

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
 Data File : VW023143.D
 Acq On : 18 May 2022 20:52
 Operator : SY/VA
 Sample : N2848-16MS
 Misc : 4.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 19 04:31:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 19 04:23:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	348558	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	330827	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	165222	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	91448	12.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.160%
7) Chloroethane-d5	2.879	69	82487	17.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.920%
11) 1,1-Dichloroethene-d2	4.019	63	132821	14.374	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.480%
21) 2-Butanone-d5	7.080	46	71110	52.300	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.600%
24) Chloroform-d	7.647	84	231659	22.685	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.760%
26) 1,2-Dichloroethane-d4	8.305	65	132349	23.630	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.520%
32) Benzene-d6	8.275	84	420806	22.068	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.280%
36) 1,2-Dichloropropane-d6	9.275	67	120692	22.532	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.120%
41) Toluene-d8	10.323	98	353208	19.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.680%
43) trans-1,3-Dichloroprop...	10.579	79	47314	19.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.720%
47) 2-Hexanone-d5	10.927	63	58517	57.227	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.460%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	131826	26.404	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	129356	22.397	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	37126	19.539	ug/L	95
3) Chloromethane	2.209	50	76818	20.921	ug/L	100
5) Vinyl chloride	2.361	62	127540	17.308	ug/L	97
6) Bromomethane	2.770	94	86526	18.288	ug/L	88
8) Chloroethane	2.916	64	70765	19.911	ug/L	96
9) Trichlorofluoromethane	3.251	101	53919	16.009	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	94315	18.728	ug/L	95
12) 1,1-Dichloroethene	4.044	96	78622	17.611	ug/L	83
13) Acetone	4.129	43	50591	49.698	ug/L	68
14) Carbon disulfide	4.385	76	151051	12.342	ug/L	100
15) Methyl Acetate	4.678	43	40117	19.616	ug/L	99
16) Methylene chloride	4.916	84	104775	20.543	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	87966	17.510	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	179941	23.463	ug/L	100
19) 1,1-Dichloroethane	6.214	63	178692	20.987	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	113139	20.967	ug/L #	100
22) 2-Butanone	7.171	43	66845	46.954	ug/L	100
23) Bromochloromethane	7.513	128	57325	22.684	ug/L	88
25) Chloroform	7.677	83	221537	23.530	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
 Data File : VW023143.D
 Acq On : 18 May 2022 20:52
 Operator : SY/VA
 Sample : N2848-16MS
 Misc : 4.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

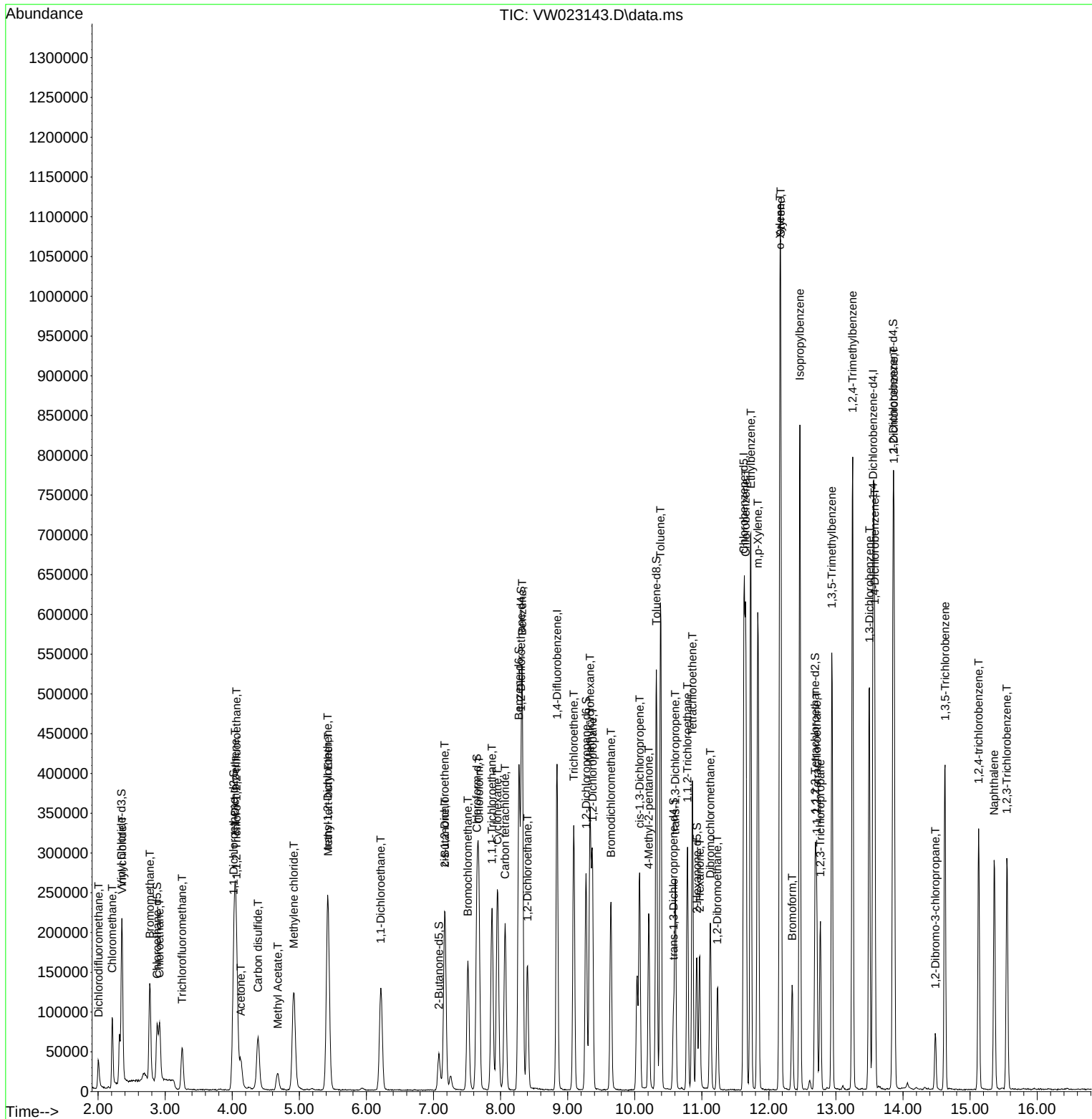
Instrument :
 MSVOA_W
 ClientSampleId :

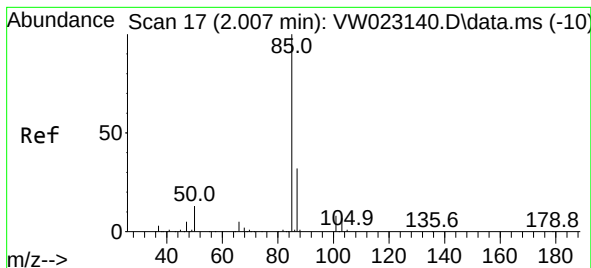
Quant Time: May 19 04:31:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 19 04:23:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	139252	22.188	ug/L	98
29) Cyclohexane	7.952	56	133451	18.652	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	181662	23.236	ug/L	99
31) Carbon tetrachloride	8.068	117	152570	20.862	ug/L	99
33) Benzene	8.324	78	448189	22.997	ug/L	100
34) Trichloroethene	9.092	95	111207	20.748	ug/L	97
35) Methylcyclohexane	9.336	83	146659	16.656	ug/L	99
37) 1,2-Dichloropropane	9.372	63	105437	22.356	ug/L	99
38) Bromodichloromethane	9.646	83	153761	22.953	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	152576	20.864	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	132928	44.717	ug/L	98
42) Toluene	10.384	91	452895	20.736	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	136351	20.889	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	92055	23.348	ug/L	97
46) Tetrachloroethene	10.860	164	76006	18.870	ug/L	88
48) 2-Hexanone	10.969	43	102234	51.472	ug/L	97
49) Dibromochloromethane	11.128	129	108325	22.828	ug/L	97
50) 1,2-Dibromoethane	11.232	107	84478	21.339	ug/L	95
51) Chlorobenzene	11.652	112	296650	20.602	ug/L	96
52) Ethylbenzene	11.731	91	501288	20.630	ug/L	97
53) m,p-Xylene	11.835	106	202918	21.194	ug/L	99
54) o-Xylene	12.164	106	201453	21.926	ug/L	98
55) Styrene	12.177	104	334597	21.432	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	107443	21.818	ug/L	96
59) Bromoform	12.347	173	55993	23.913	ug/L	99
60) Isopropylbenzene	12.463	105	527456	23.303	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	82736	25.062	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	294136	23.358	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	429998	22.742	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	208186	20.601	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	203431	19.489	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	203784	22.037	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17132	23.745	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	118300	17.635	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	95992	17.789	ug/L	98
71) Naphthalene	15.359	128	246050	20.979	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	91938	19.224	ug/L	96

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

Quant Time: May 19 04:31:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 19 04:23:21 2022
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 19.539 ug/L

RT: 2.008 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

Instrument :

MSVOA_W

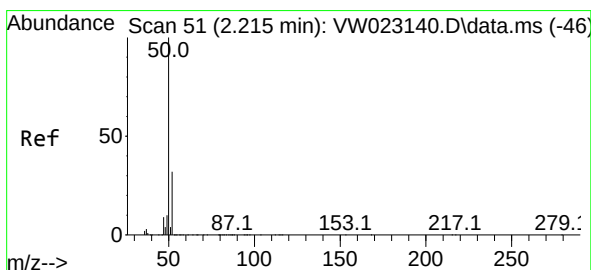
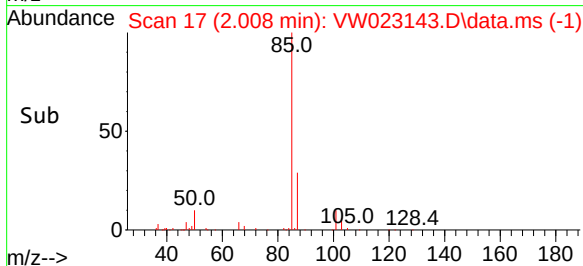
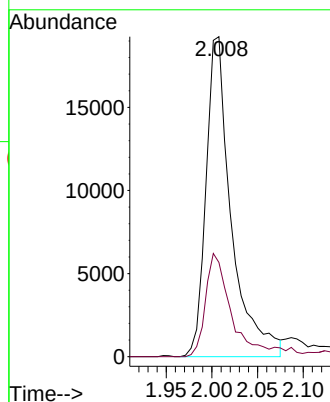
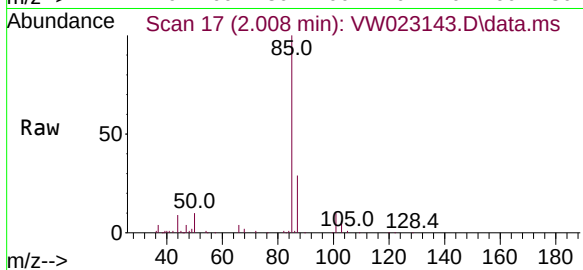
ClientSampleId :

Tgt Ion: 85 Resp: 37126

Ion Ratio Lower Upper

85 100

87 31.9 27.8 41.8



#3

Chloromethane

Concen: 20.921 ug/L

RT: 2.209 min Scan# 50

Delta R.T. -0.006 min

Lab File: VW023143.D

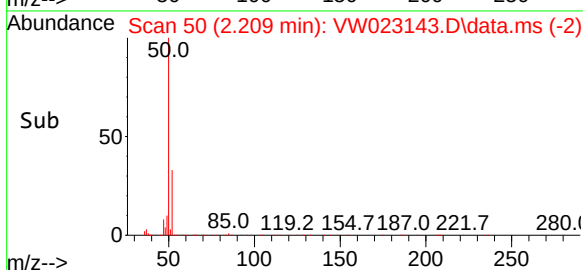
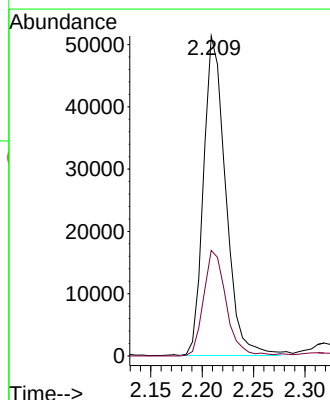
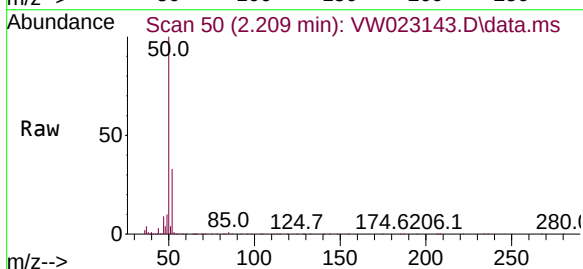
Acq: 18 May 2022 20:52

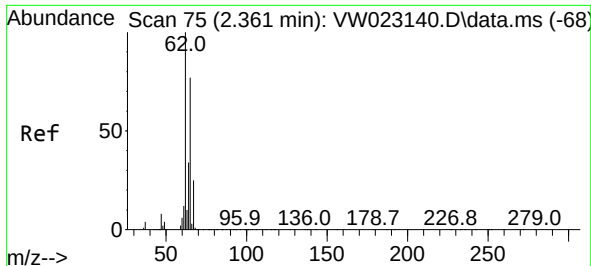
Tgt Ion: 50 Resp: 76818

Ion Ratio Lower Upper

50 100

52 33.0 23.1 42.9

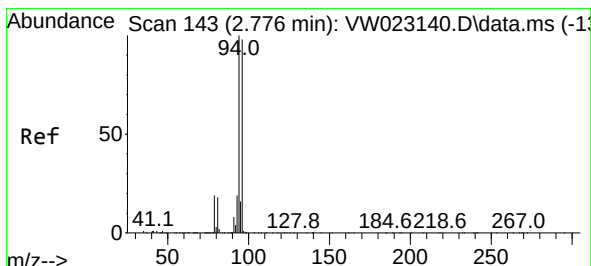
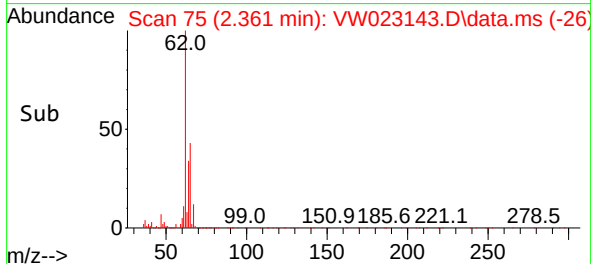
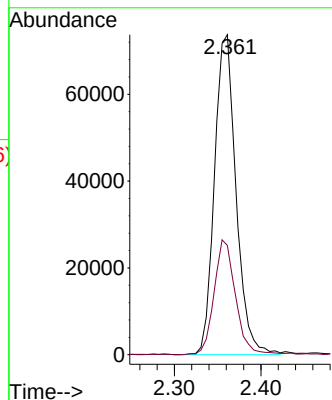
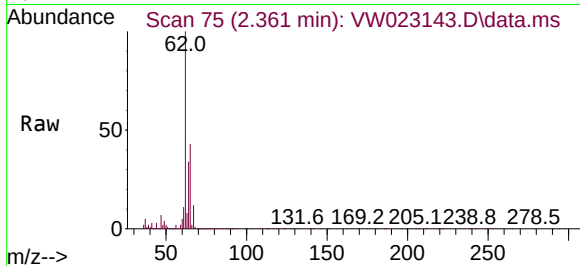




#5
 Vinyl chloride
 Concen: 17.308 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW023143.D
 Acq: 18 May 2022 20:52

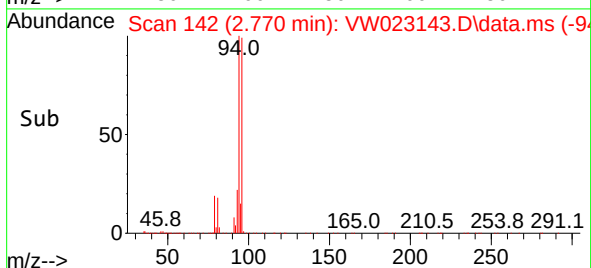
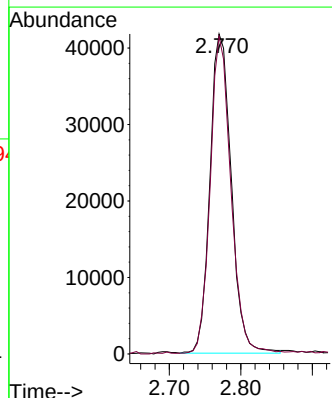
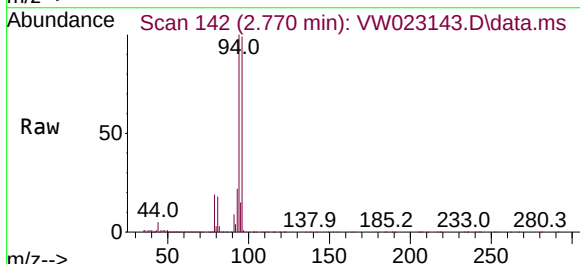
Instrument :
 MSVOA_W
 ClientSampleId :

