

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
 Data File : VW024561.D
 Acq On : 06 Sep 2022 18:40
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 07 04:58:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:52:14 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	313629	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.628	117	324055	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	172344	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.343	65	162975	25.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.680%	
7) Chloroethane-d5		2.873	69	121283	25.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.760%	
11) 1,1-Dichloroethene-d2		4.013	63	159694	23.376	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.520%	
21) 2-Butanone-d5		7.074	46	56259	53.858	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.720%	
24) Chloroform-d		7.647	84	199408	24.964	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.840%	
26) 1,2-Dichloroethane-d4		8.305	65	112974	25.085	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.320%	
32) Benzene-d6		8.275	84	387192	24.290	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.160%	
36) 1,2-Dichloropropane-d6		9.274	67	113426	24.134	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.520%	
41) Toluene-d8		10.323	98	379464	24.419	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.680%	
43) trans-1,3-Dichloroprop...		10.579	79	51130	24.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.120%	
47) 2-Hexanone-d5		10.921	63	48328	55.944	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.880%	
56) 1,1,2,2-Tetrachloroeth...		12.688	84	117700	26.129	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.520%	
66) 1,2-Dichlorobenzene-d4		13.853	152	134660	24.669	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.680%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane		2.001	85	29502	19.641	ug/L	92
3) Chloromethane		2.215	50	119240	25.525	ug/L	99
5) Vinyl chloride		2.349	62	201491	25.584	ug/L	98
6) Bromomethane		2.763	94	132282	25.765	ug/L	93
8) Chloroethane		2.910	64	110005	25.674	ug/L	95
9) Trichlorofluoromethane		3.245	101	97461	21.405	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...		4.044	101	100161	23.876	ug/L #	89
12) 1,1-Dichloroethene		4.032	96	83472	23.279	ug/L	94
13) Acetone		4.117	43	41367	46.544	ug/L	97
14) Carbon disulfide		4.373	76	218410	23.021	ug/L	98
15) Methyl Acetate		4.666	43	53947	28.718	ug/L	98
16) Methylene chloride		4.909	84	115189	24.614	ug/L	99
17) trans-1,2-Dichloroethene		5.422	96	102234	24.891	ug/L	94
18) Methyl tert-butyl Ether		5.428	73	207462	28.363	ug/L	99
19) 1,1-Dichloroethane		6.214	63	193852	25.941	ug/L	99
20) cis-1,2-Dichloroethene		7.165	96	122121	26.500	ug/L	94
22) 2-Butanone		7.171	43	77892	54.182	ug/L	94
23) Bromochloromethane		7.513	128	56207	26.640	ug/L	93
25) Chloroform		7.677	83	219652	26.460	ug/L	100

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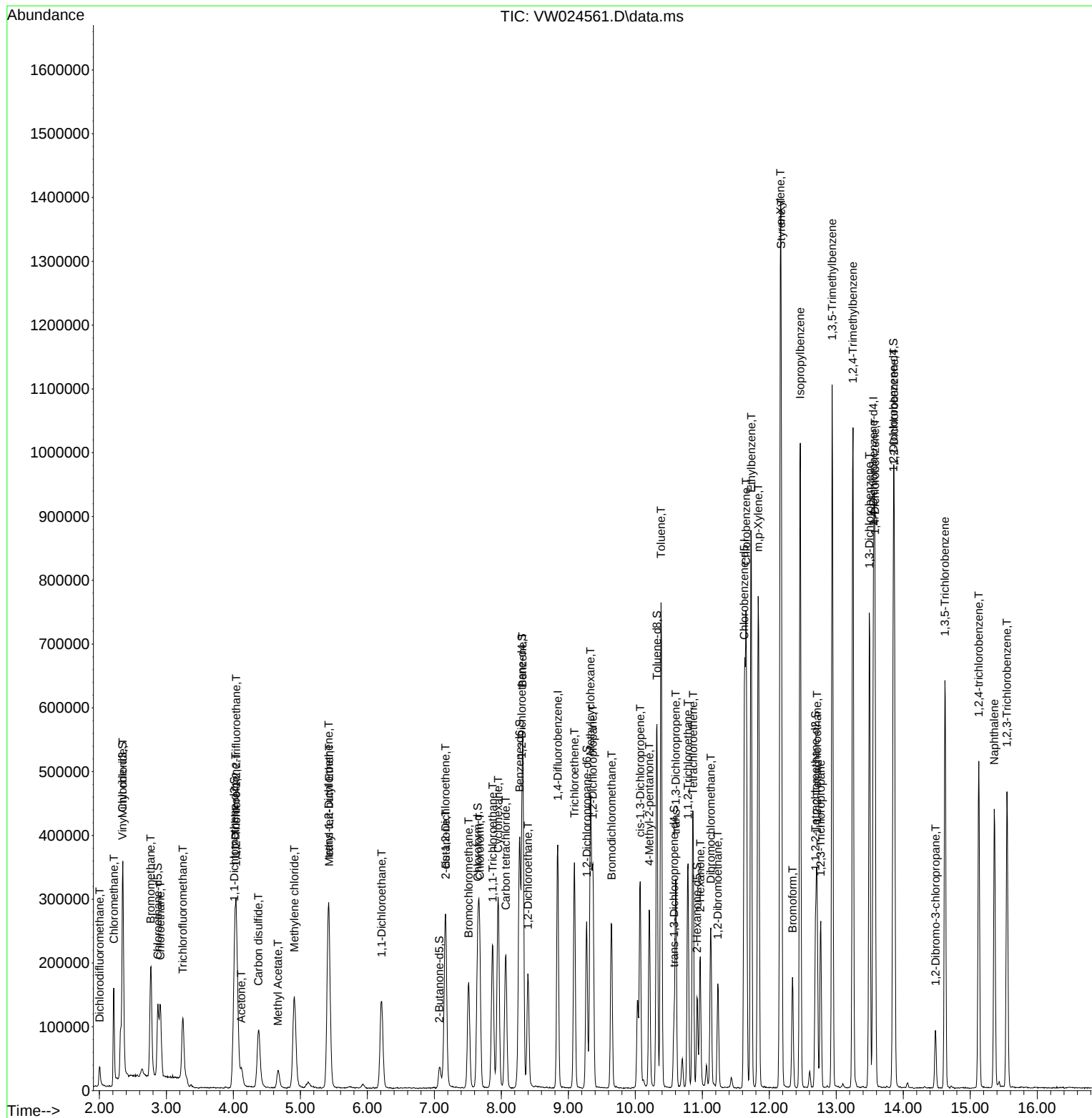
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	157229	28.179	ug/L	99
29) Cyclohexane	7.952	56	155434	24.776	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	172022	24.205	ug/L	99
31) Carbon tetrachloride	8.067	117	153428	23.637	ug/L	98
33) Benzene	8.317	78	471017	25.609	ug/L	100
34) Trichloroethene	9.092	95	119910	24.962	ug/L	98
35) Methylcyclohexane	9.329	83	187328	24.375	ug/L	99
37) 1,2-Dichloropropane	9.366	63	119052	25.917	ug/L	99
38) Bromodichloromethane	9.646	83	170396	26.246	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	177913	26.490	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	174268	57.511	ug/L	98
42) Toluene	10.384	91	548385	27.045	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	170774	26.919	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	106039	27.621	ug/L	96
46) Tetrachloroethene	10.866	164	88981	25.140	ug/L	84
48) 2-Hexanone	10.969	43	129663	62.398	ug/L	98
49) Dibromochloromethane	11.128	129	124932	27.837	ug/L	94
50) 1,2-Dibromoethane	11.231	107	103262	27.714	ug/L	93
51) Chlorobenzene	11.652	112	370818	26.471	ug/L	95
52) Ethylbenzene	11.731	91	621880	27.013	ug/L	97
53) m,p-Xylene	11.835	106	250346	27.833	ug/L	97
54) o-Xylene	12.164	106	237602	27.746	ug/L	94
55) Styrene	12.176	104	427078	28.333	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	144514	29.734	ug/L	97
59) Bromoform	12.347	173	72087	28.776	ug/L	94
60) Isopropylbenzene	12.463	105	641179	27.478	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	102275	28.684	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	558333	28.814	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	549657	28.501	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	293300	27.896	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	300406	27.107	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	277224	28.274	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	22938	27.189	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	176599	25.860	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	148866	27.471	ug/L	99
71) Naphthalene	15.359	128	355311	29.637	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	139515	27.674	ug/L	99

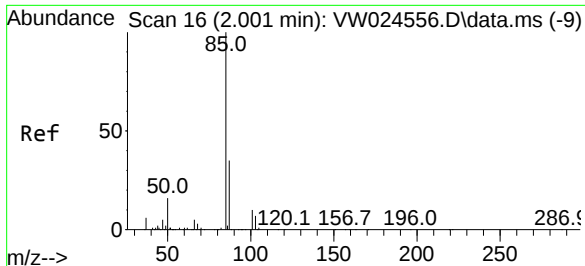
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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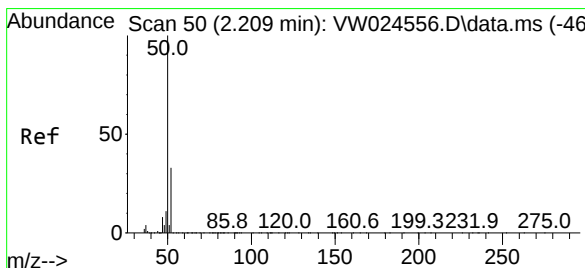
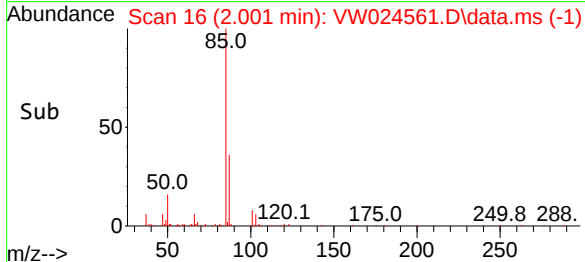
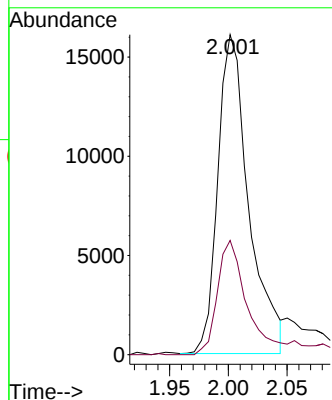
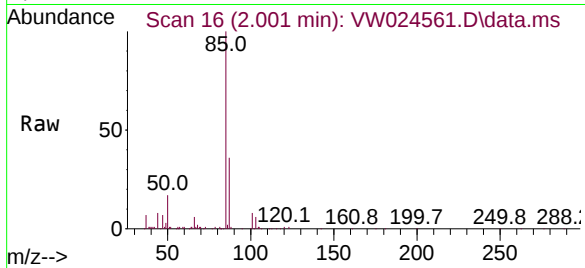




#2
Dichlorodifluoromethane
Concen: 19.641 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

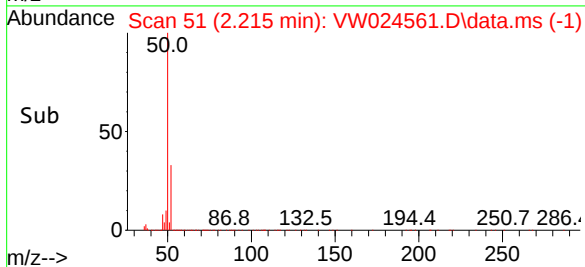
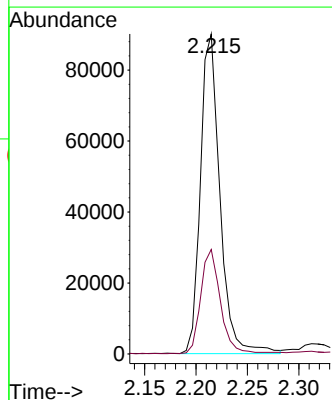
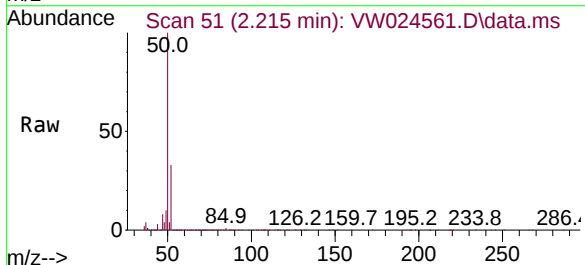
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MSVOA_W
ClientSampleId :

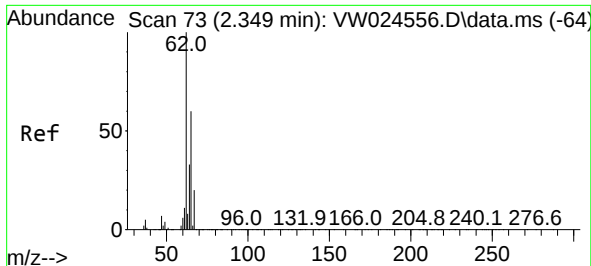
Tgt Ion: 85 Resp: 29502
Ion Ratio Lower Upper
85 100
87 34.3 24.2 36.2



#3
Chloromethane
Concen: 25.525 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

Tgt Ion: 50 Resp: 119240
Ion Ratio Lower Upper
50 100
52 32.6 23.3 43.3

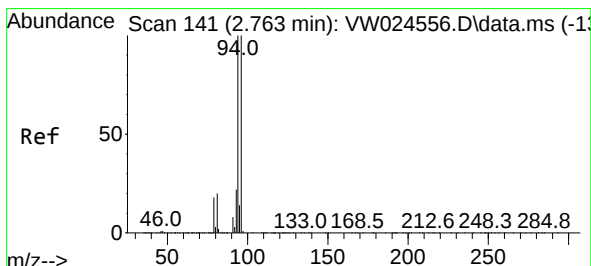
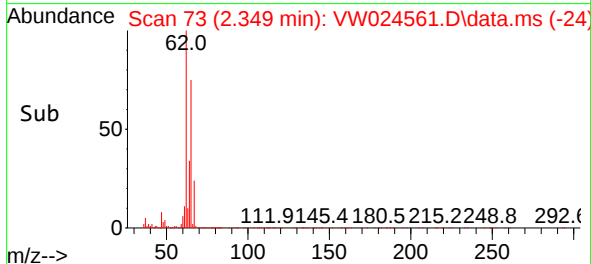
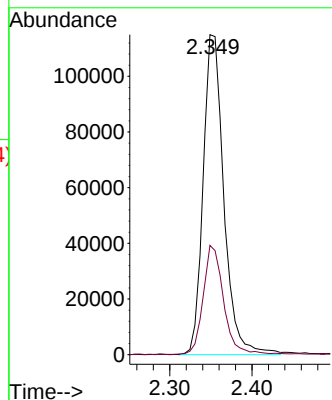
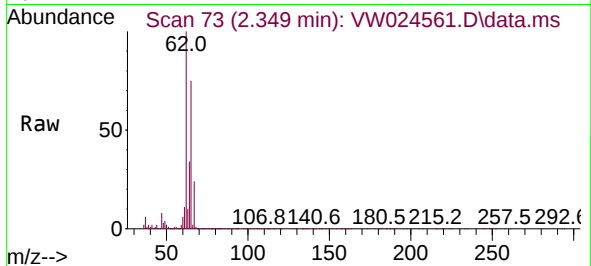




#5
 Vinyl chloride
 Concen: 25.584 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024561.D
 Acq: 06 Sep 2022 18:40

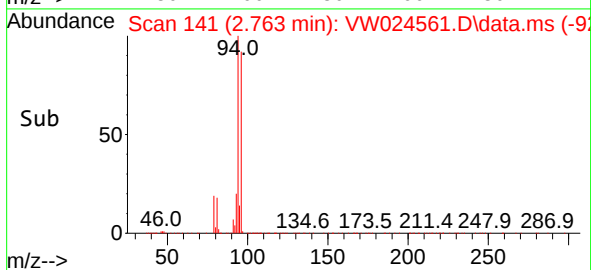
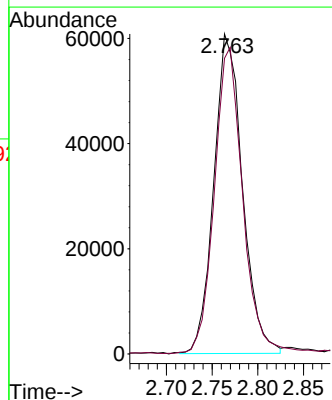
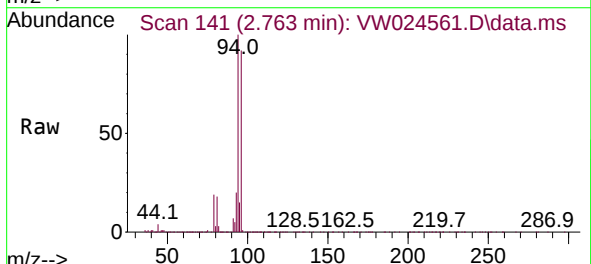
Instrument :
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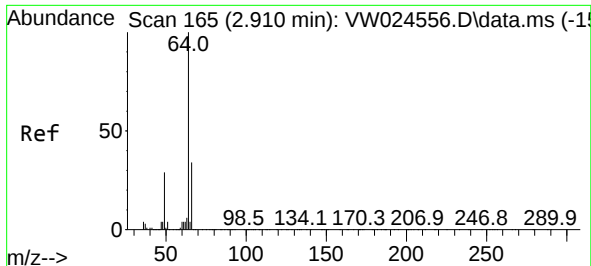
Tgt Ion: 62 Resp: 201491
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.3 43.3



