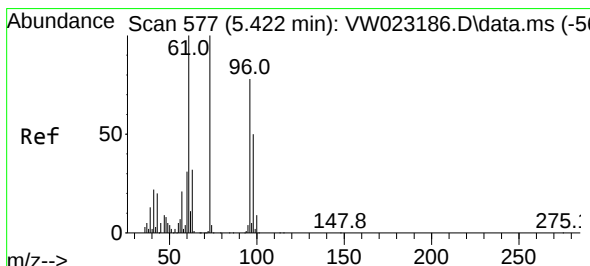
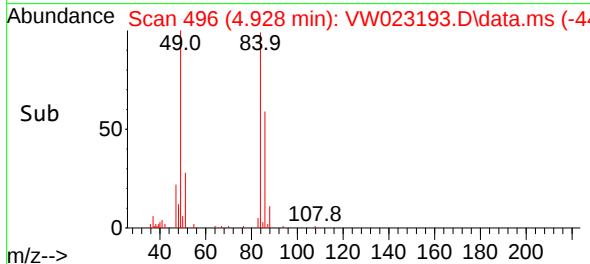
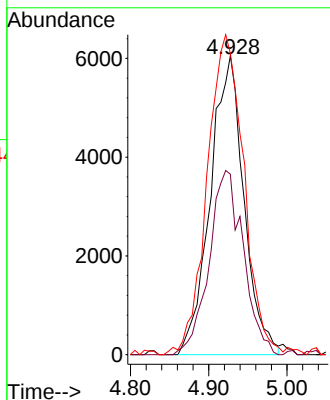
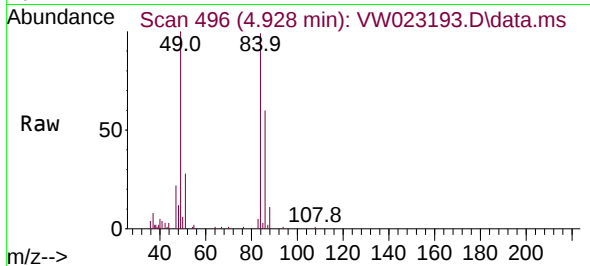




#16
Methylene chloride
Concen: 24.301 ug/L
RT: 4.928 min Scan# 49
Delta R.T. 0.012 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

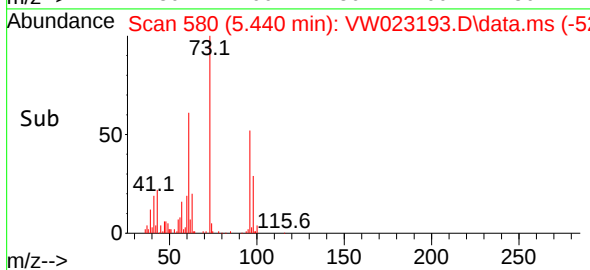
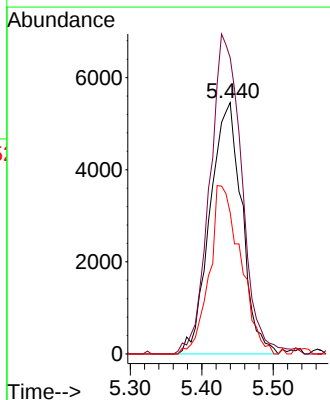
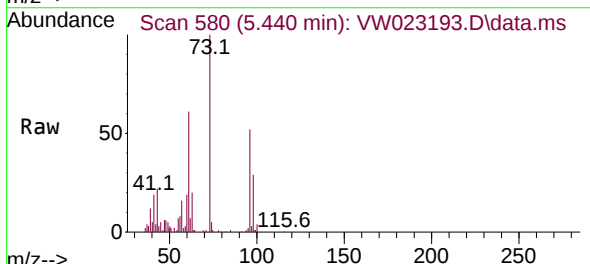
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

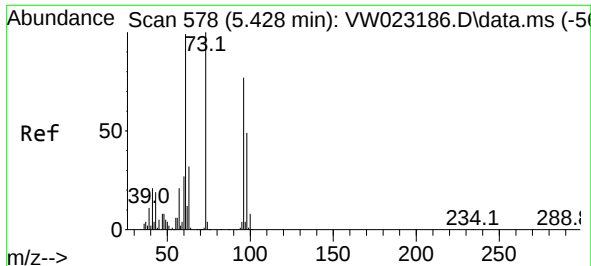
Tgt Ion: 84 Resp: 18026
Ion Ratio Lower Upper
84 100
86 60.4 45.4 84.4
49 100.8 82.5 153.1



#17
trans-1,2-Dichloroethene
Concen: 23.120 ug/L
RT: 5.440 min Scan# 580
Delta R.T. 0.018 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion: 96 Resp: 16893
Ion Ratio Lower Upper
96 100
61 117.9 92.2 171.2
98 56.2 42.9 79.7

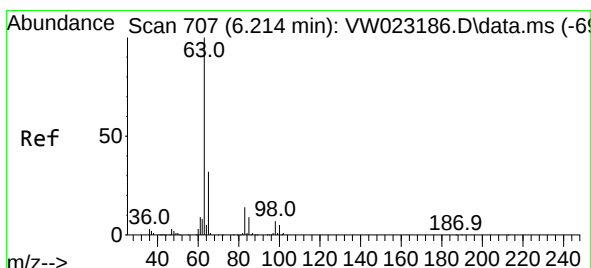
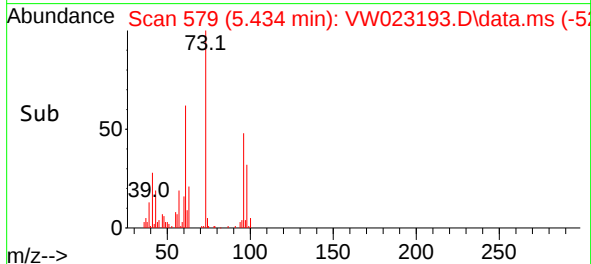
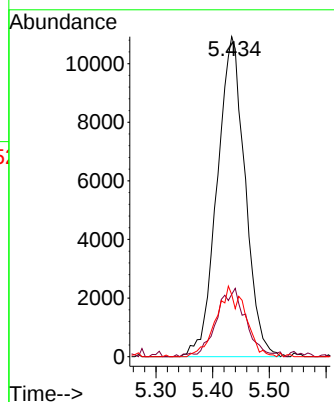
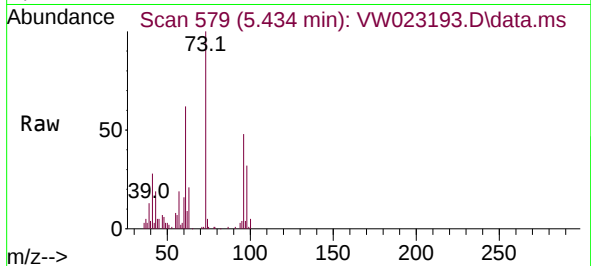




#18
Methyl tert-butyl Ether
Concen: 33.443 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

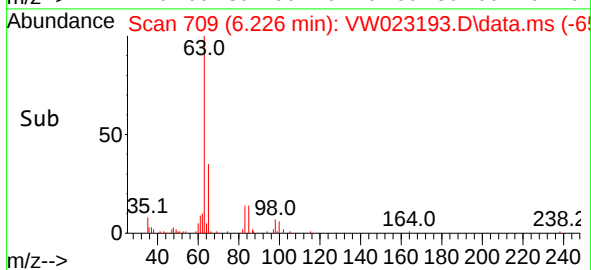
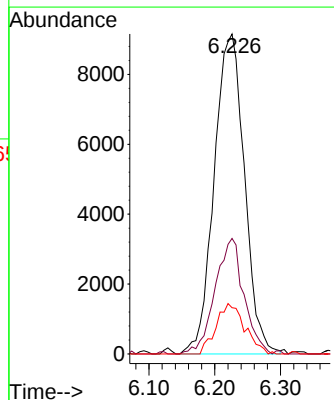
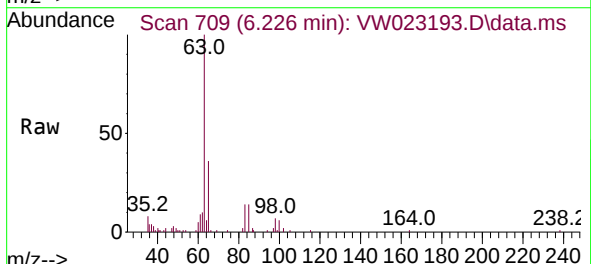
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

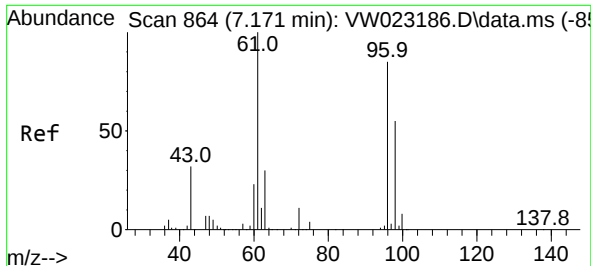
Tgt Ion: 73 Resp: 37302
Ion Ratio Lower Upper
73 100
43 11.9 15.9 23.9#
57 6.8 16.5 24.7#



#19
1,1-Dichloroethane
Concen: 23.692 ug/L
RT: 6.226 min Scan# 709
Delta R.T. 0.012 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion: 63 Resp: 29339
Ion Ratio Lower Upper
63 100
65 36.1 23.3 43.3
83 14.4 11.1 20.5

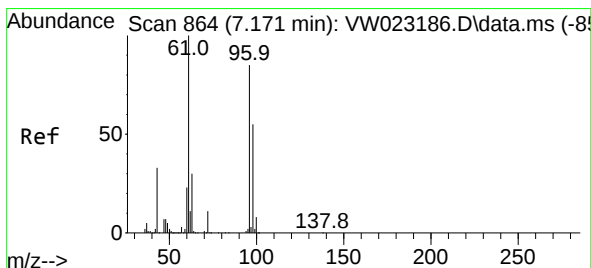
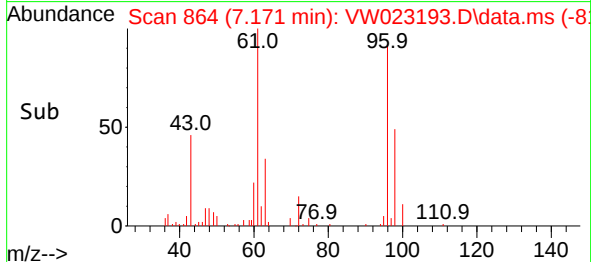
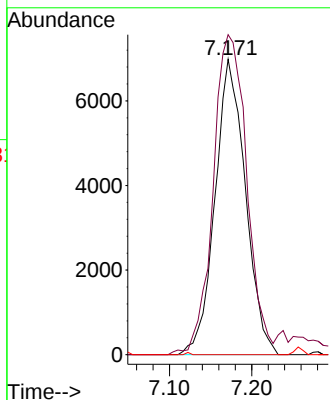
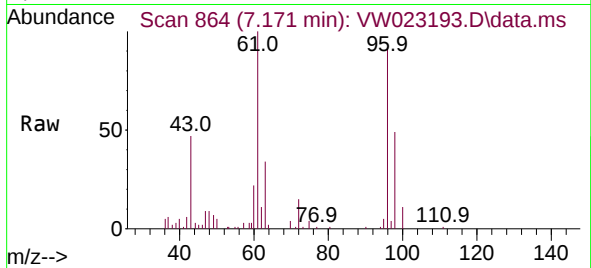




#20
 cis-1,2-Dichloroethene
 Concen: 22.903 ug/L
 RT: 7.171 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW023193.D
 Acq: 20 May 2022 12:57

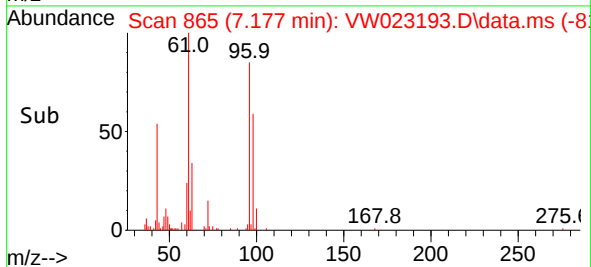
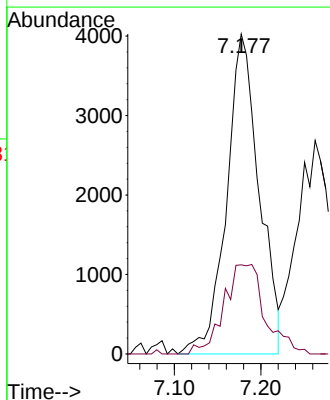
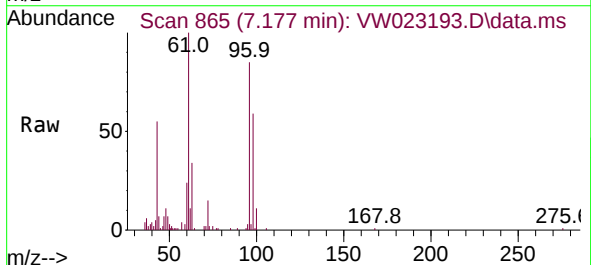
Instrument :
 MSVOA_W
 ClientSampleId :
 EXY11MSD

