

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024532.D
 Acq On : 02 Sep 2022 14:41
 Operator : SY/VA
 Sample : N4483-05MSD
 Misc : 3.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW353MSD

Quant Time: Sep 03 00:04:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:58:31 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	406132	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.628	117	368139	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	160013	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.343	65	207859	25.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.560%	
7) Chloroethane-d5		2.873	69	151519	25.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.440%	
11) 1,1-Dichloroethene-d2		4.007	63	215680	22.597	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.400%	
21) 2-Butanone-d5		7.080	46	52198	40.836	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.680%	
24) Chloroform-d		7.647	84	245176	22.671	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.680%	
26) 1,2-Dichloroethane-d4		8.305	65	132717	22.724	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.880%	
32) Benzene-d6		8.275	84	478294	24.906	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.640%	
36) 1,2-Dichloropropane-d6		9.275	67	136239	24.246	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.000%	
41) Toluene-d8		10.323	98	449083	24.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.240%	
43) trans-1,3-Dichloroprop...		10.579	79	54103	22.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.280%	
47) 2-Hexanone-d5		10.921	63	39531	41.071	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.140%	
56) 1,1,2,2-Tetrachloroeth...		12.689	84	116780	22.860	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.440%	
66) 1,2-Dichlorobenzene-d4		13.853	152	115066	21.982	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.920%	
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		2.001	85	32765	28.273	ug/L	97
3) Chloromethane		2.215	50	115836	20.484	ug/L	96
5) Vinyl chloride		2.355	62	207706	20.692	ug/L	100
6) Bromomethane		2.764	94	111234	16.338	ug/L	96
8) Chloroethane		2.910	64	106868	20.132	ug/L	99
9) Trichlorofluoromethane		3.245	101	107664	28.407	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		4.050	101	105821	18.635	ug/L	97
12) 1,1-Dichloroethene		4.032	96	96329	19.205	ug/L	91
13) Acetone		4.117	43	37587	37.784	ug/L	99
14) Carbon disulfide		4.373	76	246379	17.869	ug/L	100
15) Methyl Acetate		4.666	43	35278	14.582	ug/L	99
16) Methylene chloride		4.909	84	114315	19.884	ug/L	98
17) trans-1,2-Dichloroethene		5.415	96	107966	19.409	ug/L	96
18) Methyl tert-butyl Ether		5.422	73	205309	21.292	ug/L	99
19) 1,1-Dichloroethane		6.208	63	202104	20.063	ug/L	96
20) cis-1,2-Dichloroethene		7.165	96	122057	20.203	ug/L	99
22) 2-Butanone		7.165	43	64863	39.879	ug/L	99
23) Bromochloromethane		7.513	128	56198	20.004	ug/L	88
25) Chloroform		7.671	83	220763	19.961	ug/L	100

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 Response via : Initial Calibration

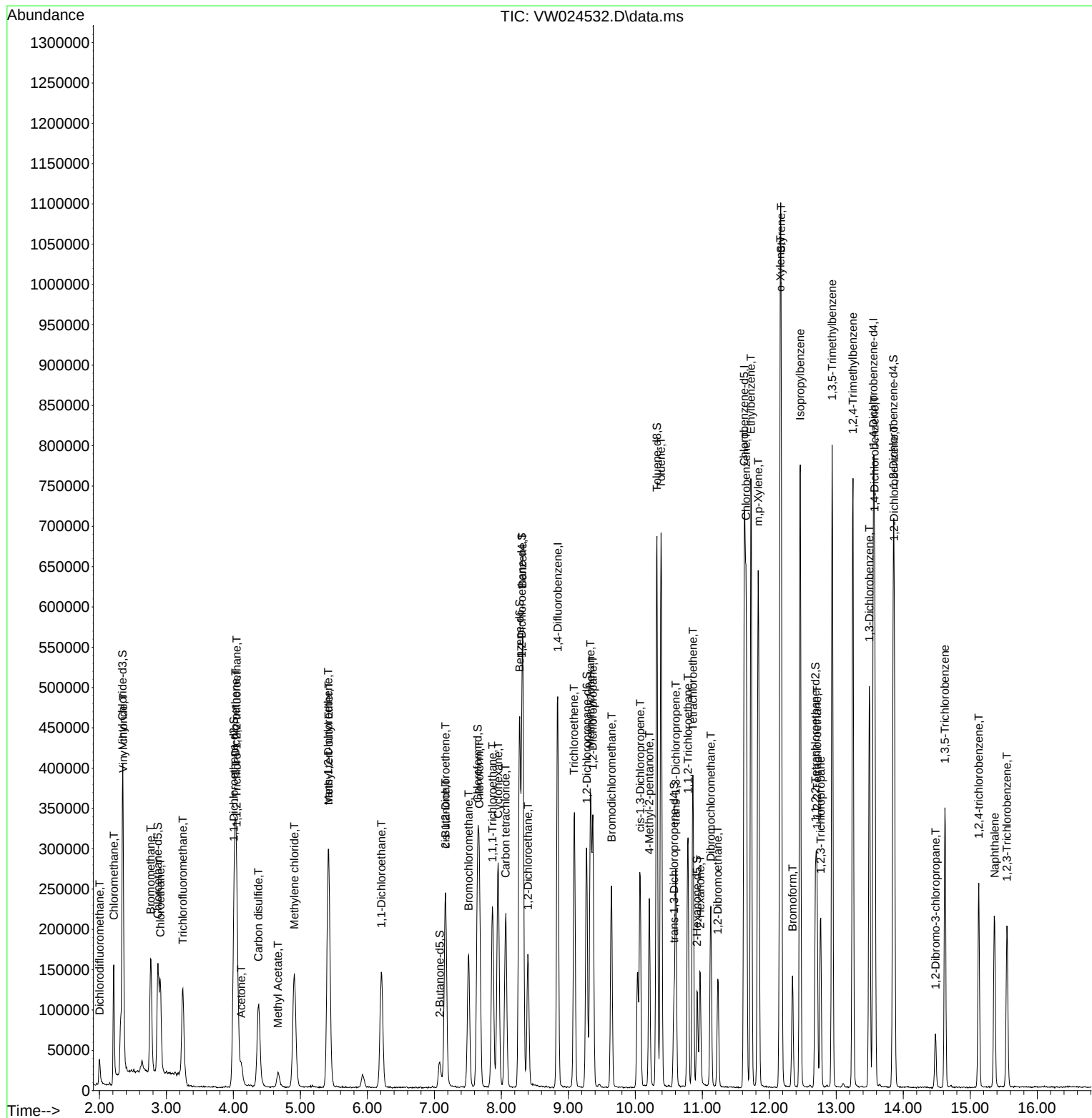
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	146634	20.184	ug/L	98
29) Cyclohexane	7.952	56	145850	19.081	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	174975	21.012	ug/L	99
31) Carbon tetrachloride	8.061	117	154758	20.496	ug/L	98
33) Benzene	8.317	78	465645	21.271	ug/L	100
34) Trichloroethene	9.086	95	117829	20.278	ug/L	97
35) Methylcyclohexane	9.329	83	148669	16.168	ug/L	99
37) 1,2-Dichloropropane	9.366	63	113238	21.466	ug/L	99
38) Bromodichloromethane	9.646	83	161096	21.604	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	151364	19.059	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	142475	43.429	ug/L	99
42) Toluene	10.384	91	503863	21.137	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	138320	19.416	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	95009	21.572	ug/L	98
46) Tetrachloroethene	10.860	164	80456	18.947	ug/L	87
48) 2-Hexanone	10.969	43	90917	41.654	ug/L	99
49) Dibromochloromethane	11.128	129	112979	21.831	ug/L	97
50) 1,2-Dibromoethane	11.232	107	87254	20.918	ug/L	97
51) Chlorobenzene	11.652	112	318115	19.664	ug/L	98
52) Ethylbenzene	11.725	91	527511	19.768	ug/L	95
53) m,p-Xylene	11.835	106	205911	19.732	ug/L	96
54) o-Xylene	12.164	106	199091	19.929	ug/L	93
55) Styrene	12.176	104	333527	19.220	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	115472	21.185	ug/L	96
59) Bromoform	12.347	173	56807	24.453	ug/L	100
60) Isopropylbenzene	12.463	105	511782	22.625	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	85757	26.548	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	410516	22.000	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	394774	21.616	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	201451	19.993	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	211974	20.535	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	181908	19.555	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	17117	23.411	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	99135	15.304	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	67032	13.533	ug/L	98
71) Naphthalene	15.365	128	181459	17.328	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	60030	13.438	ug/L	97

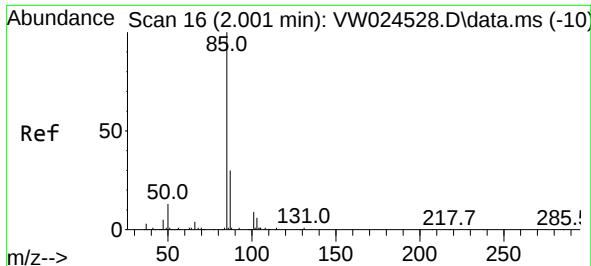
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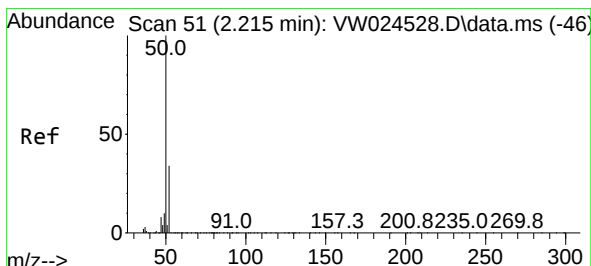
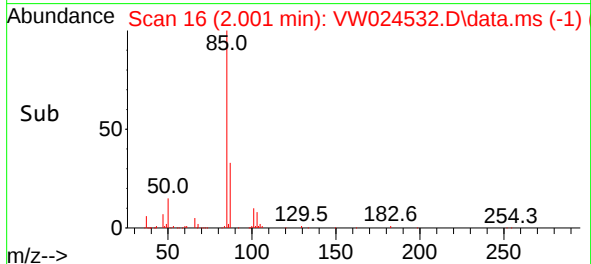
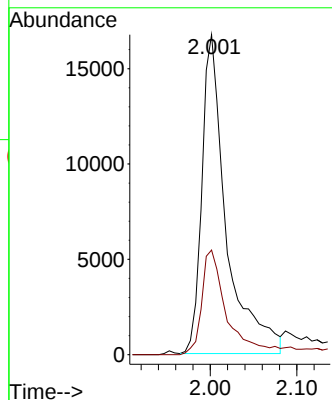
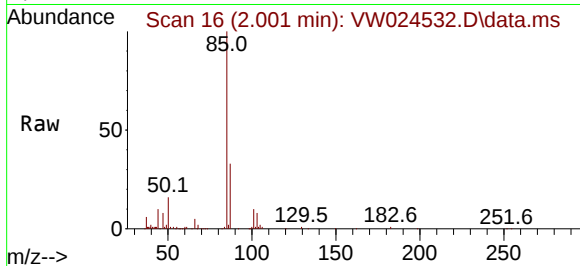




#2
Dichlorodifluoromethane
Concen: 28.273 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

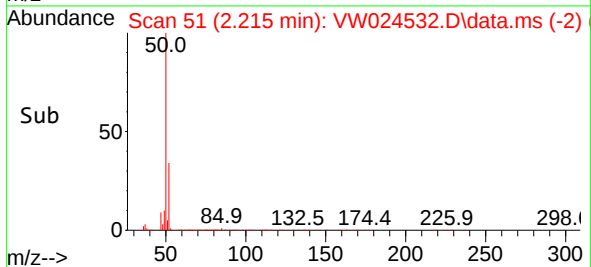
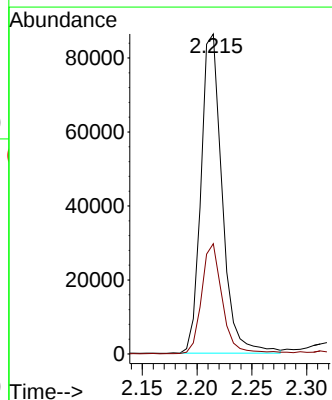
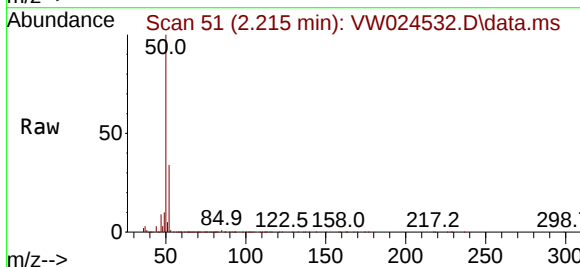
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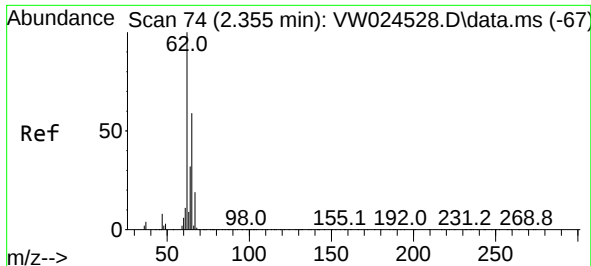
Tgt Ion: 85 Resp: 32765
Ion Ratio Lower Upper
85 100
87 32.7 25.0 37.6



#3
Chloromethane
Concen: 20.484 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion: 50 Resp: 115836
Ion Ratio Lower Upper
50 100
52 34.4 22.7 42.1

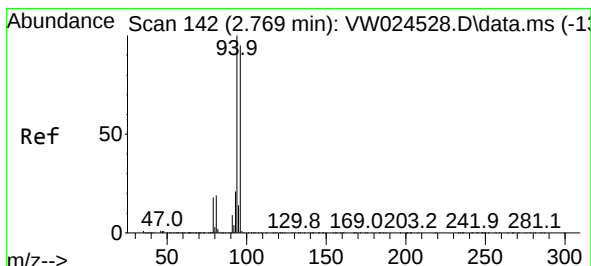
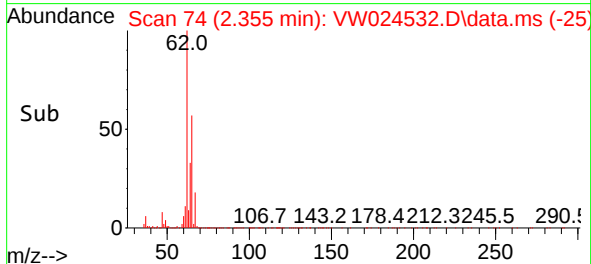
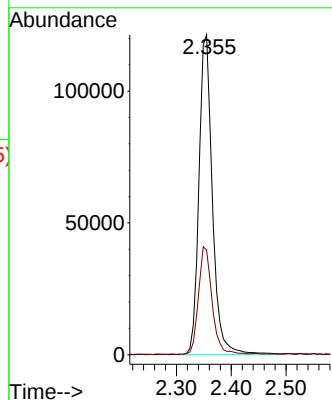
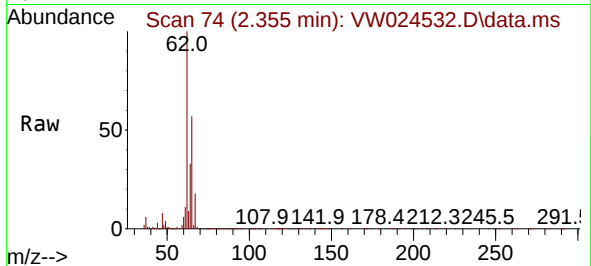




#5
 Vinyl chloride
 Concen: 20.692 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW024532.D
 Acq: 02 Sep 2022 14:41