#6
 Bromomethane
 Concen: 25.765 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024561.D
 Acq: 06 Sep 2022 18:40

Tgt Ion: 94 Resp: 132282
 Ion Ratio Lower Upper
 94 100
 96 92.4 69.8 129.6

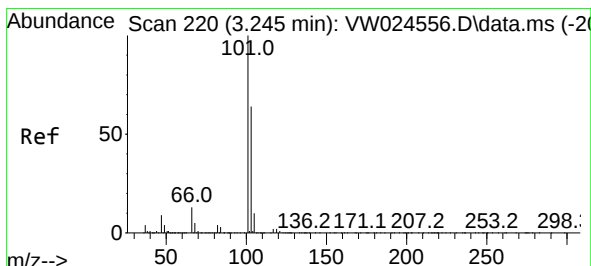
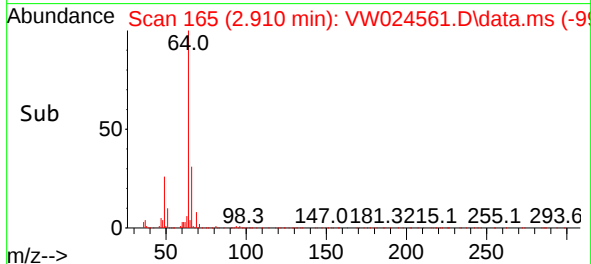
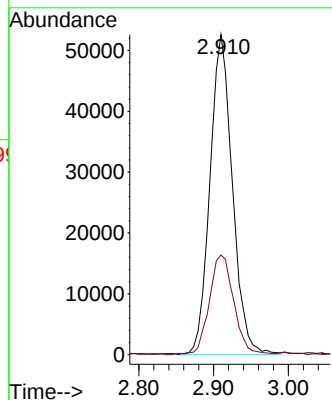
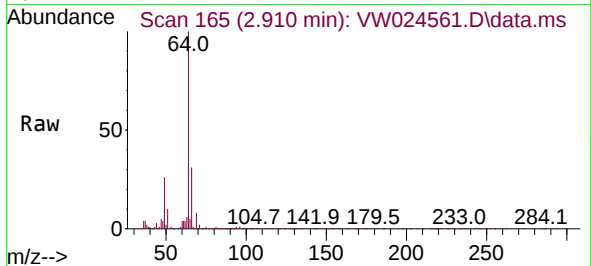




#8
Chloroethane
Concen: 25.674 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

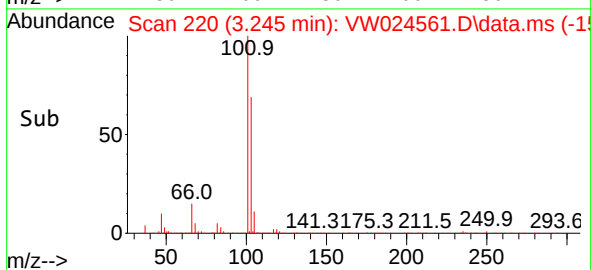
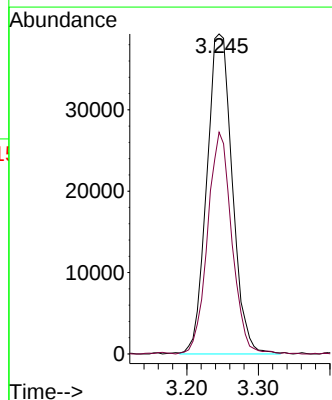
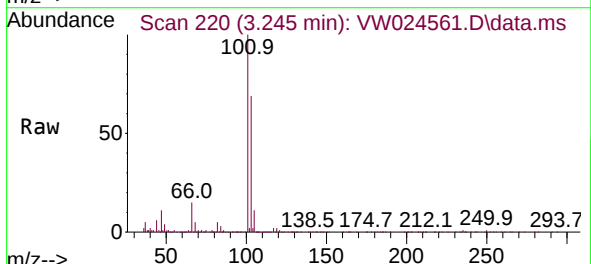
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MSVOA_W
ClientSampleId :

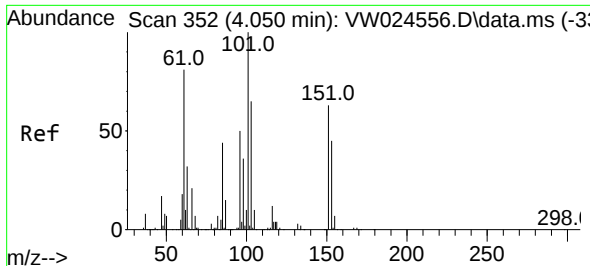
Tgt Ion: 64 Resp: 110005
Ion Ratio Lower Upper
64 100
66 31.2 23.7 44.1



#9
Trichlorofluoromethane
Concen: 21.405 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

Tgt Ion: 101 Resp: 97461
Ion Ratio Lower Upper
101 100
103 65.5 52.5 78.7

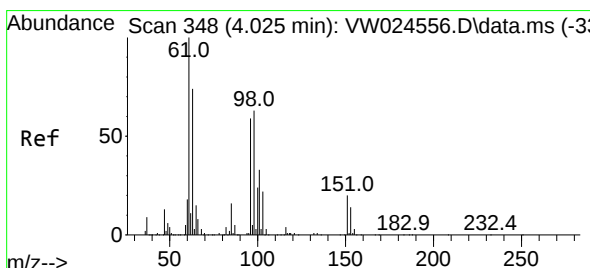
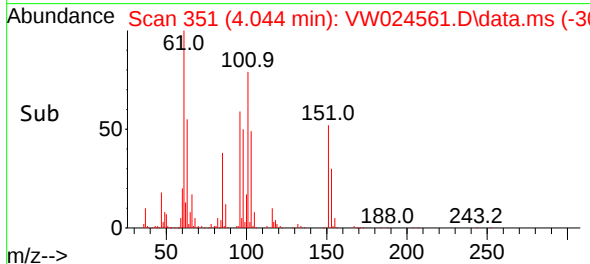
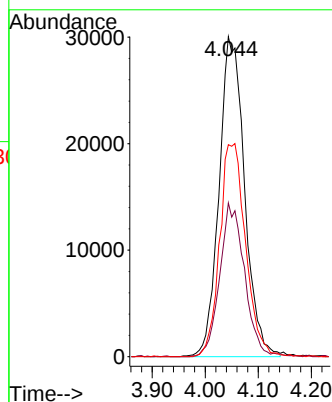
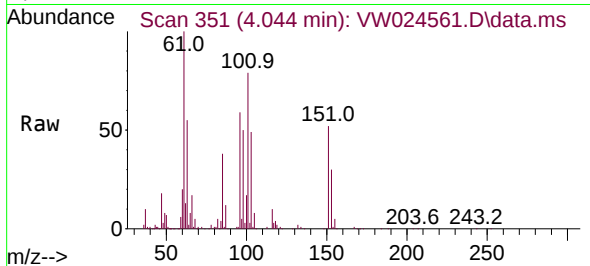




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.876 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW024561.D
 Acq: 06 Sep 2022 18:40

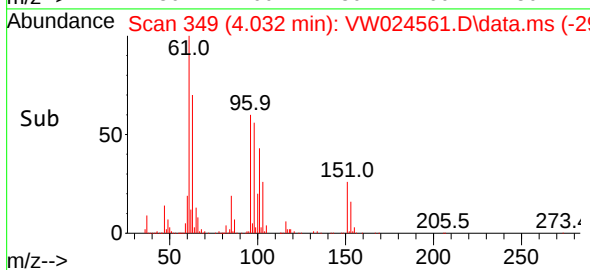
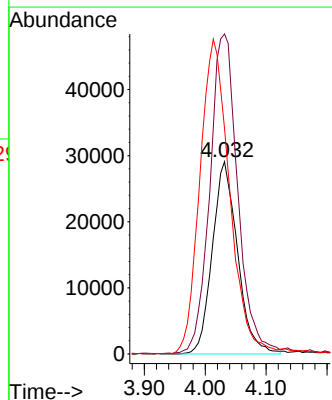
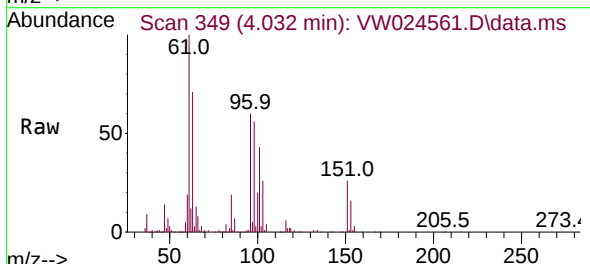
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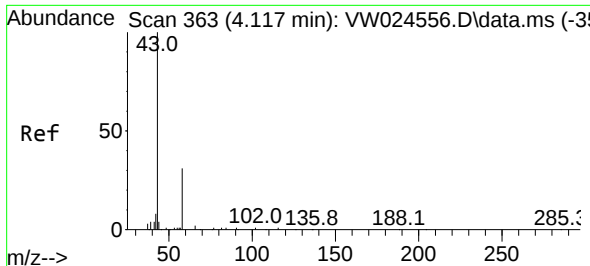
Tgt Ion:101 Resp: 100161
 Ion Ratio Lower Upper
 101 100
 85 46.2 21.8 32.8#
 151 67.6 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 23.279 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024561.D
 Acq: 06 Sep 2022 18:40

Tgt Ion: 96 Resp: 83472
 Ion Ratio Lower Upper
 96 100
 61 166.4 119.8 222.6
 63 117.4 89.6 166.4

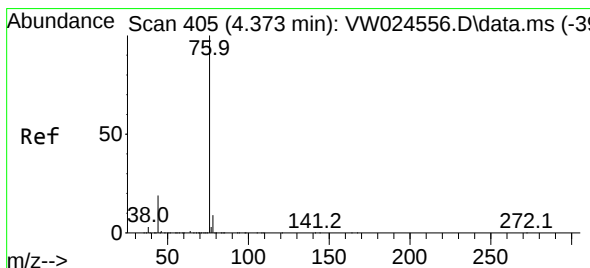
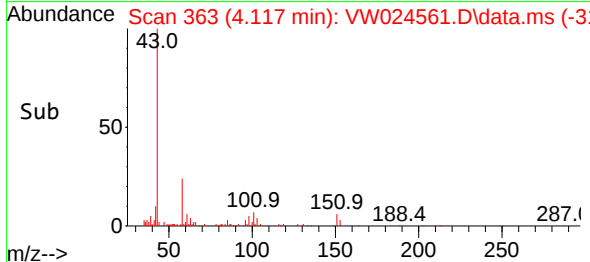
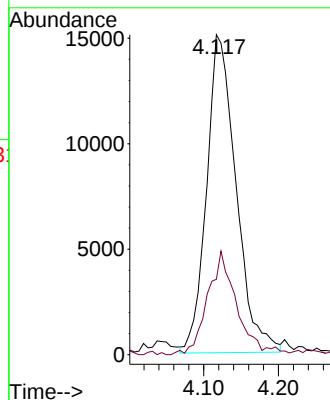
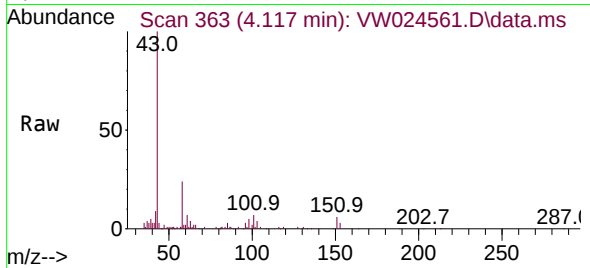




#13
Acetone
Concen: 46.544 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
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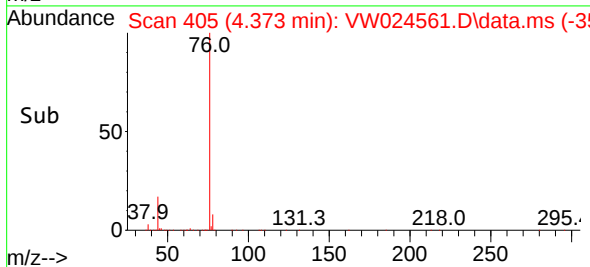
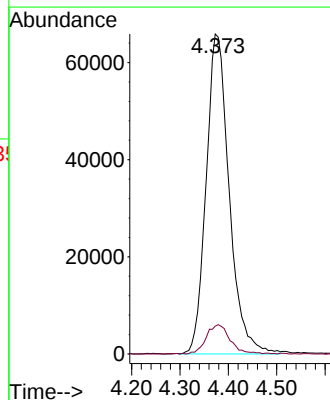
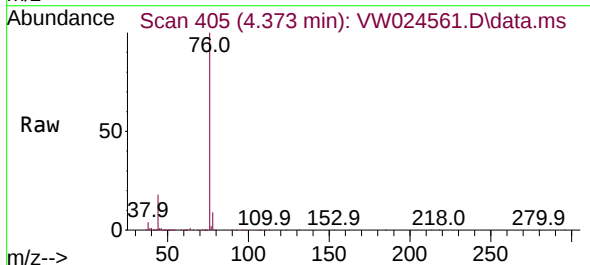
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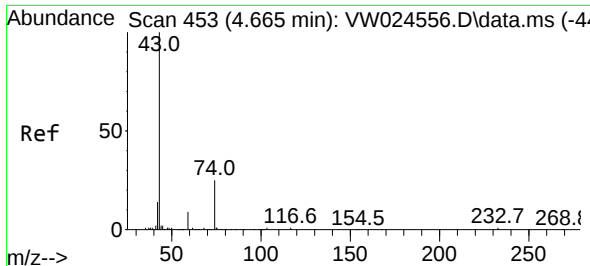
Tgt Ion: 43 Resp: 41367
Ion Ratio Lower Upper
43 100
58 30.6 0.0 57.8



#14
Carbon disulfide
Concen: 23.021 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 218410
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

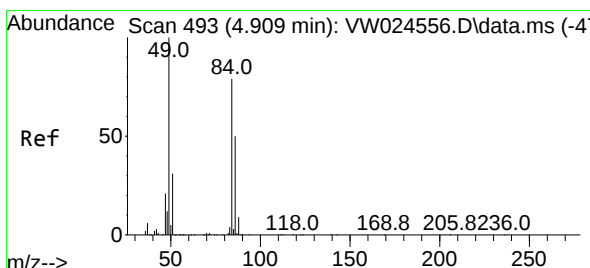
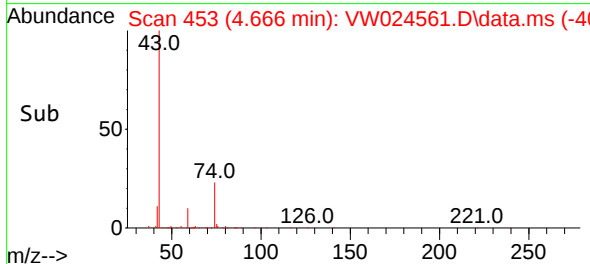
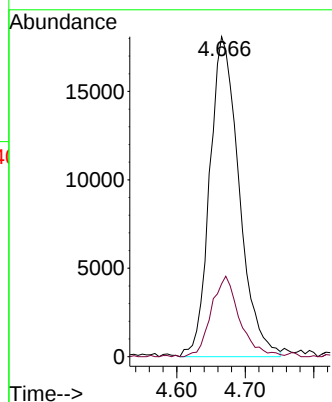
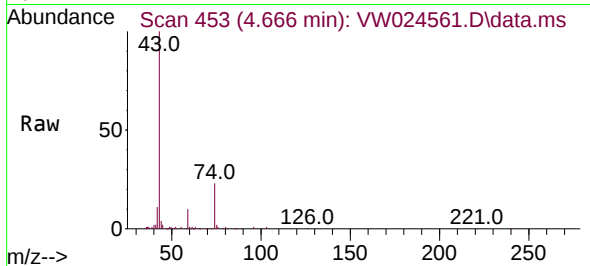




#15
Methyl Acetate
Concen: 28.718 ug/L
RT: 4.666 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