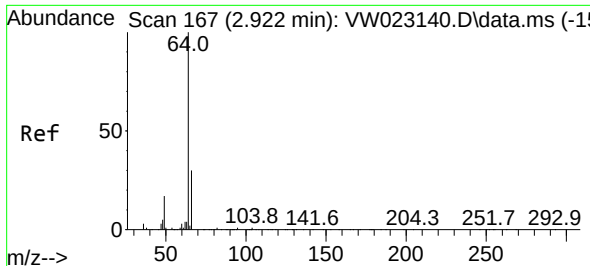
Tgt Ion: 62 Resp: 127540
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.9 46.3



#6
 Bromomethane
 Concen: 18.288 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023143.D
 Acq: 18 May 2022 20:52

Tgt Ion: 94 Resp: 86526
 Ion Ratio Lower Upper
 94 100
 96 99.2 61.7 114.5

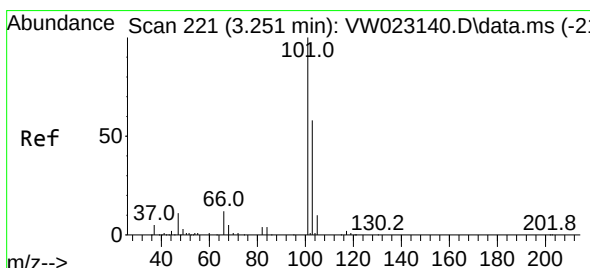
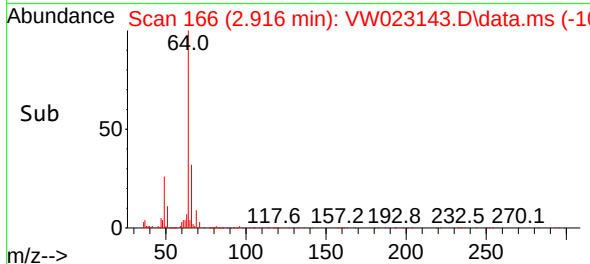
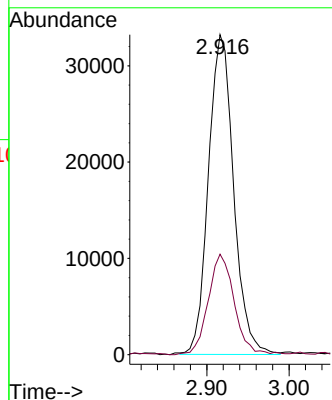
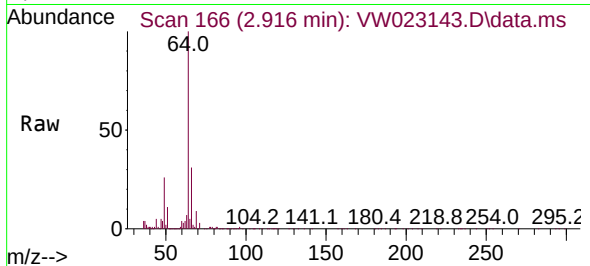




#8
Chloroethane
Concen: 19.911 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

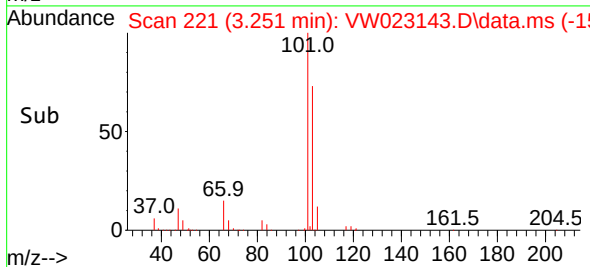
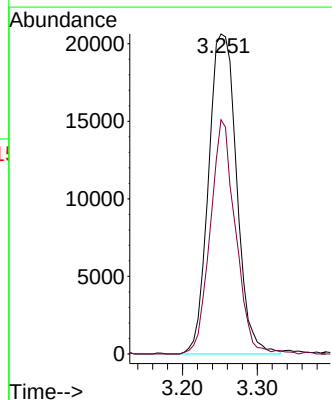
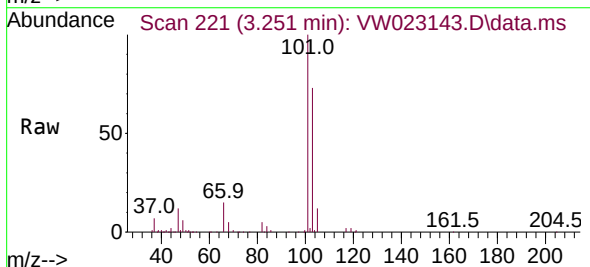
Instrument :
MSVOA_W
ClientSampleId :

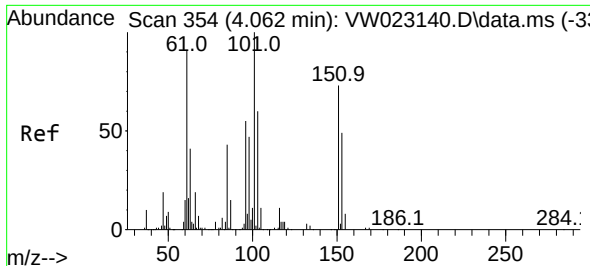
Tgt Ion: 64 Resp: 70765
Ion Ratio Lower Upper
64 100
66 31.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 16.009 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

Tgt Ion: 101 Resp: 53919
Ion Ratio Lower Upper
101 100
103 65.3 53.9 80.9

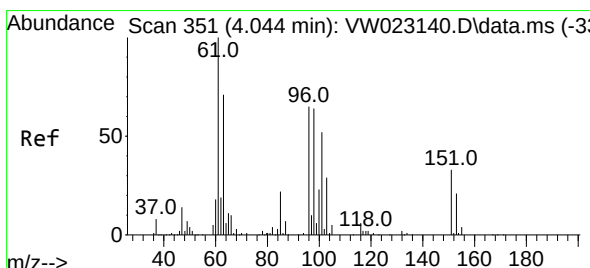
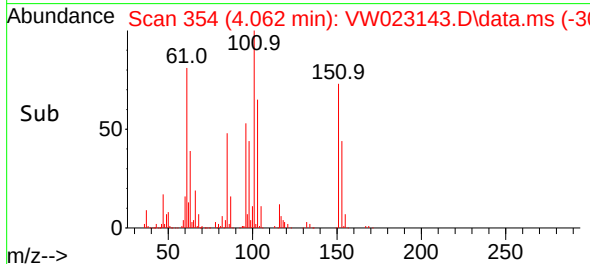
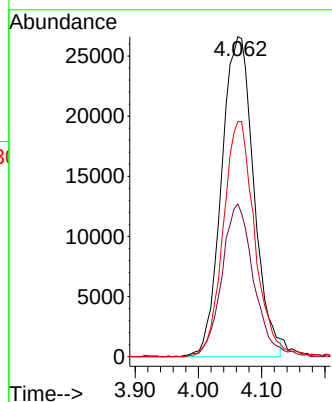
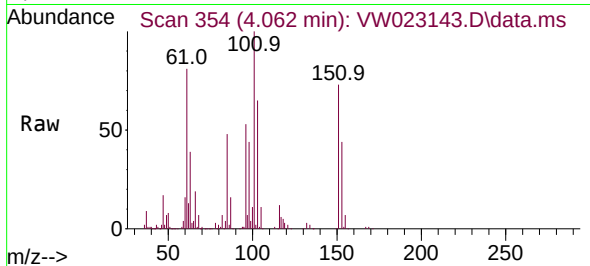




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.728 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW023143.D
 Acq: 18 May 2022 20:52

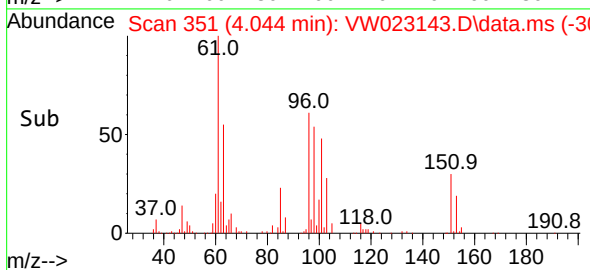
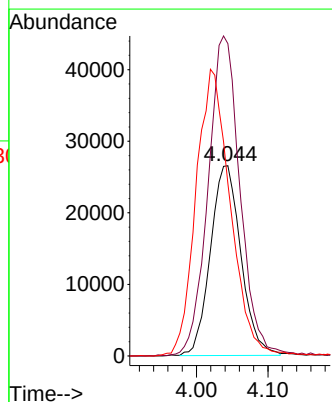
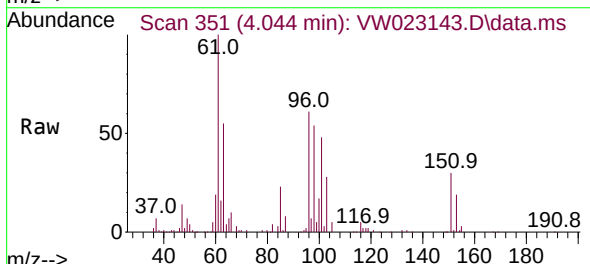
Instrument :
 MSVOA_W
 ClientSampleId :

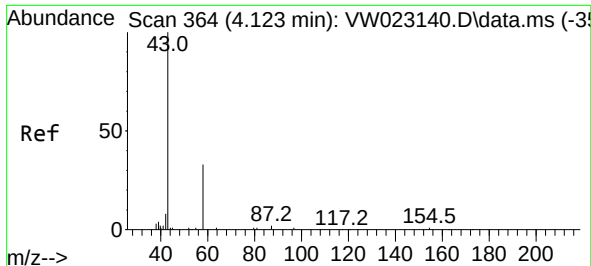
Tgt Ion:	101	Resp:	94315
Ion	Ratio	Lower	Upper
101	100		
85	46.6	34.3	51.5
151	71.8	54.2	81.2



#12
 1,1-Dichloroethene
 Concen: 17.611 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW023143.D
 Acq: 18 May 2022 20:52

Tgt Ion:	96	Resp:	78622
Ion	Ratio	Lower	Upper
96	100		
61	164.1	125.7	233.5
63	90.6	83.4	155.0

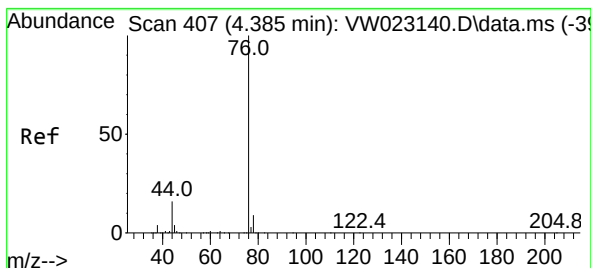
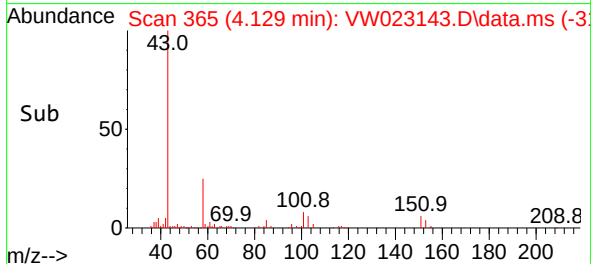
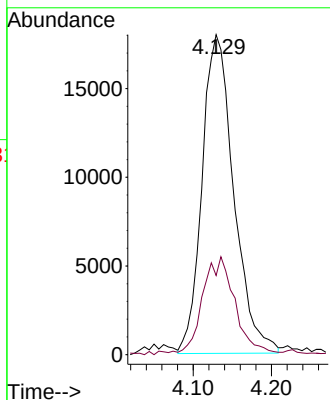
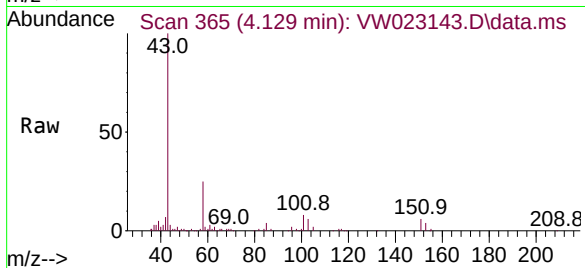




#13
Acetone
Concen: 49.698 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

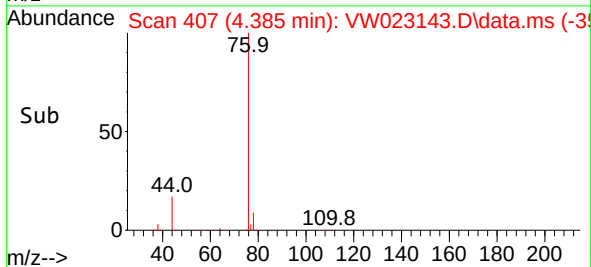
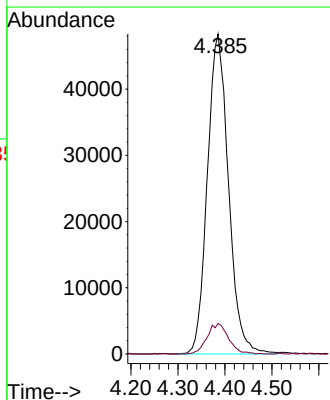
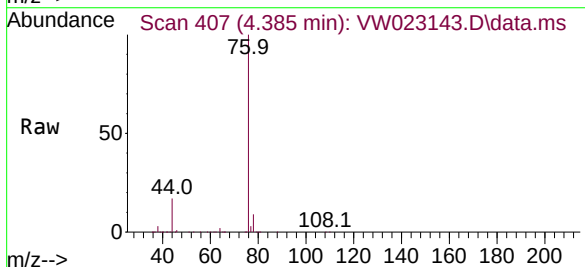
Instrument :
MSVOA_W
ClientSampleId :

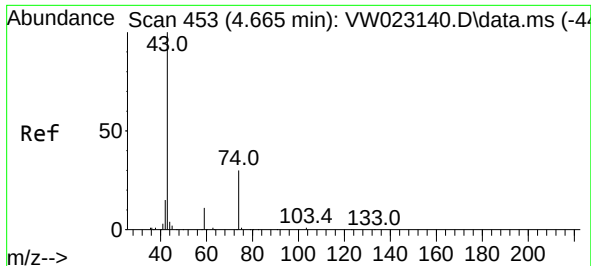
Tgt Ion: 43 Resp: 50591
Ion Ratio Lower Upper
43 100
58 14.2 0.0 64.0



#14
Carbon disulfide
Concen: 12.342 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

Tgt Ion: 76 Resp: 151051
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5

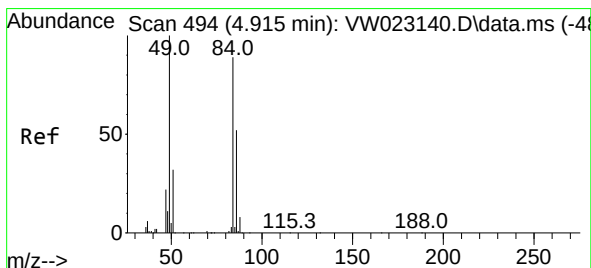
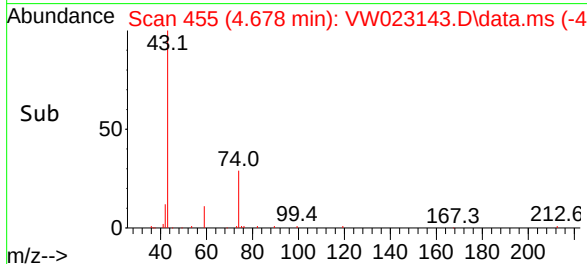
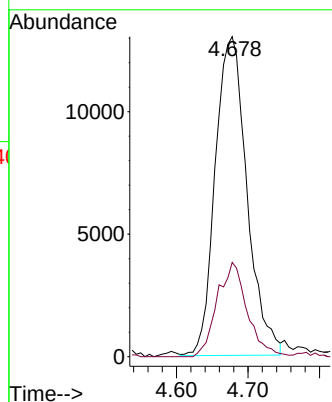
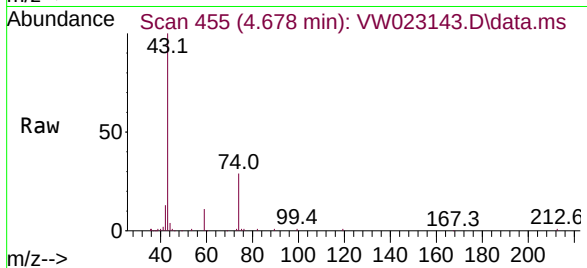




