

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050922\
 Data File : VW022933.D
 Acq On : 09 May 2022 16:28
 Operator : SY/VA
 Sample : N2713-14REMSD
 Misc : 5.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBSL3MSD

Quant Time: May 09 22:59:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 09 22:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	376528	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	375460	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	210833	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	103947	13.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.840%
7) Chloroethane-d5	2.885	69	94061	18.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.880%
11) 1,1-Dichloroethene-d2	4.025	63	161737	16.204	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.800%
21) 2-Butanone-d5	7.079	46	45213	30.783	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.560%
24) Chloroform-d	7.652	84	209812	19.020	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.080%
26) 1,2-Dichloroethane-d4	8.311	65	102985	17.022	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.080%#
32) Benzene-d6	8.274	84	376756	17.409	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.640%
36) 1,2-Dichloropropane-d6	9.274	67	112272	18.469	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.880%
41) Toluene-d8	10.323	98	363728	17.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.600%
43) trans-1,3-Dichloroprop...	10.579	79	46282	16.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.120%
47) 2-Hexanone-d5	10.926	63	37540	32.348	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.700%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	99640	17.585	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.360%
66) 1,2-Dichlorobenzene-d4	13.846	152	137952	18.718	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	33890	16.511	ug/L	89
3) Chloromethane	2.220	50	72536	18.288	ug/L	100
5) Vinyl chloride	2.361	62	142868	17.948	ug/L	98
6) Bromomethane	2.781	94	89159	17.445	ug/L	89
8) Chloroethane	2.922	64	82376	21.456	ug/L	96
9) Trichlorofluoromethane	3.263	101	73735	20.267	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	96931	17.818	ug/L	94
12) 1,1-Dichloroethene	4.037	96	87624	18.170	ug/L	89
13) Acetone	4.123	43	23705	21.557	ug/L	96
14) Carbon disulfide	4.385	76	207814	15.718	ug/L	99
15) Methyl Acetate	4.671	43	31371	14.200	ug/L	98
16) Methylene chloride	4.921	84	103867	18.852	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	98683	18.184	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	150528	18.170	ug/L	100
19) 1,1-Dichloroethane	6.214	63	181567	19.740	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	111486	19.126	ug/L #	97
22) 2-Butanone	7.171	43	40374	26.253	ug/L	98
23) Bromochloromethane	7.518	128	47572	17.427	ug/L	94
25) Chloroform	7.677	83	205030	20.159	ug/L	96

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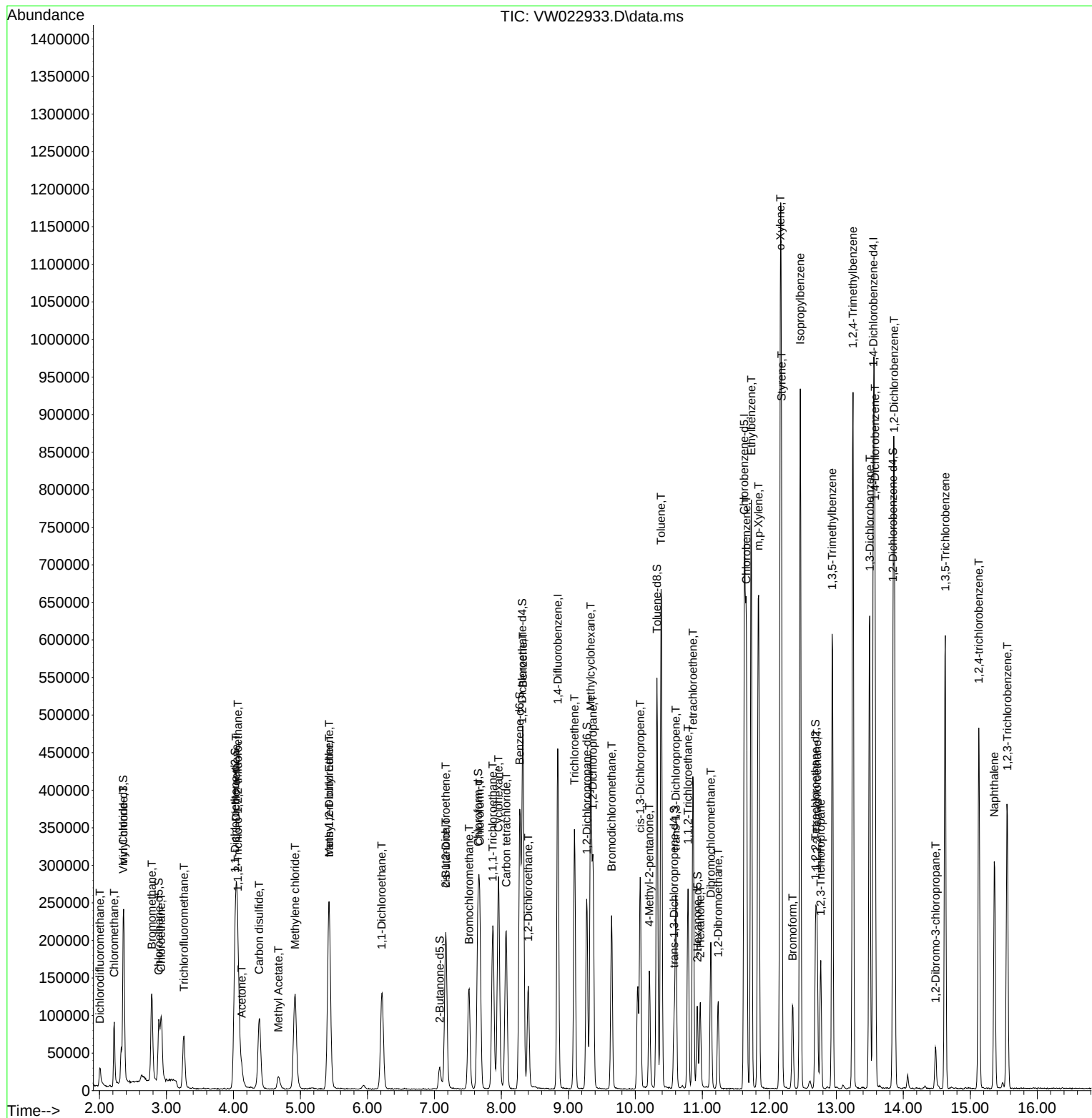
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	120852	17.826	ug/L	99
29) Cyclohexane	7.957	56	148434	18.280	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	176927	19.940	ug/L	100
31) Carbon tetrachloride	8.073	117	159926	19.268	ug/L	100
33) Benzene	8.323	78	422713	19.111	ug/L	100
34) Trichloroethene	9.091	95	115867	19.048	ug/L	99
35) Methylcyclohexane	9.335	83	182804	18.293	ug/L	98
37) 1,2-Dichloropropane	9.366	63	101282	18.922	ug/L	100
38) Bromodichloromethane	9.646	83	143909	18.929	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	158494	19.097	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	96783	28.687	ug/L	99
42) Toluene	10.384	91	490168	19.774	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	134427	18.146	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	80066	17.893	ug/L	97
46) Tetrachloroethene	10.859	164	82831	18.120	ug/L	96
48) 2-Hexanone	10.969	43	67670	30.020	ug/L	99
49) Dibromochloromethane	11.127	129	96010	17.828	ug/L	99
50) 1,2-Dibromoethane	11.237	107	73158	16.282	ug/L	96
51) Chlorobenzene	11.658	112	319515	19.552	ug/L	99
52) Ethylbenzene	11.731	91	546734	19.826	ug/L	99
53) m,p-Xylene	11.841	106	217896	20.053	ug/L	99
54) o-Xylene	12.164	106	208793	20.024	ug/L	91
55) Styrene	12.182	104	369163	20.835	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	92235	16.503	ug/L	99
59) Bromoform	12.347	173	45940	15.375	ug/L	93
60) Isopropylbenzene	12.463	105	587874	20.354	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	64855	15.395	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	325739	20.271	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	498690	20.669	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	252512	19.581	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	250616	18.815	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	227822	19.306	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.480	75	13438	14.596	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	173119	20.224	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	136937	19.887	ug/L	98
71) Naphthalene	15.358	128	256318	17.127	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	117346	19.228	ug/L	98

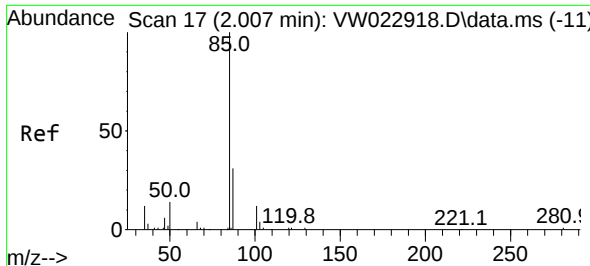
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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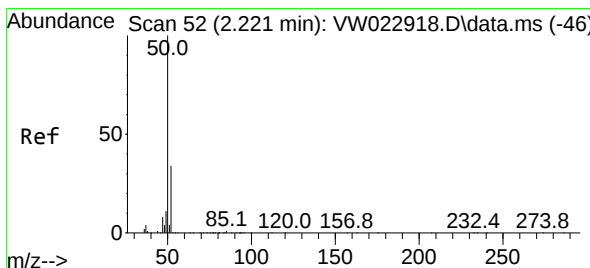
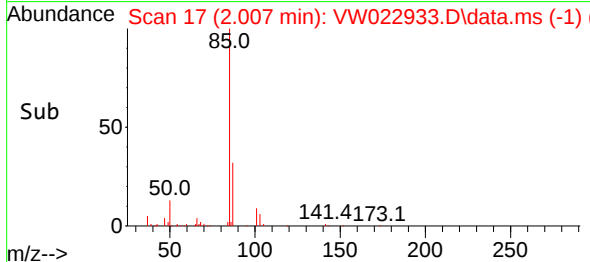
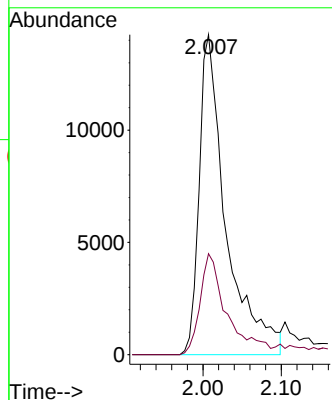
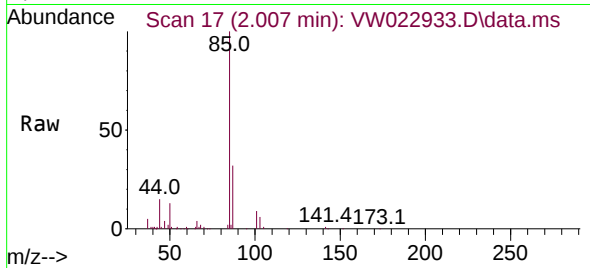




#2
 Dichlorodifluoromethane
 Concen: 16.511 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022933.D
 Acq: 09 May 2022 16:28

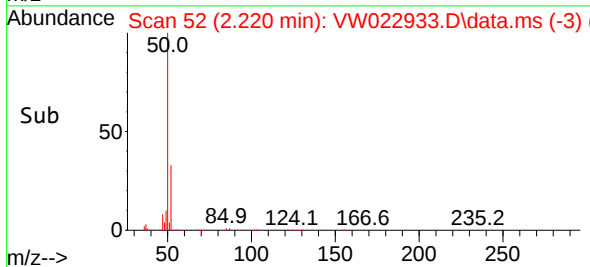
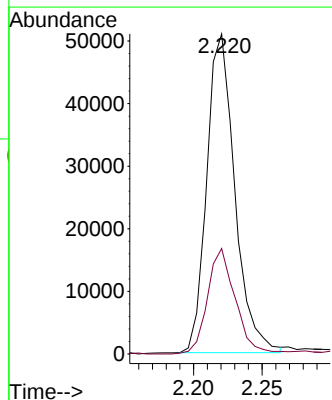
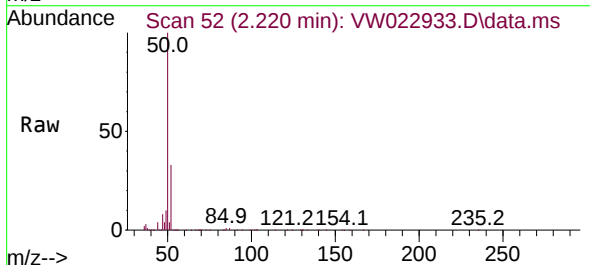
Instrument :
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 ClientSampleId :
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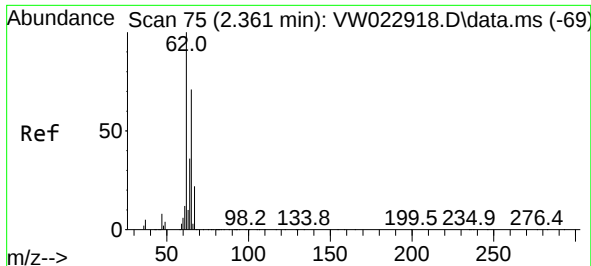
Tgt Ion: 85 Resp: 33890
 Ion Ratio Lower Upper
 85 100
 87 28.5 27.8 41.8



#3
 Chloromethane
 Concen: 18.288 ug/L
 RT: 2.220 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW022933.D
 Acq: 09 May 2022 16:28

Tgt Ion: 50 Resp: 72536
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.1 42.9

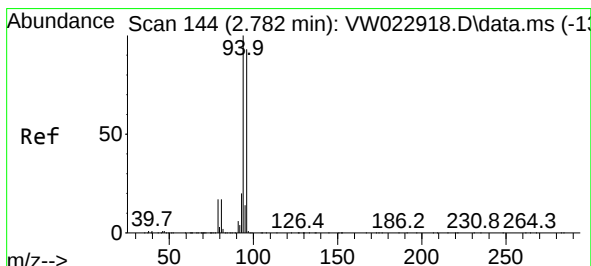
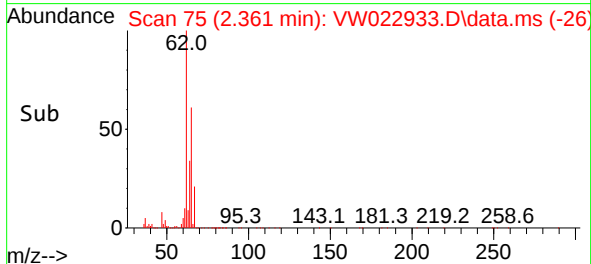
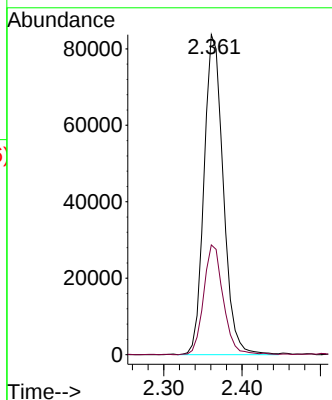
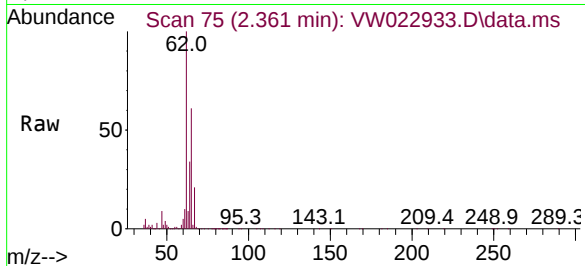




#5
 Vinyl chloride
 Concen: 17.948 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022933.D
 Acq: 09 May 2022 16:28

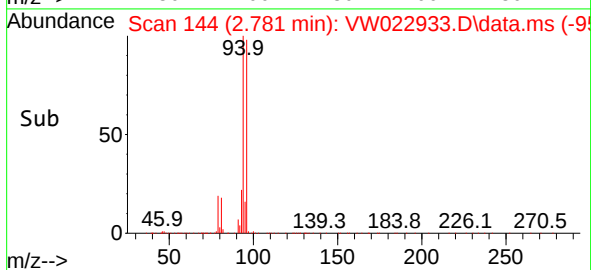
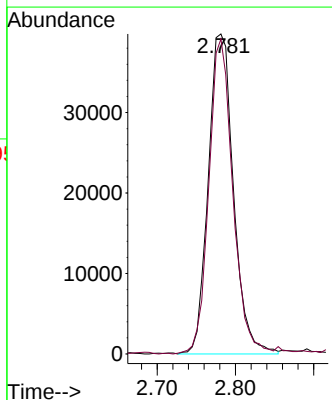
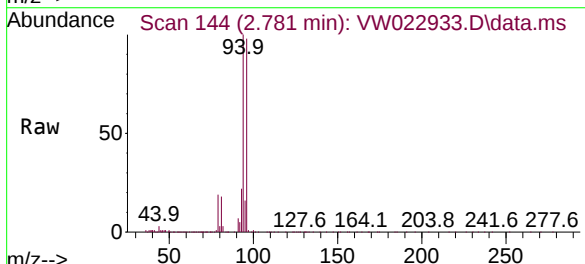
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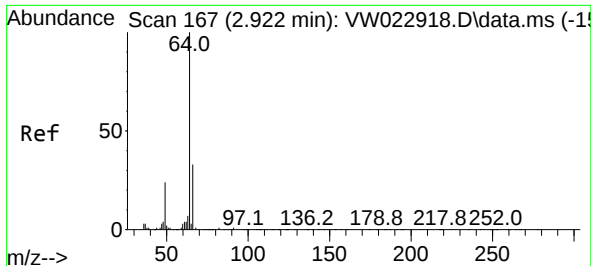
Tgt Ion: 62 Resp: 142868
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.9 46.3