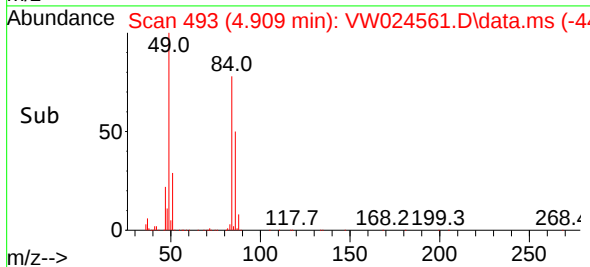
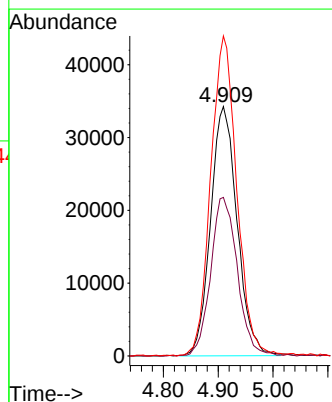
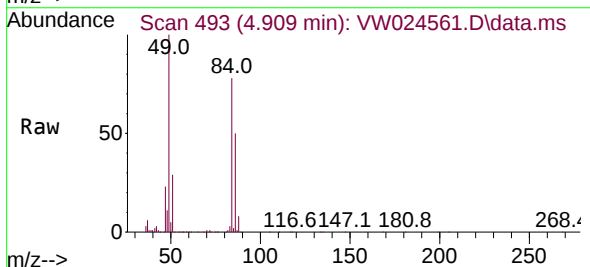
Instrument :
MSVOA_W
ClientSampleId :

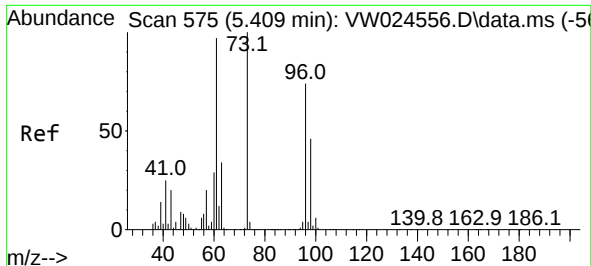
Tgt Ion: 43 Resp: 53947
Ion Ratio Lower Upper
43 100
74 23.8 19.9 29.9



#16
Methylene chloride
Concen: 24.614 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

Tgt Ion: 84 Resp: 115189
Ion Ratio Lower Upper
84 100
86 63.6 44.4 82.5
49 128.3 88.5 164.3

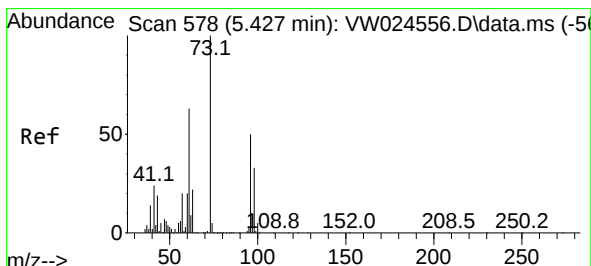
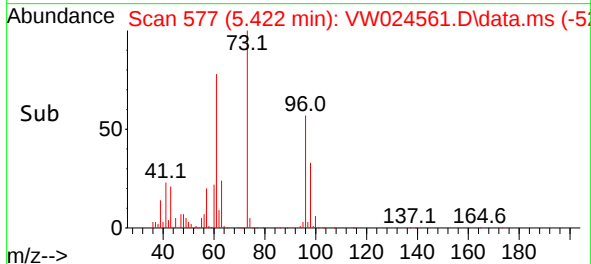
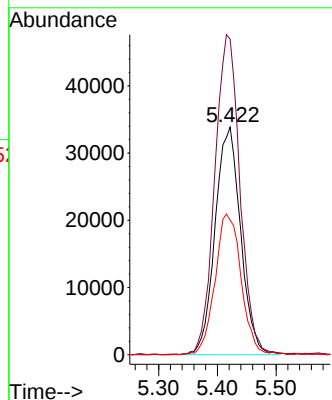
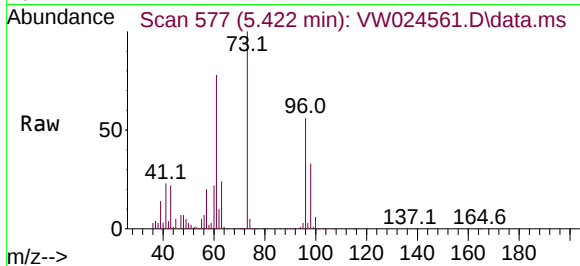




#17
trans-1,2-Dichloroethene
Concen: 24.891 ug/L
RT: 5.422 min Scan# 575
Delta R.T. 0.012 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

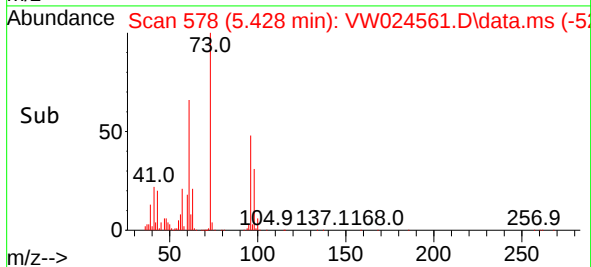
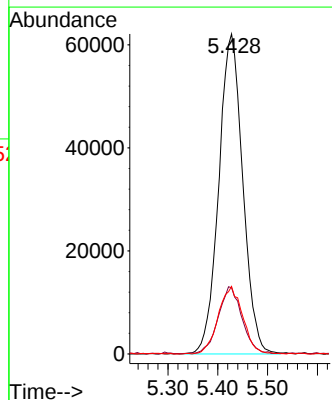
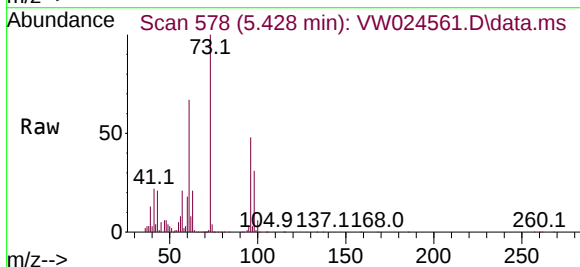
Instrument :
MSVOA_W
ClientSampleId :

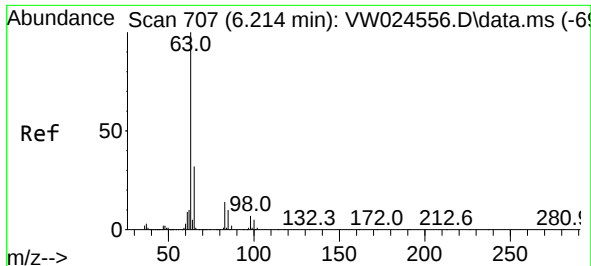
Tgt Ion: 96 Resp: 102234
Ion Ratio Lower Upper
96 100
61 138.8 91.7 170.3
98 59.2 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 28.363 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

Tgt Ion: 73 Resp: 207462
Ion Ratio Lower Upper
73 100
43 20.6 16.7 25.1
57 21.4 16.8 25.2





#19

1,1-Dichloroethane

Concen: 25.941 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

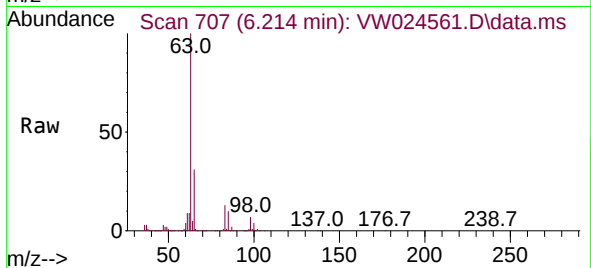
Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :



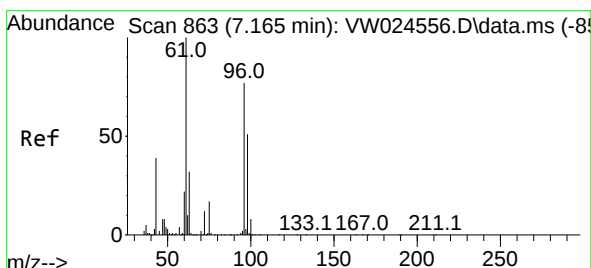
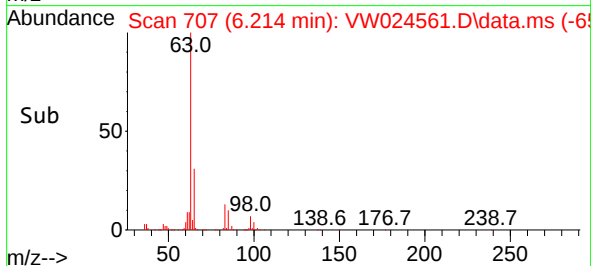
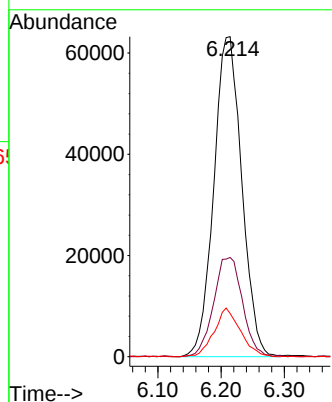
Tgt Ion: 63 Resp: 193852

Ion Ratio Lower Upper

63 100

65 31.0 22.0 41.0

83 13.5 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 26.500 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

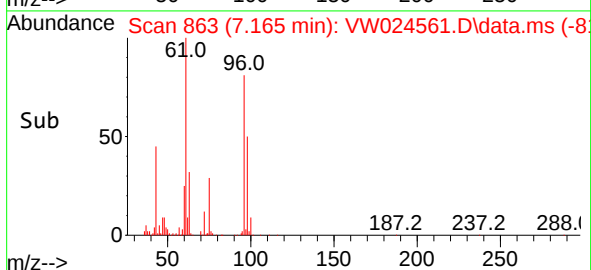
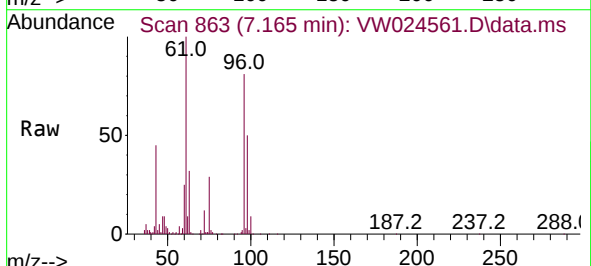
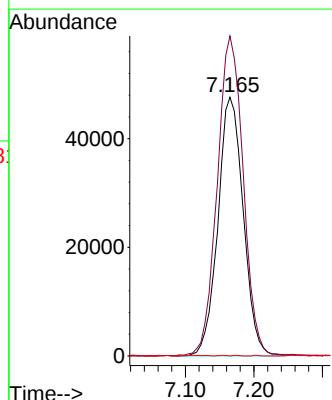
Tgt Ion: 96 Resp: 122121

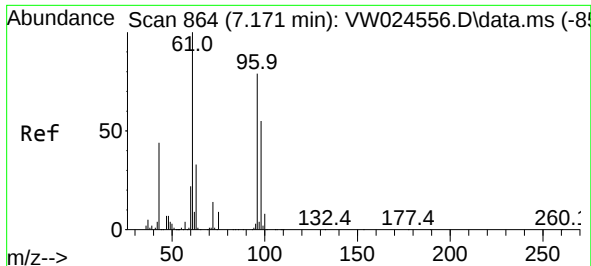
Ion Ratio Lower Upper

96 100

61 123.7 91.2 169.4

68 0.0 0.0 0.0

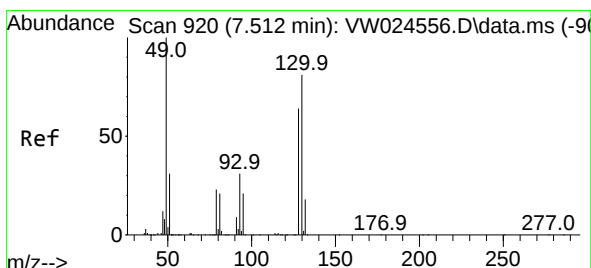
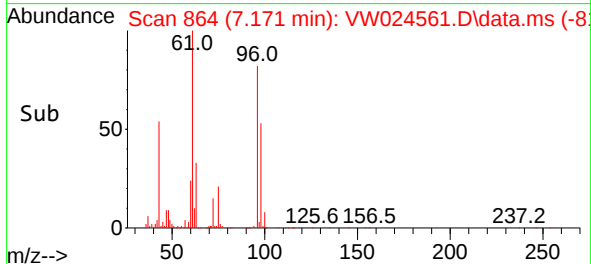
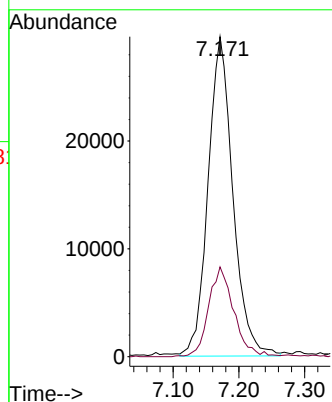
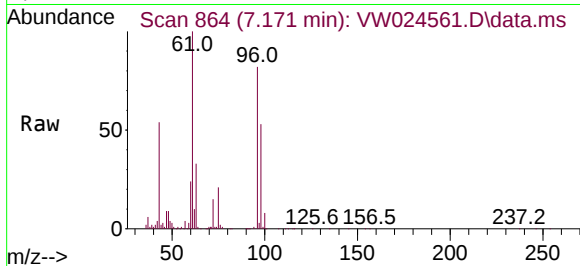




#22
2-Butanone
Concen: 54.182 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

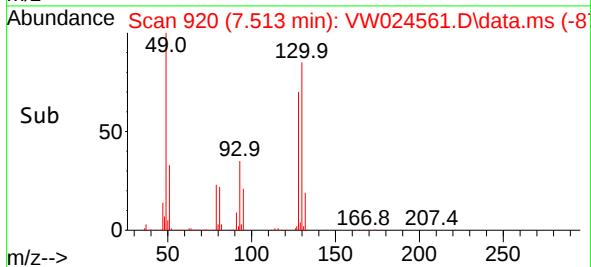
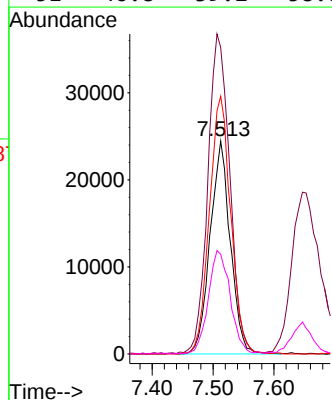
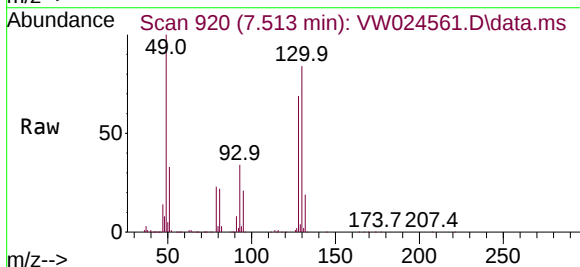
Instrument :
MSVOA_W
ClientSampleId :

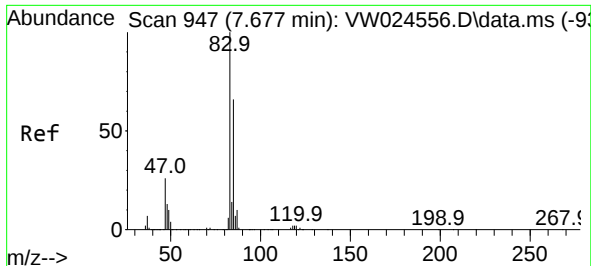
Tgt Ion: 43 Resp: 77892
Ion Ratio Lower Upper
43 100
72 27.8 15.4 46.4



#23
Bromochloromethane
Concen: 26.640 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

Tgt Ion: 128 Resp: 56207
Ion Ratio Lower Upper
128 100
49 143.9 110.0 204.2
130 121.1 88.3 163.9
51 46.8 39.2 58.8

