

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024531.D
 Acq On : 02 Sep 2022 14:17
 Operator : SY/VA
 Sample : N4483-04MS
 Misc : 4.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW353MS

Quant Time: Sep 03 00:03:39 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	8.836	114	400094	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	366028	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	160439	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	214972	26.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.680%
7) Chloroethane-d5	2.873	69	158837	26.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.880%
11) 1,1-Dichloroethene-d2	4.013	63	218606	23.250	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.000%
21) 2-Butanone-d5	7.080	46	48984	38.899	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.800%
24) Chloroform-d	7.647	84	247125	23.196	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	8.305	65	132611	23.049	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	8.269	84	477538	25.010	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.040%
36) 1,2-Dichloropropane-d6	9.275	67	136868	24.498	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.000%
41) Toluene-d8	10.323	98	458028	25.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.760%
43) trans-1,3-Dichloroprop...	10.579	79	55717	22.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.440%
47) 2-Hexanone-d5	10.921	63	40368	42.183	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.360%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	113075	22.263	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	115769	22.058	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.002	85	32592	28.548	ug/L	98
3) Chloromethane	2.215	50	130864	23.490	ug/L	100
5) Vinyl chloride	2.349	62	223637	22.616	ug/L	98
6) Bromomethane	2.770	94	125554	18.719	ug/L	100
8) Chloroethane	2.910	64	124308	23.771	ug/L	97
9) Trichlorofluoromethane	3.245	101	126033	33.756	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	114046	20.386	ug/L #	85
12) 1,1-Dichloroethene	4.032	96	100906	20.421	ug/L	92
13) Acetone	4.123	43	34609	35.316	ug/L	97
14) Carbon disulfide	4.373	76	269169	19.817	ug/L	98
15) Methyl Acetate	4.666	43	36451	15.295	ug/L	98
16) Methylene chloride	4.910	84	121929	21.528	ug/L	96
17) trans-1,2-Dichloroethene	5.416	96	118497	21.624	ug/L	99
18) Methyl tert-butyl Ether	5.416	73	214631	22.595	ug/L	100
19) 1,1-Dichloroethane	6.214	63	216578	21.824	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	130797	21.977	ug/L	95
22) 2-Butanone	7.171	43	66881	41.740	ug/L	99
23) Bromochloromethane	7.513	128	59419	21.470	ug/L	84
25) Chloroform	7.671	83	239481	21.980	ug/L	95

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

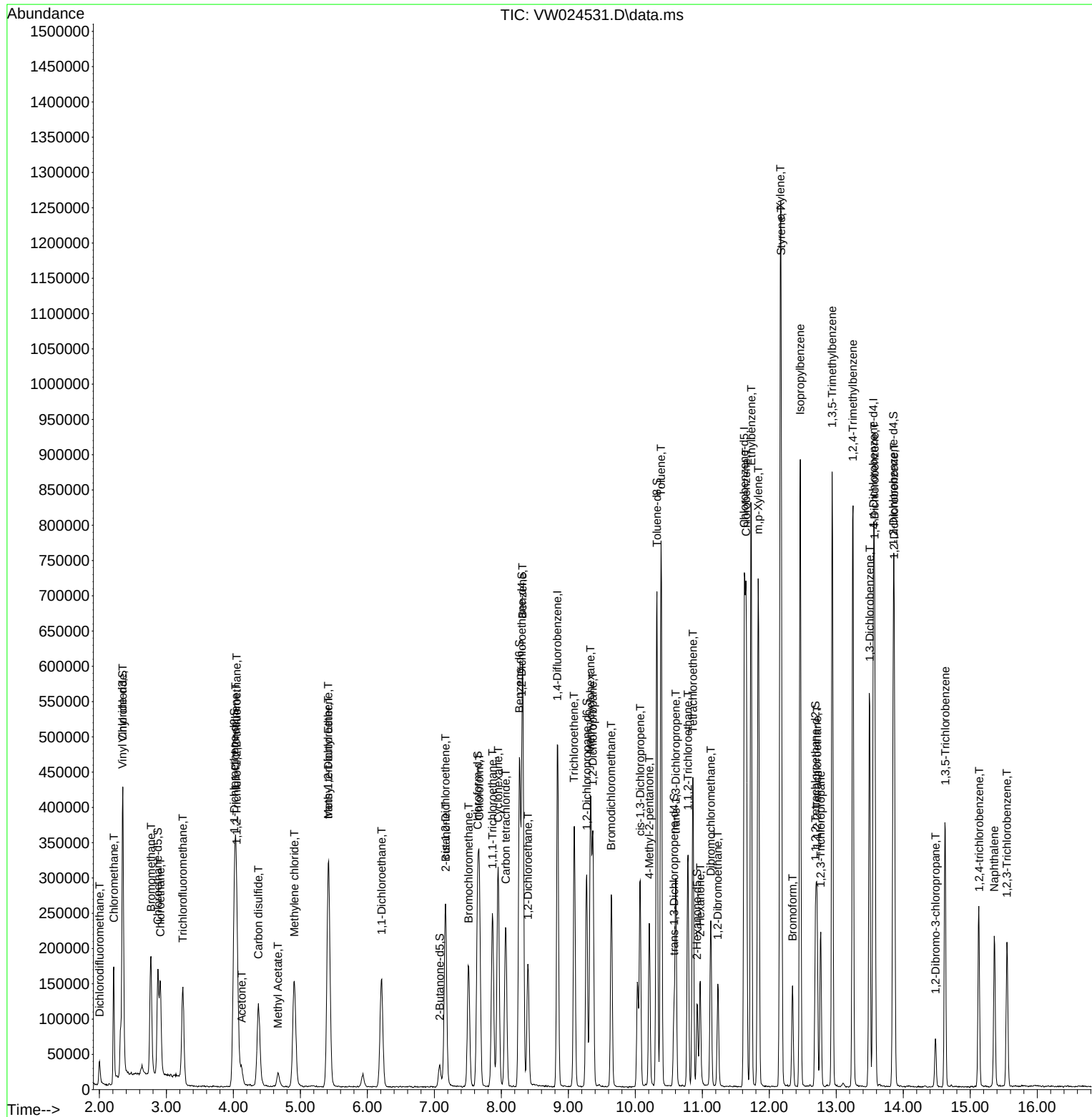
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	156341	21.845	ug/L	96
29) Cyclohexane	7.952	56	160963	21.180	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	191696	23.153	ug/L	98
31) Carbon tetrachloride	8.067	117	167874	22.362	ug/L	99
33) Benzene	8.317	78	507719	23.326	ug/L	100
34) Trichloroethene	9.086	95	126106	21.827	ug/L	99
35) Methylcyclohexane	9.329	83	168897	18.474	ug/L	99
37) 1,2-Dichloropropane	9.366	63	125386	23.906	ug/L	100
38) Bromodichloromethane	9.640	83	175212	23.633	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	167359	21.194	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	145317	44.551	ug/L	99
42) Toluene	10.384	91	554891	23.412	ug/L	92
44) trans-1,3-Dichloropropene	10.604	75	152411	21.517	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	101667	23.216	ug/L	97
46) Tetrachloroethene	10.860	164	88453	20.950	ug/L	93
48) 2-Hexanone	10.969	43	94096	43.359	ug/L	99
49) Dibromochloromethane	11.128	129	117710	22.877	ug/L	100
50) 1,2-Dibromoethane	11.232	107	92904	22.401	ug/L	92
51) Chlorobenzene	11.652	112	349466	21.727	ug/L	96
52) Ethylbenzene	11.731	91	590139	22.243	ug/L	98
53) m,p-Xylene	11.835	106	226815	21.860	ug/L	97
54) o-Xylene	12.164	106	222660	22.417	ug/L	95
55) Styrene	12.177	104	374790	21.723	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	118053	21.784	ug/L	96
59) Bromoform	12.347	173	58999	25.329	ug/L	98
60) Isopropylbenzene	12.463	105	562183	24.787	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86320	26.652	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	455065	24.322	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	449374	24.541	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	220005	21.777	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	227884	22.017	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	199473	21.386	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16659	22.725	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	107047	16.482	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	70897	14.275	ug/L	98
71) Naphthalene	15.359	128	178692	17.018	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	61006	13.620	ug/L	94

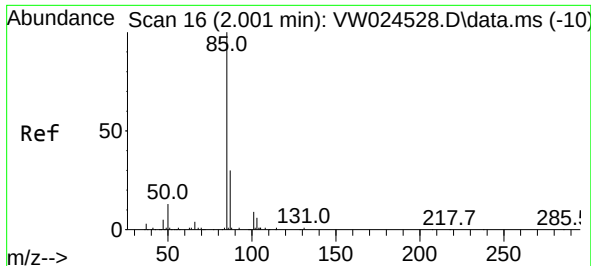
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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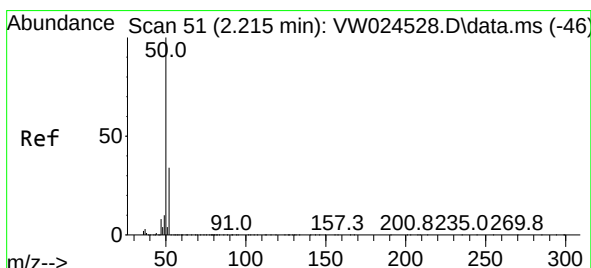
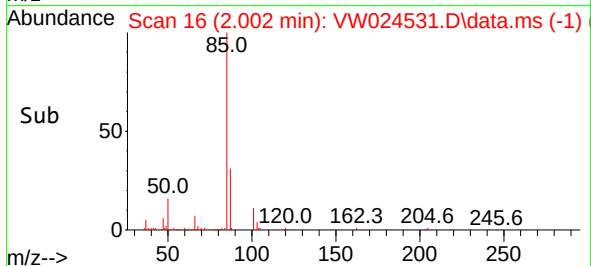
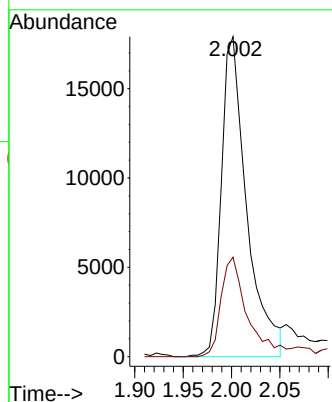
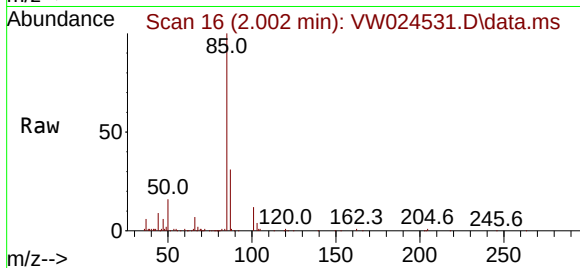




#2
Dichlorodifluoromethane
Concen: 28.548 ug/L
RT: 2.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024531.D
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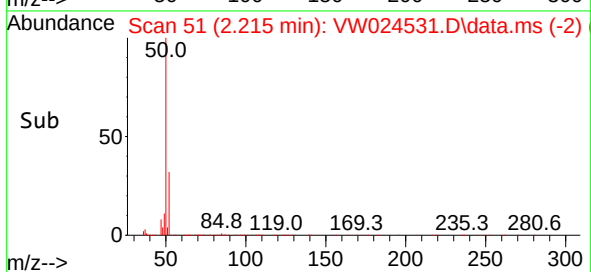
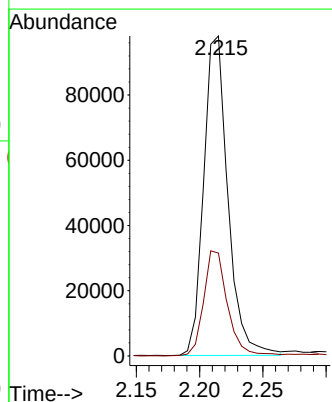
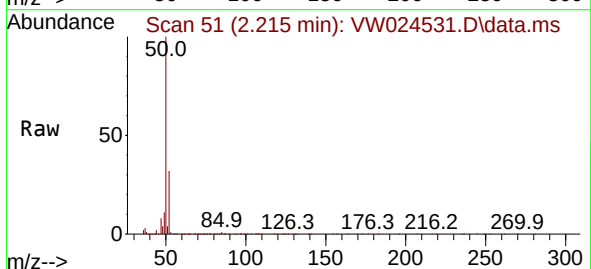
Instrument :
MSVOA_W
ClientSampleId :
EW353MS

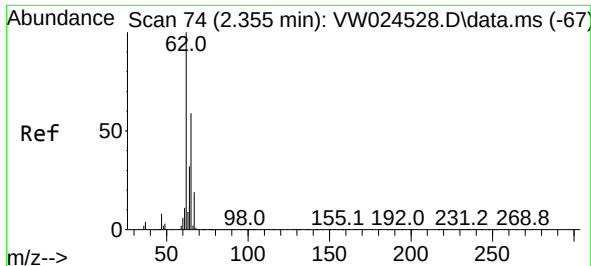
Tgt Ion: 85 Resp: 32592
Ion Ratio Lower Upper
85 100
87 32.2 25.0 37.6



#3
Chloromethane
Concen: 23.490 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Tgt Ion: 50 Resp: 130864
Ion Ratio Lower Upper
50 100
52 32.2 22.7 42.1

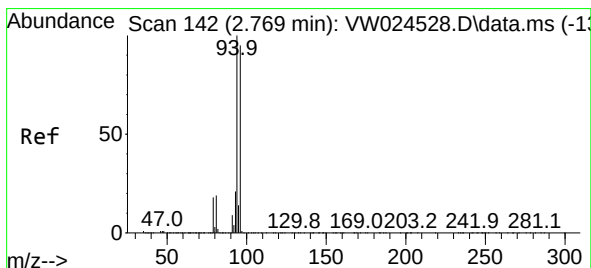
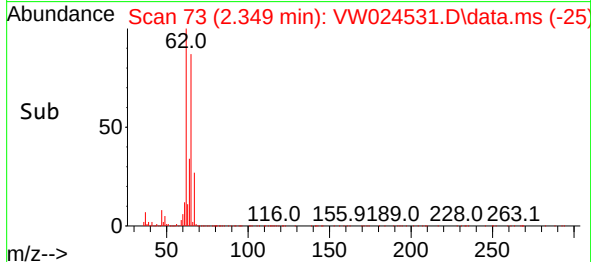
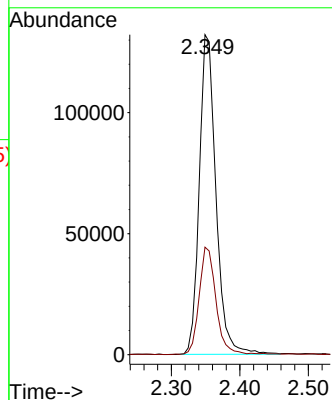
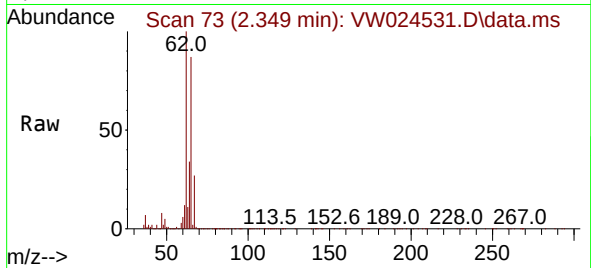