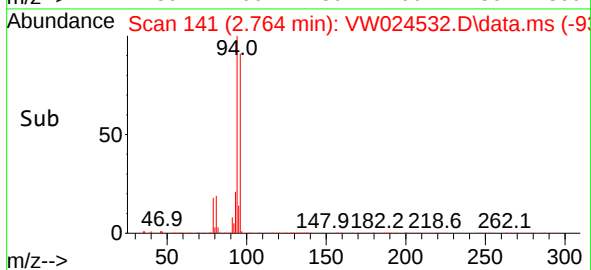
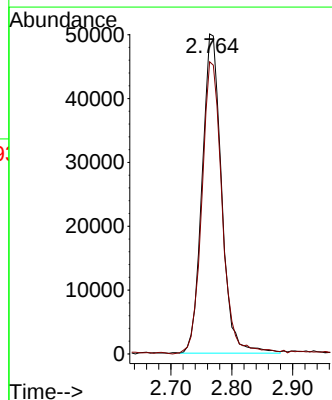
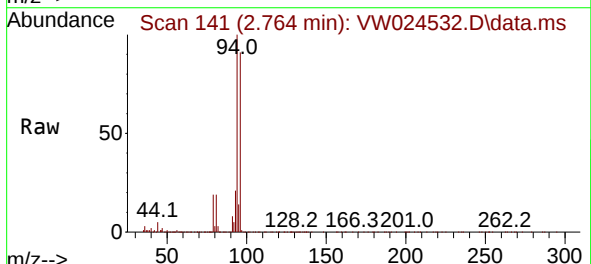
Instrument :
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 ClientSampleId :
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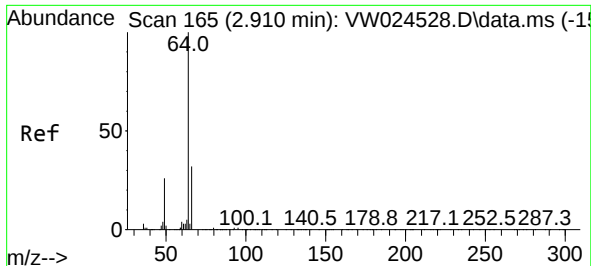
Tgt Ion: 62 Resp: 207706
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 16.338 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW024532.D
 Acq: 02 Sep 2022 14:41

Tgt Ion: 94 Resp: 111234
 Ion Ratio Lower Upper
 94 100
 96 91.3 66.8 124.2

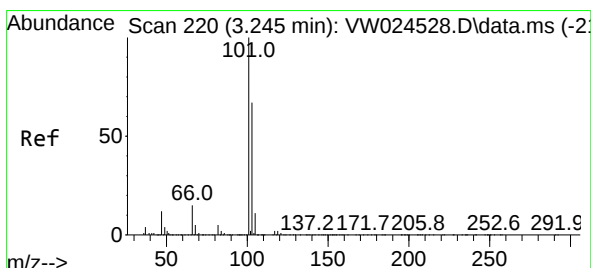
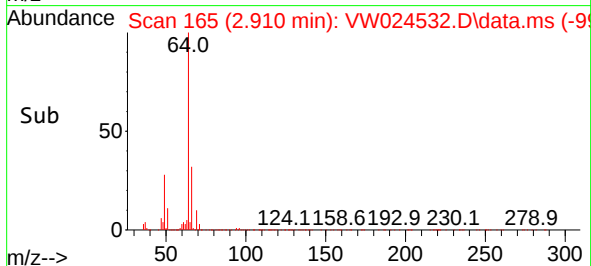
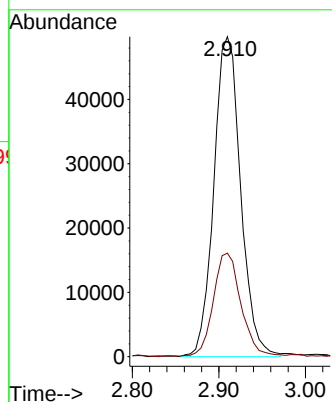
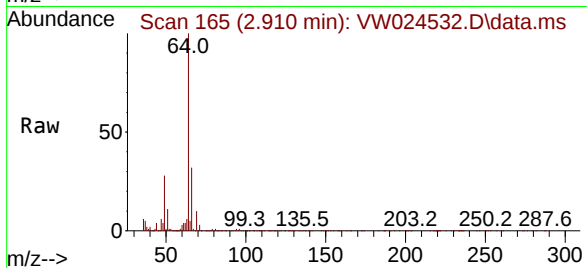




#8
Chloroethane
Concen: 20.132 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

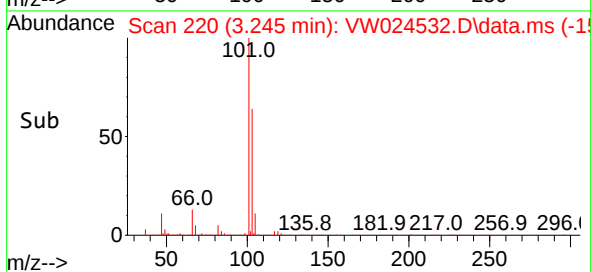
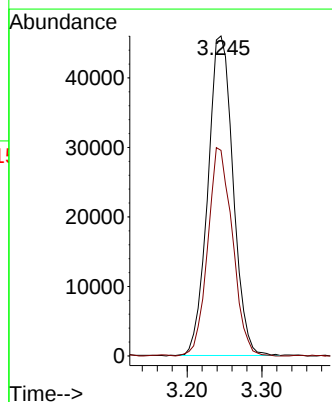
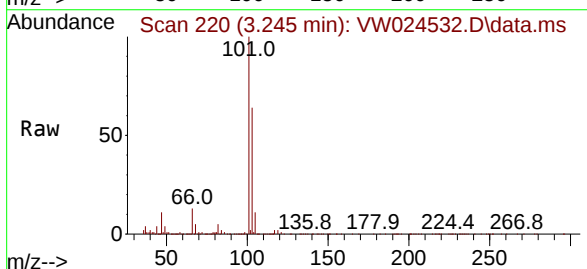
Instrument :
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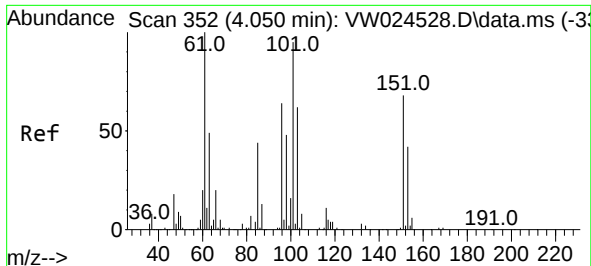
Tgt Ion: 64 Resp: 106868
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.0



#9
Trichlorofluoromethane
Concen: 28.407 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion: 101 Resp: 107664
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6

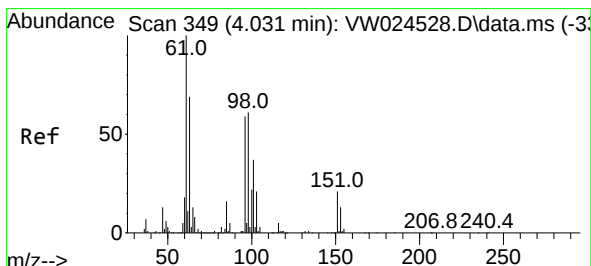
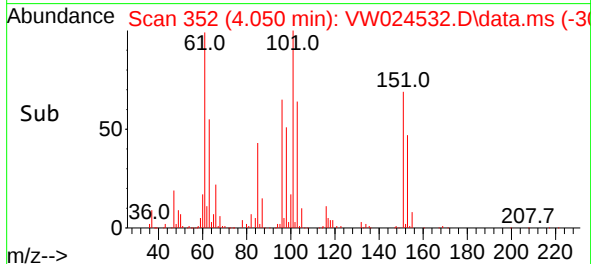
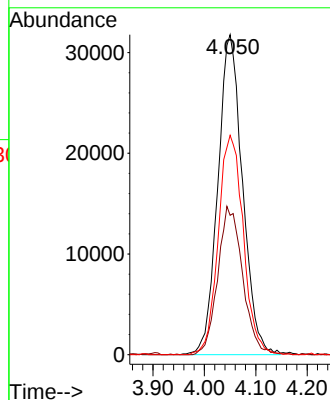
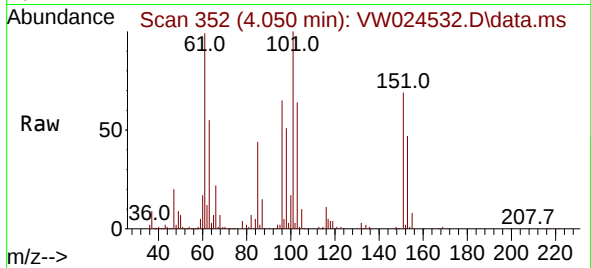




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.635 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024532.D
 Acq: 02 Sep 2022 14:41

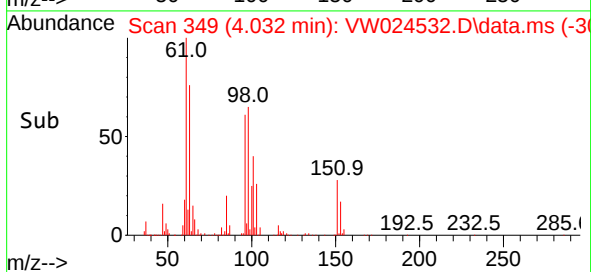
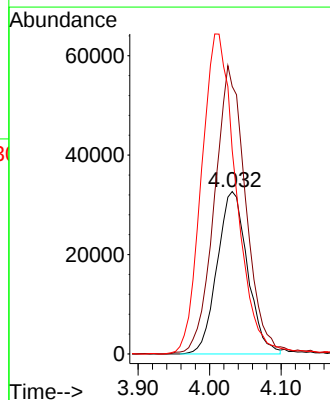
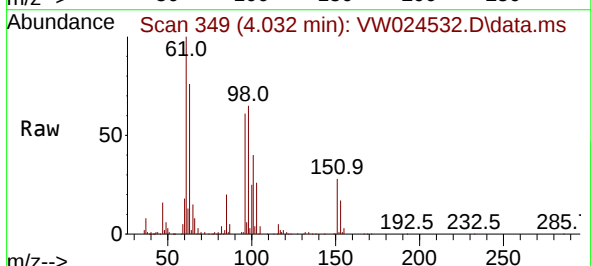
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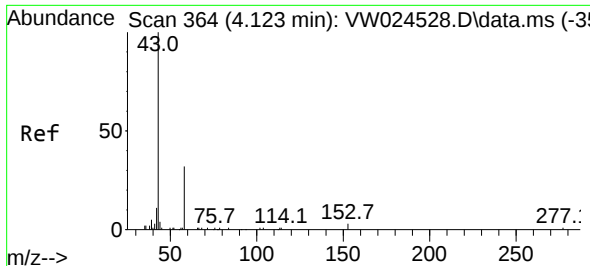
Tgt Ion:101 Resp: 105821
 Ion Ratio Lower Upper
 101 100
 85 46.2 37.1 55.7
 151 69.6 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 19.205 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024532.D
 Acq: 02 Sep 2022 14:41

Tgt Ion: 96 Resp: 96329
 Ion Ratio Lower Upper
 96 100
 61 164.7 129.1 239.8
 63 125.4 90.2 167.4

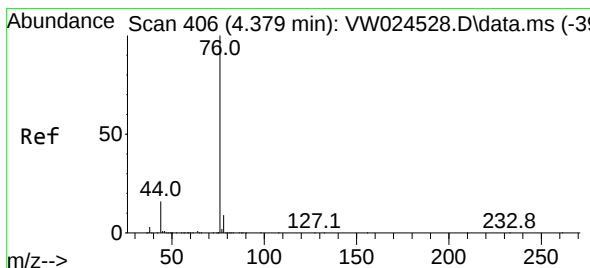
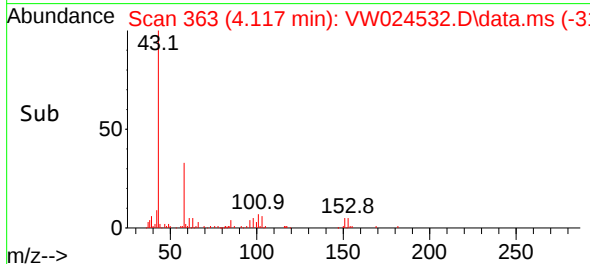
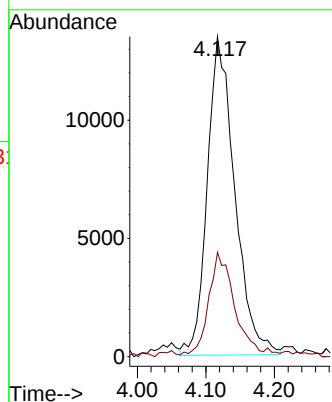
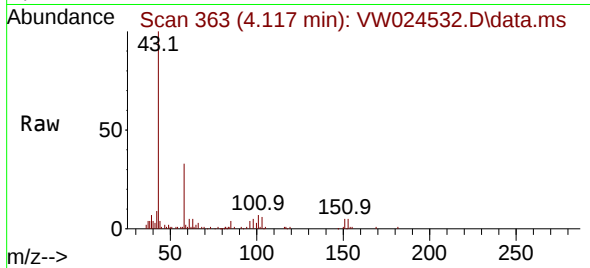




#13
Acetone
Concen: 37.784 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

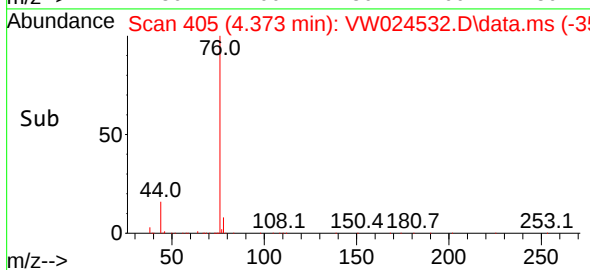
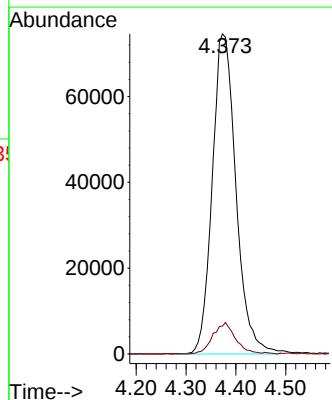
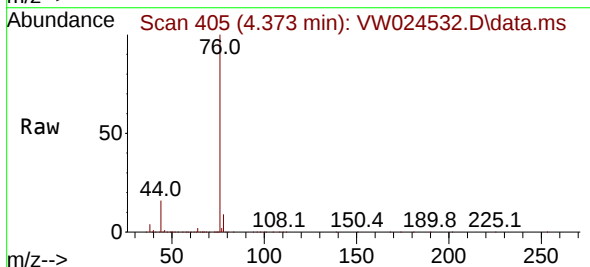
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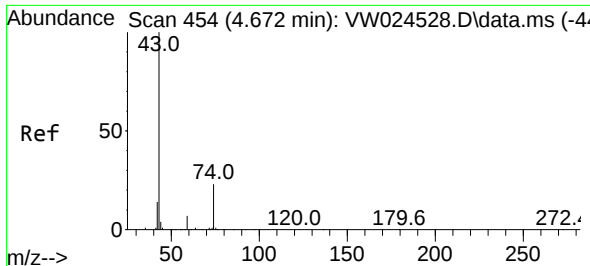
Tgt Ion: 43 Resp: 37587
Ion Ratio Lower Upper
43 100
58 30.3 0.0 59.8



#14
Carbon disulfide
Concen: 17.869 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion: 76 Resp: 246379
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3

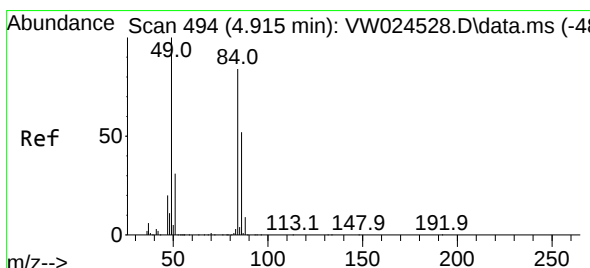
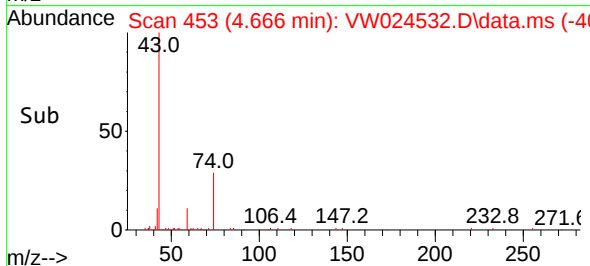
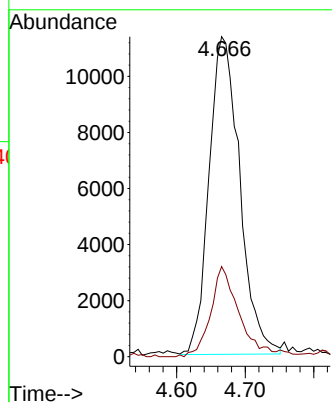
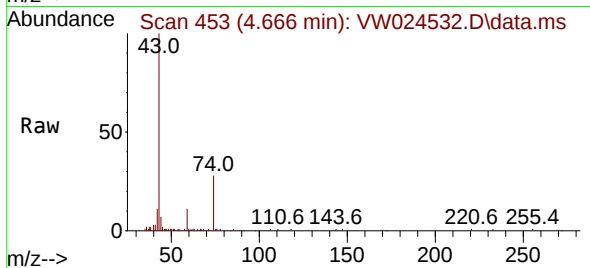