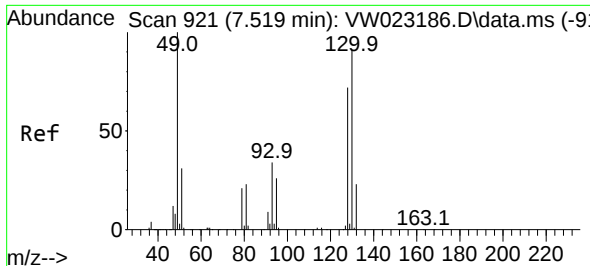
Tgt Ion: 96 Resp: 17974
 Ion Ratio Lower Upper
 96 100
 61 108.4 84.2 156.4
 68 0.0 0.1 0.1#



#22
 2-Butanone
 Concen: 50.780 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW023193.D
 Acq: 20 May 2022 12:57

Tgt Ion: 43 Resp: 10514
 Ion Ratio Lower Upper
 43 100
 72 17.7 15.1 45.3

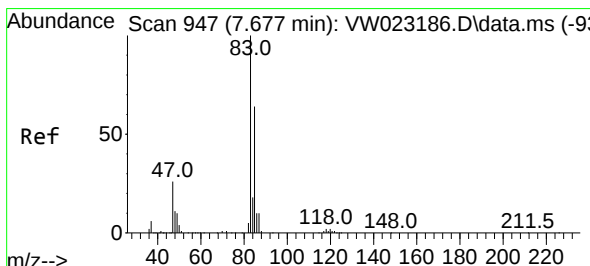
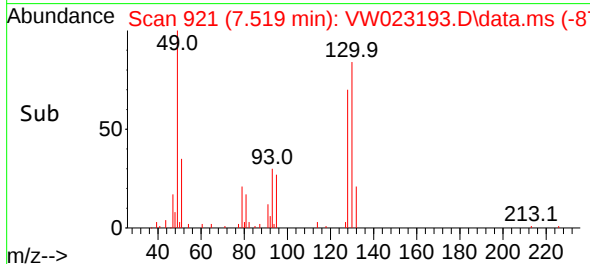
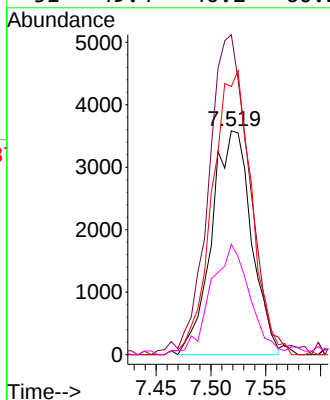
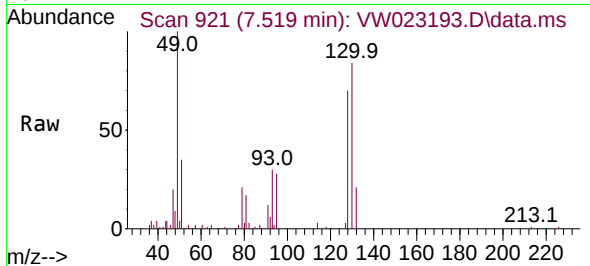




#23
Bromochloromethane
Concen: 24.536 ug/L
RT: 7.519 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

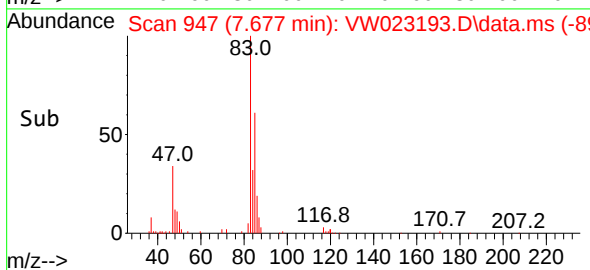
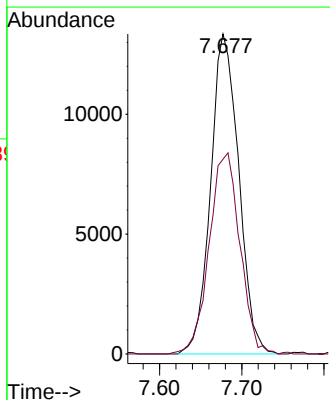
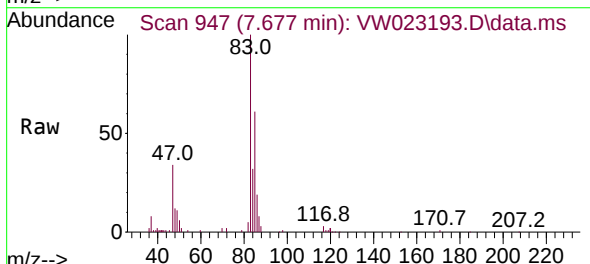
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

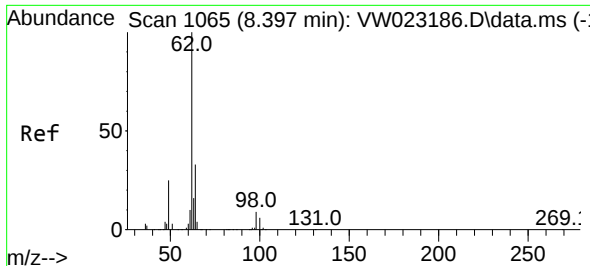
Tgt Ion:	128	Resp:	9018
Ion	Ratio	Lower	Upper
128	100		
49	143.0	110.0	204.4
130	119.8	94.8	176.0
51	49.4	40.2	60.2



#25
Chloroform
Concen: 23.155 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion:	83	Resp:	31706
Ion	Ratio	Lower	Upper
83	100		
85	60.9	46.6	86.6

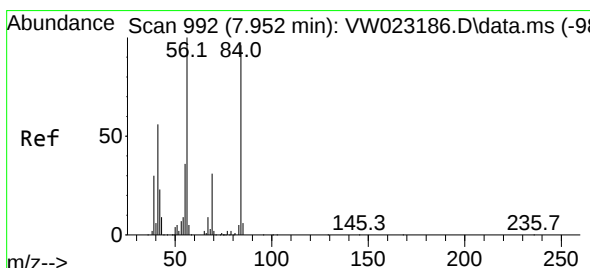
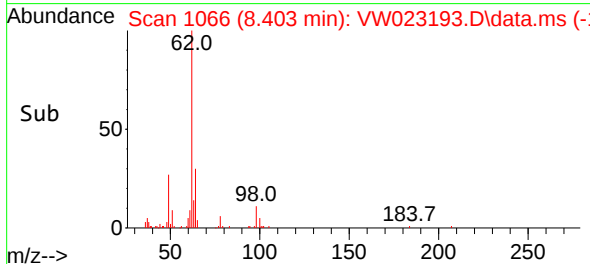
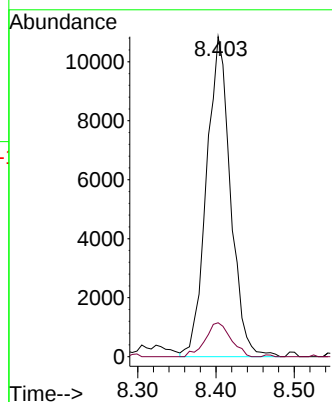
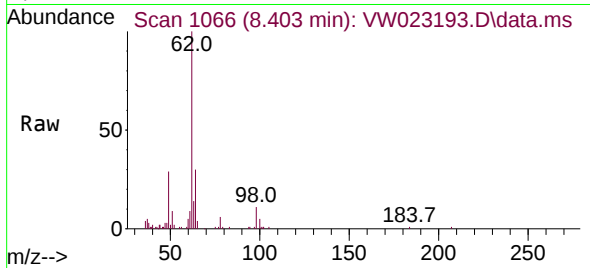




#27
1,2-Dichloroethane
Concen: 25.320 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

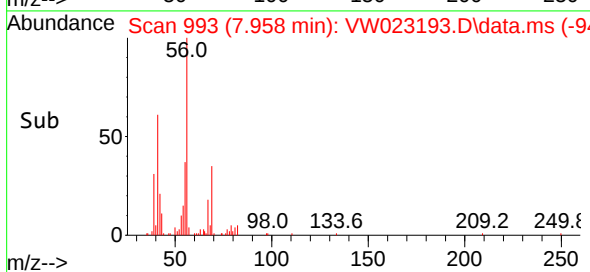
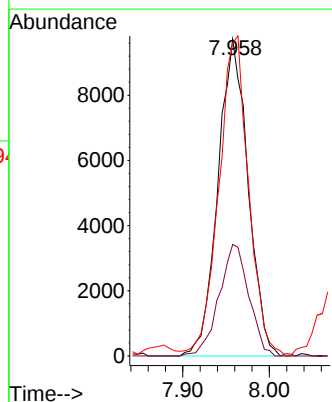
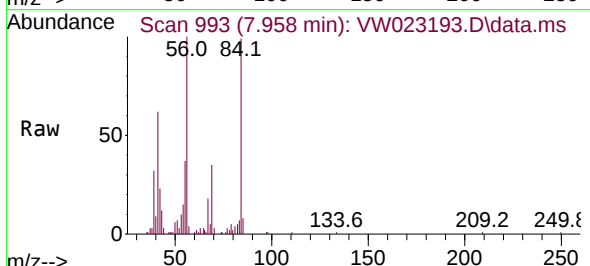
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

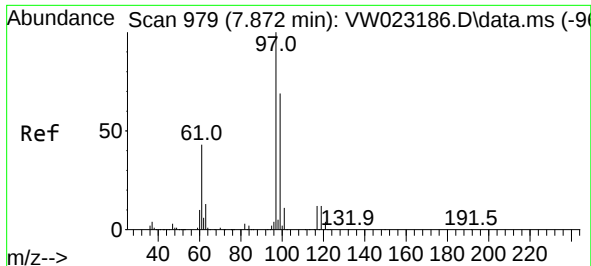
Tgt Ion: 62 Resp: 23111
Ion Ratio Lower Upper
62 100
98 10.6 7.2 10.8



#29
Cyclohexane
Concen: 23.013 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion: 56 Resp: 23467
Ion Ratio Lower Upper
56 100
69 34.6 25.6 38.4
84 100.0 78.2 117.4





#30

1,1,1-Trichloroethane

Concen: 26.437 ug/L

RT: 7.878 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW023193.D

Acq: 20 May 2022 12:57

Instrument :

MSVOA_W

ClientSampleId :

EXY11MSD

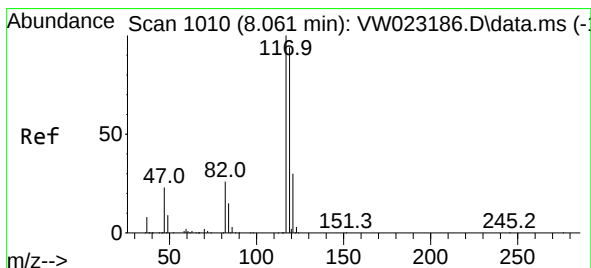
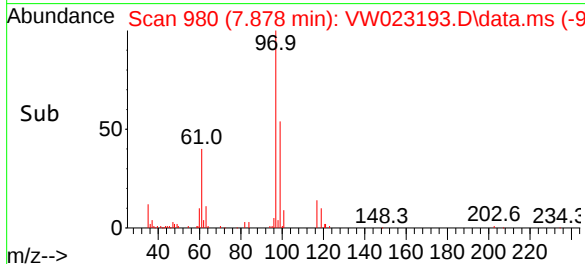
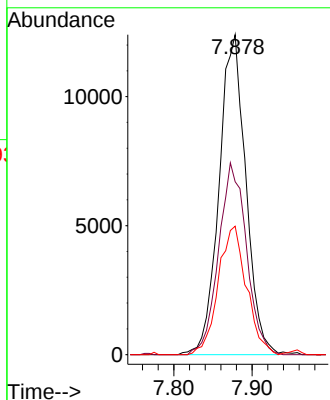
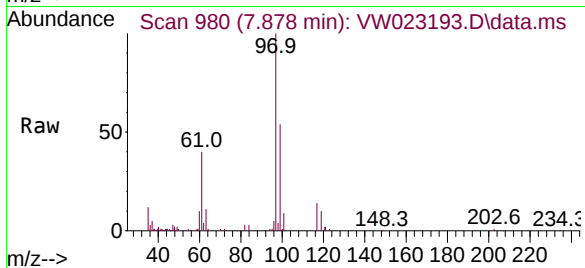
Tgt Ion: 97 Resp: 29458

