

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023219.D
 Acq On : 21 May 2022 00:12
 Operator : SY/VA
 Sample : N2925-21MS
 Misc : 4.79g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXXZ7MS

Quant Time: May 21 01:51:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 21 01:30:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	284397	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	296712	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	107642	18.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.800%
7) Chloroethane-d5	2.879	69	75798	19.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.880%
11) 1,1-Dichloroethene-d2	4.019	63	134050	17.780	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.120%
21) 2-Butanone-d5	7.080	46	65971	59.466	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.940%
24) Chloroform-d	7.647	84	221231	26.551	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	8.305	65	127421	27.883	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.520%
32) Benzene-d6	8.275	84	400393	23.412	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.275	67	125806	26.187	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.760%
41) Toluene-d8	10.323	98	388021	23.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.960%
43) trans-1,3-Dichloroprop...	10.579	79	54400	24.593	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.360%
47) 2-Hexanone-d5	10.927	63	53236	58.049	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.100%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	132257	29.537	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	152853	25.506	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	27122	17.494	ug/L	94
3) Chloromethane	2.209	50	70347	23.481	ug/L	99
5) Vinyl chloride	2.361	62	98337	16.356	ug/L	97
6) Bromomethane	2.770	94	49962	12.942	ug/L	94
8) Chloroethane	2.916	64	46108	15.900	ug/L	99
9) Trichlorofluoromethane	3.251	101	44365	16.144	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	75804	18.448	ug/L	97
12) 1,1-Dichloroethene	4.032	96	59888	16.441	ug/L #	80
13) Acetone	4.123	43	40758	49.072	ug/L	77
14) Carbon disulfide	4.385	76	115287	11.545	ug/L	99
15) Methyl Acetate	4.672	43	37420	22.425	ug/L	99
16) Methylene chloride	4.916	84	88343	21.229	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	72055	17.578	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	157377	25.150	ug/L	99
19) 1,1-Dichloroethane	6.220	63	150577	21.674	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	93634	21.267	ug/L #	99
22) 2-Butanone	7.171	43	54941	47.299	ug/L	98
23) Bromochloromethane	7.513	128	44938	21.794	ug/L	94
25) Chloroform	7.677	83	177191	23.066	ug/L	97

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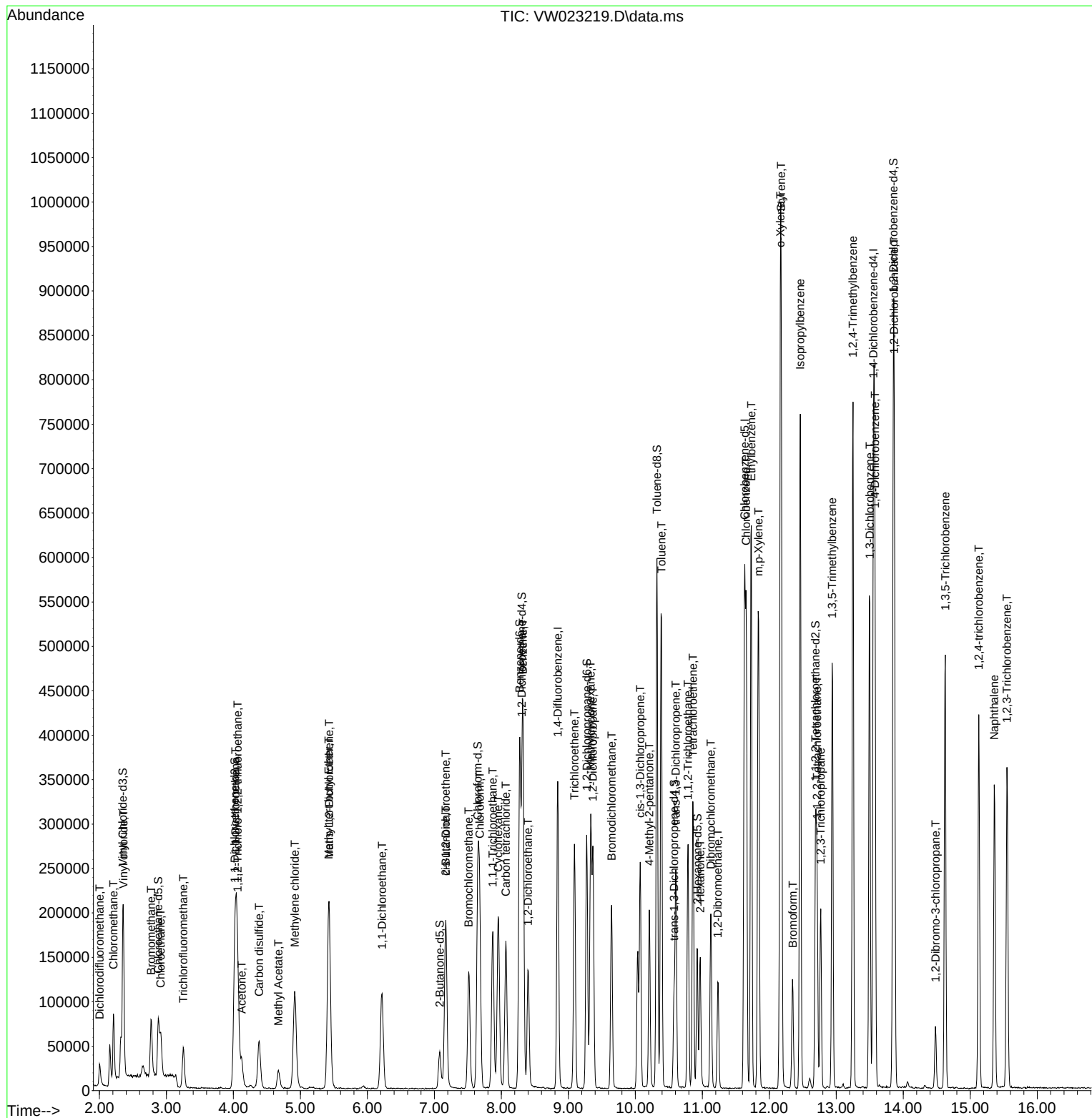
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	121441	23.716	ug/L	99
29) Cyclohexane	7.952	56	98942	15.419	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	137800	19.652	ug/L	97
31) Carbon tetrachloride	8.067	117	119160	18.167	ug/L	98
33) Benzene	8.324	78	348276	19.925	ug/L	100
34) Trichloroethene	9.092	95	90957	18.922	ug/L	98
35) Methylcyclohexane	9.336	83	122797	15.550	ug/L	98
37) 1,2-Dichloropropane	9.366	63	92369	21.837	ug/L	99
38) Bromodichloromethane	9.646	83	133702	22.254	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	143544	21.886	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	121956	45.743	ug/L	99
42) Toluene	10.390	91	397424	20.288	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	130967	22.371	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	83055	23.488	ug/L	97
46) Tetrachloroethene	10.860	164	65184	18.044	ug/L	91
48) 2-Hexanone	10.969	43	89984	50.513	ug/L	98
49) Dibromochloromethane	11.128	129	96243	22.614	ug/L	95
50) 1,2-Dibromoethane	11.232	107	78046	21.981	ug/L	98
51) Chlorobenzene	11.652	112	266772	20.657	ug/L	98
52) Ethylbenzene	11.731	91	449879	20.643	ug/L	99
53) m,p-Xylene	11.841	106	175755	20.467	ug/L	99
54) o-Xylene	12.164	106	175839	21.339	ug/L	92
55) Styrene	12.176	104	315490	22.532	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	104721	23.710	ug/L	97
59) Bromoform	12.353	173	51859	21.345	ug/L	98
60) Isopropylbenzene	12.463	105	470515	20.034	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	77191	22.535	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	259117	19.831	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	406301	20.710	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	219982	20.979	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	227587	21.013	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	212759	22.174	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16209	21.652	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	139076	19.982	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	116567	20.820	ug/L	95
71) Naphthalene	15.359	128	280198	23.025	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	112053	22.581	ug/L	98

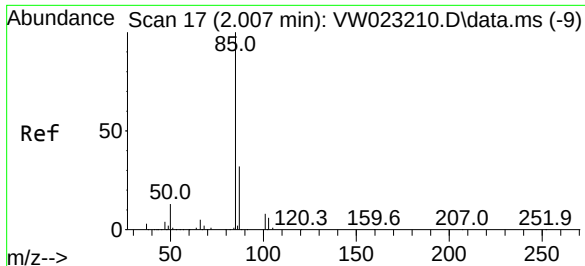
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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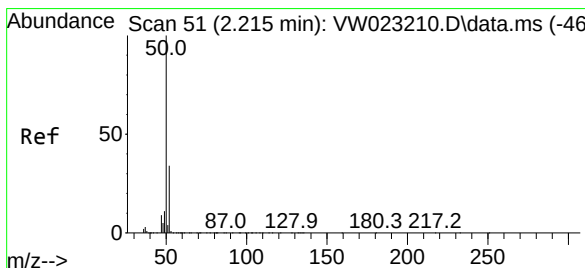
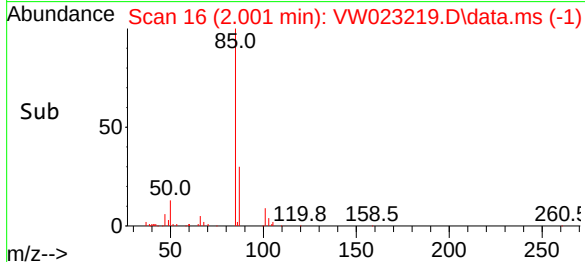
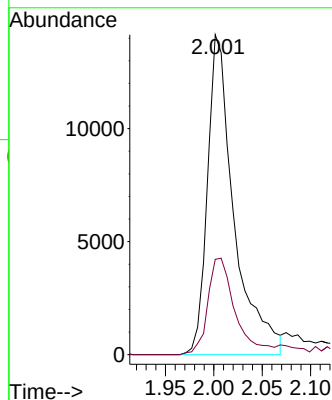
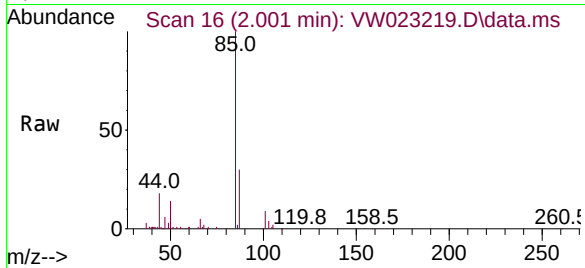




#2
 Dichlorodifluoromethane
 Concen: 17.494 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW023219.D
 Acq: 21 May 2022 00:12

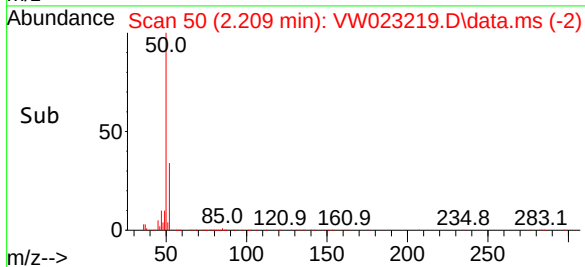
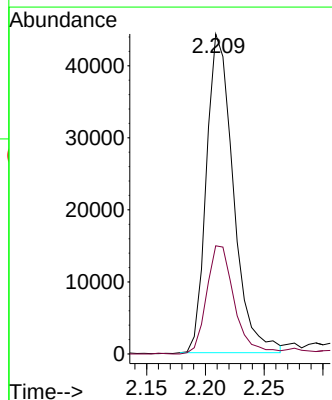
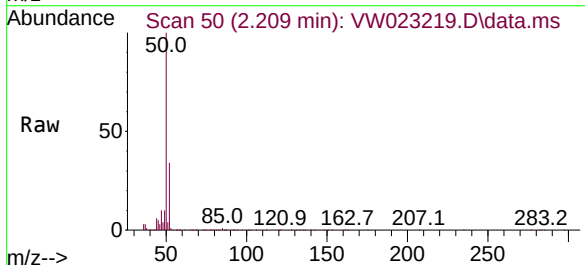
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 ClientSampleId :
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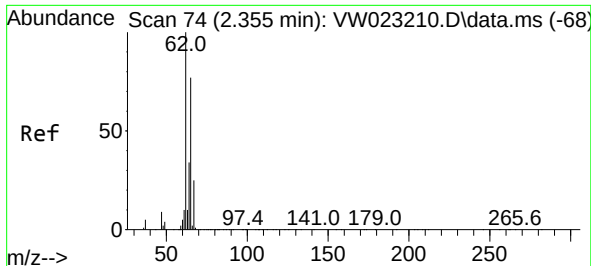
Tgt Ion: 85 Resp: 27122
 Ion Ratio Lower Upper
 85 100
 87 31.2 27.8 41.8



#3
 Chloromethane
 Concen: 23.481 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW023219.D
 Acq: 21 May 2022 00:12

Tgt Ion: 50 Resp: 70347
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.1 42.9

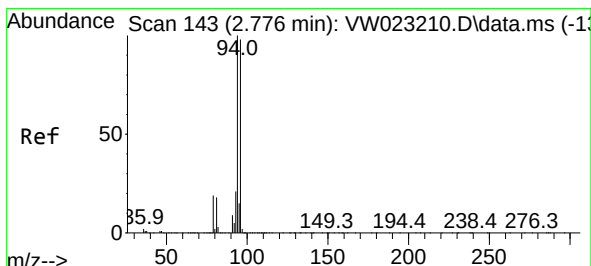
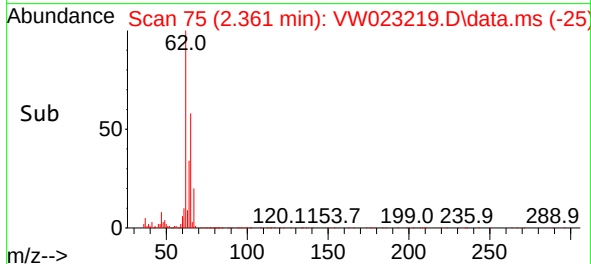
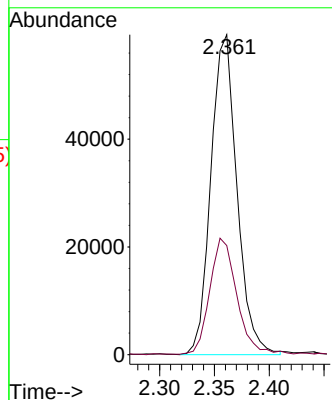
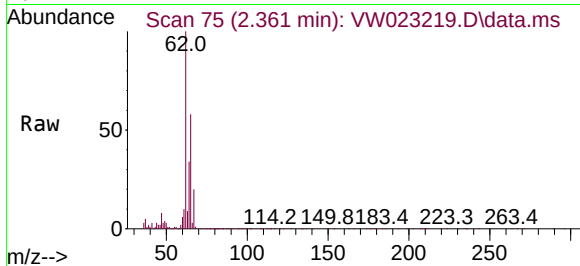




#5
 Vinyl chloride
 Concen: 16.356 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW023219.D
 Acq: 21 May 2022 00:12

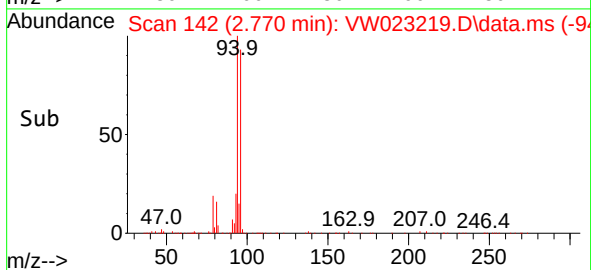
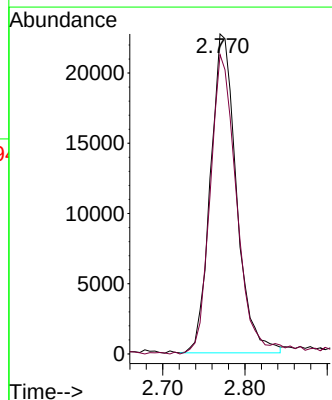
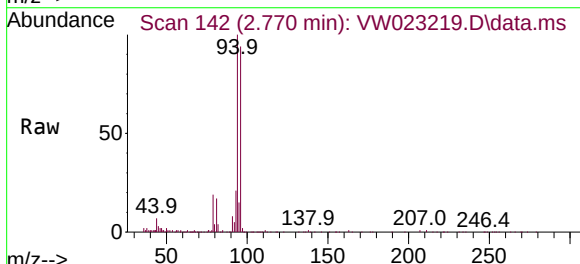
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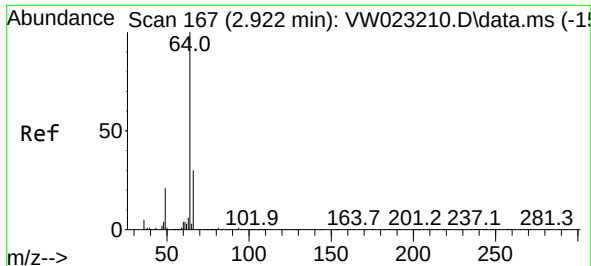
Tgt Ion: 62 Resp: 98337
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.9 46.3