#15
Methyl Acetate
Concen: 14.582 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

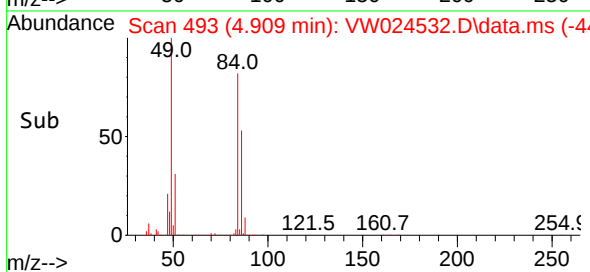
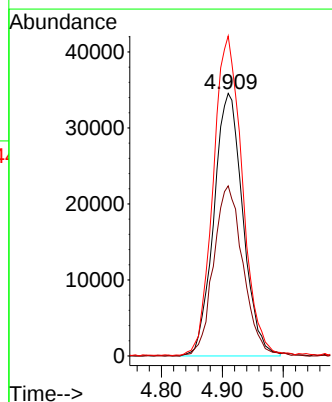
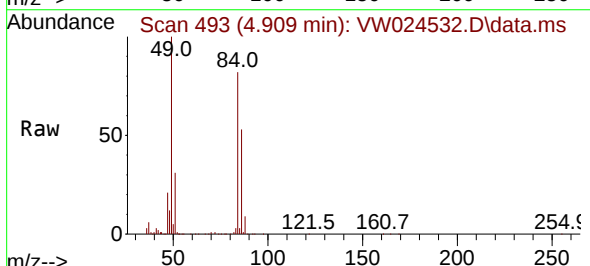
Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

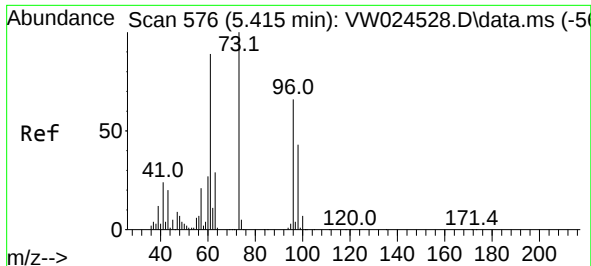
Tgt Ion: 43 Resp: 35278
Ion Ratio Lower Upper
43 100
74 24.8 19.5 29.3



#16
Methylene chloride
Concen: 19.884 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion: 84 Resp: 114315
Ion Ratio Lower Upper
84 100
86 64.8 42.1 78.1
49 121.9 85.5 158.9

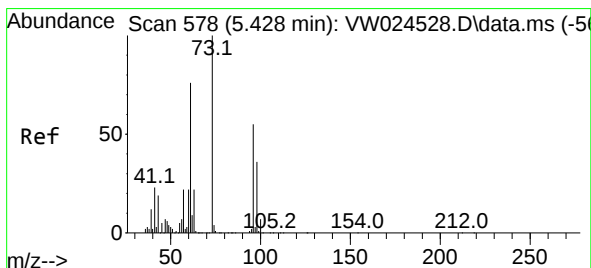
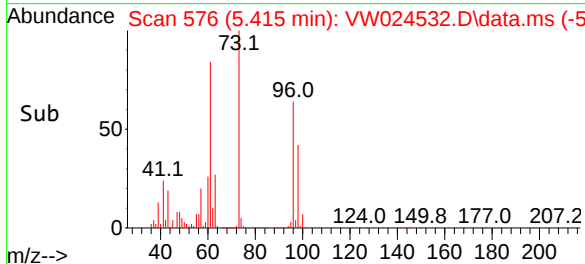
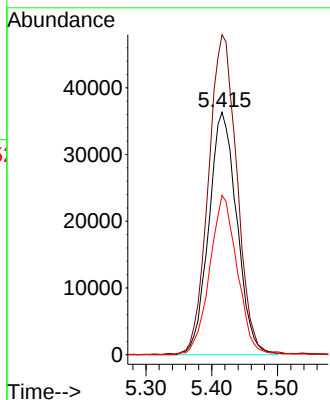
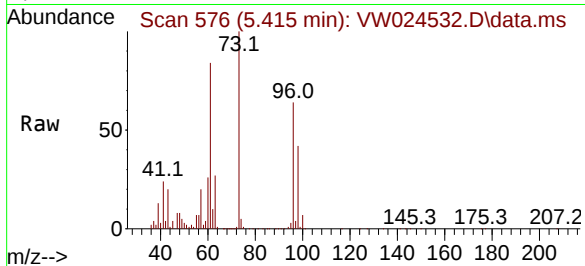




#17
trans-1,2-Dichloroethene
Concen: 19.409 ug/L
RT: 5.415 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

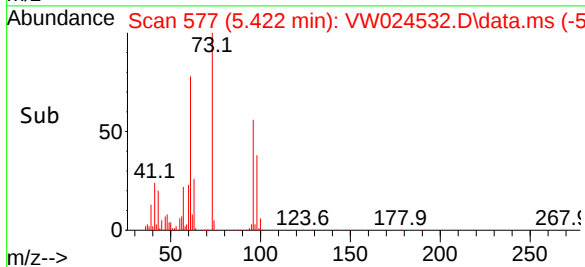
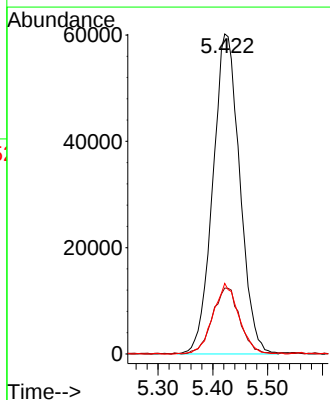
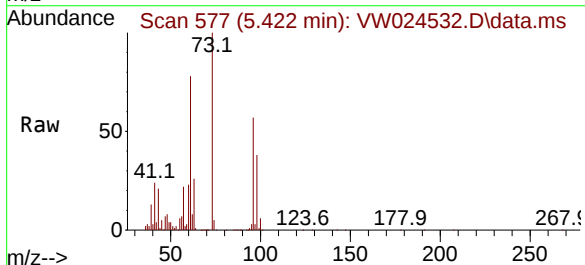
Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

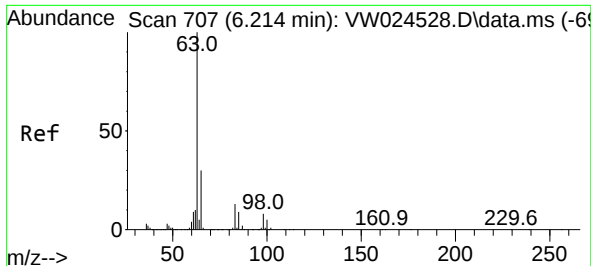
Tgt Ion: 96 Resp: 107966
Ion Ratio Lower Upper
96 100
61 132.0 90.0 167.2
98 65.8 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 21.292 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion: 73 Resp: 205309
Ion Ratio Lower Upper
73 100
43 21.0 16.3 24.5
57 21.3 17.3 25.9





#19

1,1-Dichloroethane

Concen: 20.063 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

Instrument :

MSVOA_W

ClientSampleId :

EW353MSD

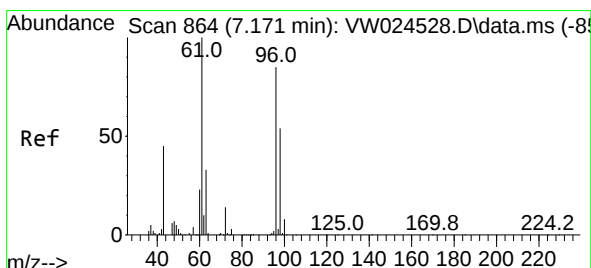
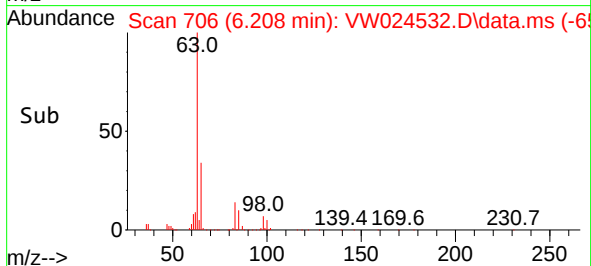
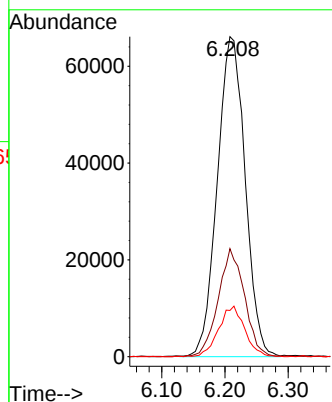
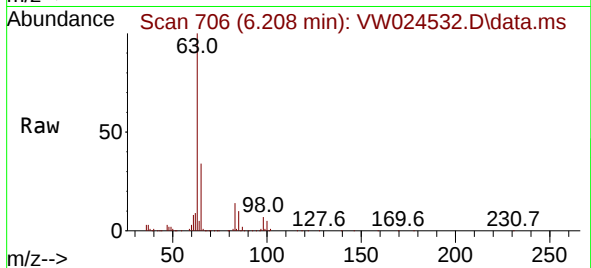
Tgt Ion: 63 Resp: 202104

Ion Ratio Lower Upper

63 100

65 33.7 21.5 39.9

83 14.4 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 20.203 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

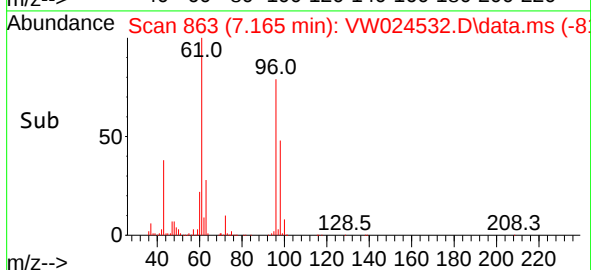
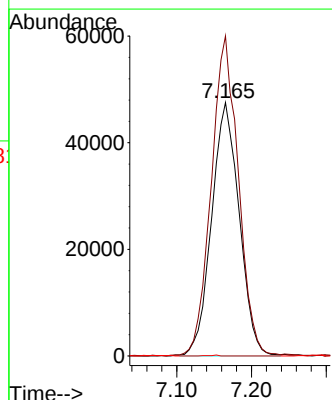
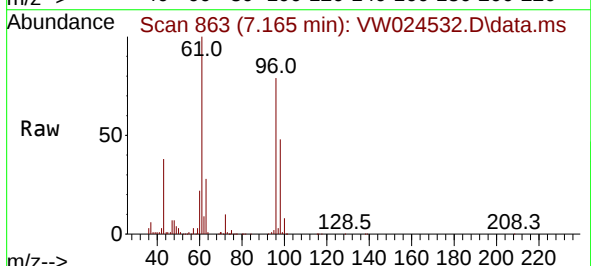
Tgt Ion: 96 Resp: 122057

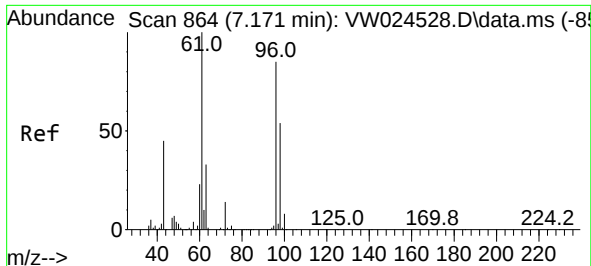
Ion Ratio Lower Upper

96 100

61 126.2 88.9 165.1

68 0.0 0.0 0.0

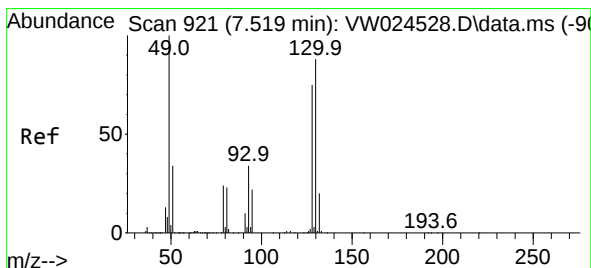
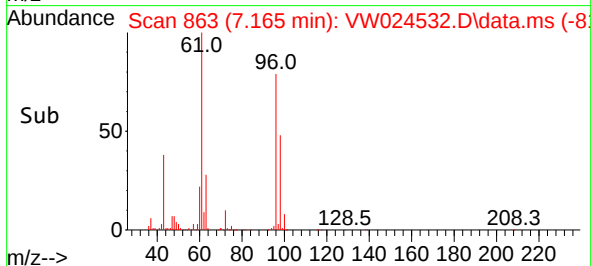
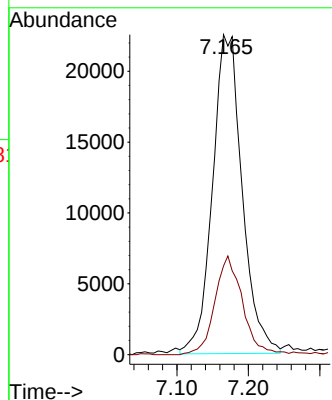
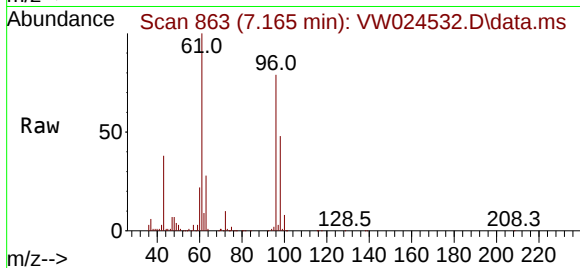




#22
2-Butanone
Concen: 39.879 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

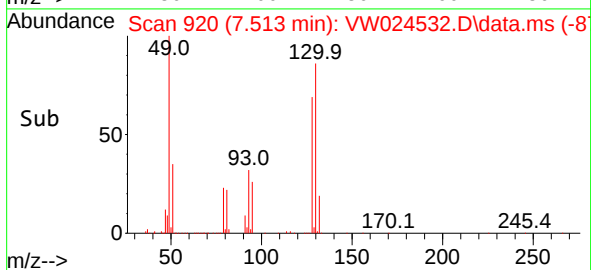
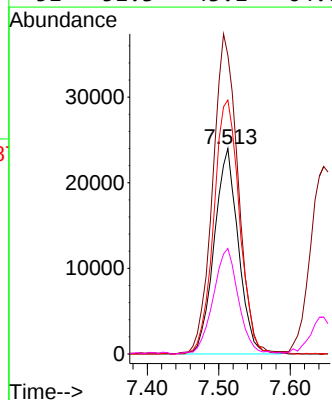
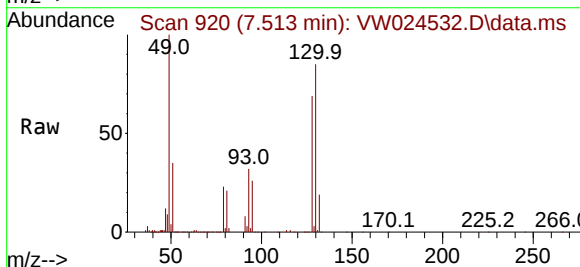
Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

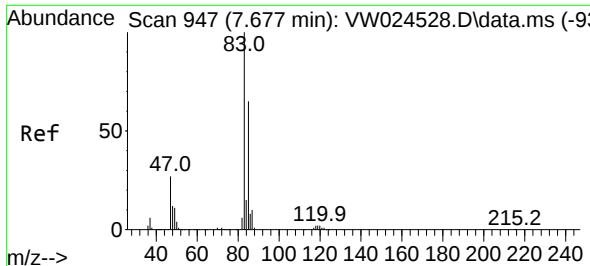
Tgt Ion: 43 Resp: 64863
Ion Ratio Lower Upper
43 100
72 28.6 14.5 43.6



#23
Bromochloromethane
Concen: 20.004 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion: 128 Resp: 56198
Ion Ratio Lower Upper
128 100
49 145.4 118.2 219.6
130 123.6 94.8 176.2
51 51.3 43.1 64.7