Ion Ratio Lower Upper

97 100

99 62.5 51.0 76.4

61 42.5 34.8 52.2



#31

Carbon tetrachloride

Concen: 25.280 ug/L

RT: 8.073 min Scan# 1012

Delta R.T. 0.012 min

Lab File: VW023193.D

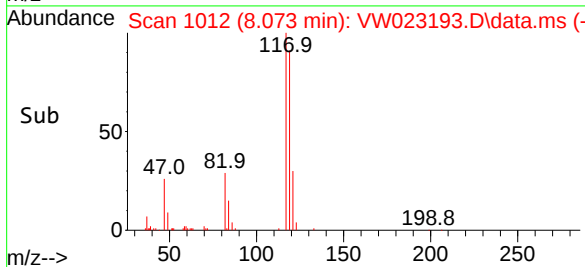
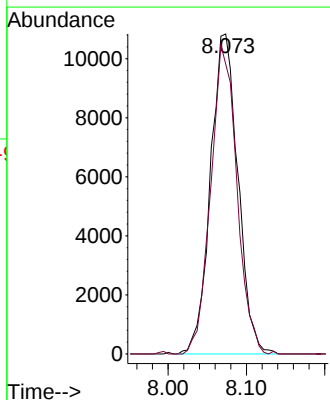
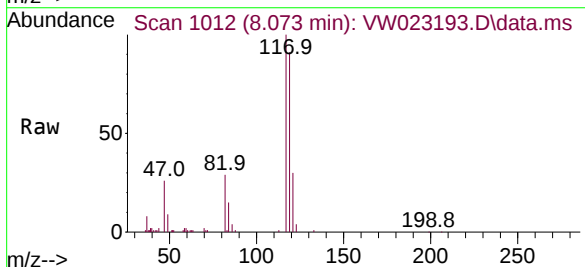
Acq: 20 May 2022 12:57

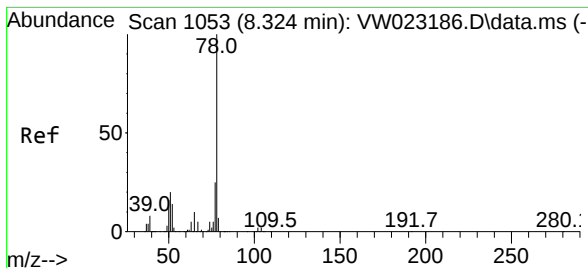
Tgt Ion: 117 Resp: 26350

Ion Ratio Lower Upper

117 100

119 92.3 76.6 115.0





#33

Benzene

Concen: 24.313 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW023193.D

Acq: 20 May 2022 12:57

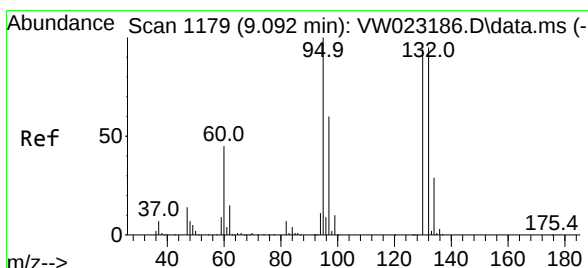
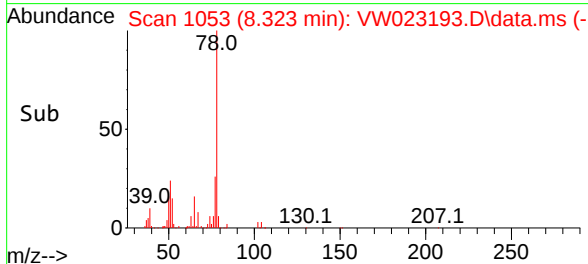
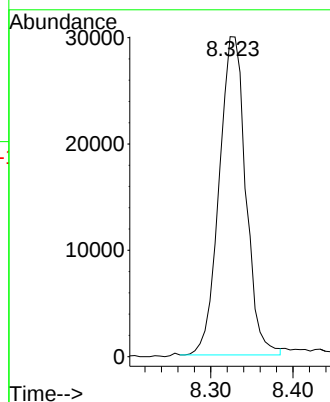
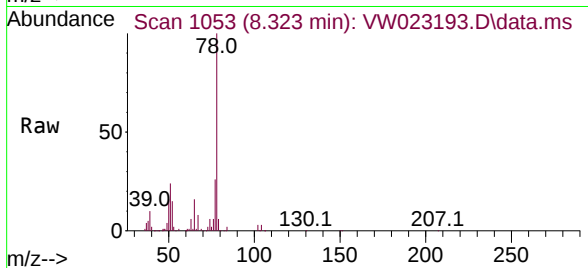
Instrument :

MSVOA_W

ClientSampleId :

EXY11MSD

Tgt Ion: 78 Resp: 67533



#34

Trichloroethene

Concen: 23.464 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023193.D

Acq: 20 May 2022 12:57

Tgt Ion: 95 Resp: 17924

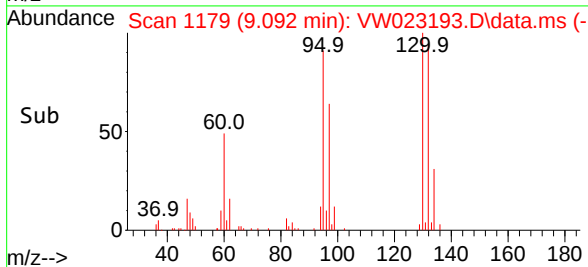
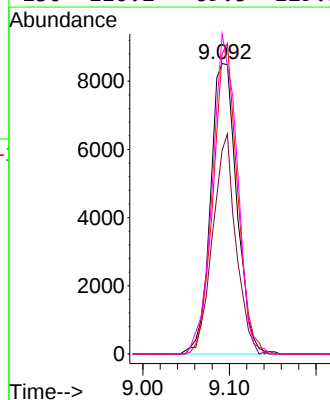
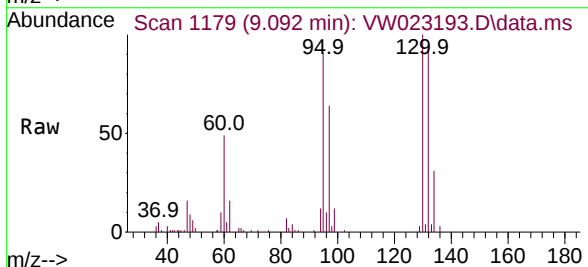
Ion Ratio Lower Upper

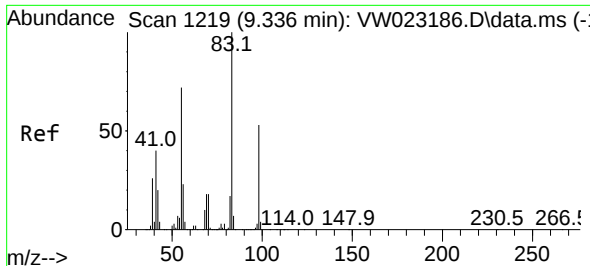
95 100

97 70.1 46.1 85.7

132 103.3 66.9 124.3

130 110.2 69.5 129.1

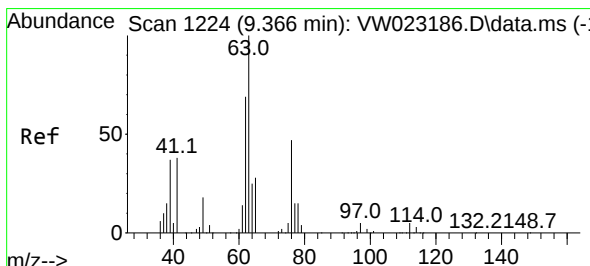
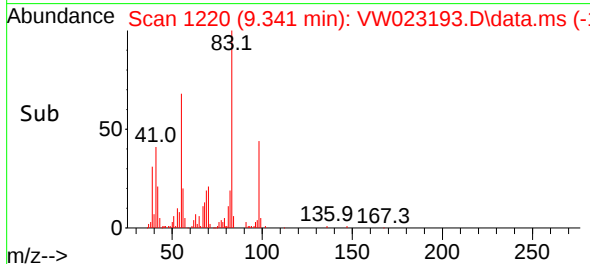
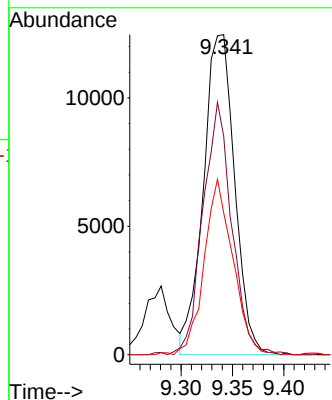
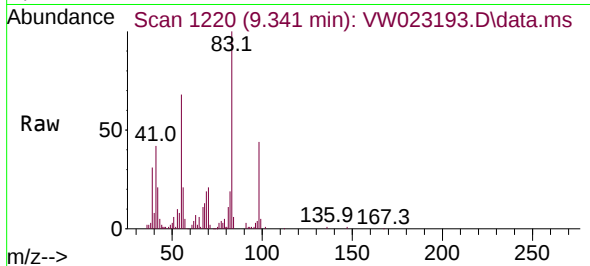




#35
Methylcyclohexane
Concen: 21.008 ug/L
RT: 9.341 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

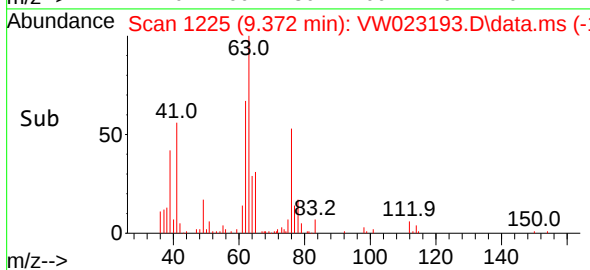
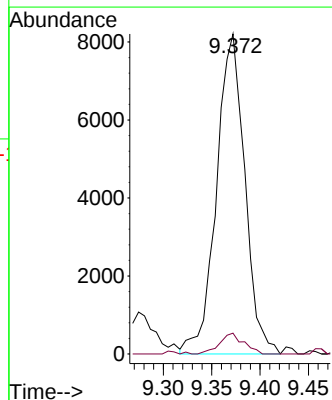
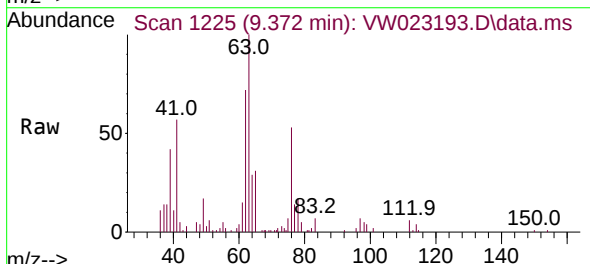
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

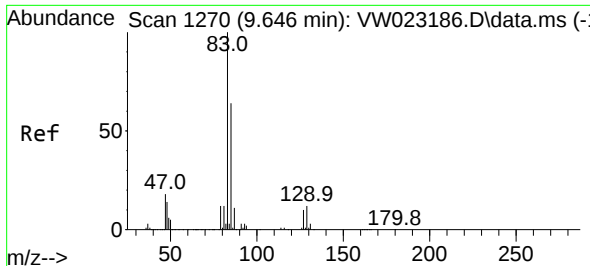
Tgt Ion: 83 Resp: 26364
Ion Ratio Lower Upper
83 100
55 72.9 55.1 82.7
98 50.2 40.4 60.6



#37
1,2-Dichloropropane
Concen: 24.898 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion: 63 Resp: 16736
Ion Ratio Lower Upper
63 100
112 5.5 3.8 5.8

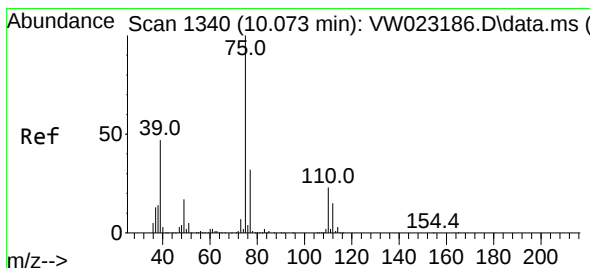
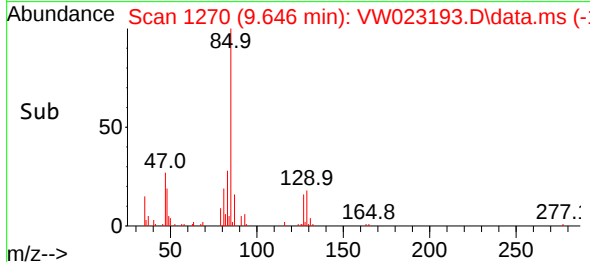
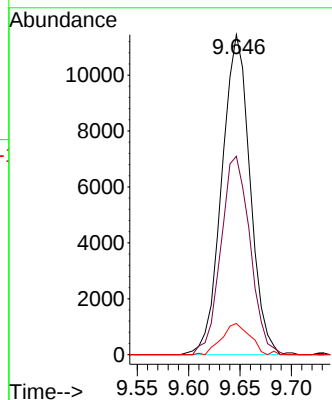
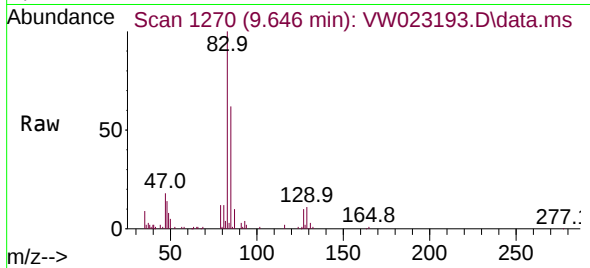