#6
 Bromomethane
 Concen: 17.445 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022933.D
 Acq: 09 May 2022 16:28

Tgt Ion: 94 Resp: 89159
 Ion Ratio Lower Upper
 94 100
 96 98.4 61.7 114.5

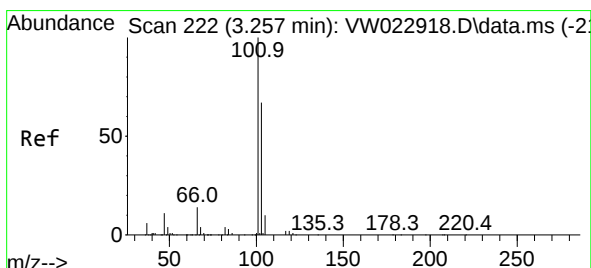
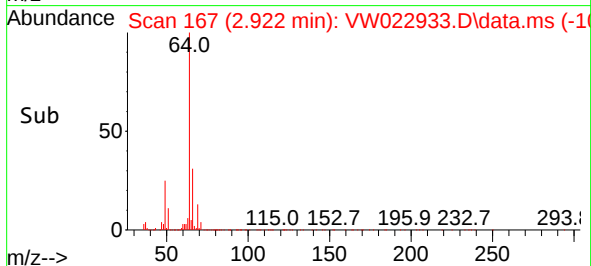
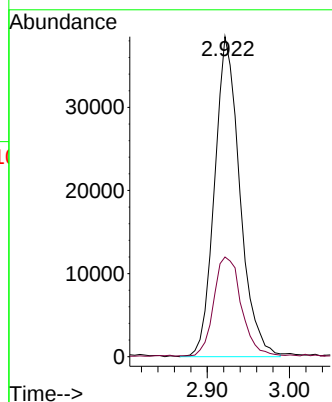
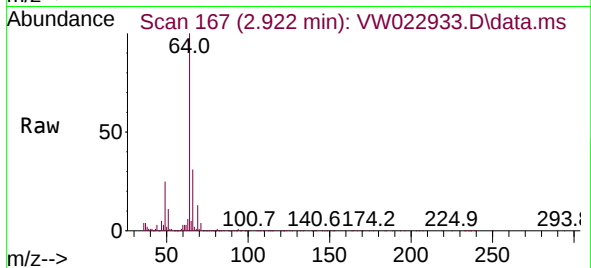




#8
Chloroethane
Concen: 21.456 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

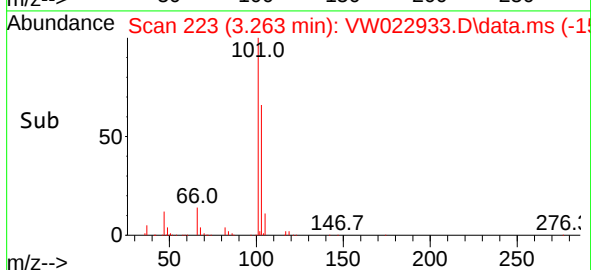
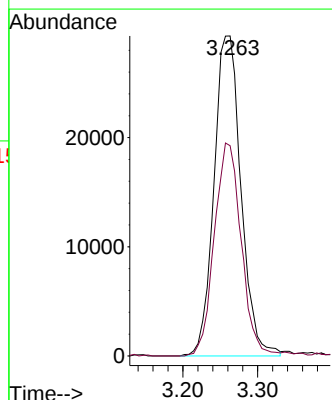
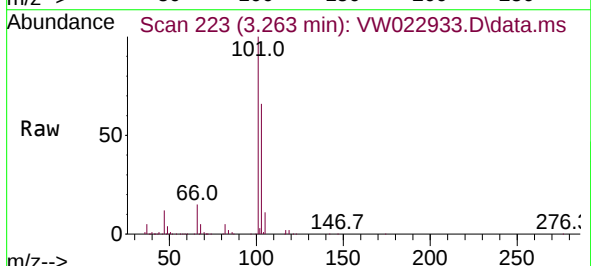
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DBSL3MSD

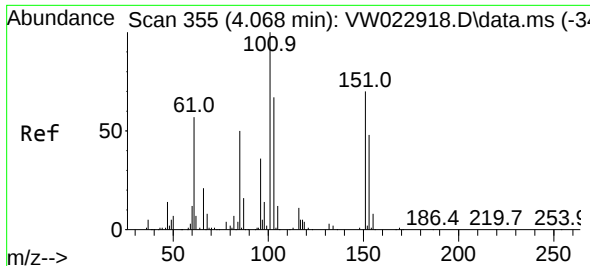
Tgt Ion: 64 Resp: 82376
Ion Ratio Lower Upper
64 100
66 31.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 20.267 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion: 101 Resp: 73735
Ion Ratio Lower Upper
101 100
103 66.1 53.9 80.9

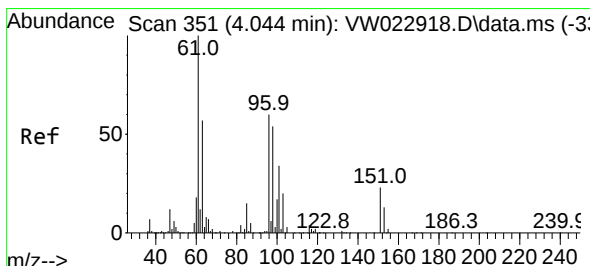
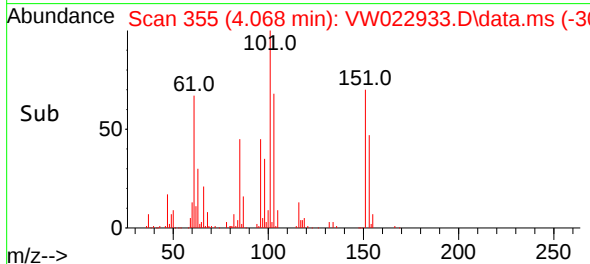
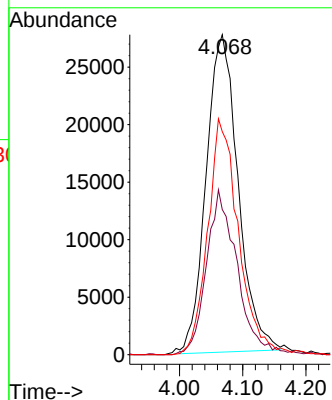
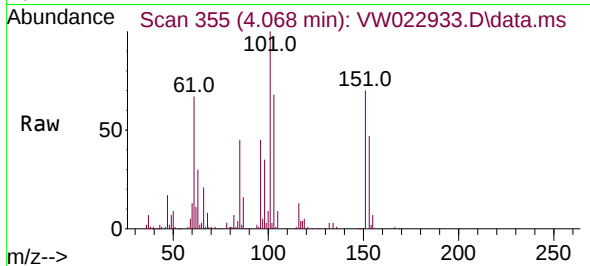




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.818 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW022933.D
 Acq: 09 May 2022 16:28

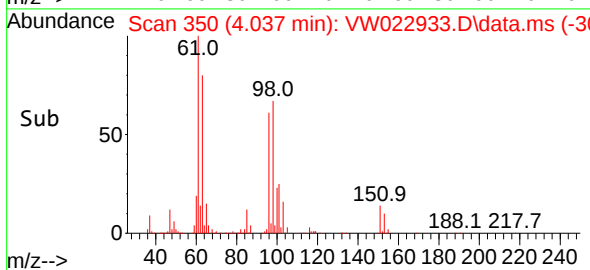
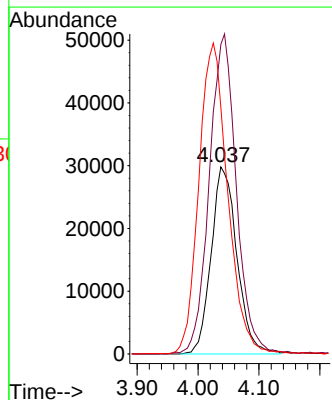
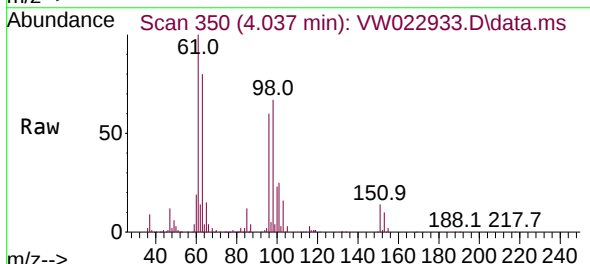
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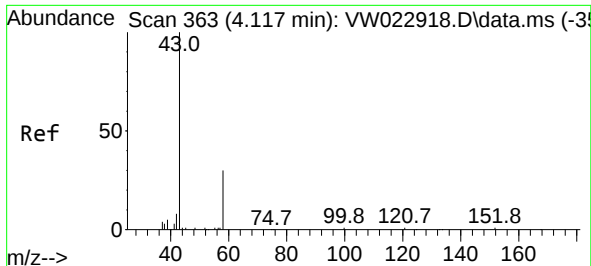
Tgt Ion:101 Resp: 96931
 Ion Ratio Lower Upper
 101 100
 85 48.4 34.3 51.5
 151 70.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 18.170 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022933.D
 Acq: 09 May 2022 16:28

Tgt Ion: 96 Resp: 87624
 Ion Ratio Lower Upper
 96 100
 61 165.5 125.7 233.5
 63 132.0 83.4 155.0

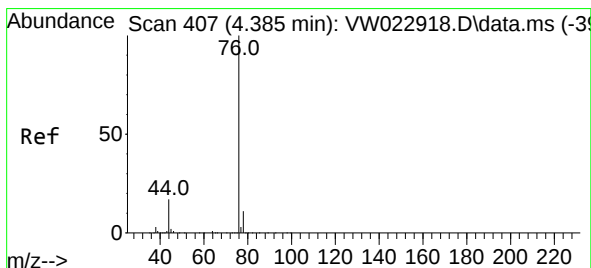
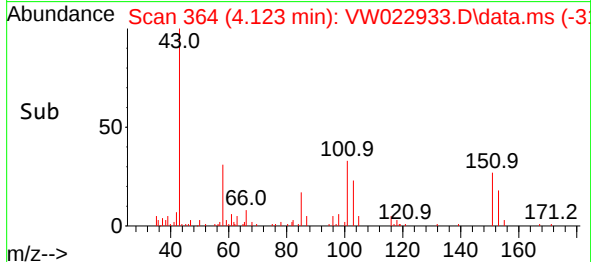
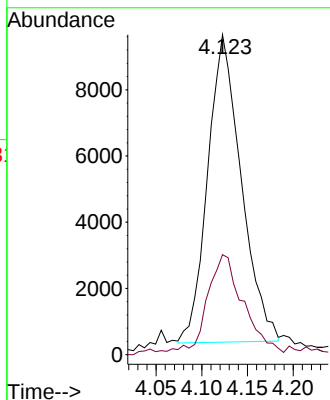
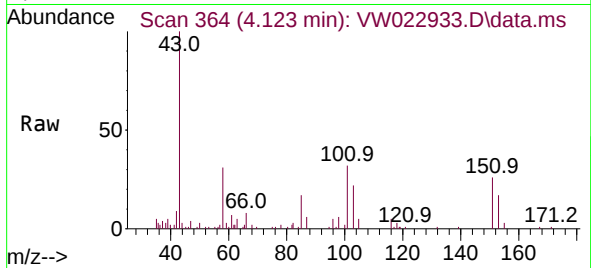




#13
Acetone
Concen: 21.557 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW022933.D
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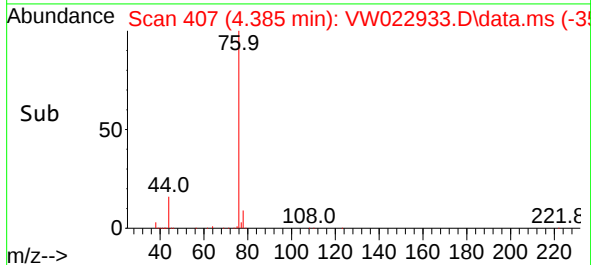
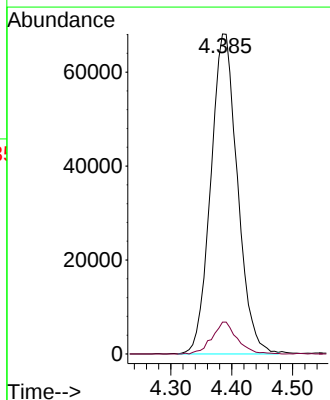
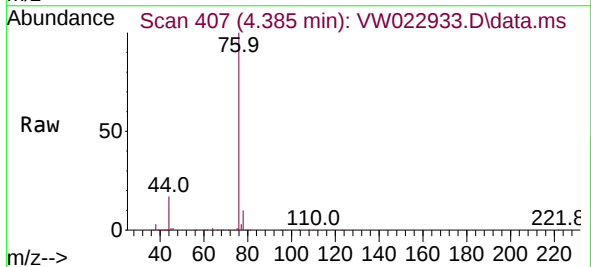
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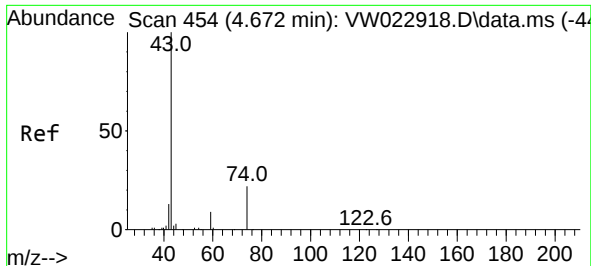
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Ion Ratio Lower Upper
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58 34.3 0.0 64.0



#14
Carbon disulfide
Concen: 15.718 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion: 76 Resp: 207814
Ion Ratio Lower Upper
76 100
78 9.9 7.7 11.5

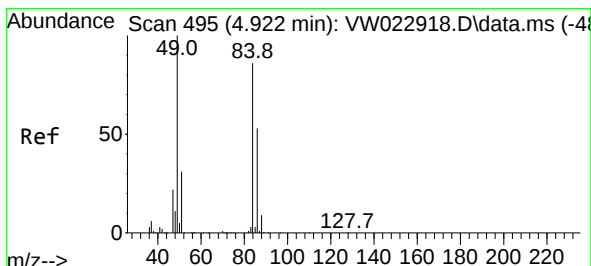
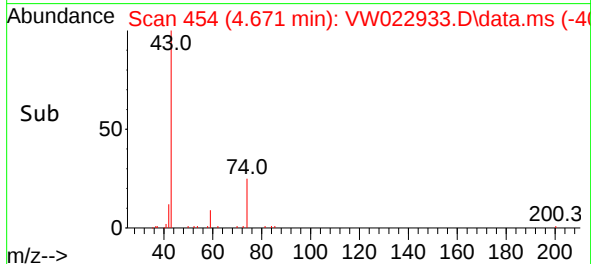
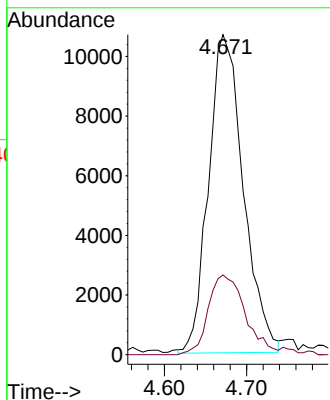
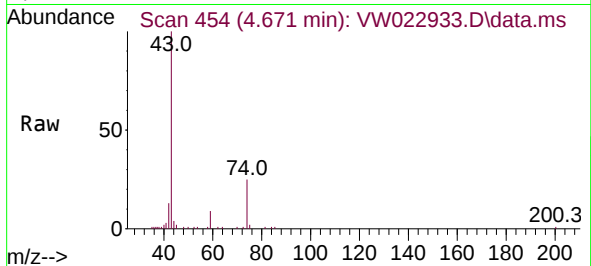