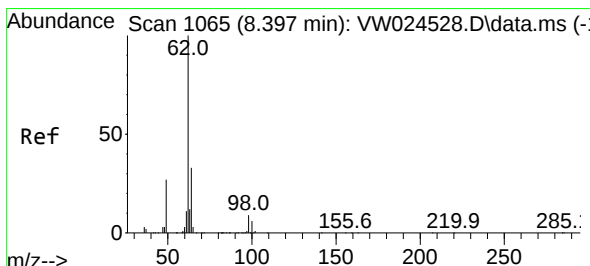
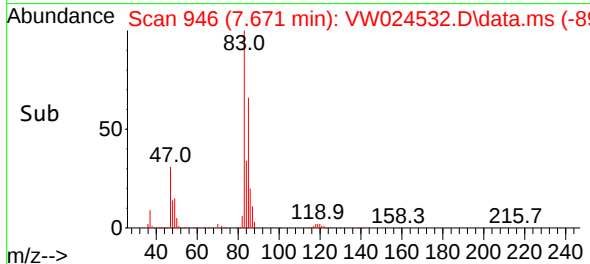
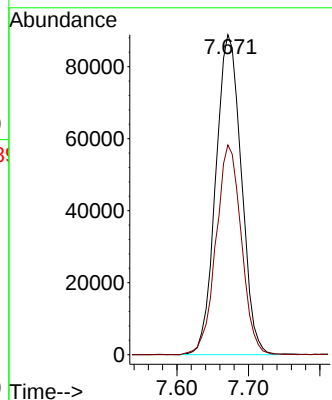
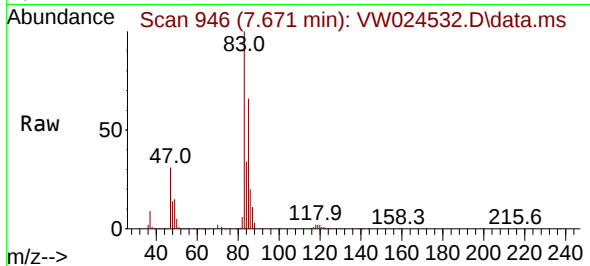




#25
Chloroform
Concen: 19.961 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

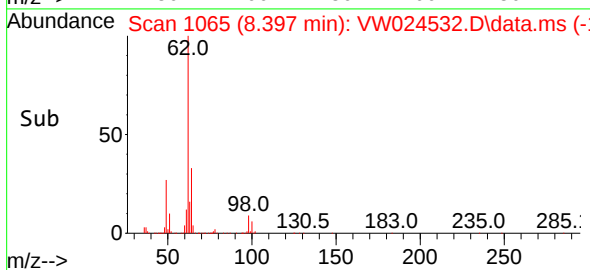
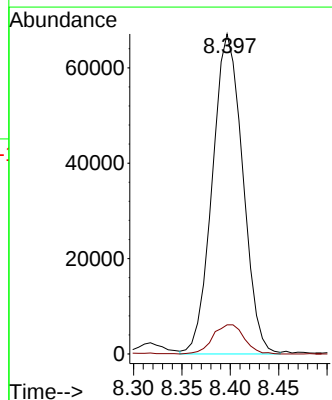
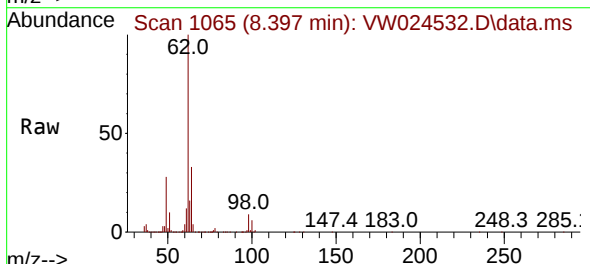
Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

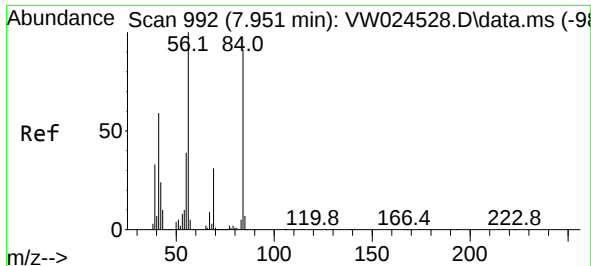
Tgt Ion: 83 Resp: 220763
Ion Ratio Lower Upper
83 100
85 65.5 45.6 84.8



#27
1,2-Dichloroethane
Concen: 20.184 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion: 62 Resp: 146634
Ion Ratio Lower Upper
62 100
98 9.1 6.7 10.1

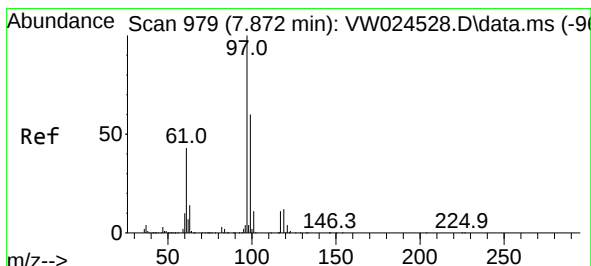
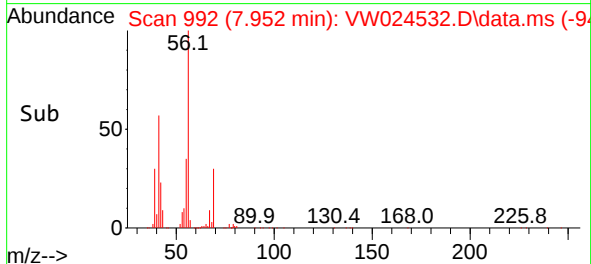
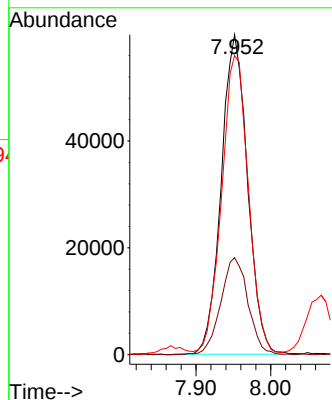
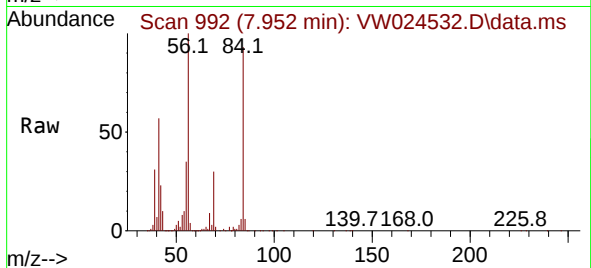




#29
Cyclohexane
Concen: 19.081 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

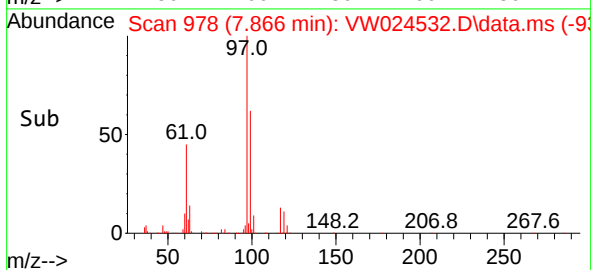
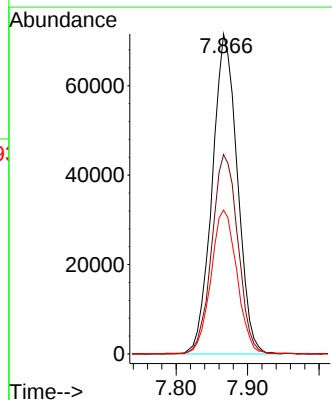
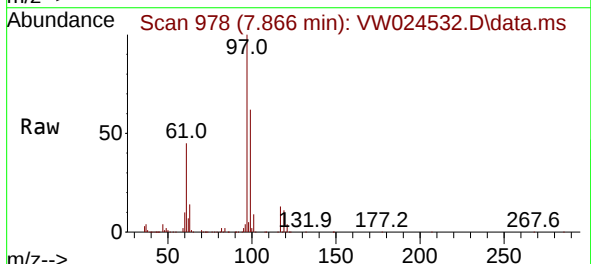
Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

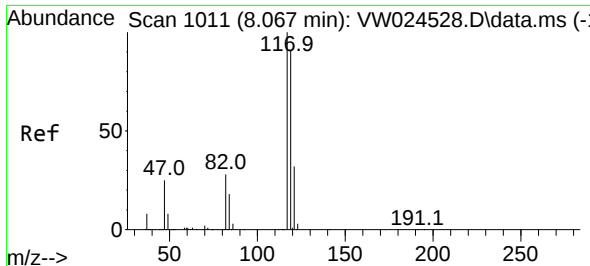
Tgt Ion: 56 Resp: 145850
Ion Ratio Lower Upper
56 100
69 31.4 24.8 37.2
84 96.0 77.3 115.9



#30
1,1,1-Trichloroethane
Concen: 21.012 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion: 97 Resp: 174975
Ion Ratio Lower Upper
97 100
99 64.6 52.5 78.7
61 46.4 37.9 56.9

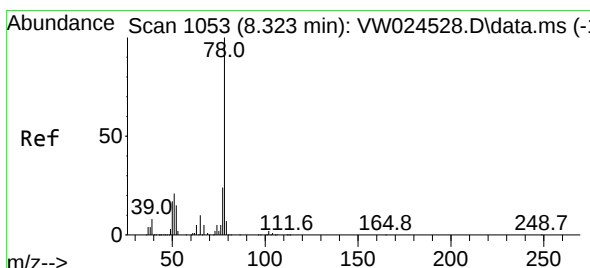
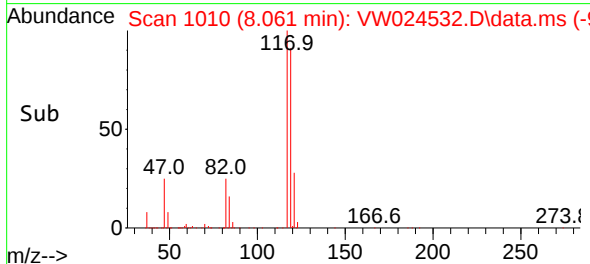
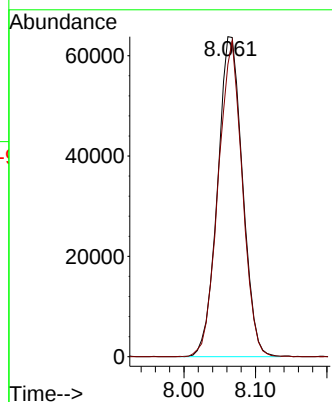
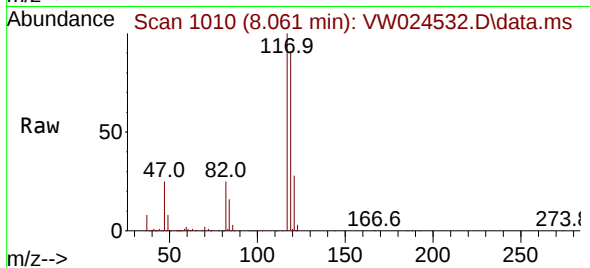




#31
Carbon tetrachloride
Concen: 20.496 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

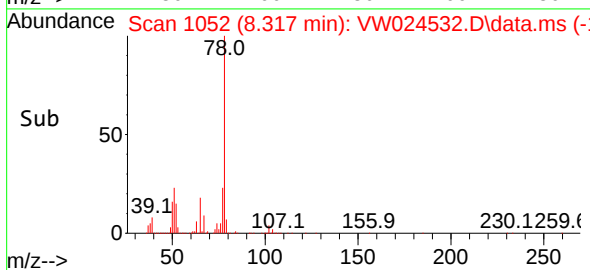
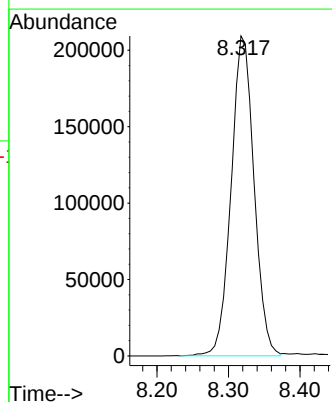
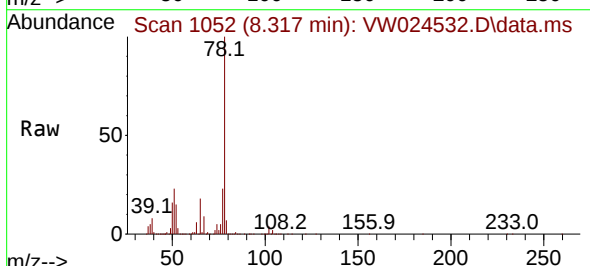
Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

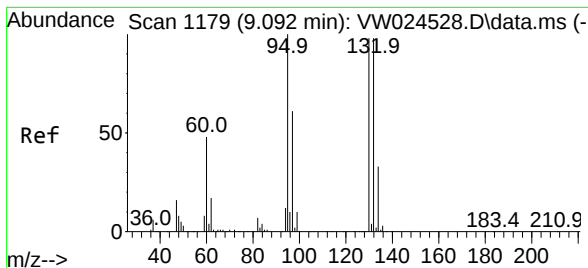
Tgt Ion:117 Resp: 154758
Ion Ratio Lower Upper
117 100
119 95.2 78.1 117.1



#33
Benzene
Concen: 21.271 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion: 78 Resp: 465645





#34

Trichloroethene

Concen: 20.278 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

Instrument :

MSVOA_W

ClientSampleId :

EW353MSD

Tgt Ion: 95 Resp: 117829

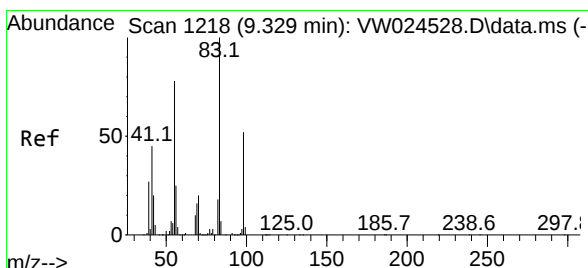
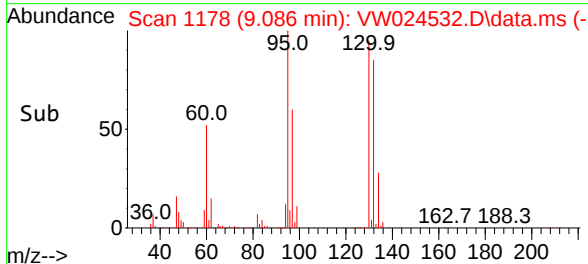
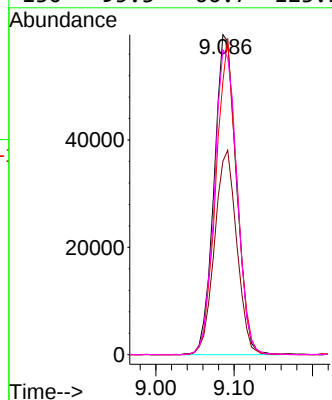
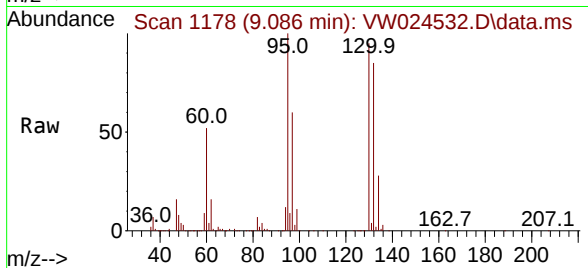
Ion Ratio Lower Upper

95 100

97 60.4 44.2 82.2

132 85.4 64.5 119.7

130 95.3 66.7 123.9



#35

Methylcyclohexane

Concen: 16.168 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

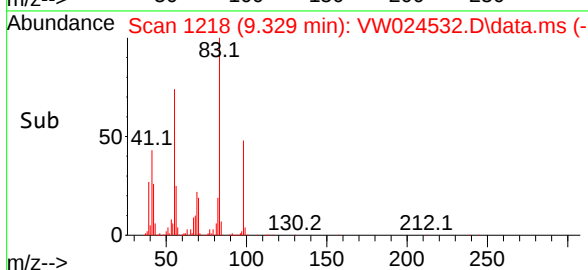
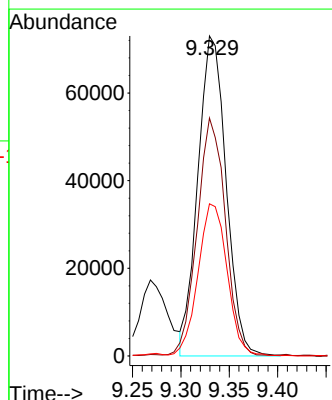
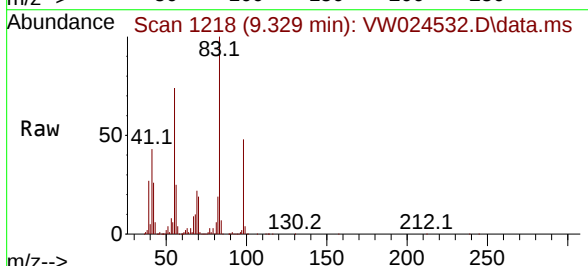
Tgt Ion: 83 Resp: 148669