#38
Bromodichloromethane
Concen: 22.826 ug/L
RT: 9.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

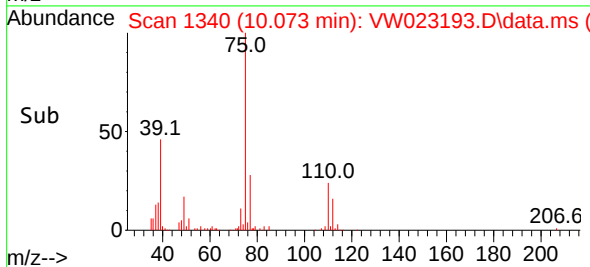
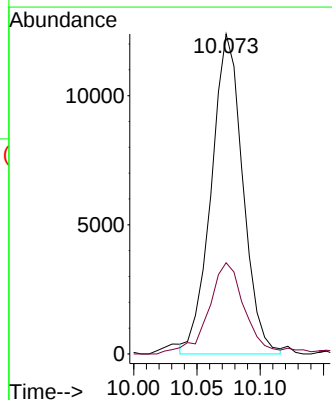
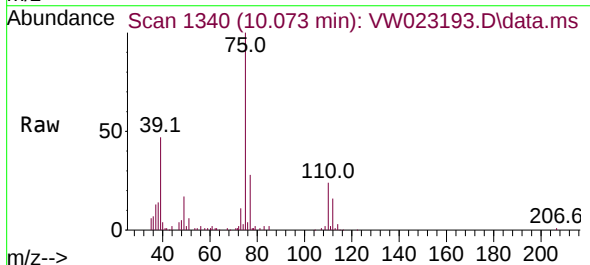
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

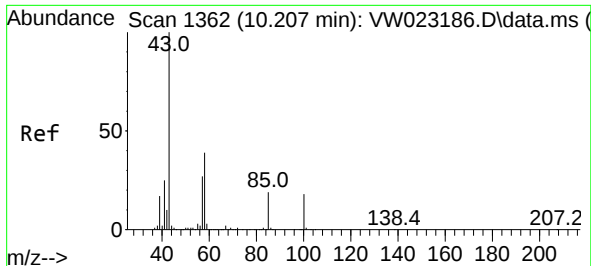
Tgt Ion: 83 Resp: 21793
Ion Ratio Lower Upper
83 100
85 62.0 43.5 80.7
127 9.7 7.1 10.7



#39
cis-1,3-Dichloropropene
Concen: 20.606 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion: 75 Resp: 21477
Ion Ratio Lower Upper
75 100
77 28.5 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 38.841 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW023193.D

Acq: 20 May 2022 12:57

Instrument :

MSVOA_W

ClientSampleId :

EXY11MSD

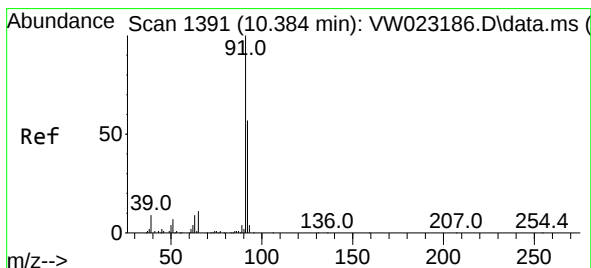
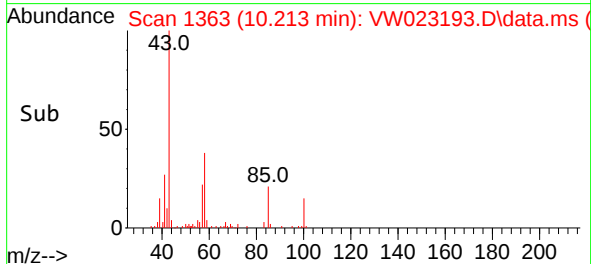
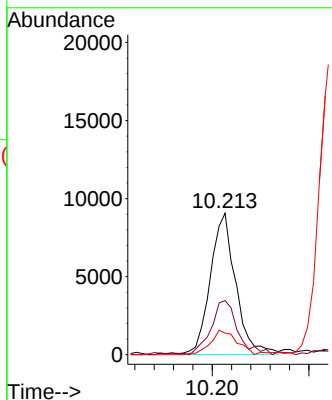
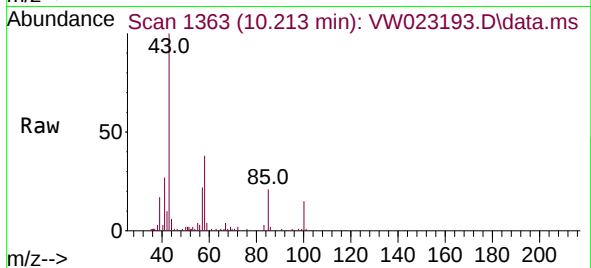
Tgt Ion: 43 Resp: 16456

Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.2

100 17.8 14.2 21.4



#42

Toluene

Concen: 22.929 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW023193.D

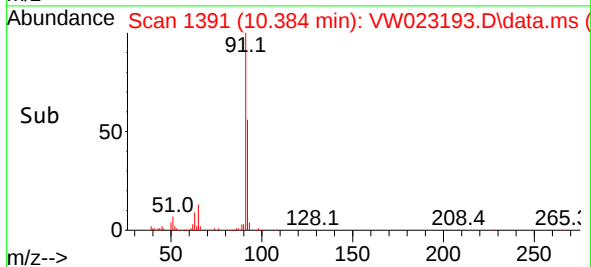
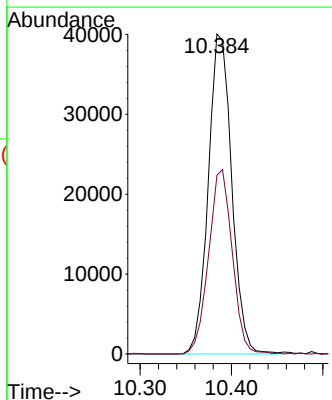
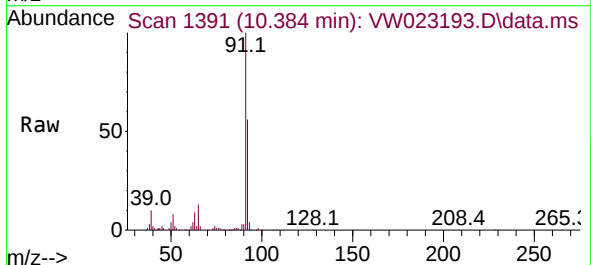
Acq: 20 May 2022 12:57

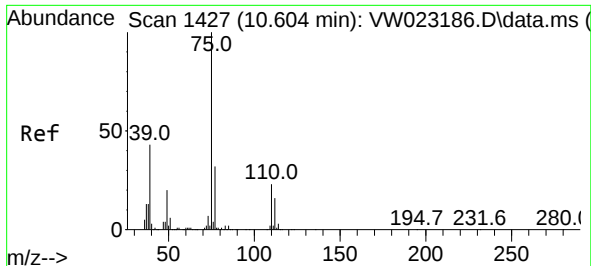
Tgt Ion: 91 Resp: 71377

Ion Ratio Lower Upper

91 100

92 55.8 41.6 77.2

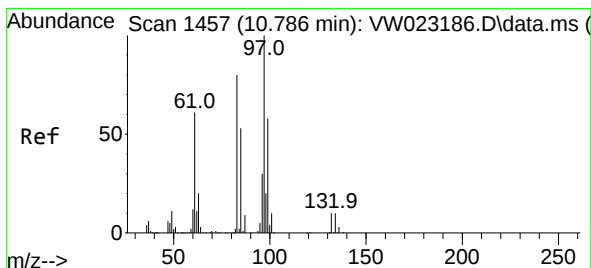
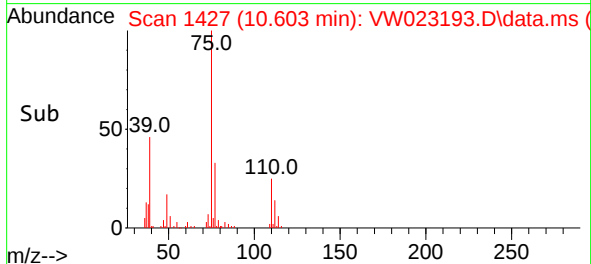
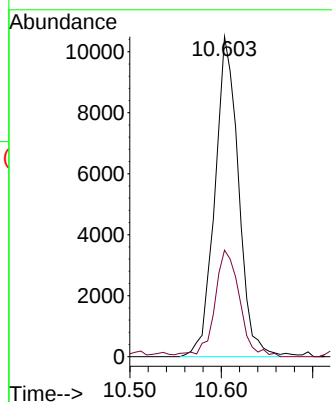
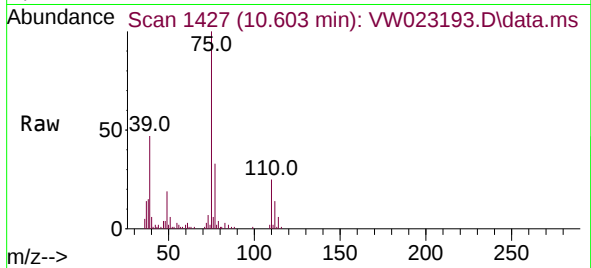




#44
trans-1,3-Dichloropropene
Concen: 20.285 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

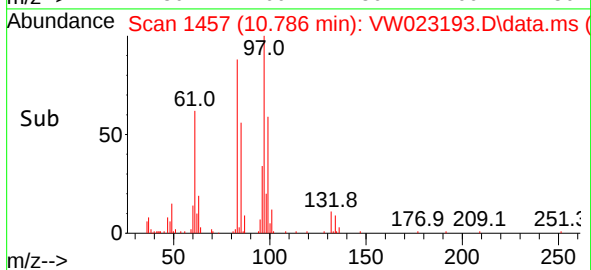
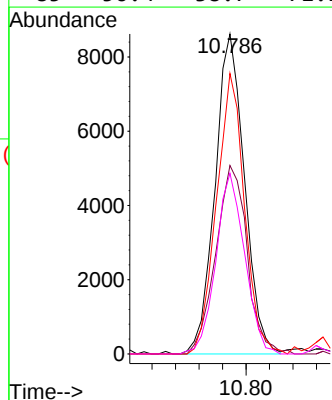
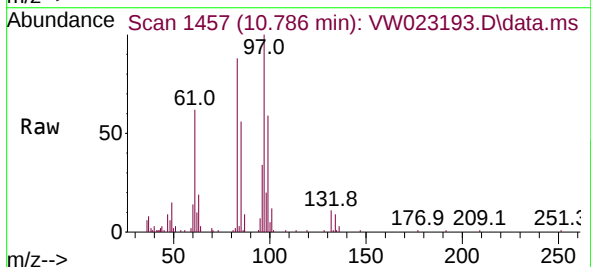
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

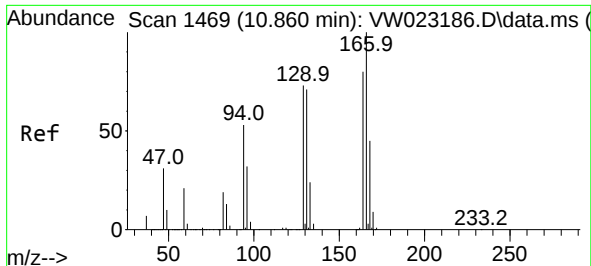
Tgt Ion: 75 Resp: 18871
Ion Ratio Lower Upper
75 100
77 33.3 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 26.608 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion: 97 Resp: 14952
Ion Ratio Lower Upper
97 100
99 58.9 44.7 82.9
83 87.7 58.4 108.4
85 56.4 38.7 71.9