#15
Methyl Acetate
Concen: 14.200 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

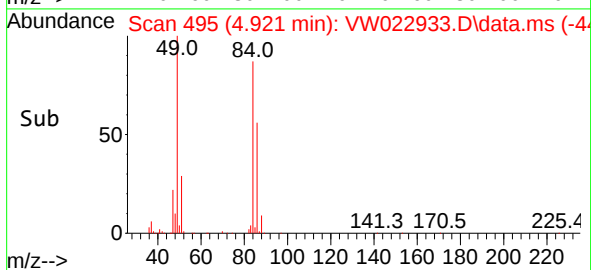
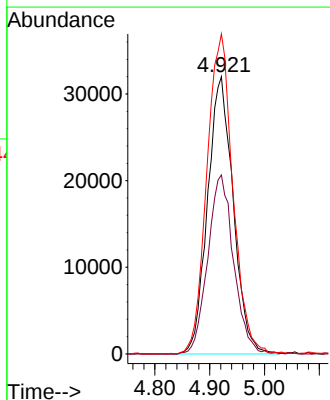
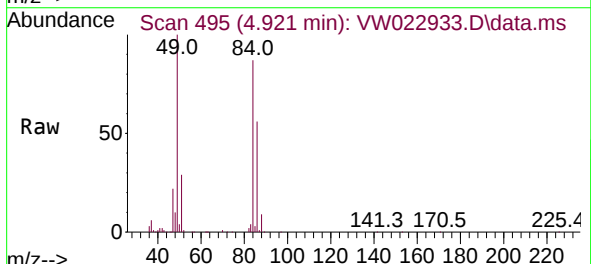
Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

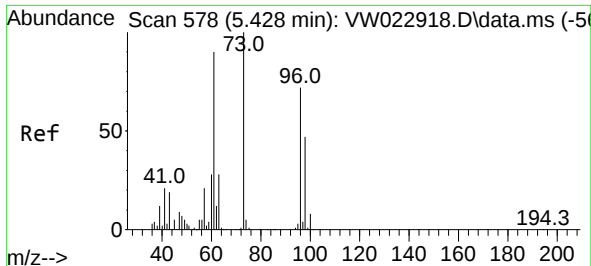
Tgt Ion: 43 Resp: 31371
Ion Ratio Lower Upper
43 100
74 26.5 21.9 32.9



#16
Methylene chloride
Concen: 18.852 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion: 84 Resp: 103867
Ion Ratio Lower Upper
84 100
86 64.5 45.4 84.4
49 115.4 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 18.184 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

Instrument :

MSVOA_W

ClientSampleId :

DBSL3MSD

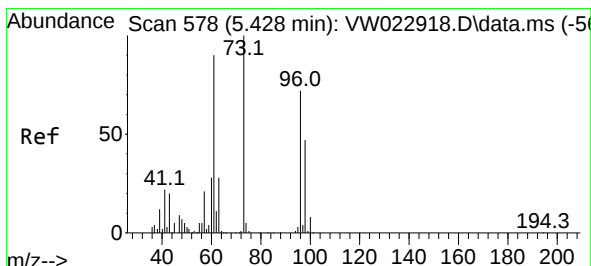
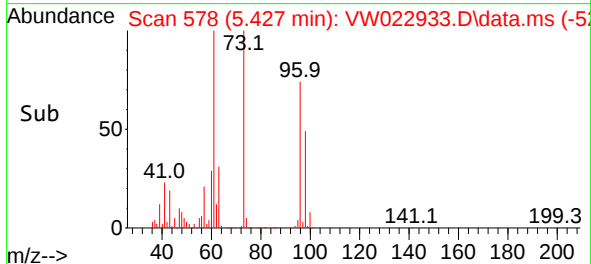
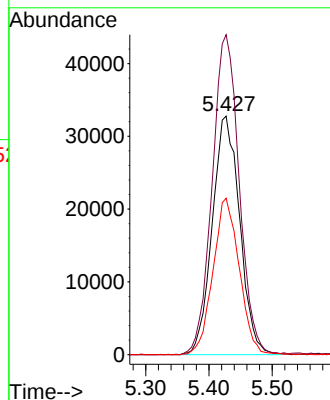
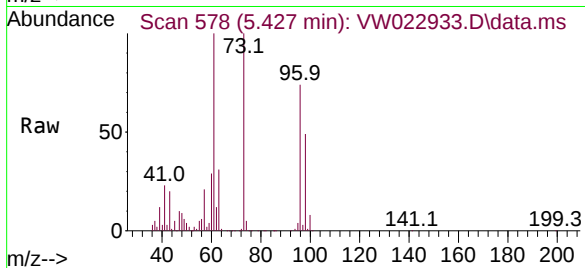
Tgt Ion: 96 Resp: 98683

Ion Ratio Lower Upper

96 100

61 134.1 92.2 171.2

98 65.6 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 18.170 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

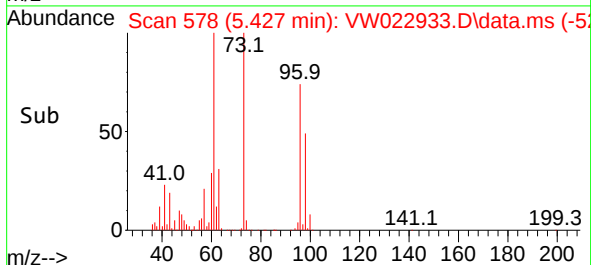
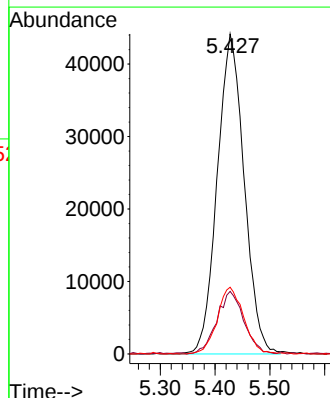
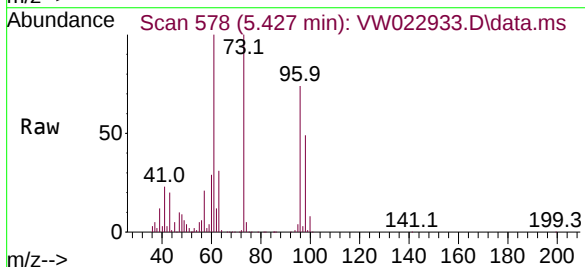
Tgt Ion: 73 Resp: 150528

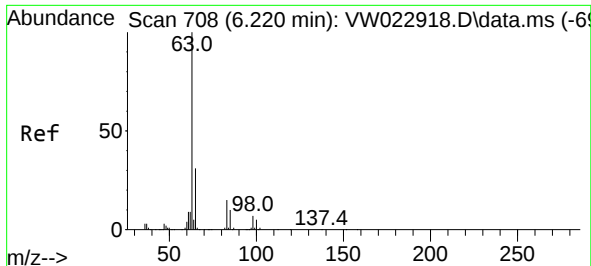
Ion Ratio Lower Upper

73 100

43 19.7 15.9 23.9

57 20.5 16.5 24.7





#19

1,1-Dichloroethane

Concen: 19.740 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

Instrument :

MSVOA_W

ClientSampleId :

DBSL3MSD

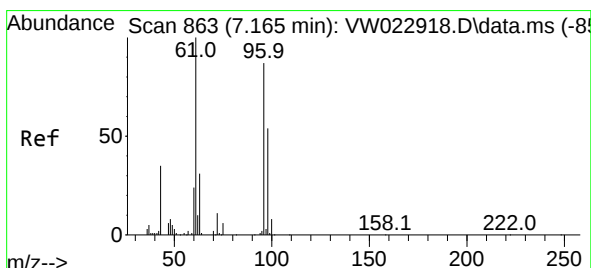
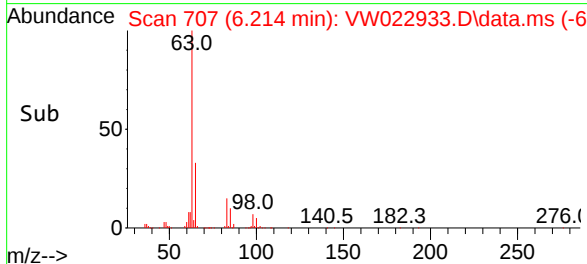
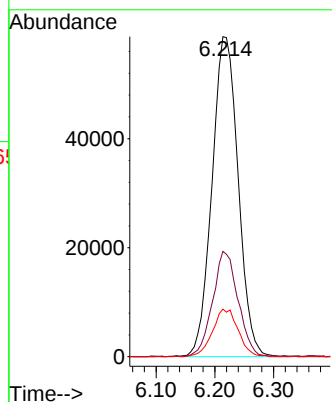
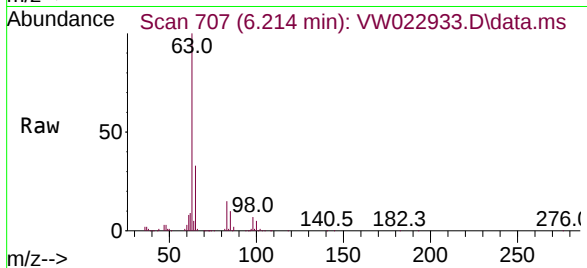
Tgt Ion: 63 Resp: 181567

Ion Ratio Lower Upper

63 100

65 32.9 23.3 43.3

83 14.9 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 19.126 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

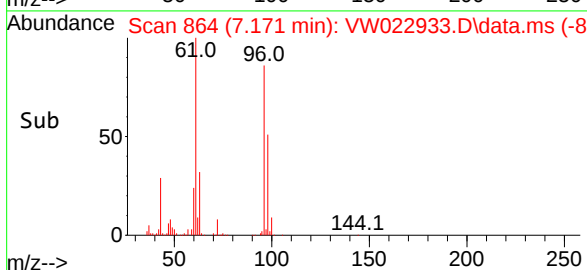
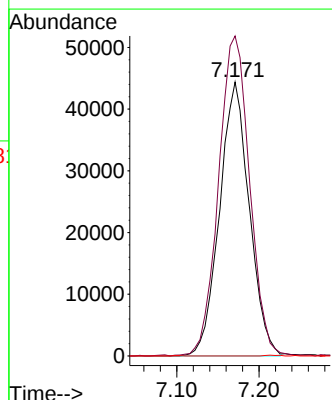
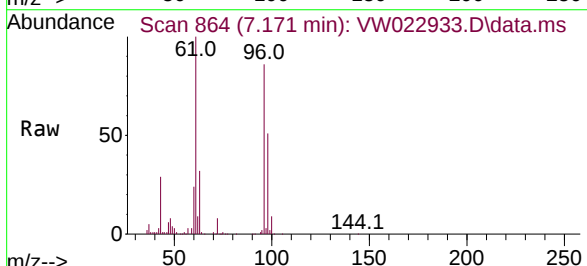
Tgt Ion: 96 Resp: 111486

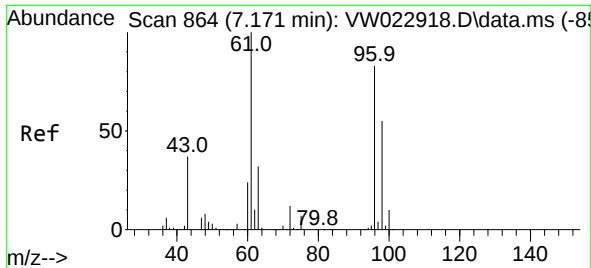
Ion Ratio Lower Upper

96 100

61 116.8 84.2 156.4

68 0.0 0.1 0.1#

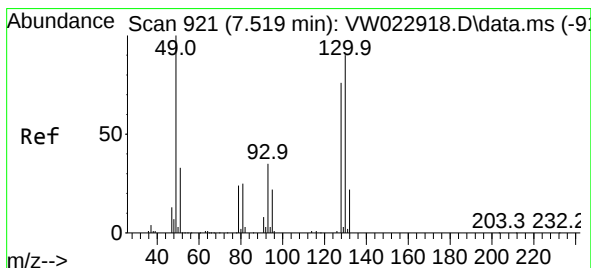
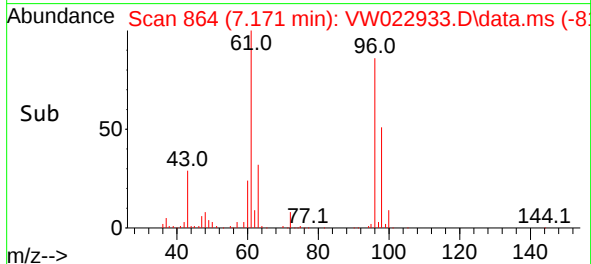
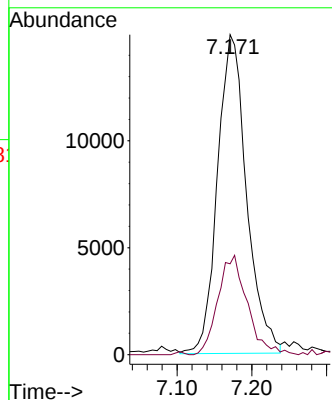
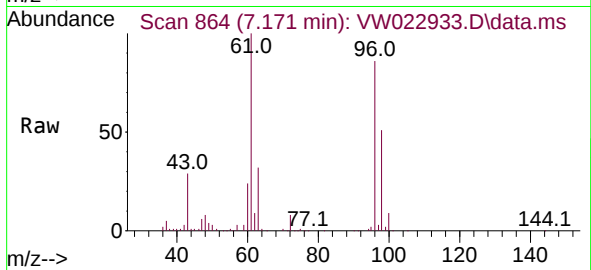




#22
2-Butanone
Concen: 26.253 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

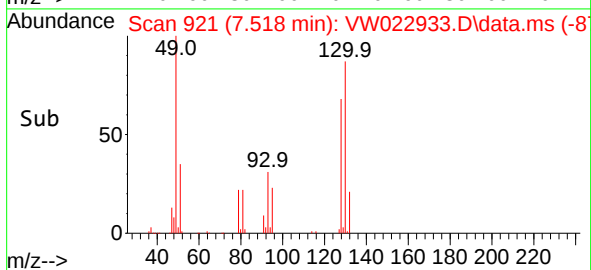
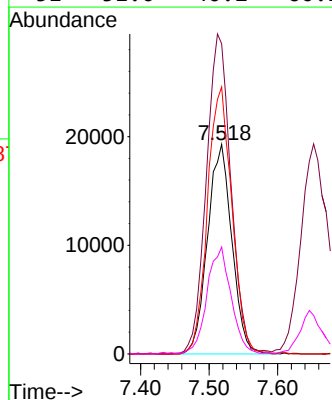
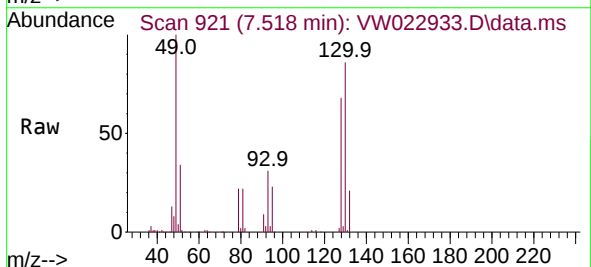
Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

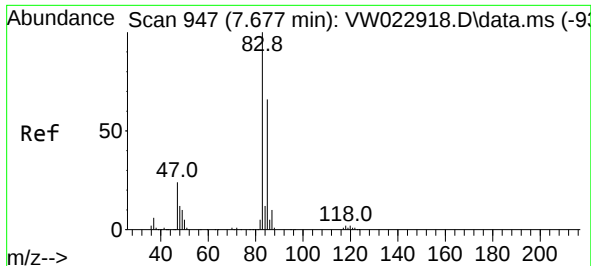
Tgt Ion: 43 Resp: 40374
Ion Ratio Lower Upper
43 100
72 31.1 15.1 45.3



#23
Bromochloromethane
Concen: 17.427 ug/L
RT: 7.518 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion: 128 Resp: 47572
Ion Ratio Lower Upper
128 100
49 148.0 110.0 204.4
130 127.4 94.8 176.0
51 51.0 40.2 60.2