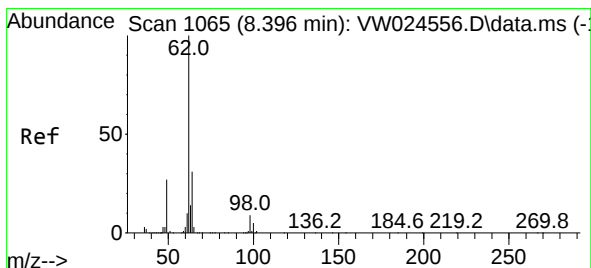
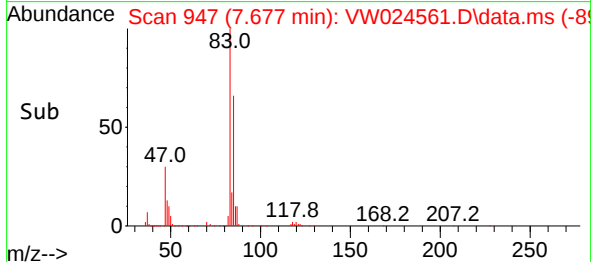
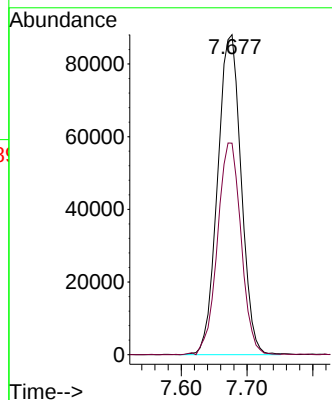
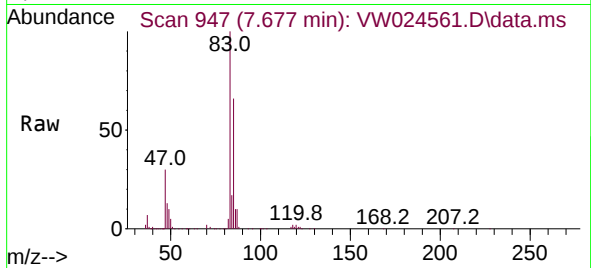




#25
Chloroform
Concen: 26.460 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

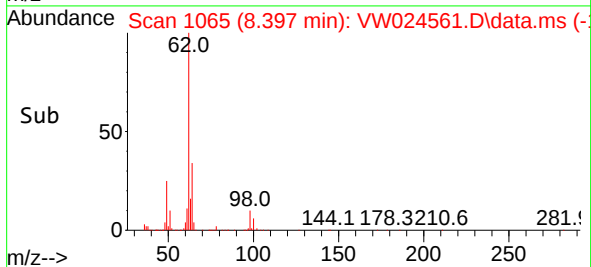
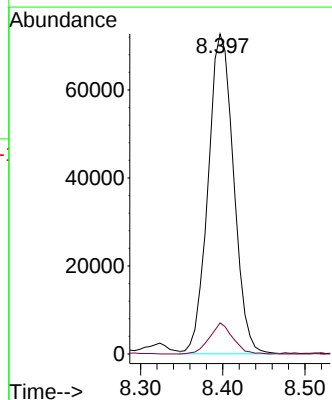
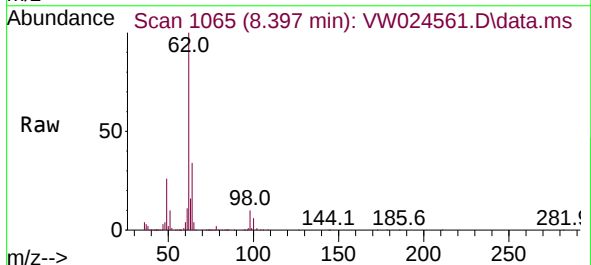
Instrument :
MSVOA_W
ClientSampleId :

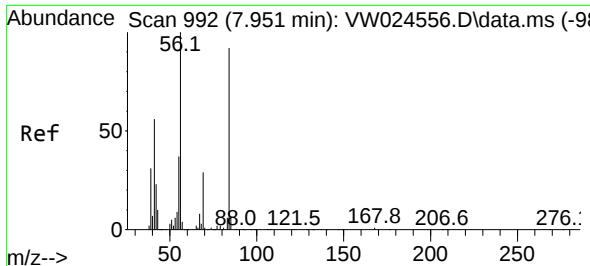
Tgt Ion: 83 Resp: 219652
Ion Ratio Lower Upper
83 100
85 66.1 46.4 86.2



#27
1,2-Dichloroethane
Concen: 28.179 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

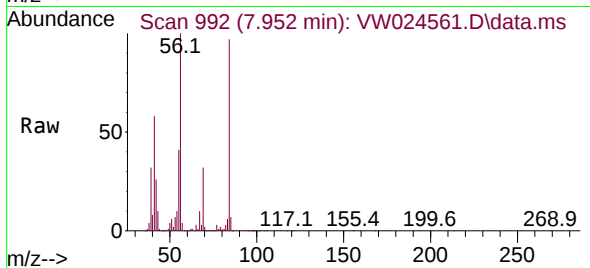
Tgt Ion: 62 Resp: 157229
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0



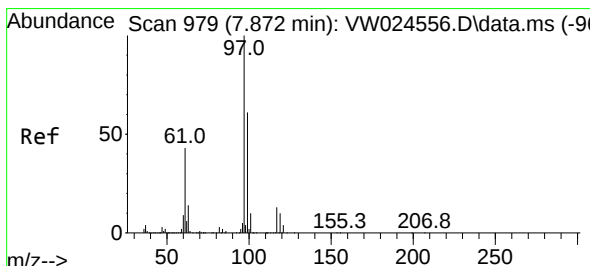
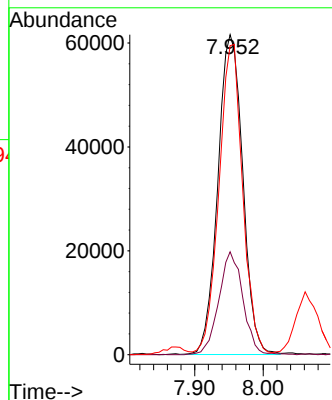
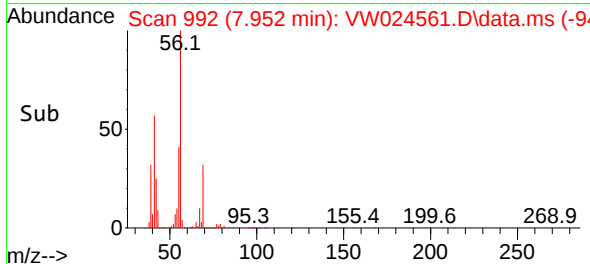


#29
Cyclohexane
Concen: 24.776 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

Instrument :
MSVOA_W
ClientSampleId :

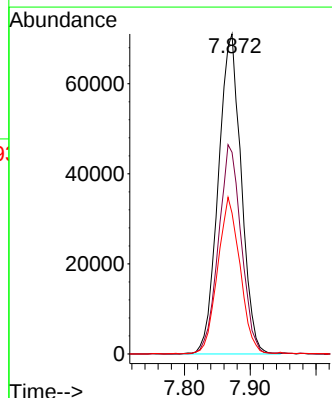
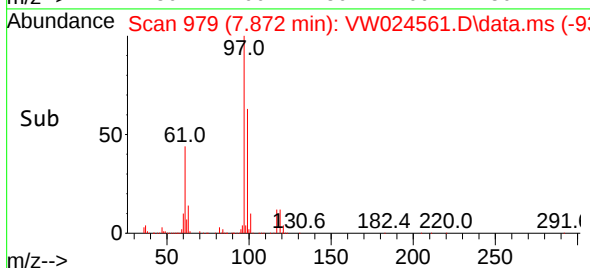
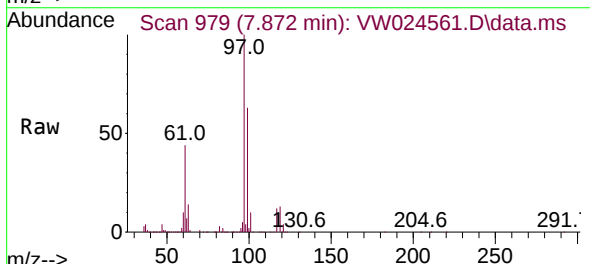


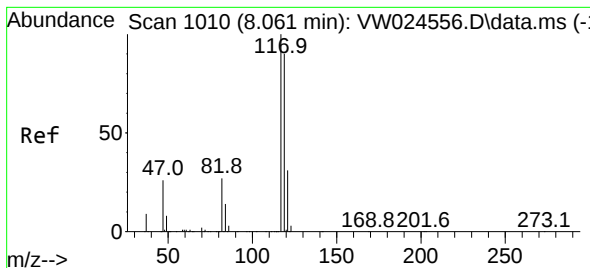
Tgt Ion: 56 Resp: 155434
Ion Ratio Lower Upper
56 100
69 31.1 24.5 36.7
84 92.5 75.7 113.5



#30
1,1,1-Trichloroethane
Concen: 24.205 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

Tgt Ion: 97 Resp: 172022
Ion Ratio Lower Upper
97 100
99 64.8 51.5 77.3
61 48.0 37.2 55.8





#31

Carbon tetrachloride

Concen: 23.637 ug/L

RT: 8.067 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

Instrument :

MSVOA_W

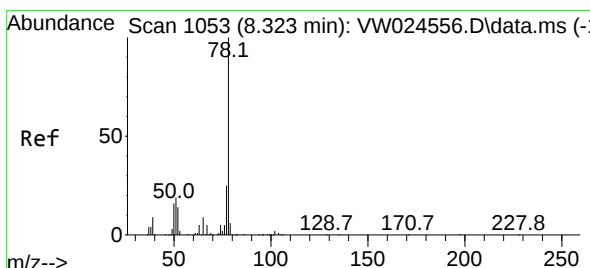
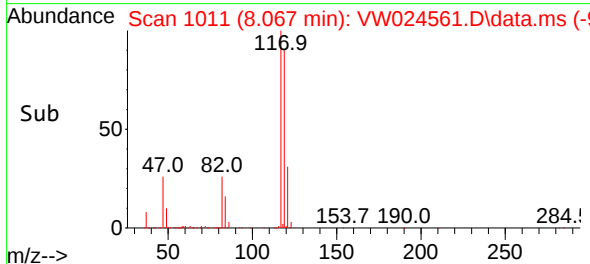
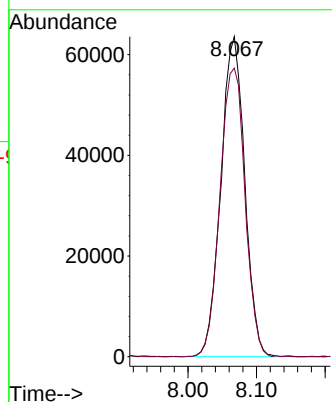
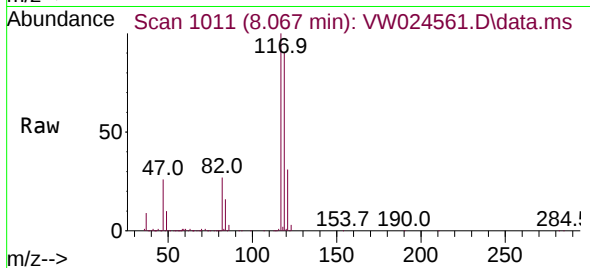
ClientSampleId :

Tgt Ion:117 Resp: 153428

Ion Ratio Lower Upper

117 100

119 94.7 74.4 111.6



#33

Benzene

Concen: 25.609 ug/L

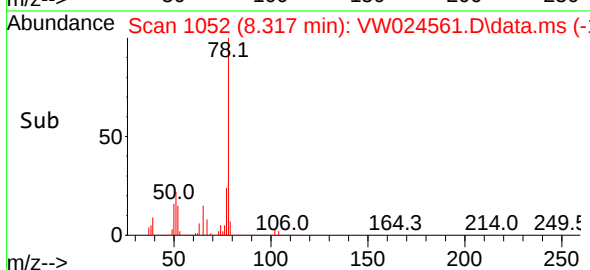
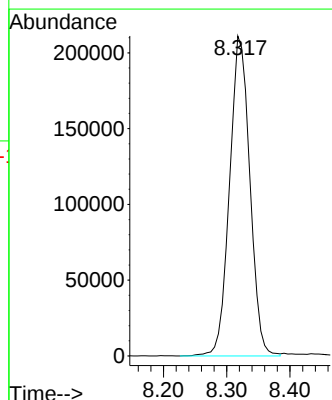
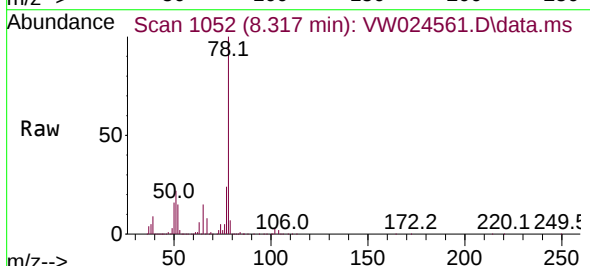
RT: 8.317 min Scan# 1052

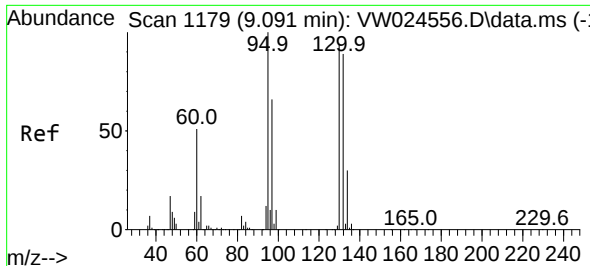
Delta R.T. -0.006 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

Tgt Ion: 78 Resp: 471017





#34

Trichloroethene

Concen: 24.962 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

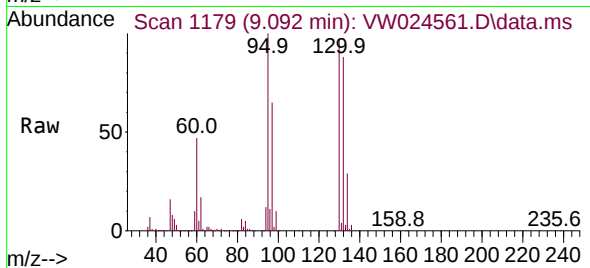
Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 119910

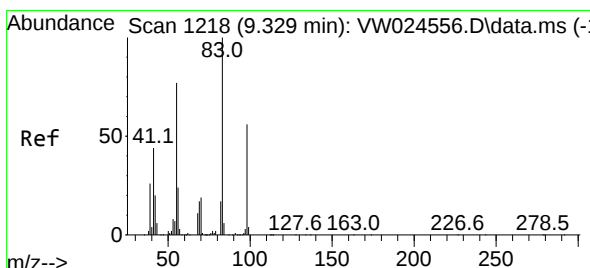
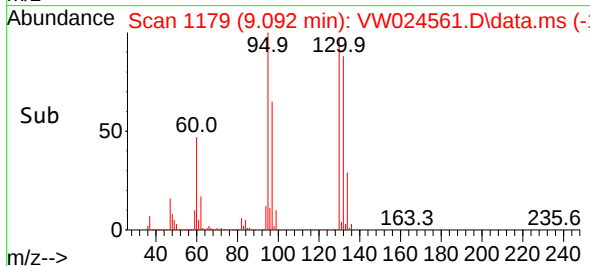
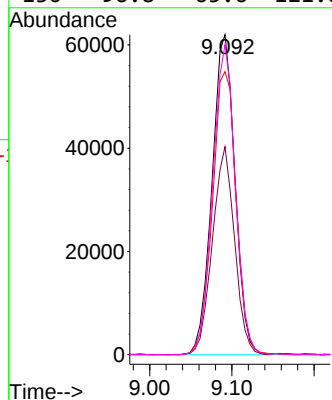
Ion Ratio Lower Upper

95 100

97 65.0 45.9 85.3

132 88.5 62.6 116.2

130 96.8 65.6 121.8



#35

Methylcyclohexane

Concen: 24.375 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

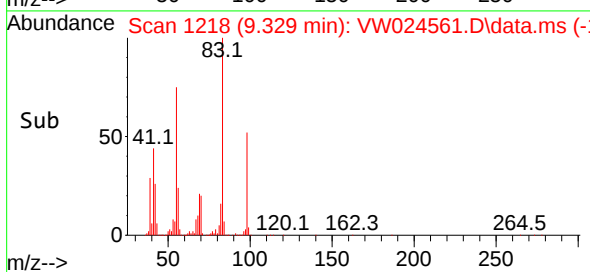
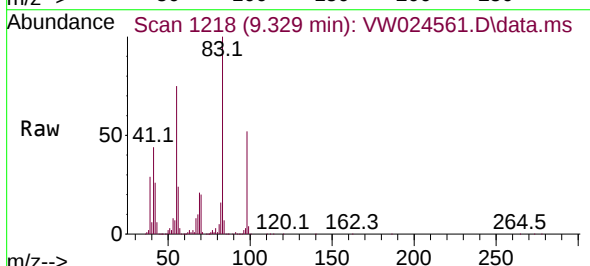
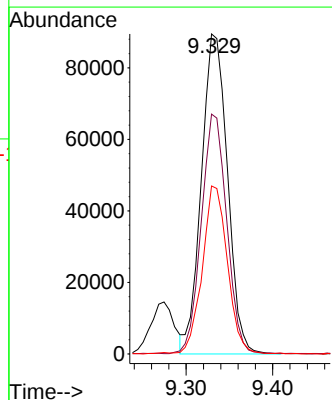
Tgt Ion: 83 Resp: 187328