#15
Methyl Acetate
Concen: 19.616 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.012 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

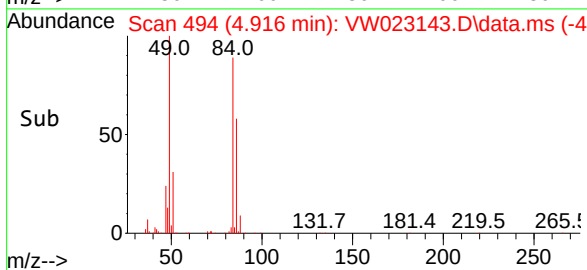
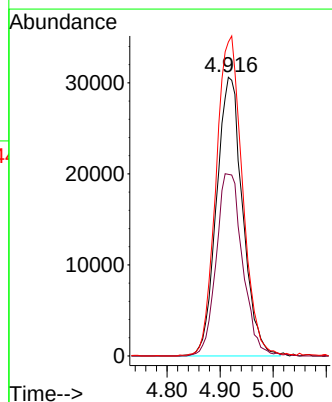
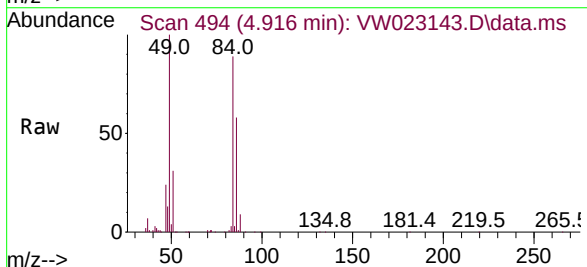
Instrument :
MSVOA_W
ClientSampleId :

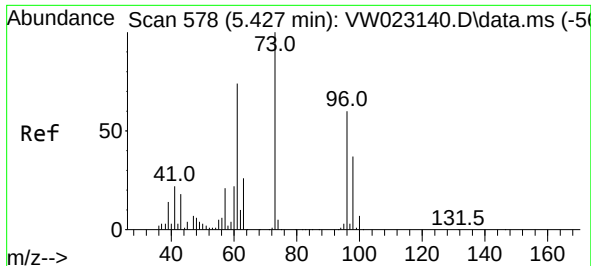
Tgt Ion: 43 Resp: 40117
Ion Ratio Lower Upper
43 100
74 28.0 21.9 32.9



#16
Methylene chloride
Concen: 20.543 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

Tgt Ion: 84 Resp: 104775
Ion Ratio Lower Upper
84 100
86 65.1 45.4 84.4
49 112.6 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 17.510 ug/L

RT: 5.422 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

Instrument :

MSVOA_W

ClientSampleId :

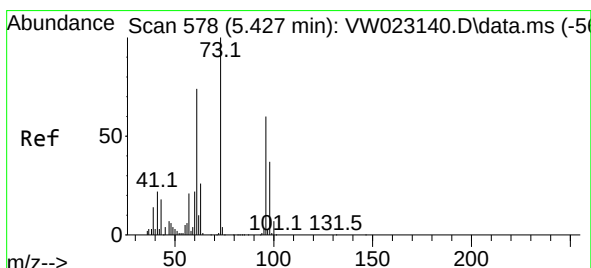
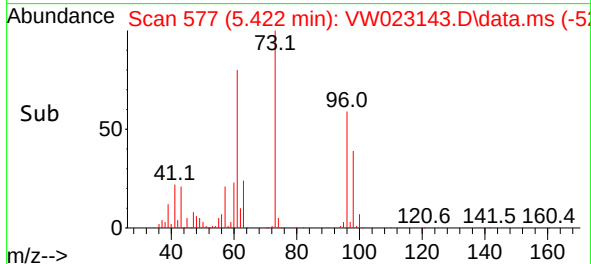
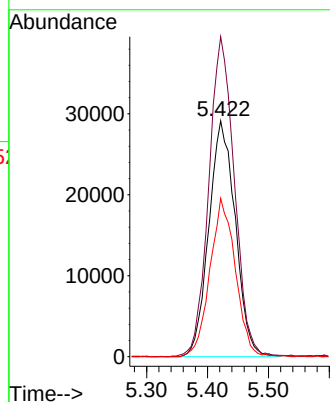
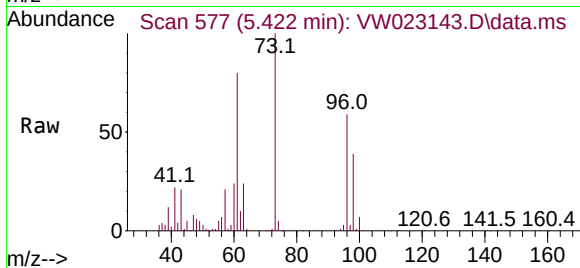
Tgt Ion: 96 Resp: 87966

Ion Ratio Lower Upper

96 100

61 135.7 92.2 171.2

98 67.1 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 23.463 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

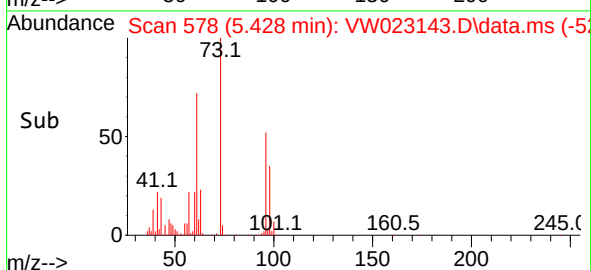
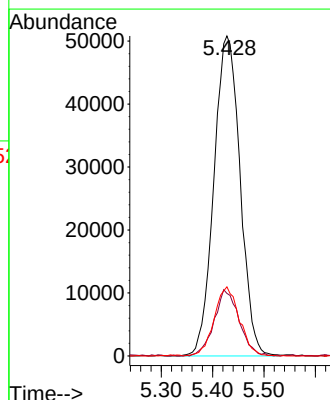
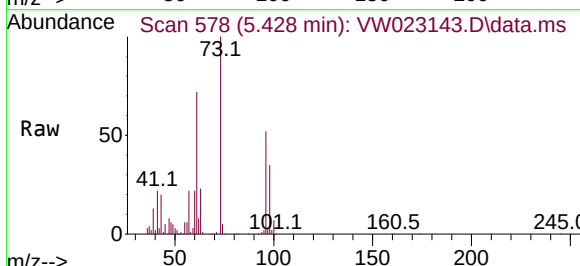
Tgt Ion: 73 Resp: 179941

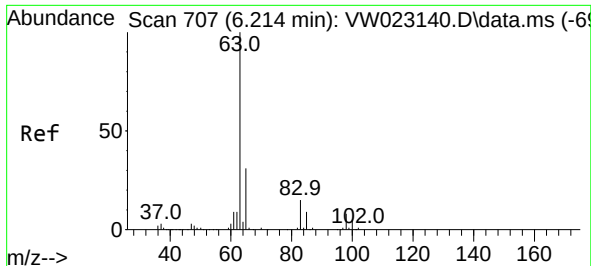
Ion Ratio Lower Upper

73 100

43 19.6 15.9 23.9

57 20.7 16.5 24.7





#19

1,1-Dichloroethane

Concen: 20.987 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

Instrument :

MSVOA_W

ClientSampleId :

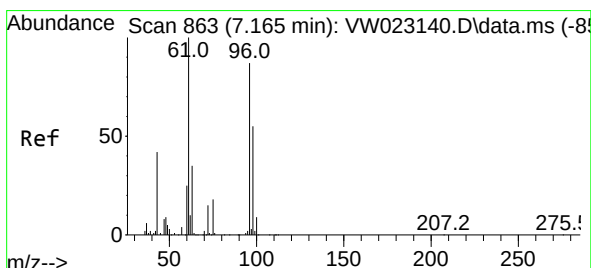
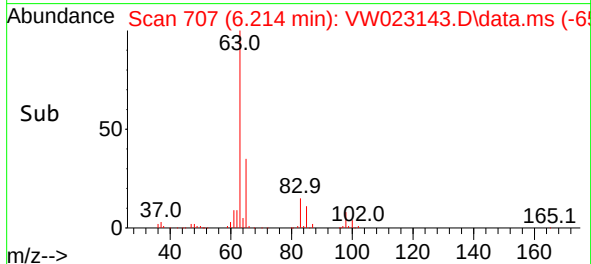
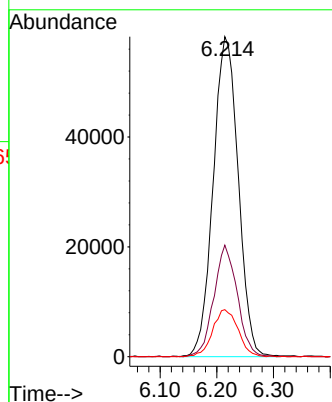
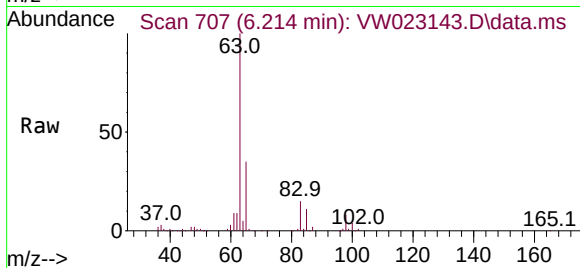
Tgt Ion: 63 Resp: 178692

Ion Ratio Lower Upper

63 100

65 34.9 23.3 43.3

83 14.7 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 20.967 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

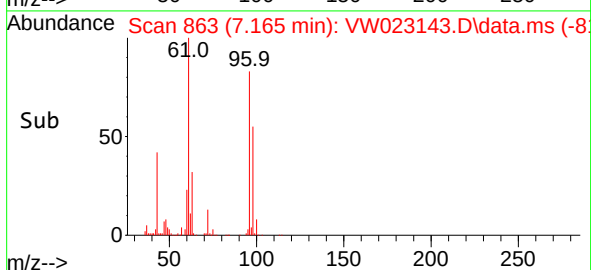
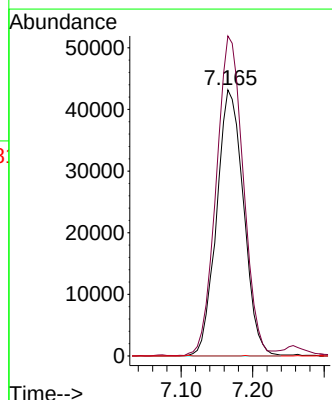
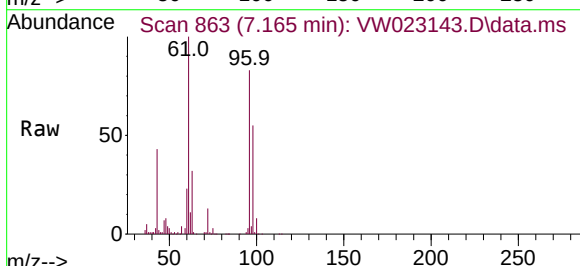
Tgt Ion: 96 Resp: 113139

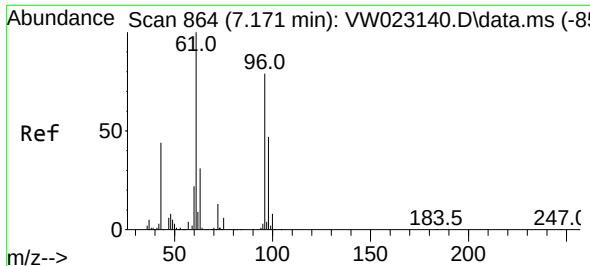
Ion Ratio Lower Upper

96 100

61 120.3 84.2 156.4

68 0.0 0.1 0.1#

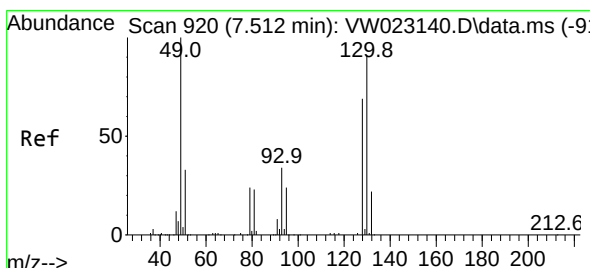
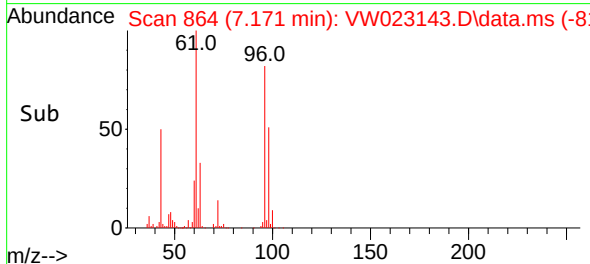
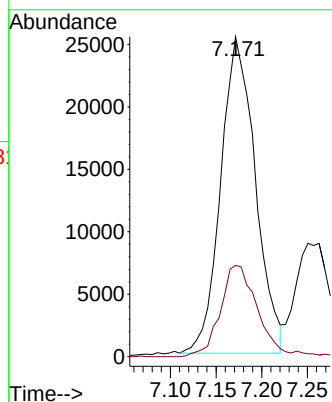
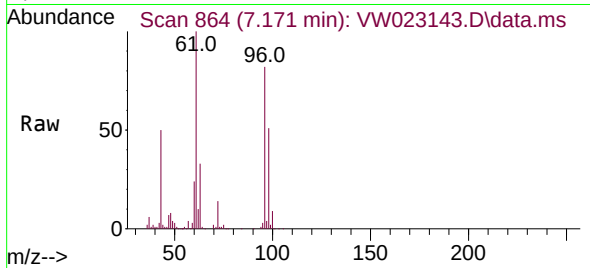




#22
2-Butanone
Concen: 46.954 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

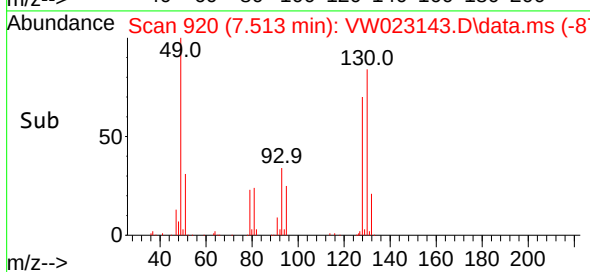
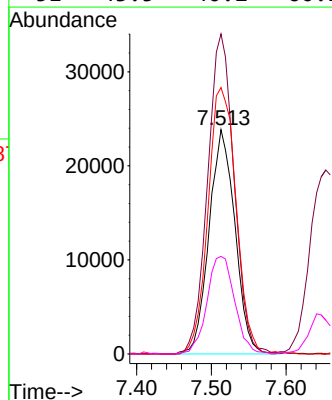
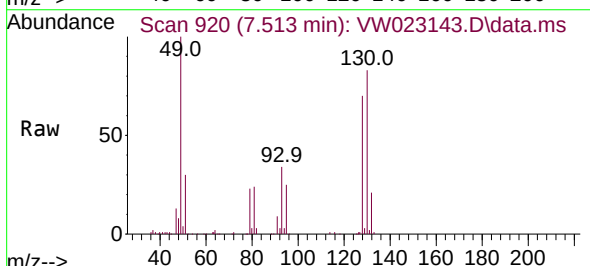
Instrument :
MSVOA_W
ClientSampleId :

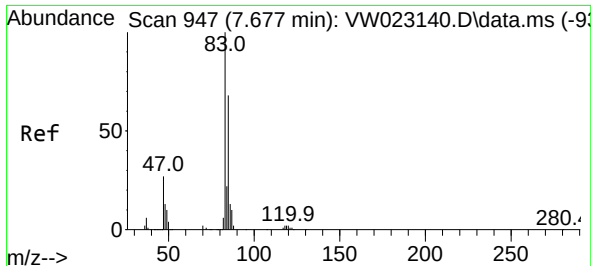
Tgt Ion: 43 Resp: 66845
Ion Ratio Lower Upper
43 100
72 30.4 15.1 45.3



#23
Bromochloromethane
Concen: 22.684 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

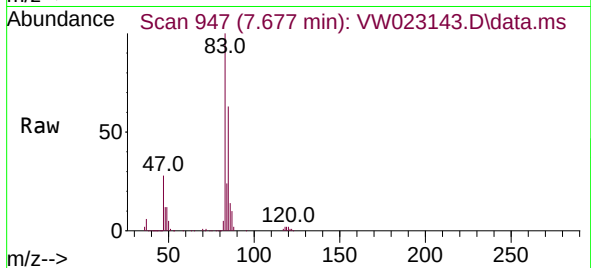
Tgt Ion: 128 Resp: 57325
Ion Ratio Lower Upper
128 100
49 142.7 110.0 204.4
130 118.8 94.8 176.0
51 43.5 40.2 60.2