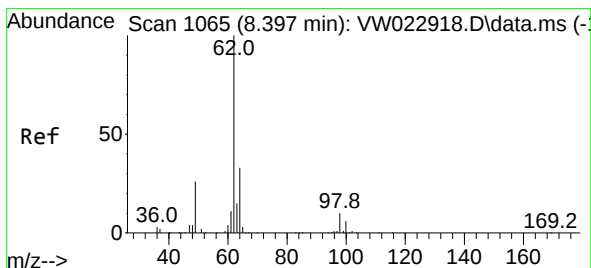
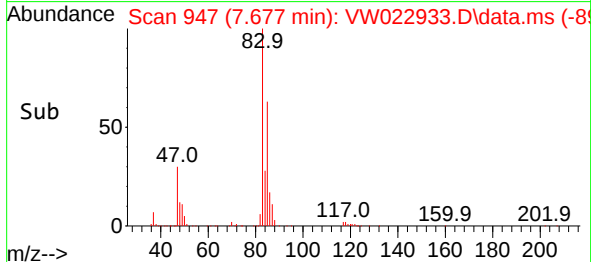
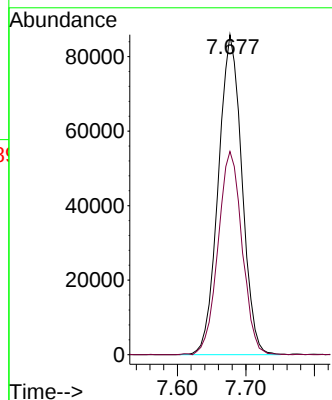
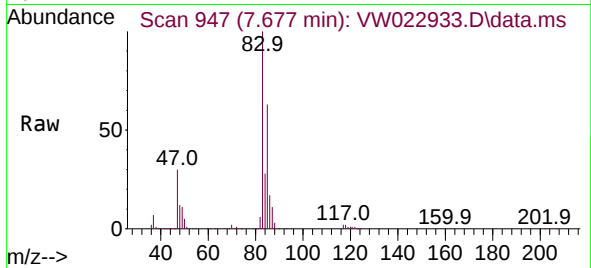




#25
Chloroform
Concen: 20.159 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

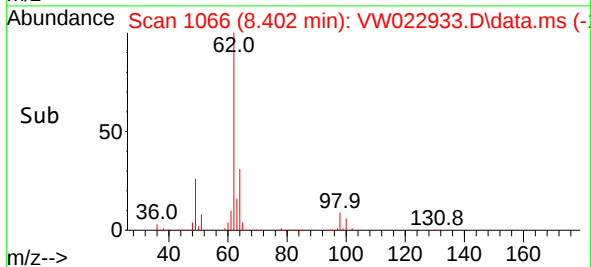
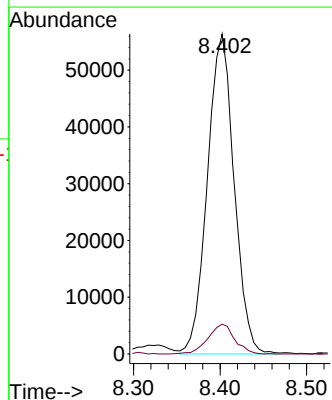
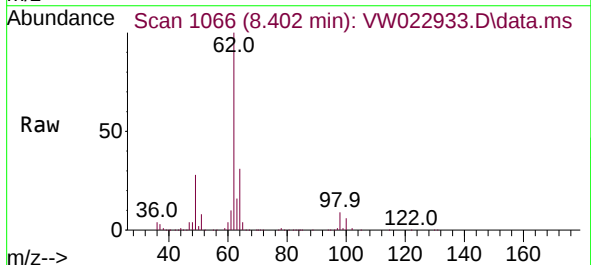
Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

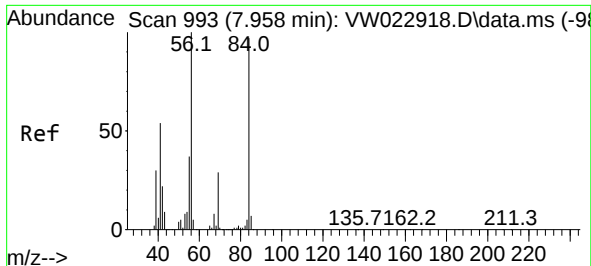
Tgt Ion: 83 Resp: 205030
Ion Ratio Lower Upper
83 100
85 63.5 46.6 86.6



#27
1,2-Dichloroethane
Concen: 17.826 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion: 62 Resp: 120852
Ion Ratio Lower Upper
62 100
98 9.3 7.2 10.8

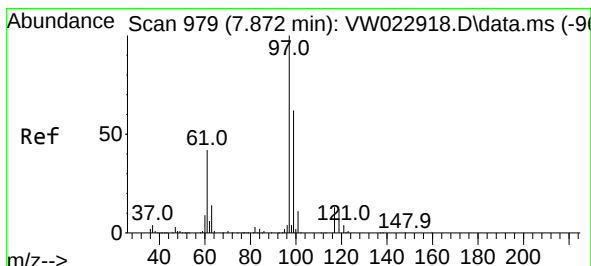
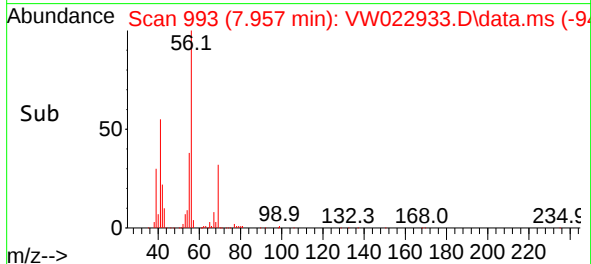
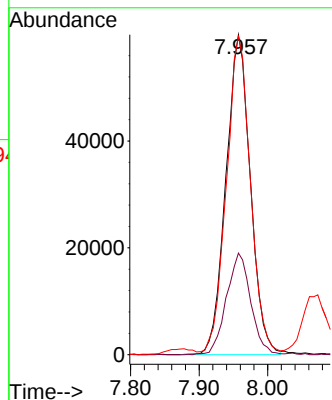
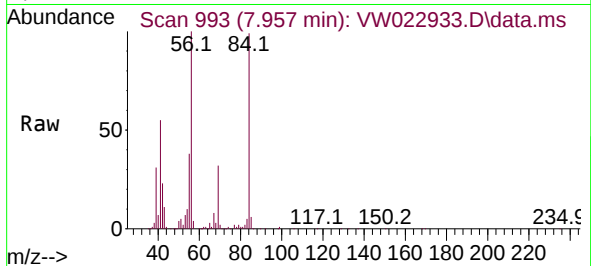




#29
Cyclohexane
Concen: 18.280 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

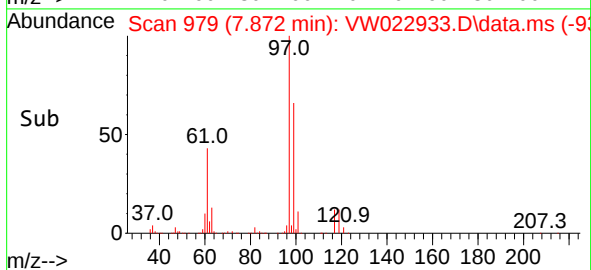
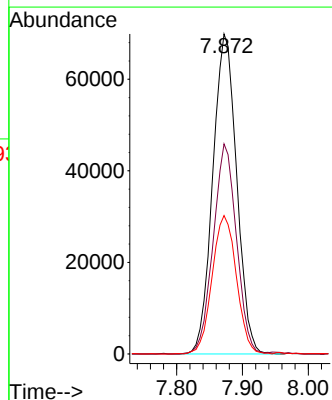
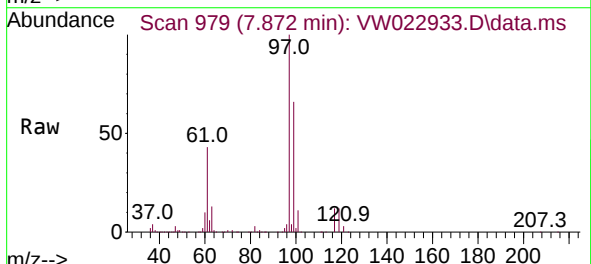
Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

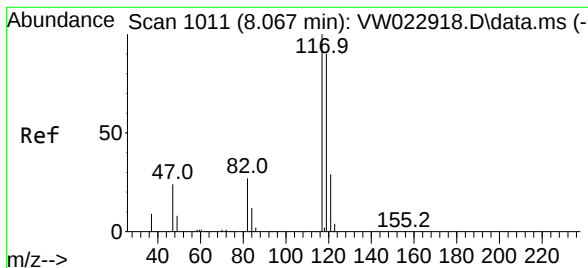
Tgt Ion: 56 Resp: 148434
Ion Ratio Lower Upper
56 100
69 31.4 25.6 38.4
84 98.4 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 19.940 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion: 97 Resp: 176927
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 43.9 34.8 52.2

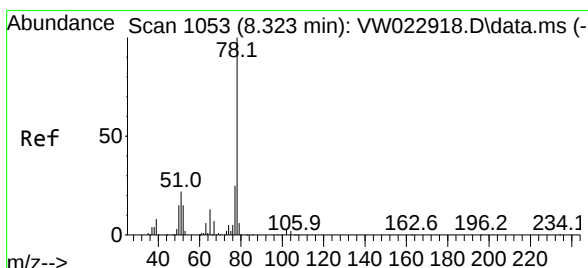
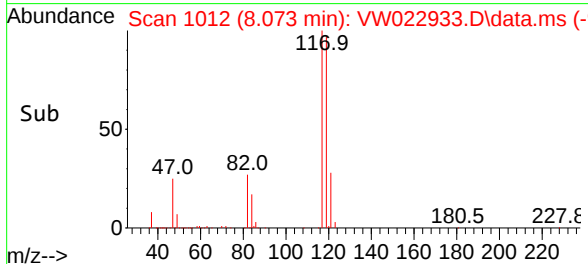
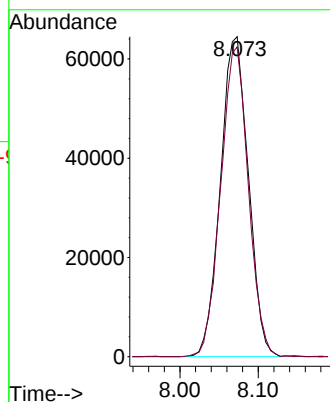
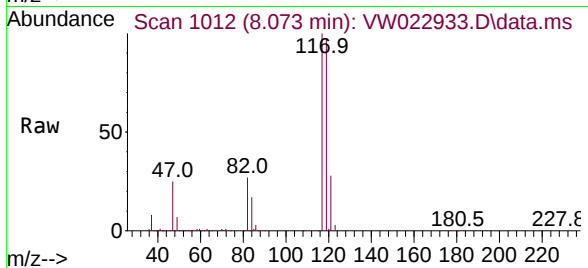




#31
Carbon tetrachloride
Concen: 19.268 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

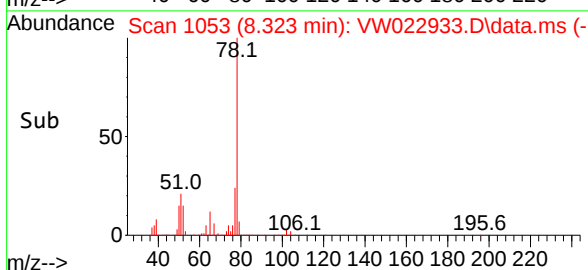
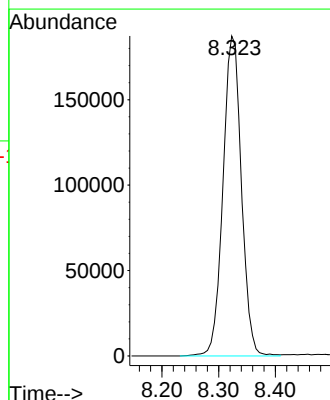
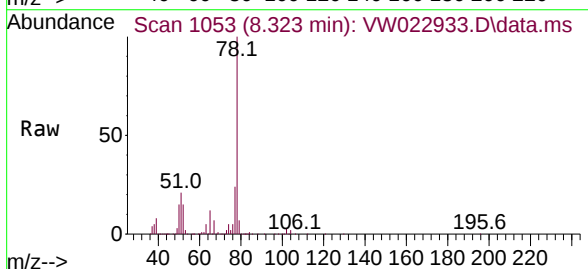
Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

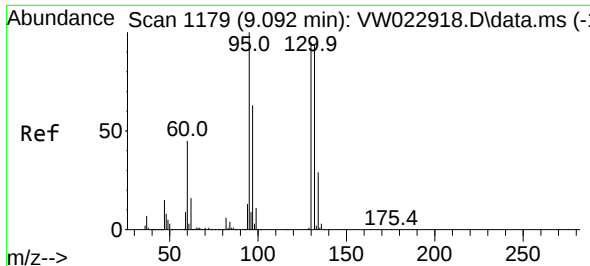
Tgt Ion:117 Resp: 159926
Ion Ratio Lower Upper
117 100
119 95.6 76.6 115.0



#33
Benzene
Concen: 19.111 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion: 78 Resp: 422713



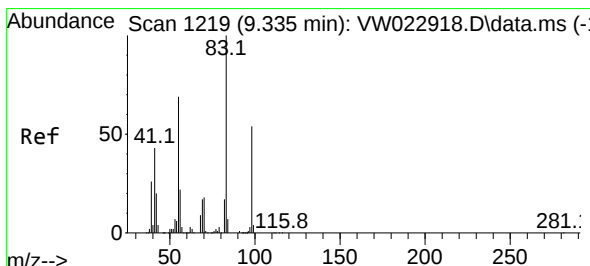
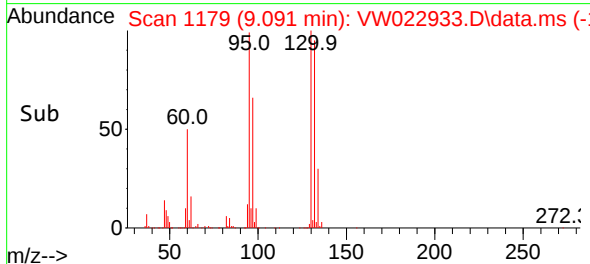
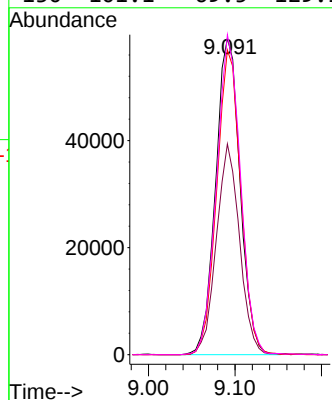
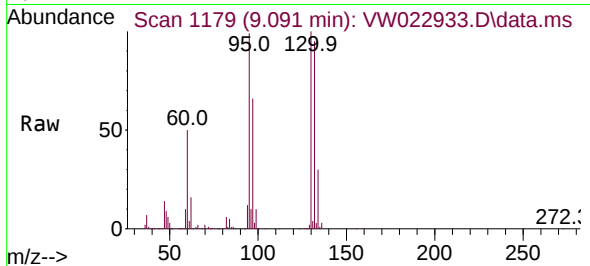


#34
Trichloroethene
Concen: 19.048 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

Tgt Ion: 95 Resp: 115867

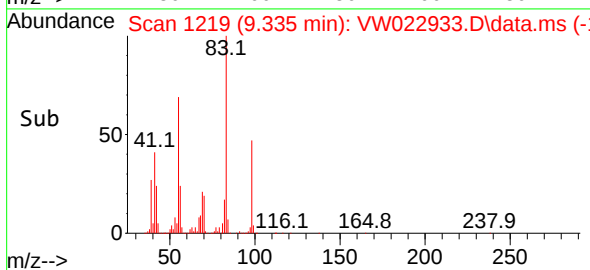
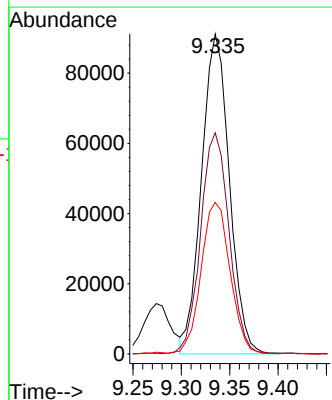
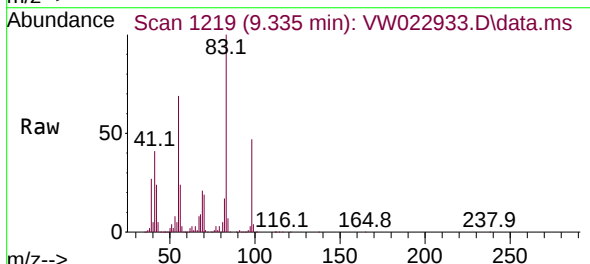
Ion	Ratio	Lower	Upper
95	100		
97	66.6	46.1	85.7
132	96.3	66.9	124.3
130	101.1	69.5	129.1