#6
 Bromomethane
 Concen: 12.942 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023219.D
 Acq: 21 May 2022 00:12

Tgt Ion: 94 Resp: 49962
 Ion Ratio Lower Upper
 94 100
 96 93.5 61.7 114.5

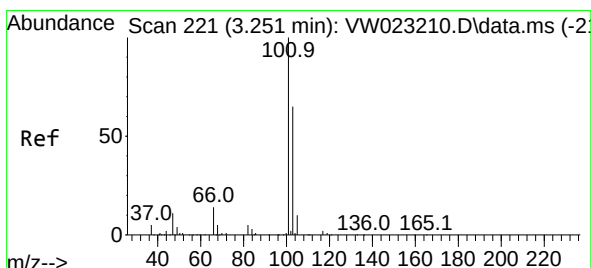
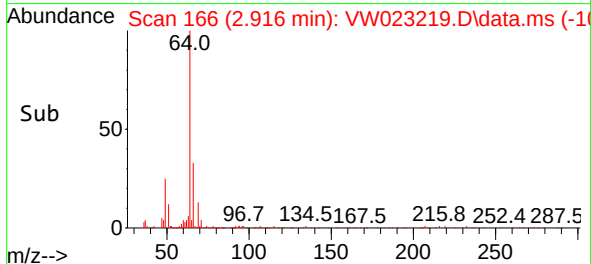
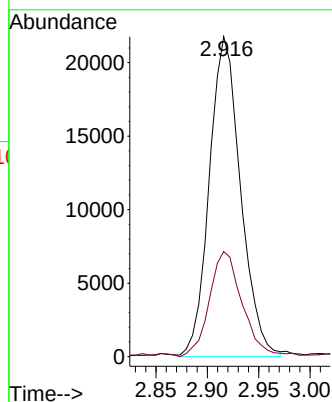
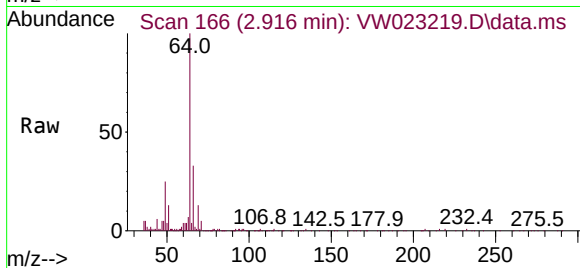




#8
Chloroethane
Concen: 15.900 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

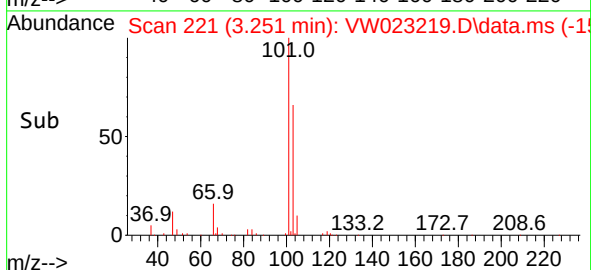
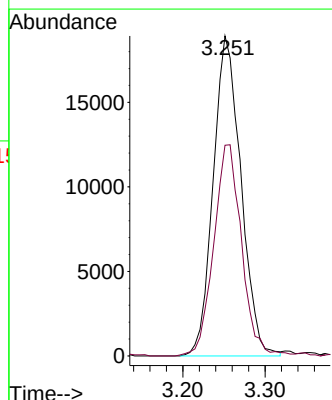
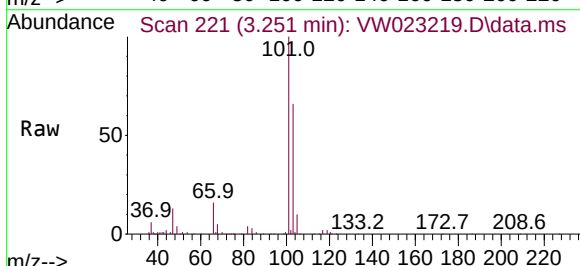
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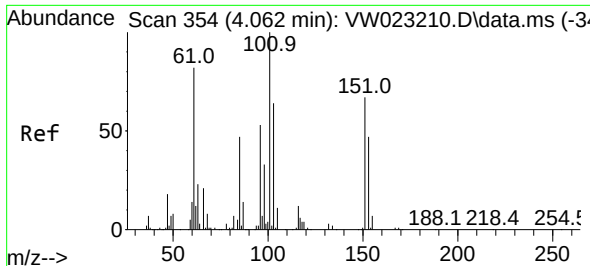
Tgt Ion: 64 Resp: 46108
Ion Ratio Lower Upper
64 100
66 32.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 16.144 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Tgt Ion: 101 Resp: 44365
Ion Ratio Lower Upper
101 100
103 65.6 53.9 80.9

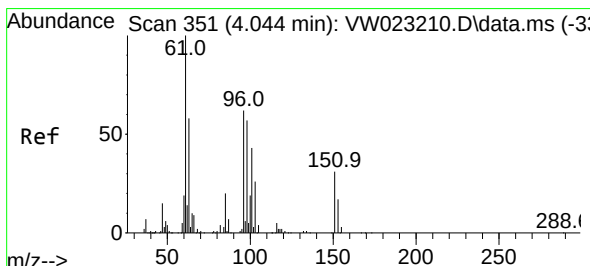
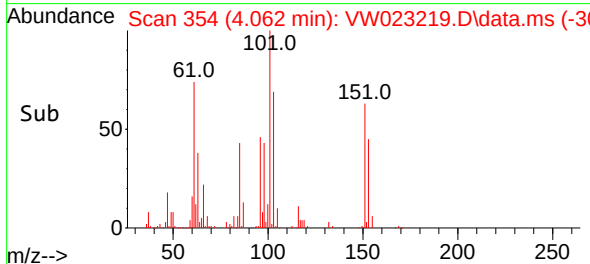
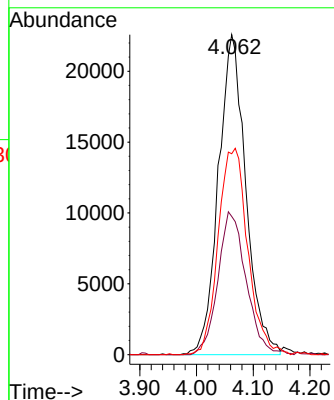
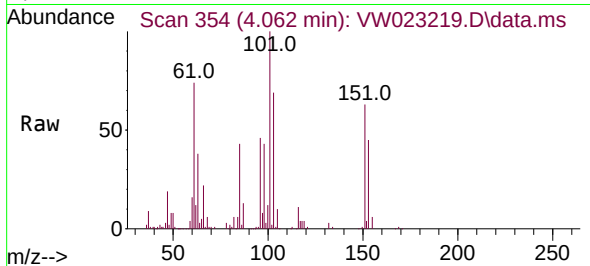




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.448 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW023219.D
 Acq: 21 May 2022 00:12

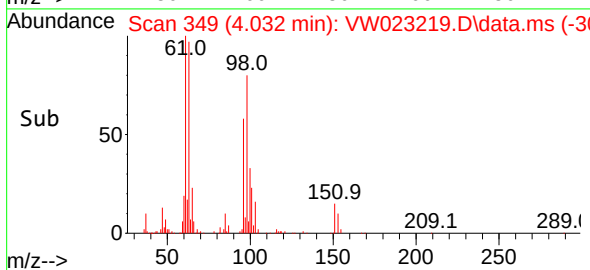
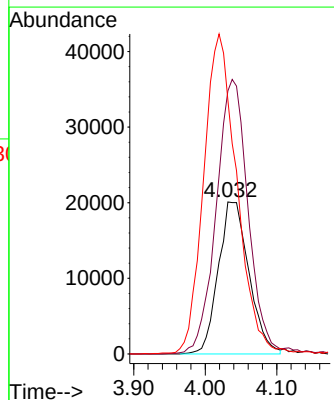
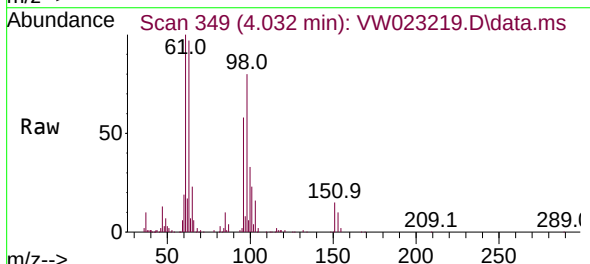
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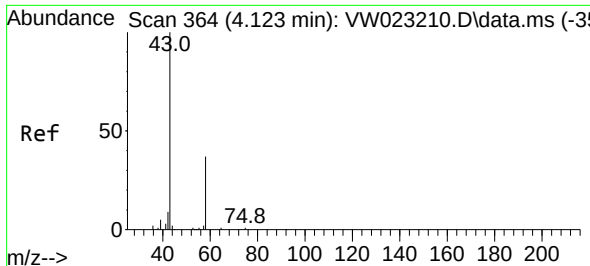
Tgt Ion:101 Resp: 75804
 Ion Ratio Lower Upper
 101 100
 85 45.6 34.3 51.5
 151 68.9 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 16.441 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.012 min
 Lab File: VW023219.D
 Acq: 21 May 2022 00:12

Tgt Ion: 96 Resp: 59888
 Ion Ratio Lower Upper
 96 100
 61 173.0 125.7 233.5
 63 167.0 83.4 155.0#

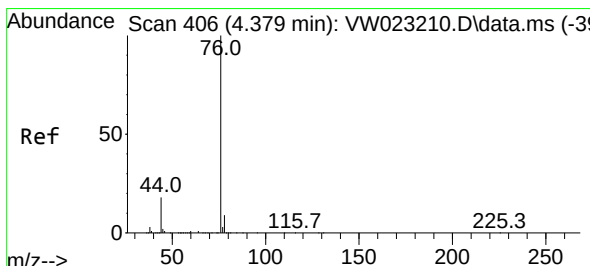
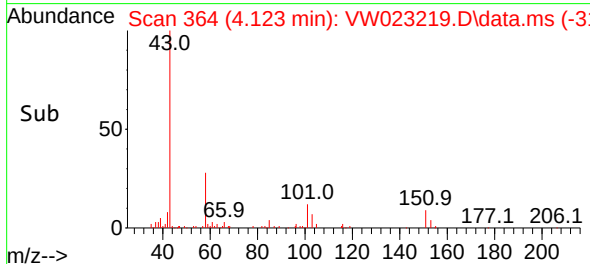
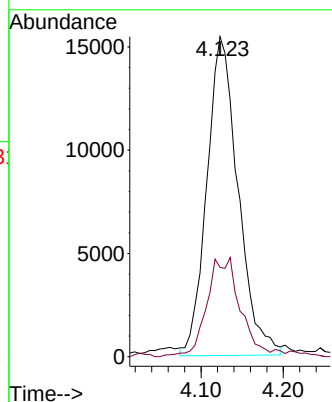
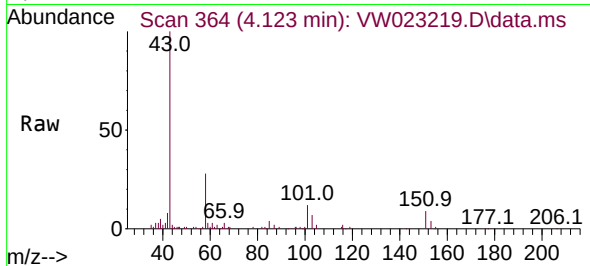




#13
Acetone
Concen: 49.072 ug/L
RT: 4.123 min Scan# 307
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

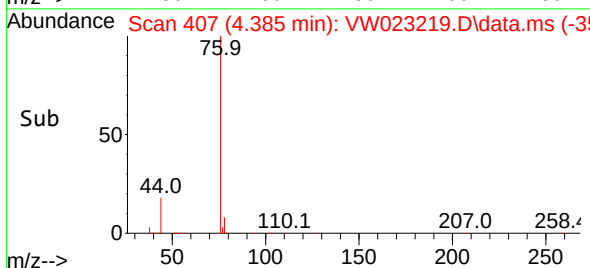
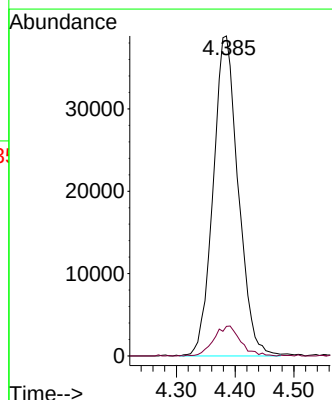
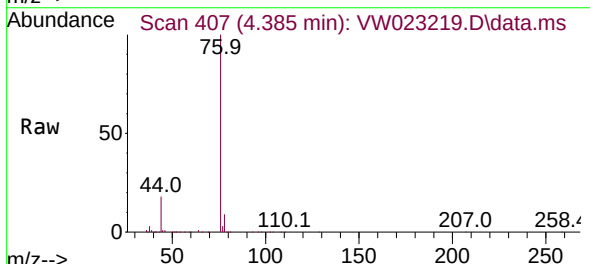
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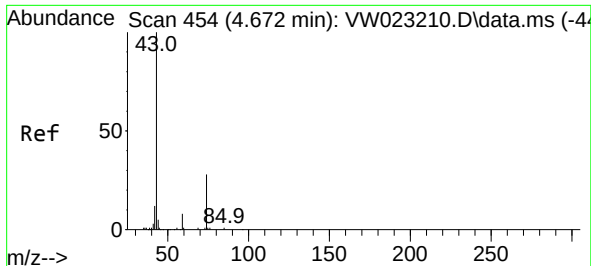
Tgt Ion: 43 Resp: 40758
Ion Ratio Lower Upper
43 100
58 19.3 0.0 64.0



#14
Carbon disulfide
Concen: 11.545 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 115287
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

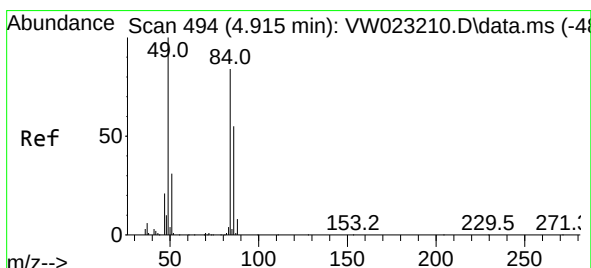
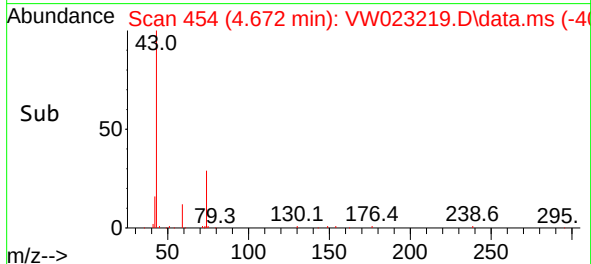
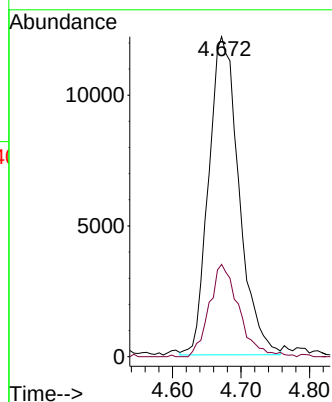
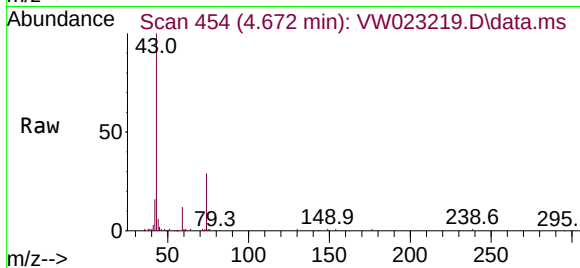




#15
Methyl Acetate
Concen: 22.425 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