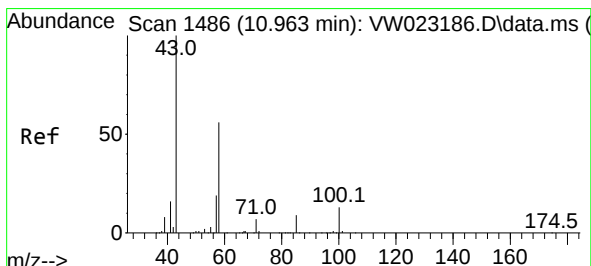
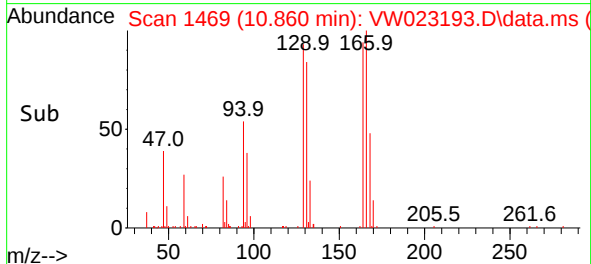
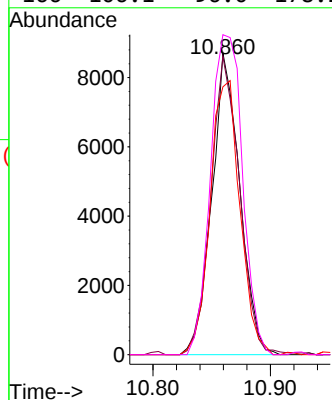
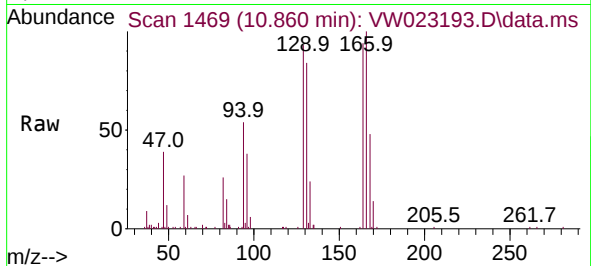




#46
Tetrachloroethene
Concen: 25.086 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

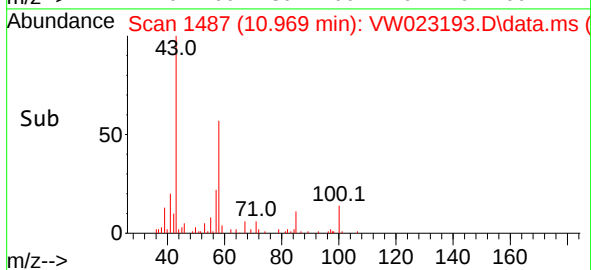
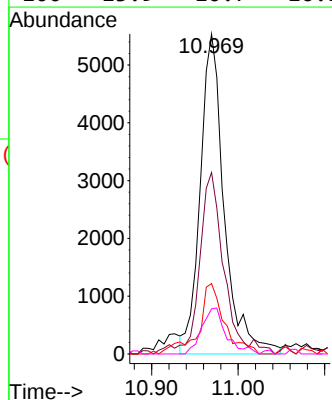
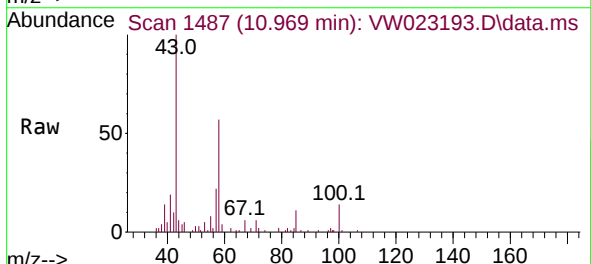
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

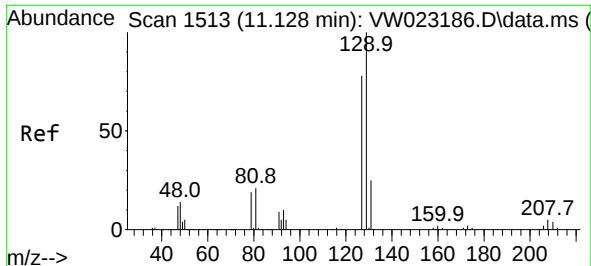
Tgt Ion:164	Resp:	14401
Ion	Ratio	Lower Upper
164	100	
129	98.8	76.9 142.7
131	88.8	75.1 139.5
166	106.1	96.0 178.2



#48
2-Hexanone
Concen: 37.635 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion: 43	Resp:	10654
Ion	Ratio	Lower Upper
43	100	
58	51.3	45.9 68.9
57	18.8	16.2 24.2
100	13.9	10.7 16.1

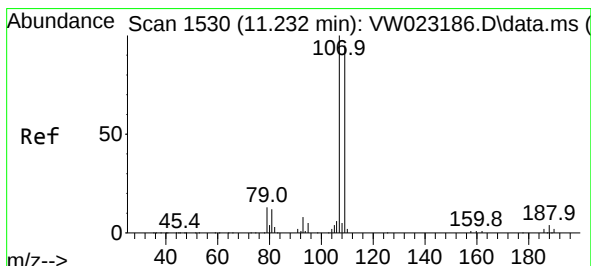
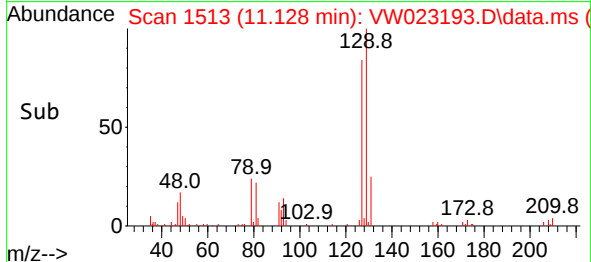
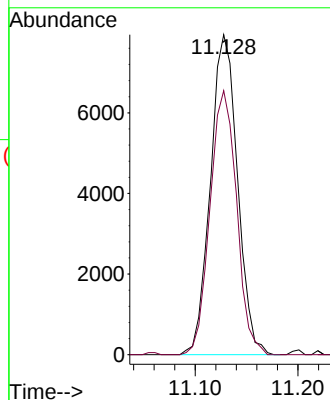
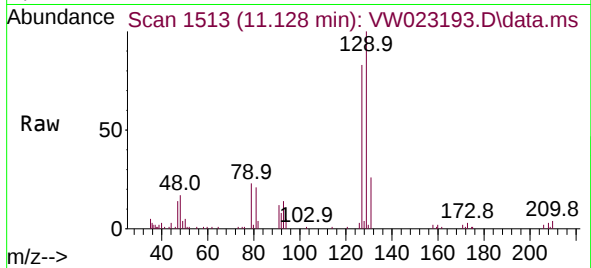




#49
Dibromochloromethane
Concen: 21.490 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

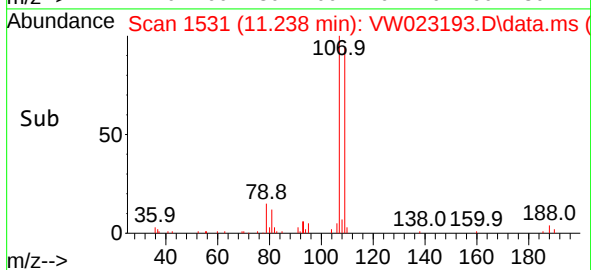
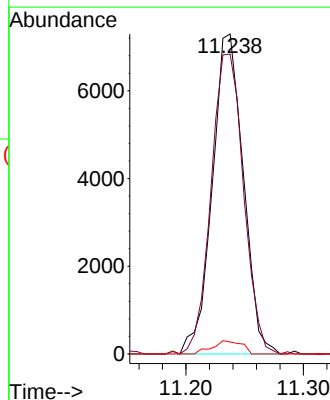
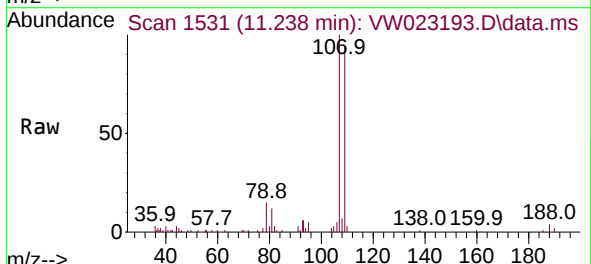
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

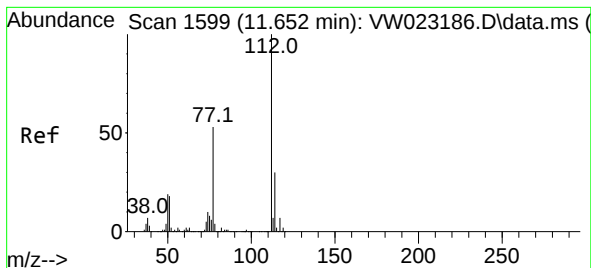
Tgt Ion:129 Resp: 14534
Ion Ratio Lower Upper
129 100
127 81.0 53.8 100.0



#50
1,2-Dibromoethane
Concen: 23.685 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion:107 Resp: 13364
Ion Ratio Lower Upper
107 100
109 93.7 67.5 125.4
188 3.8 2.9 4.3





#51

Chlorobenzene

Concen: 22.271 ug/L

RT: 11.658 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023193.D

Acq: 20 May 2022 12:57

Instrument :

MSVOA_W

ClientSampleId :

EXY11MSD

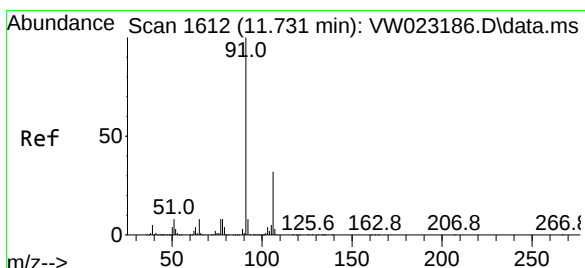
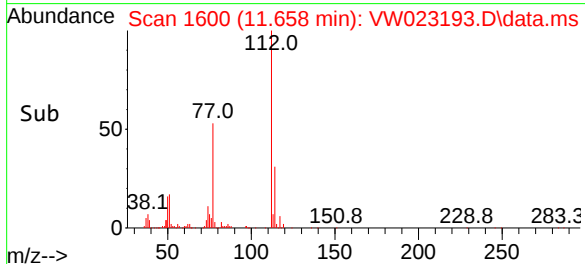
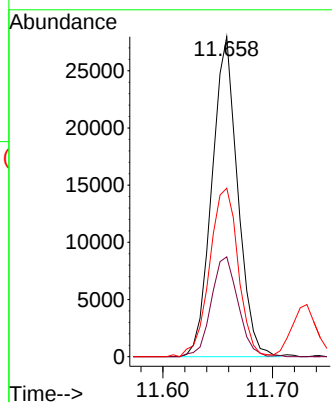
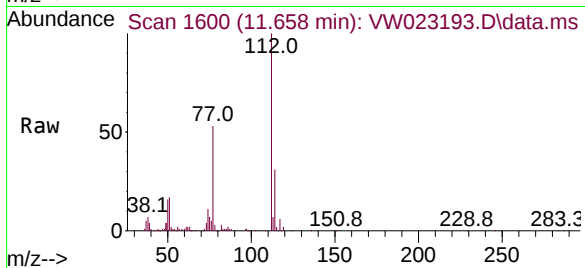
Tgt Ion:112 Resp: 45705

Ion Ratio Lower Upper

112 100

114 31.2 22.0 41.0

77 52.6 42.6 63.8



#52

Ethylbenzene

Concen: 21.290 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW023193.D

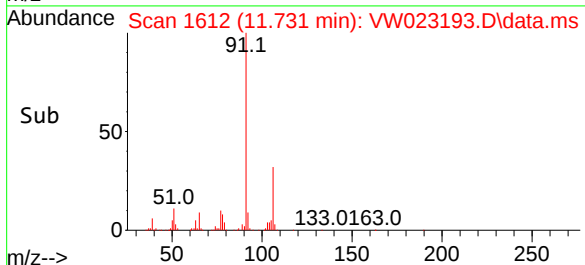
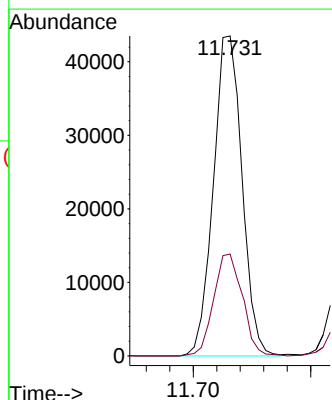
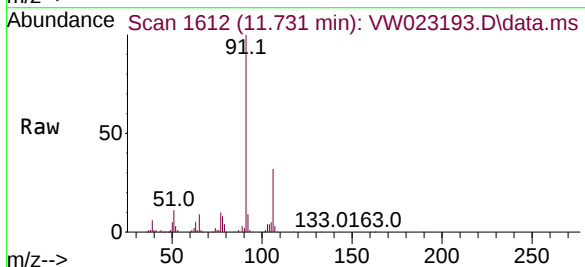
Acq: 20 May 2022 12:57