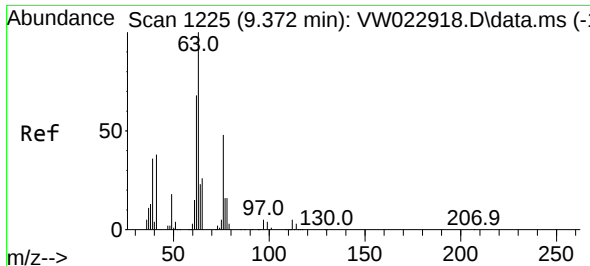


#35
Methylcyclohexane
Concen: 18.293 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion: 83 Resp: 182804

Ion	Ratio	Lower	Upper
83	100		
55	70.6	55.1	82.7
98	49.3	40.4	60.6





#37

1,2-Dichloropropane

Concen: 18.922 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

Instrument :

MSVOA_W

ClientSampleId :

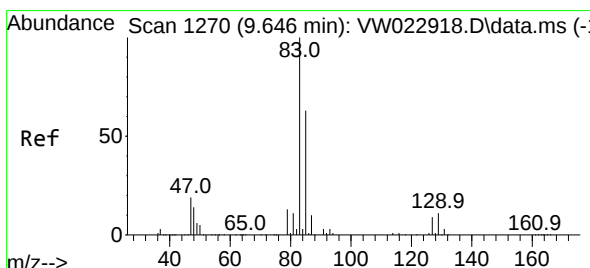
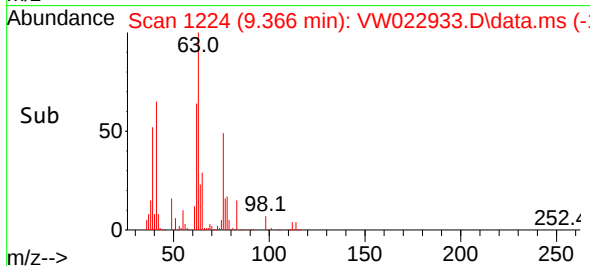
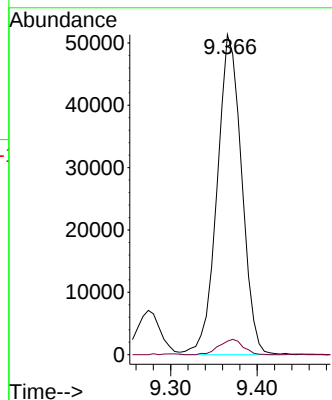
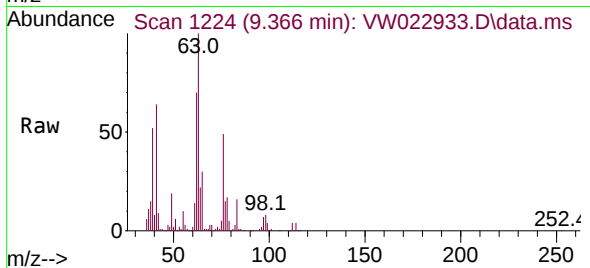
DBSL3MSD

Tgt Ion: 63 Resp: 101282

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 18.929 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

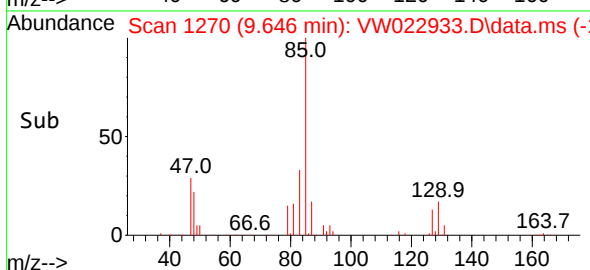
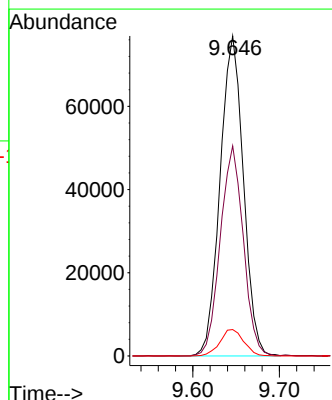
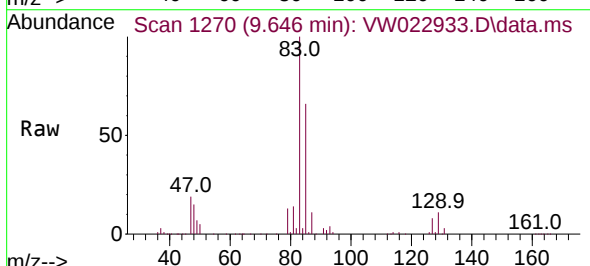
Tgt Ion: 83 Resp: 143909

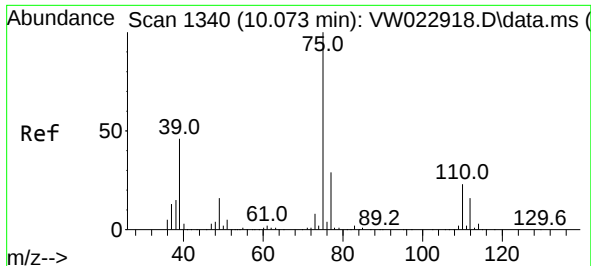
Ion Ratio Lower Upper

83 100

85 65.7 43.5 80.7

127 8.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 19.097 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

Instrument :

MSVOA_W

ClientSampleId :

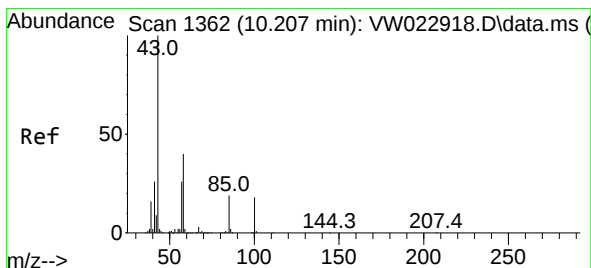
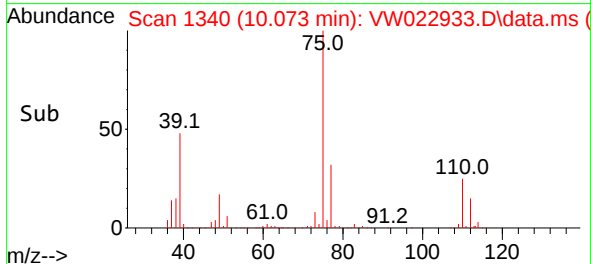
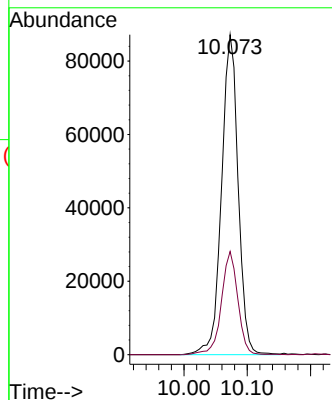
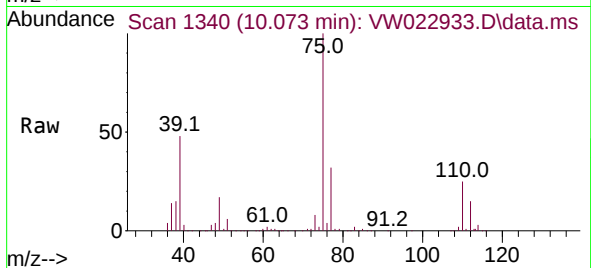
DBSL3MSD

Tgt Ion: 75 Resp: 158494

Ion Ratio Lower Upper

75 100

77 32.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 28.687 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

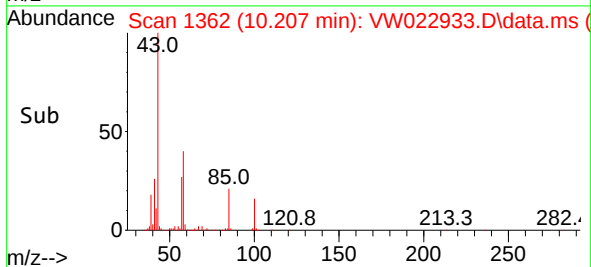
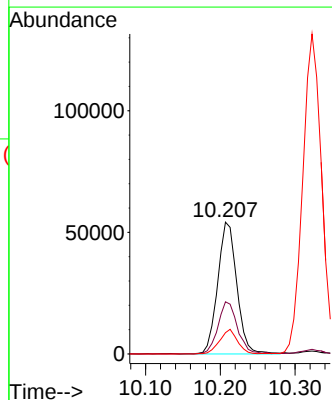
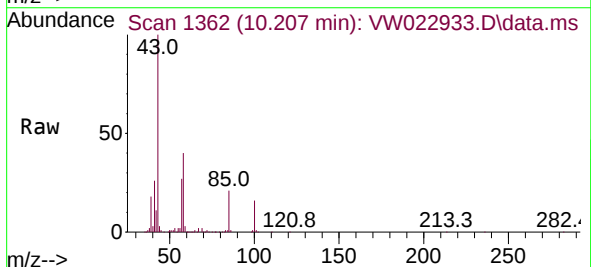
Tgt Ion: 43 Resp: 96783

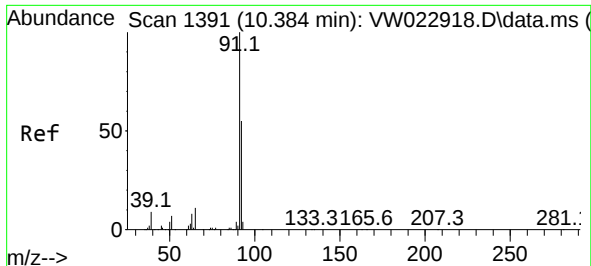
Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.2

100 17.4 14.2 21.4

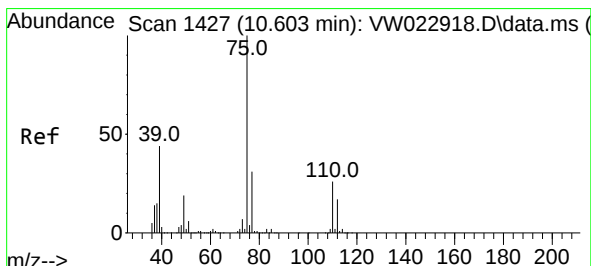
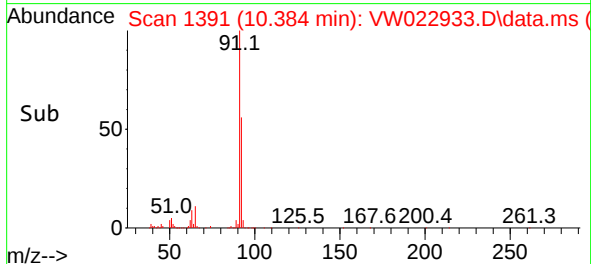
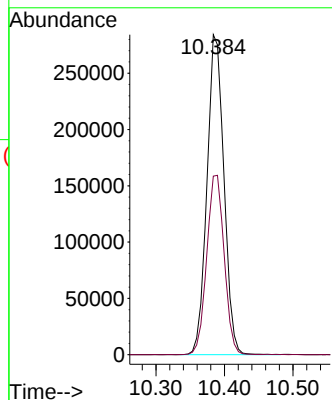
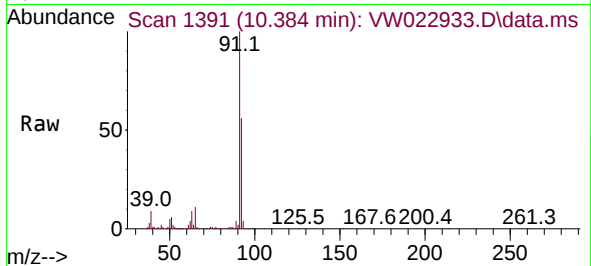




#42
Toluene
Concen: 19.774 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

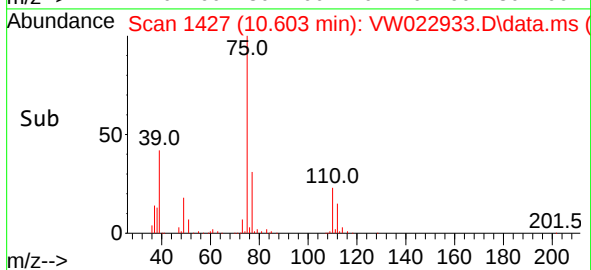
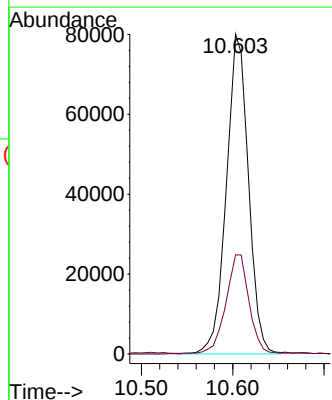
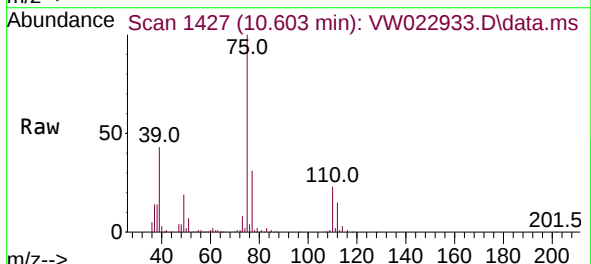
Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

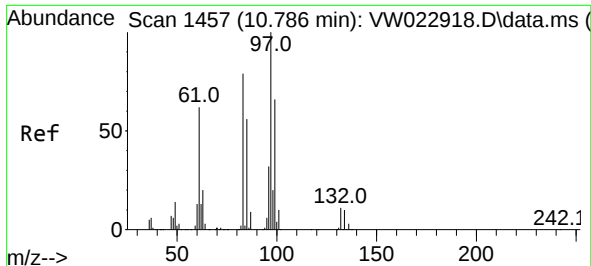
Tgt Ion: 91 Resp: 490168
Ion Ratio Lower Upper
91 100
92 55.8 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 18.146 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion: 75 Resp: 134427
Ion Ratio Lower Upper
75 100
77 31.0 22.0 40.8

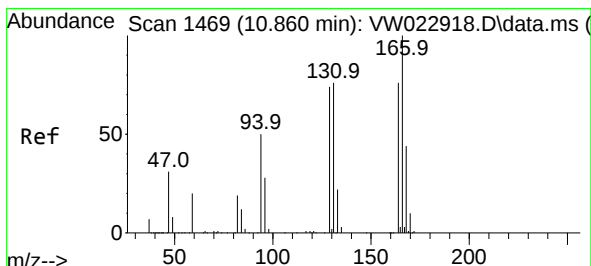
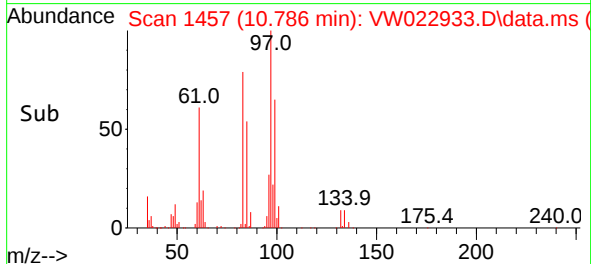
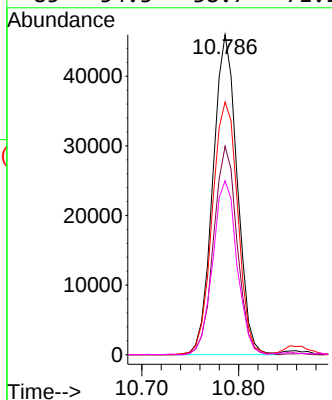
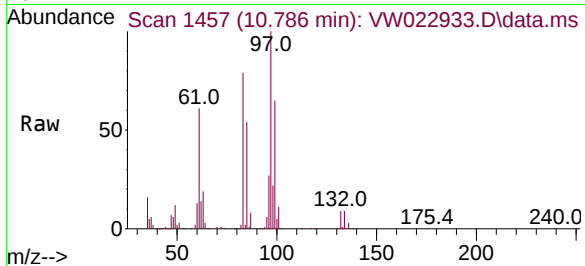




#45
1,1,2-Trichloroethane
Concen: 17.893 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