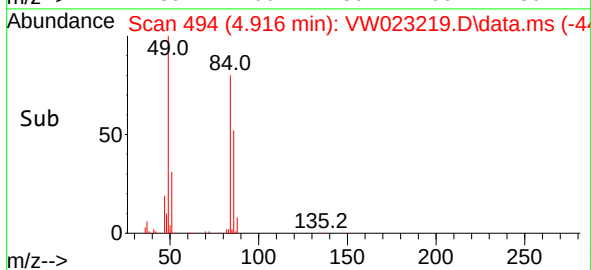
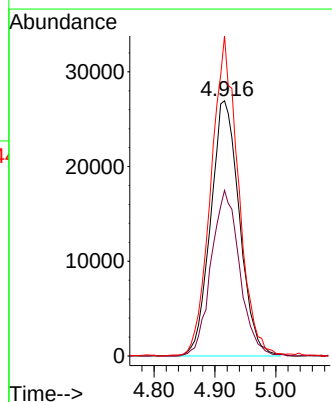
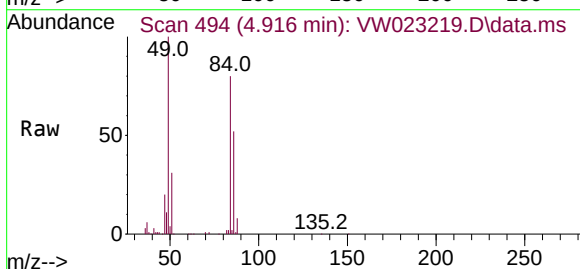
Instrument :
MSVOA_W
ClientSampleId :
EXXZ7MS

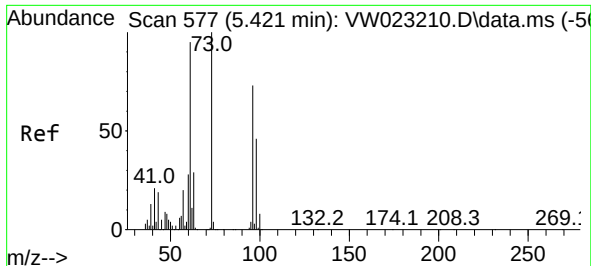
Tgt Ion: 43 Resp: 37420
Ion Ratio Lower Upper
43 100
74 28.0 21.9 32.9



#16
Methylene chloride
Concen: 21.229 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Tgt Ion: 84 Resp: 88343
Ion Ratio Lower Upper
84 100
86 64.9 45.4 84.4
49 125.4 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 17.578 ug/L

RT: 5.428 min Scan# 577

Delta R.T. 0.006 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

Instrument :

MSVOA_W

ClientSampleId :

EXXZ7MS

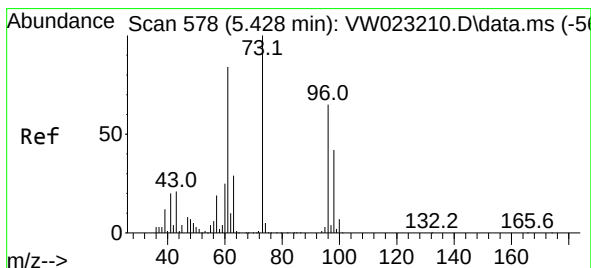
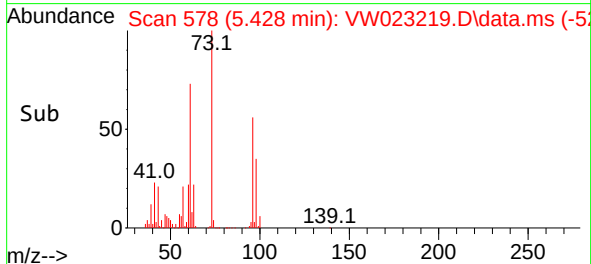
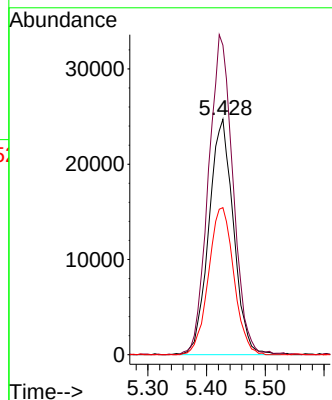
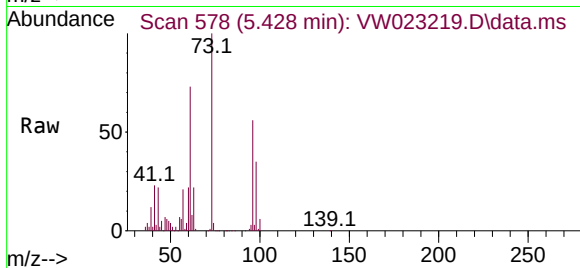
Tgt Ion: 96 Resp: 72055

Ion Ratio Lower Upper

96 100

61 131.5 92.2 171.2

98 62.5 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 25.150 ug/L

RT: 5.422 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

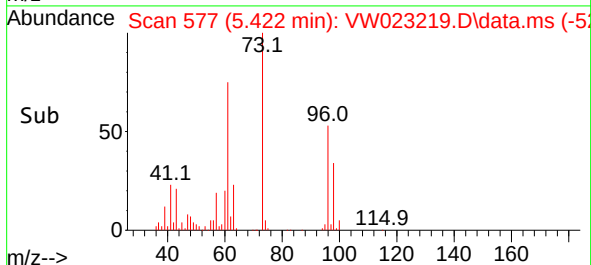
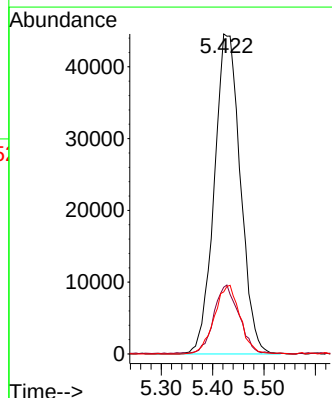
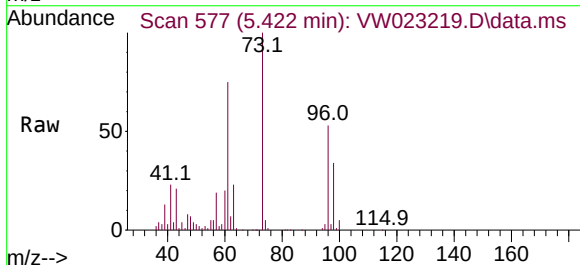
Tgt Ion: 73 Resp: 157377

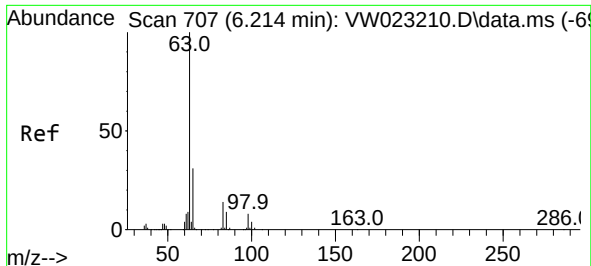
Ion Ratio Lower Upper

73 100

43 20.6 15.9 23.9

57 21.0 16.5 24.7





#19

1,1-Dichloroethane

Concen: 21.674 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

Instrument :

MSVOA_W

ClientSampleId :

EXXZ7MS

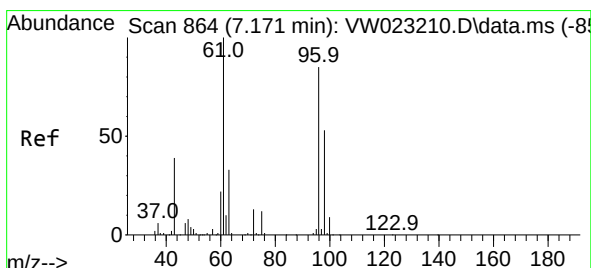
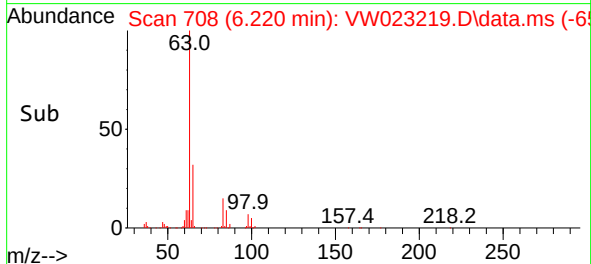
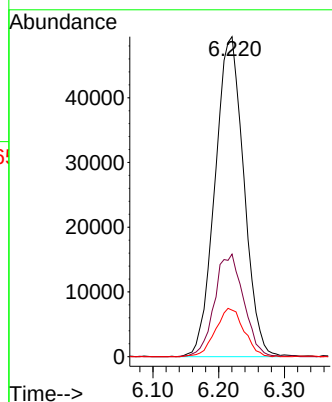
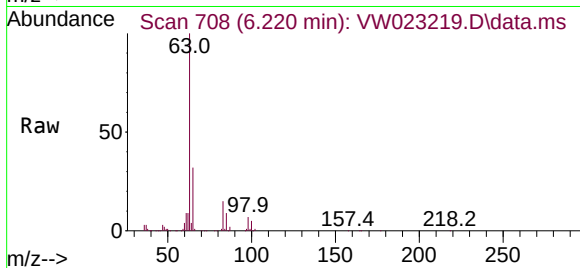
Tgt Ion: 63 Resp: 150577

Ion Ratio Lower Upper

63 100

65 32.0 23.3 43.3

83 14.6 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 21.267 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

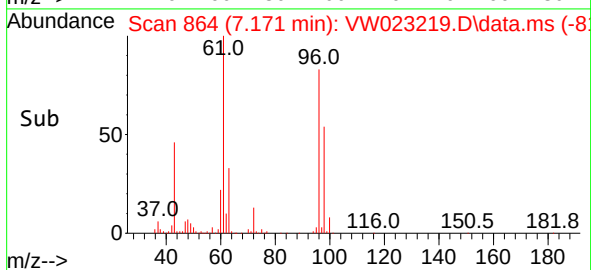
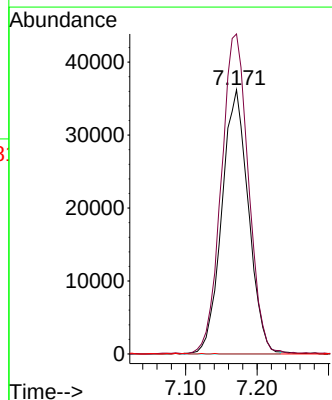
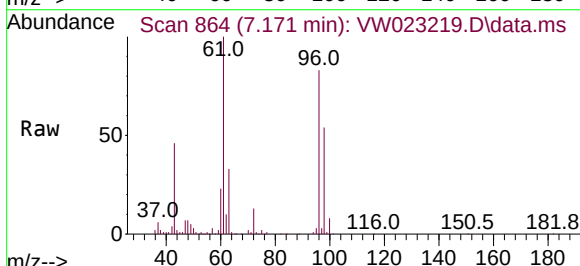
Tgt Ion: 96 Resp: 93634

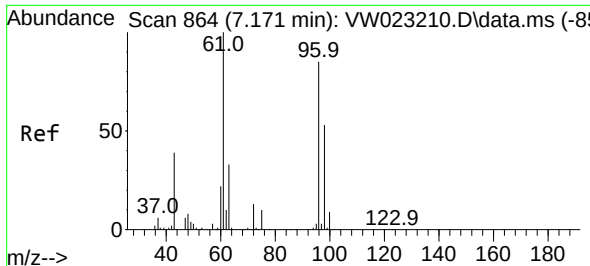
Ion Ratio Lower Upper

96 100

61 121.1 84.2 156.4

68 0.0 0.1 0.1#

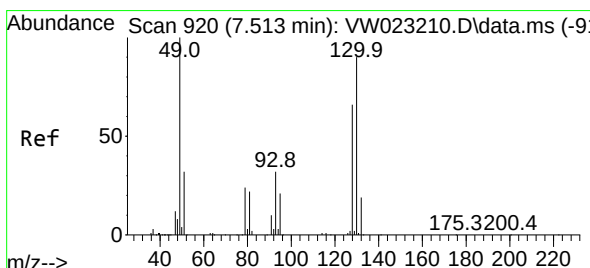
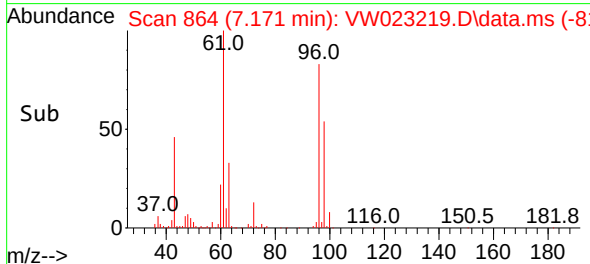
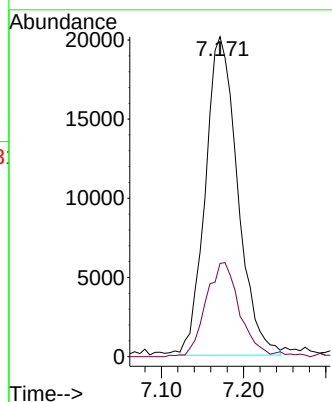
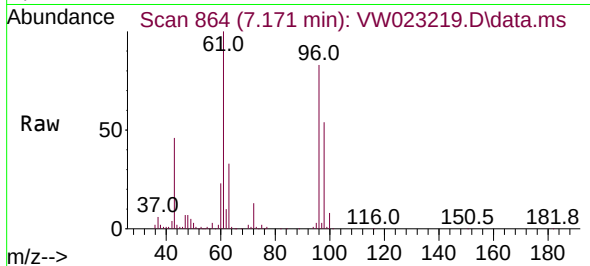




#22
2-Butanone
Concen: 47.299 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

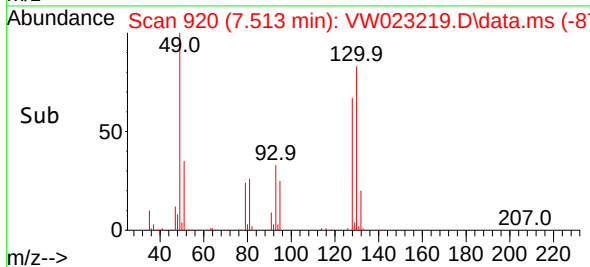
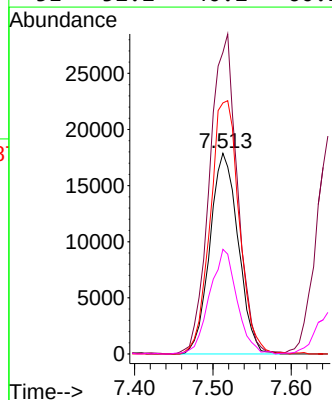
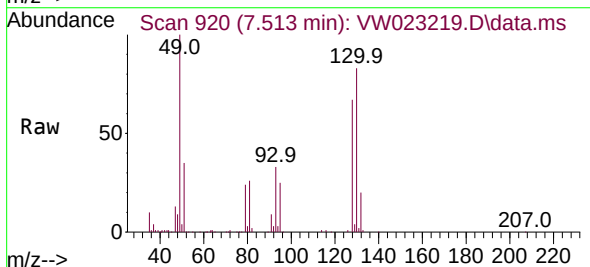
Instrument :
MSVOA_W
ClientSampleId :
EXXZ7MS

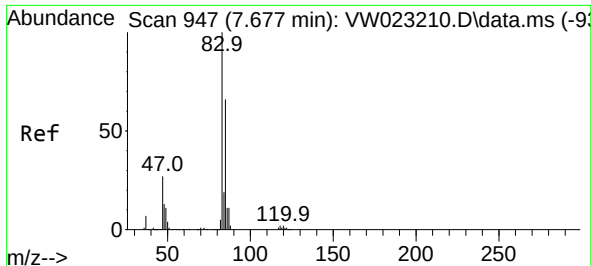
Tgt Ion: 43 Resp: 54941
Ion Ratio Lower Upper
43 100
72 29.3 15.1 45.3



#23
Bromochloromethane
Concen: 21.794 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Tgt Ion: 128 Resp: 44938
Ion Ratio Lower Upper
128 100
49 150.3 110.0 204.4
130 125.1 94.8 176.0
51 52.2 40.2 60.2