#5
 Vinyl chloride
 Concen: 22.616 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW024531.D
 Acq: 02 Sep 2022 14:17

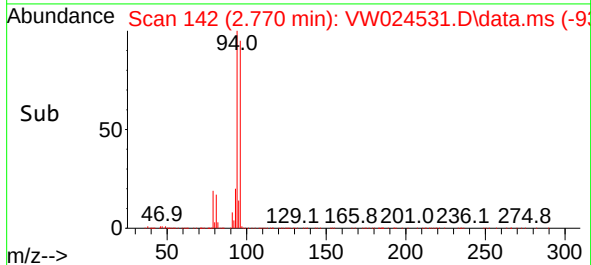
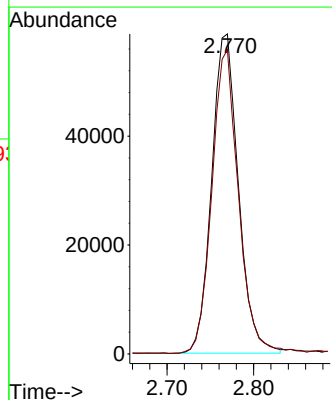
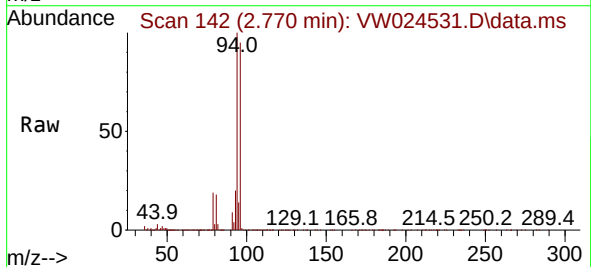
Instrument :
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 ClientSampleId :
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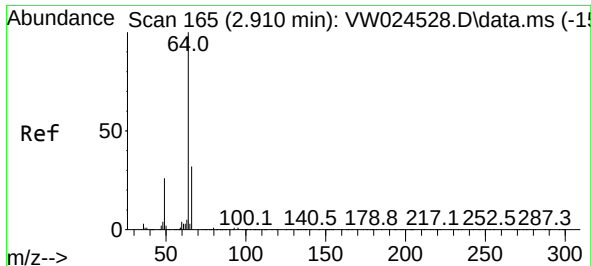
Tgt Ion: 62 Resp: 223637
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.9 42.5



#6
 Bromomethane
 Concen: 18.719 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW024531.D
 Acq: 02 Sep 2022 14:17

Tgt Ion: 94 Resp: 125554
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.8 124.2

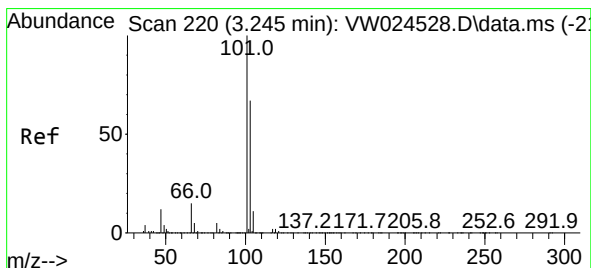
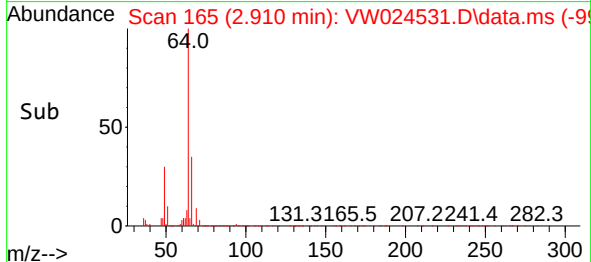
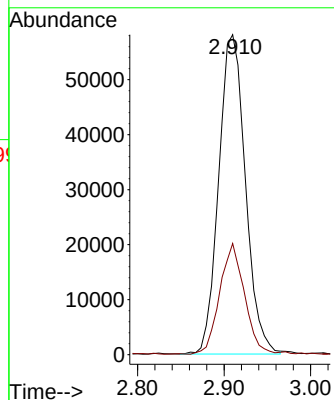
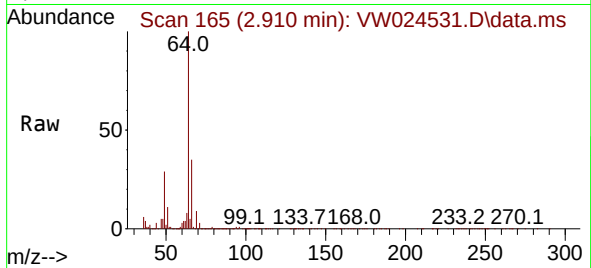




#8
Chloroethane
Concen: 23.771 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

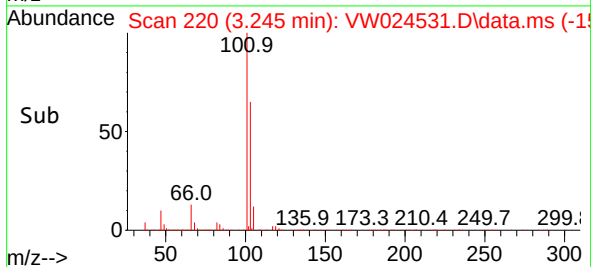
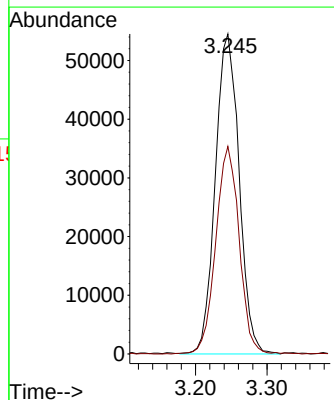
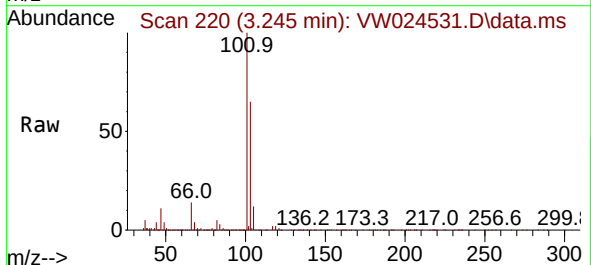
Instrument :
MSVOA_W
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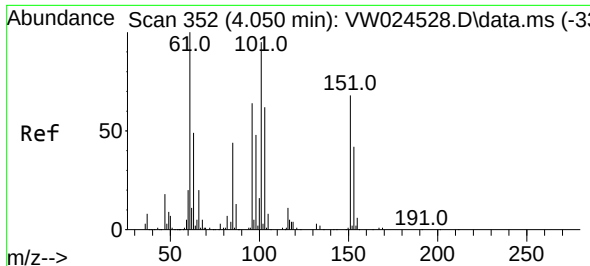
Tgt Ion: 64 Resp: 124308
Ion Ratio Lower Upper
64 100
66 34.7 23.2 43.0



#9
Trichlorofluoromethane
Concen: 33.756 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Tgt Ion: 101 Resp: 126033
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.6

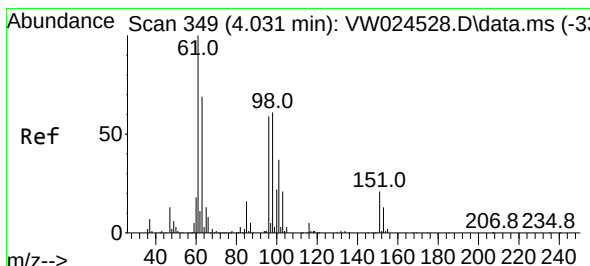
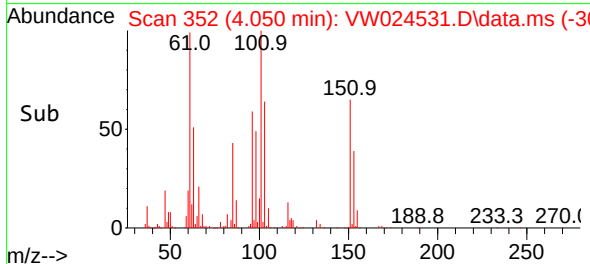
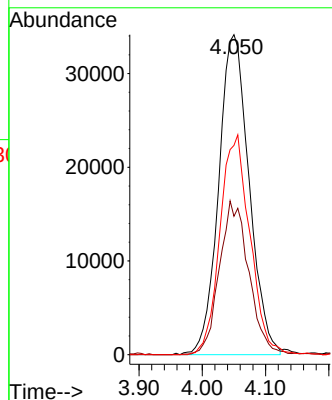
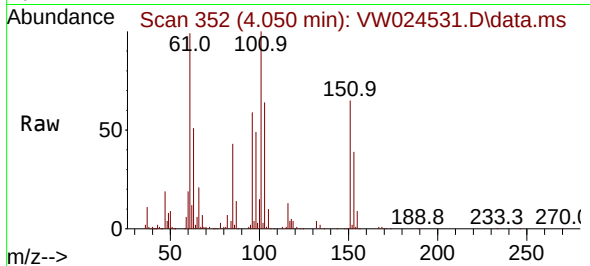




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.386 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024531.D
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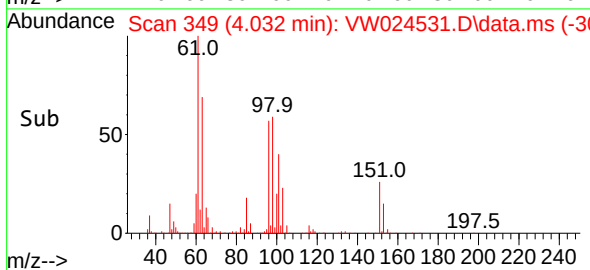
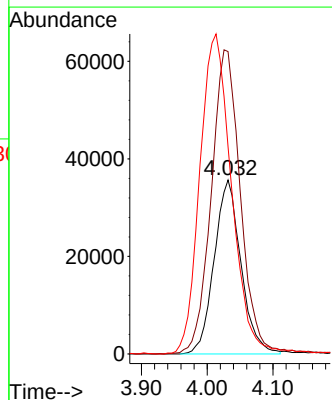
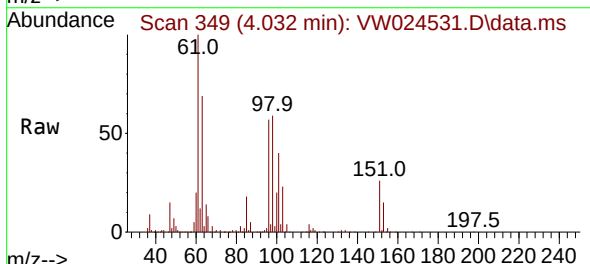
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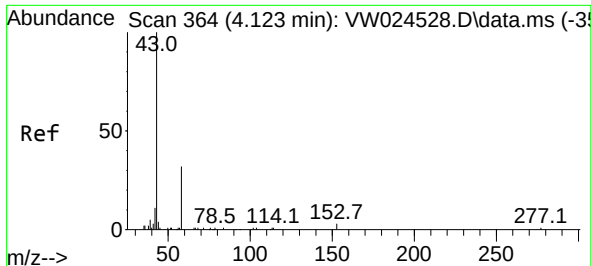
Tgt Ion:101 Resp: 114046
 Ion Ratio Lower Upper
 101 100
 85 24.6 37.1 55.7#
 151 67.7 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 20.421 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024531.D
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Tgt Ion: 96 Resp: 100906
 Ion Ratio Lower Upper
 96 100
 61 173.9 129.1 239.8
 63 119.3 90.2 167.4

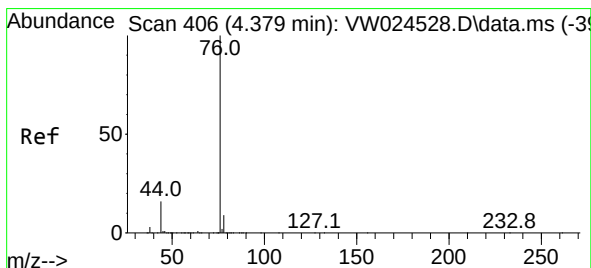
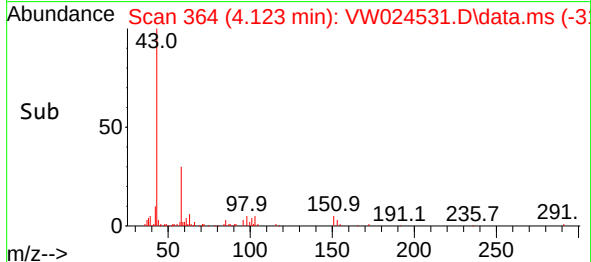
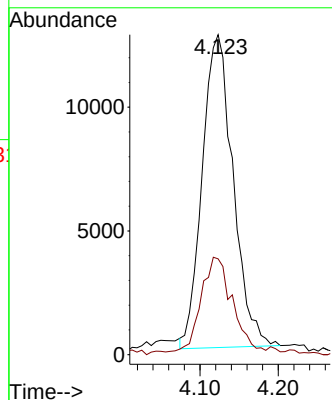
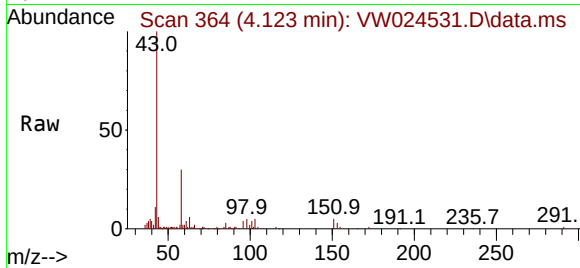