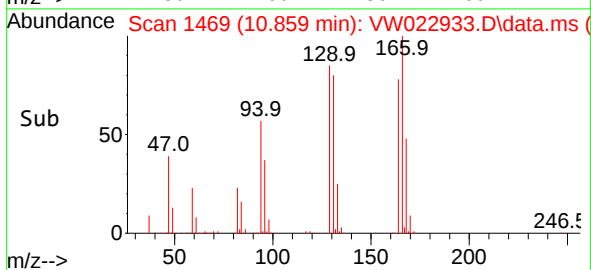
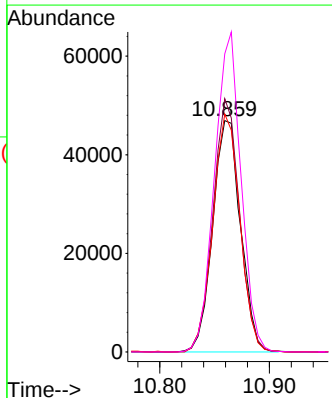
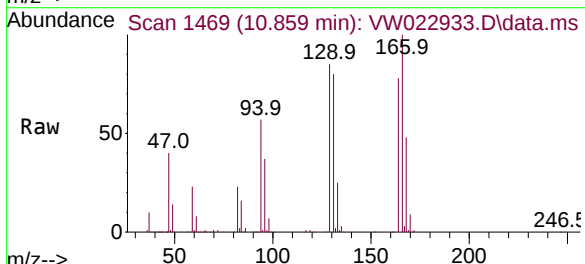
Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

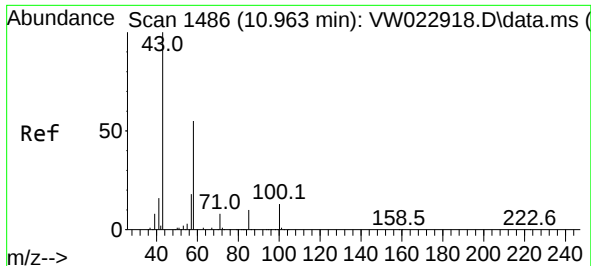
Tgt Ion: 97	Resp: 80066
Ion Ratio	Lower Upper
97 100	
99 65.1	44.7 82.9
83 78.9	58.4 108.4
85 54.3	38.7 71.9



#46
Tetrachloroethene
Concen: 18.120 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt	Ion:164	Resp:	82831
Ion	Ratio	Lower	Upper
164	100		
129	109.5	76.9	142.7
131	102.9	75.1	139.5
166	128.8	96.0	178.2

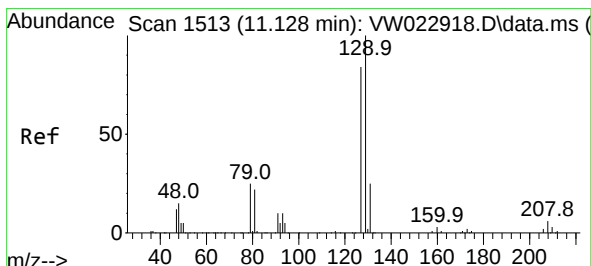
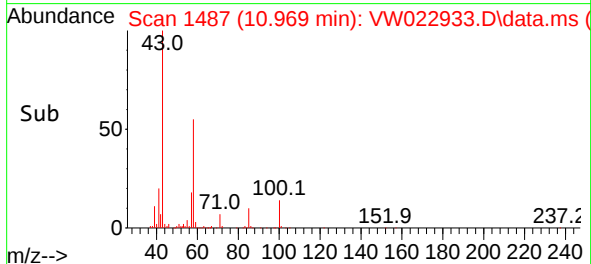
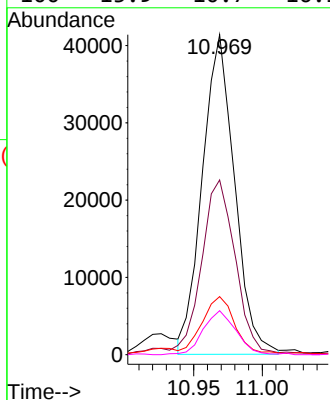
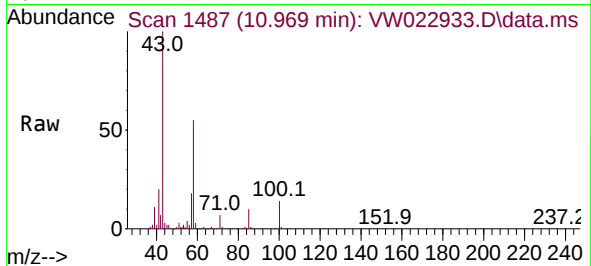




#48
2-Hexanone
Concen: 30.020 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

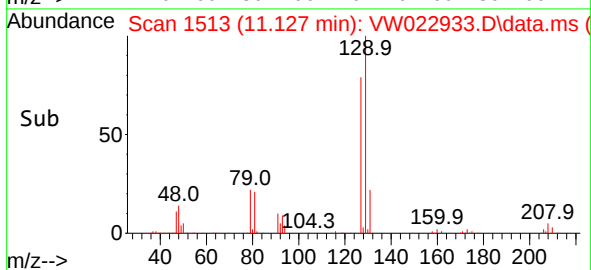
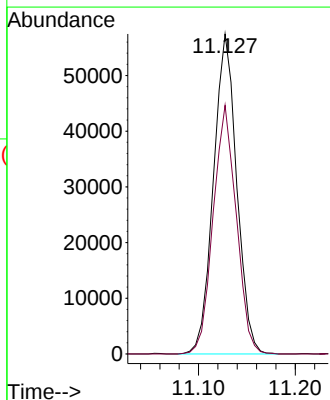
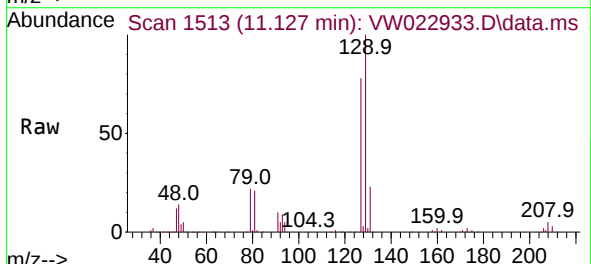
Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

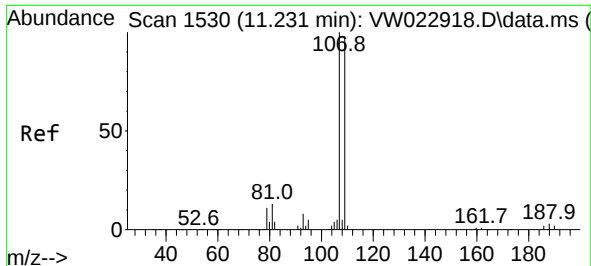
Tgt Ion: 43	Resp: 67670
Ion Ratio	Lower Upper
43 100	
58 56.8	45.9 68.9
57 18.8	16.2 24.2
100 13.9	10.7 16.1



#49
Dibromochloromethane
Concen: 17.828 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion: 129	Resp: 96010
Ion Ratio	Lower Upper
129 100	
127 77.7	53.8 100.0

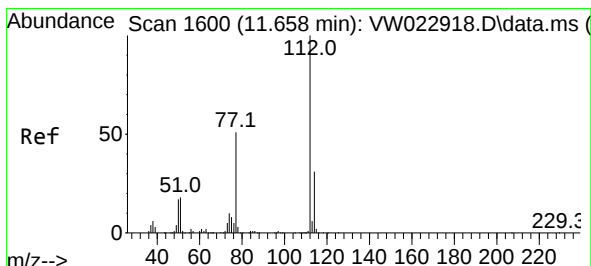
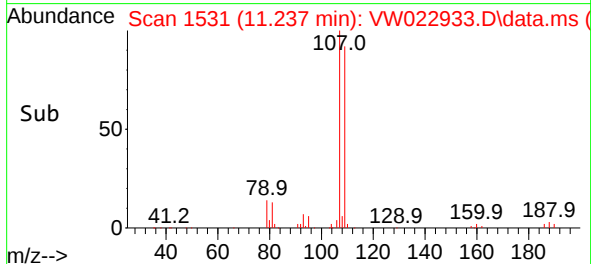
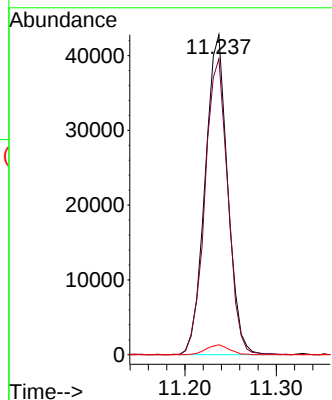
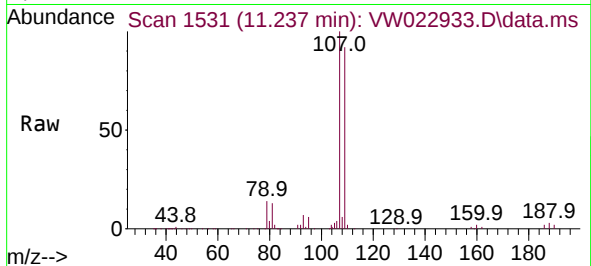




#50
1,2-Dibromoethane
Concen: 16.282 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

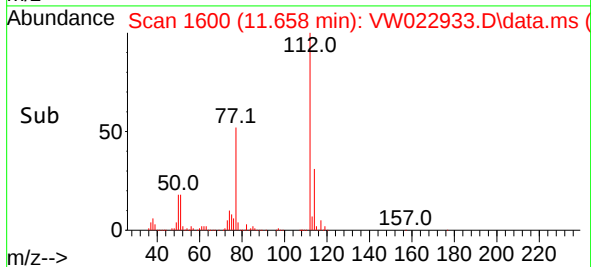
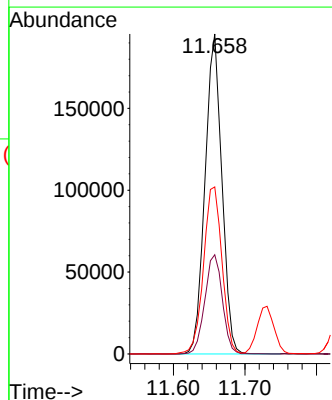
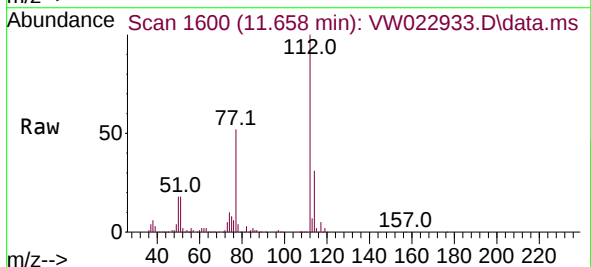
Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

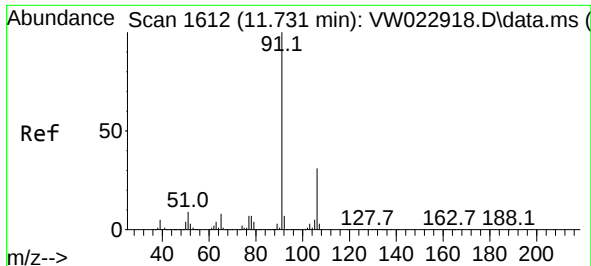
Tgt Ion:107 Resp: 73158
Ion Ratio Lower Upper
107 100
109 92.4 67.5 125.4
188 3.1 2.9 4.3



#51
Chlorobenzene
Concen: 19.552 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion:112 Resp: 319515
Ion Ratio Lower Upper
112 100
114 31.0 22.0 41.0
77 52.2 42.6 63.8

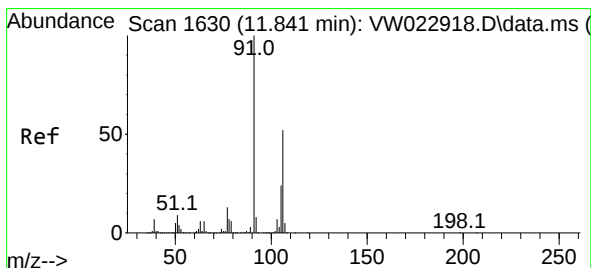
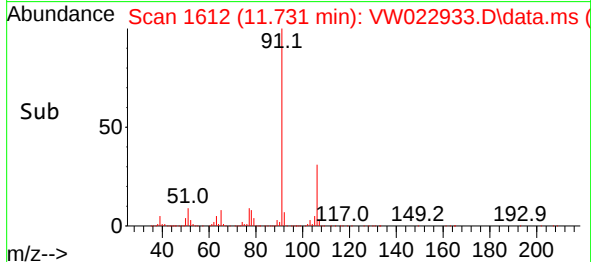
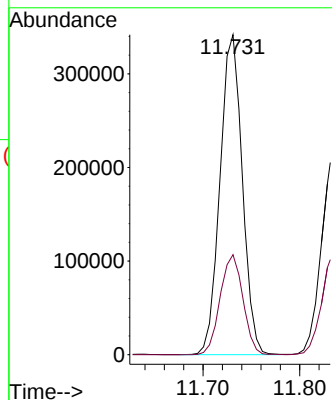
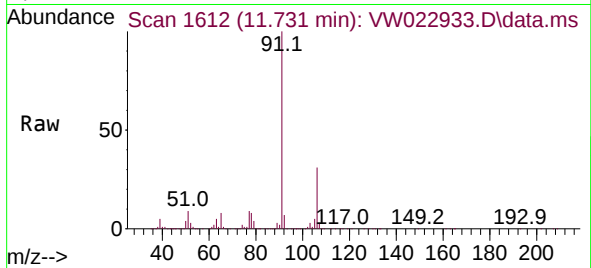




#52
Ethylbenzene
Concen: 19.826 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

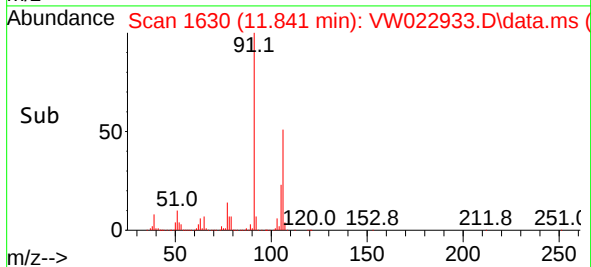
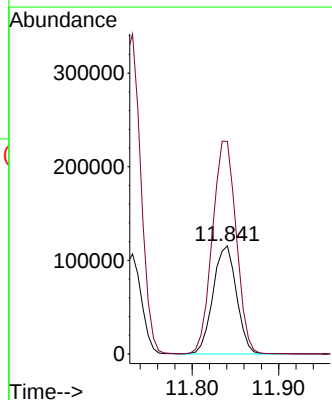
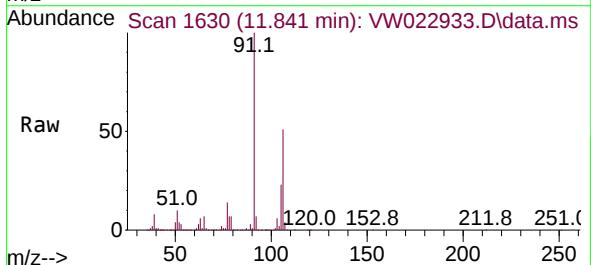
Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

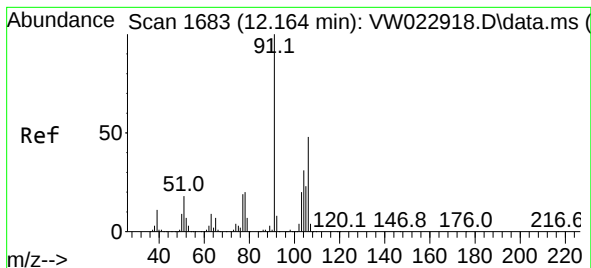
Tgt Ion: 91 Resp: 546734
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.3



#53
m,p-Xylene
Concen: 20.053 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion:106 Resp: 217896
Ion Ratio Lower Upper
106 100
91 196.7 136.8 254.0