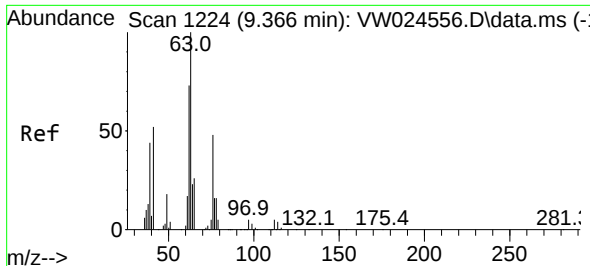
Ion Ratio Lower Upper

83 100

55 73.0 57.3 85.9

98 50.4 40.4 60.6





#37

1,2-Dichloropropane

Concen: 25.917 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

Instrument :

MSVOA_W

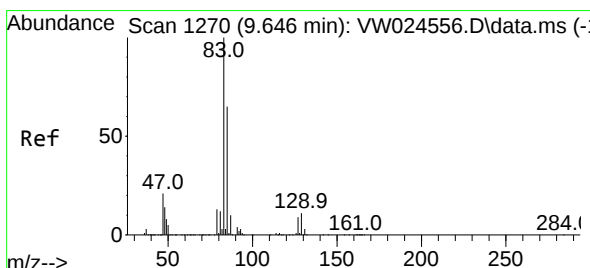
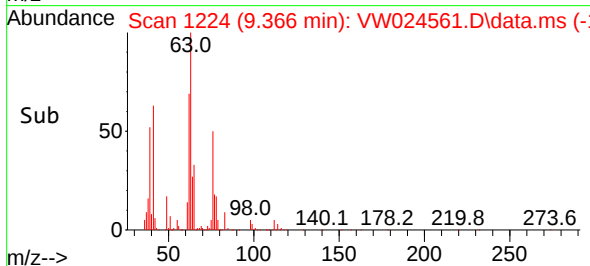
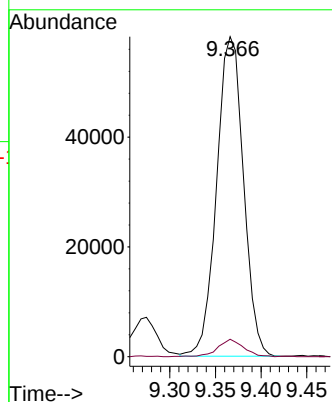
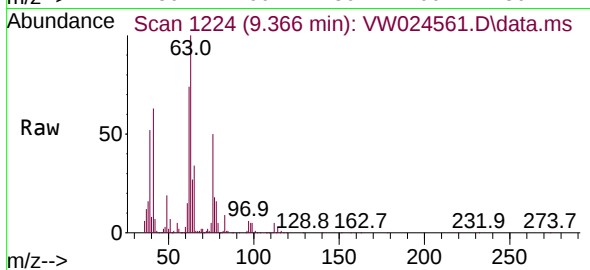
ClientSampleId :

Tgt Ion: 63 Resp: 119052

Ion Ratio Lower Upper

63 100

112 5.2 3.9 5.9



#38

Bromodichloromethane

Concen: 26.246 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

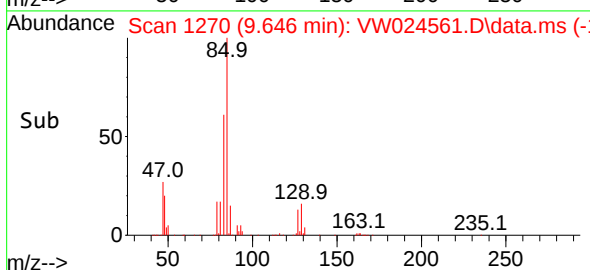
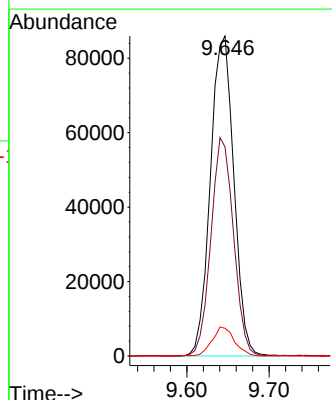
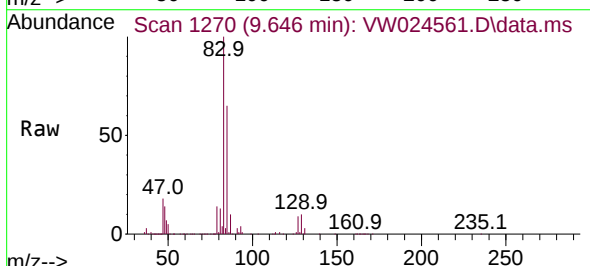
Tgt Ion: 83 Resp: 170396

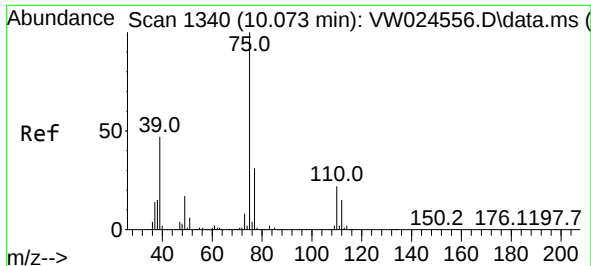
Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.9

127 8.7 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 26.490 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

Instrument :

MSVOA_W

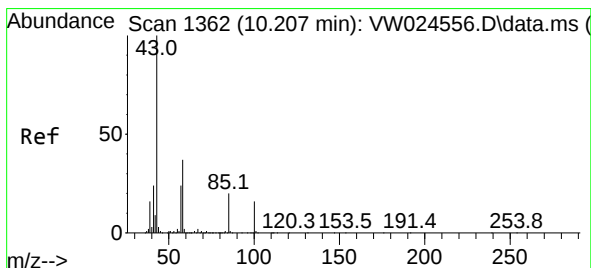
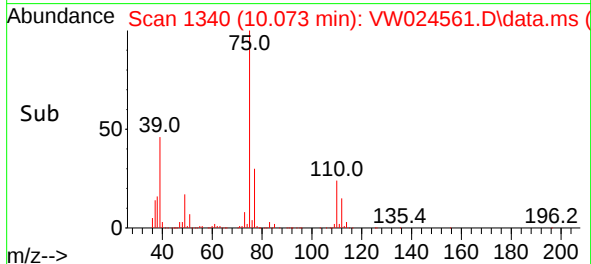
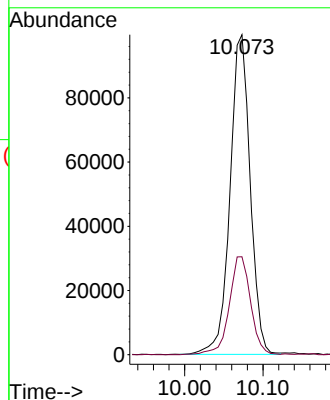
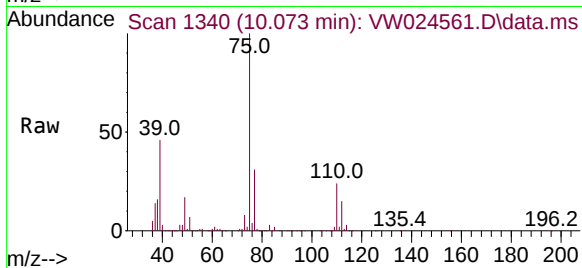
ClientSampleId :

Tgt Ion: 75 Resp: 177913

Ion Ratio Lower Upper

75 100

77 30.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 57.511 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

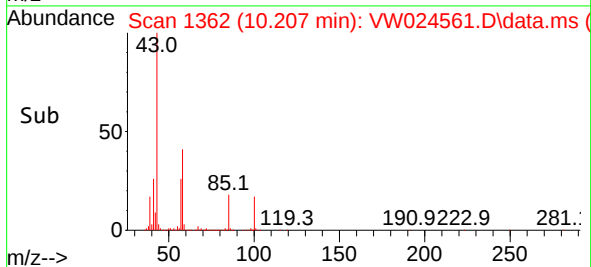
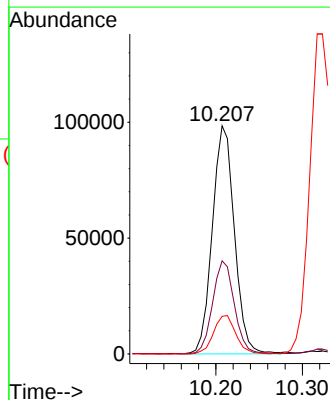
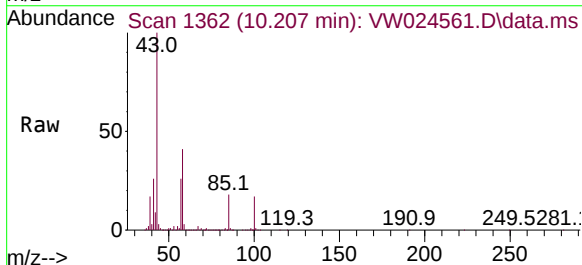
Tgt Ion: 43 Resp: 174268

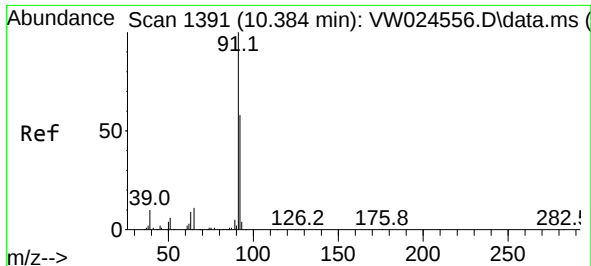
Ion Ratio Lower Upper

43 100

58 40.2 30.9 46.3

100 17.1 13.3 19.9

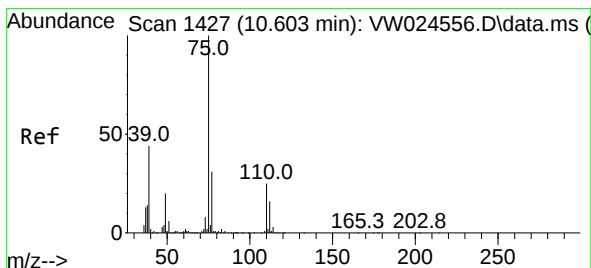
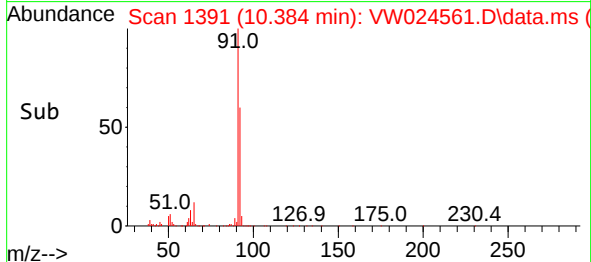
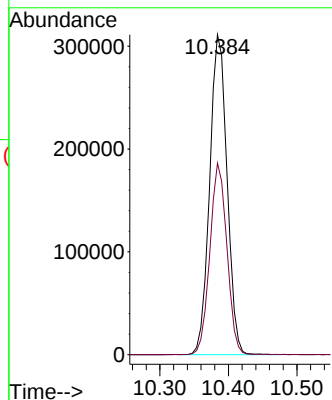
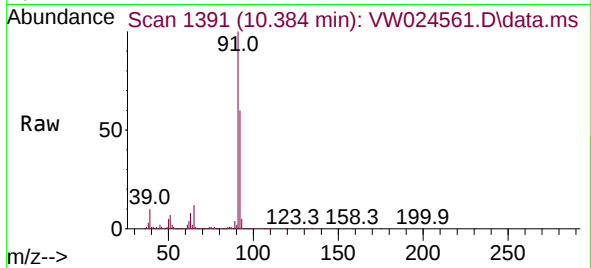




#42
Toluene
Concen: 27.045 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

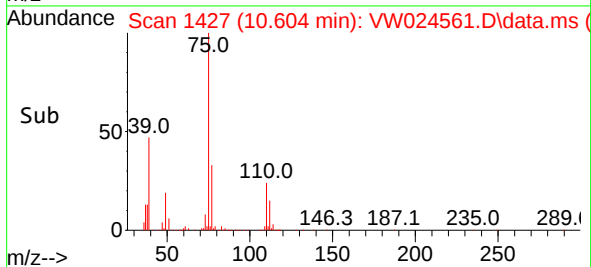
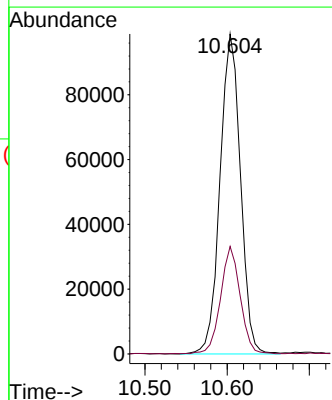
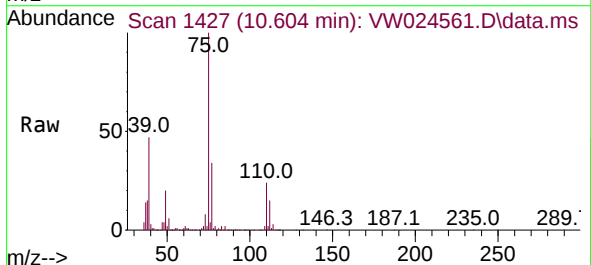
Instrument :
MSVOA_W
ClientSampleId :

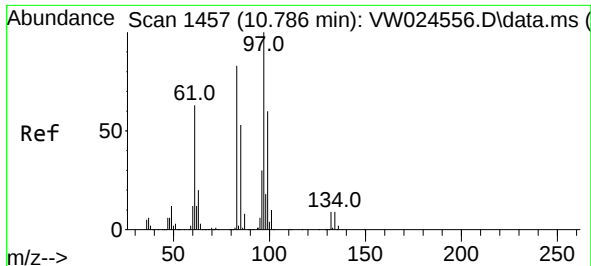
Tgt Ion: 91 Resp: 548385
Ion Ratio Lower Upper
91 100
92 59.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 26.919 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

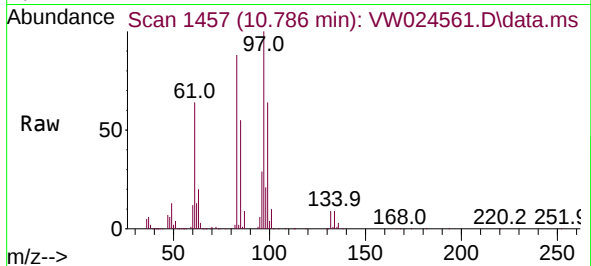
Tgt Ion: 75 Resp: 170774
Ion Ratio Lower Upper
75 100
77 33.6 21.8 40.4



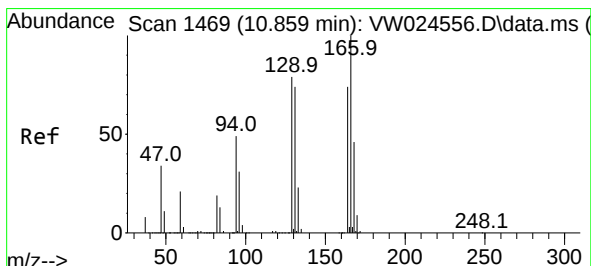
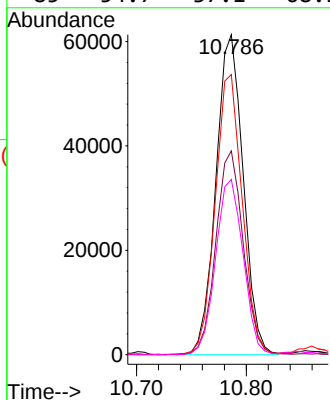
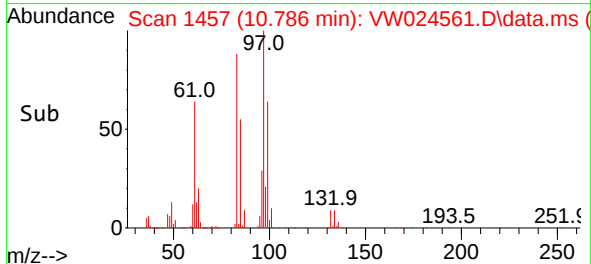


#45
1,1,2-Trichloroethane
Concen: 27.621 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