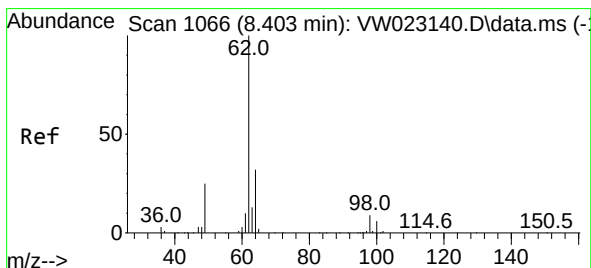
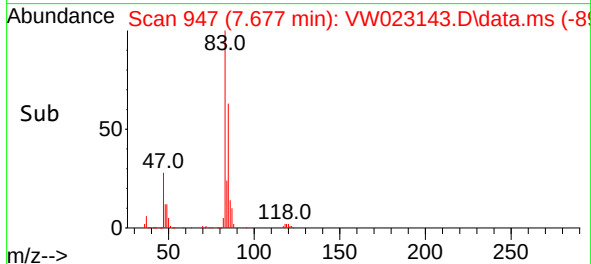
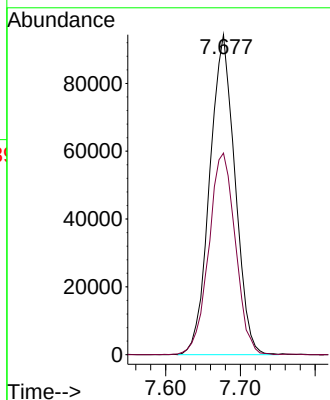


#25
Chloroform
Concen: 23.530 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

Instrument :
MSVOA_W
ClientSampleId :

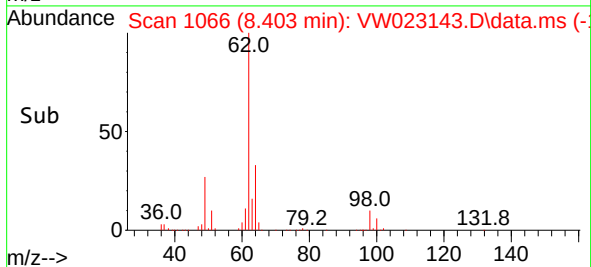
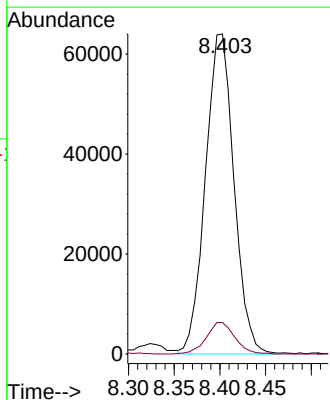
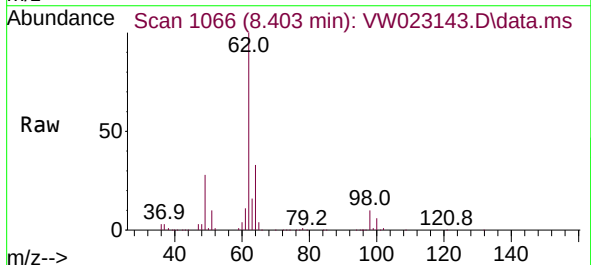


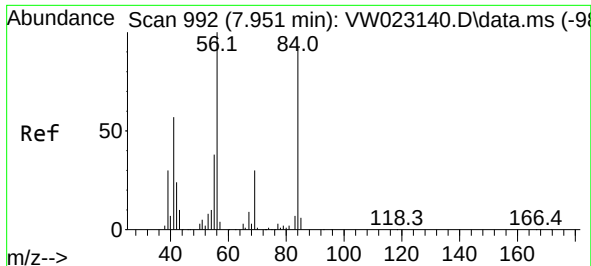
Tgt Ion: 83 Resp: 221537
Ion Ratio Lower Upper
83 100
85 63.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 22.188 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

Tgt Ion: 62 Resp: 139252
Ion Ratio Lower Upper
62 100
98 9.8 7.2 10.8





#29

Cyclohexane

Concen: 18.652 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

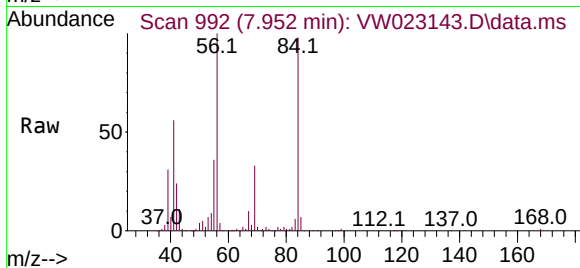
Lab File: VW023143.D

Acq: 18 May 2022 20:52

Instrument :

MSVOA_W

ClientSampleId :



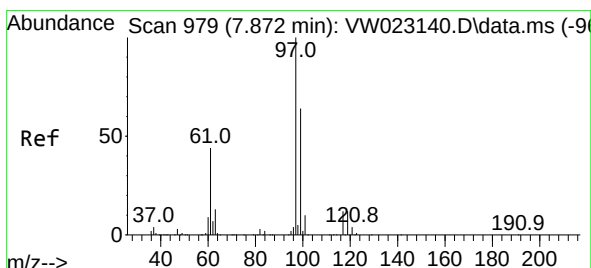
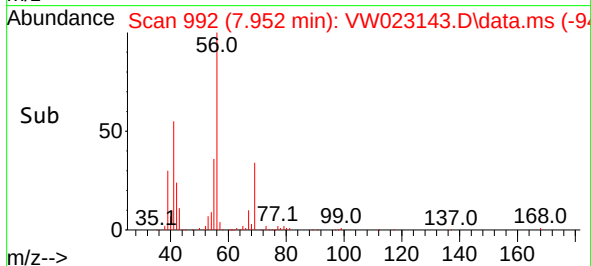
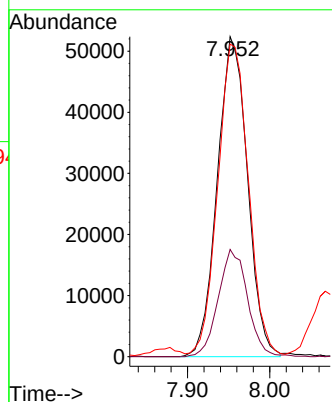
Tgt Ion: 56 Resp: 133451

Ion Ratio Lower Upper

56 100

69 32.5 25.6 38.4

84 99.4 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 23.236 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

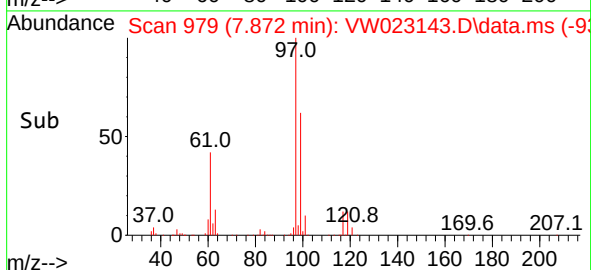
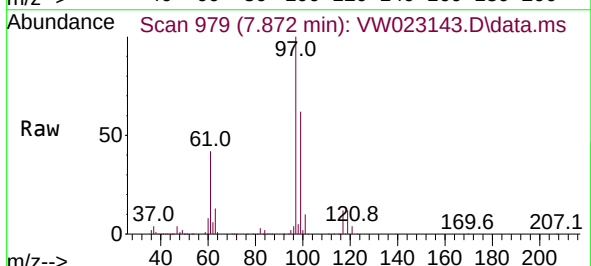
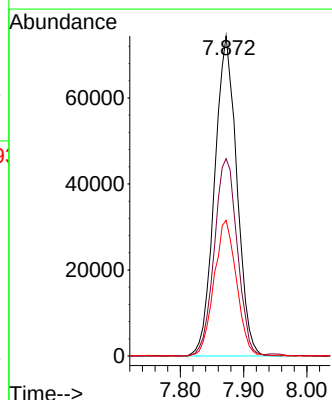
Tgt Ion: 97 Resp: 181662

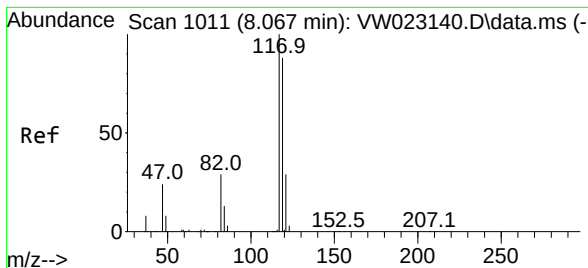
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 42.7 34.8 52.2





#31

Carbon tetrachloride

Concen: 20.862 ug/L

RT: 8.068 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

Instrument :

MSVOA_W

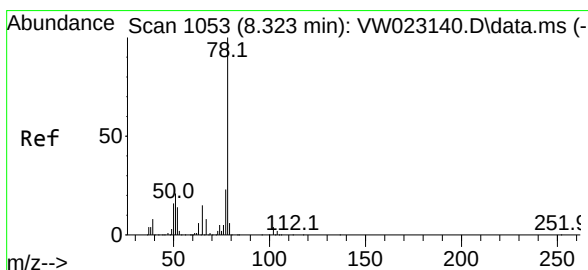
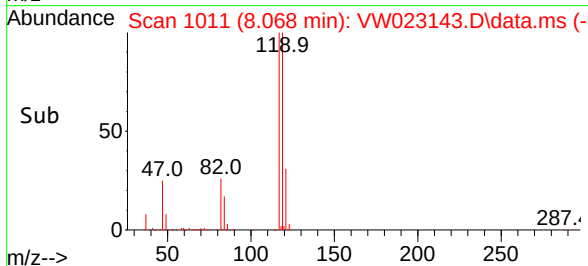
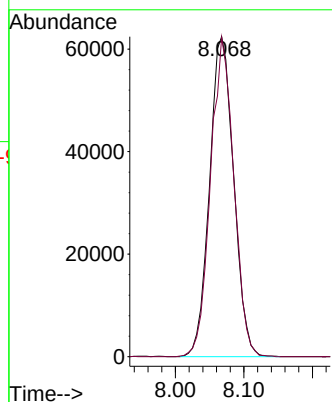
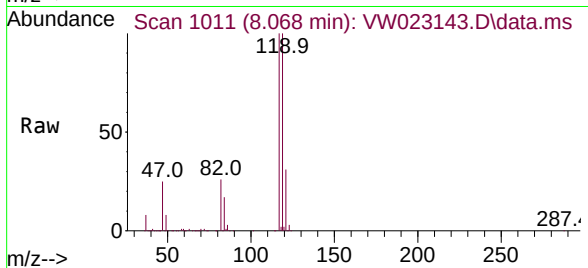
ClientSampleId :

Tgt Ion:117 Resp: 152570

Ion Ratio Lower Upper

117 100

119 96.3 76.6 115.0



#33

Benzene

Concen: 22.997 ug/L

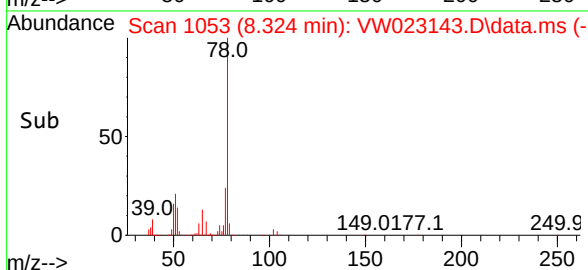
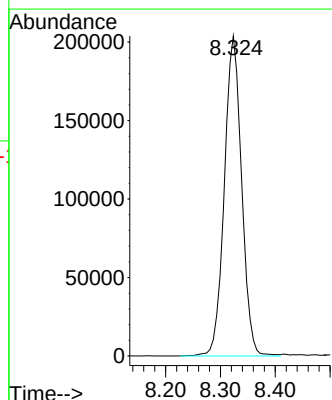
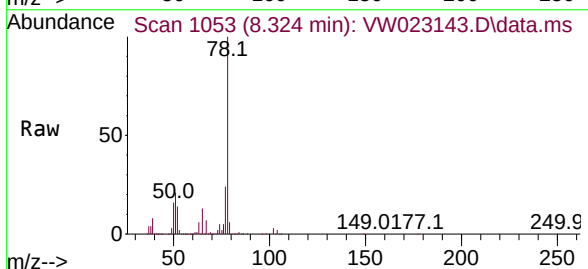
RT: 8.324 min Scan# 1053

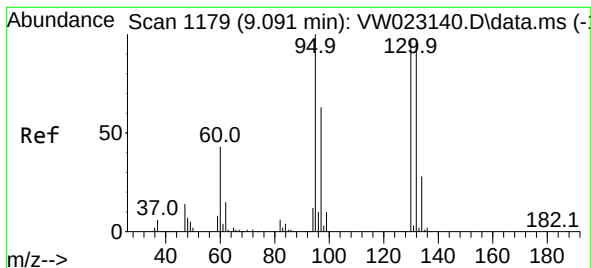
Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

Tgt Ion: 78 Resp: 448189





#34

Trichloroethene

Concen: 20.748 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

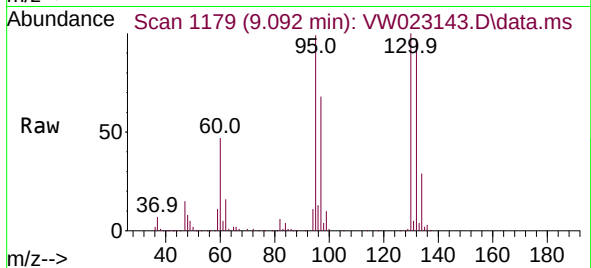
Lab File: VW023143.D

Acq: 18 May 2022 20:52

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 111207

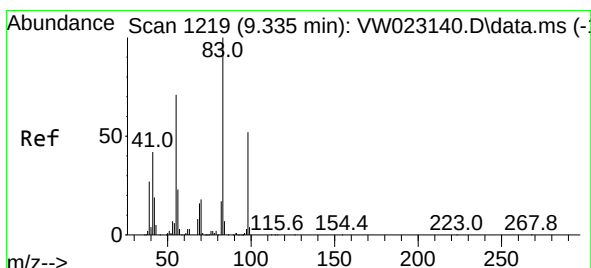
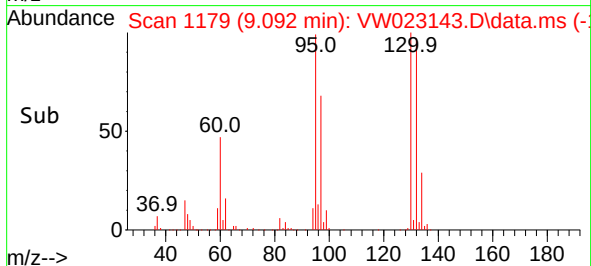
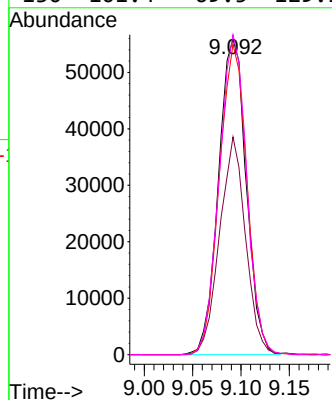
Ion Ratio Lower Upper

95 100

97 69.0 46.1 85.7

132 98.4 66.9 124.3

130 101.4 69.5 129.1



#35

Methylcyclohexane

Concen: 16.656 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

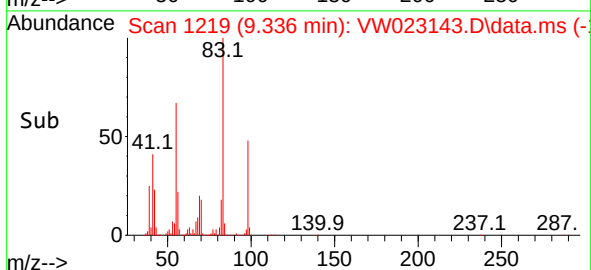
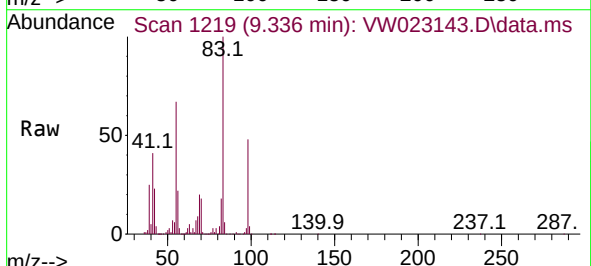
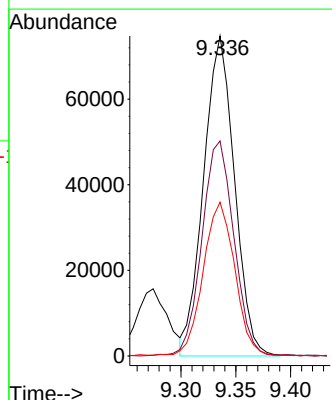
Tgt Ion: 83 Resp: 146659