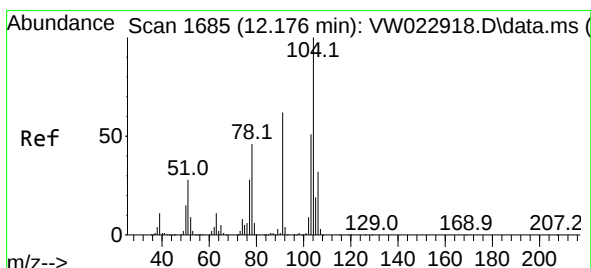
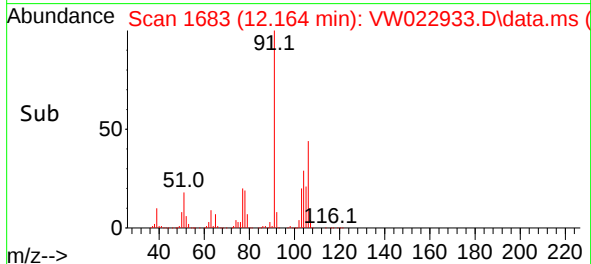
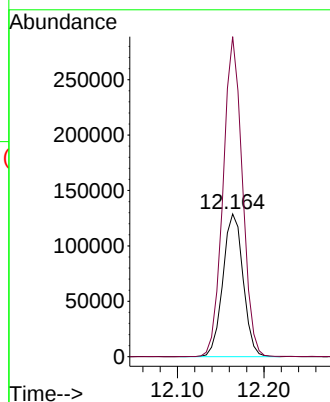
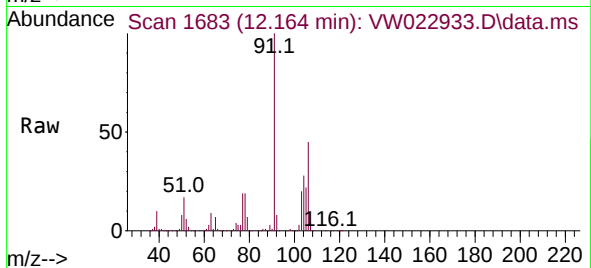




#54
o-Xylene
Concen: 20.024 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

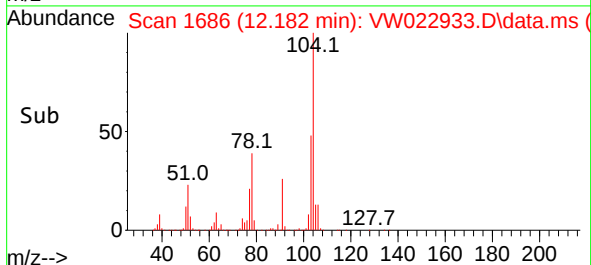
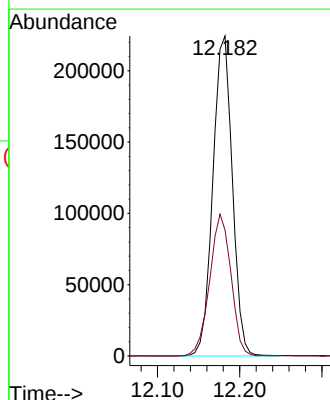
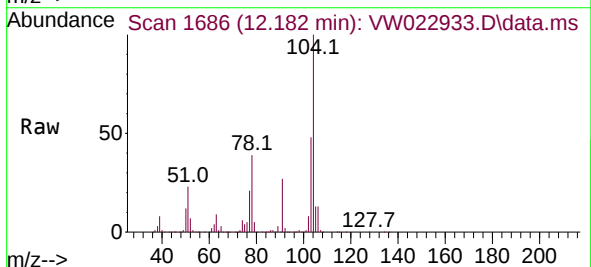
Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

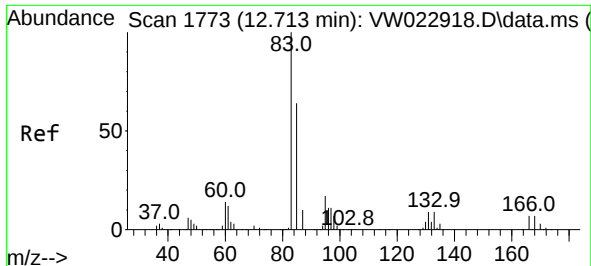
Tgt Ion:106 Resp: 208793
Ion Ratio Lower Upper
106 100
91 224.2 147.2 273.4



#55
Styrene
Concen: 20.835 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion:104 Resp: 369163
Ion Ratio Lower Upper
104 100
78 39.3 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 16.503 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

Instrument :

MSVOA_W

ClientSampleId :

DBSL3MSD

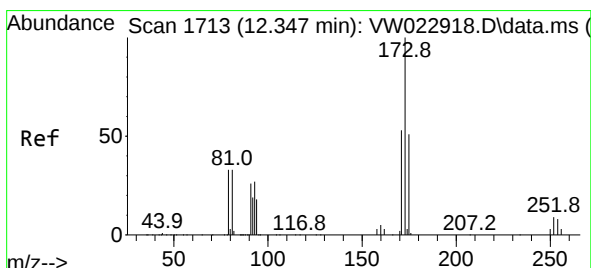
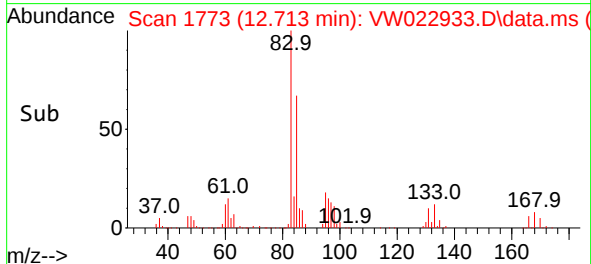
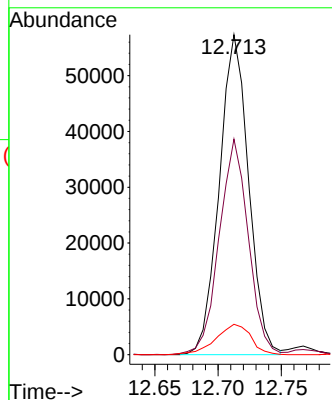
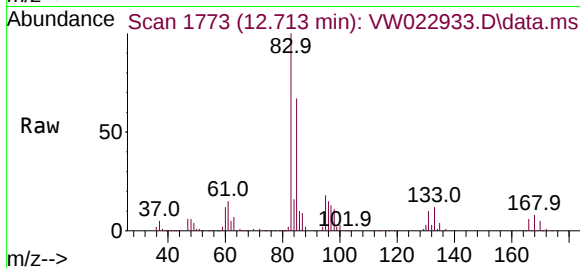
Tgt Ion: 83 Resp: 92235

Ion Ratio Lower Upper

83 100

85 67.4 47.5 88.1

131 9.5 8.7 13.1



#59

Bromoform

Concen: 15.375 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

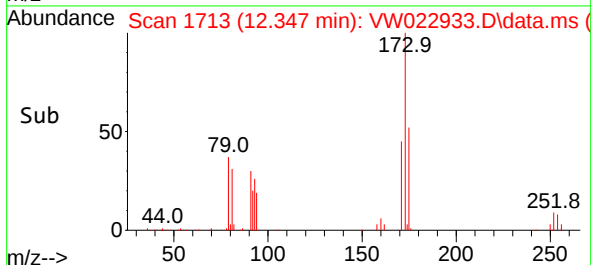
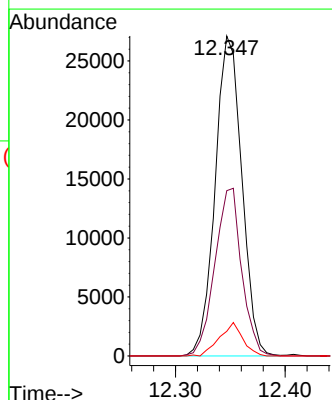
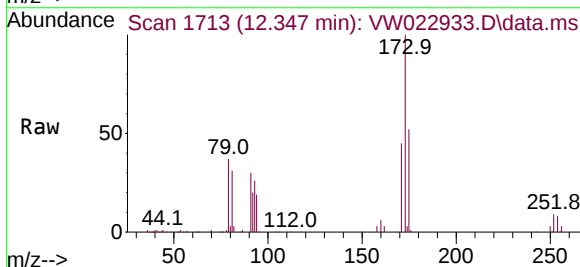
Tgt Ion: 173 Resp: 45940

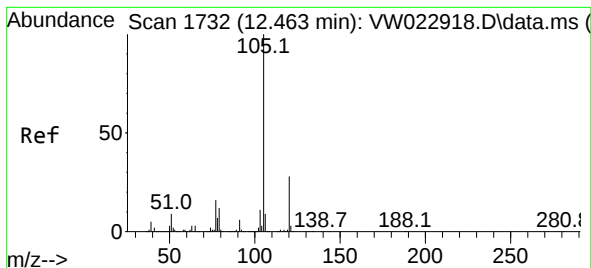
Ion Ratio Lower Upper

173 100

175 52.6 38.1 57.1

254 9.0 6.5 9.7





#60

Isopropylbenzene

Concen: 20.354 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

Instrument :

MSVOA_W

ClientSampleId :

DBSL3MSD

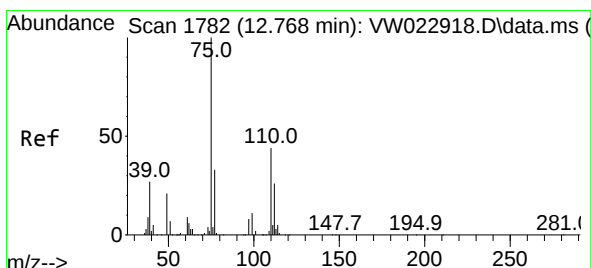
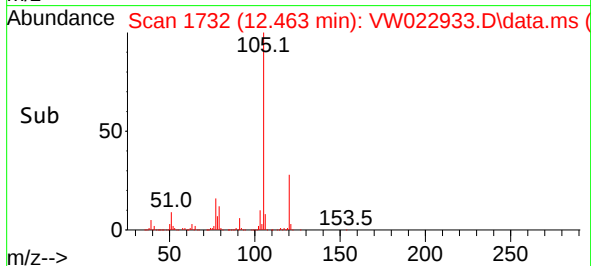
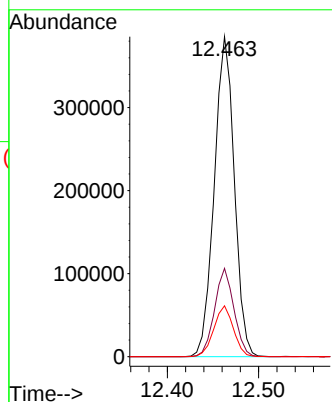
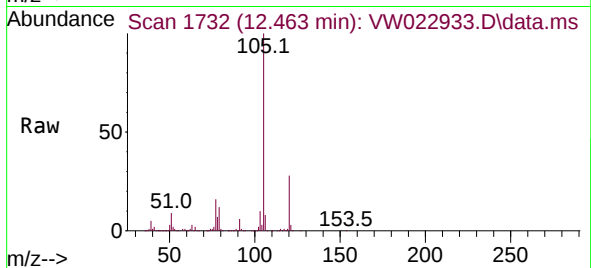
Tgt Ion:105 Resp: 587874

Ion Ratio Lower Upper

105 100

120 26.7 21.3 31.9

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 15.395 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

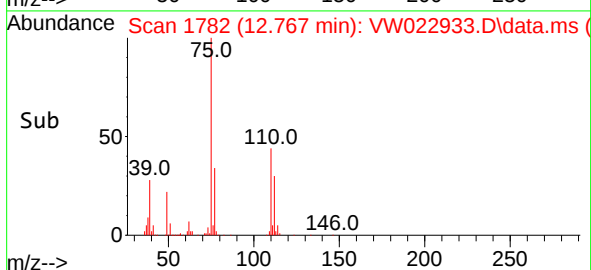
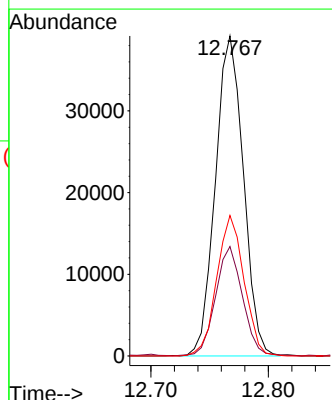
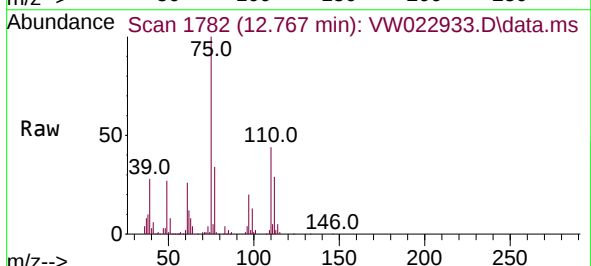
Tgt Ion: 75 Resp: 64855

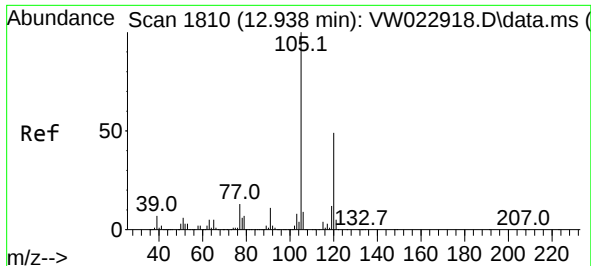
Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.2

110 42.7 34.1 51.1

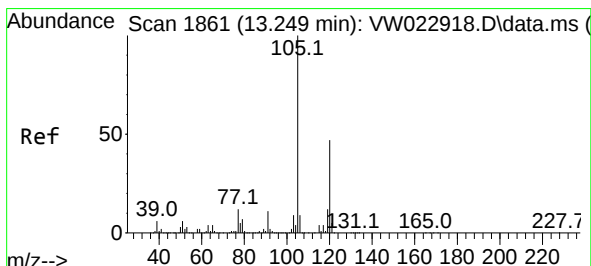
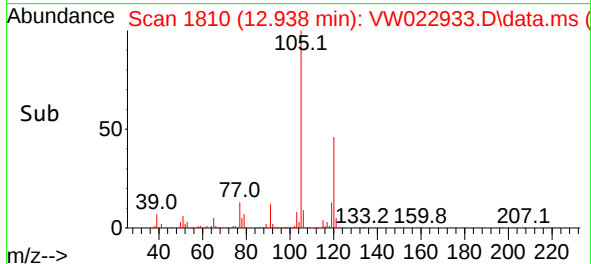
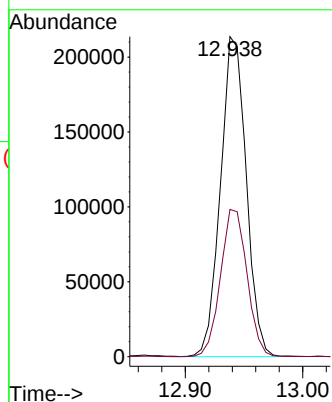
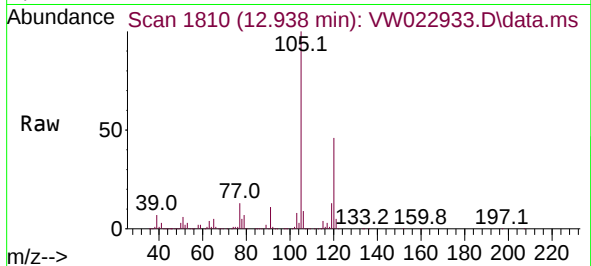




#62
1,3,5-Trimethylbenzene
Concen: 20.271 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

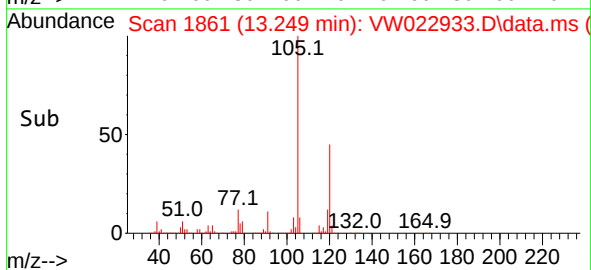
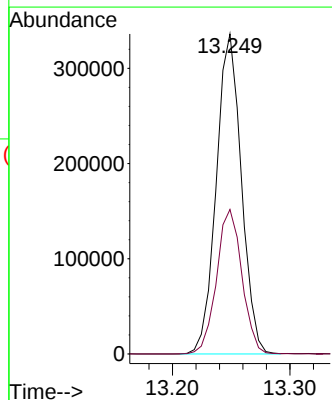
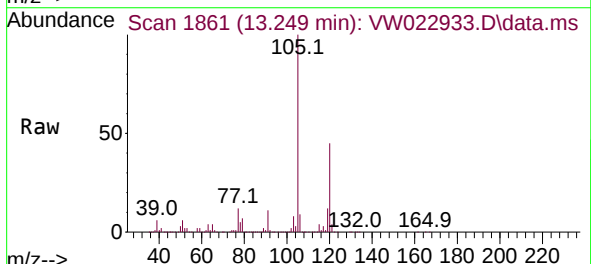
Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