#13
Acetone
Concen: 35.316 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

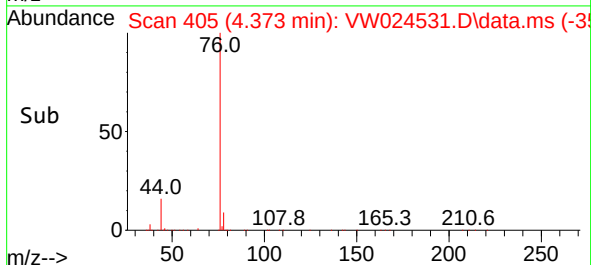
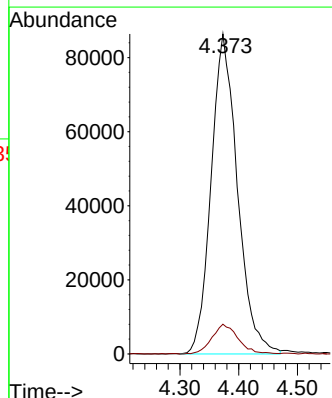
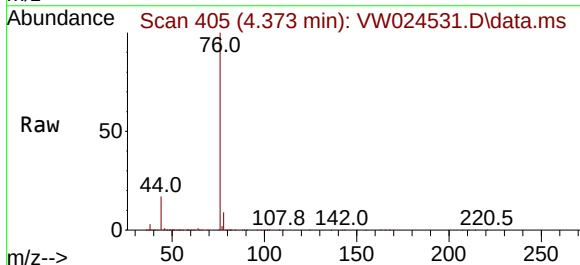
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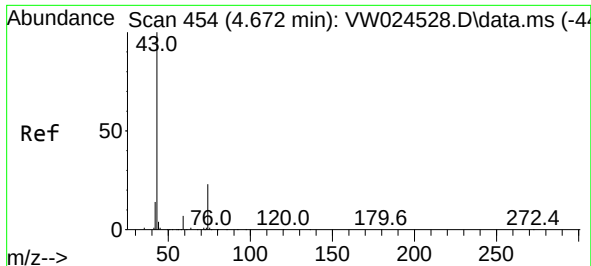
Tgt Ion: 43 Resp: 34609
Ion Ratio Lower Upper
43 100
58 31.8 0.0 59.8



#14
Carbon disulfide
Concen: 19.817 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 269169
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3

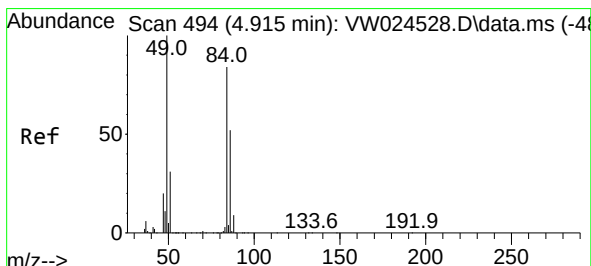
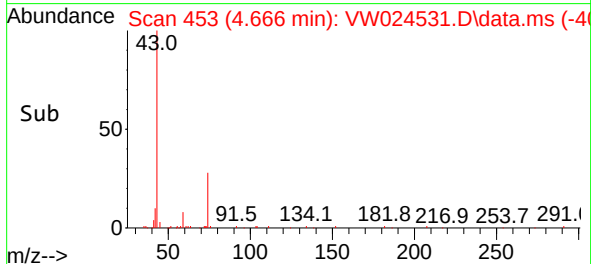
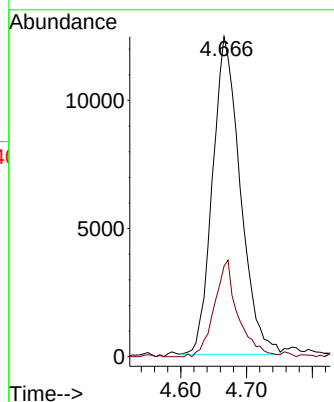
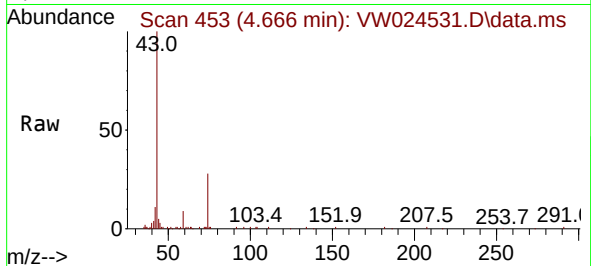




#15
Methyl Acetate
Concen: 15.295 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

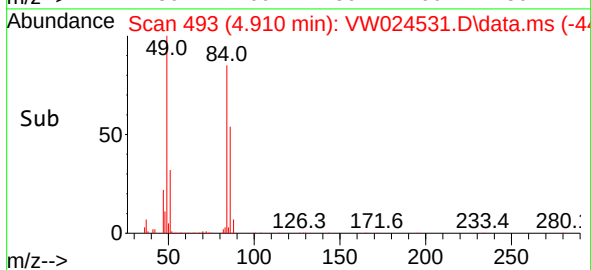
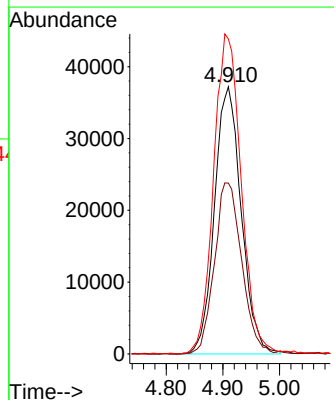
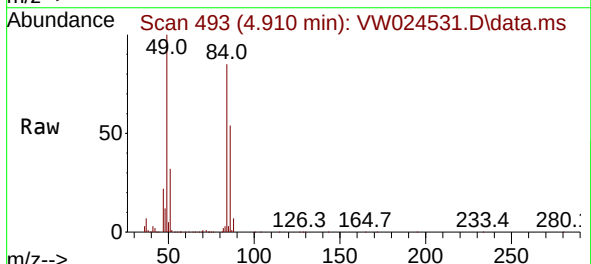
Instrument :
MSVOA_W
ClientSampleId :
EW353MS

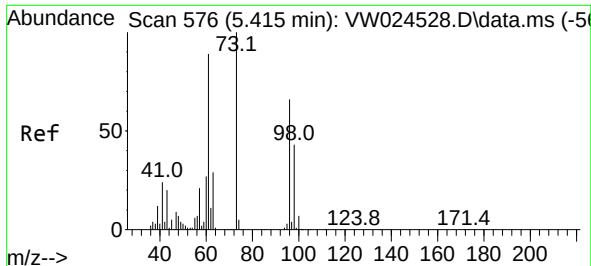
Tgt Ion: 43 Resp: 36451
Ion Ratio Lower Upper
43 100
74 25.6 19.5 29.3



#16
Methylene chloride
Concen: 21.528 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Tgt Ion: 84 Resp: 121929
Ion Ratio Lower Upper
84 100
86 63.9 42.1 78.1
49 117.9 85.5 158.9





#17

trans-1,2-Dichloroethene

Concen: 21.624 ug/L

RT: 5.416 min Scan# 576

Delta R.T. 0.000 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

EW353MS

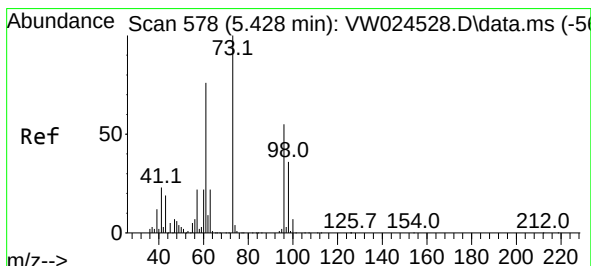
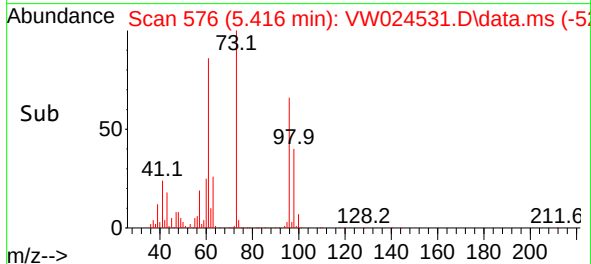
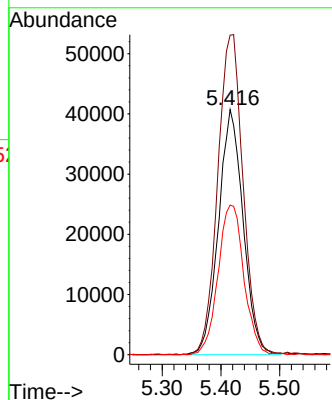
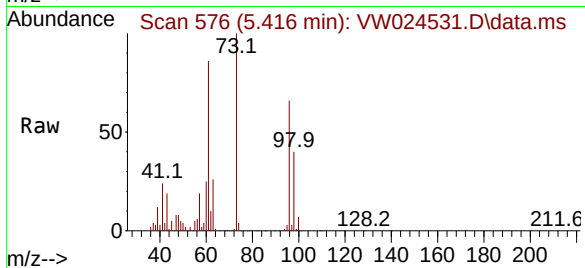
Tgt Ion: 96 Resp: 118497

Ion Ratio Lower Upper

96 100

61 130.3 90.0 167.2

98 61.0 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 22.595 ug/L

RT: 5.416 min Scan# 576

Delta R.T. -0.012 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

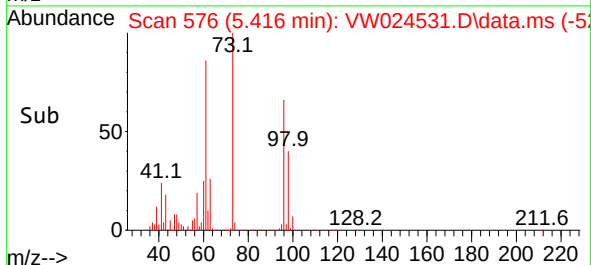
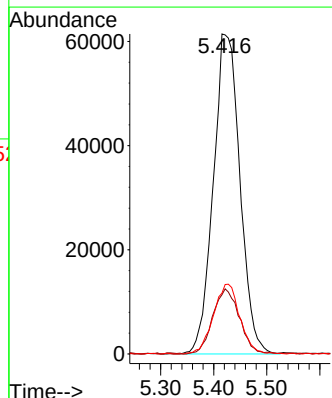
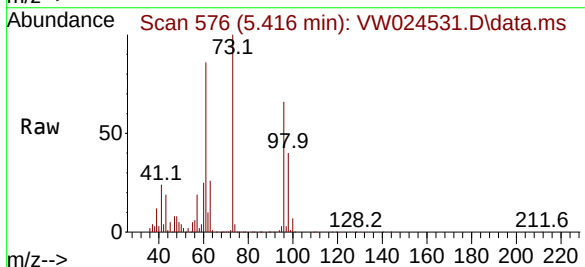
Tgt Ion: 73 Resp: 214631

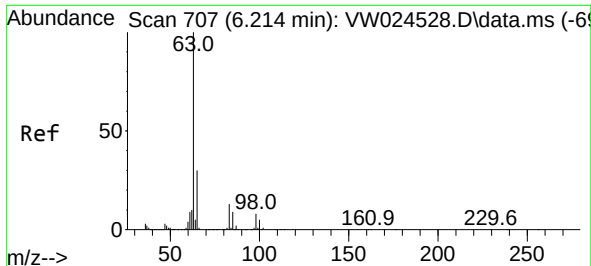
Ion Ratio Lower Upper

73 100

43 20.3 16.3 24.5

57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 21.824 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

EW353MS

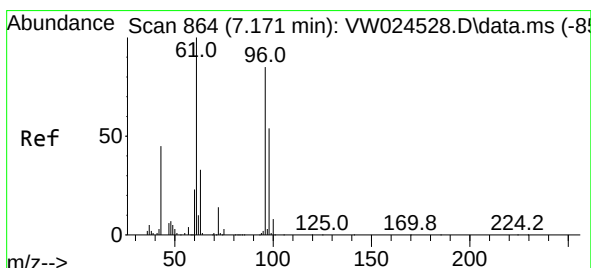
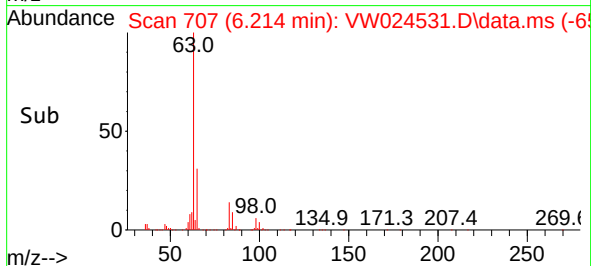
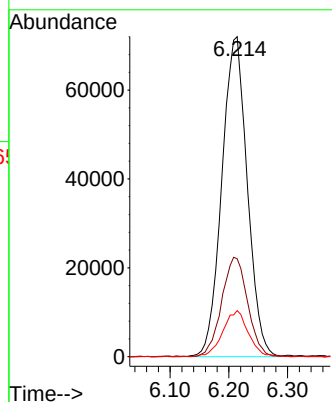
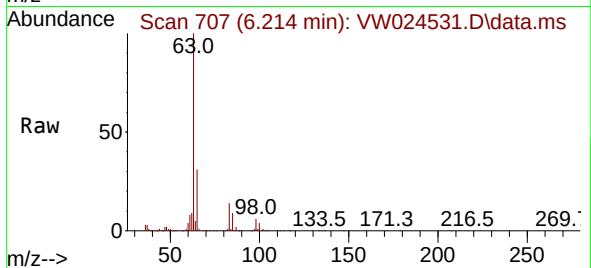
Tgt Ion: 63 Resp: 216578

Ion Ratio Lower Upper

63 100

65 30.6 21.5 39.9

83 14.4 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 21.977 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

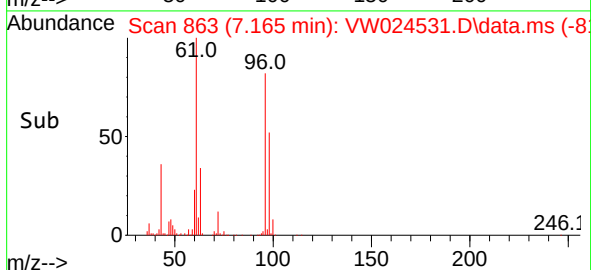
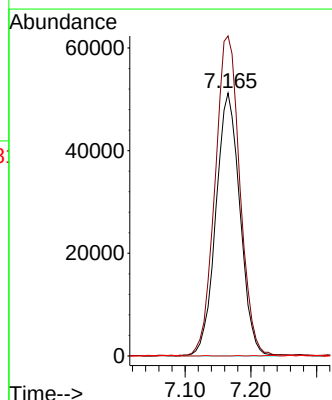
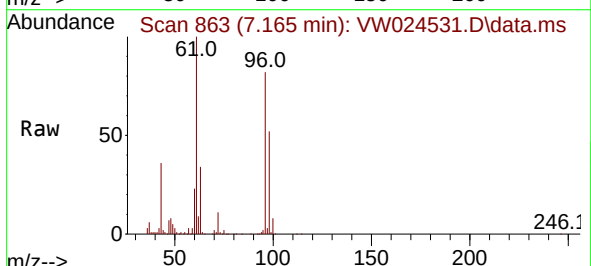
Tgt Ion: 96 Resp: 130797