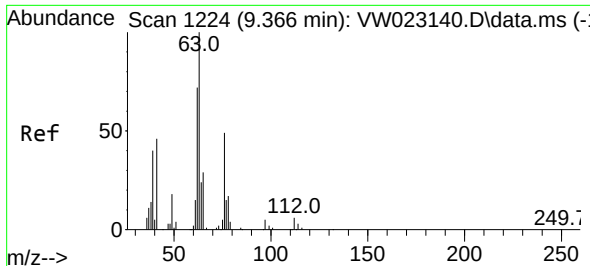
Ion Ratio Lower Upper

83 100

55 69.7 55.1 82.7

98 49.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 22.356 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

Instrument :

MSVOA_W

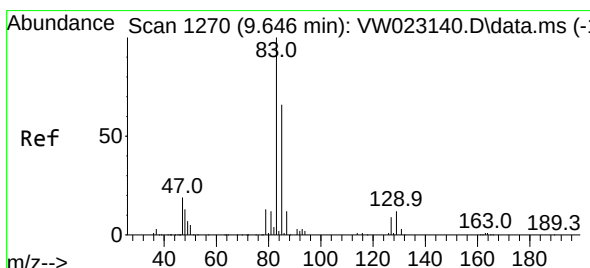
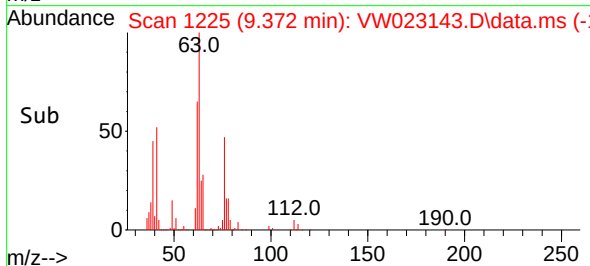
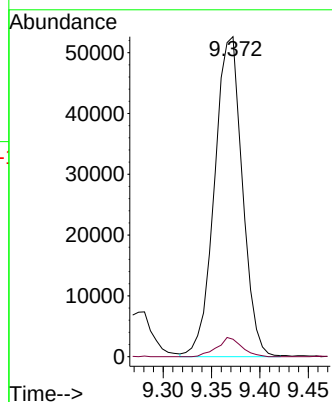
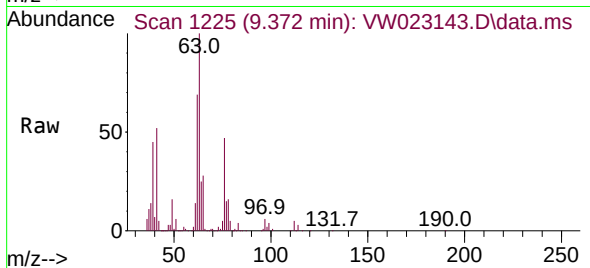
ClientSampleId :

Tgt Ion: 63 Resp: 105437

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 22.953 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

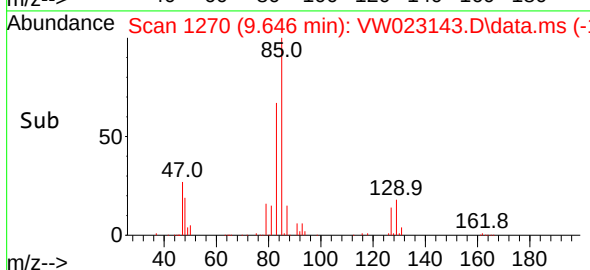
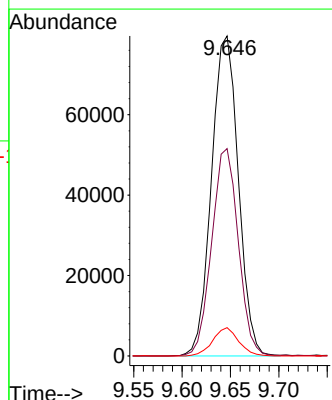
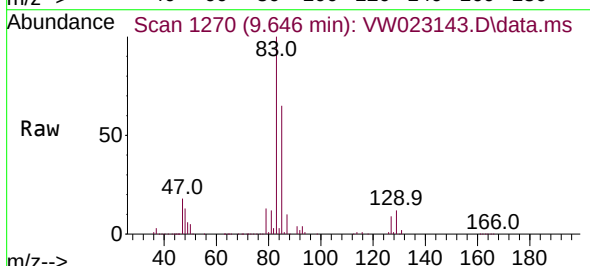
Tgt Ion: 83 Resp: 153761

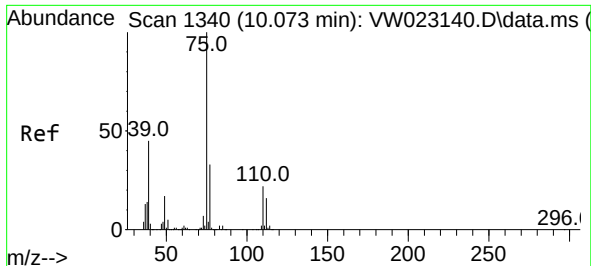
Ion Ratio Lower Upper

83 100

85 64.8 43.5 80.7

127 8.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 20.864 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

Instrument :

MSVOA_W

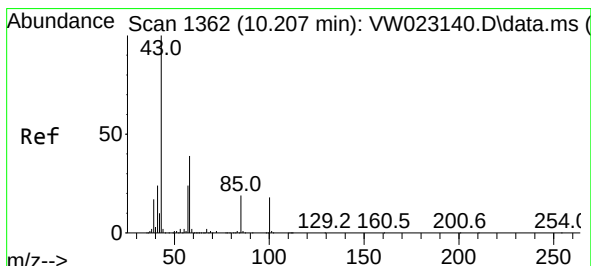
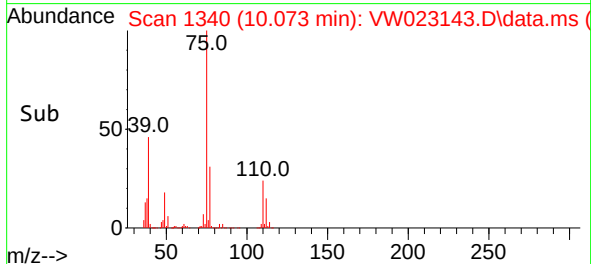
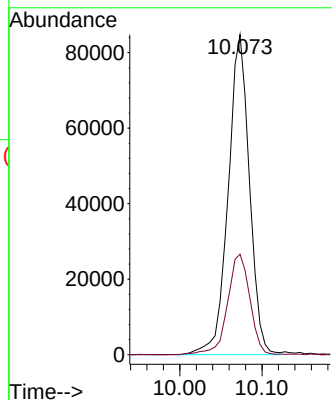
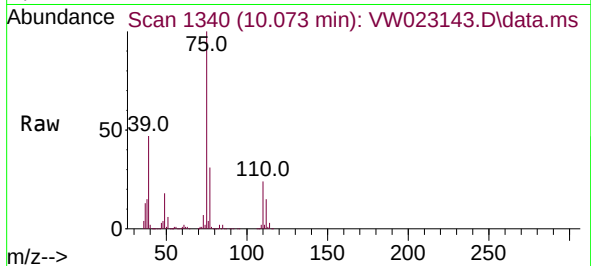
ClientSampleId :

Tgt Ion: 75 Resp: 152576

Ion Ratio Lower Upper

75 100

77 31.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 44.717 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

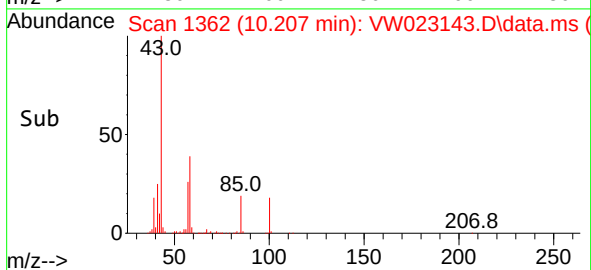
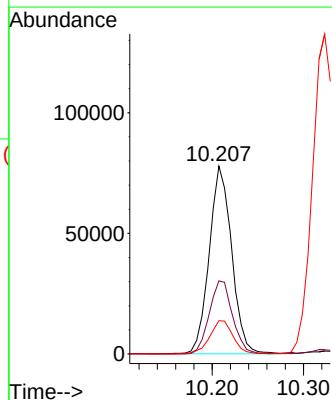
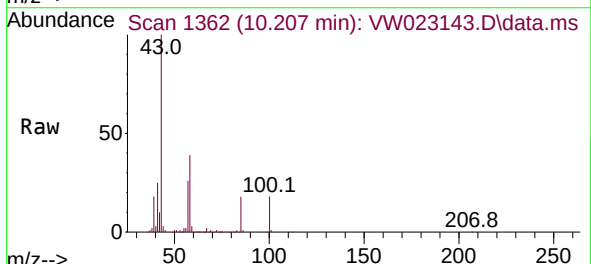
Tgt Ion: 43 Resp: 132928

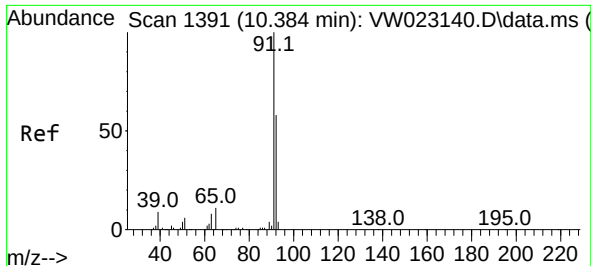
Ion Ratio Lower Upper

43 100

58 40.4 31.4 47.2

100 18.3 14.2 21.4

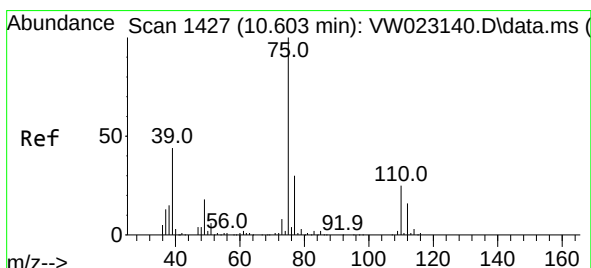
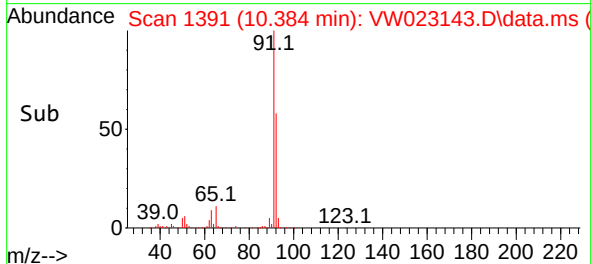
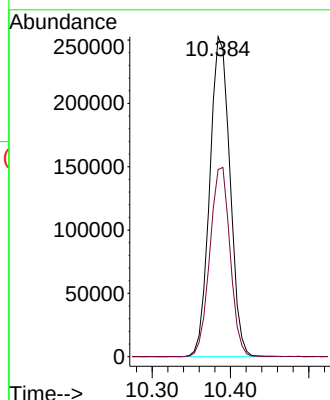
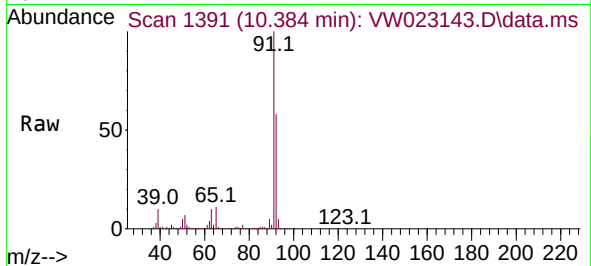




#42
Toluene
Concen: 20.736 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

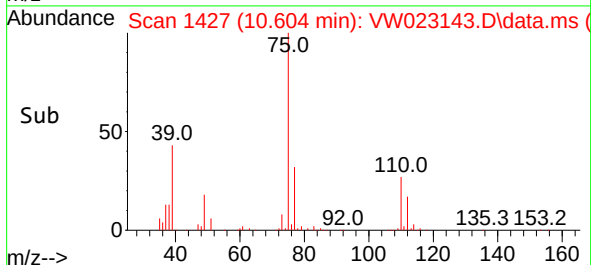
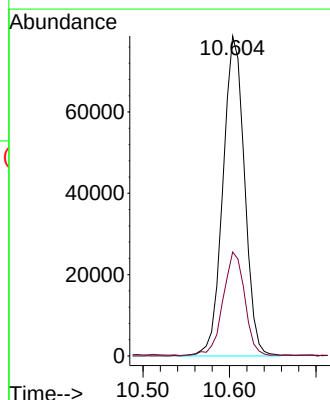
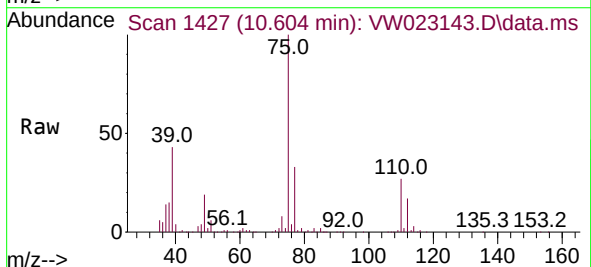
Instrument :
MSVOA_W
ClientSampleId :

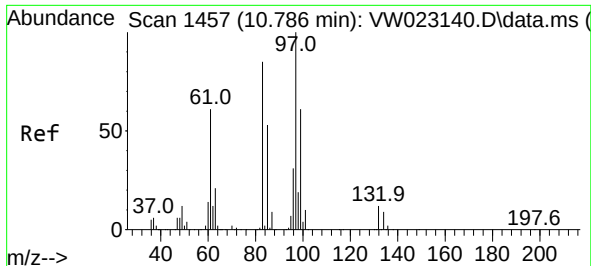
Tgt Ion: 91 Resp: 452895
Ion Ratio Lower Upper
91 100
92 58.5 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 20.889 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

Tgt Ion: 75 Resp: 136351
Ion Ratio Lower Upper
75 100
77 32.5 22.0 40.8

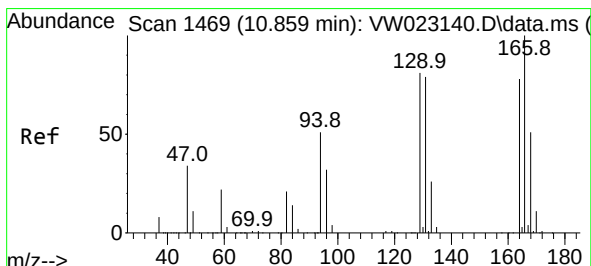
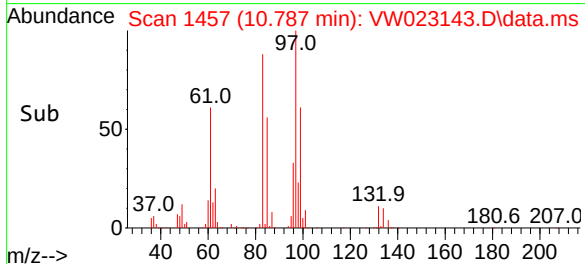
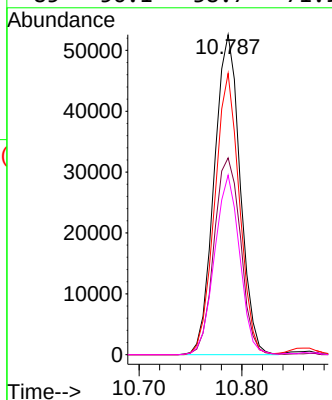
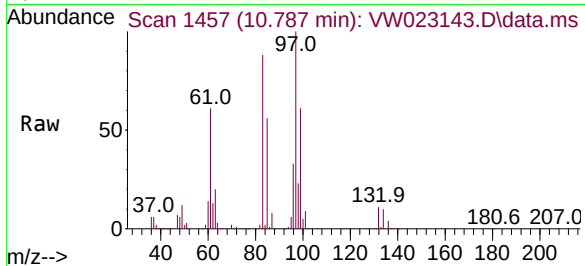




#45
1,1,2-Trichloroethane
Concen: 23.348 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