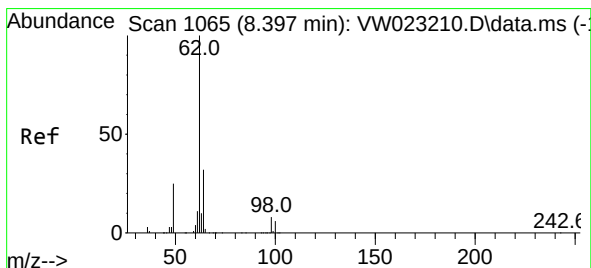
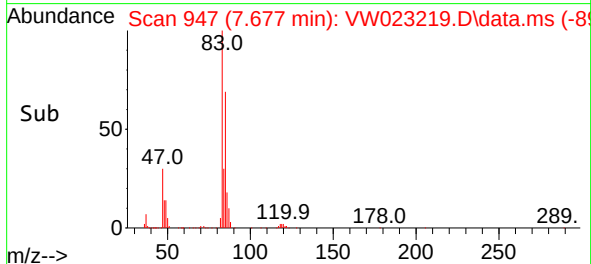
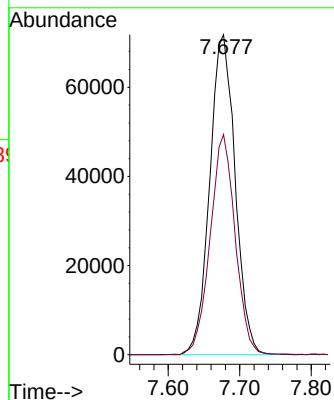
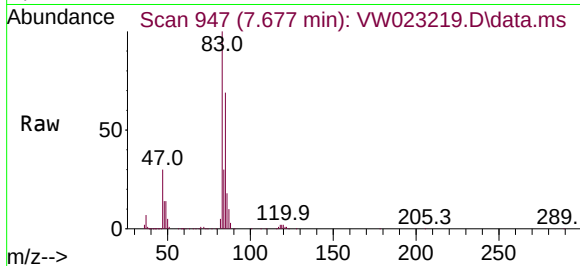




#25
Chloroform
Concen: 23.066 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

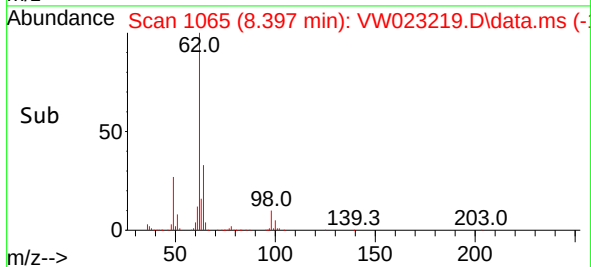
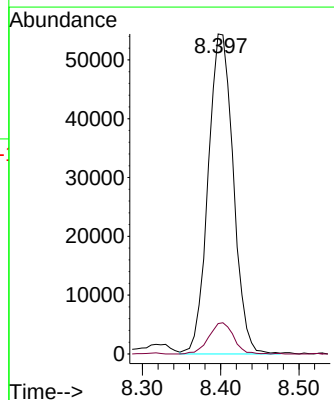
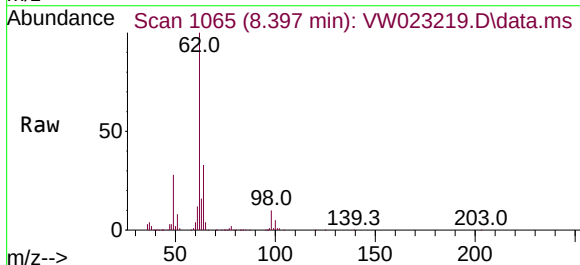
Instrument :
MSVOA_W
ClientSampleId :
EXXZ7MS

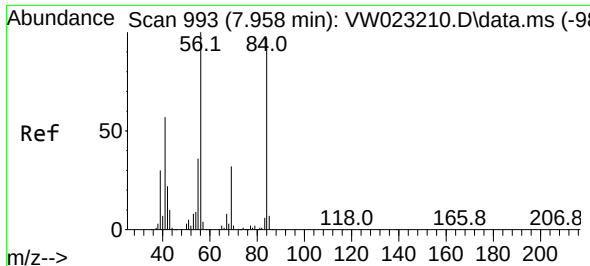
Tgt Ion: 83 Resp: 177191
Ion Ratio Lower Upper
83 100
85 68.8 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.716 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

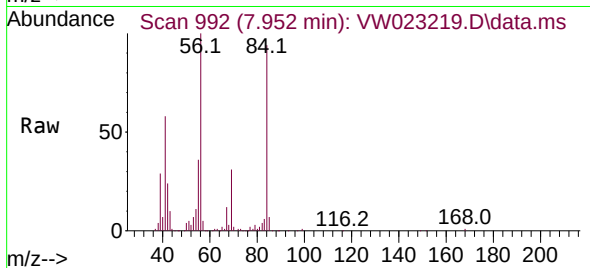
Tgt Ion: 62 Resp: 121441
Ion Ratio Lower Upper
62 100
98 9.5 7.2 10.8



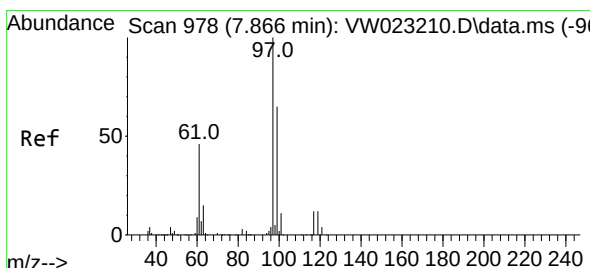
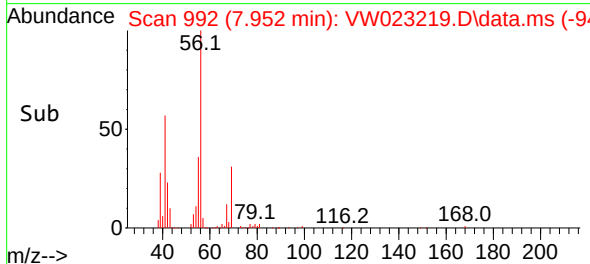
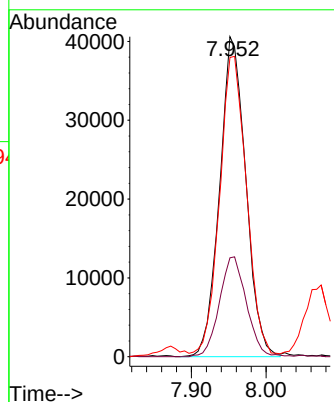


#29
Cyclohexane
Concen: 15.419 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Instrument :
MSVOA_W
ClientSampleId :
EXXZ7MS

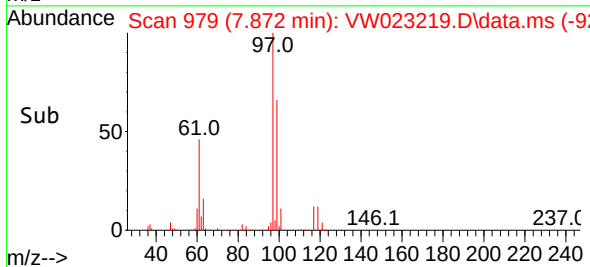
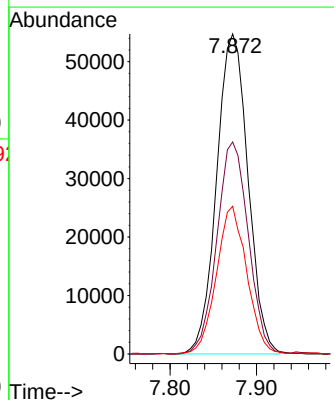
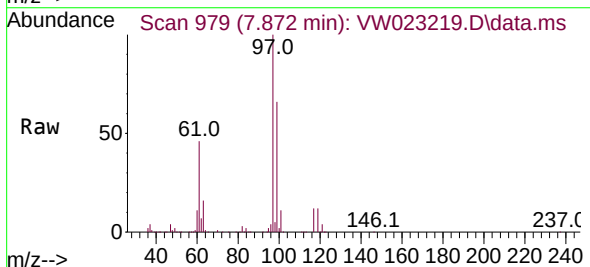


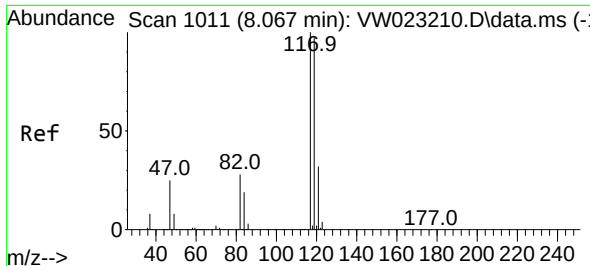
Tgt Ion: 56 Resp: 98942
Ion Ratio Lower Upper
56 100
69 31.9 25.6 38.4
84 96.9 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 19.652 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Tgt Ion: 97 Resp: 137800
Ion Ratio Lower Upper
97 100
99 66.5 51.0 76.4
61 44.7 34.8 52.2

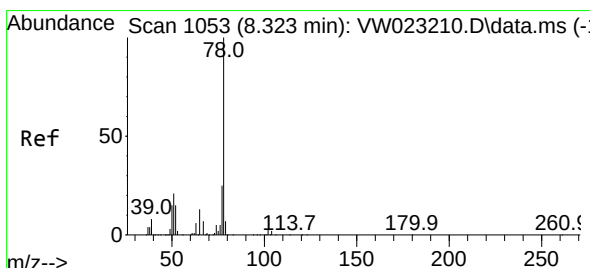
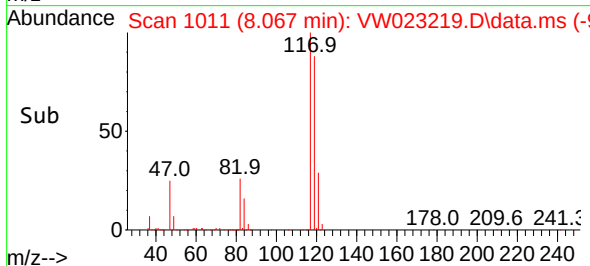
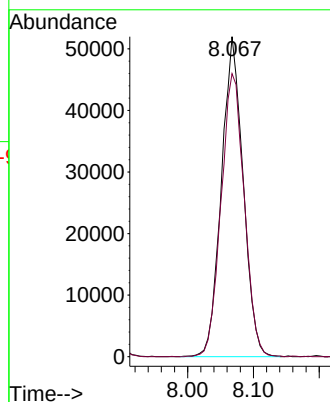
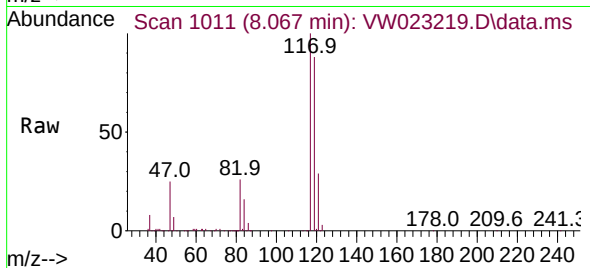




#31
Carbon tetrachloride
Concen: 18.167 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

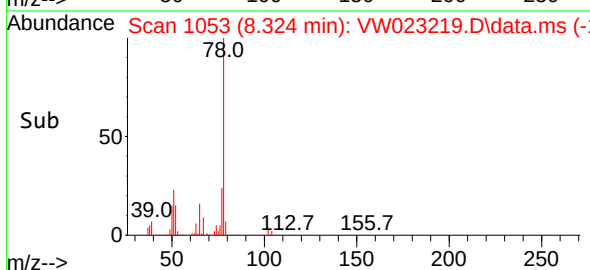
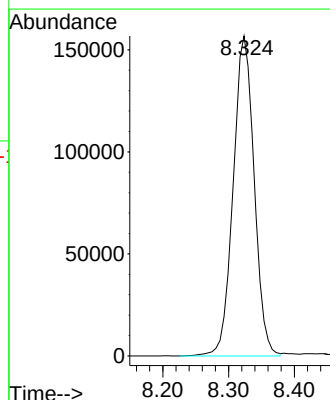
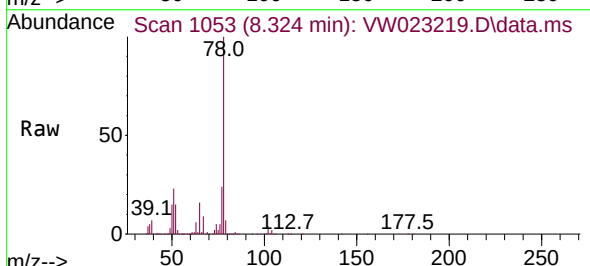
Instrument :
MSVOA_W
ClientSampleId :
EXXZ7MS

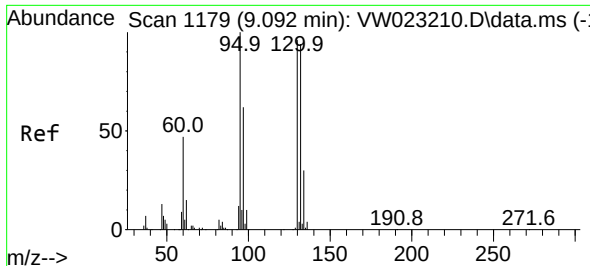
Tgt Ion:117 Resp: 119160
Ion Ratio Lower Upper
117 100
119 94.3 76.6 115.0



#33
Benzene
Concen: 19.925 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Tgt Ion: 78 Resp: 348276



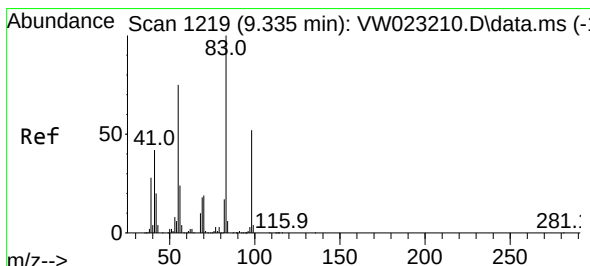
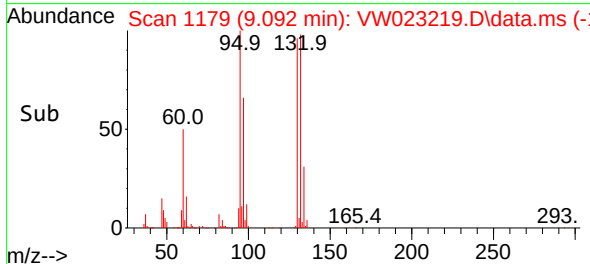
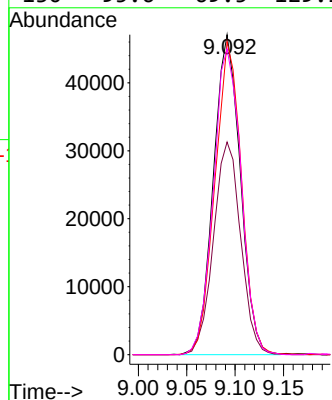
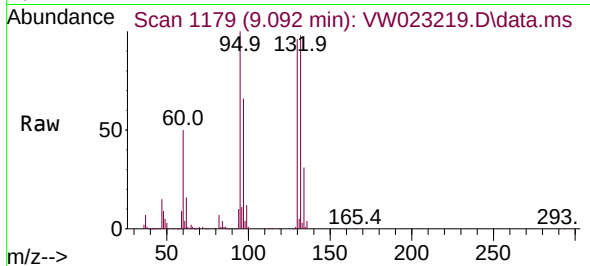


#34
Trichloroethene
Concen: 18.922 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Instrument :
MSVOA_W
ClientSampleId :
EXXZ7MS

Tgt Ion: 95 Resp: 90957

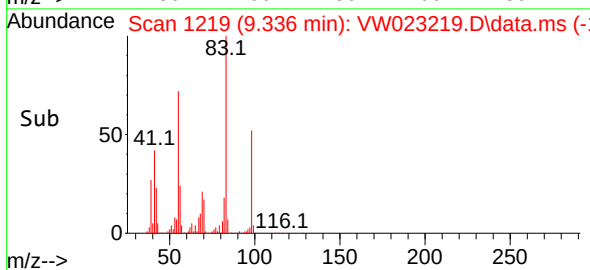
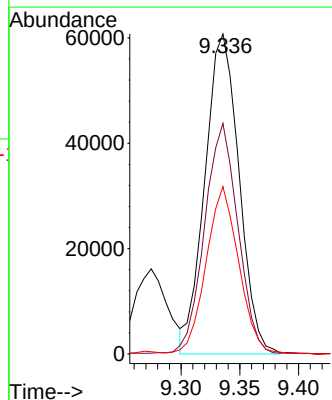
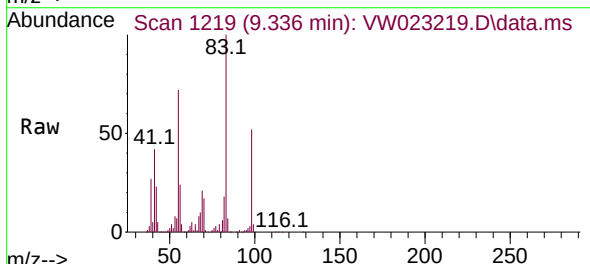
Ion	Ratio	Lower	Upper
95	100		
97	66.4	46.1	85.7
132	97.8	66.9	124.3
130	95.6	69.5	129.1