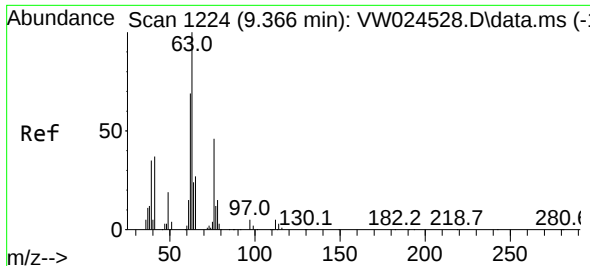
Ion Ratio Lower Upper

83 100

55 74.0 58.9 88.3

98 49.0 40.4 60.6





#37

1,2-Dichloropropane

Concen: 21.466 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

Instrument :

MSVOA_W

ClientSampleId :

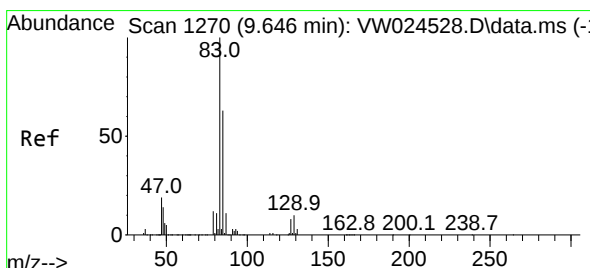
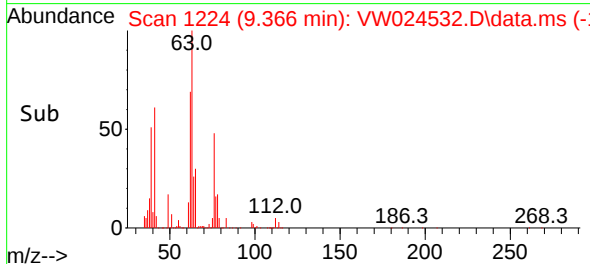
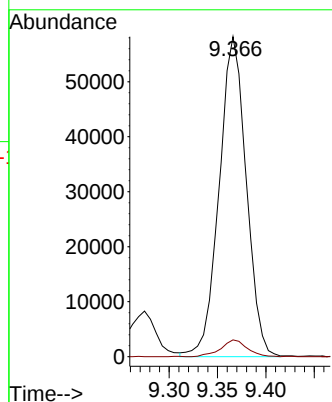
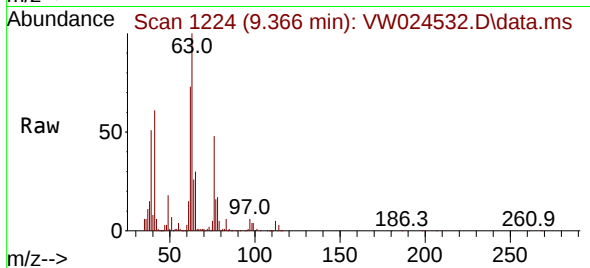
EW353MSD

Tgt Ion: 63 Resp: 113238

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 21.604 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

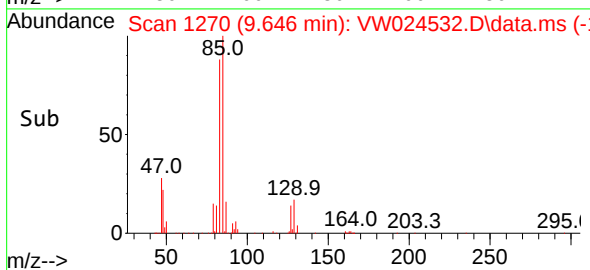
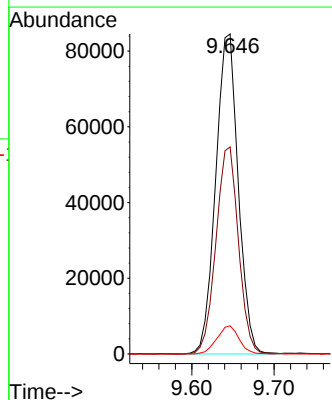
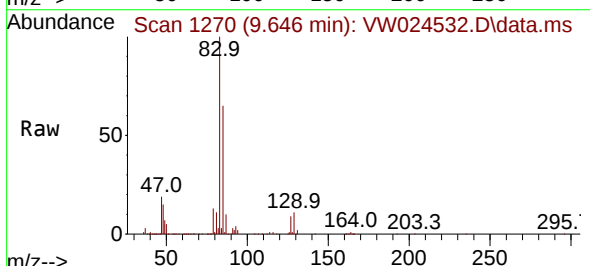
Tgt Ion: 83 Resp: 161096

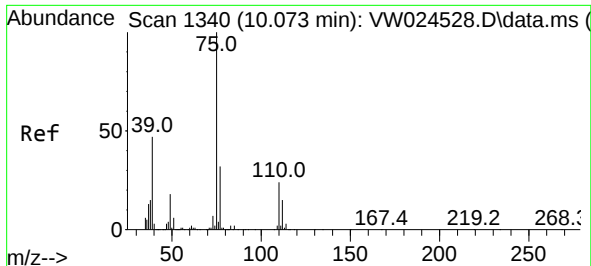
Ion Ratio Lower Upper

83 100

85 64.7 46.3 85.9

127 8.8 6.7 10.1

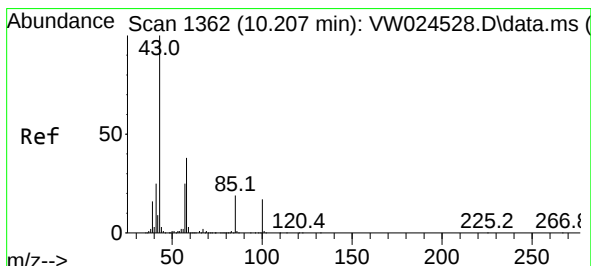
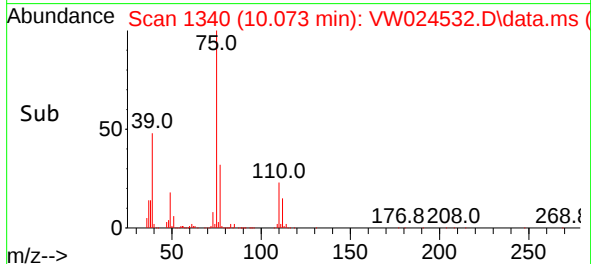
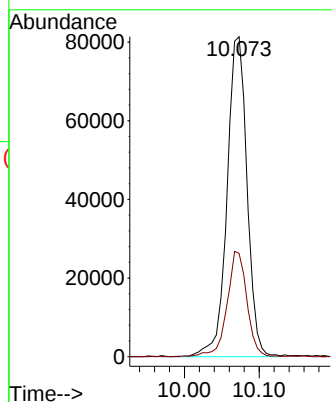
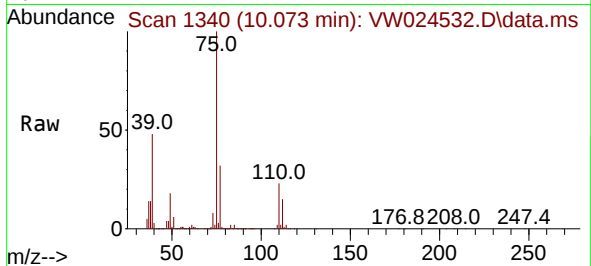




#39
 cis-1,3-Dichloropropene
 Concen: 19.059 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024532.D
 Acq: 02 Sep 2022 14:41

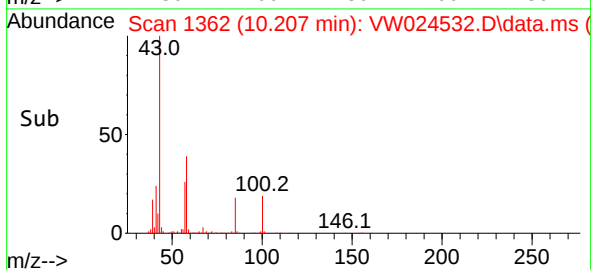
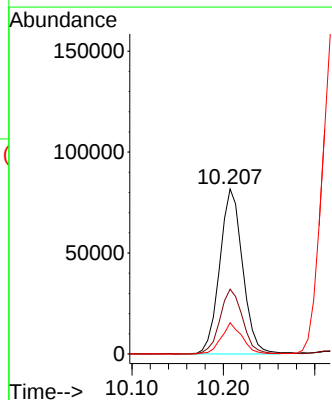
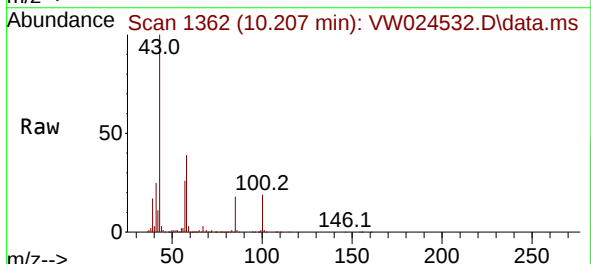
Instrument :
 MSVOA_W
 ClientSampleId :
 EW353MSD

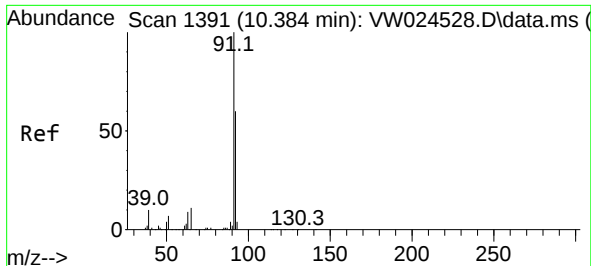
Tgt Ion: 75 Resp: 151364
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 43.429 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024532.D
 Acq: 02 Sep 2022 14:41

Tgt Ion: 43 Resp: 142475
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.8 47.8
 100 17.2 13.5 20.3

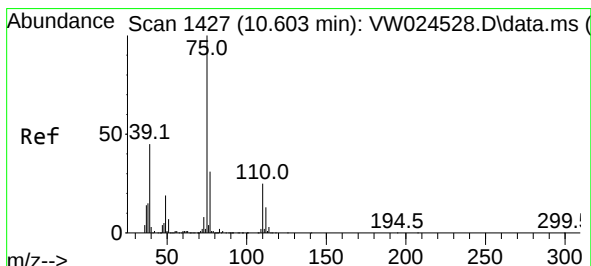
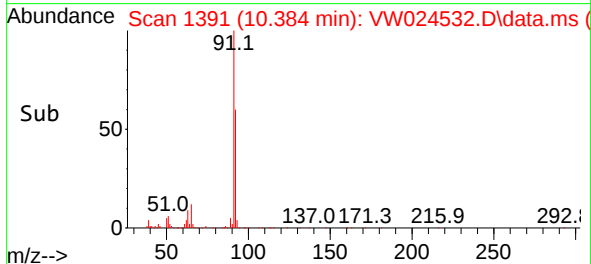
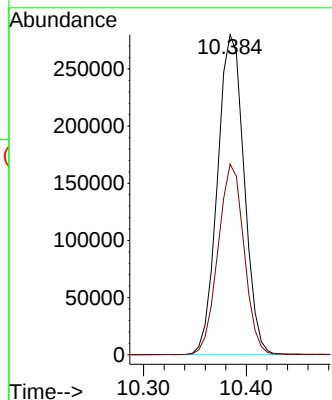
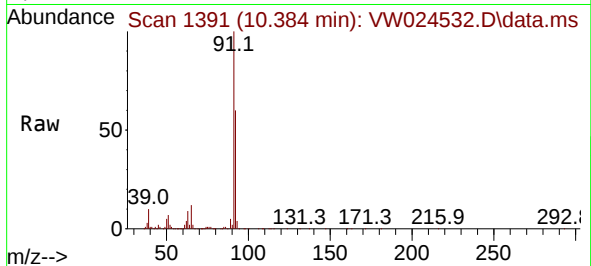




#42
Toluene
Concen: 21.137 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

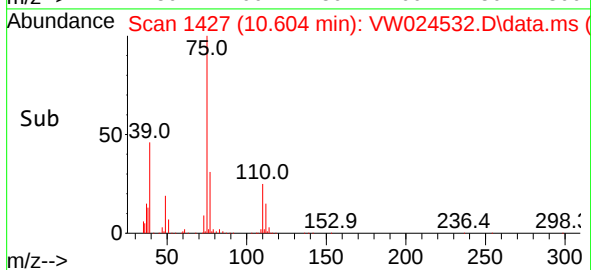
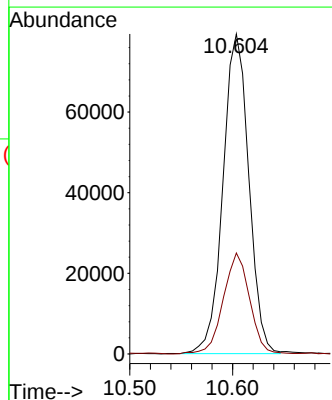
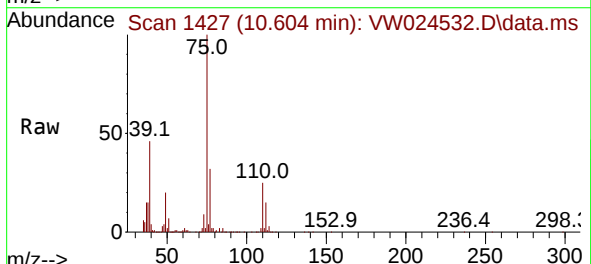
Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

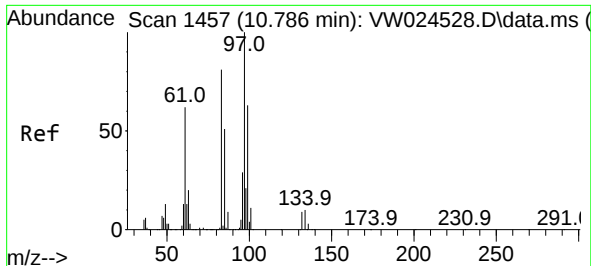
Tgt Ion: 91 Resp: 503863
Ion Ratio Lower Upper
91 100
92 59.6 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 19.416 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion: 75 Resp: 138320
Ion Ratio Lower Upper
75 100
77 31.5 22.3 41.5

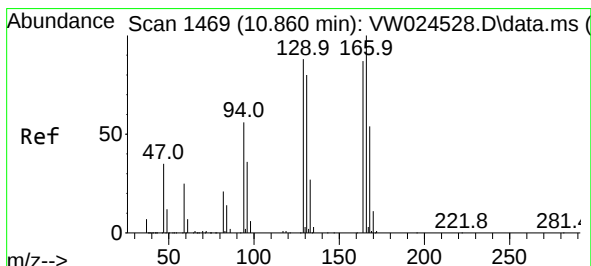
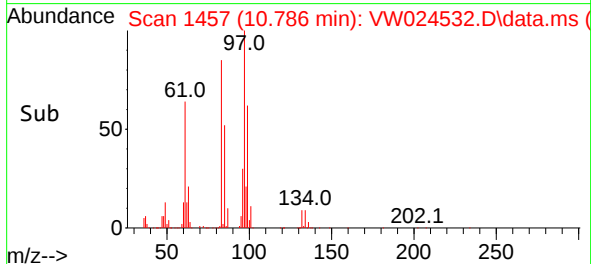
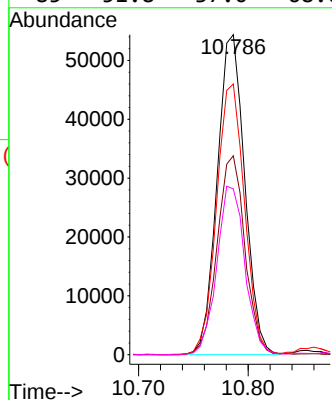
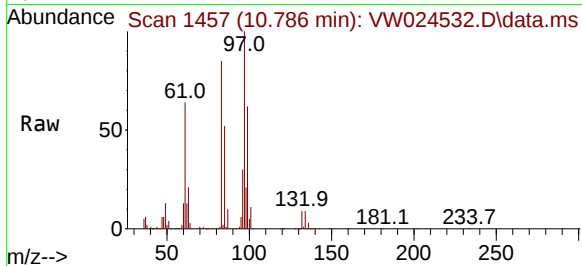




#45
1,1,2-Trichloroethane
Concen: 21.572 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