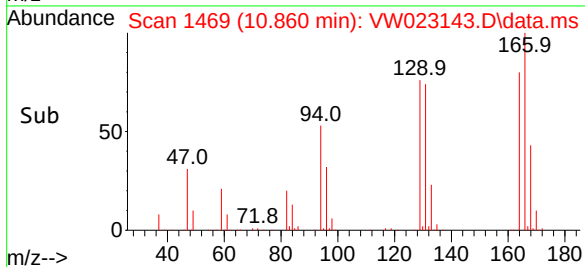
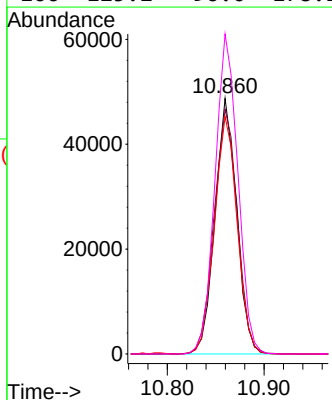
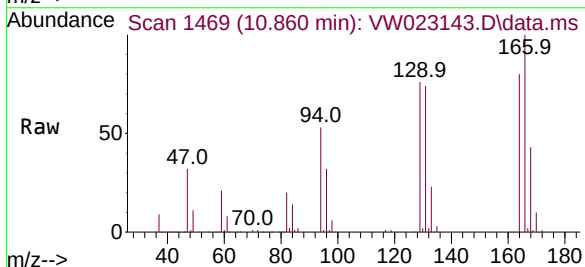
Instrument :
MSVOA_W
ClientSampleId :

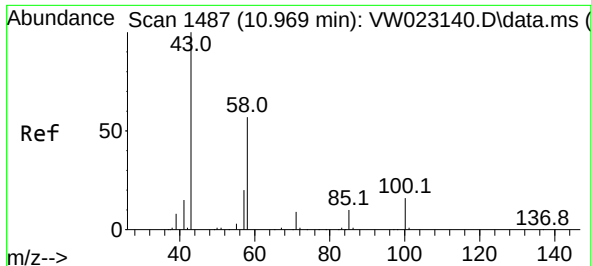
Tgt Ion:	97	Resp:	92055
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.7	82.9
83	87.9	58.4	108.4
85	56.1	38.7	71.9



#46
Tetrachloroethene
Concen: 18.870 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

Tgt Ion:	164	Resp:	76006
Ion	Ratio	Lower	Upper
164	100		
129	95.7	76.9	142.7
131	92.9	75.1	139.5
166	125.2	96.0	178.2

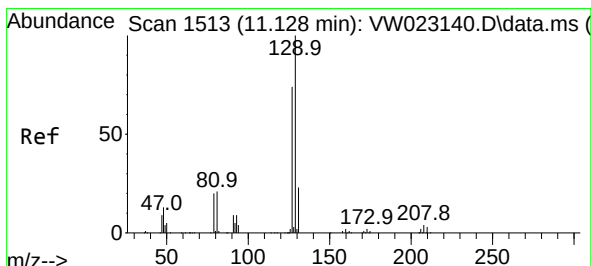
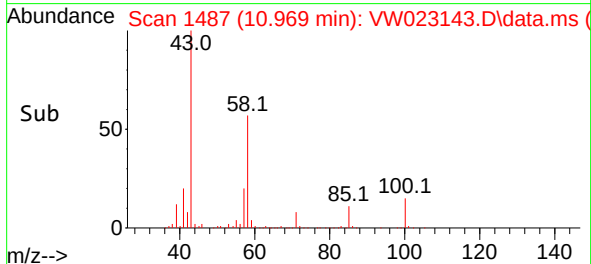
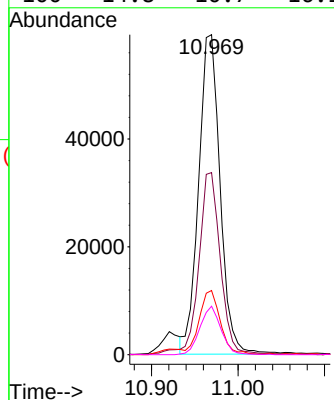
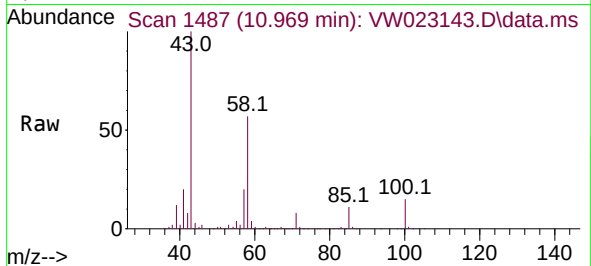




#48
2-Hexanone
Concen: 51.472 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

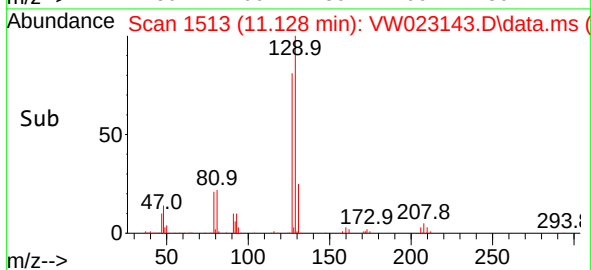
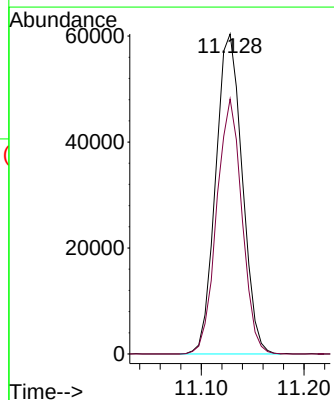
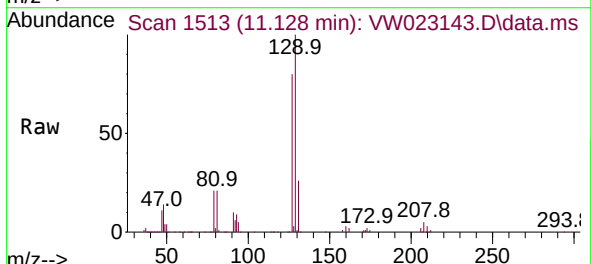
Instrument :
MSVOA_W
ClientSampleId :

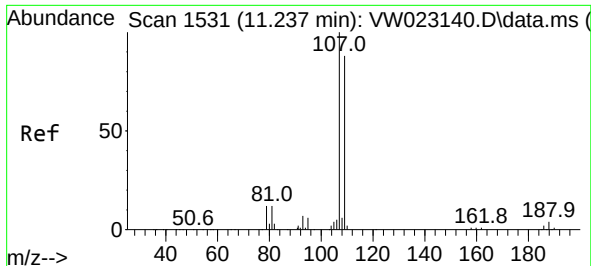
Tgt Ion:	43	Resp:	102234
Ion	Ratio	Lower	Upper
43	100		
58	54.7	45.9	68.9
57	19.7	16.2	24.2
100	14.8	10.7	16.1



#49
Dibromochloromethane
Concen: 22.828 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

Tgt Ion:	129	Resp:	108325
Ion	Ratio	Lower	Upper
129	100		
127	79.7	53.8	100.0





#50

1,2-Dibromoethane

Concen: 21.339 ug/L

RT: 11.232 min Scan# 1

Delta R.T. -0.006 min

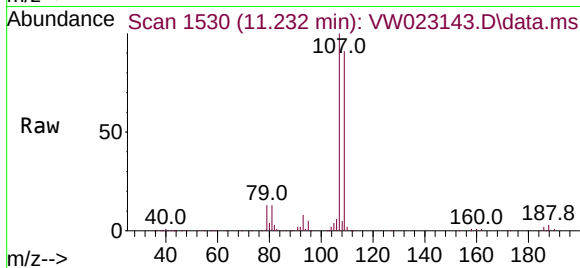
Lab File: VW023143.D

Acq: 18 May 2022 20:52

Instrument :

MSVOA_W

ClientSampleId :



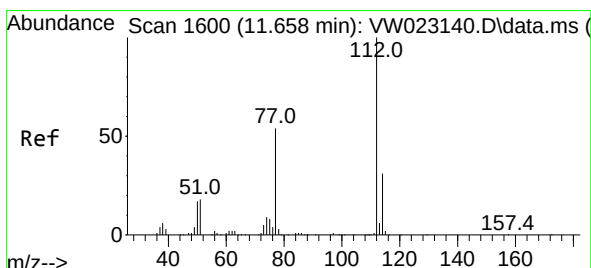
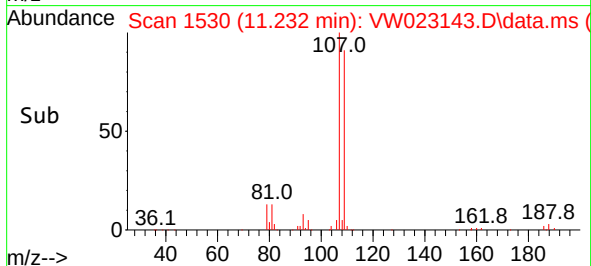
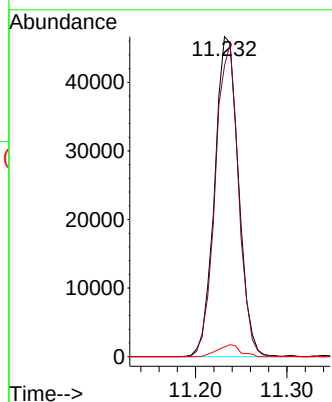
Tgt Ion:107 Resp: 84478

Ion Ratio Lower Upper

107 100

109 91.0 67.5 125.4

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 20.602 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

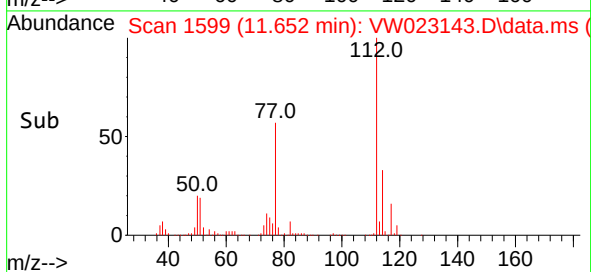
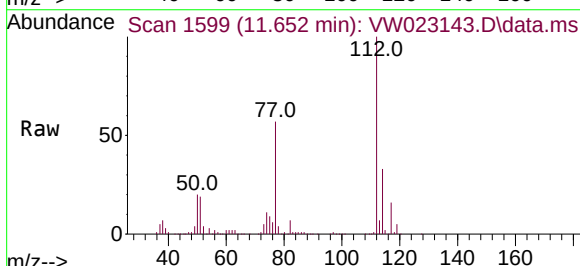
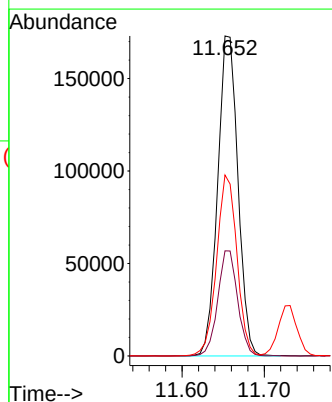
Tgt Ion:112 Resp: 296650

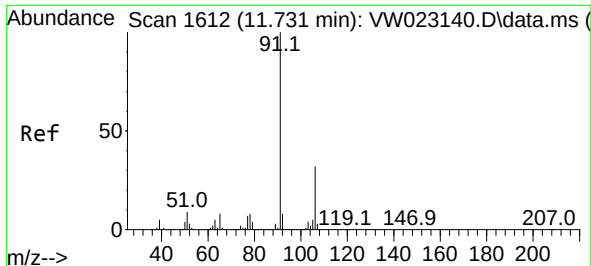
Ion Ratio Lower Upper

112 100

114 32.9 22.0 41.0

77 56.6 42.6 63.8

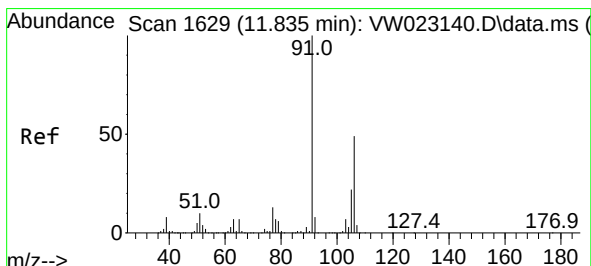
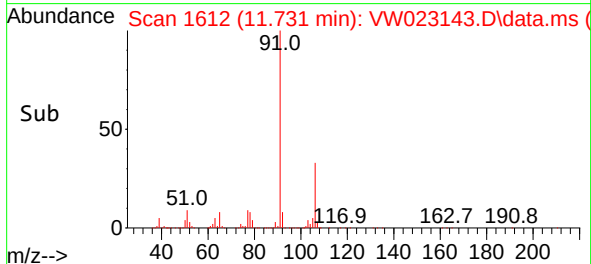
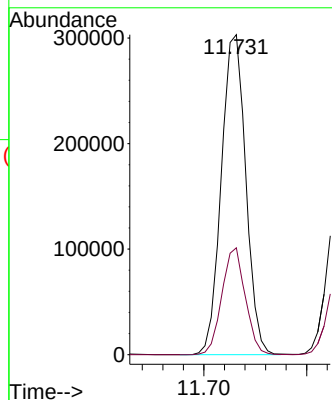
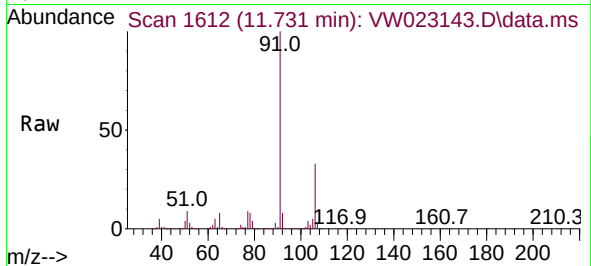




#52
Ethylbenzene
Concen: 20.630 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

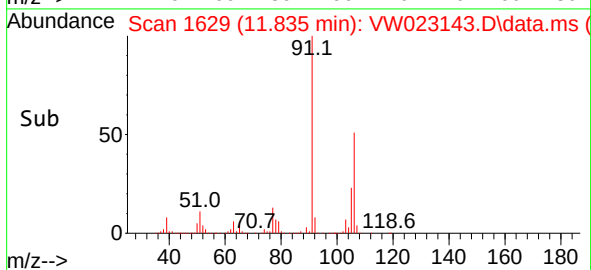
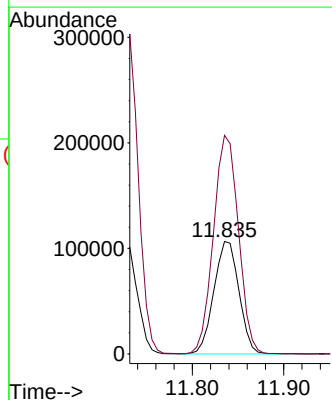
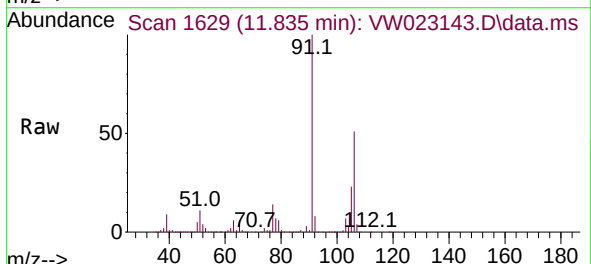
Instrument :
MSVOA_W
ClientSampleId :

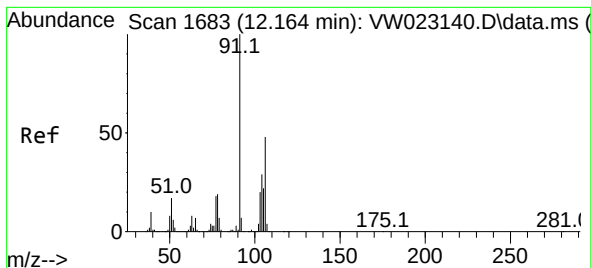
Tgt Ion: 91 Resp: 501288
Ion Ratio Lower Upper
91 100
106 33.4 22.3 41.3



#53
m,p-Xylene
Concen: 21.194 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