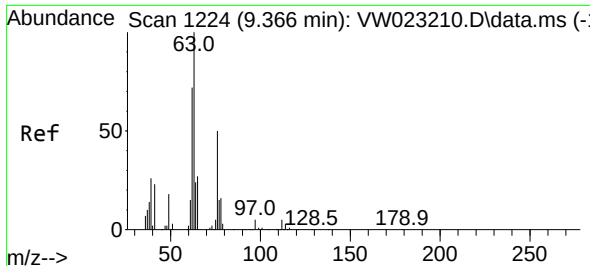


#35
Methylcyclohexane
Concen: 15.550 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Tgt Ion: 83 Resp: 122797

Ion	Ratio	Lower	Upper
83	100		
55	70.5	55.1	82.7
98	49.8	40.4	60.6





#37

1,2-Dichloropropane

Concen: 21.837 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

Instrument :

MSVOA_W

ClientSampleId :

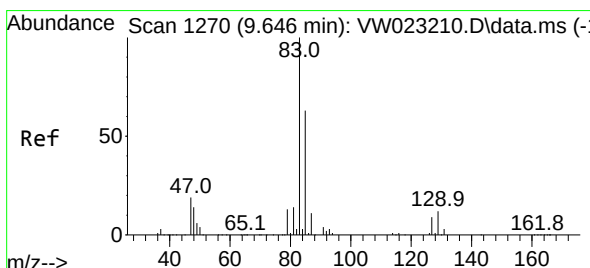
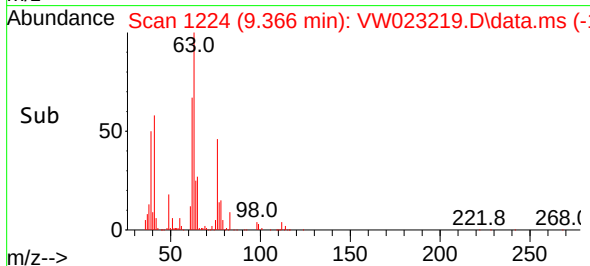
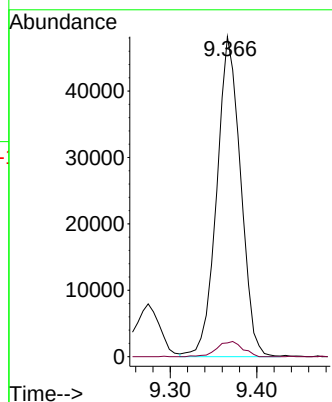
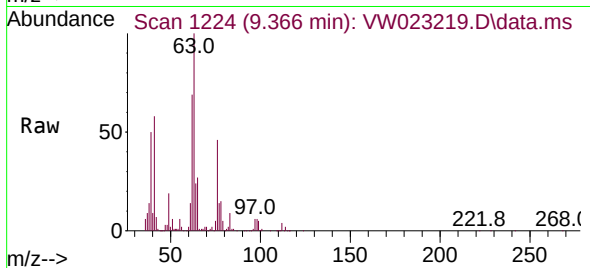
EXXZ7MS

Tgt Ion: 63 Resp: 92369

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 22.254 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

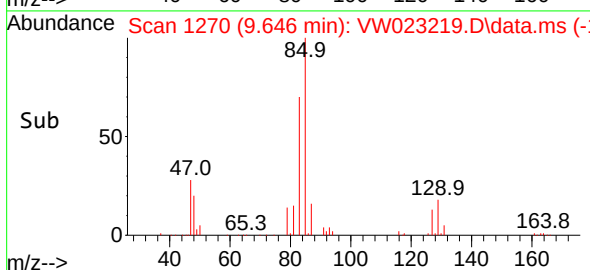
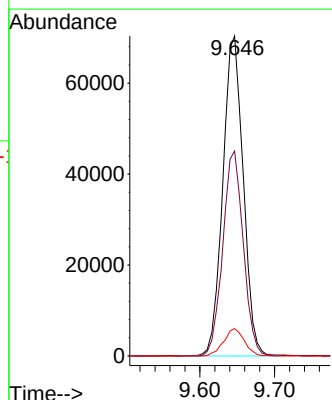
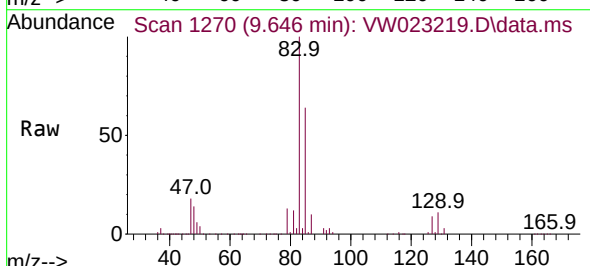
Tgt Ion: 83 Resp: 133702

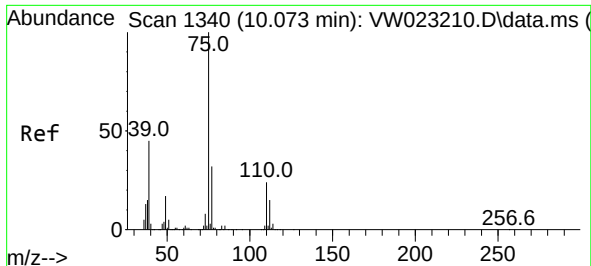
Ion Ratio Lower Upper

83 100

85 64.0 43.5 80.7

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 21.886 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

Instrument :

MSVOA_W

ClientSampleId :

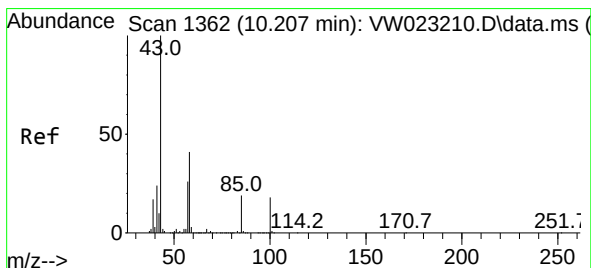
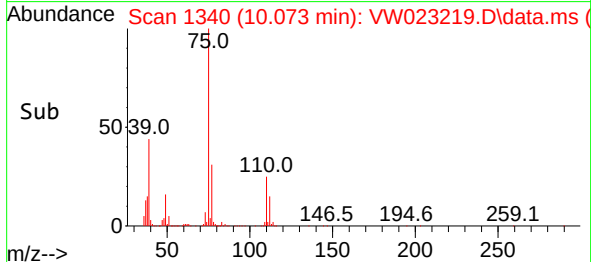
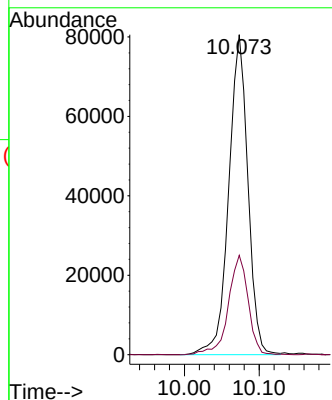
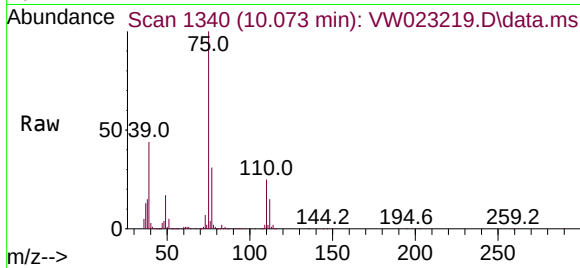
EXXZ7MS

Tgt Ion: 75 Resp: 143544

Ion Ratio Lower Upper

75 100

77 31.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 45.743 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

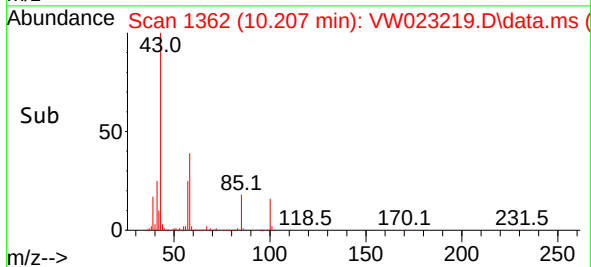
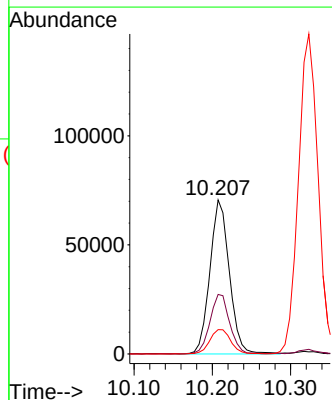
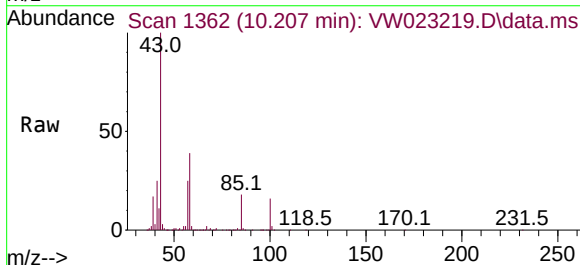
Tgt Ion: 43 Resp: 121956

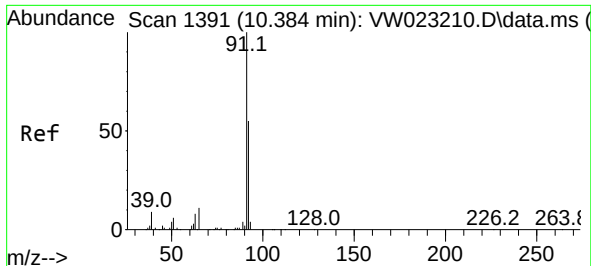
Ion Ratio Lower Upper

43 100

58 38.9 31.4 47.2

100 17.1 14.2 21.4

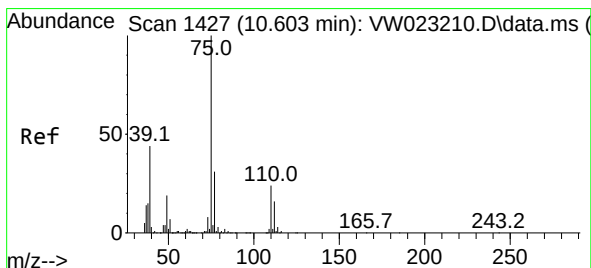
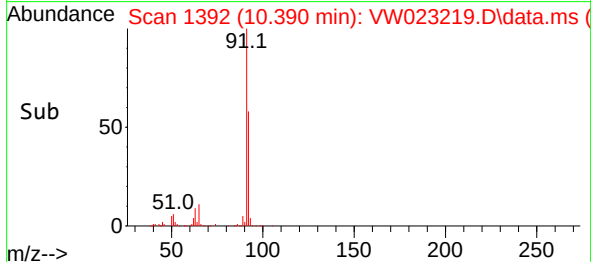
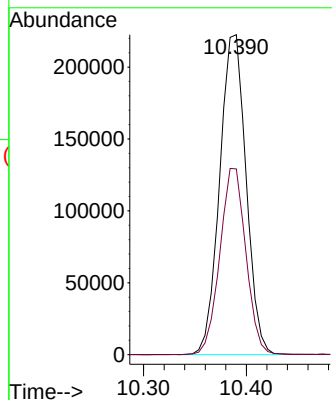
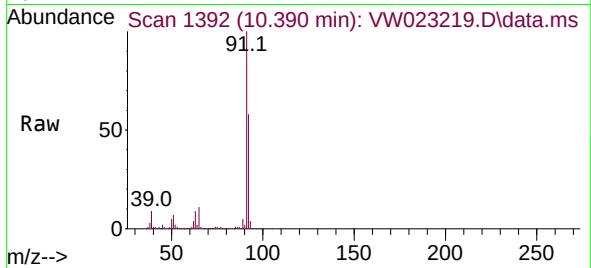




#42
Toluene
Concen: 20.288 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

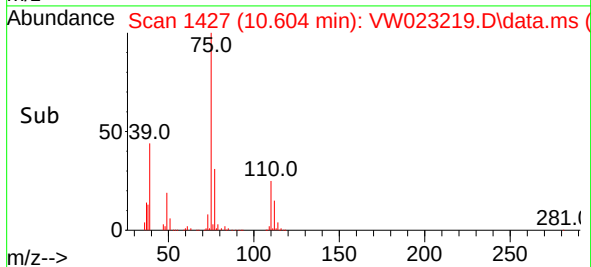
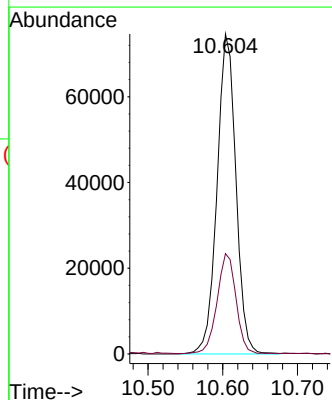
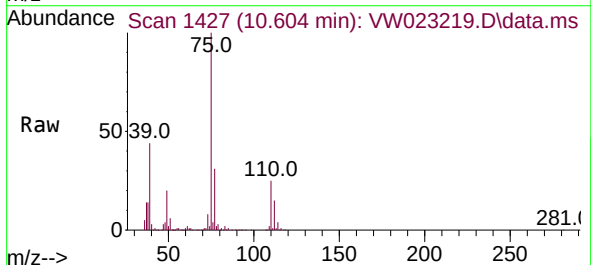
Instrument :
MSVOA_W
ClientSampleId :
EXXZ7MS

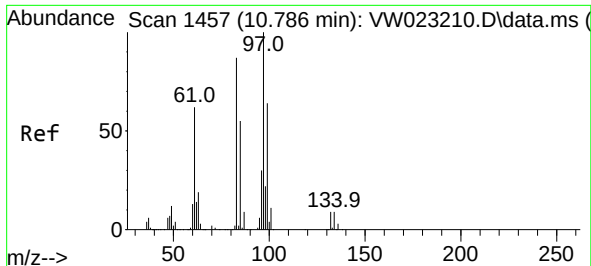
Tgt Ion: 91 Resp: 397424
Ion Ratio Lower Upper
91 100
92 58.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 22.371 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Tgt Ion: 75 Resp: 130967
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8

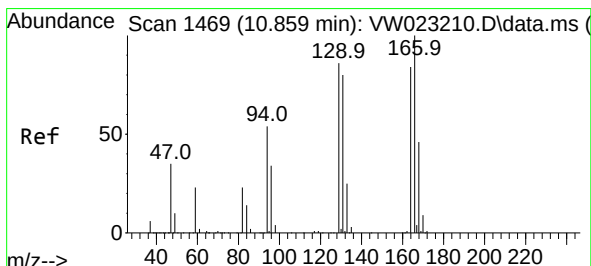
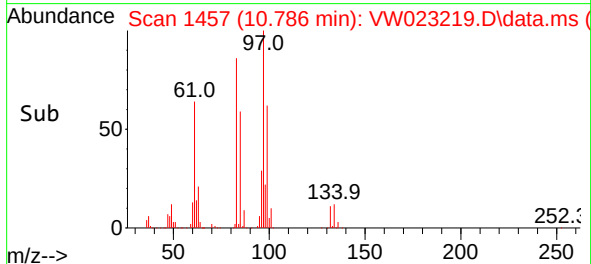
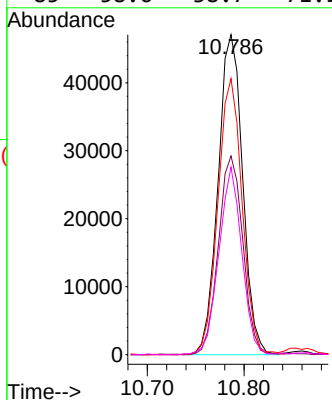
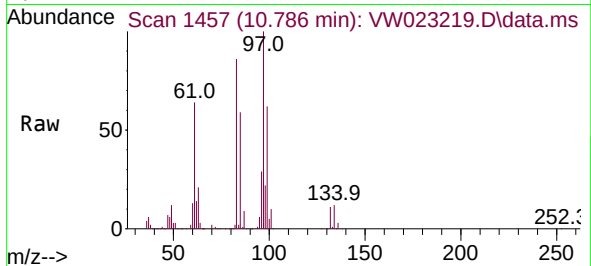




#45
1,1,2-Trichloroethane
Concen: 23.488 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