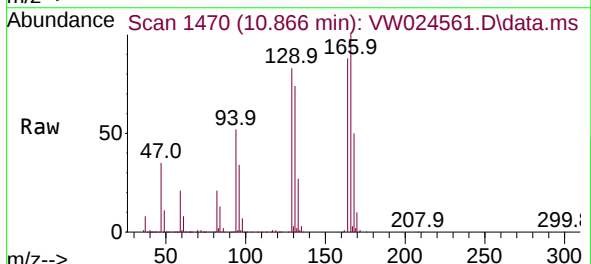
Instrument :
MSVOA_W
ClientSampleId :



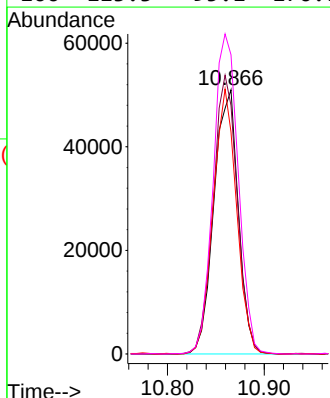
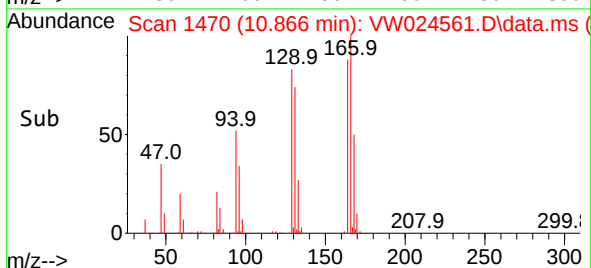
Tgt Ion:	97	Resp:	106039
Ion	Ratio	Lower	Upper
97	100		
99	63.7	41.9	77.9
83	87.5	58.2	108.0
85	54.7	37.1	68.9

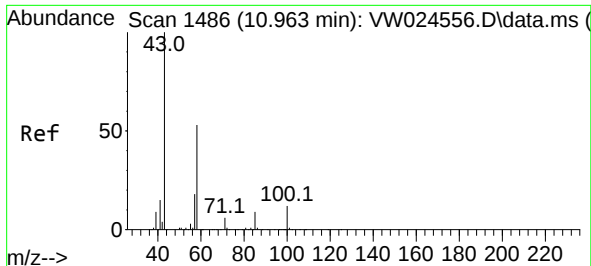


#46
Tetrachloroethene
Concen: 25.140 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40



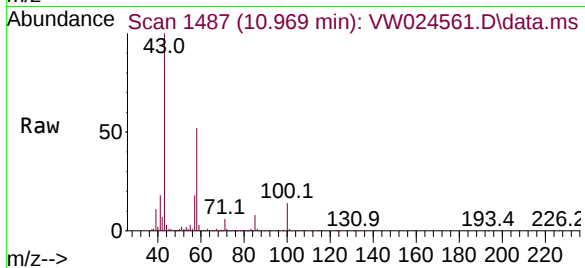
Tgt Ion:	164	Resp:	88981
Ion	Ratio	Lower	Upper
164	100		
129	94.1	75.0	139.2
131	84.0	70.1	130.1
166	113.3	95.1	176.7



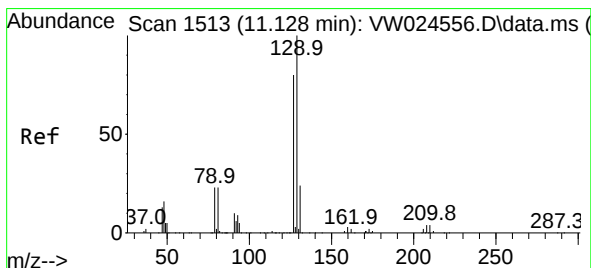
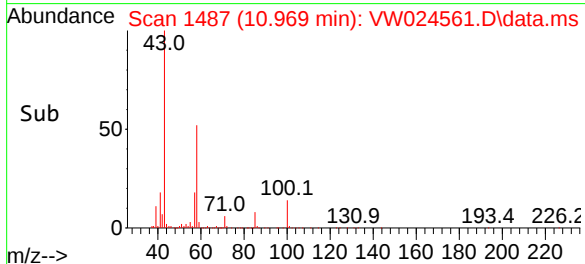
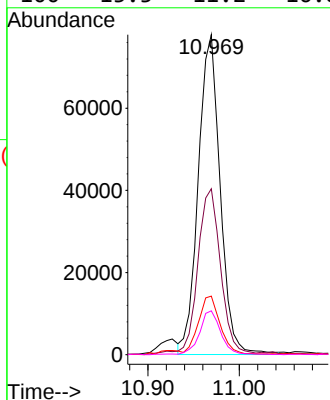


#48
2-Hexanone
Concen: 62.398 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

Instrument :
MSVOA_W
ClientSampleId :

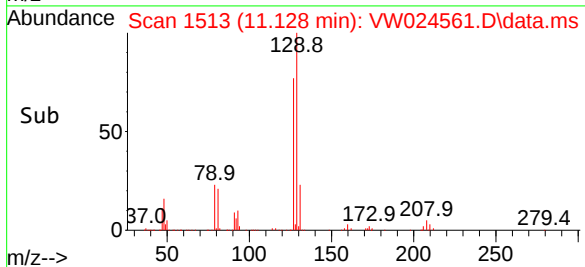
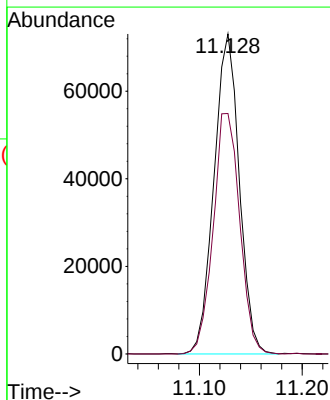
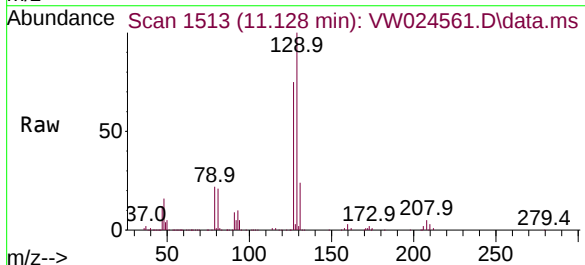


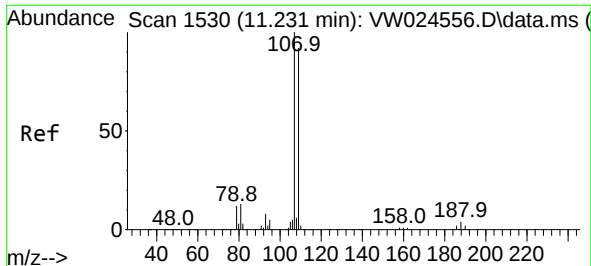
Tgt Ion: 43 Resp: 129663
Ion Ratio Lower Upper
43 100
58 53.4 43.7 65.5
57 18.3 15.3 22.9
100 13.3 11.2 16.8



#49
Dibromochloromethane
Concen: 27.837 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

Tgt Ion: 129 Resp: 124932
Ion Ratio Lower Upper
129 100
127 75.2 56.1 104.1





#50

1,2-Dibromoethane

Concen: 27.714 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

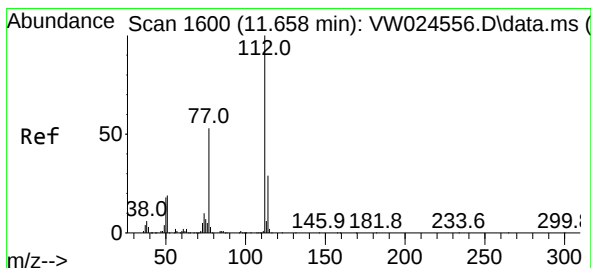
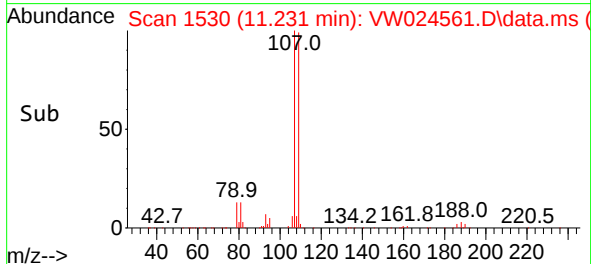
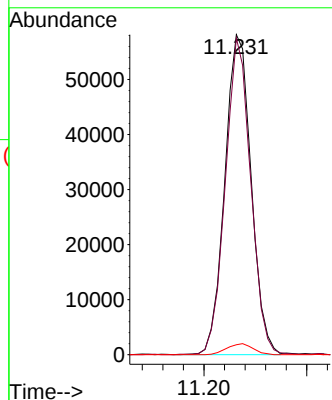
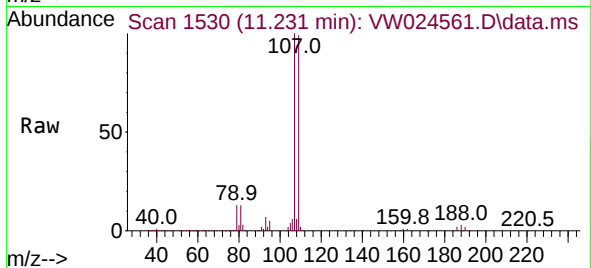
Tgt Ion:107 Resp: 103262

Ion Ratio Lower Upper

107 100

109 99.0 64.5 119.9

188 3.1 3.0 4.4



#51

Chlorobenzene

Concen: 26.471 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

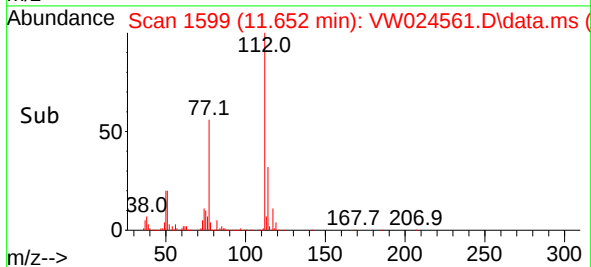
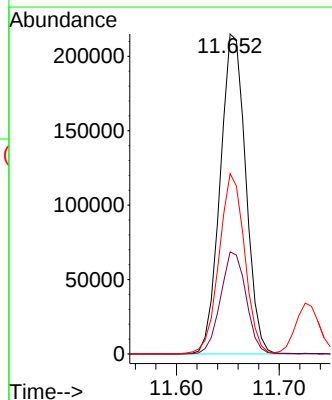
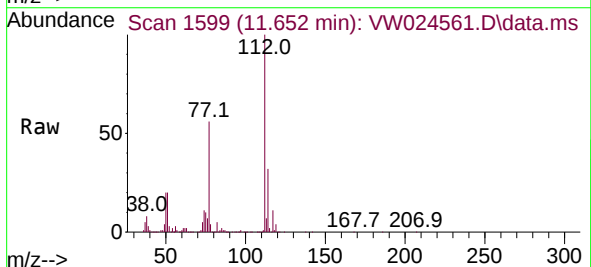
Tgt Ion:112 Resp: 370818

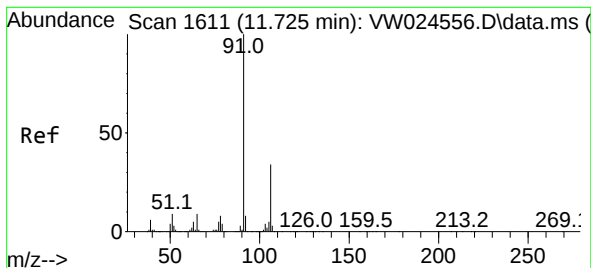
Ion Ratio Lower Upper

112 100

114 31.9 20.0 37.2

77 56.4 42.6 63.8

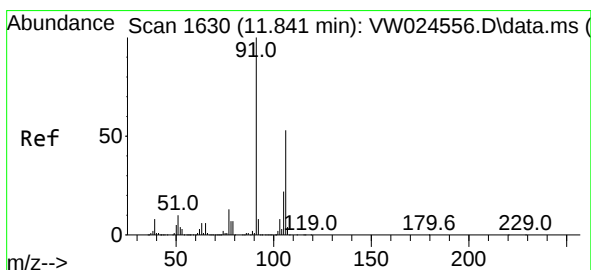
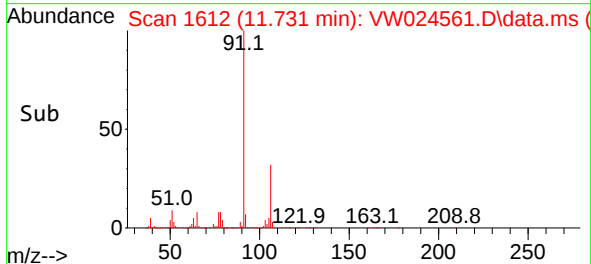
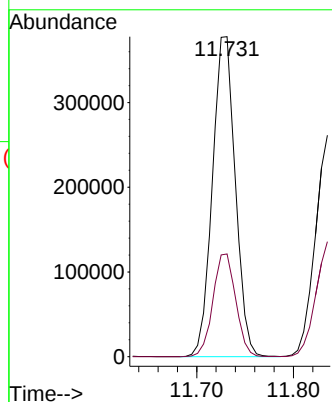
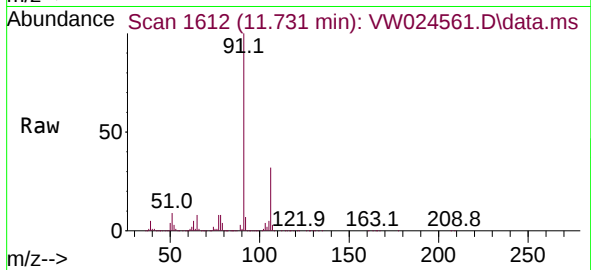




#52
Ethylbenzene
Concen: 27.013 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

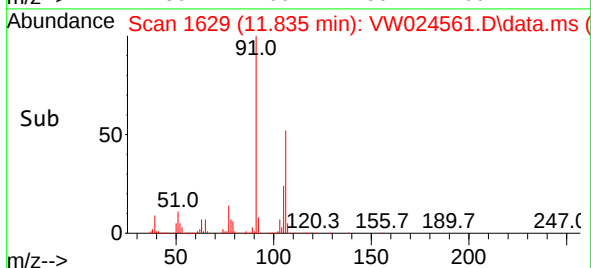
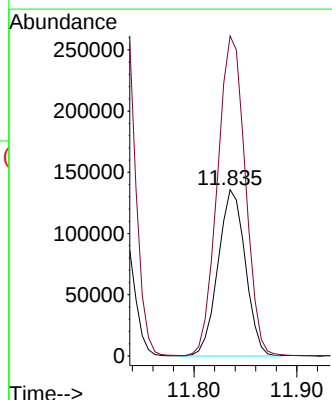
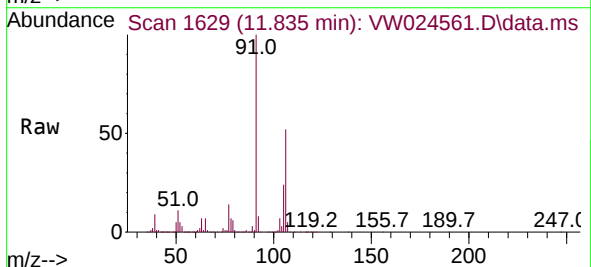
Instrument :
MSVOA_W
ClientSampleId :

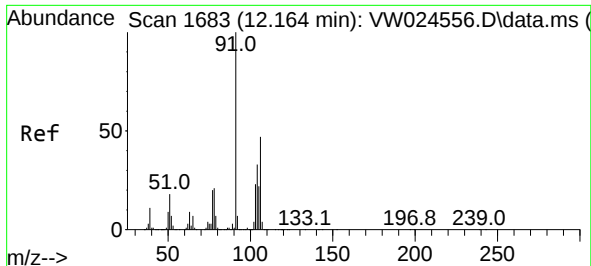
Tgt Ion: 91 Resp: 621880
Ion Ratio Lower Upper
91 100
106 32.1 23.8 44.2



#53
m,p-Xylene
Concen: 27.833 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