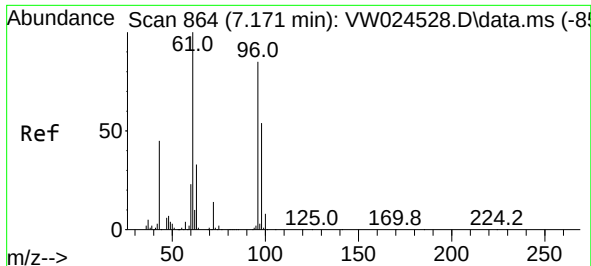
Ion Ratio Lower Upper

96 100

61 121.7 88.9 165.1

68 0.0 0.0 0.0

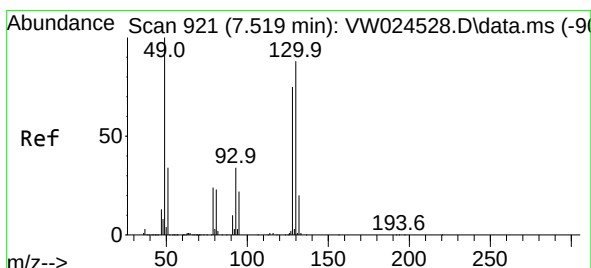
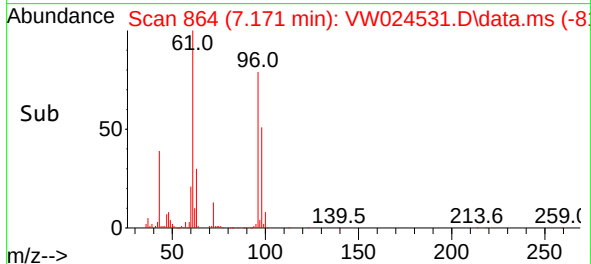
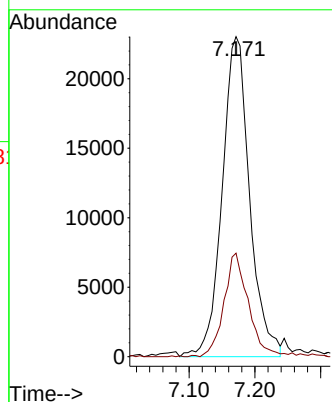
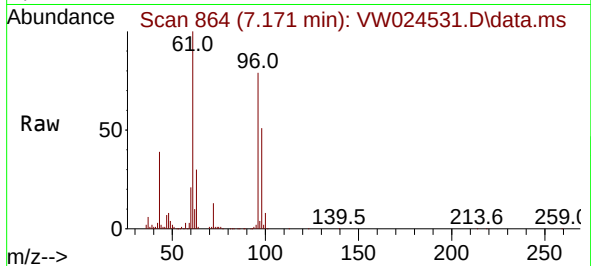




#22
2-Butanone
Concen: 41.740 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

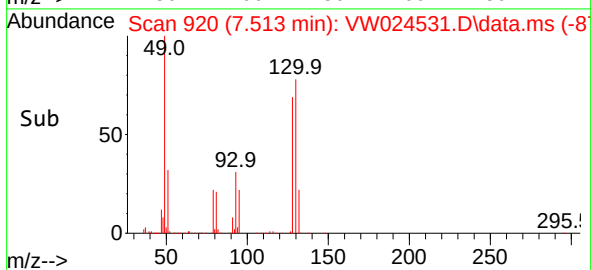
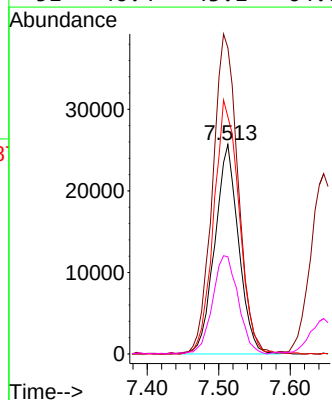
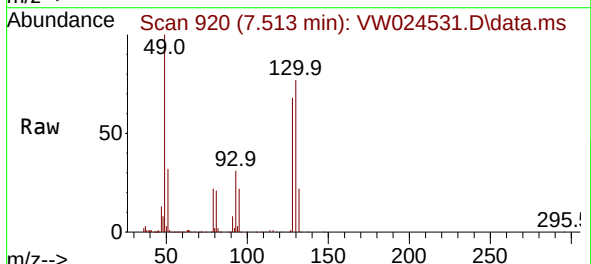
Instrument :
MSVOA_W
ClientSampleId :
EW353MS

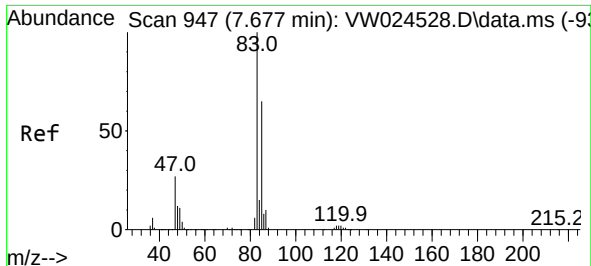
Tgt Ion: 43 Resp: 66881
Ion Ratio Lower Upper
43 100
72 28.6 14.5 43.6



#23
Bromochloromethane
Concen: 21.470 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Tgt Ion: 128 Resp: 59419
Ion Ratio Lower Upper
128 100
49 146.2 118.2 219.6
130 113.3 94.8 176.2
51 46.4 43.1 64.7

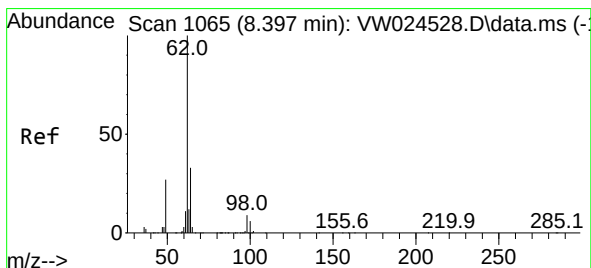
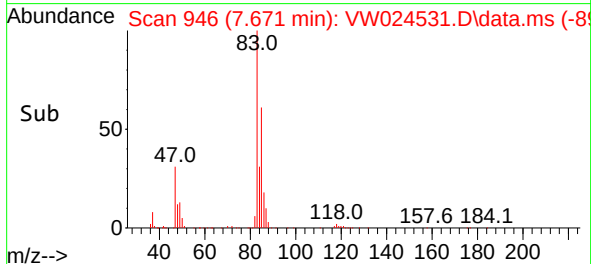
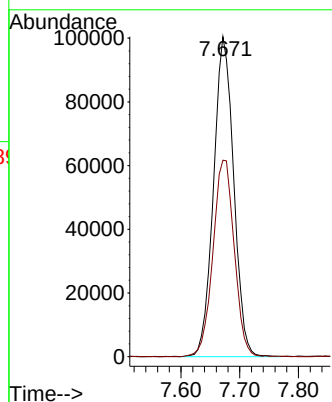
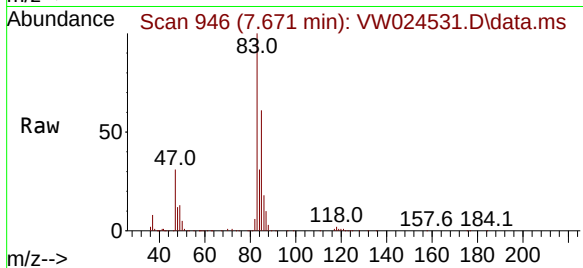




#25
Chloroform
Concen: 21.980 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

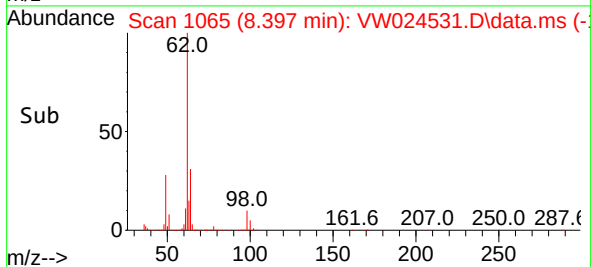
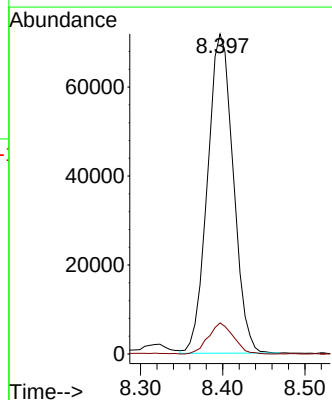
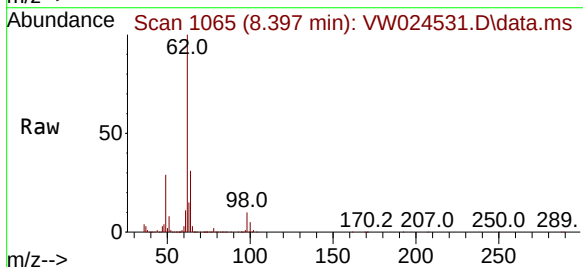
Instrument :
MSVOA_W
ClientSampleId :
EW353MS

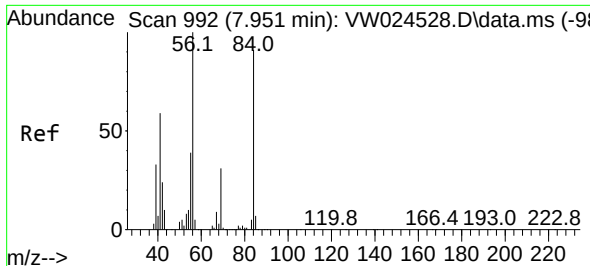
Tgt Ion: 83 Resp: 239481
Ion Ratio Lower Upper
83 100
85 61.4 45.6 84.8



#27
1,2-Dichloroethane
Concen: 21.845 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

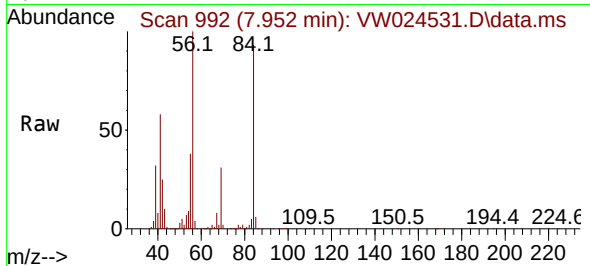
Tgt Ion: 62 Resp: 156341
Ion Ratio Lower Upper
62 100
98 9.7 6.7 10.1



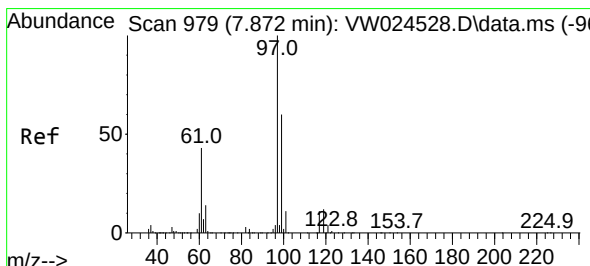
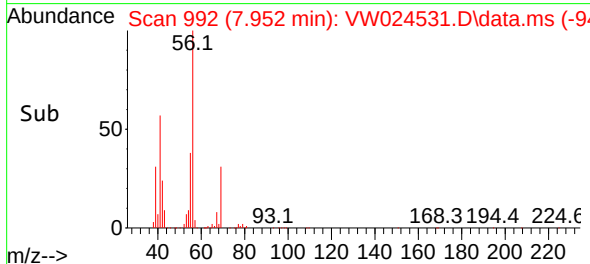
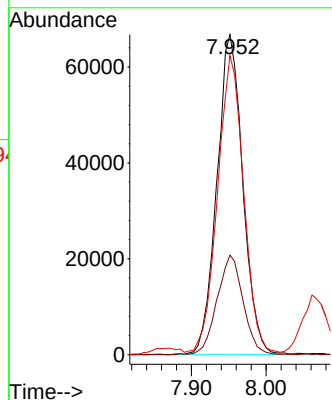


#29
Cyclohexane
Concen: 21.180 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Instrument :
MSVOA_W
ClientSampleId :
EW353MS

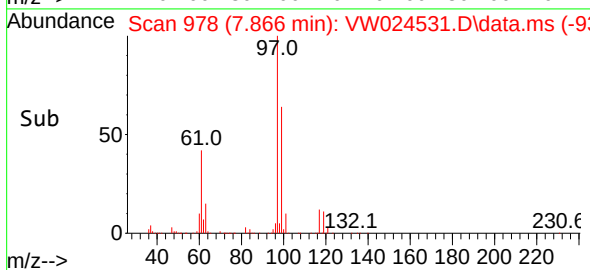
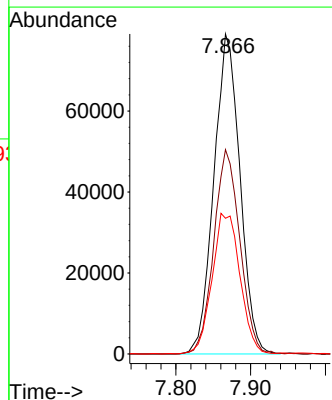
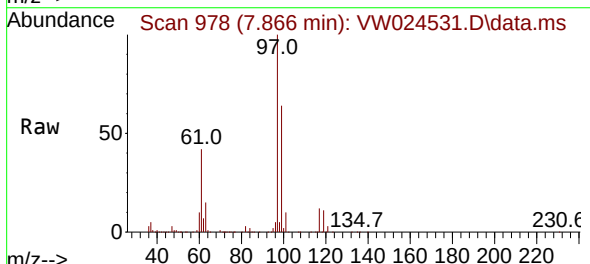


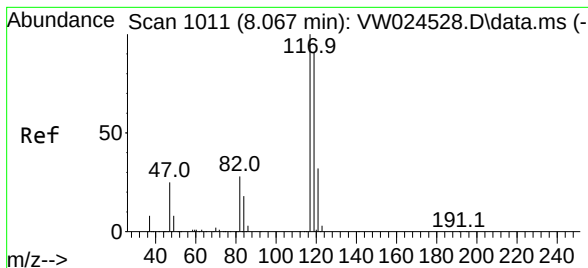
Tgt Ion: 56 Resp: 160963
Ion Ratio Lower Upper
56 100
69 31.1 24.8 37.2
84 94.7 77.3 115.9