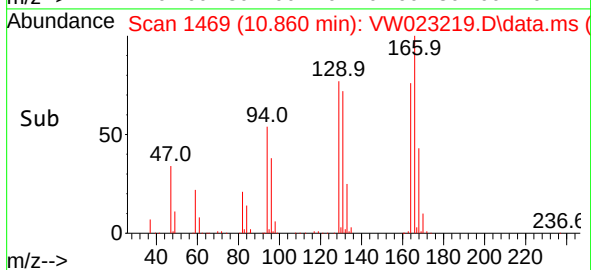
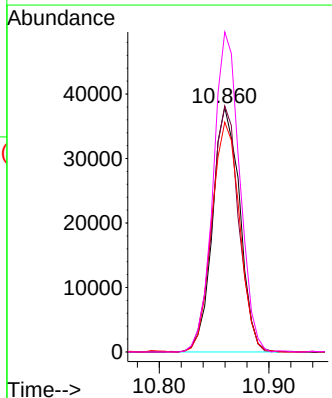
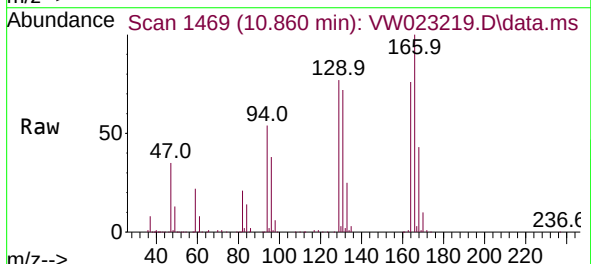
Instrument :
MSVOA_W
ClientSampleId :
EXXZ7MS

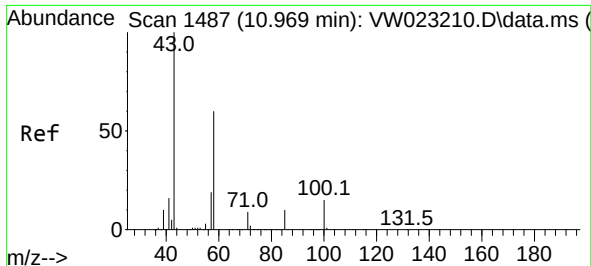
Tgt Ion:	97	Resp:	83055
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.7	82.9
83	86.3	58.4	108.4
85	58.6	38.7	71.9



#46
Tetrachloroethene
Concen: 18.044 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Tgt Ion:	164	Resp:	65184
Ion	Ratio	Lower	Upper
164	100		
129	100.6	76.9	142.7
131	93.9	75.1	139.5
166	130.8	96.0	178.2

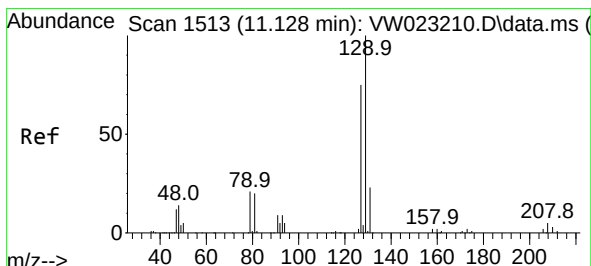
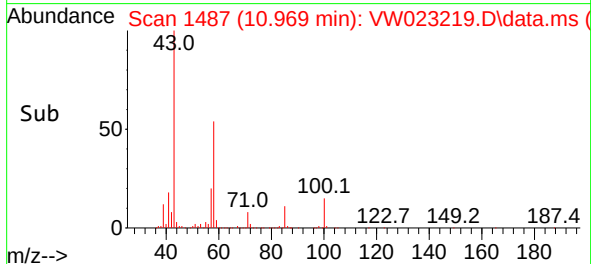
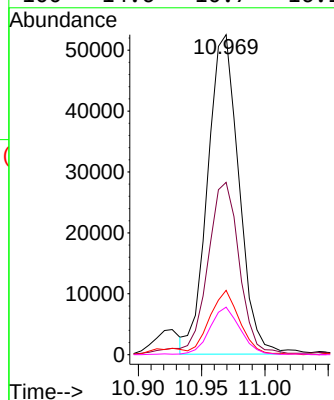
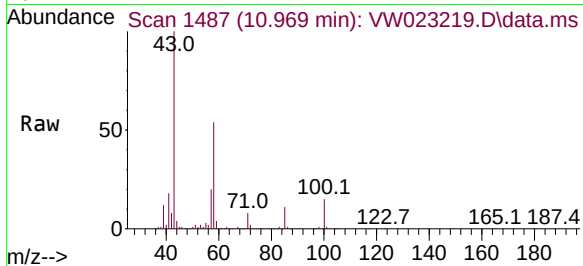




#48
2-Hexanone
Concen: 50.513 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

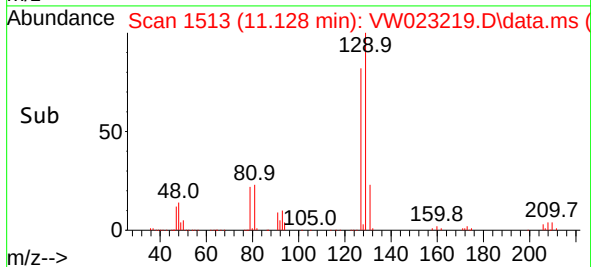
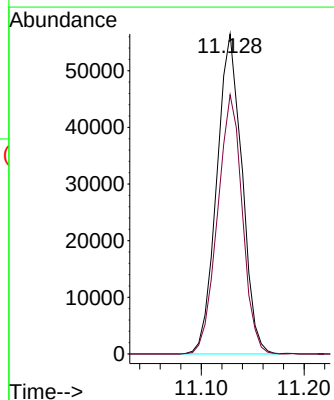
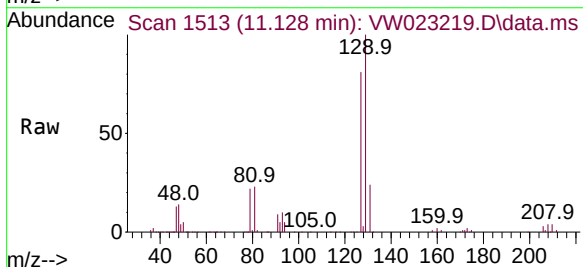
Instrument :
MSVOA_W
ClientSampleId :
EXXZ7MS

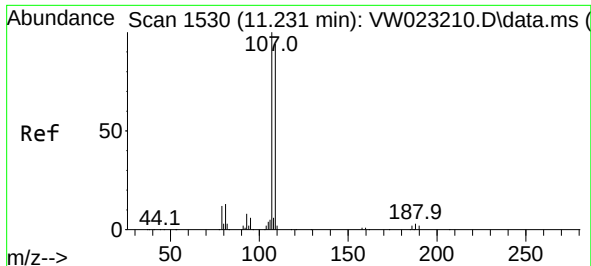
Tgt Ion:	43	Resp:	89984
Ion	Ratio	Lower	Upper
43	100		
58	56.0	45.9	68.9
57	19.6	16.2	24.2
100	14.6	10.7	16.1



#49
Dibromochloromethane
Concen: 22.614 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Tgt Ion:	129	Resp:	96243
Ion	Ratio	Lower	Upper
129	100		
127	81.0	53.8	100.0





#50

1,2-Dibromoethane

Concen: 21.981 ug/L

RT: 11.232 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

Instrument :

MSVOA_W

ClientSampleId :

EXXZ7MS

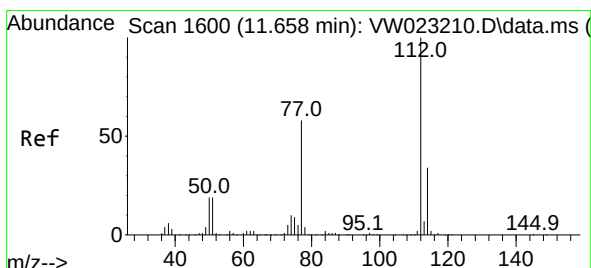
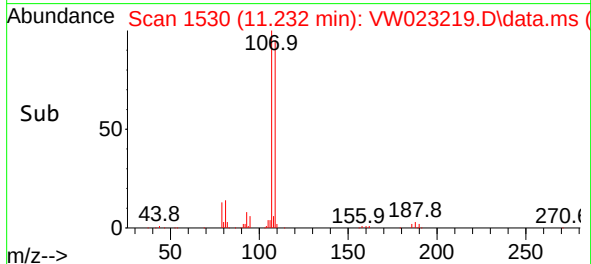
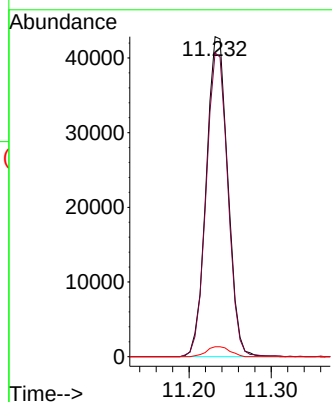
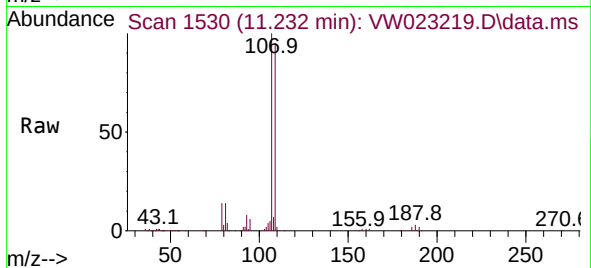
Tgt Ion:107 Resp: 78046

Ion Ratio Lower Upper

107 100

109 94.9 67.5 125.4

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 20.657 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

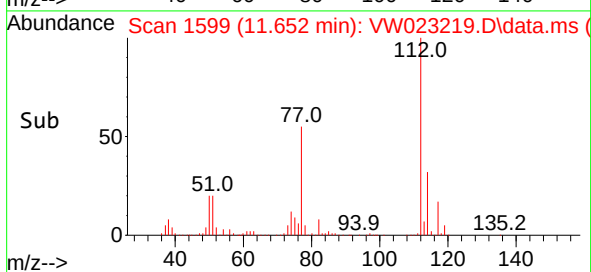
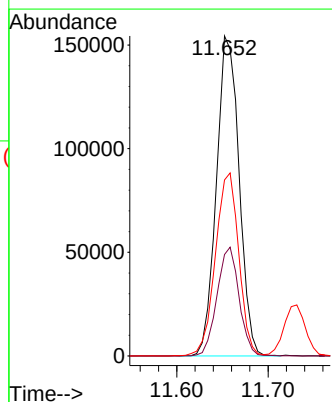
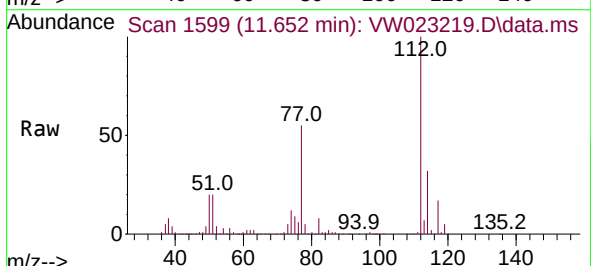
Tgt Ion:112 Resp: 266772

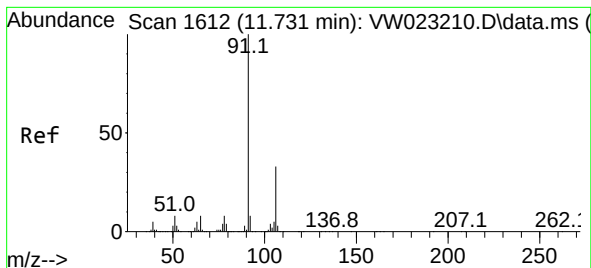
Ion Ratio Lower Upper

112 100

114 31.7 22.0 41.0

77 55.0 42.6 63.8

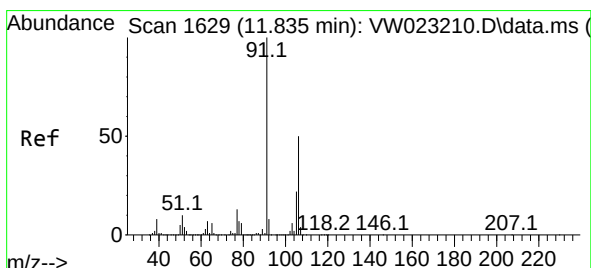
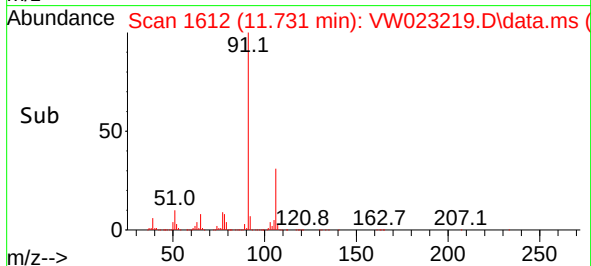
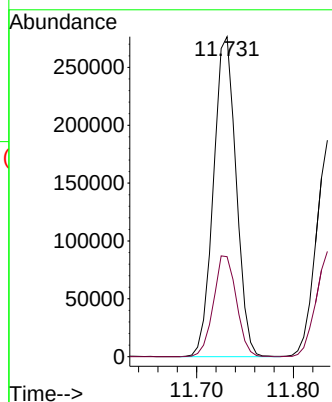
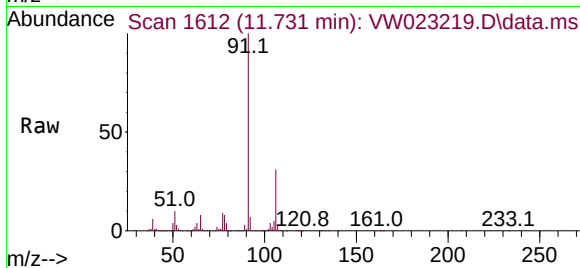




#52
Ethylbenzene
Concen: 20.643 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

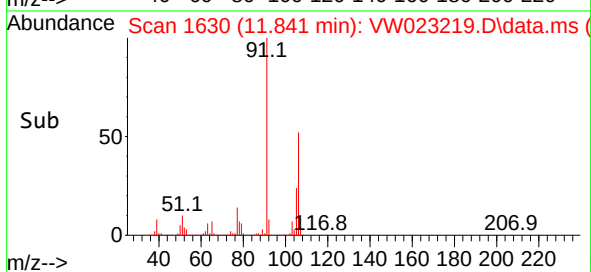
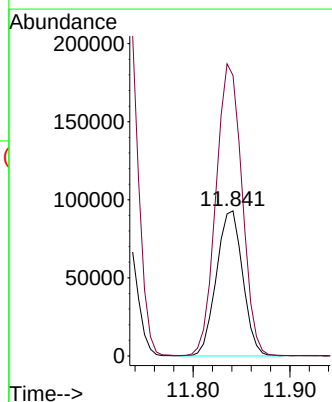
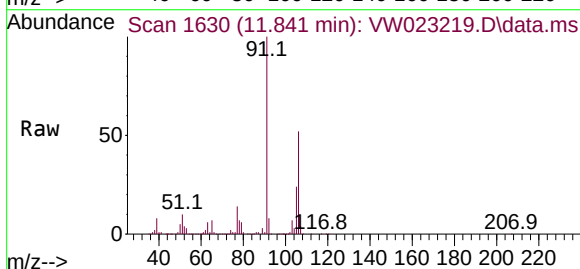
Instrument :
MSVOA_W
ClientSampleId :
EXXZ7MS

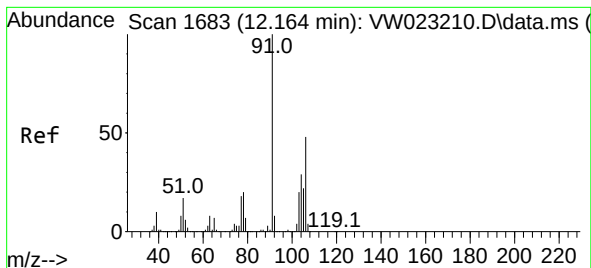
Tgt Ion: 91 Resp: 449879
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.3



#53
m,p-Xylene
Concen: 20.467 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Tgt Ion: 106 Resp: 175755
Ion Ratio Lower Upper
106 100
91 193.3 136.8 254.0





#54

o-Xylene

Concen: 21.339 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

Instrument :

MSVOA_W

ClientSampleId :