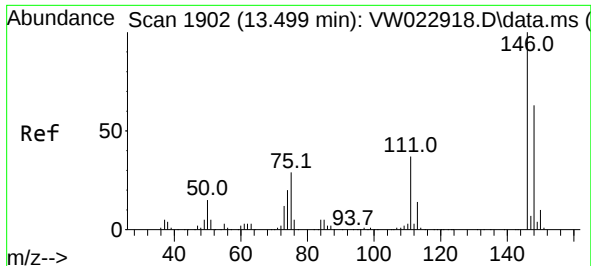
Tgt Ion:105 Resp: 325739
Ion Ratio Lower Upper
105 100
120 47.4 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 20.669 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion:105 Resp: 498690
Ion Ratio Lower Upper
105 100
120 45.6 37.4 56.2

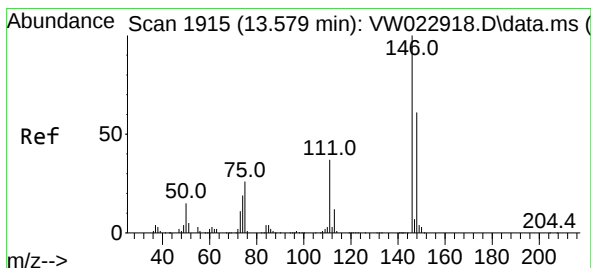
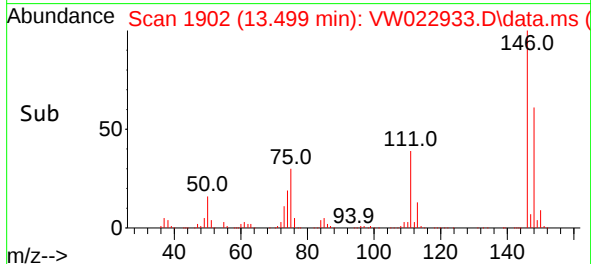
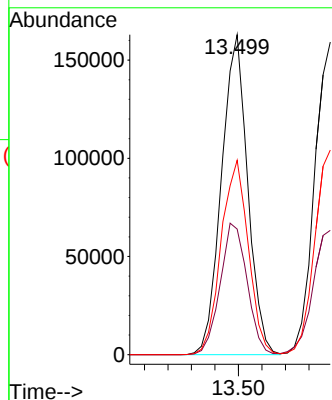
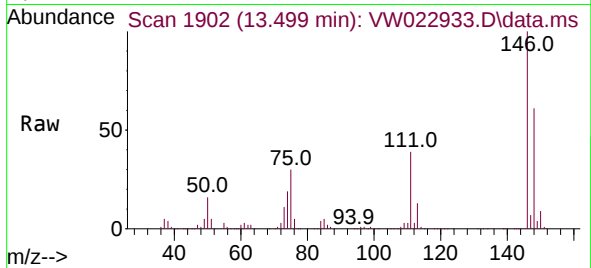




#64
1,3-Dichlorobenzene
Concen: 19.581 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

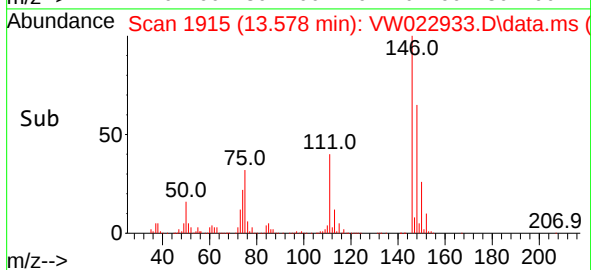
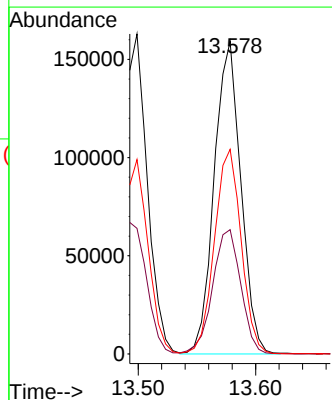
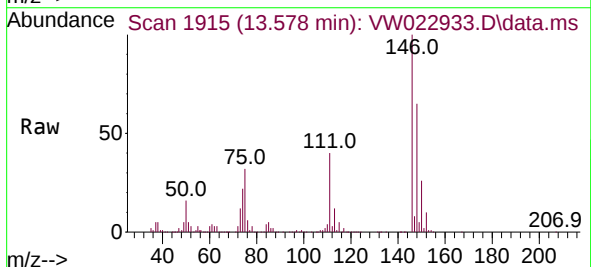
Instrument :
MSVOA_W
ClientSampleId :
DBSL3MSD

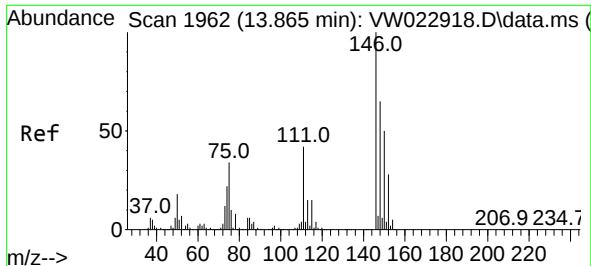
Tgt Ion:146 Resp: 252512
Ion Ratio Lower Upper
146 100
111 39.3 29.5 54.9
148 60.7 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 18.815 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022933.D
Acq: 09 May 2022 16:28

Tgt Ion:146 Resp: 250616
Ion Ratio Lower Upper
146 100
111 39.8 27.2 50.4
148 65.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 19.306 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

Instrument :

MSVOA_W

ClientSampleId :

DBSL3MSD

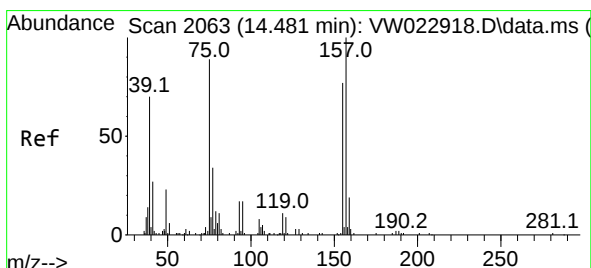
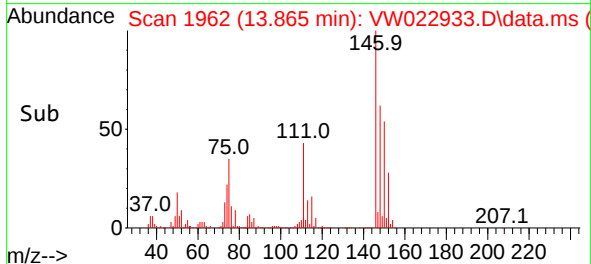
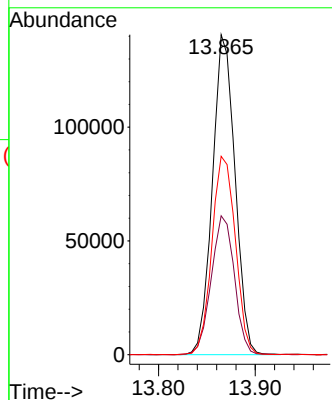
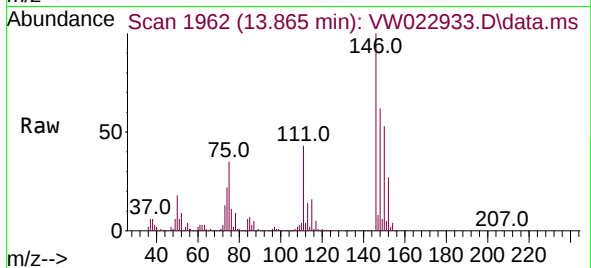
Tgt Ion:146 Resp: 227822

Ion Ratio Lower Upper

146 100

111 43.4 35.7 53.5

148 62.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 14.596 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

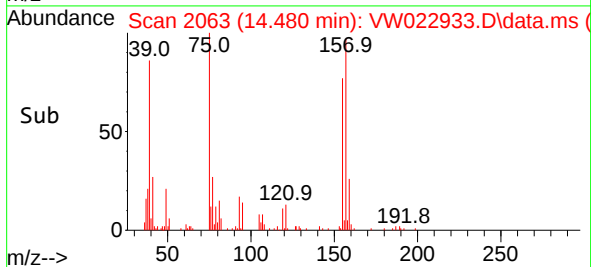
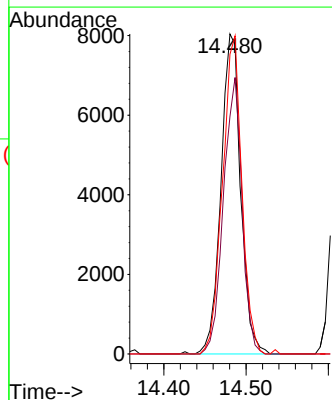
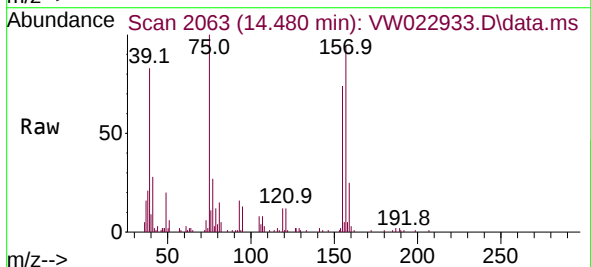
Tgt Ion: 75 Resp: 13438

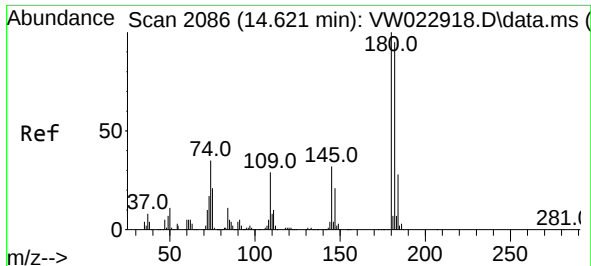
Ion Ratio Lower Upper

75 100

155 74.2 59.3 88.9

157 93.7 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 20.224 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

Instrument :

MSVOA_W

ClientSampleId :

DBSL3MSD

Tgt Ion:180 Resp: 173119

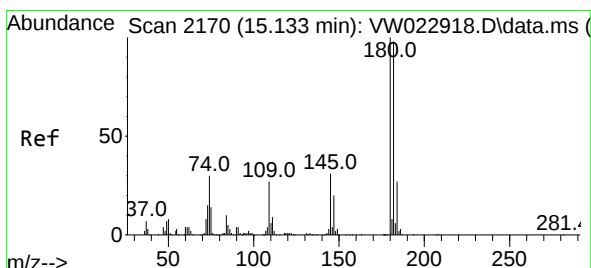
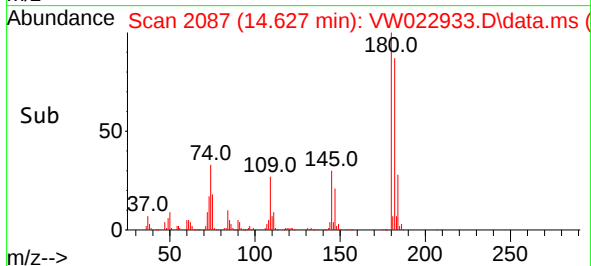
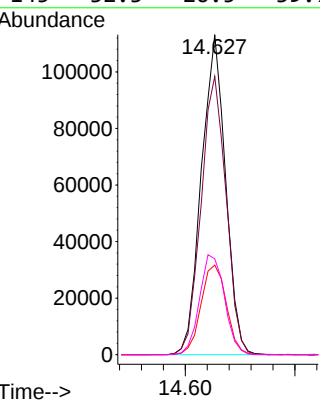
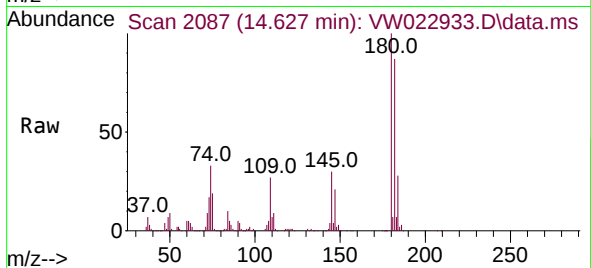
Ion Ratio Lower Upper

180 100

182 90.0 74.8 112.2

184 29.5 23.4 35.2

145 32.3 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 19.887 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

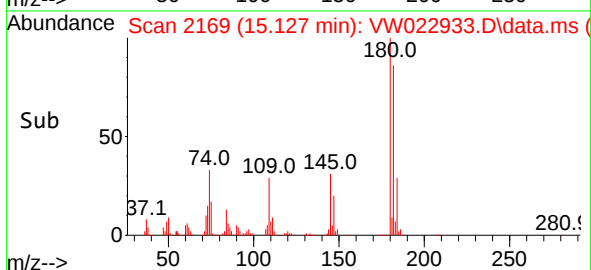
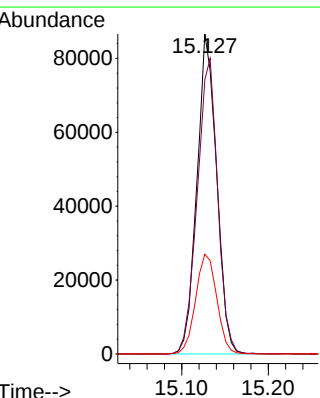
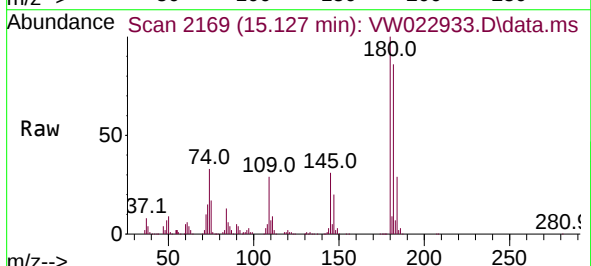
Tgt Ion:180 Resp: 136937

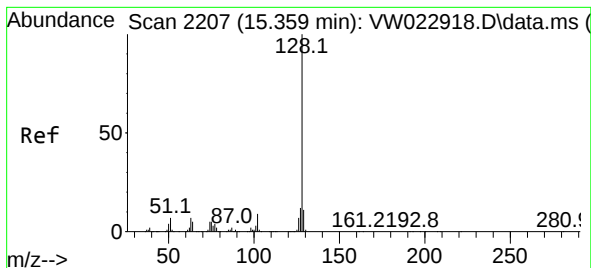
Ion Ratio Lower Upper

180 100

182 95.6 74.9 112.3

145 33.4 26.6 39.8





#71

Naphthalene

Concen: 17.127 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

Instrument :

MSVOA_W

ClientSampleId :

DBSL3MSD

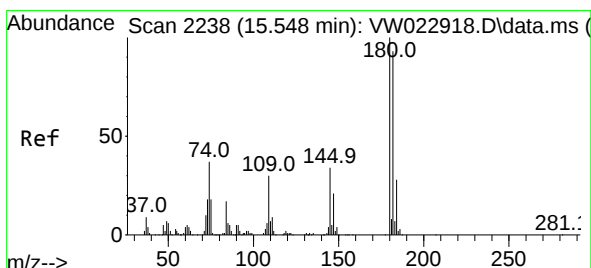
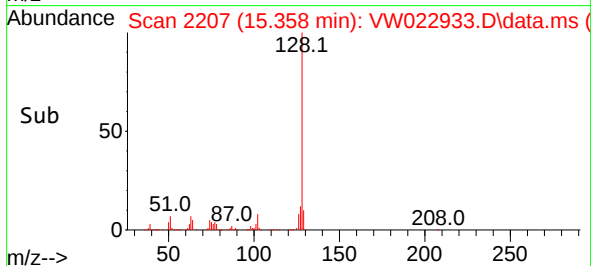
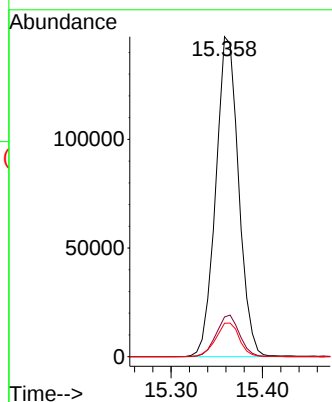
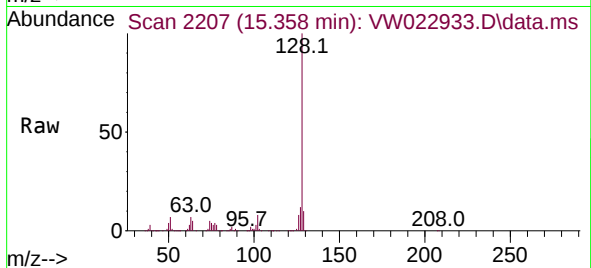
Tgt Ion:128 Resp: 256318

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 19.228 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022933.D

Acq: 09 May 2022 16:28

Tgt Ion:180 Resp: 117346

Ion Ratio Lower Upper

180 100

182 94.5 73.5 110.3

145 35.4 27.9 41.9