Tgt Ion: 106 Resp: 250346
Ion Ratio Lower Upper
106 100
91 192.5 131.3 243.8

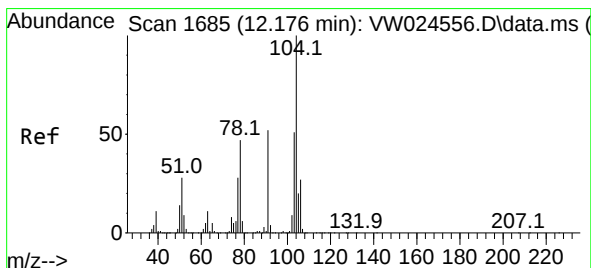
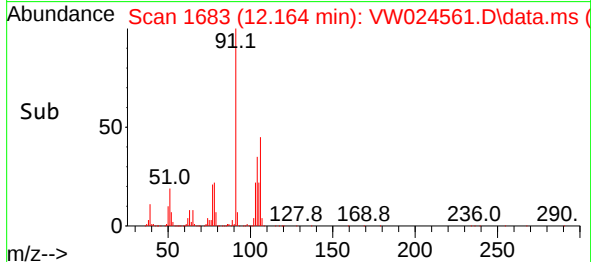
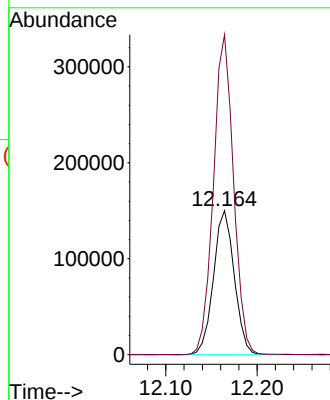
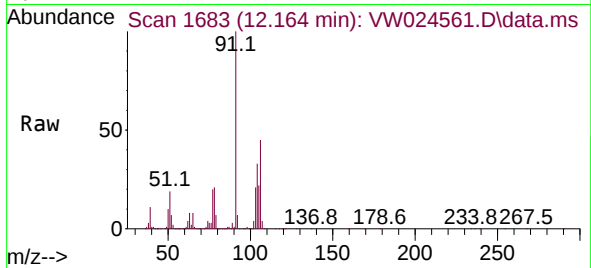




#54
o-Xylene
Concen: 27.746 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

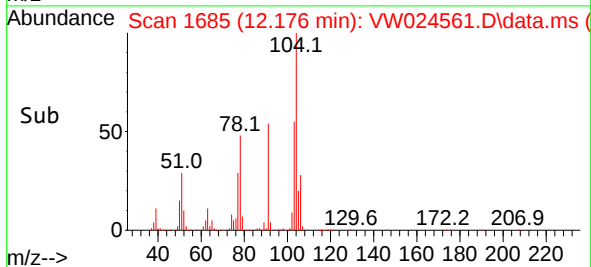
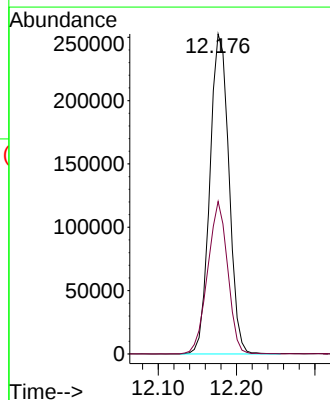
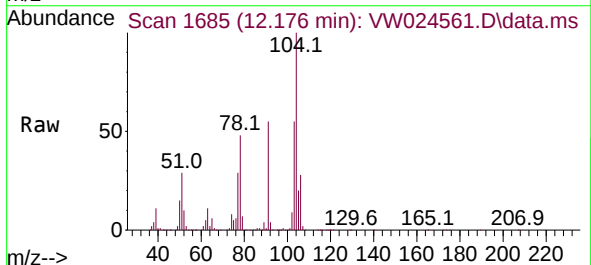
Instrument :
MSVOA_W
ClientSampleId :

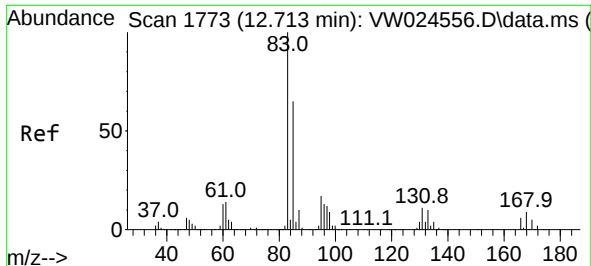
Tgt Ion:106 Resp: 237602
Ion Ratio Lower Upper
106 100
91 222.2 148.7 276.3



#55
Styrene
Concen: 28.333 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

Tgt Ion:104 Resp: 427078
Ion Ratio Lower Upper
104 100
78 47.7 33.0 61.4





#57

1,1,2-Tetrachloroethane

Concen: 29.734 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

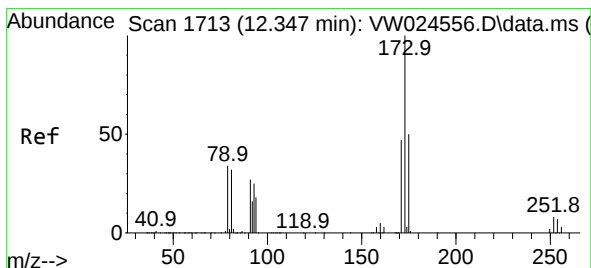
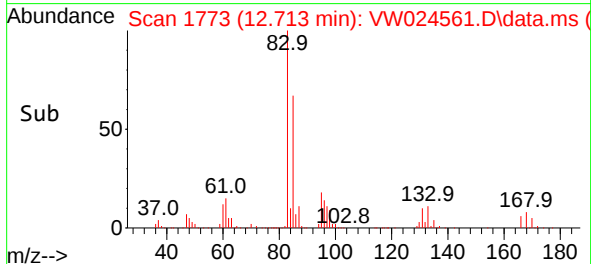
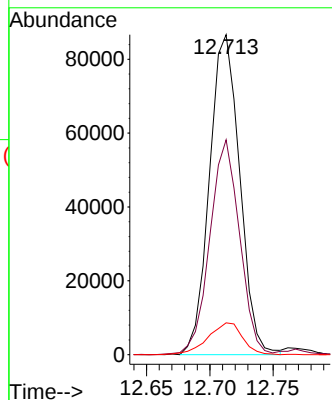
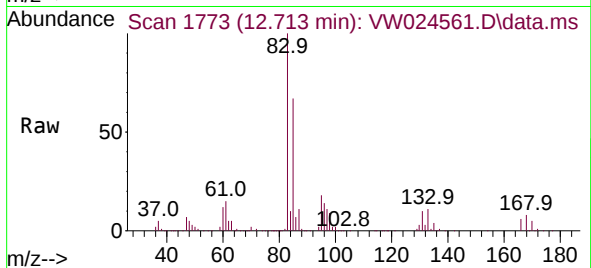
Tgt Ion: 83 Resp: 144514

Ion Ratio Lower Upper

83 100

85 67.2 45.6 84.8

131 10.0 9.0 13.4



#59

Bromoform

Concen: 28.776 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

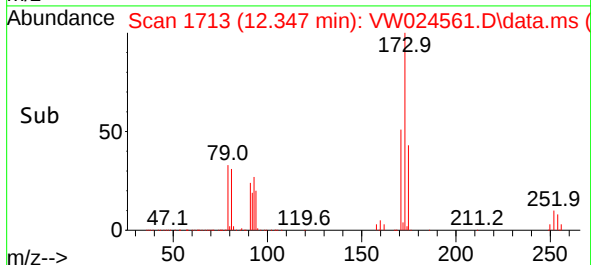
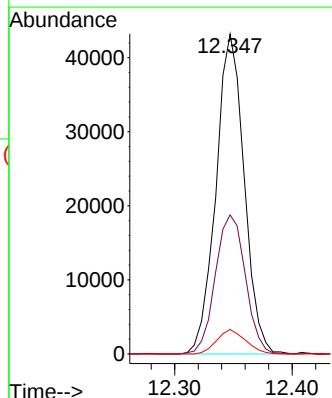
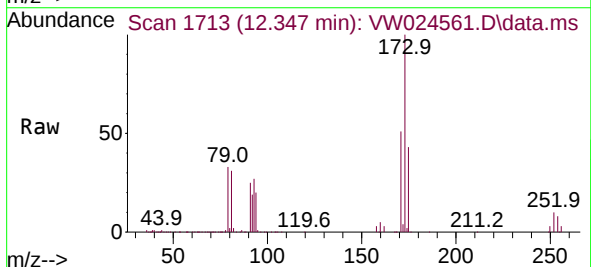
Tgt Ion:173 Resp: 72087

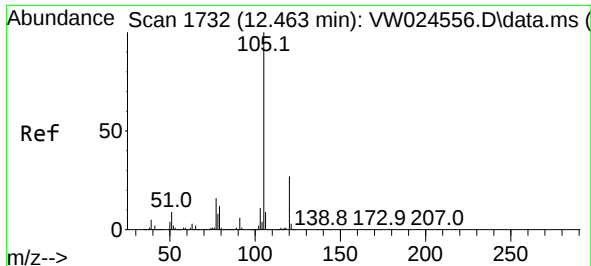
Ion Ratio Lower Upper

173 100

175 46.1 40.5 60.7

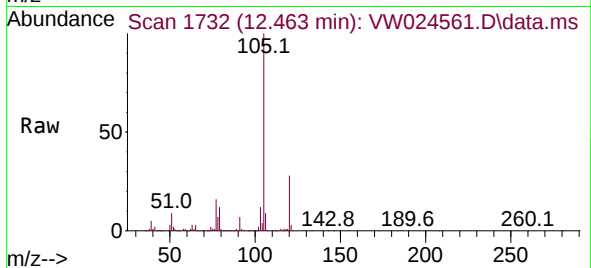
254 7.8 6.4 9.6



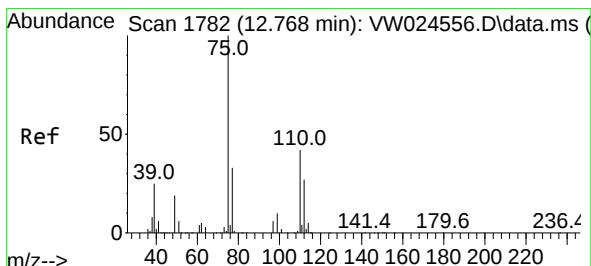
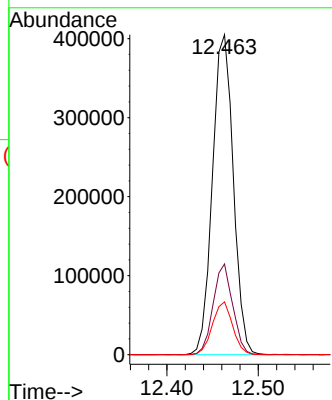
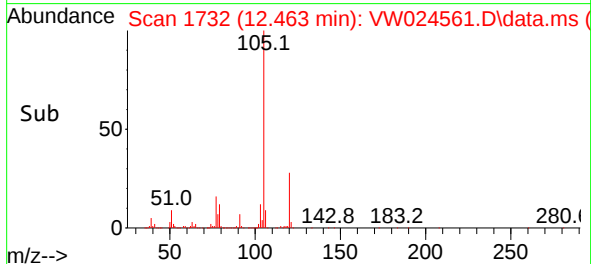


#60
Isopropylbenzene
Concen: 27.478 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40

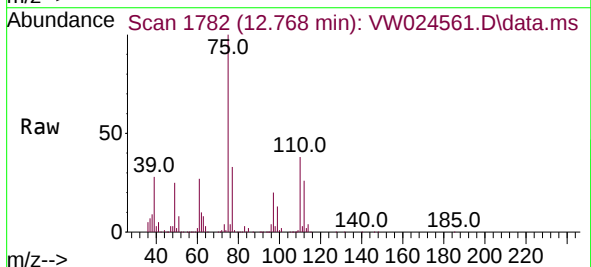
Instrument :
MSVOA_W
ClientSampleId :



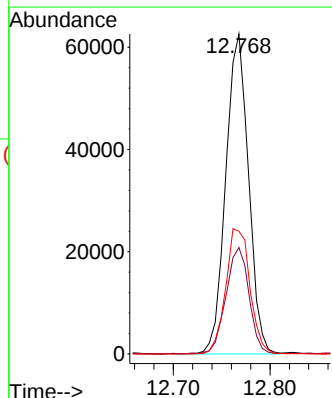
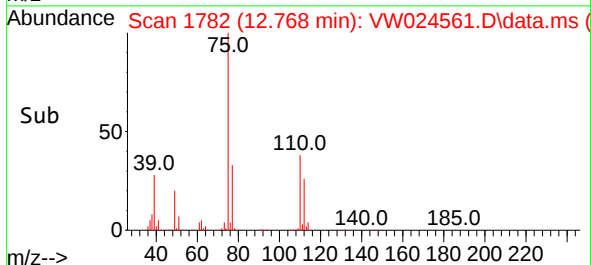
Tgt Ion:105 Resp: 641179
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 16.1 12.6 19.0

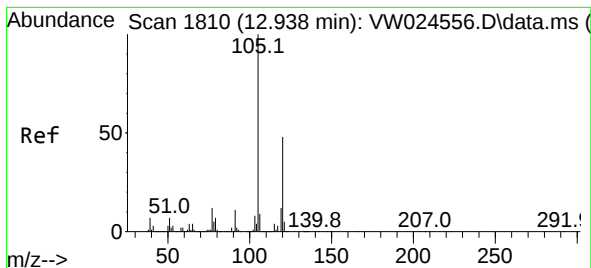


#61
1,2,3-Trichloropropane
Concen: 28.684 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024561.D
Acq: 06 Sep 2022 18:40



Tgt Ion: 75 Resp: 102275
Ion Ratio Lower Upper
75 100
77 33.6 26.8 40.2
110 41.8 33.8 50.8

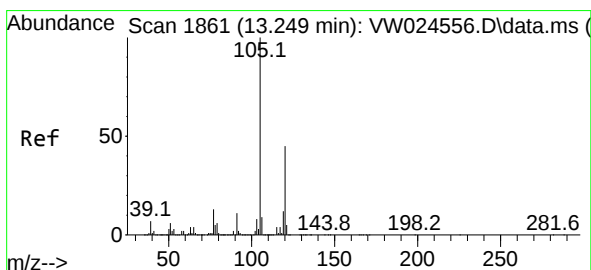
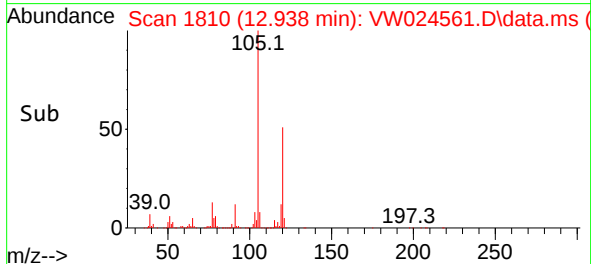
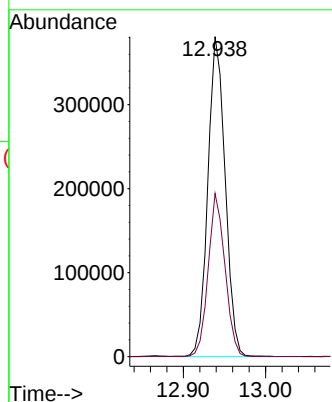
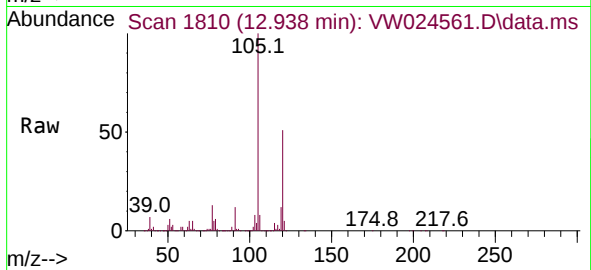




#62
 1,3,5-Trimethylbenzene
 Concen: 28.814 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024561.D
 Acq: 06 Sep 2022 18:40

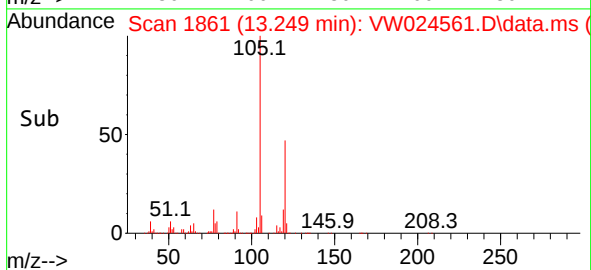
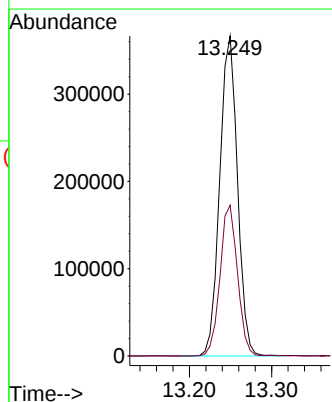
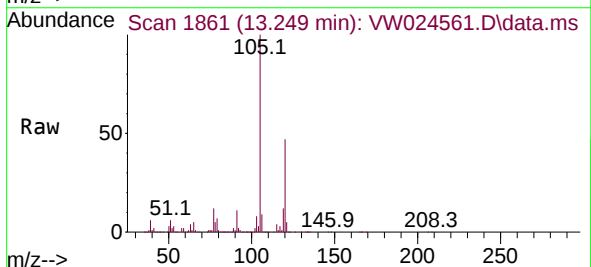
Instrument :
 MSVOA_W
 ClientSampleId :