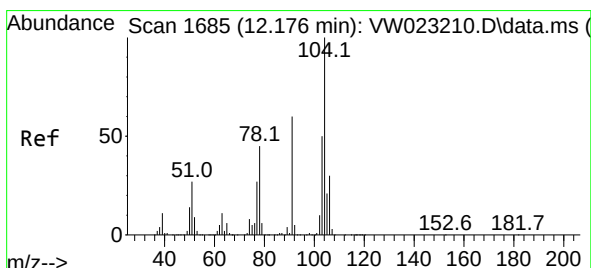
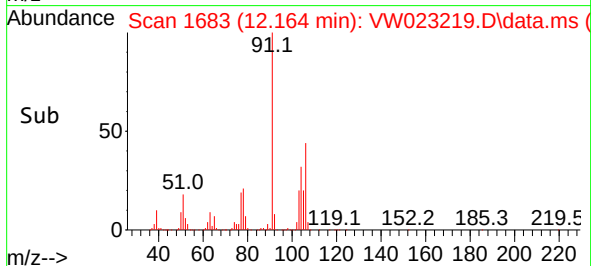
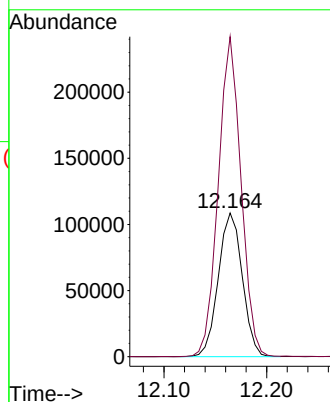
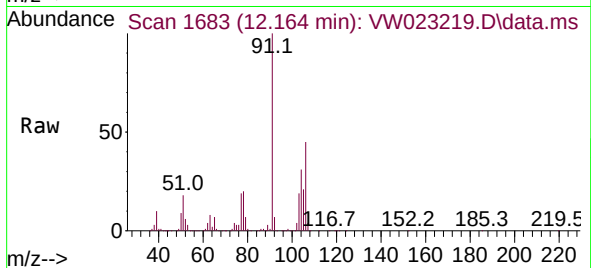
EXXZ7MS

Tgt Ion:106 Resp: 175839

Ion Ratio Lower Upper

106 100

91 222.8 147.2 273.4



#55

Styrene

Concen: 22.532 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW023219.D

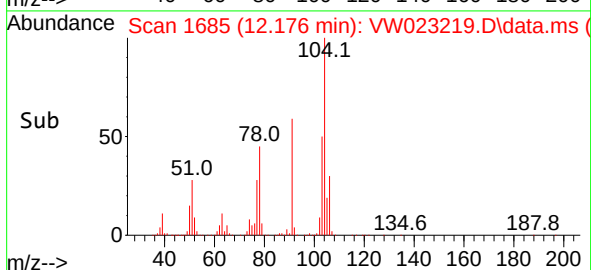
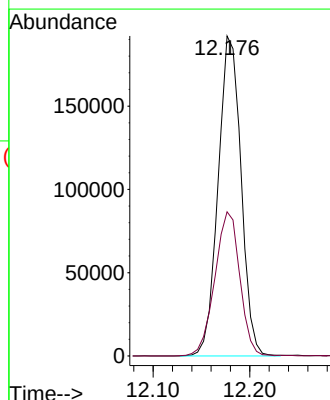
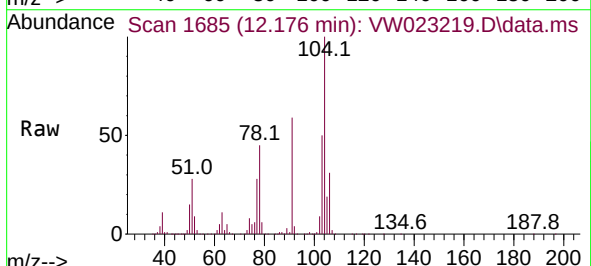
Acq: 21 May 2022 00:12

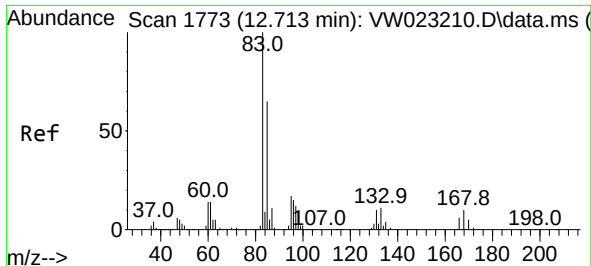
Tgt Ion:104 Resp: 315490

Ion Ratio Lower Upper

104 100

78 45.0 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.710 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

Instrument :

MSVOA_W

ClientSampleId :

EXXZ7MS

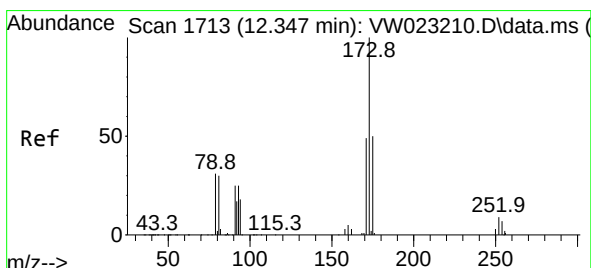
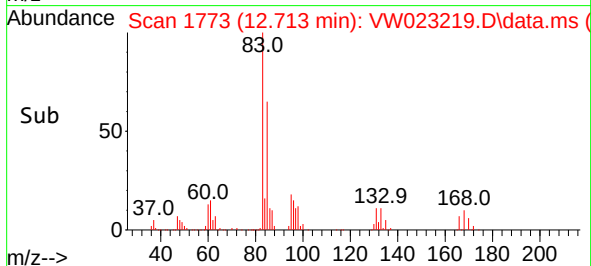
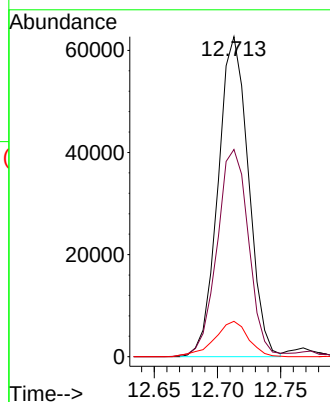
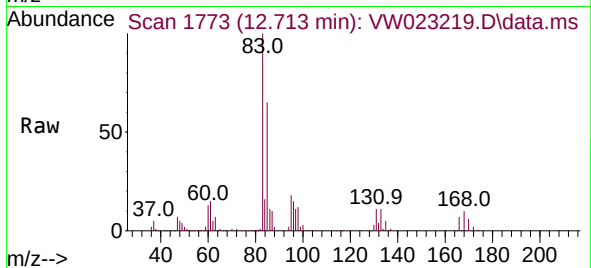
Tgt Ion: 83 Resp: 104721

Ion Ratio Lower Upper

83 100

85 64.7 47.5 88.1

131 11.1 8.7 13.1



#59

Bromoform

Concen: 21.345 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

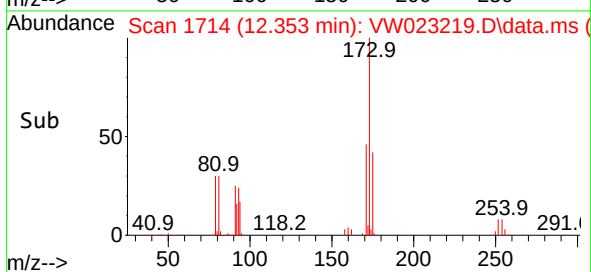
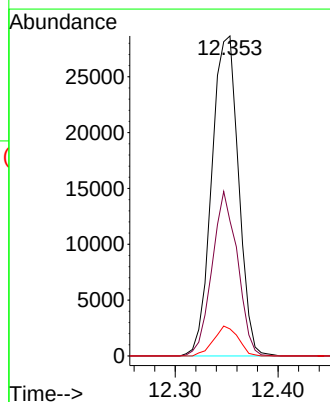
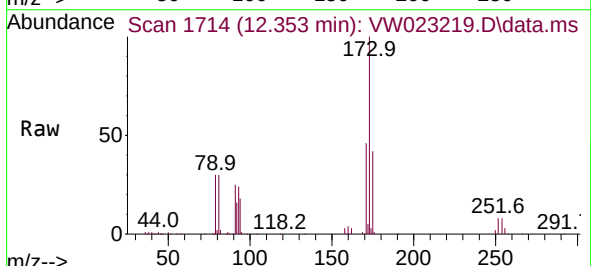
Tgt Ion: 173 Resp: 51859

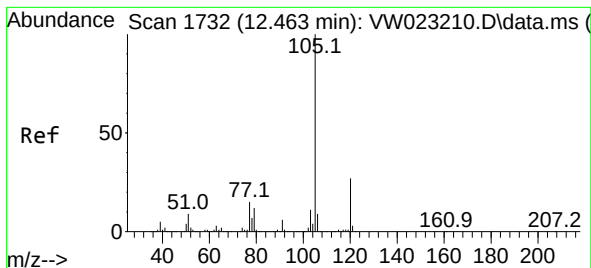
Ion Ratio Lower Upper

173 100

175 48.7 38.1 57.1

254 8.6 6.5 9.7





#60

Isopropylbenzene

Concen: 20.034 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

Instrument :

MSVOA_W

ClientSampleId :

EXXZ7MS

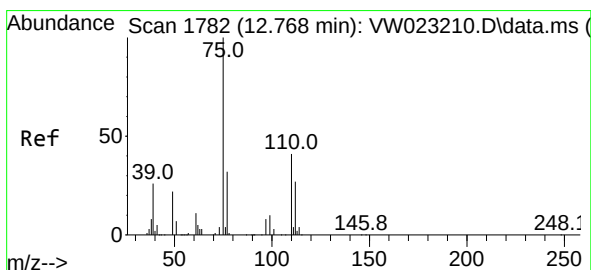
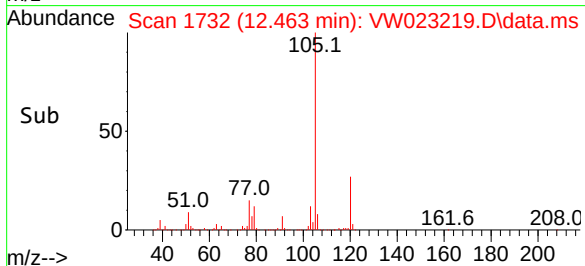
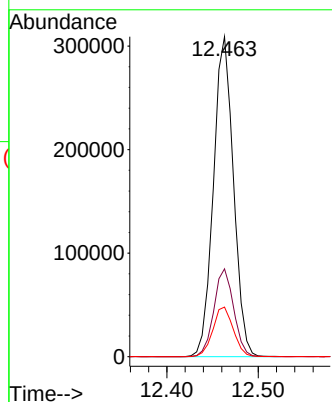
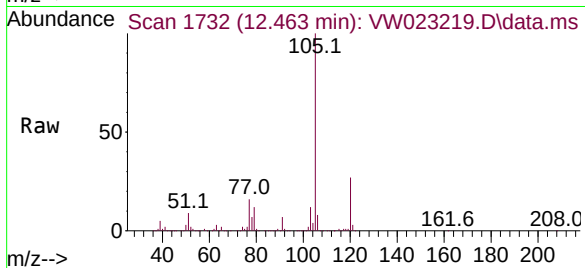
Tgt Ion:105 Resp: 470515

Ion Ratio Lower Upper

105 100

120 27.2 21.3 31.9

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 22.535 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

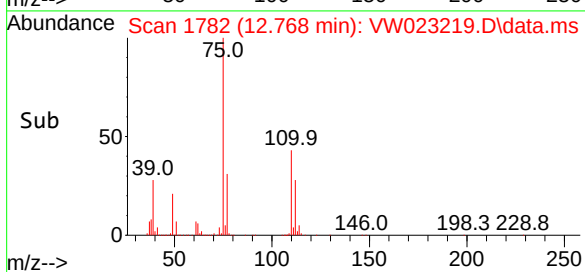
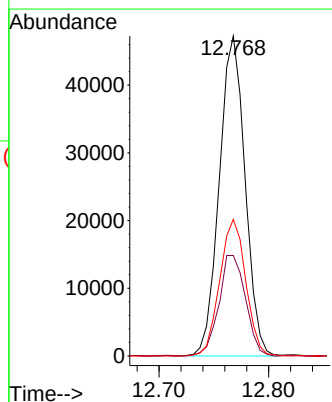
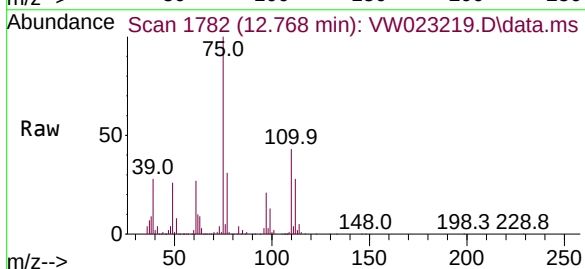
Tgt Ion: 75 Resp: 77191

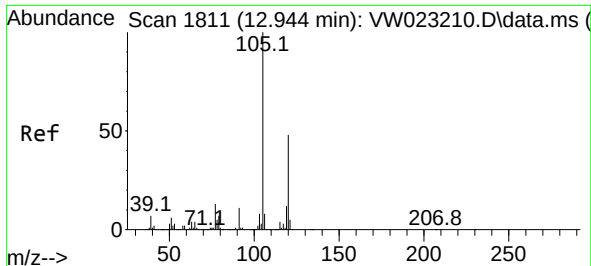
Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

110 43.0 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 19.831 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

Instrument :

MSVOA_W

ClientSampleId :

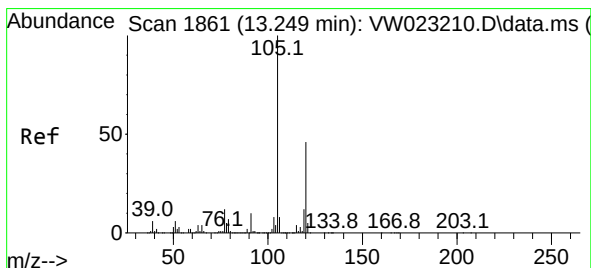
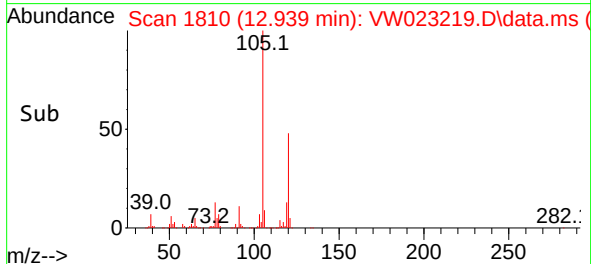
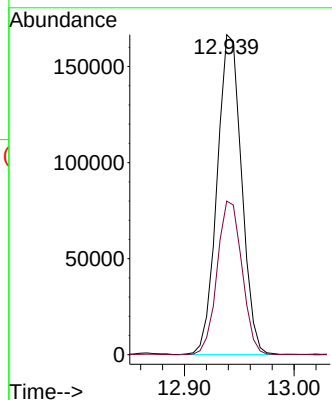
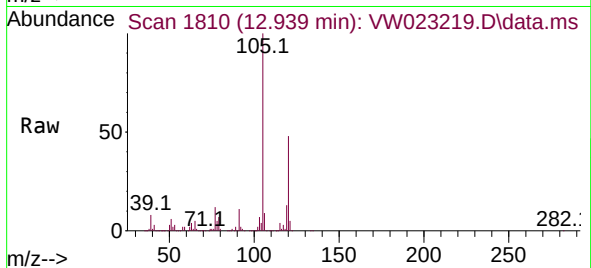
EXXZ7MS

Tgt Ion:105 Resp: 259117

Ion Ratio Lower Upper

105 100

120 48.6 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 20.710 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023219.D

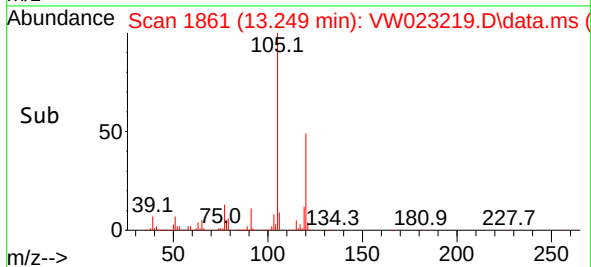
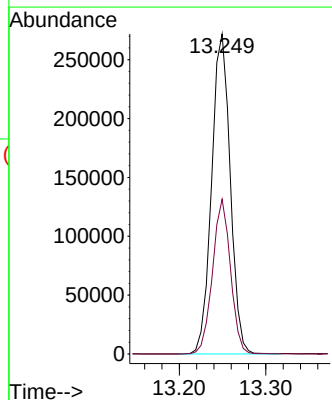
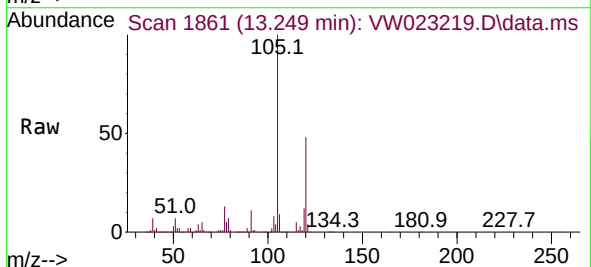
Acq: 21 May 2022 00:12