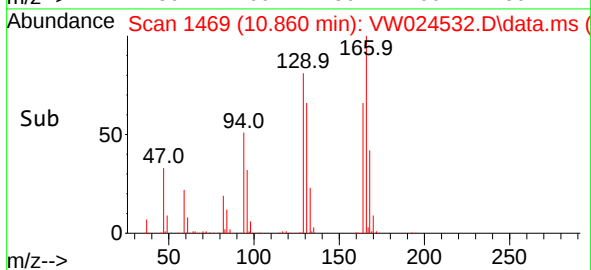
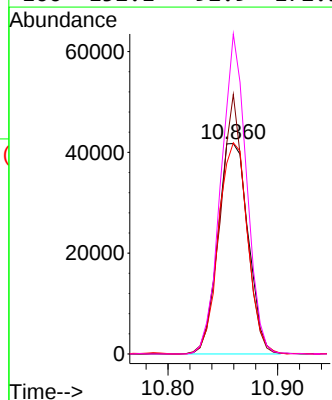
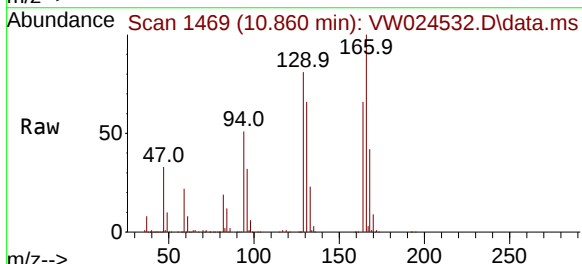
Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

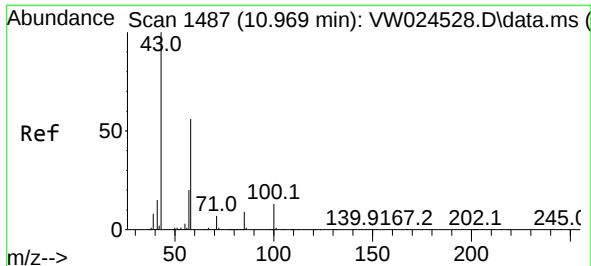
Tgt Ion: 97	Resp: 95009
Ion Ratio	Lower Upper
97 100	
99 62.1	45.7 84.9
83 84.6	58.5 108.7
85 51.8	37.0 68.6



#46
Tetrachloroethene
Concen: 18.947 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt	Ion:164	Resp:	80456
Ion	Ratio	Lower	Upper
164	100		
129	123.4	74.9	139.1
131	100.4	73.6	136.6
166	152.1	92.9	172.5

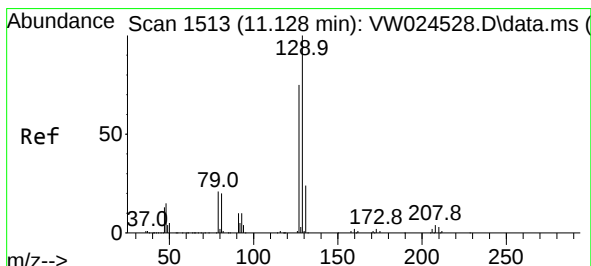
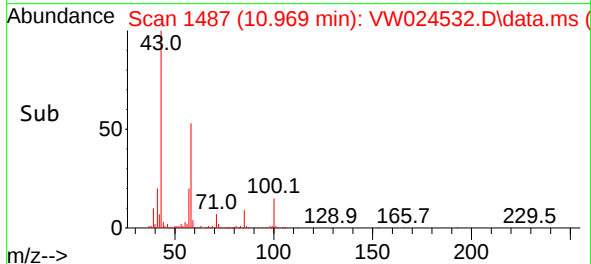
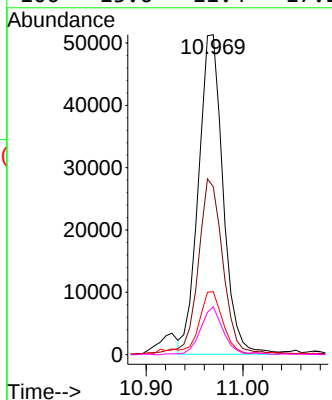
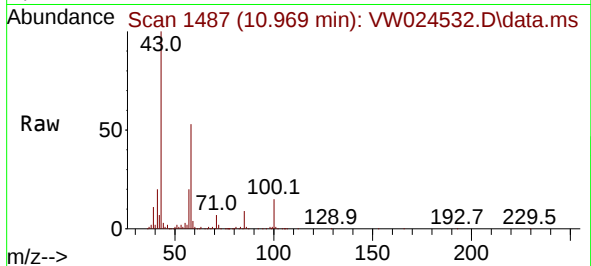




#48
2-Hexanone
Concen: 41.654 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

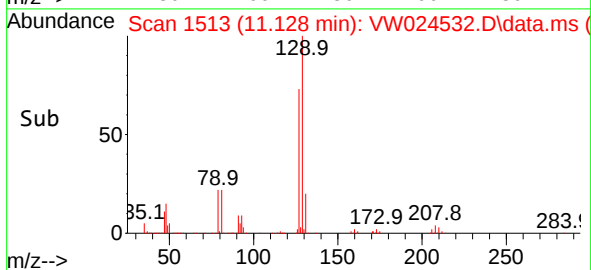
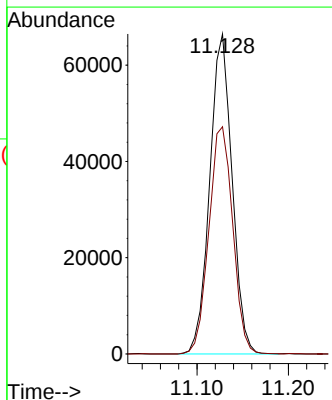
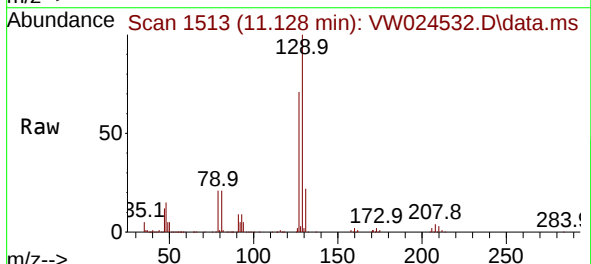
Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

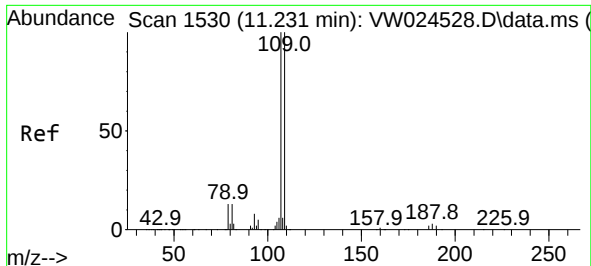
Tgt Ion:	43	Resp:	90917
Ion	Ratio	Lower	Upper
43	100		
58	55.9	44.2	66.2
57	18.9	15.5	23.3
100	13.6	11.4	17.2



#49
Dibromochloromethane
Concen: 21.831 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion:	129	Resp:	112979
Ion	Ratio	Lower	Upper
129	100		
127	71.0	51.7	96.1

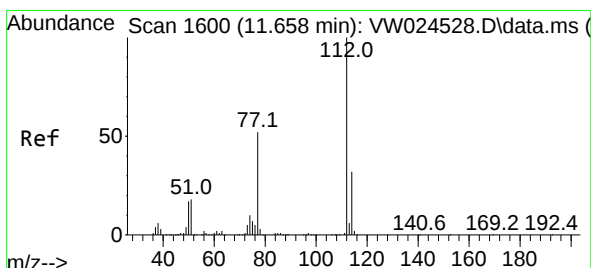
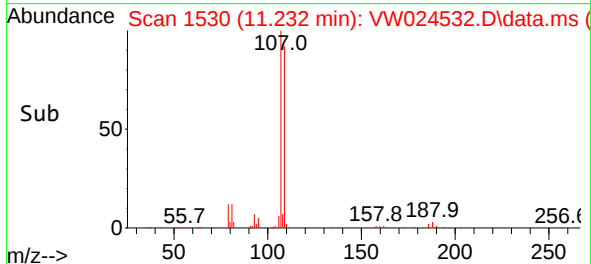
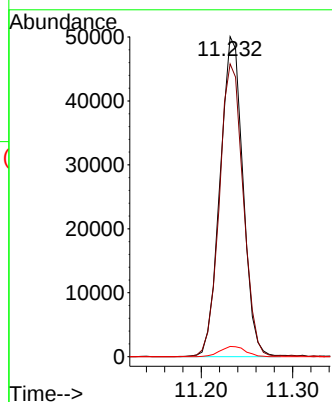
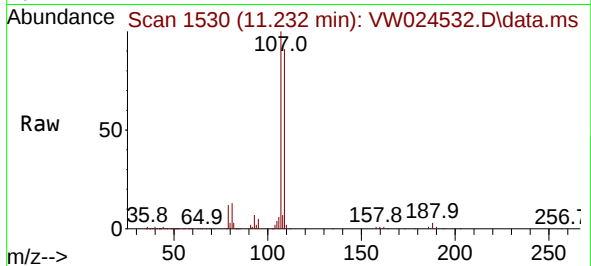




#50
1,2-Dibromoethane
Concen: 20.918 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

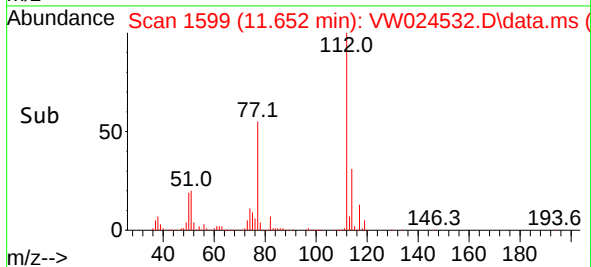
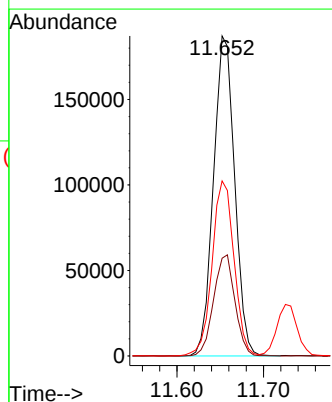
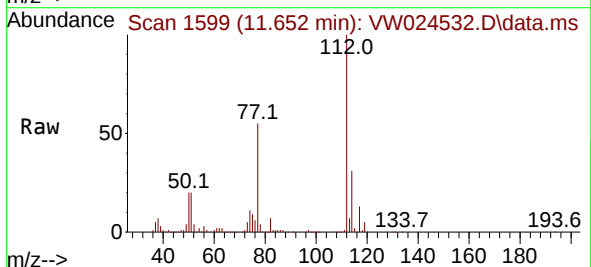
Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

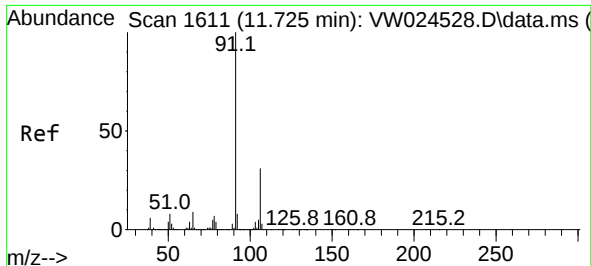
Tgt Ion:107 Resp: 87254
Ion Ratio Lower Upper
107 100
109 91.5 65.9 122.5
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 19.664 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion:112 Resp: 318115
Ion Ratio Lower Upper
112 100
114 30.6 22.9 42.5
77 54.7 43.5 65.3

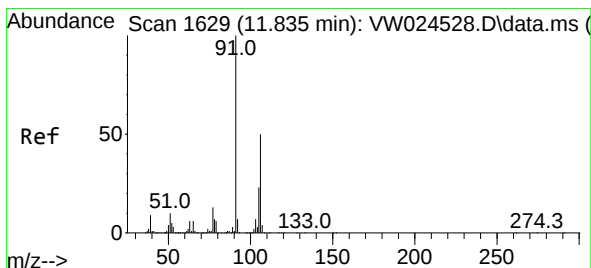
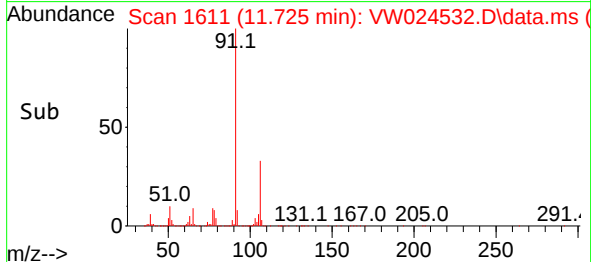
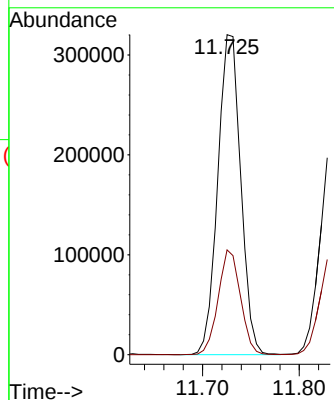
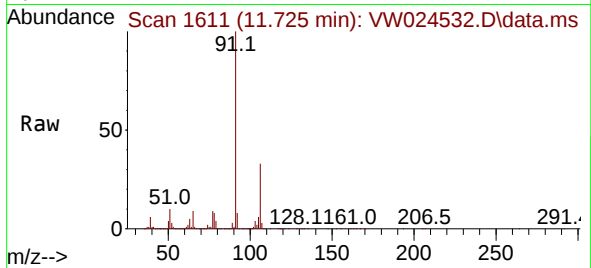




#52
Ethylbenzene
Concen: 19.768 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

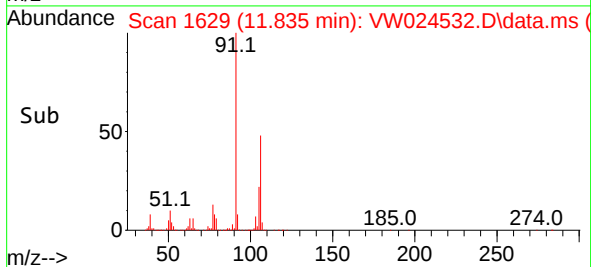
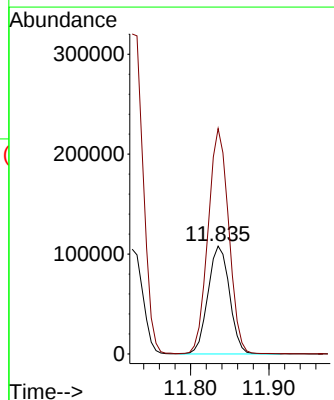
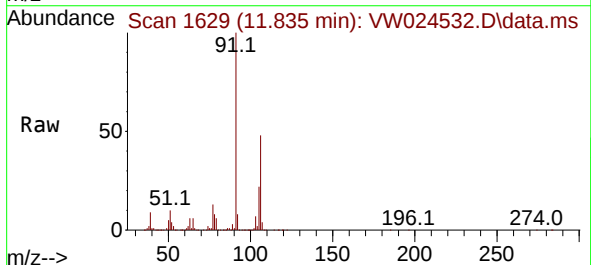
Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

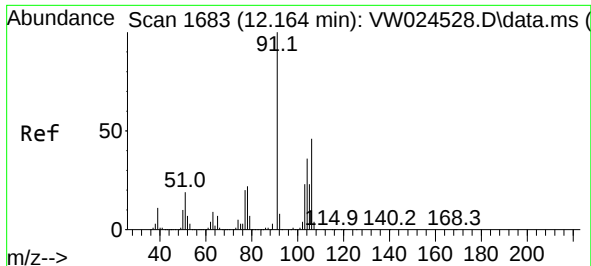
Tgt Ion: 91 Resp: 527511
Ion Ratio Lower Upper
91 100
106 32.7 21.1 39.1



#53
m,p-Xylene
Concen: 19.732 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion: 106 Resp: 205911
Ion Ratio Lower Upper
106 100
91 209.1 141.7 263.3