#30
1,1,1-Trichloroethane
Concen: 23.153 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Tgt Ion: 97 Resp: 191696
Ion Ratio Lower Upper
97 100
99 63.6 52.5 78.7
61 47.0 37.9 56.9

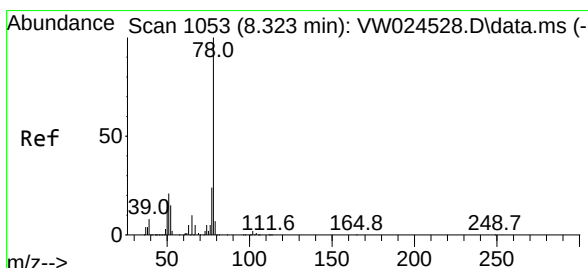
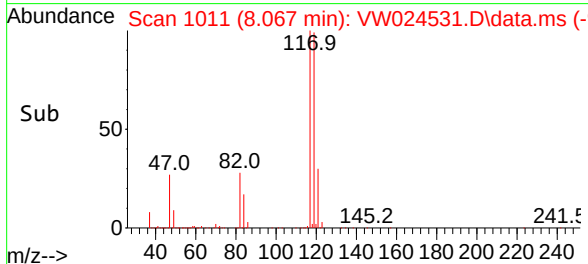
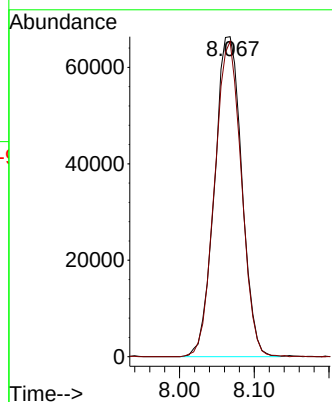
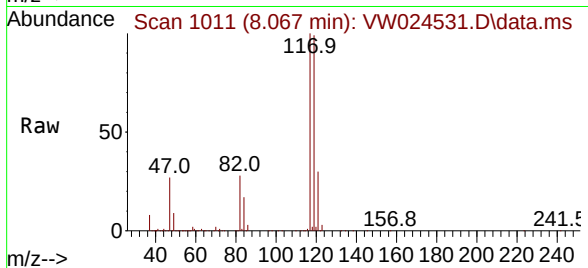




#31
Carbon tetrachloride
Concen: 22.362 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

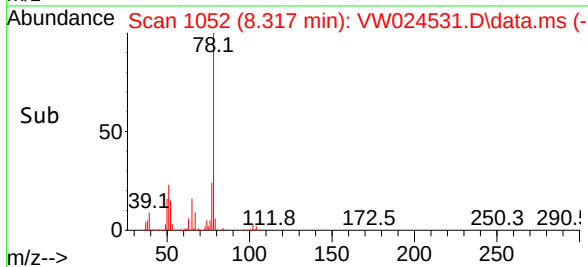
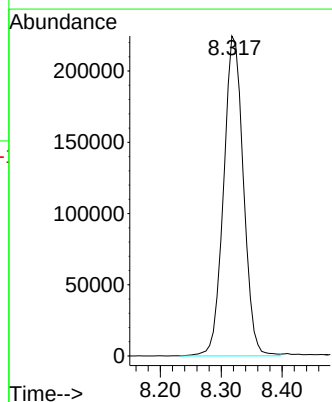
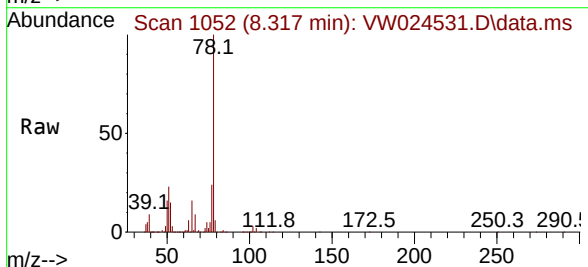
Instrument :
MSVOA_W
ClientSampleId :
EW353MS

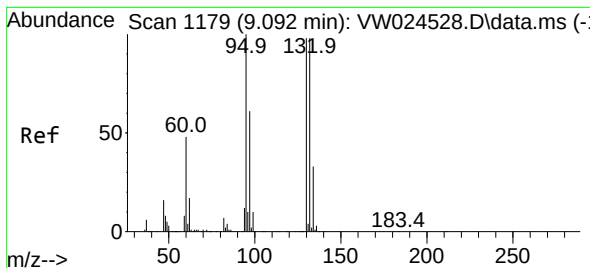
Tgt Ion:117 Resp: 167874
Ion Ratio Lower Upper
117 100
119 96.6 78.1 117.1



#33
Benzene
Concen: 23.326 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Tgt Ion: 78 Resp: 507719





#34

Trichloroethene

Concen: 21.827 ug/L

RT: 9.086 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

EW353MS

Tgt Ion: 95 Resp: 126106

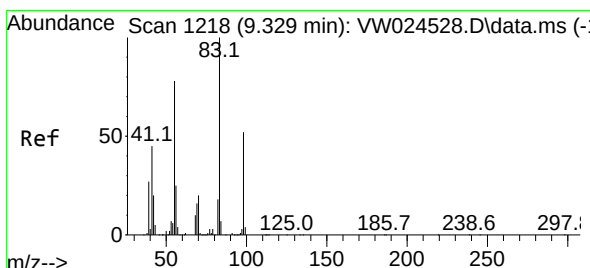
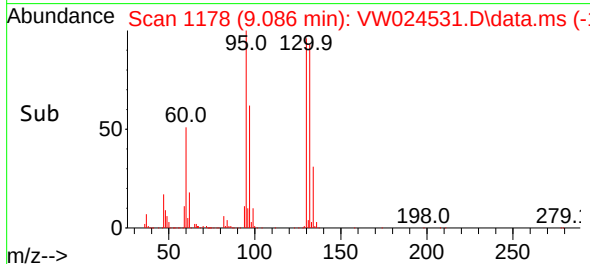
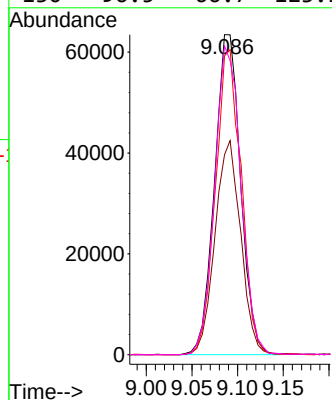
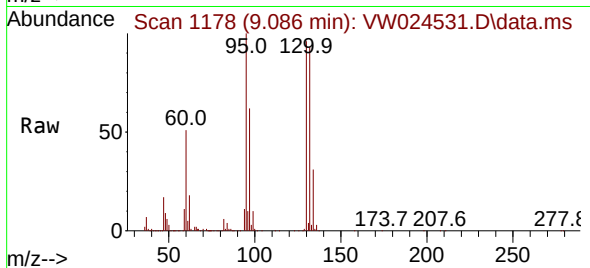
Ion Ratio Lower Upper

95 100

97 62.5 44.2 82.2

132 93.3 64.5 119.7

130 96.5 66.7 123.9



#35

Methylcyclohexane

Concen: 18.474 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

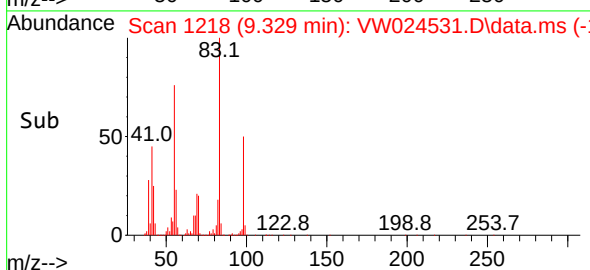
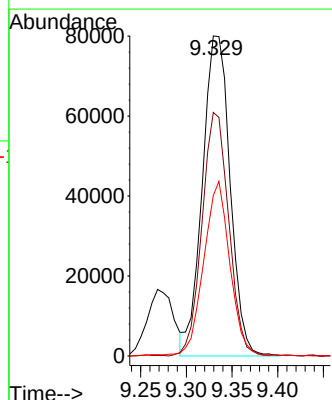
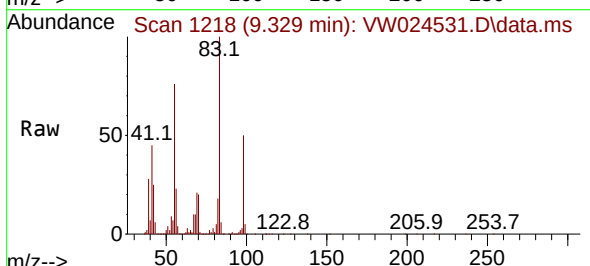
Tgt Ion: 83 Resp: 168897

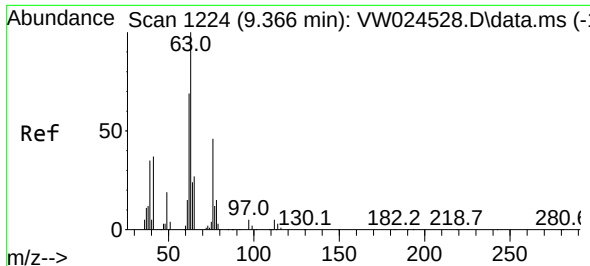
Ion Ratio Lower Upper

83 100

55 73.1 58.9 88.3

98 51.3 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.906 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

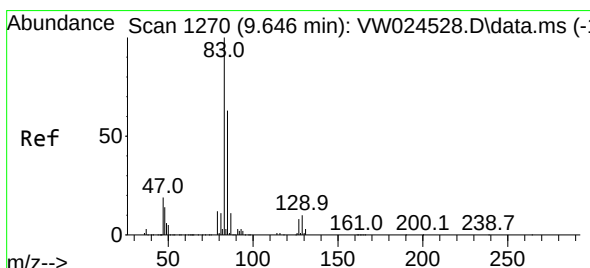
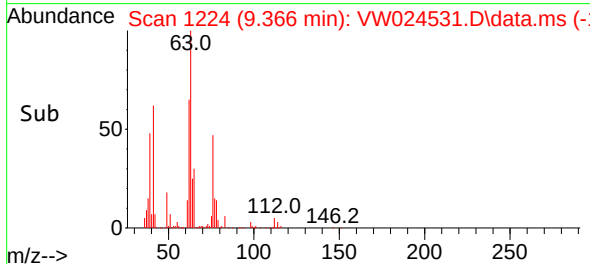
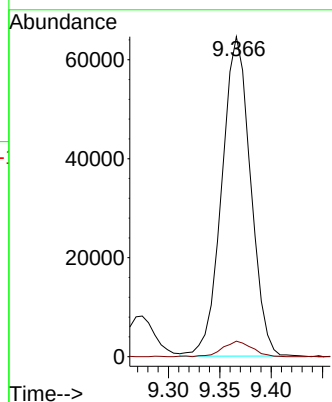
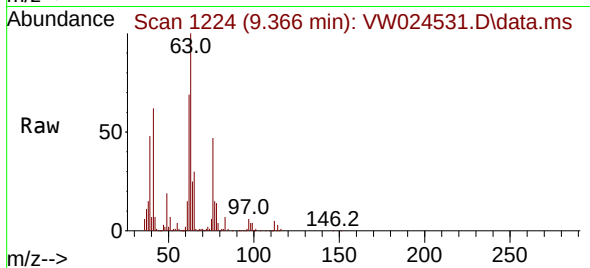
EW353MS

Tgt Ion: 63 Resp: 125386

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 23.633 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

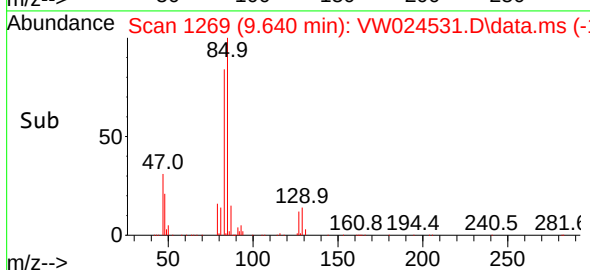
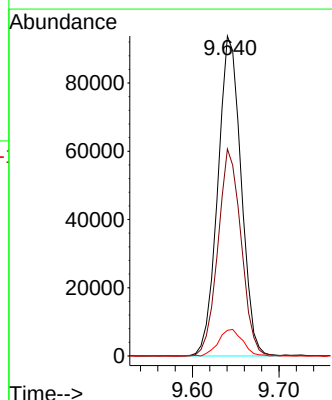
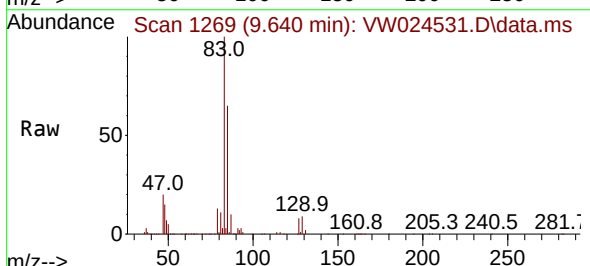
Tgt Ion: 83 Resp: 175212

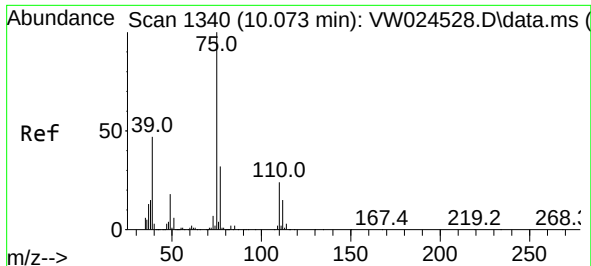
Ion Ratio Lower Upper

83 100

85 64.7 46.3 85.9

127 8.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 21.194 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