Tgt Ion:106 Resp: 202918
Ion Ratio Lower Upper
106 100
91 194.5 136.8 254.0

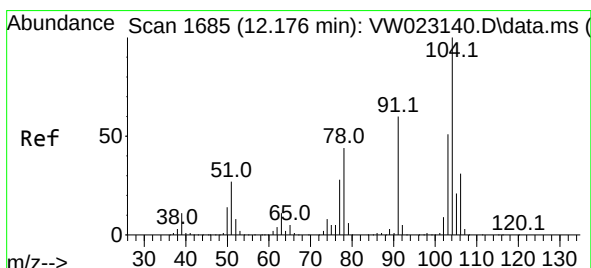
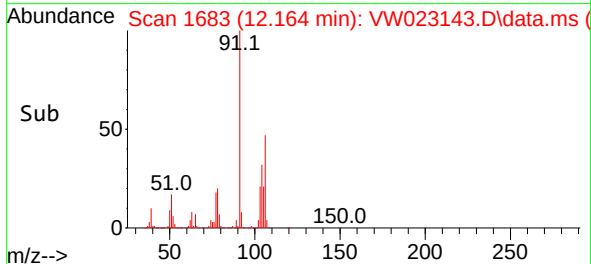
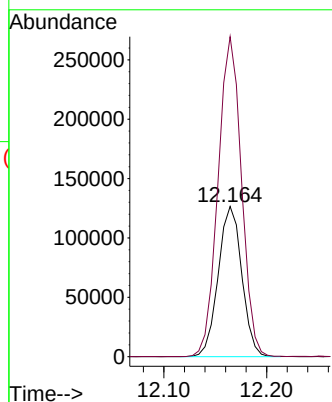
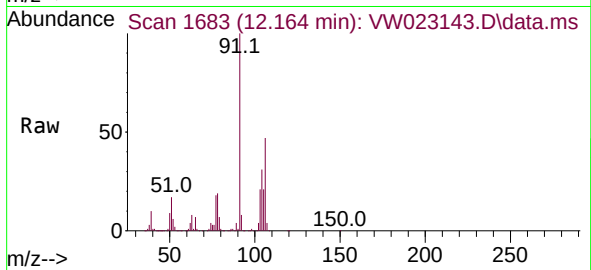




#54
o-Xylene
Concen: 21.926 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

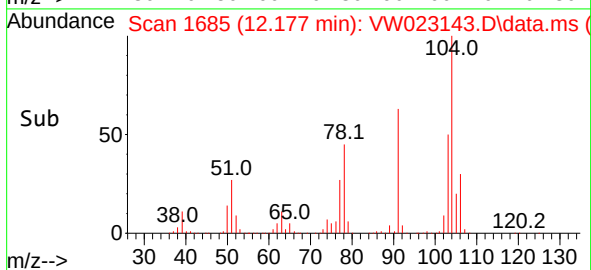
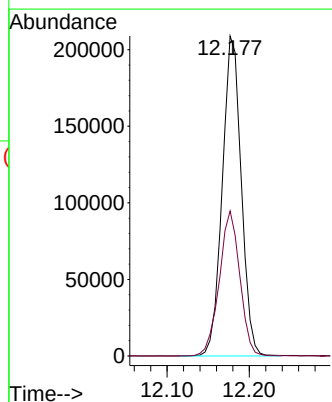
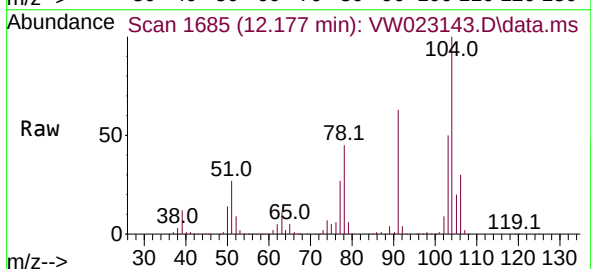
Instrument :
MSVOA_W
ClientSampleId :

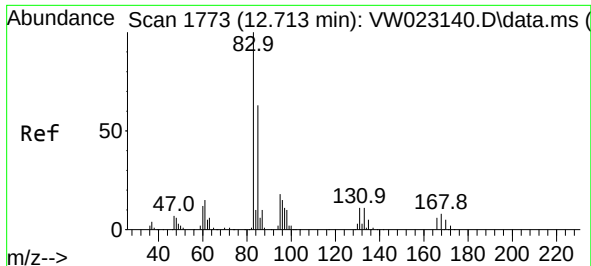
Tgt Ion:106 Resp: 201453
Ion Ratio Lower Upper
106 100
91 213.0 147.2 273.4



#55
Styrene
Concen: 21.432 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

Tgt Ion:104 Resp: 334597
Ion Ratio Lower Upper
104 100
78 45.3 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 21.818 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

Instrument :

MSVOA_W

ClientSampleId :

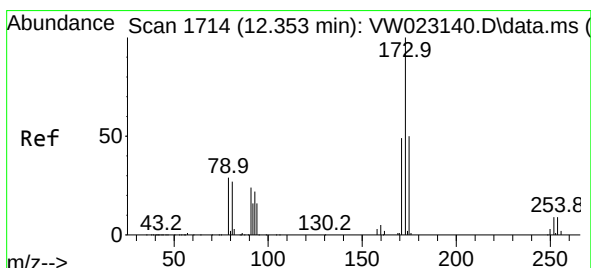
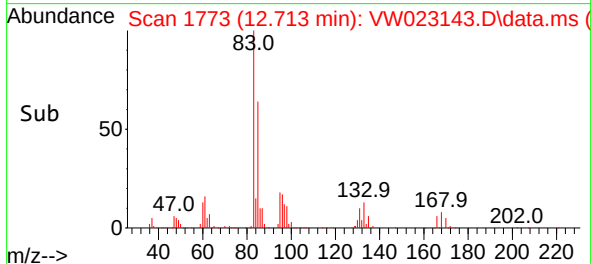
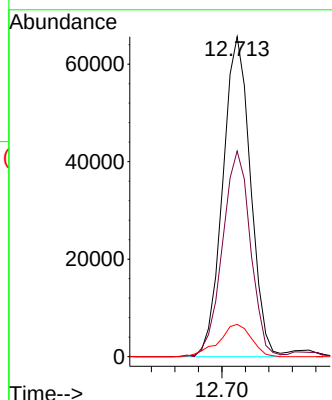
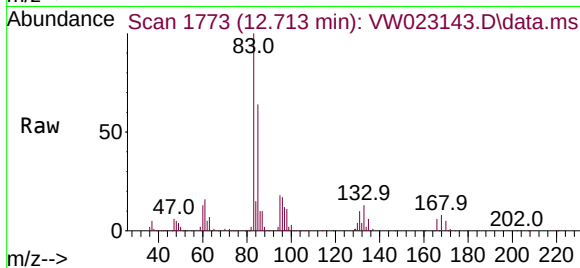
Tgt Ion: 83 Resp: 107443

Ion Ratio Lower Upper

83 100

85 64.3 47.5 88.1

131 10.1 8.7 13.1



#59

Bromoform

Concen: 23.913 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

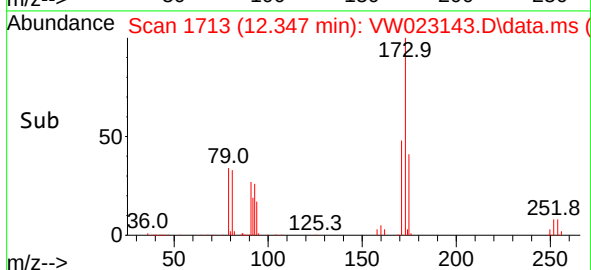
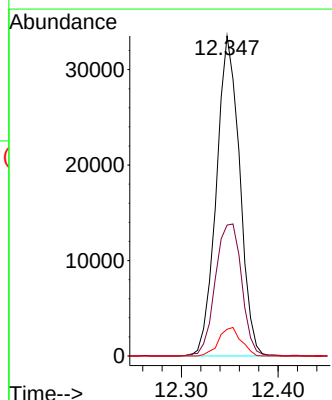
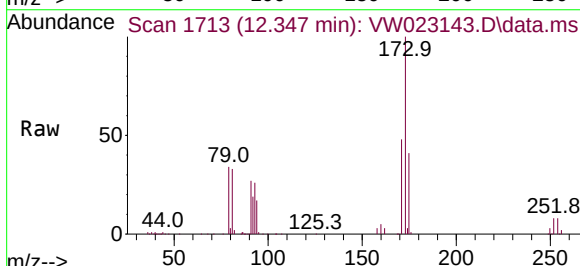
Tgt Ion:173 Resp: 55993

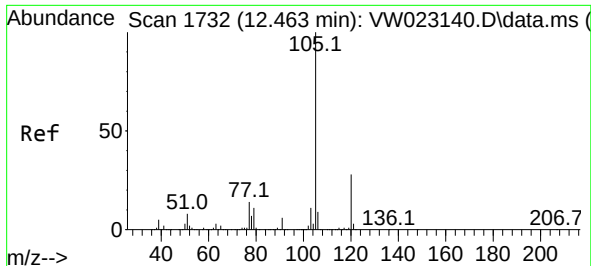
Ion Ratio Lower Upper

173 100

175 46.7 38.1 57.1

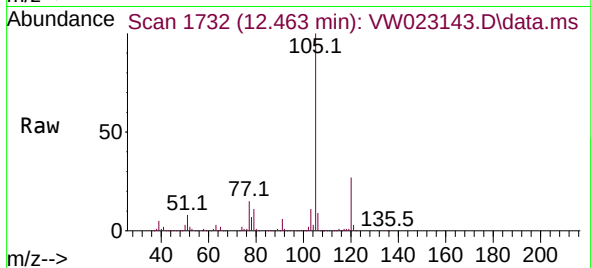
254 8.6 6.5 9.7



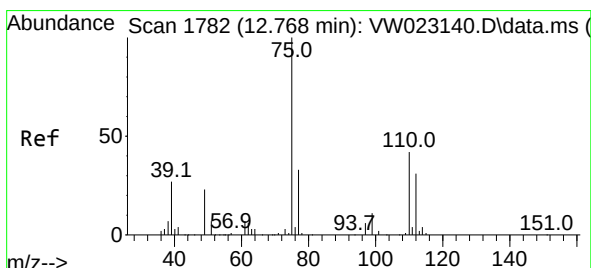
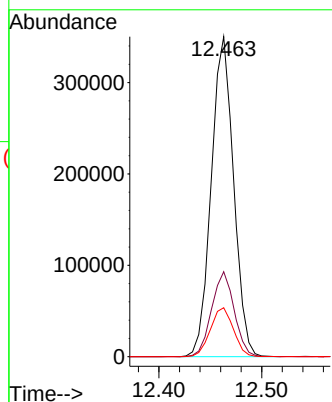
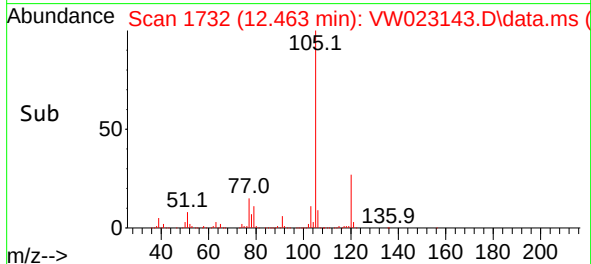


#60
Isopropylbenzene
Concen: 23.303 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

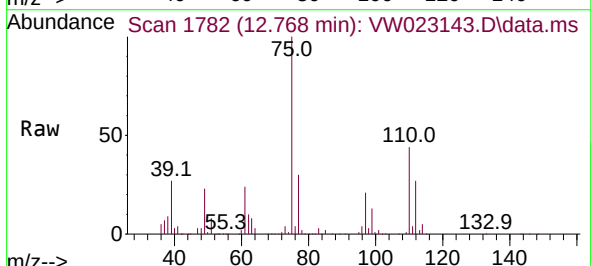
Instrument :
MSVOA_W
ClientSampleId :



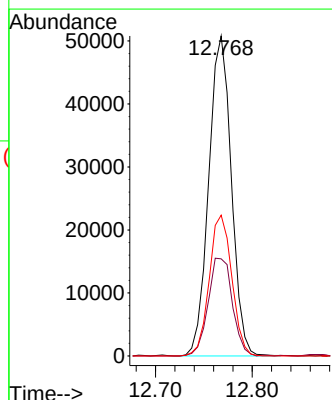
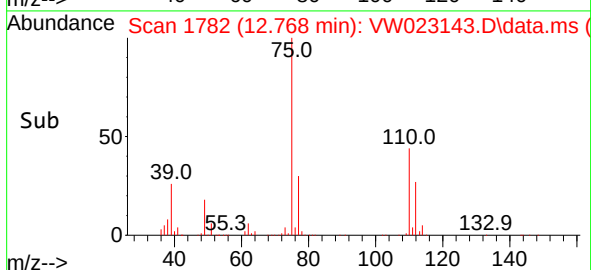
Tgt Ion:105 Resp: 527456
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 15.8 12.6 19.0

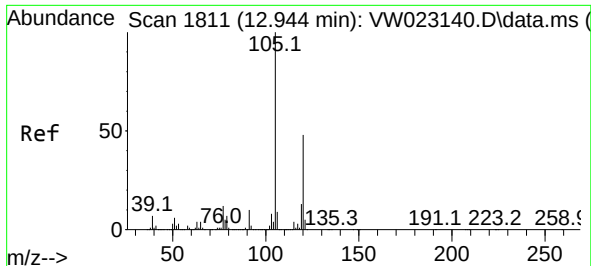


#61
1,2,3-Trichloropropane
Concen: 25.062 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52



Tgt Ion: 75 Resp: 82736
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 43.8 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 23.358 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

Instrument :

MSVOA_W

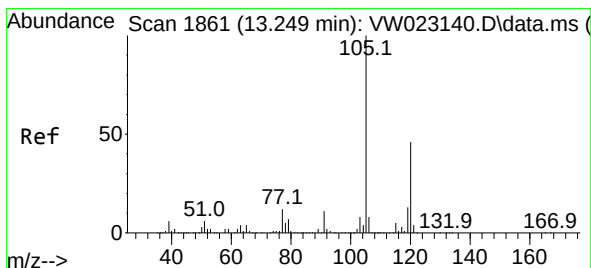
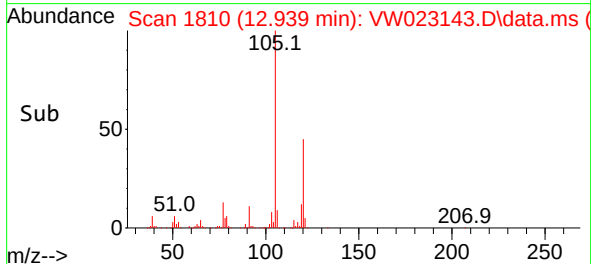
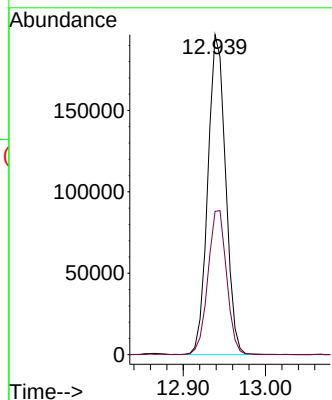
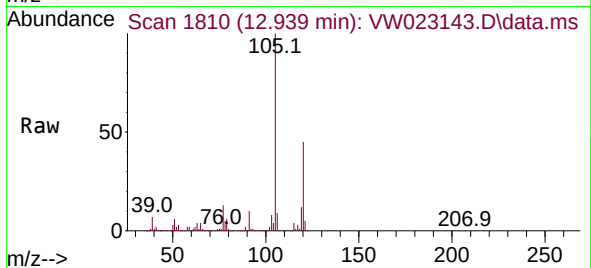
ClientSampleId :

Tgt Ion:105 Resp: 294136

Ion Ratio Lower Upper

105 100

120 47.6 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 22.742 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023143.D

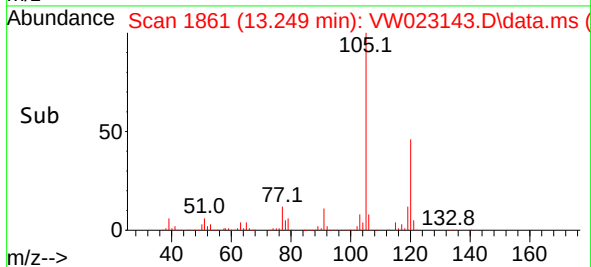
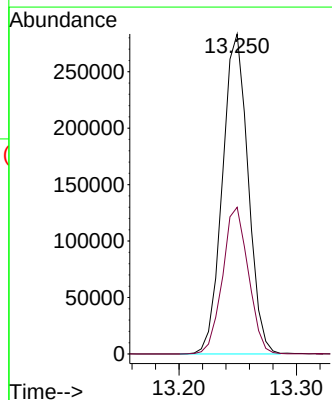
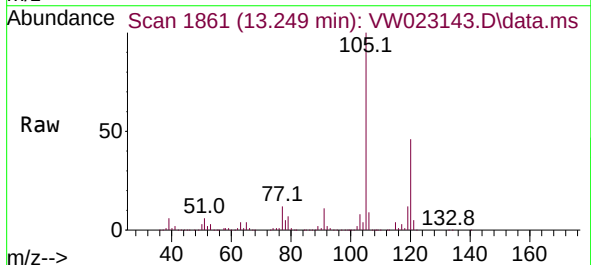
Acq: 18 May 2022 20:52