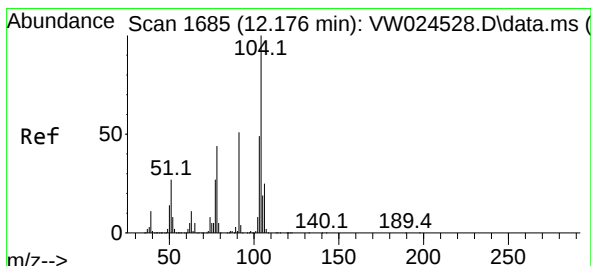
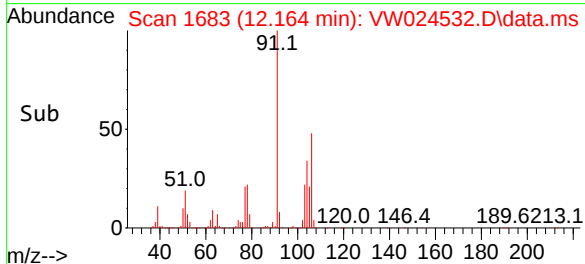
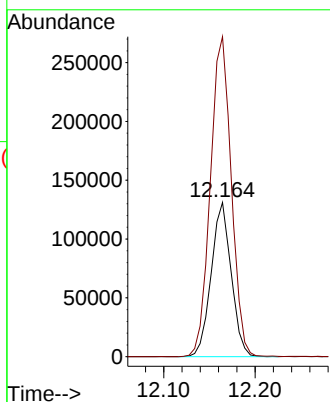
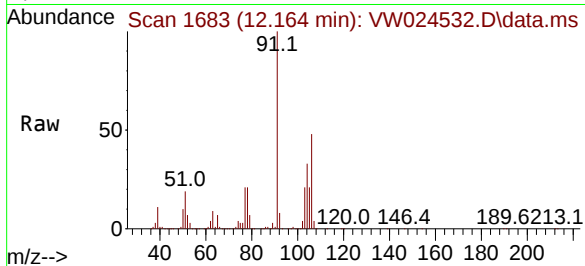




#54
o-Xylene
Concen: 19.929 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

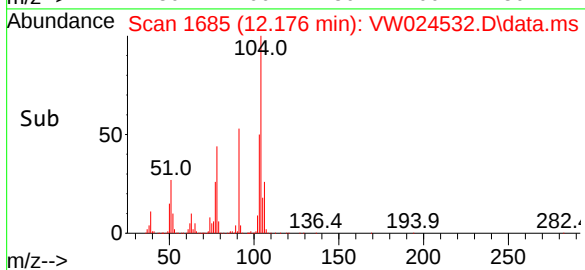
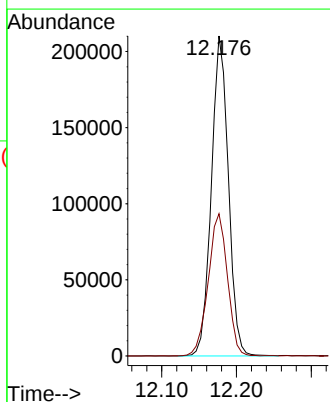
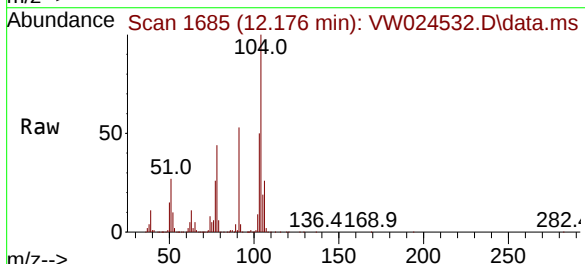
Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

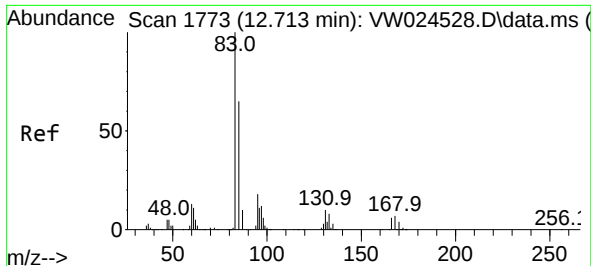
Tgt Ion:106 Resp: 199091
Ion Ratio Lower Upper
106 100
91 207.5 153.4 284.8



#55
Styrene
Concen: 19.220 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion:104 Resp: 333527
Ion Ratio Lower Upper
104 100
78 44.5 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 21.185 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

Instrument :

MSVOA_W

ClientSampleId :

EW353MSD

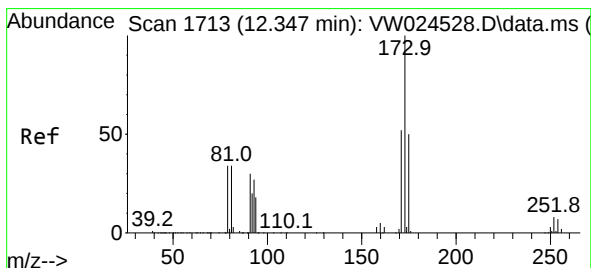
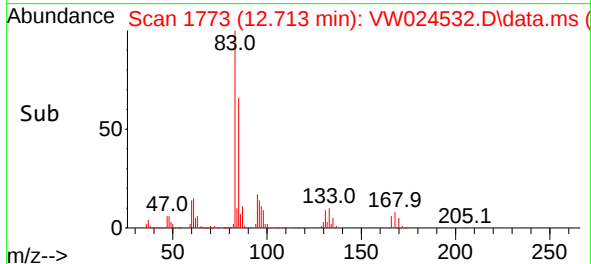
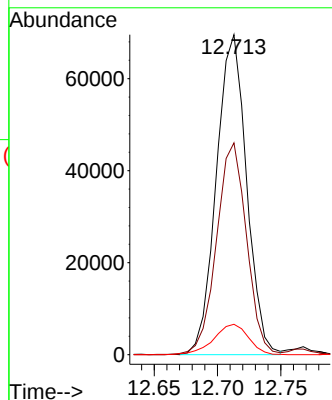
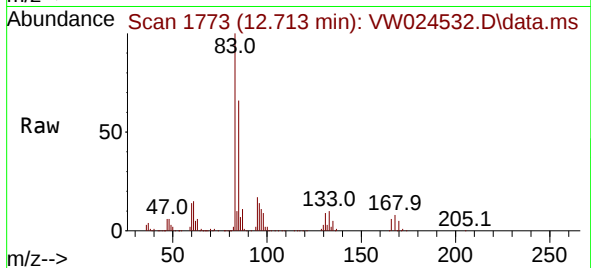
Tgt Ion: 83 Resp: 115472

Ion Ratio Lower Upper

83 100

85 66.2 43.9 81.5

131 9.5 7.9 11.9



#59

Bromoform

Concen: 24.453 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

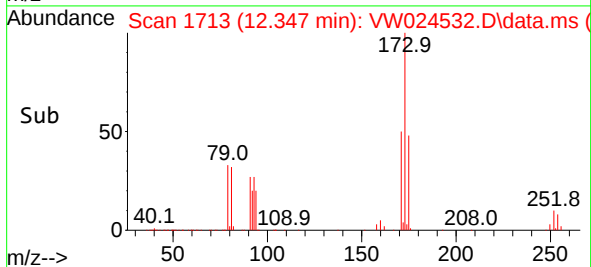
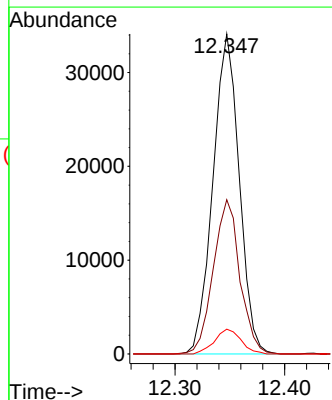
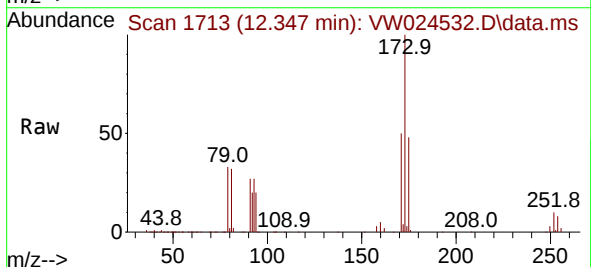
Tgt Ion: 173 Resp: 56807

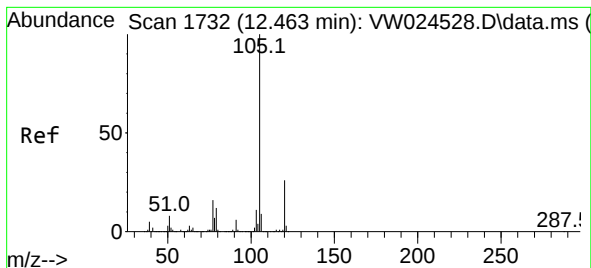
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.6

254 7.8 6.2 9.4





#60

Isopropylbenzene

Concen: 22.625 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

Instrument :

MSVOA_W

ClientSampleId :

EW353MSD

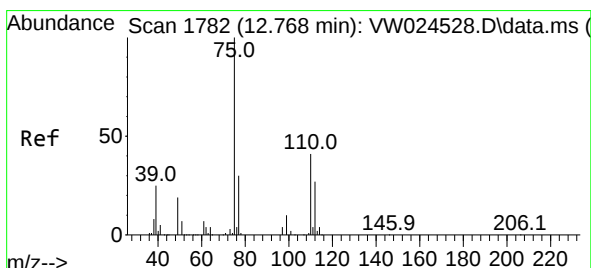
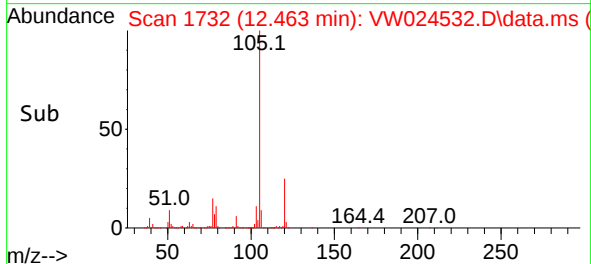
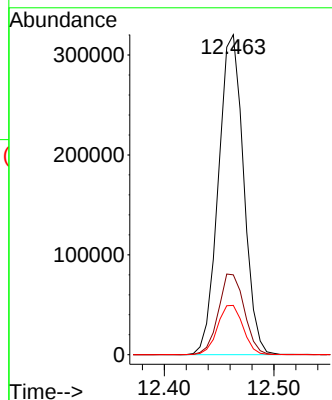
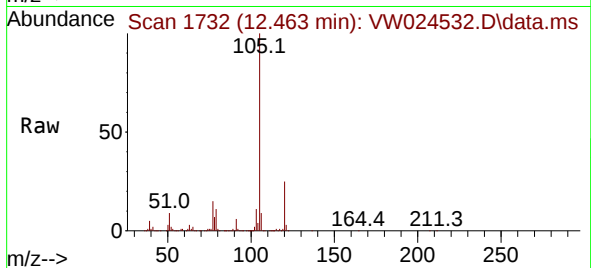
Tgt Ion:105 Resp: 511782

Ion Ratio Lower Upper

105 100

120 25.8 21.5 32.3

77 15.6 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 26.548 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

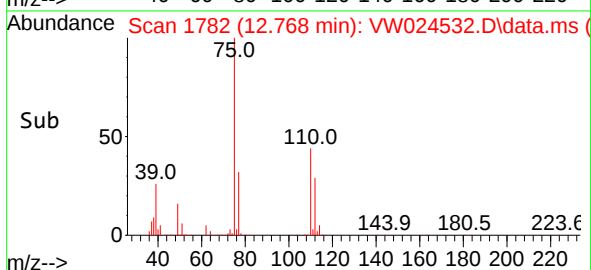
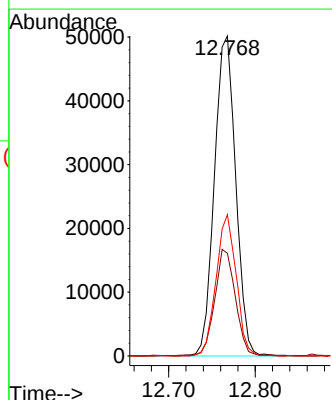
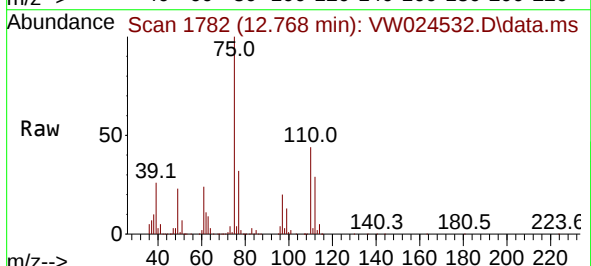
Tgt Ion: 75 Resp: 85757

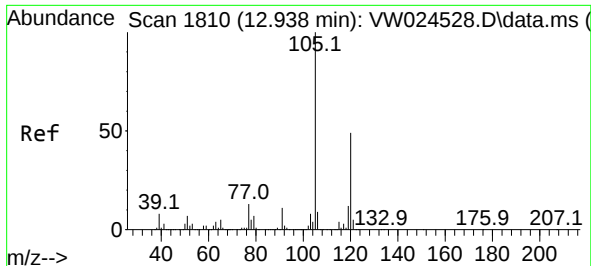
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

110 41.7 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 22.000 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

Instrument :

MSVOA_W

ClientSampleId :

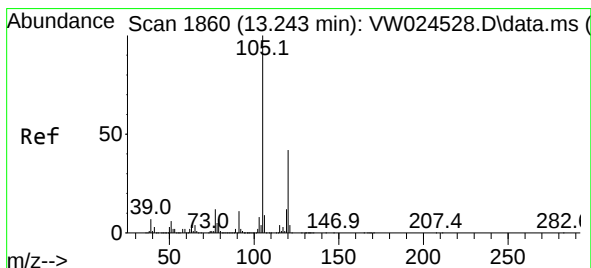
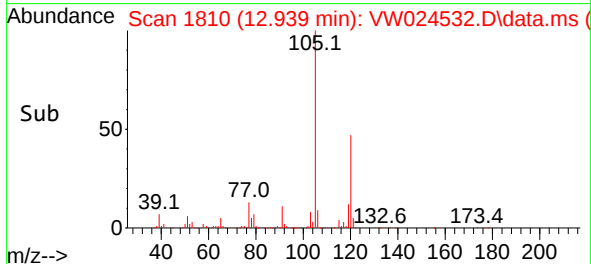
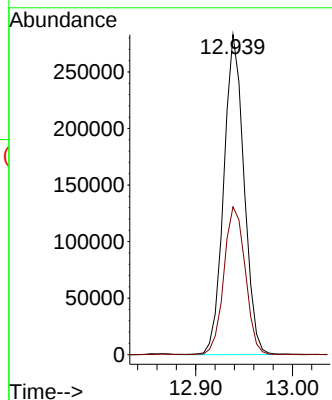
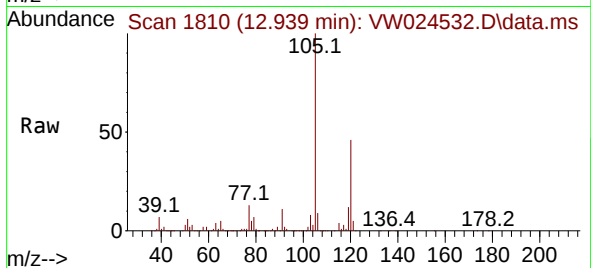
EW353MSD

Tgt Ion:105 Resp: 410516

Ion Ratio Lower Upper

105 100

120 48.7 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 21.616 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VW024532.D

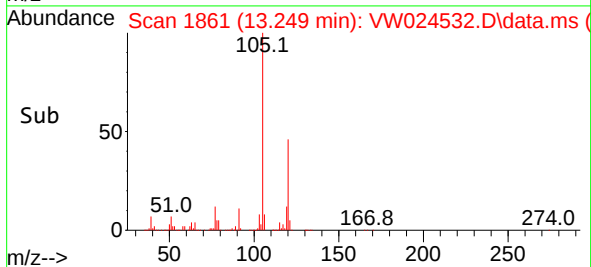
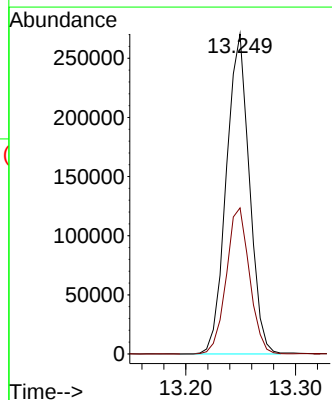
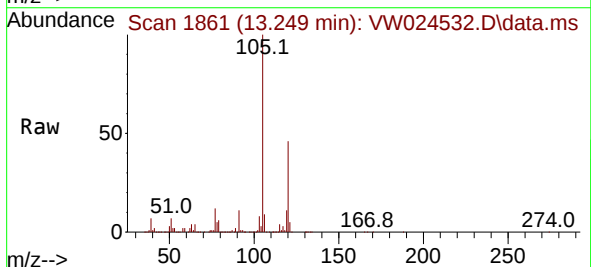
Acq: 02 Sep 2022 14:41