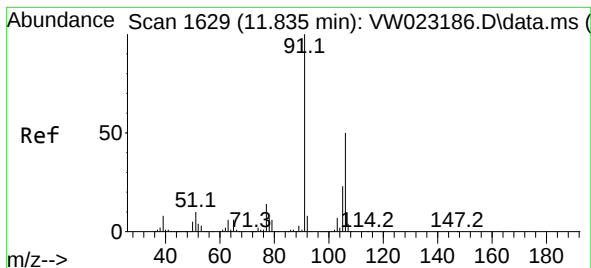
Tgt Ion: 91 Resp: 73730

Ion Ratio Lower Upper

91 100

106 31.8 22.3 41.3





#53

m,p-Xylene

Concen: 21.123 ug/L

RT: 11.841 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023193.D

Acq: 20 May 2022 12:57

Instrument :

MSVOA_W

ClientSampleId :

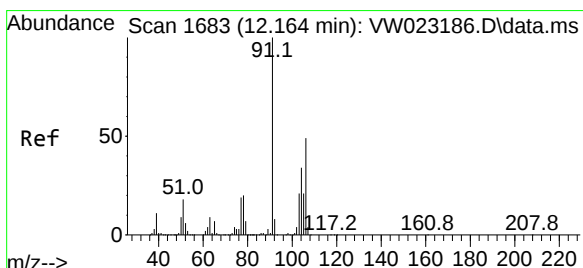
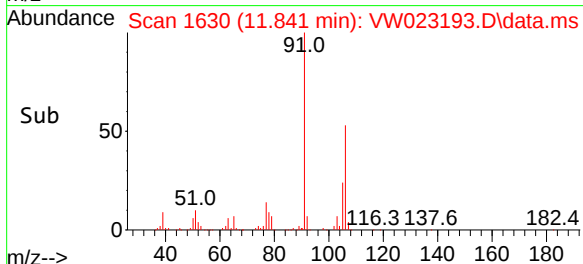
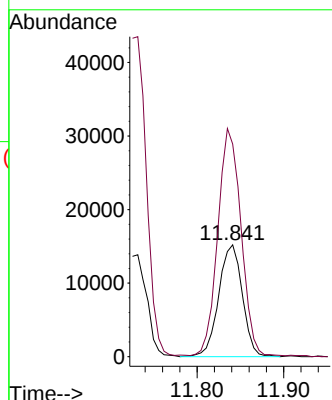
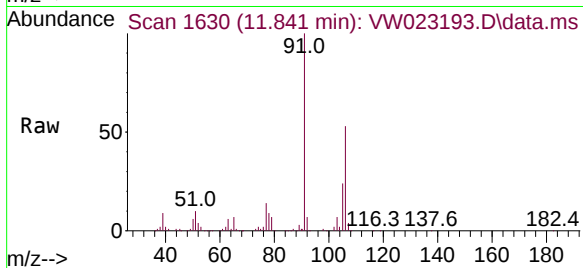
EXY11MSD

Tgt Ion:106 Resp: 28824

Ion Ratio Lower Upper

106 100

91 190.0 136.8 254.0



#54

o-Xylene

Concen: 21.370 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW023193.D

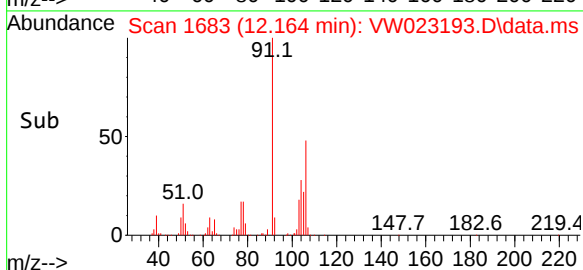
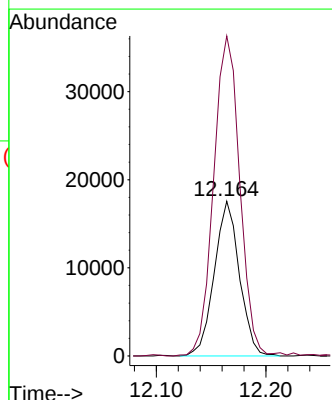
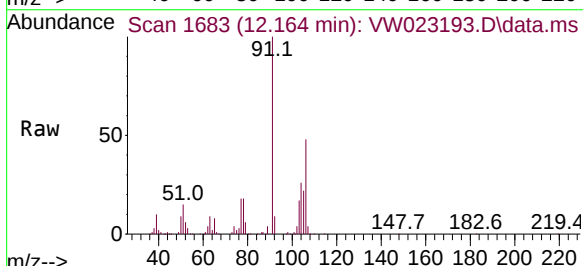
Acq: 20 May 2022 12:57

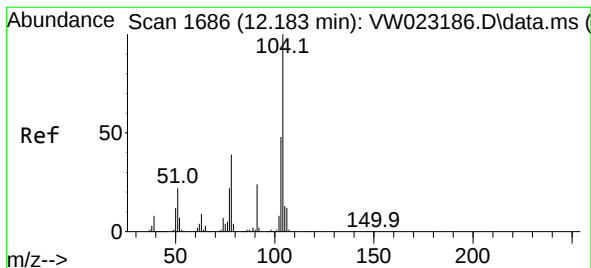
Tgt Ion:106 Resp: 27984

Ion Ratio Lower Upper

106 100

91 206.8 147.2 273.4





#55

Styrene

Concen: 20.156 ug/L

RT: 12.182 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023193.D

Acq: 20 May 2022 12:57

Instrument :

MSVOA_W

ClientSampleId :

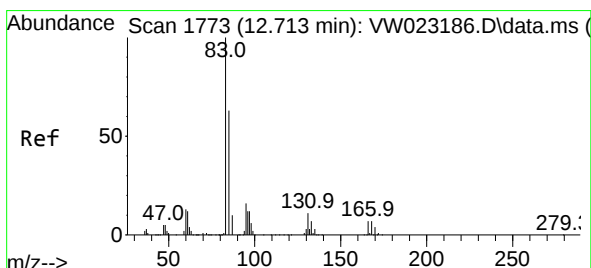
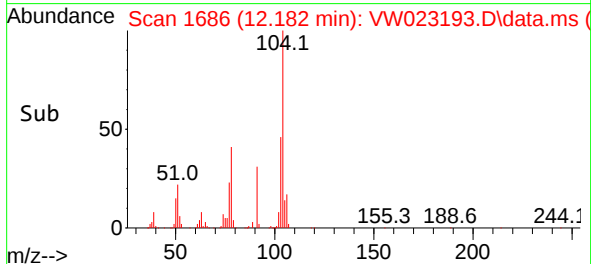
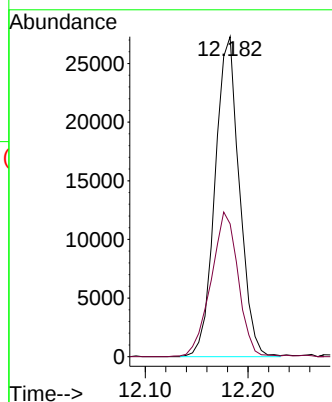
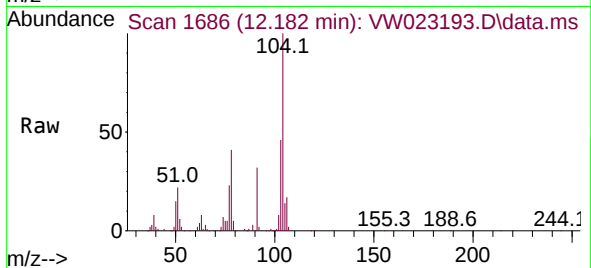
EXY11MSD

Tgt Ion:104 Resp: 44850

Ion Ratio Lower Upper

104 100

78 41.5 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 23.764 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023193.D

Acq: 20 May 2022 12:57

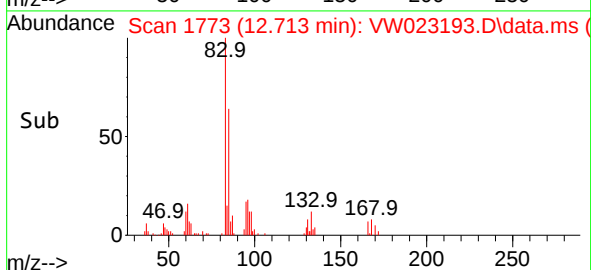
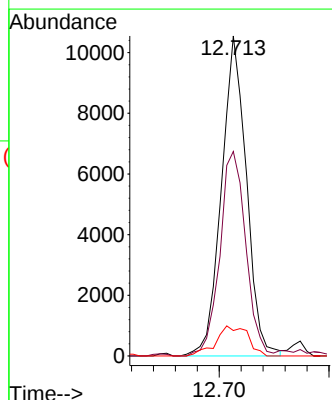
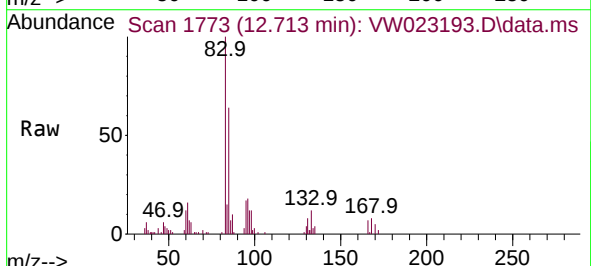
Tgt Ion: 83 Resp: 16679

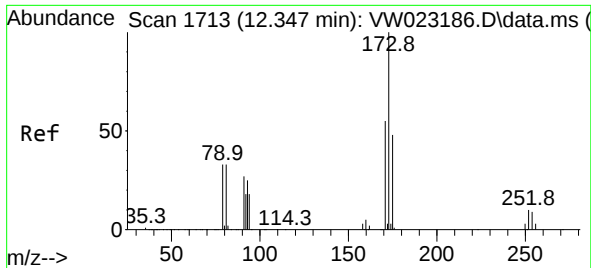
Ion Ratio Lower Upper

83 100

85 63.9 47.5 88.1

131 10.5 8.7 13.1

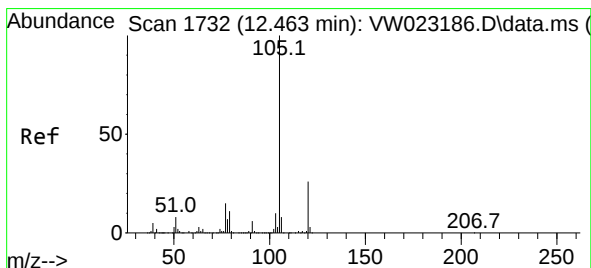
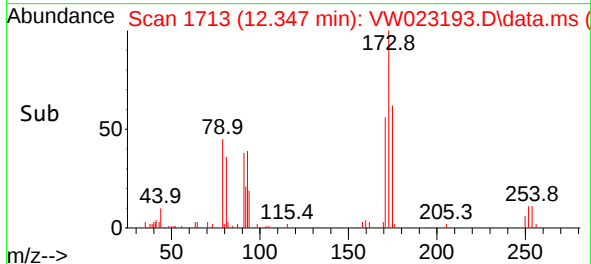
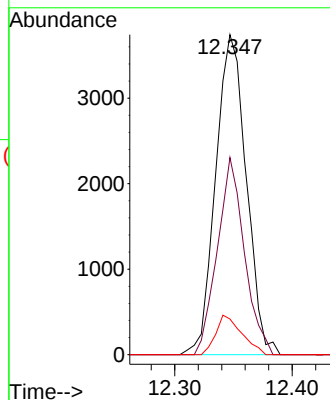
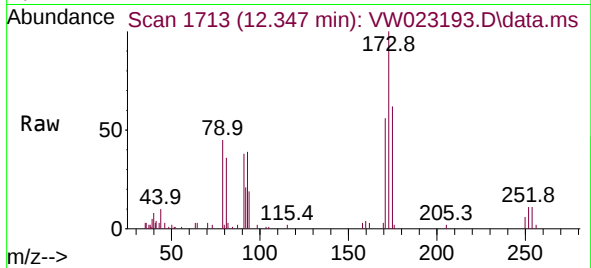




#59
Bromoform
Concen: 22.684 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