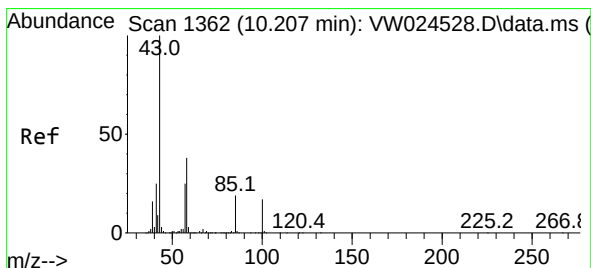
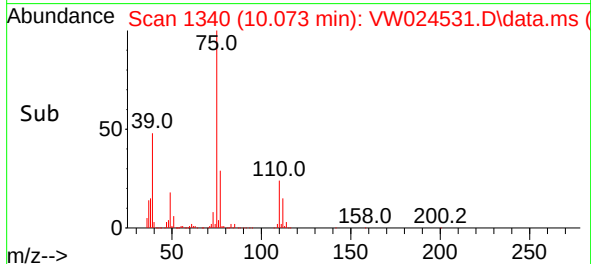
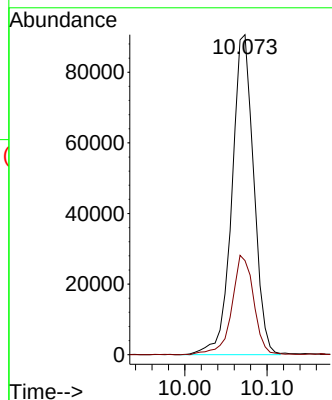
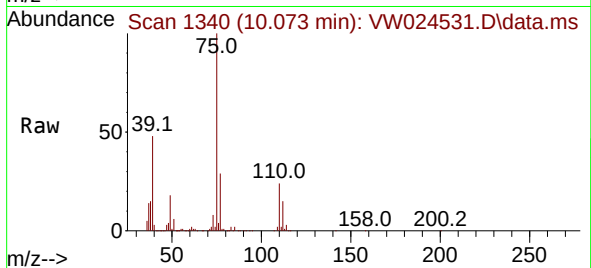
EW353MS

Tgt Ion: 75 Resp: 167359

Ion Ratio Lower Upper

75 100

77 29.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 44.551 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

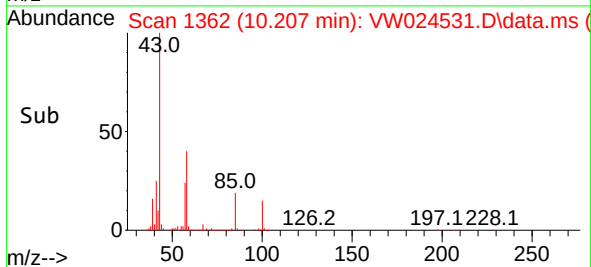
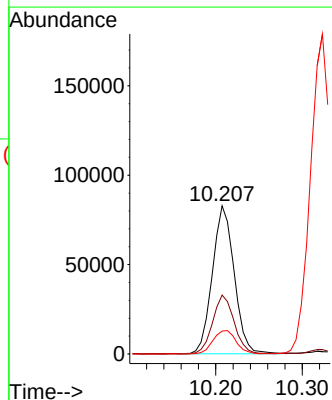
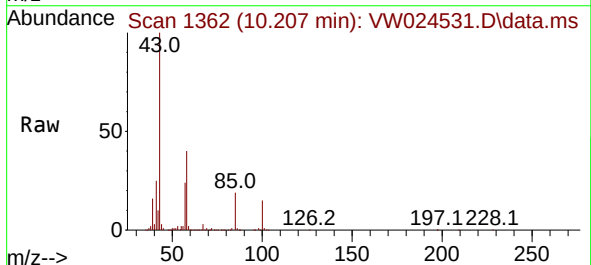
Tgt Ion: 43 Resp: 145317

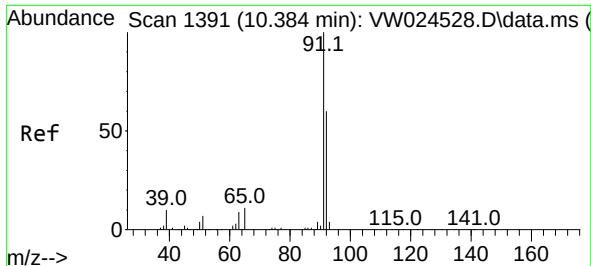
Ion Ratio Lower Upper

43 100

58 39.3 31.8 47.8

100 16.7 13.5 20.3

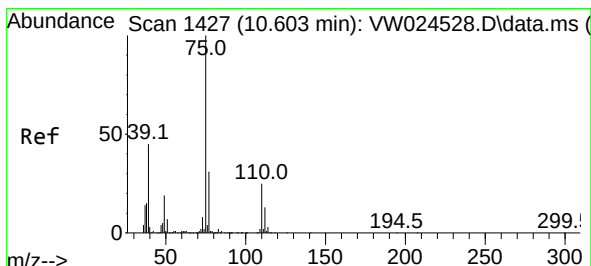
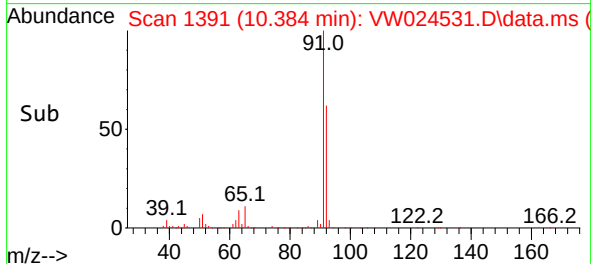
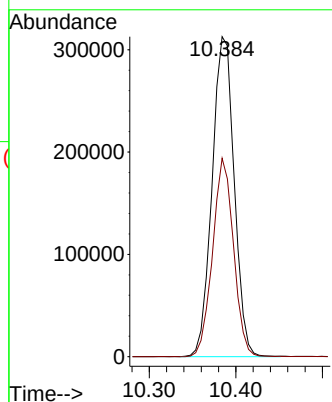
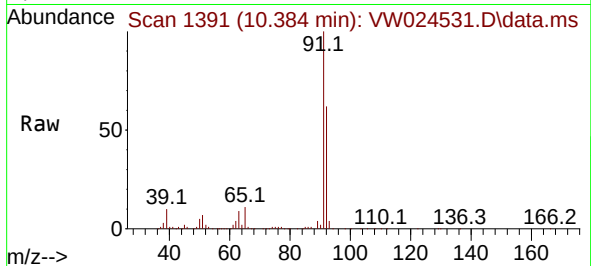




#42
Toluene
Concen: 23.412 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

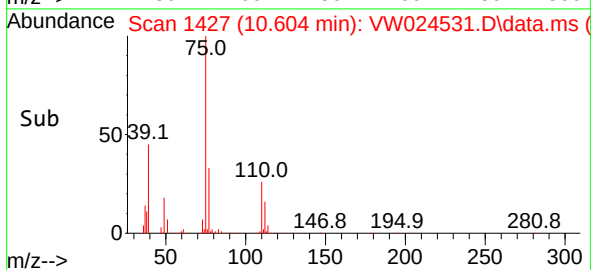
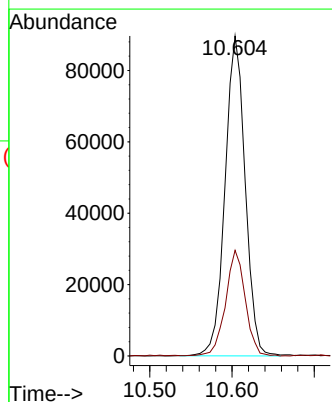
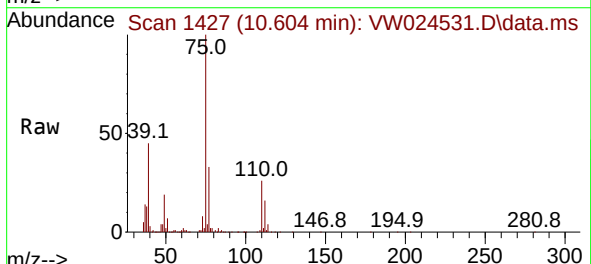
Instrument :
MSVOA_W
ClientSampleId :
EW353MS

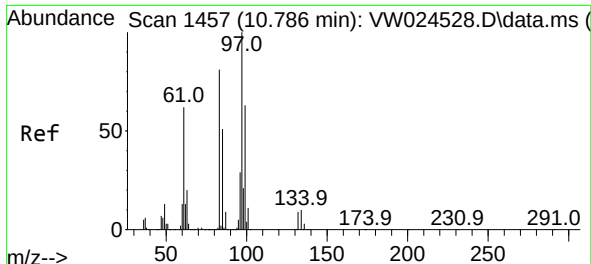
Tgt Ion: 91 Resp: 554891
Ion Ratio Lower Upper
91 100
92 62.0 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 21.517 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Tgt Ion: 75 Resp: 152411
Ion Ratio Lower Upper
75 100
77 33.0 22.3 41.5



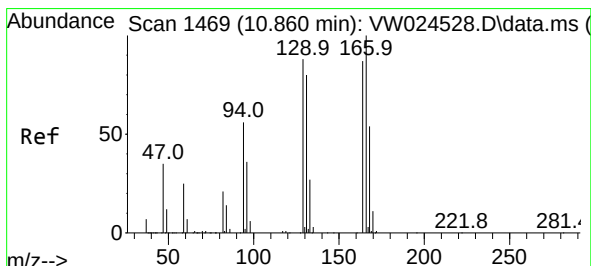
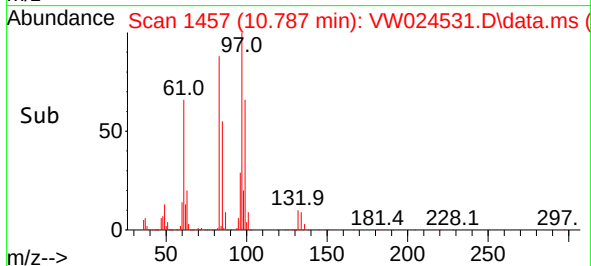
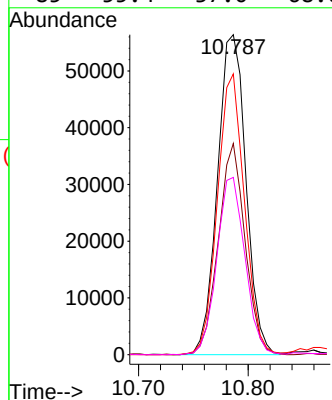
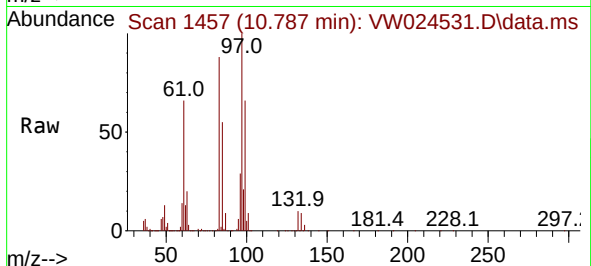


#45
1,1,2-Trichloroethane
Concen: 23.216 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Instrument :
MSVOA_W
ClientSampleId :
EW353MS

Tgt Ion: 97 Resp: 101667

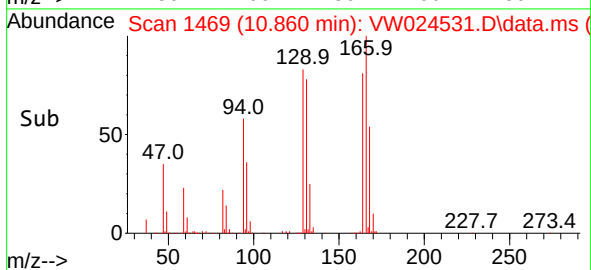
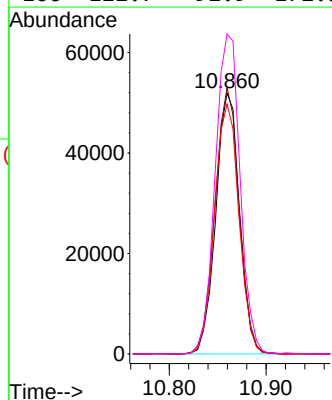
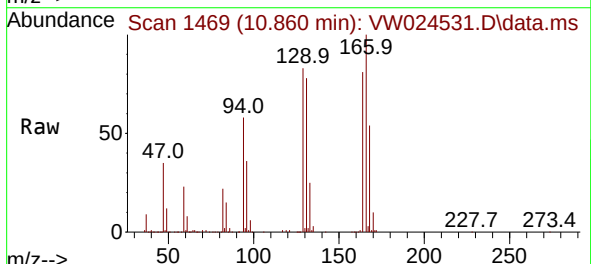
Ion	Ratio	Lower	Upper
97	100		
99	66.0	45.7	84.9
83	87.8	58.5	108.7
85	55.4	37.0	68.6

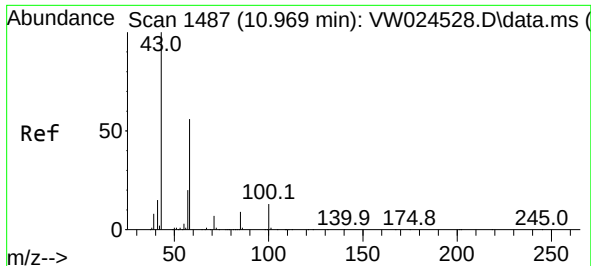


#46
Tetrachloroethene
Concen: 20.950 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Tgt Ion: 164 Resp: 88453

Ion	Ratio	Lower	Upper
164	100		
129	102.1	74.9	139.1
131	95.8	73.6	136.6
166	122.7	92.9	172.5

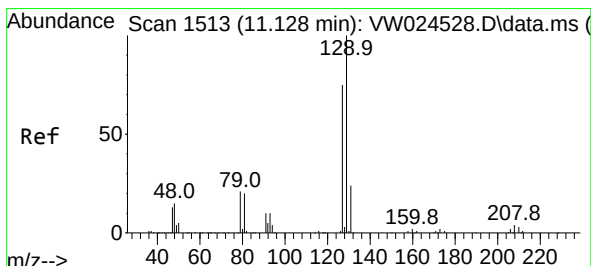
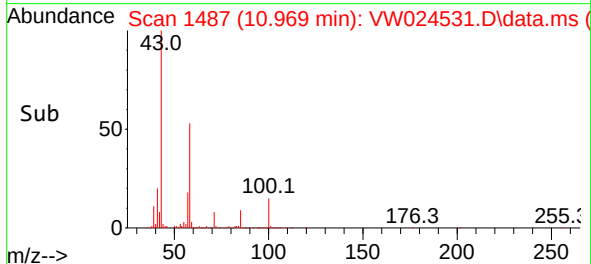
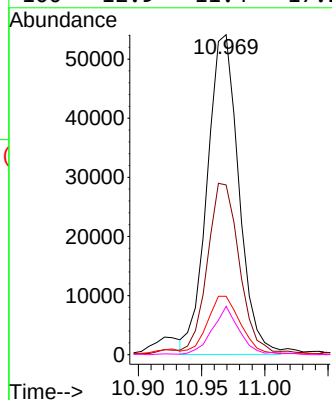
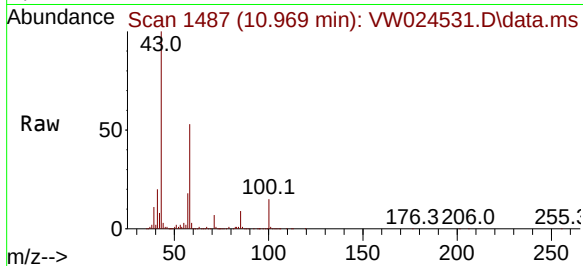