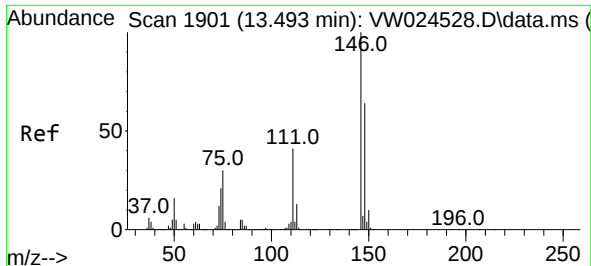
Tgt Ion:105 Resp: 394774

Ion Ratio Lower Upper

105 100

120 46.0 37.0 55.4

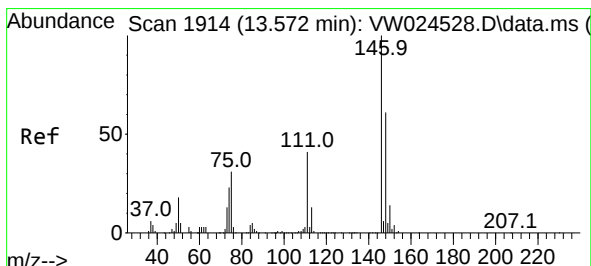
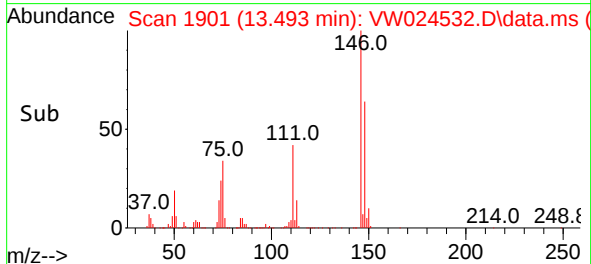
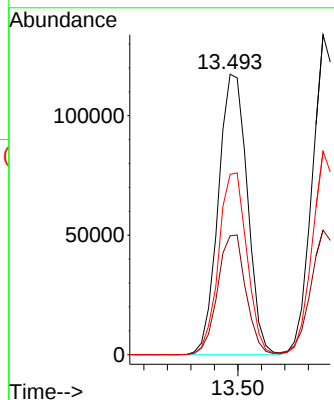
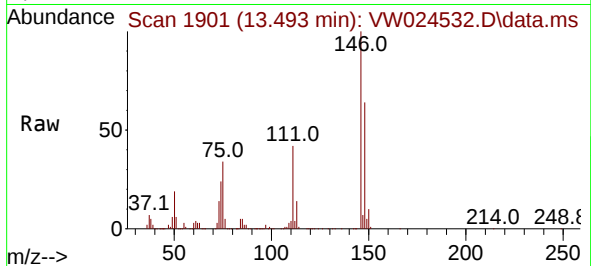




#64
1,3-Dichlorobenzene
Concen: 19.993 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

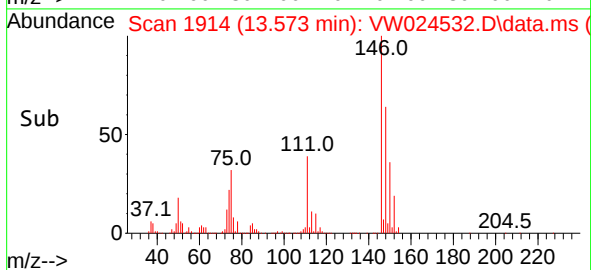
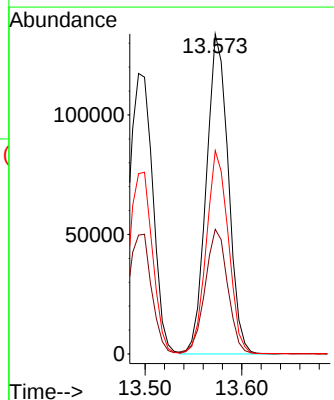
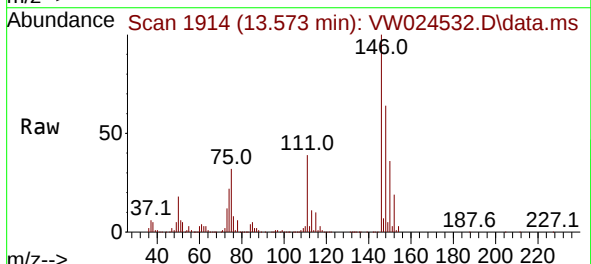
Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

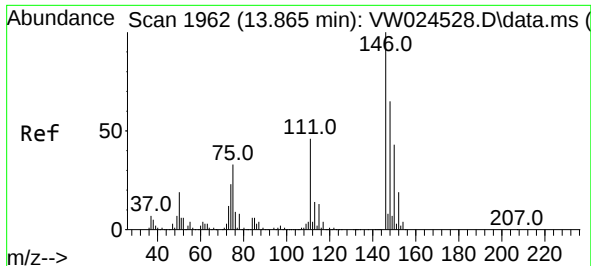
Tgt Ion:146 Resp: 201451
Ion Ratio Lower Upper
146 100
111 42.4 27.6 51.4
148 64.3 42.3 78.5



#65
1,4-Dichlorobenzene
Concen: 20.535 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024532.D
Acq: 02 Sep 2022 14:41

Tgt Ion:146 Resp: 211974
Ion Ratio Lower Upper
146 100
111 38.9 28.2 52.4
148 63.5 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 19.555 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

Instrument :

MSVOA_W

ClientSampleId :

EW353MSD

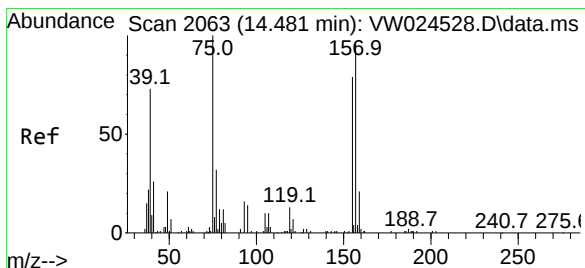
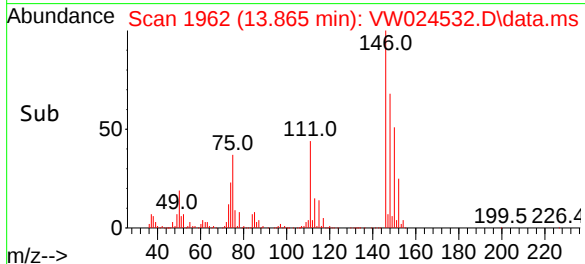
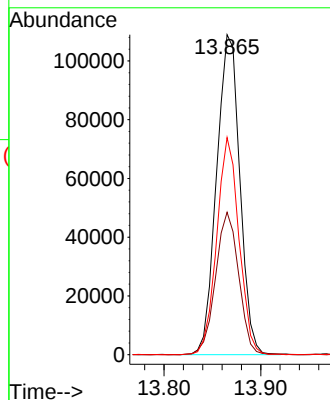
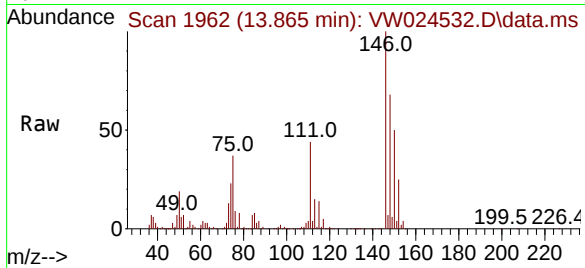
Tgt Ion:146 Resp: 181908

Ion Ratio Lower Upper

146 100

111 44.5 34.1 51.1

148 67.9 48.9 73.3



#68

1,2-Dibromo-3-chloropropane

Concen: 23.411 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

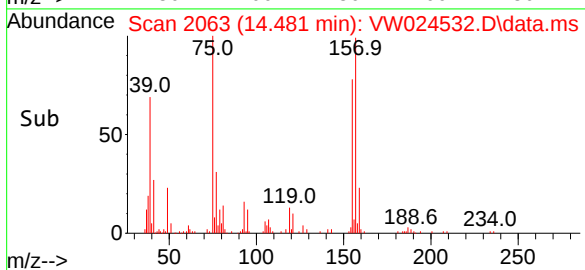
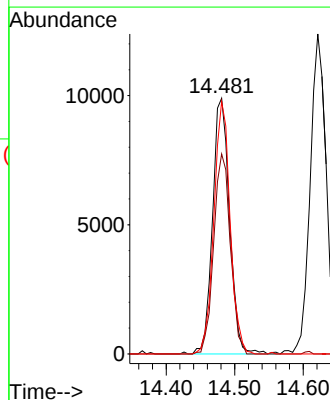
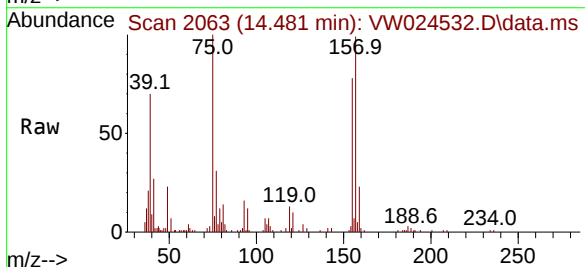
Tgt Ion: 75 Resp: 17117

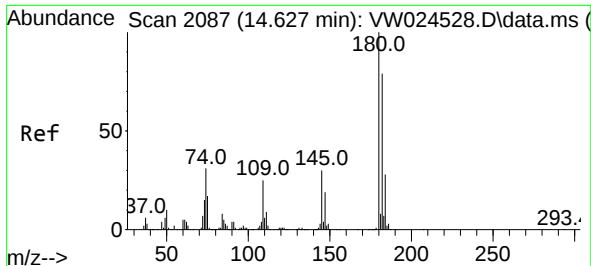
Ion Ratio Lower Upper

75 100

155 78.2 65.8 98.8

157 98.8 82.2 123.4

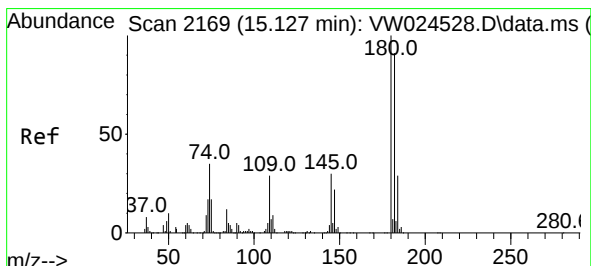
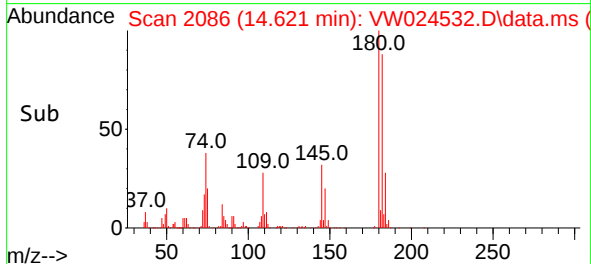
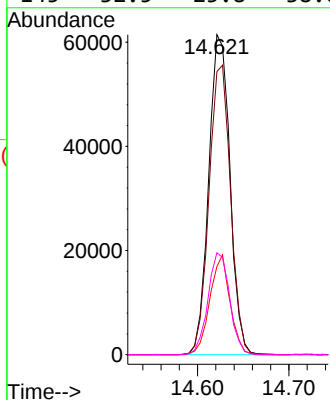
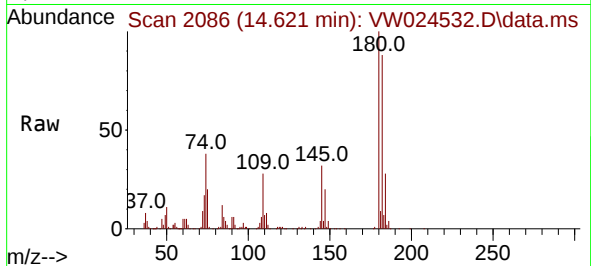




#69
 1,3,5-Trichlorobenzene
 Concen: 15.304 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW024532.D
 Acq: 02 Sep 2022 14:41

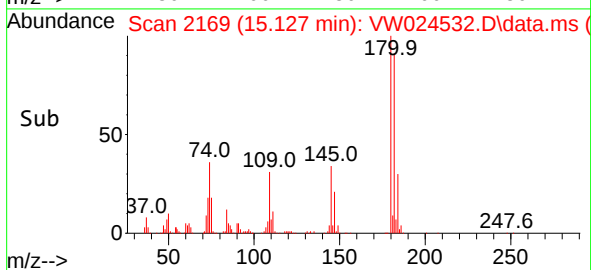
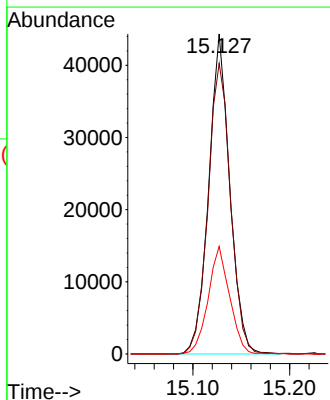
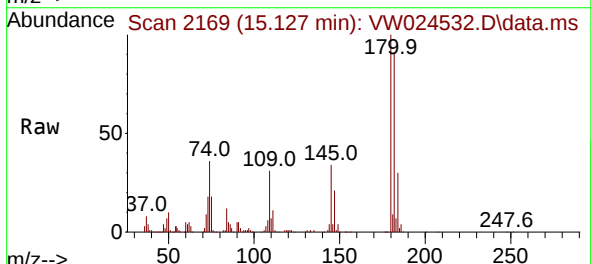
Instrument :
 MSVOA_W
 ClientSampleId :
 EW353MSD

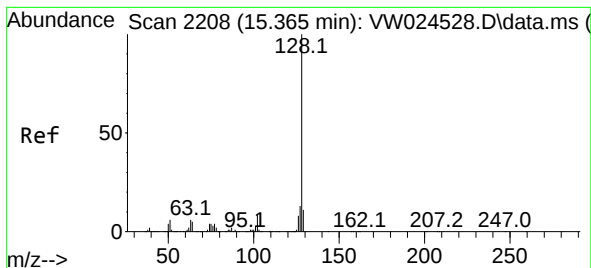
Tgt Ion:180	Resp:	99135
Ion Ratio	Lower	Upper
180	100	
182	92.0	75.0 112.4
184	29.6	23.7 35.5
145	32.5	25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 13.533 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024532.D
 Acq: 02 Sep 2022 14:41

Tgt Ion:180	Resp:	67032
Ion Ratio	Lower	Upper
180	100	
182	97.1	76.2 114.2
145	34.2	26.6 40.0





#71

Naphthalene

Concen: 17.328 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

Instrument :

MSVOA_W

ClientSampleId :

EW353MSD

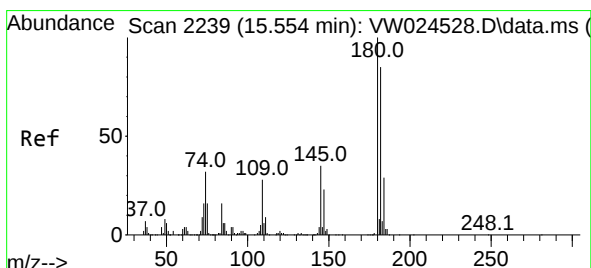
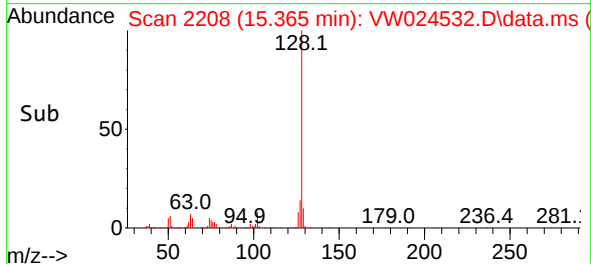
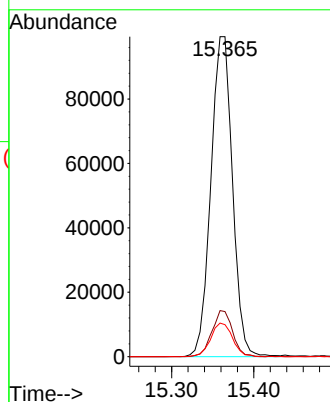
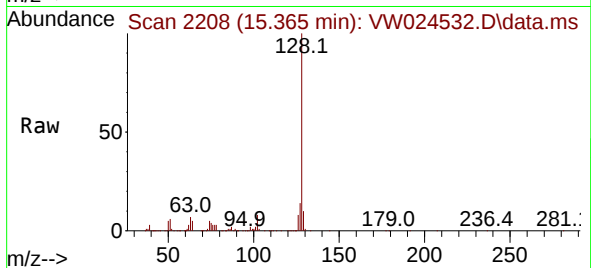
Tgt Ion:128 Resp: 181459

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

129 10.6 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 13.438 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024532.D

Acq: 02 Sep 2022 14:41

Tgt Ion:180 Resp: 60030

Ion Ratio Lower Upper

180 100

182 94.6 78.5 117.7

145 34.4 28.3 42.5