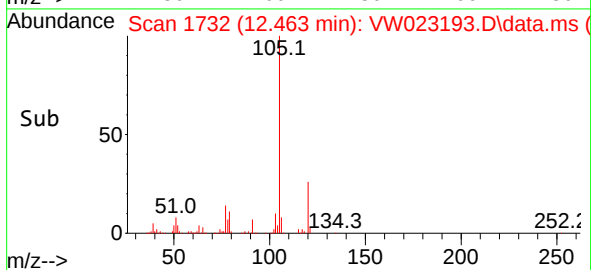
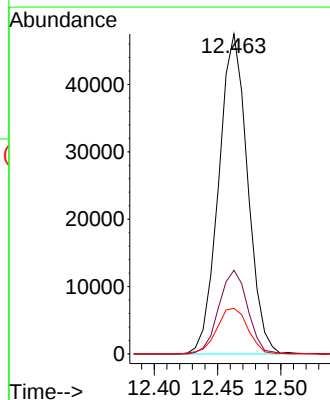
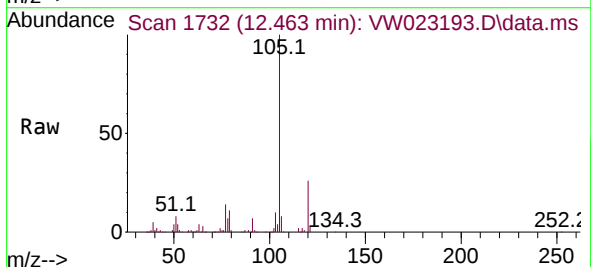
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

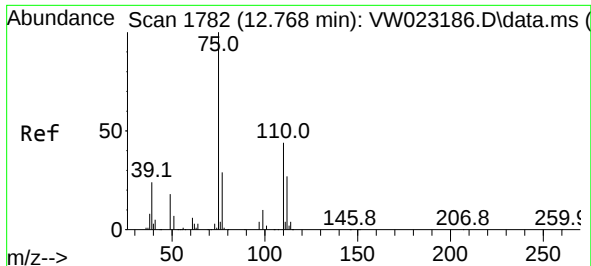
Tgt Ion:173 Resp: 6768
Ion Ratio Lower Upper
173 100
175 54.6 38.1 57.1
254 10.5 6.5 9.7#



#60
Isopropylbenzene
Concen: 26.120 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion:105 Resp: 75335
Ion Ratio Lower Upper
105 100
120 26.0 21.3 31.9
77 15.5 12.6 19.0

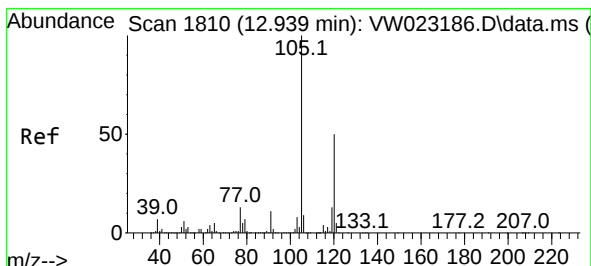
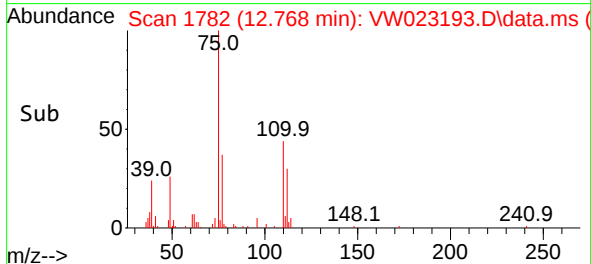
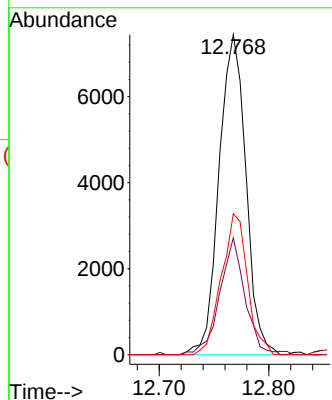
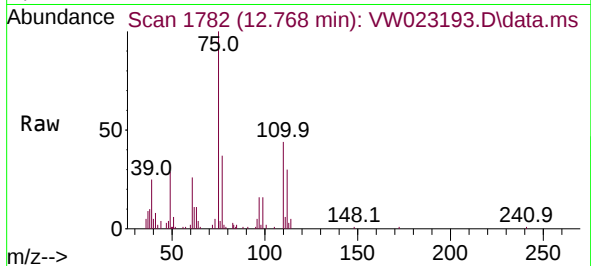




#61
1,2,3-Trichloropropane
Concen: 30.131 ug/L
RT: 12.768 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

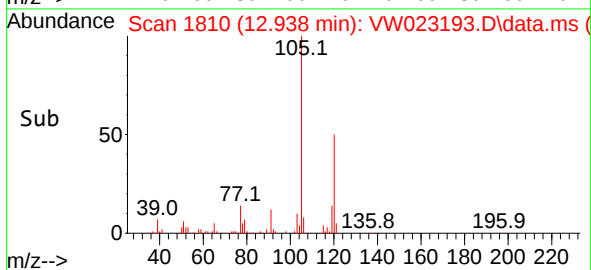
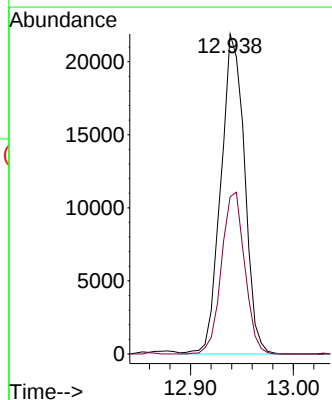
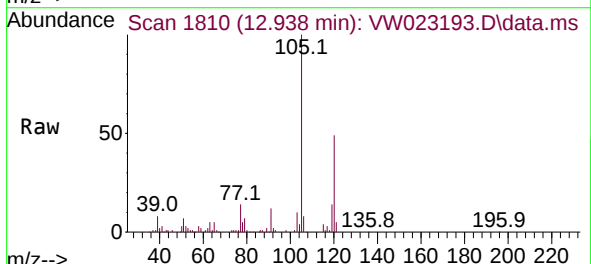
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

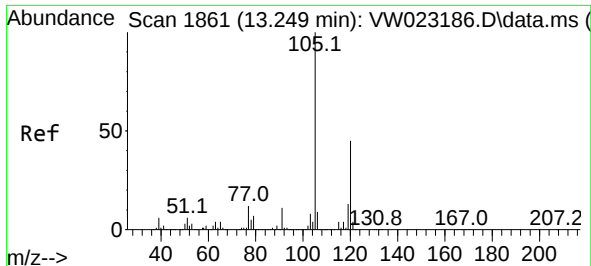
Tgt Ion: 75 Resp: 12675
Ion Ratio Lower Upper
75 100
77 34.0 26.2 39.2
110 42.9 34.1 51.1



#62
1,3,5-Trimethylbenzene
Concen: 21.786 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion: 105 Resp: 34958
Ion Ratio Lower Upper
105 100
120 49.7 38.9 58.3

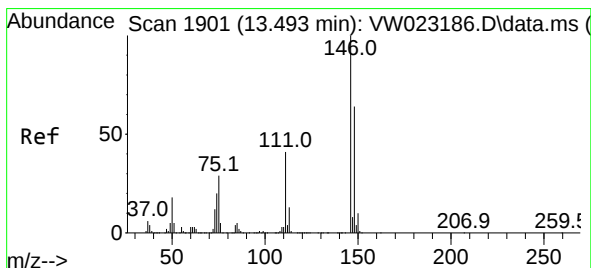
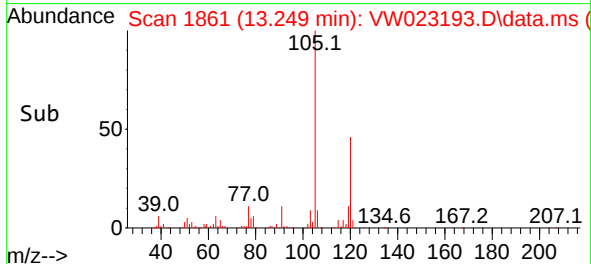
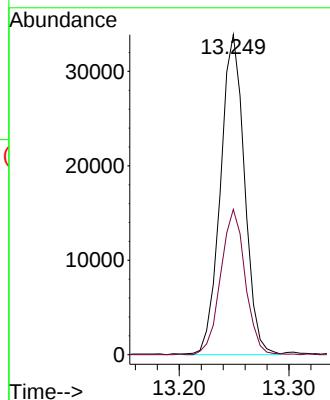
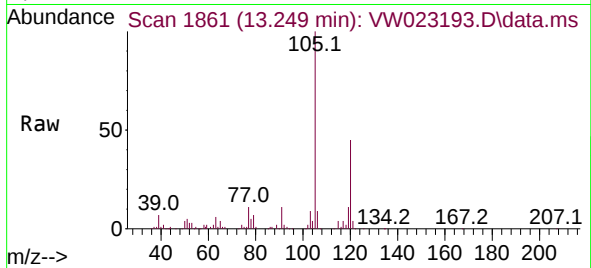




#63
1,2,4-Trimethylbenzene
Concen: 21.477 ug/L
RT: 13.249 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

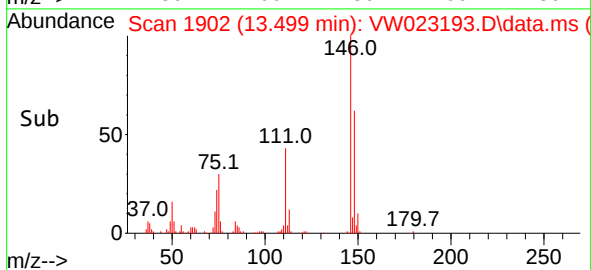
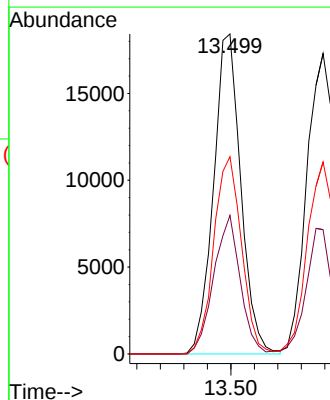
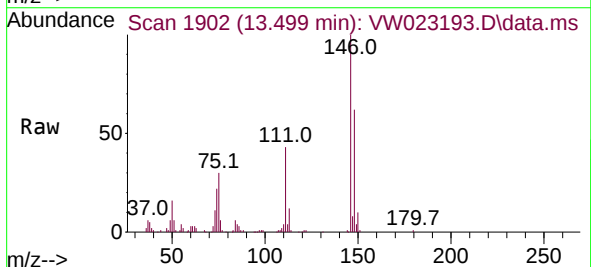
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

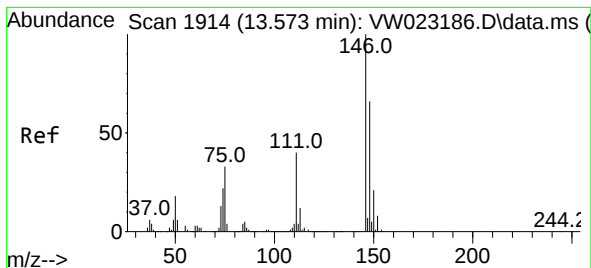
Tgt Ion:105 Resp: 51744
Ion Ratio Lower Upper
105 100
120 46.0 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 23.144 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion:146 Resp: 29803
Ion Ratio Lower Upper
146 100
111 43.3 29.5 54.9
148 61.6 48.6 90.2





#65

1,4-Dichlorobenzene

Concen: 21.908 ug/L

RT: 13.579 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VW023193.D

Acq: 20 May 2022 12:57

Instrument :

MSVOA_W

ClientSampleId :

EXY11MSD

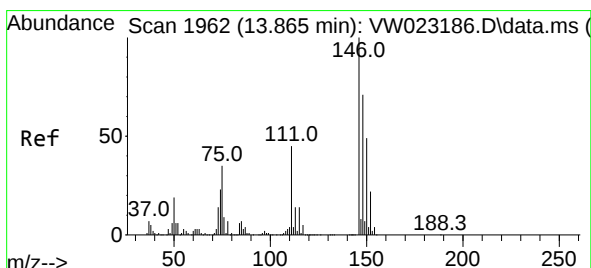
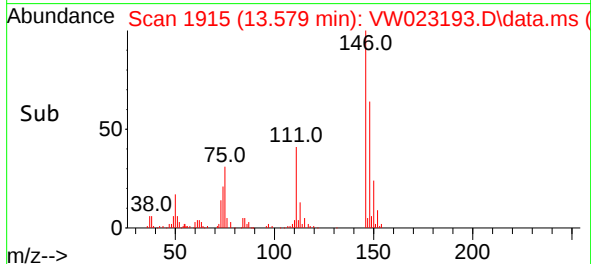
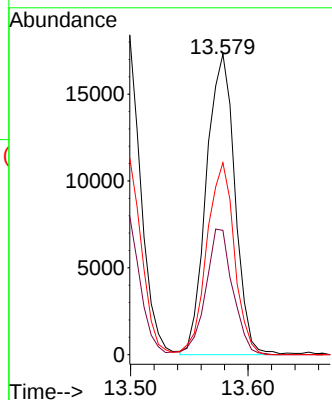
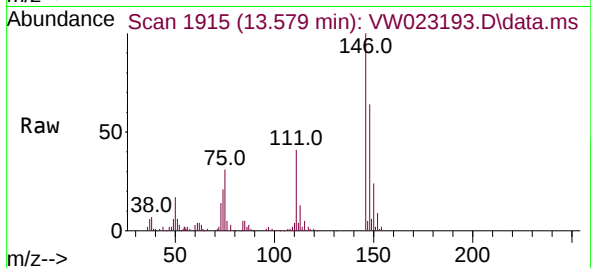
Tgt Ion:146 Resp: 29139