#48
2-Hexanone
Concen: 43.359 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

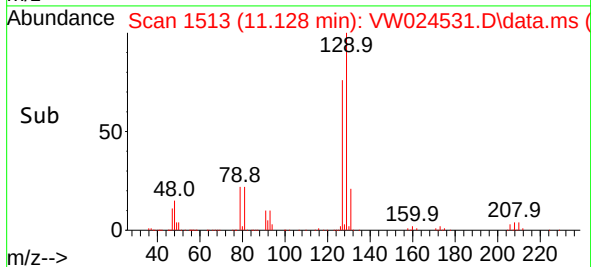
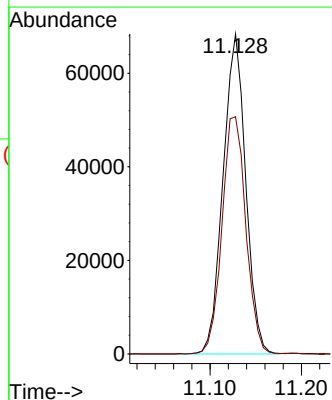
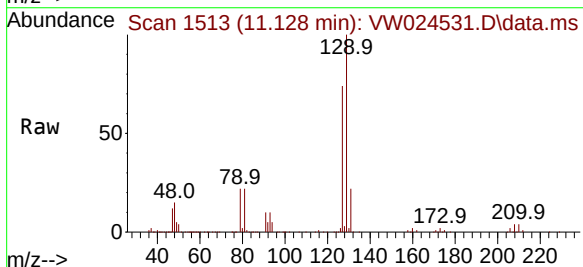
Instrument :
MSVOA_W
ClientSampleId :
EW353MS

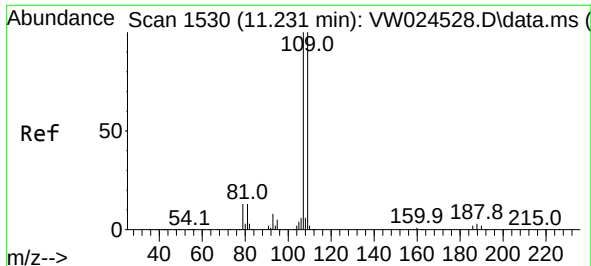
Tgt Ion:	43	Resp:	94096
Ion	Ratio	Lower	Upper
43	100		
58	54.4	44.2	66.2
57	19.7	15.5	23.3
100	12.9	11.4	17.2



#49
Dibromochloromethane
Concen: 22.877 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Tgt Ion:	129	Resp:	117710
Ion	Ratio	Lower	Upper
129	100		
127	74.1	51.7	96.1

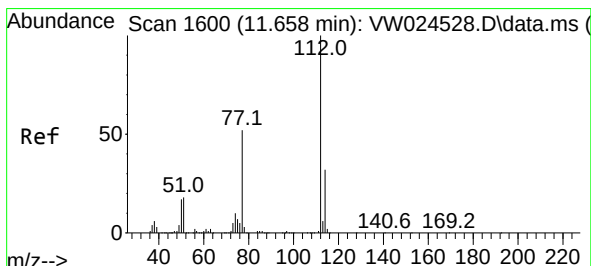
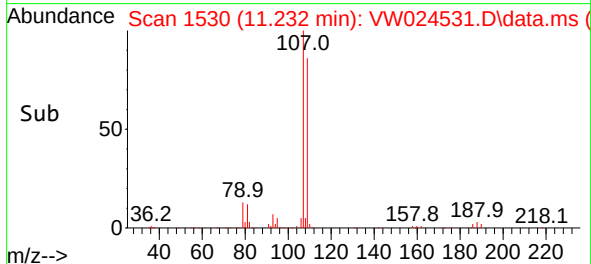
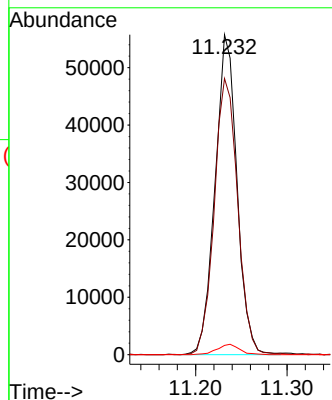
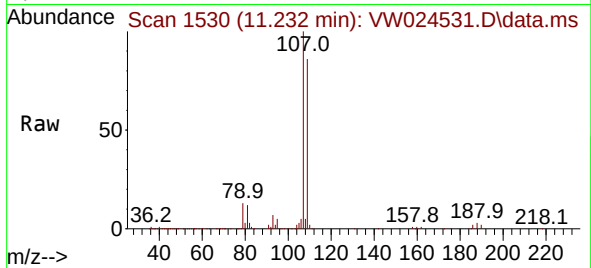




#50
1,2-Dibromoethane
Concen: 22.401 ug/L
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

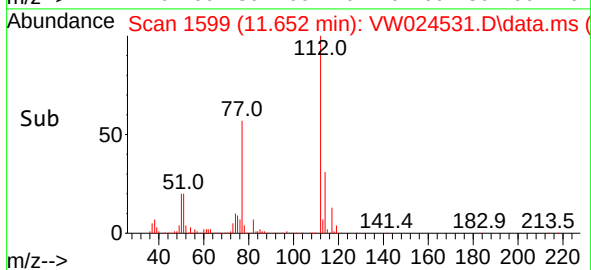
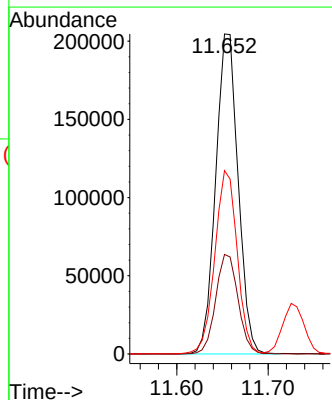
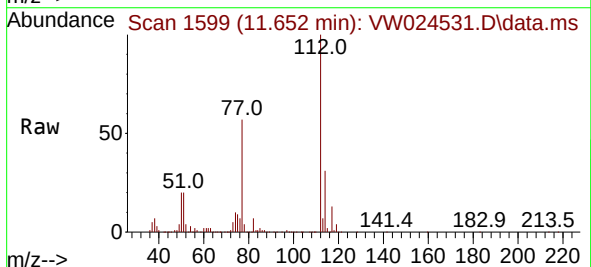
Instrument :
MSVOA_W
ClientSampleId :
EW353MS

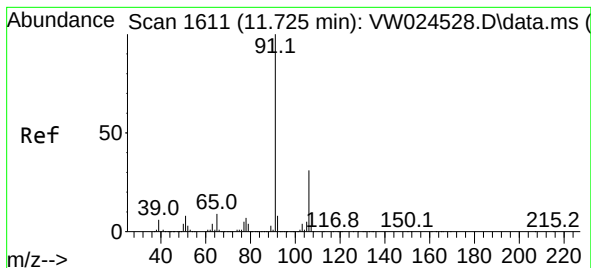
Tgt Ion:107 Resp: 92904
Ion Ratio Lower Upper
107 100
109 86.3 65.9 122.5
188 2.9 2.5 3.7



#51
Chlorobenzene
Concen: 21.727 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Tgt Ion:112 Resp: 349466
Ion Ratio Lower Upper
112 100
114 31.1 22.9 42.5
77 57.3 43.5 65.3





#52

Ethylbenzene

Concen: 22.243 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

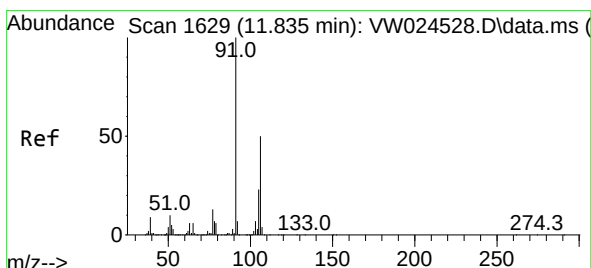
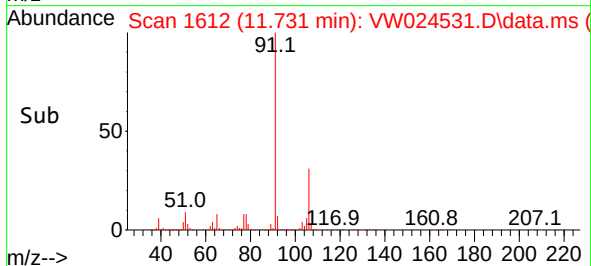
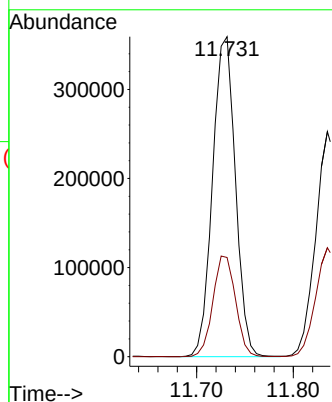
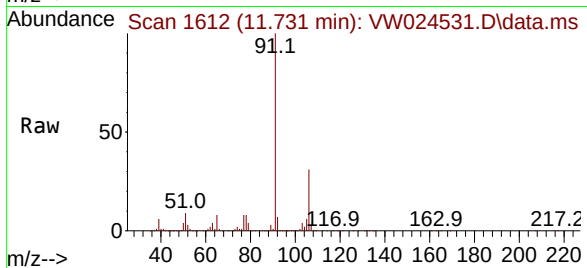
EW353MS

Tgt Ion: 91 Resp: 590139

Ion Ratio Lower Upper

91 100

106 31.0 21.1 39.1



#53

m,p-Xylene

Concen: 21.860 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW024531.D

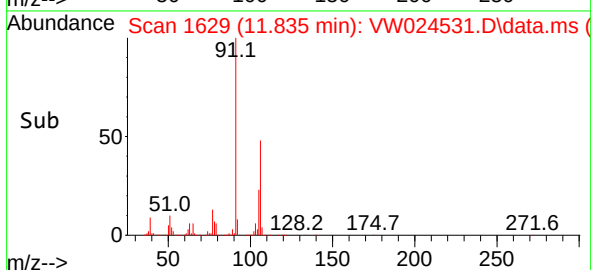
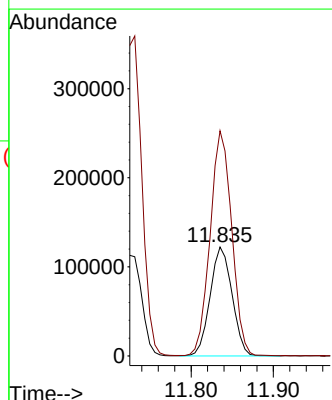
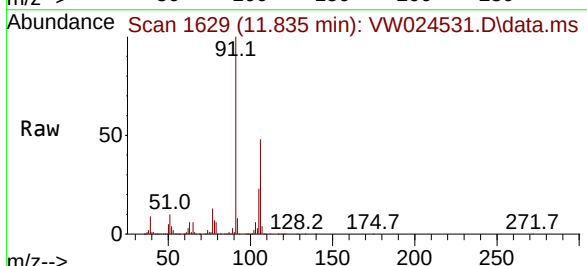
Acq: 02 Sep 2022 14:17

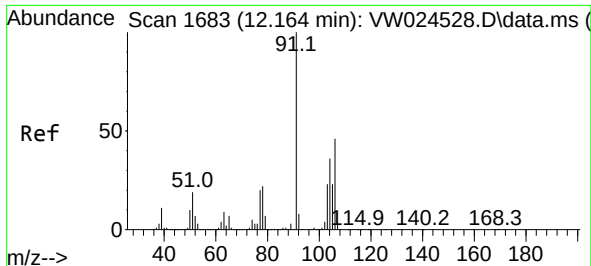
Tgt Ion:106 Resp: 226815

Ion Ratio Lower Upper

106 100

91 206.6 141.7 263.3

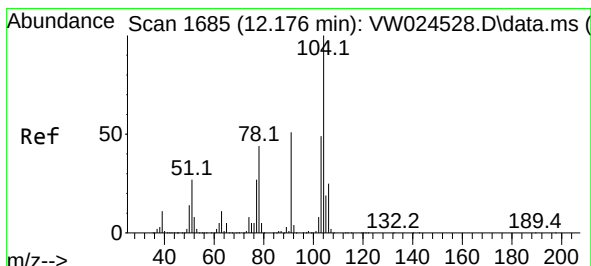
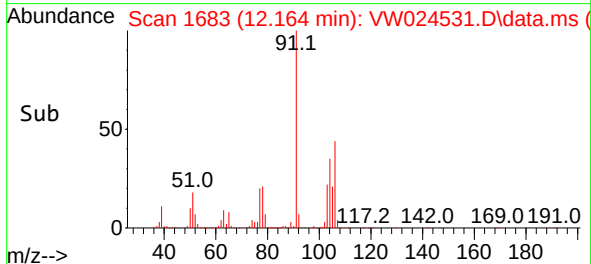
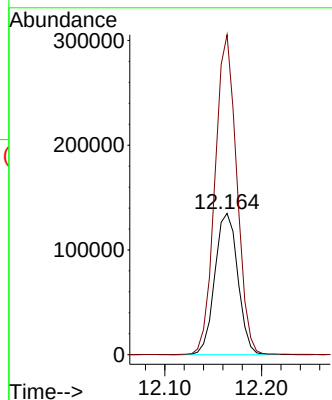
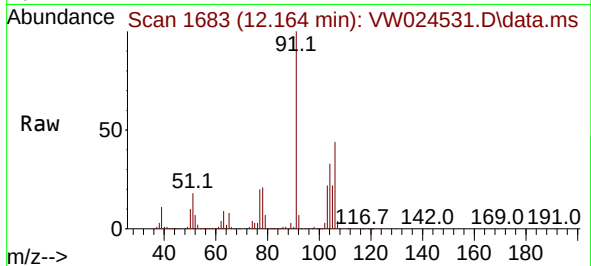




#54
o-Xylene
Concen: 22.417 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