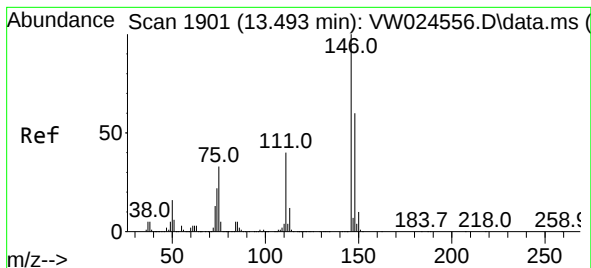
Tgt Ion:105 Resp: 558333
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 28.501 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW024561.D
 Acq: 06 Sep 2022 18:40

Tgt Ion:105 Resp: 549657
 Ion Ratio Lower Upper
 105 100
 120 46.2 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 27.896 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

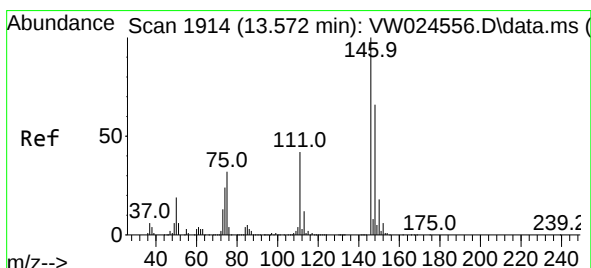
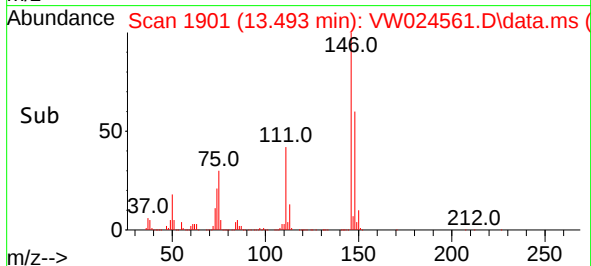
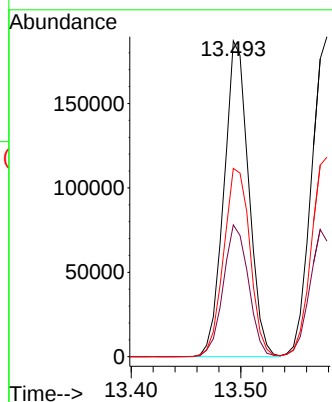
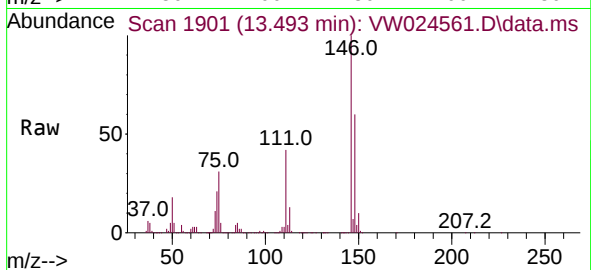
Tgt Ion:146 Resp: 293300

Ion Ratio Lower Upper

146 100

111 41.7 28.3 52.5

148 59.6 42.2 78.4



#65

1,4-Dichlorobenzene

Concen: 27.107 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

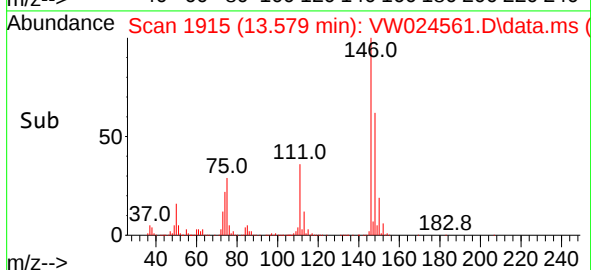
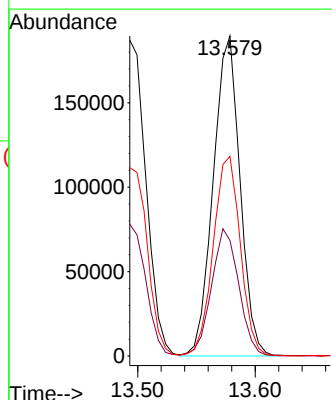
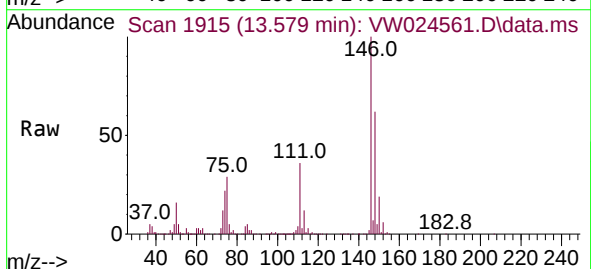
Tgt Ion:146 Resp: 300406

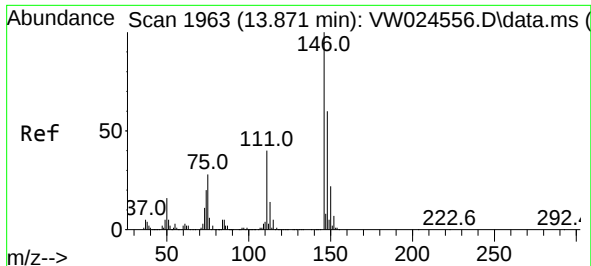
Ion Ratio Lower Upper

146 100

111 36.1 29.3 54.3

148 62.4 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 28.274 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

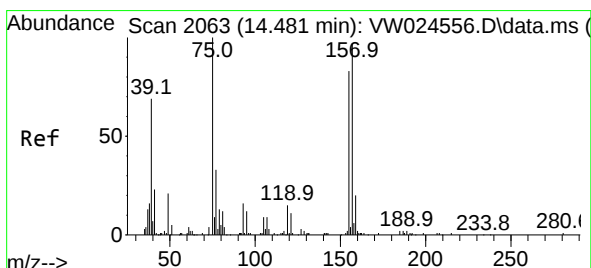
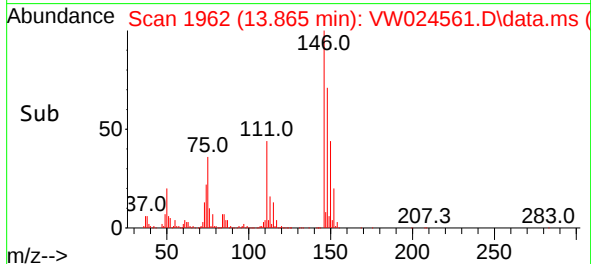
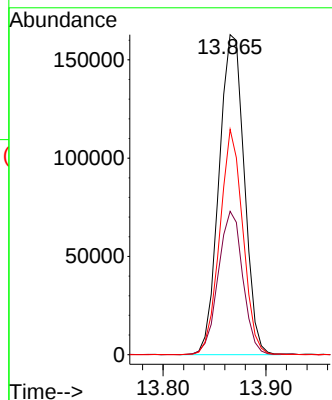
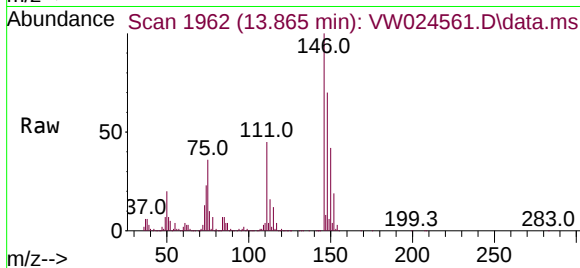
Tgt Ion:146 Resp: 277224

Ion Ratio Lower Upper

146 100

111 44.8 32.2 48.4

148 70.4 48.3 72.5



#68

1,2-Dibromo-3-chloropropane

Concen: 27.189 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

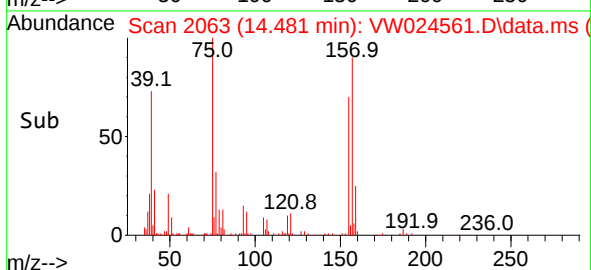
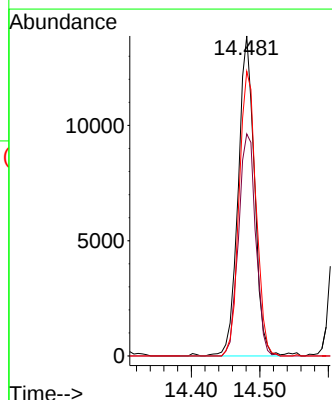
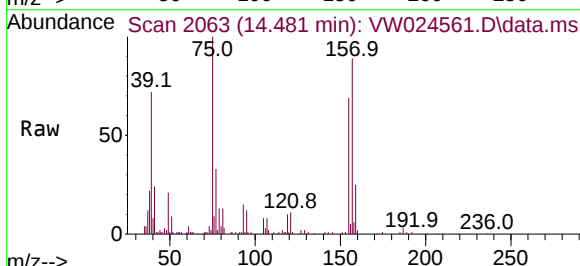
Tgt Ion: 75 Resp: 22938

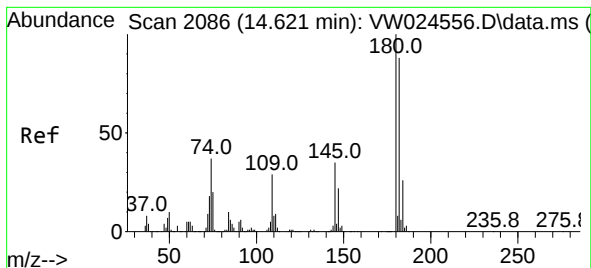
Ion Ratio Lower Upper

75 100

155 69.4 66.3 99.5

157 88.9 77.6 116.4





#69

1,3,5-Trichlorobenzene

Concen: 25.860 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

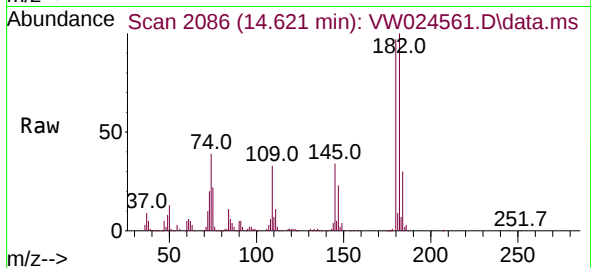
Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 176599

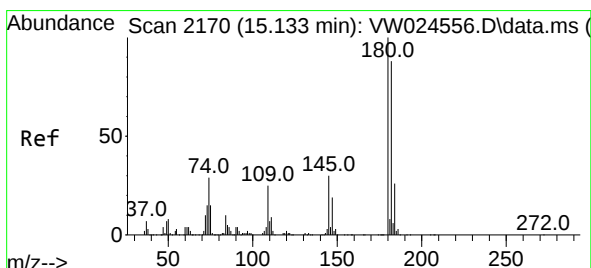
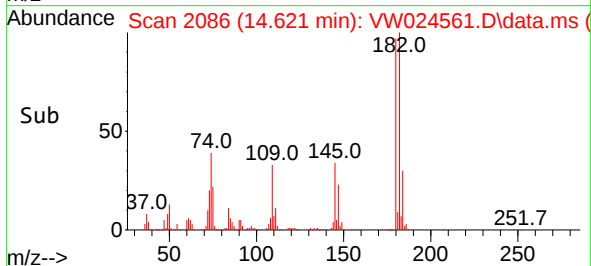
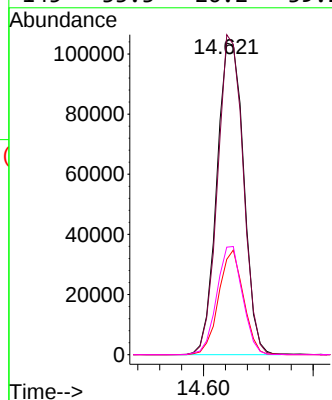
Ion Ratio Lower Upper

180 100

182 97.9 72.4 108.6

184 30.9 22.8 34.2

145 33.3 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 27.471 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

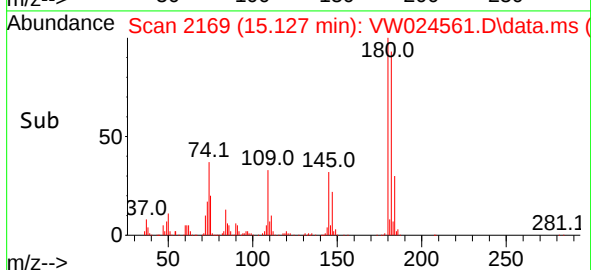
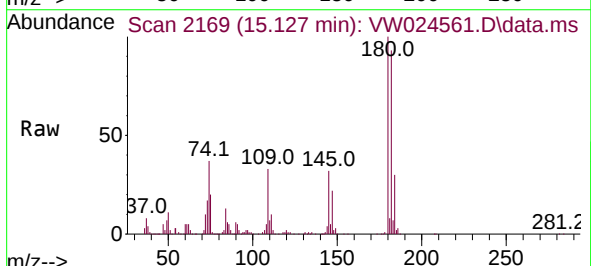
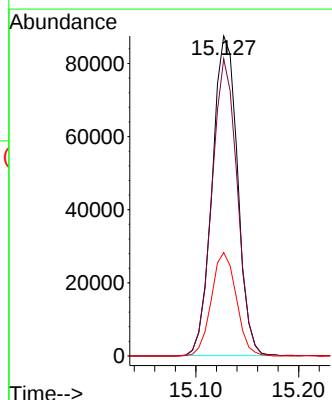
Tgt Ion:180 Resp: 148866

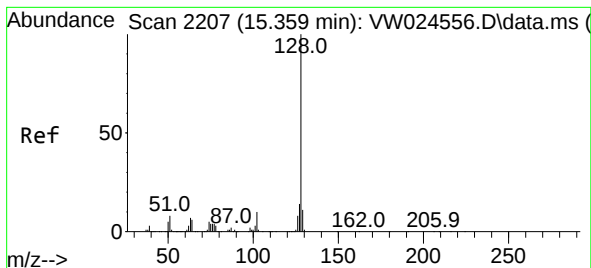
Ion Ratio Lower Upper

180 100

182 93.2 73.8 110.6

145 32.0 26.6 39.8





#71

Naphthalene

Concen: 29.637 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

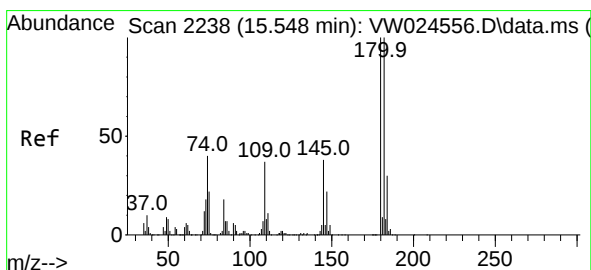
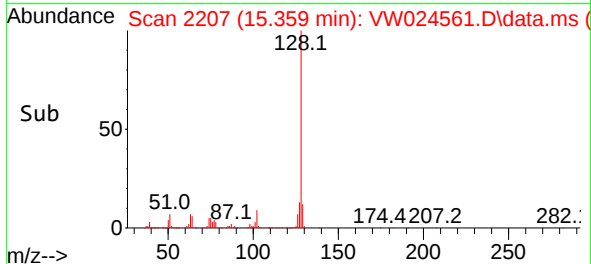
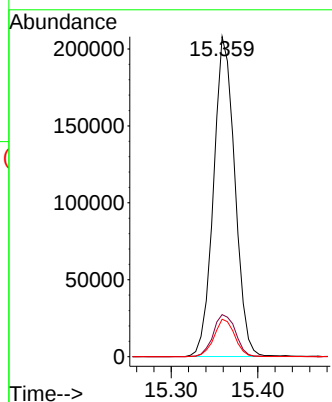
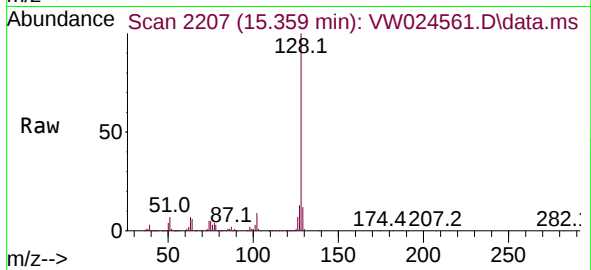
Tgt Ion:128 Resp: 355311

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.4 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 27.674 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024561.D

Acq: 06 Sep 2022 18:40

Tgt Ion:180 Resp: 139515

Ion Ratio Lower Upper

180 100

182 96.5 78.7 118.1

145 34.9 28.1 42.1