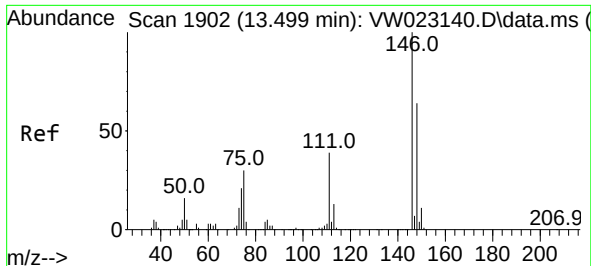
Tgt Ion:105 Resp: 429998

Ion Ratio Lower Upper

105 100

120 46.1 37.4 56.2

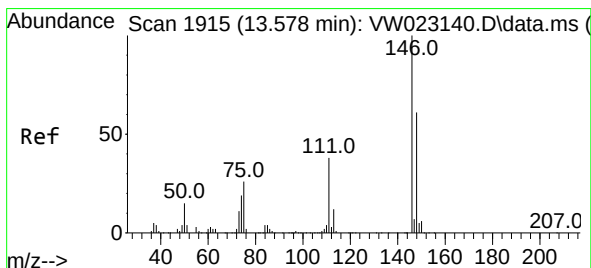
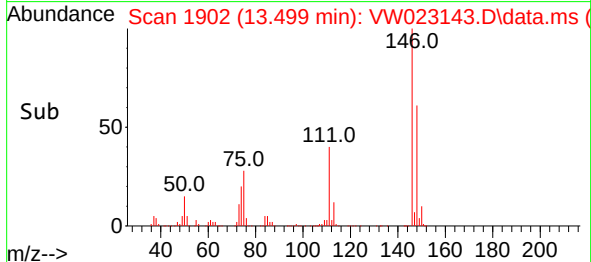
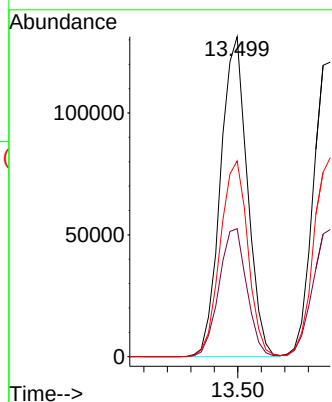
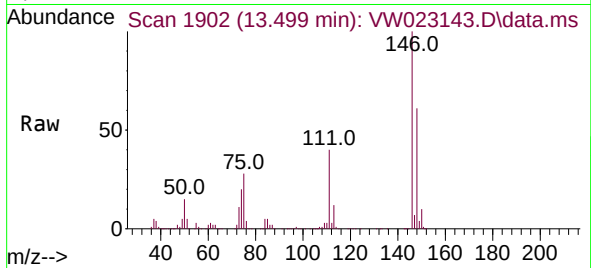




#64
1,3-Dichlorobenzene
Concen: 20.601 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

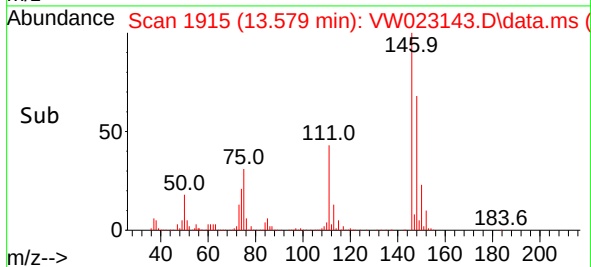
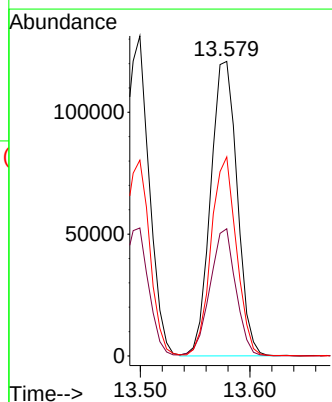
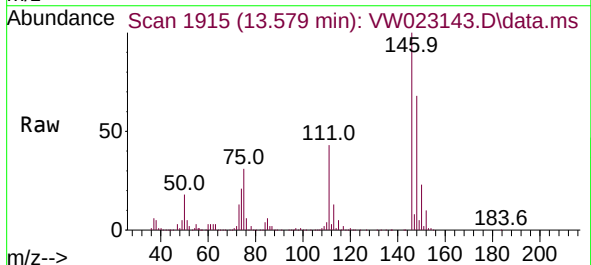
Instrument :
MSVOA_W
ClientSampleId :

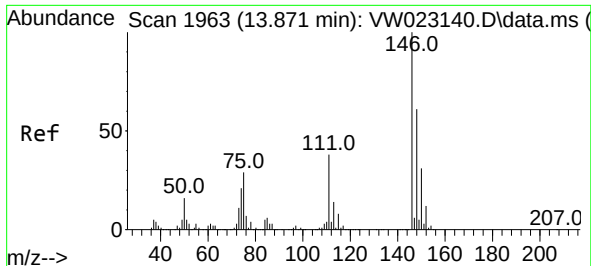
Tgt Ion:146 Resp: 208186
Ion Ratio Lower Upper
146 100
111 40.0 29.5 54.9
148 61.2 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 19.489 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

Tgt Ion:146 Resp: 203431
Ion Ratio Lower Upper
146 100
111 43.2 27.2 50.4
148 67.6 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 22.037 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

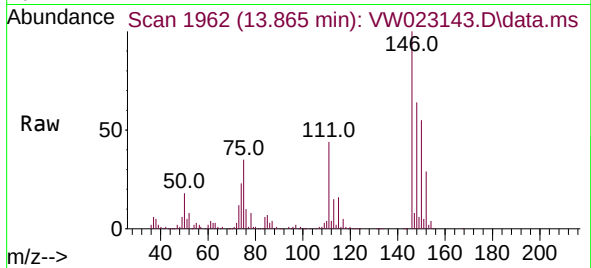
Lab File: VW023143.D

Acq: 18 May 2022 20:52

Instrument :

MSVOA_W

ClientSampleId :



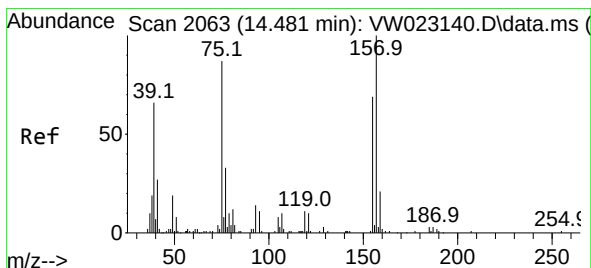
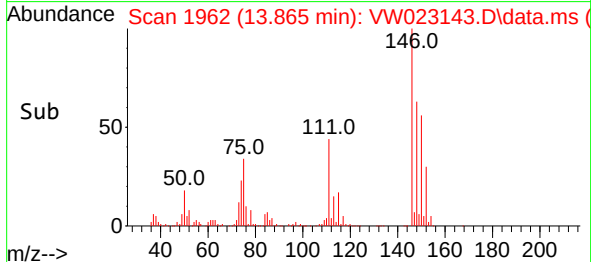
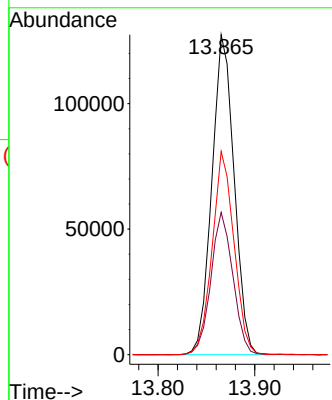
Tgt Ion:146 Resp: 203784

Ion Ratio Lower Upper

146 100

111 44.4 35.7 53.5

148 63.5 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.745 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

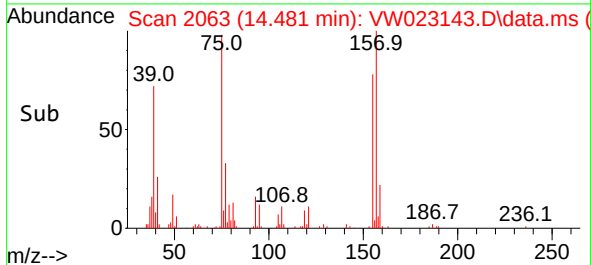
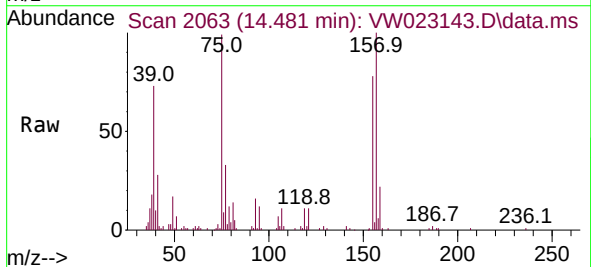
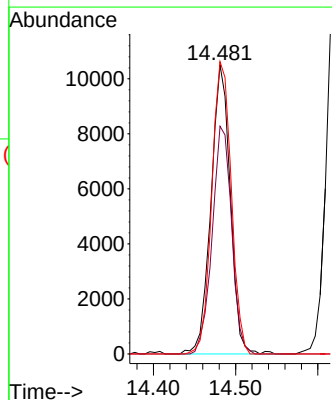
Tgt Ion: 75 Resp: 17132

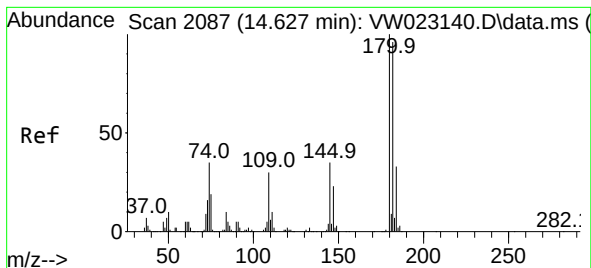
Ion Ratio Lower Upper

75 100

155 78.8 59.3 88.9

157 101.1 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 17.635 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

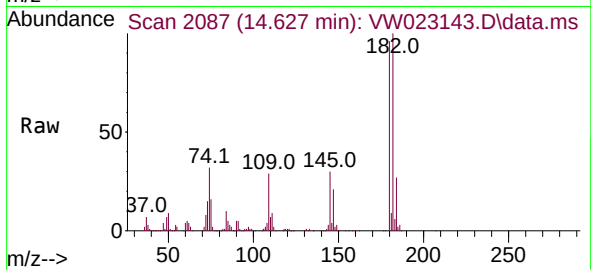
Lab File: VW023143.D

Acq: 18 May 2022 20:52

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 118300

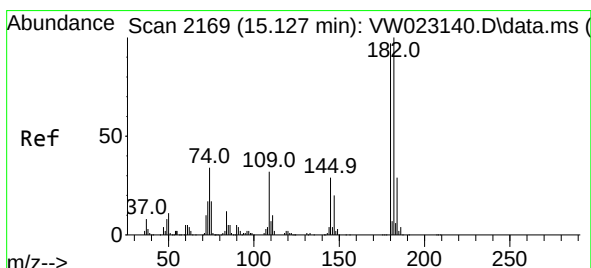
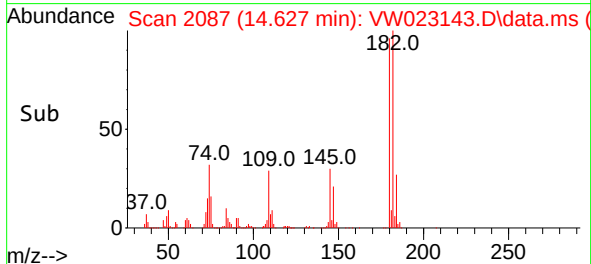
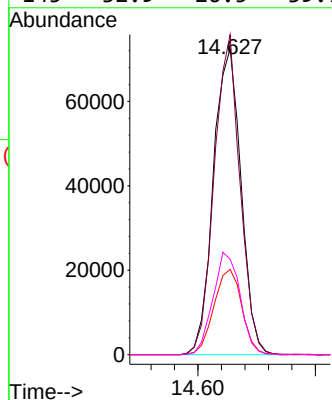
Ion Ratio Lower Upper

180 100

182 97.6 74.8 112.2

184 28.3 23.4 35.2

145 32.9 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 17.789 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023143.D

Acq: 18 May 2022 20:52

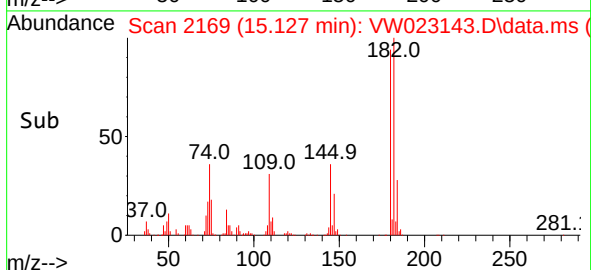
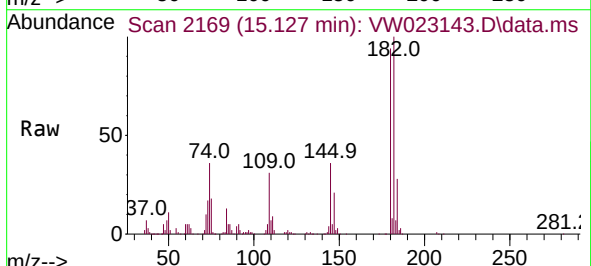
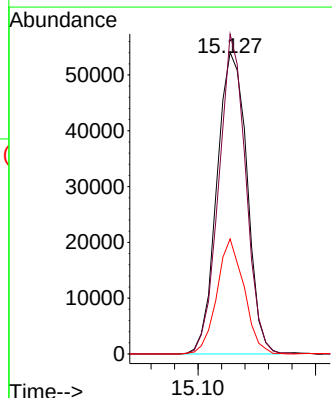
Tgt Ion:180 Resp: 95992

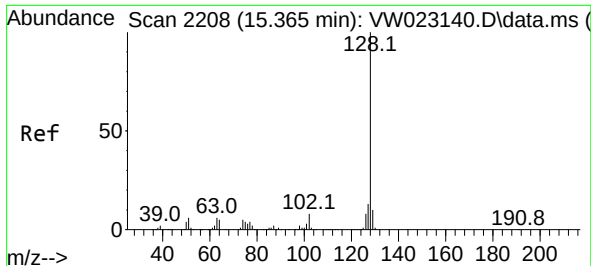
Ion Ratio Lower Upper

180 100

182 95.2 74.9 112.3

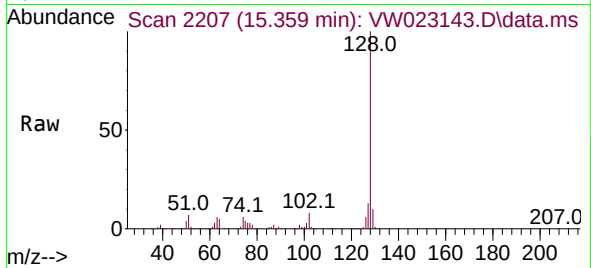
145 34.4 26.6 39.8



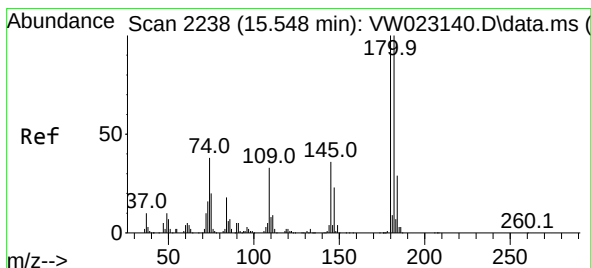
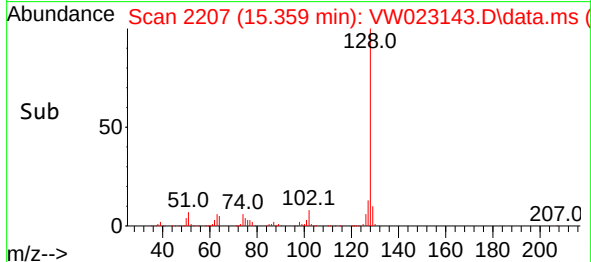
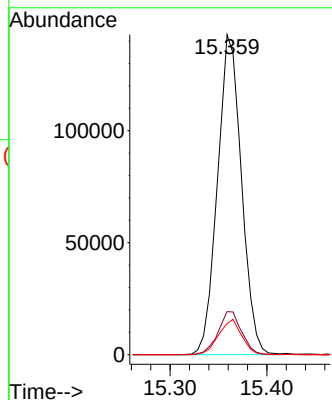


#71
Naphthalene
Concen: 20.979 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 246050
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 19.224 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW023143.D
Acq: 18 May 2022 20:52

Tgt Ion:180 Resp: 91938
Ion Ratio Lower Upper
180 100
182 96.4 73.5 110.3
145 34.5 27.9 41.9