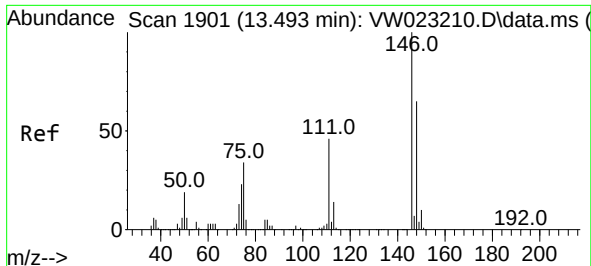
Tgt Ion:105 Resp: 406301

Ion Ratio Lower Upper

105 100

120 46.6 37.4 56.2

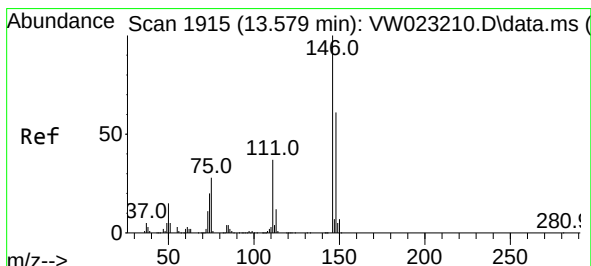
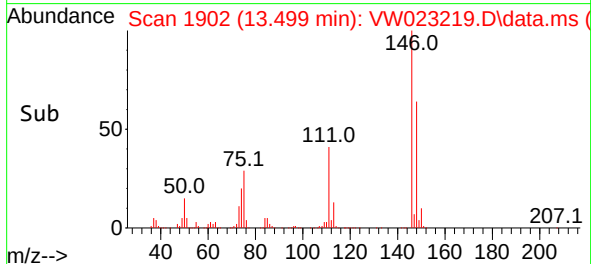
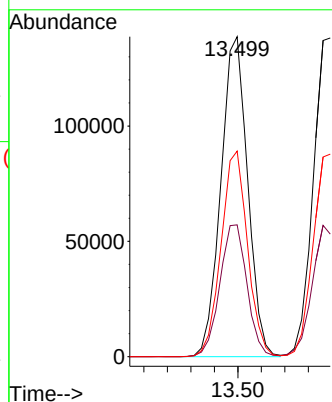
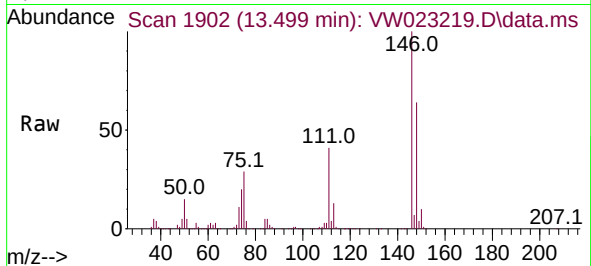




#64
1,3-Dichlorobenzene
Concen: 20.979 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

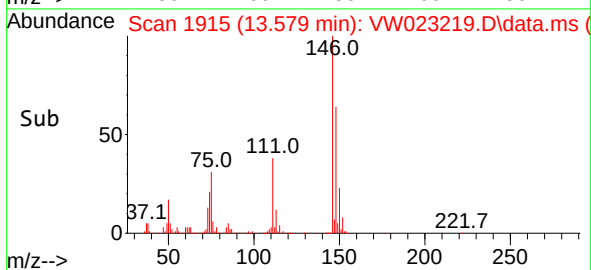
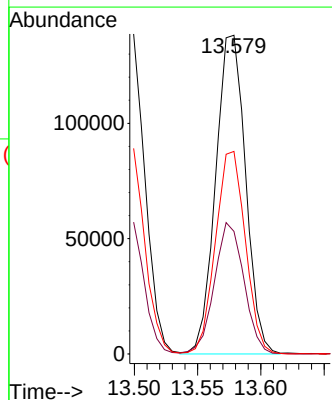
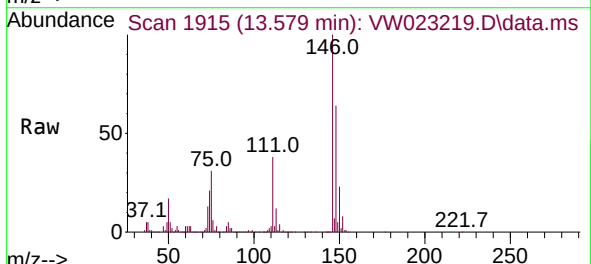
Instrument :
MSVOA_W
ClientSampleId :
EXXZ7MS

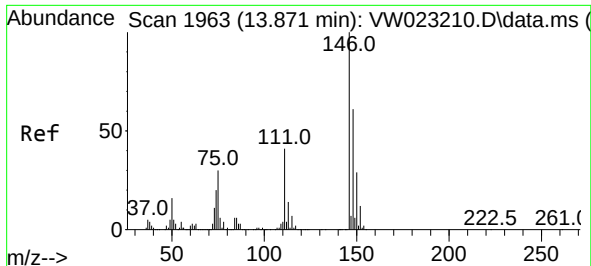
Tgt Ion:146 Resp: 219982
Ion Ratio Lower Upper
146 100
111 41.2 29.5 54.9
148 64.2 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 21.013 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Tgt Ion:146 Resp: 227587
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.4
148 63.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 22.174 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

Instrument :

MSVOA_W

ClientSampleId :

EXXZ7MS

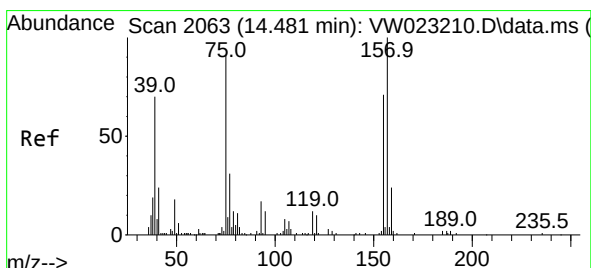
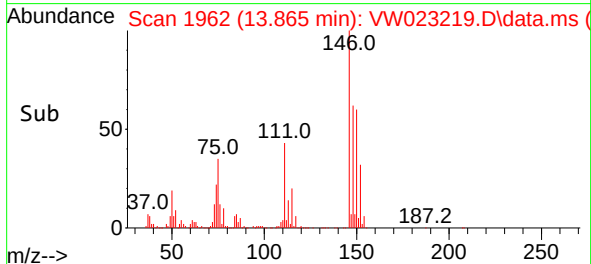
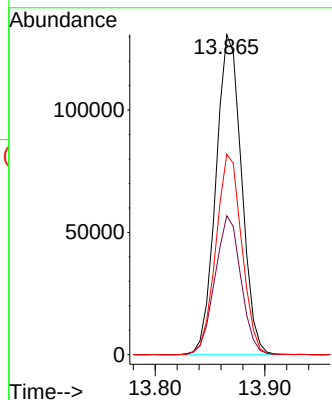
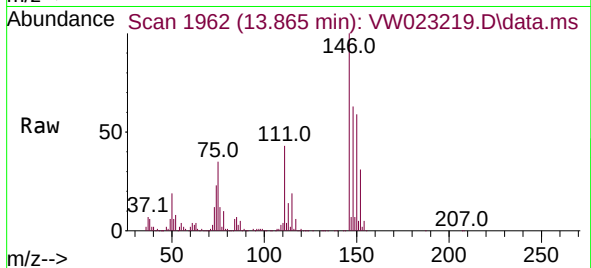
Tgt Ion:146 Resp: 212759

Ion Ratio Lower Upper

146 100

111 43.4 35.7 53.5

148 62.6 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.652 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

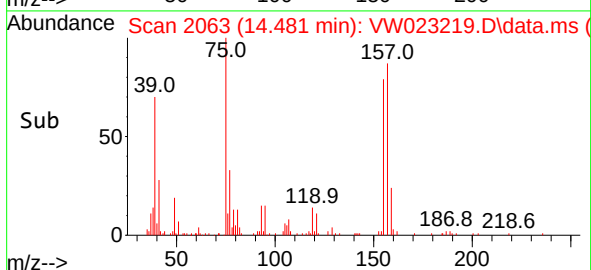
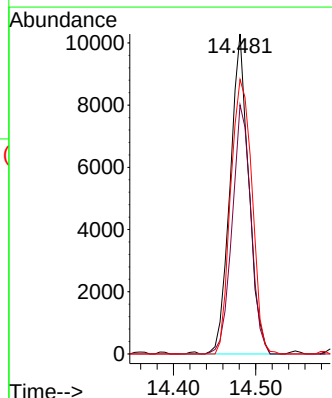
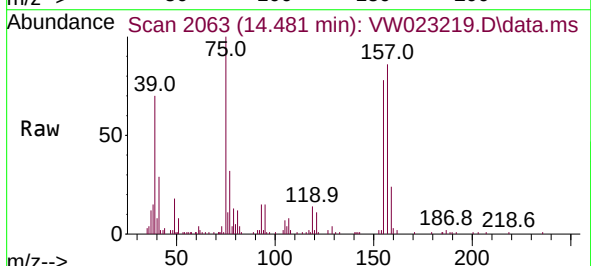
Tgt Ion: 75 Resp: 16209

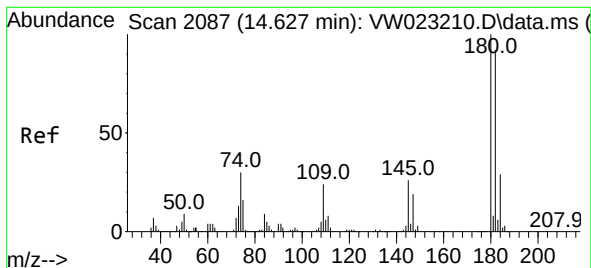
Ion Ratio Lower Upper

75 100

155 77.9 59.3 88.9

157 85.8 89.8 134.8#





#69

1,3,5-Trichlorobenzene

Concen: 19.982 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

Instrument :

MSVOA_W

ClientSampleId :

EXXZ7MS

Tgt Ion:180 Resp: 139076

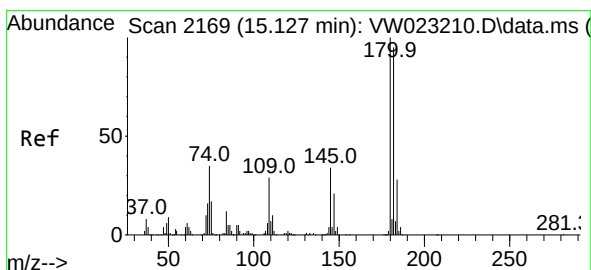
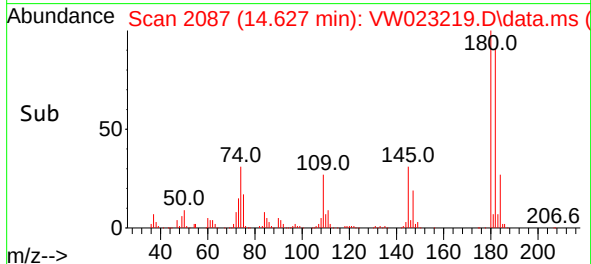
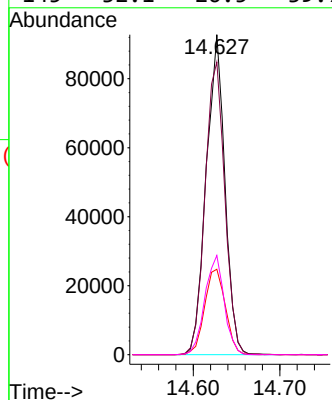
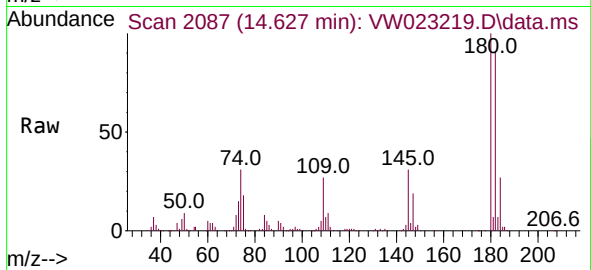
Ion Ratio Lower Upper

180 100

182 96.6 74.8 112.2

184 29.7 23.4 35.2

145 32.1 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 20.820 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023219.D

Acq: 21 May 2022 00:12

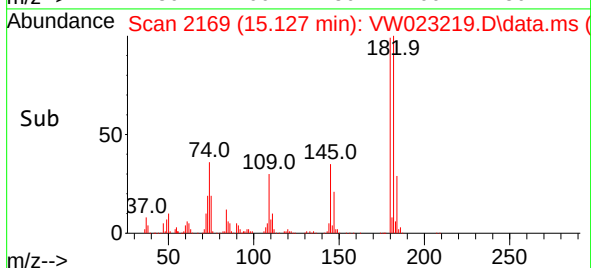
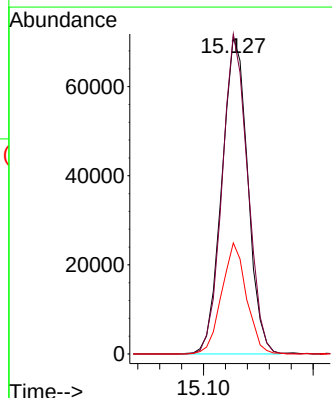
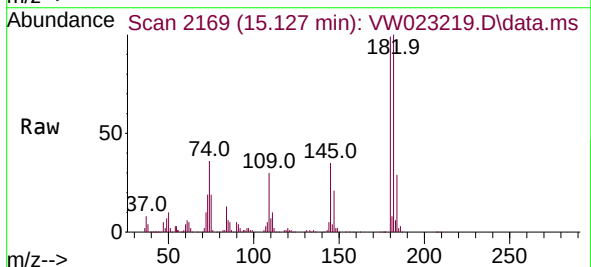
Tgt Ion:180 Resp: 116567

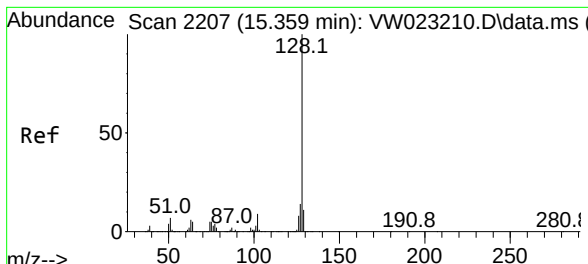
Ion Ratio Lower Upper

180 100

182 99.4 74.9 112.3

145 33.6 26.6 39.8

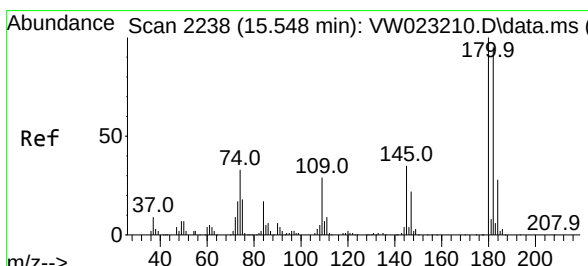
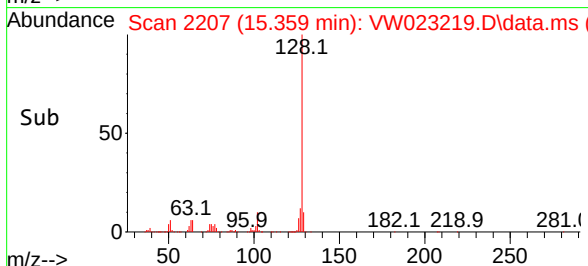
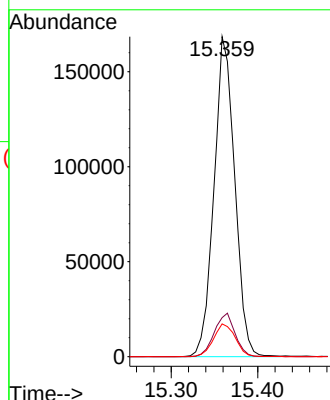
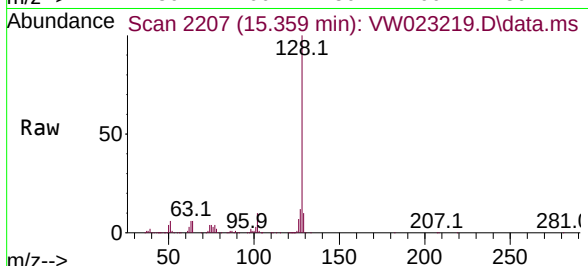




#71
Naphthalene
Concen: 23.025 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Instrument :
MSVOA_W
ClientSampleId :
EXXZ7MS

Tgt Ion:128 Resp: 280198
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 22.581 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW023219.D
Acq: 21 May 2022 00:12

Tgt Ion:180 Resp: 112053
Ion Ratio Lower Upper
180 100
182 88.8 73.5 110.3
145 34.8 27.9 41.9