Ion Ratio Lower Upper

146 100

111 41.4 27.2 50.4

148 63.9 44.0 81.6



#67

1,2-Dichlorobenzene

Concen: 22.320 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW023193.D

Acq: 20 May 2022 12:57

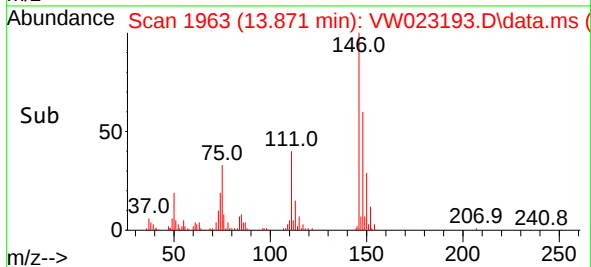
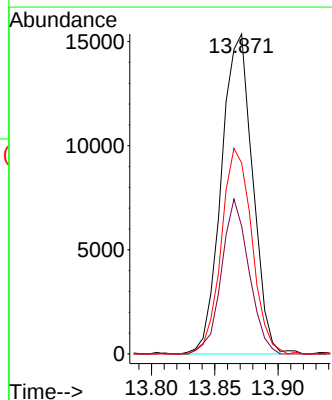
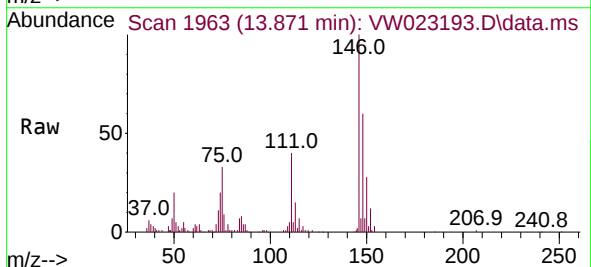
Tgt Ion:146 Resp: 26301

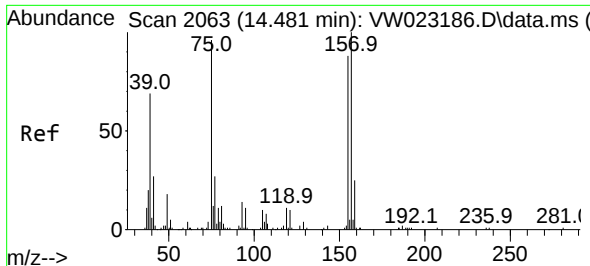
Ion Ratio Lower Upper

146 100

111 40.0 35.7 53.5

148 59.6 52.6 79.0





#68

1,2-Dibromo-3-chloropropane

Concen: 20.689 ug/L

RT: 14.487 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VW023193.D

Acq: 20 May 2022 12:57

Instrument :

MSVOA_W

ClientSampleId :

EXY11MSD

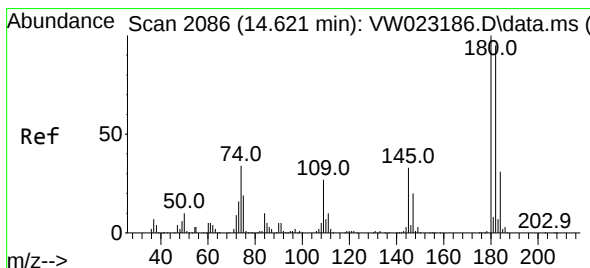
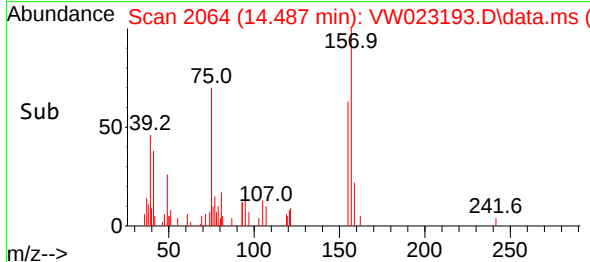
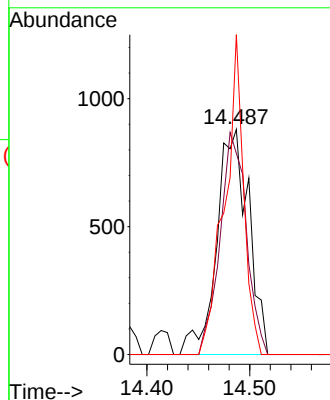
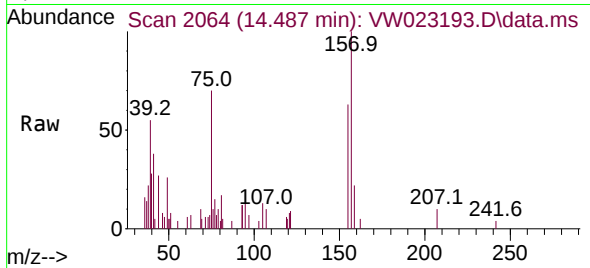
Tgt Ion: 75 Resp: 1902

Ion Ratio Lower Upper

75 100

155 89.3 59.3 88.9#

157 142.0 89.8 134.8#



#69

1,3,5-Trichlorobenzene

Concen: 15.191 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.006 min

Lab File: VW023193.D

Acq: 20 May 2022 12:57

Tgt Ion:180 Resp: 12985

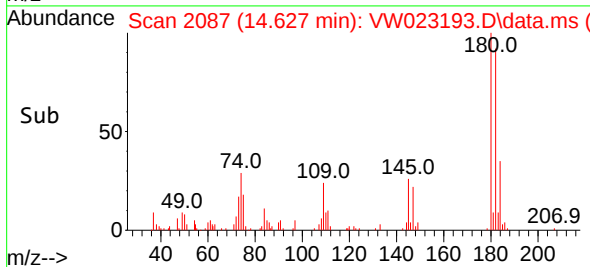
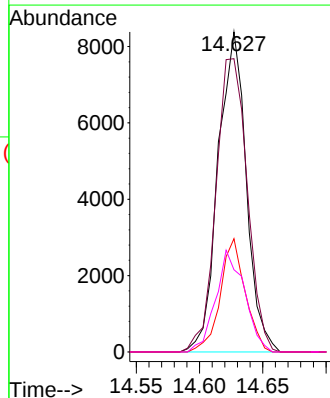
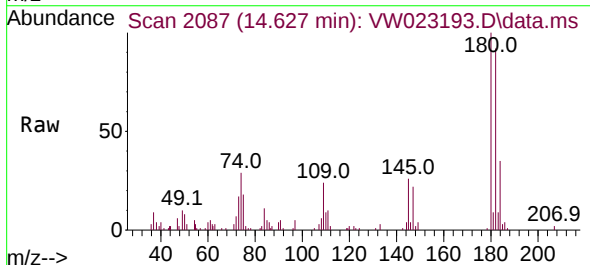
Ion Ratio Lower Upper

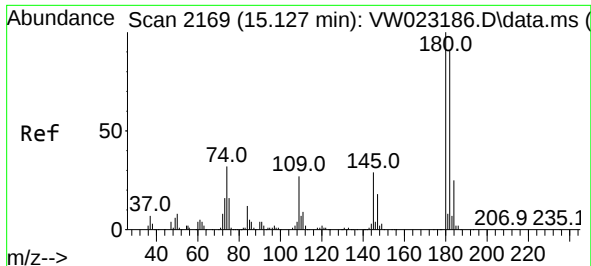
180 100

182 101.6 74.8 112.2

184 31.4 23.4 35.2

145 32.6 26.5 39.7

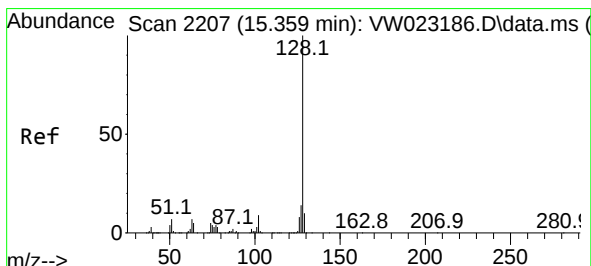
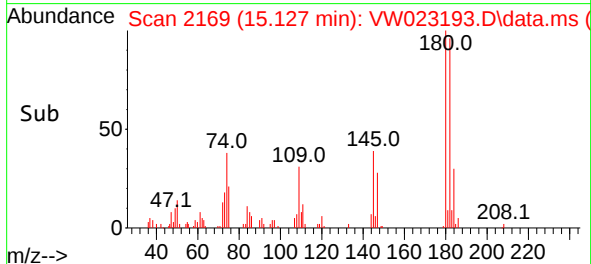
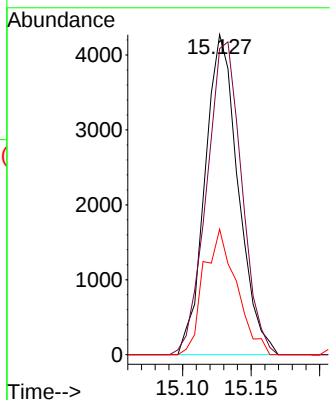
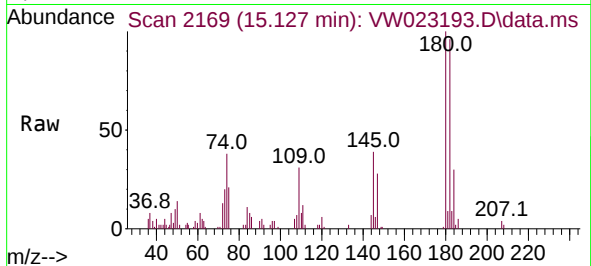




#70
1,2,4-trichlorobenzene
Concen: 10.502 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

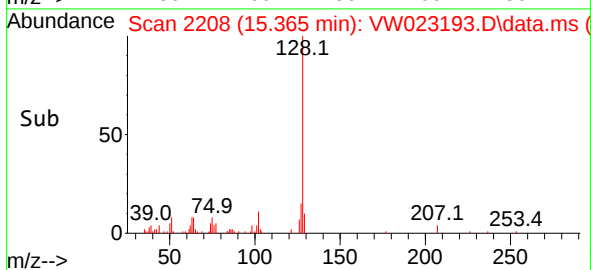
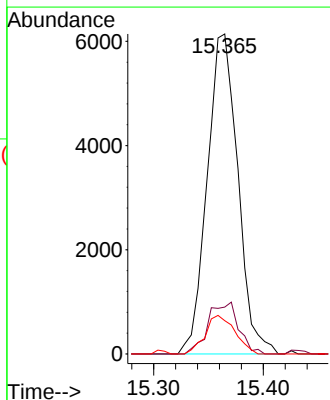
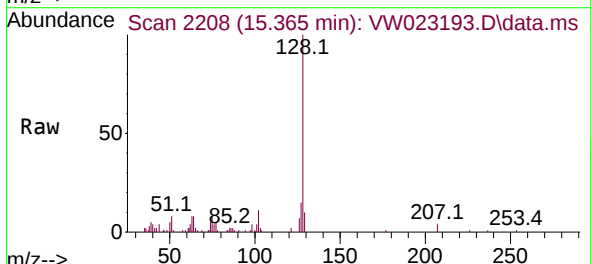
Instrument :
MSVOA_W
ClientSampleId :
EXY11MSD

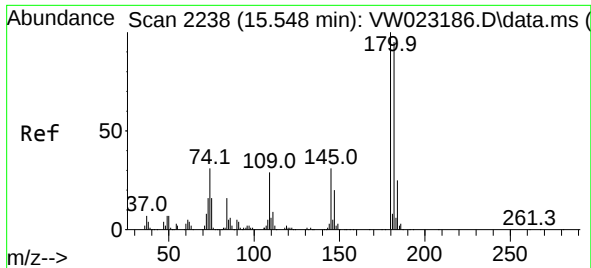
Tgt Ion:180 Resp: 7221
Ion Ratio Lower Upper
180 100
182 102.7 74.9 112.3
145 38.7 26.6 39.8



#71
Naphthalene
Concen: 7.992 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW023193.D
Acq: 20 May 2022 12:57

Tgt Ion:128 Resp: 11943
Ion Ratio Lower Upper
128 100
127 8.8 10.6 16.0#
129 0.0 8.7 13.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 7.919 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW023193.D
 Acq: 20 May 2022 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 EXY11MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	73.5	110.3
145	35.9	27.9	41.9