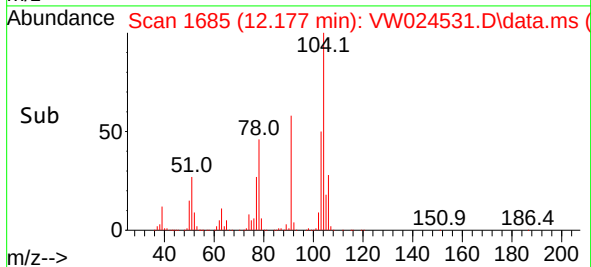
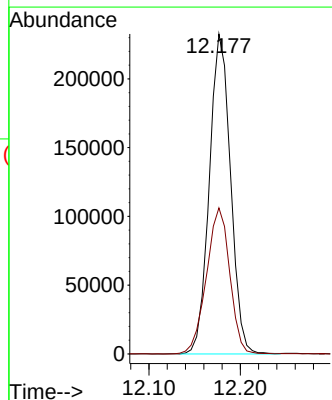
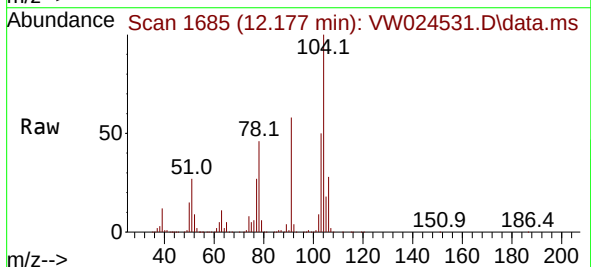
Instrument :
MSVOA_W
ClientSampleId :
EW353MS

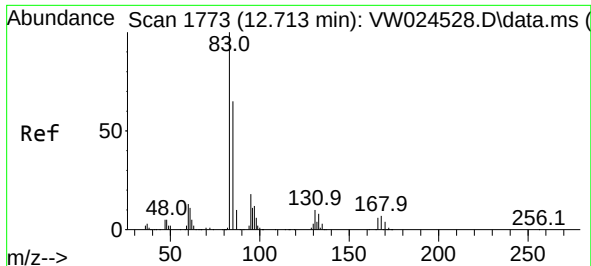
Tgt Ion:106 Resp: 222660
Ion Ratio Lower Upper
106 100
91 226.6 153.4 284.8



#55
Styrene
Concen: 21.723 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Tgt Ion:104 Resp: 374790
Ion Ratio Lower Upper
104 100
78 45.7 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 21.784 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

EW353MS

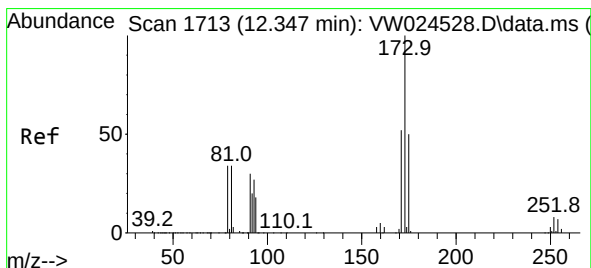
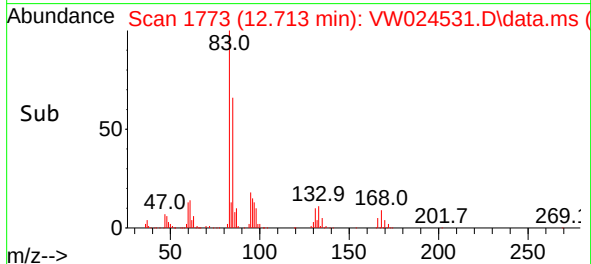
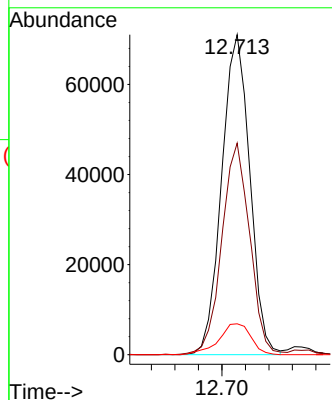
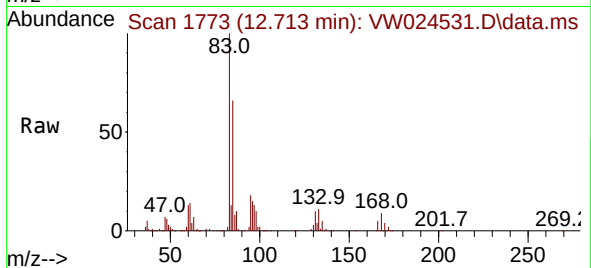
Tgt Ion: 83 Resp: 118053

Ion Ratio Lower Upper

83 100

85 66.1 43.9 81.5

131 9.7 7.9 11.9



#59

Bromoform

Concen: 25.329 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

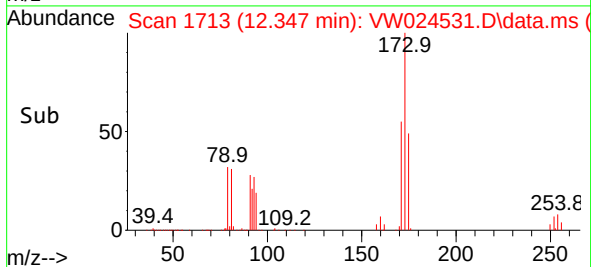
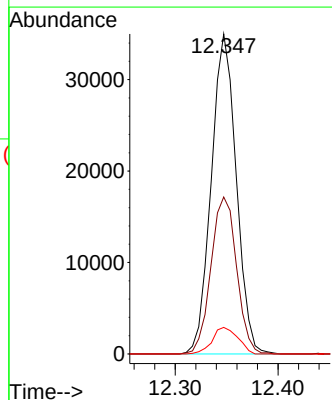
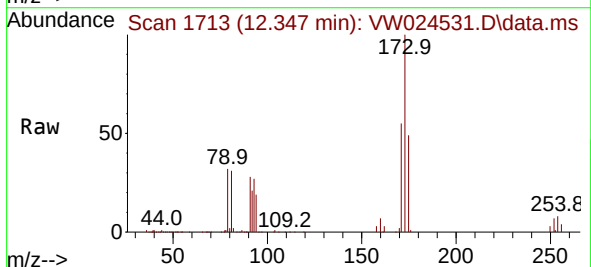
Tgt Ion: 173 Resp: 58999

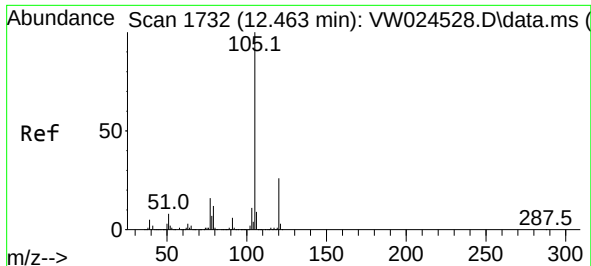
Ion Ratio Lower Upper

173 100

175 50.4 39.0 58.6

254 8.5 6.2 9.4

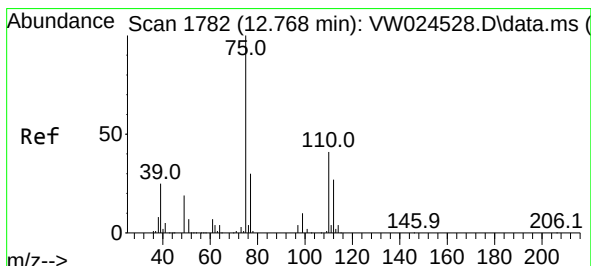
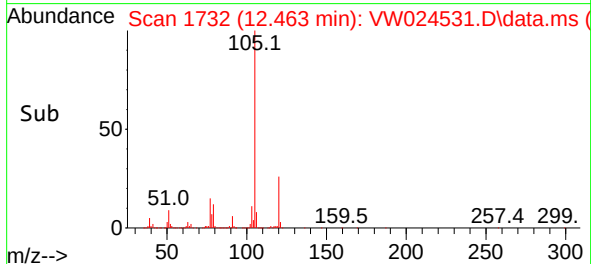
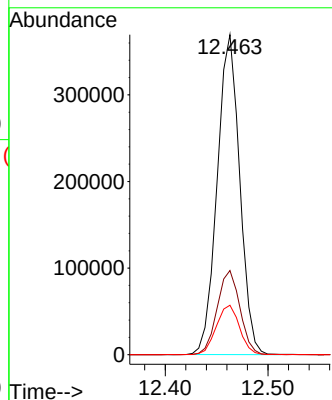
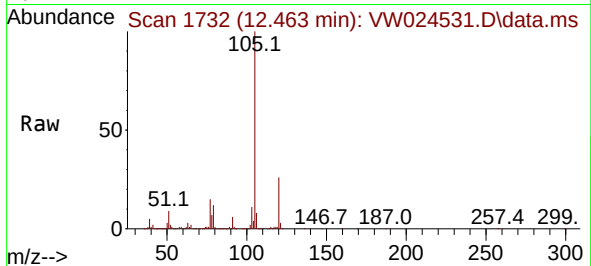




#60
Isopropylbenzene
Concen: 24.787 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

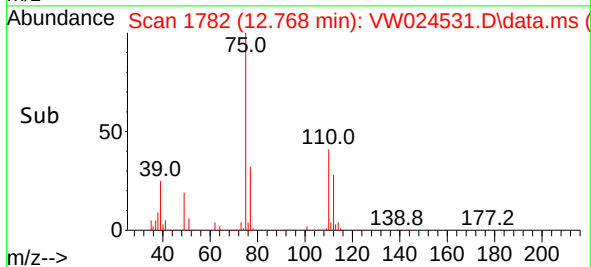
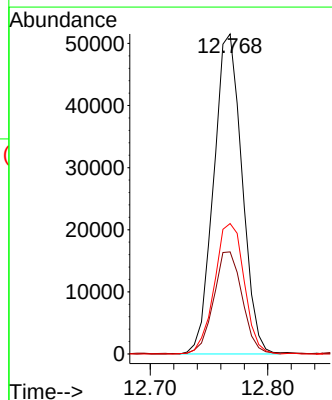
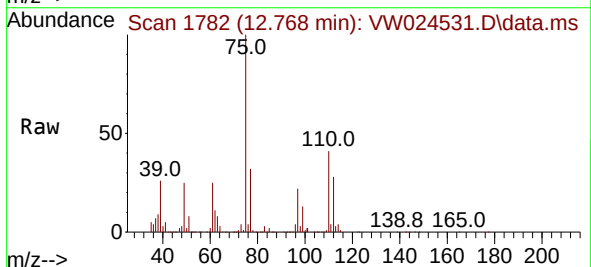
Instrument :
MSVOA_W
ClientSampleId :
EW353MS

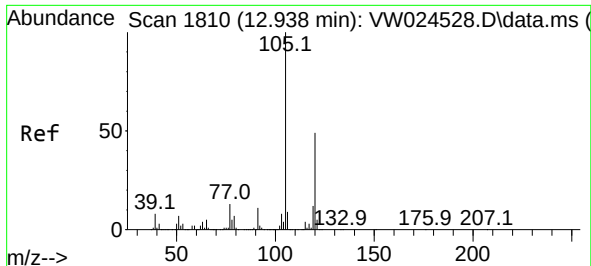
Tgt Ion:105 Resp: 562183
Ion Ratio Lower Upper
105 100
120 26.6 21.5 32.3
77 16.0 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 26.652 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Tgt Ion: 75 Resp: 86320
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
110 42.6 33.5 50.3

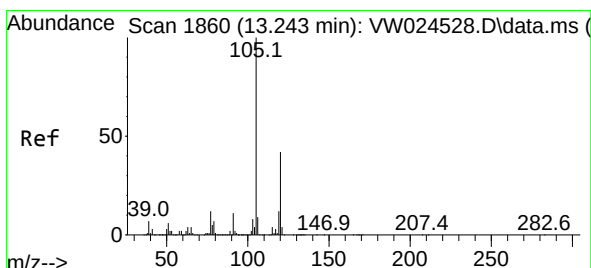
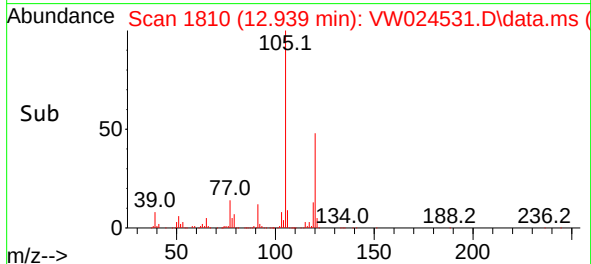
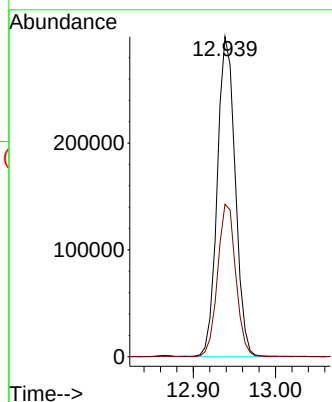
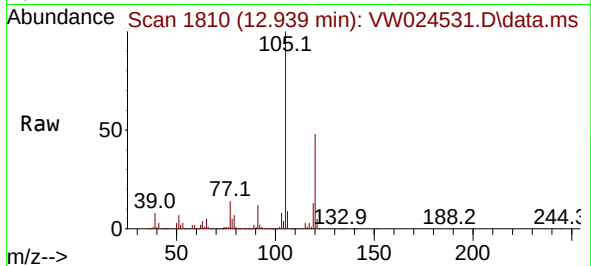




#62
 1,3,5-Trimethylbenzene
 Concen: 24.322 ug/L
 RT: 12.939 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024531.D
 Acq: 02 Sep 2022 14:17

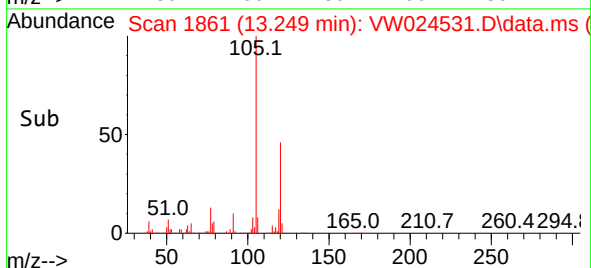
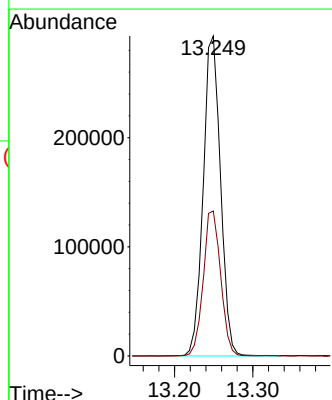
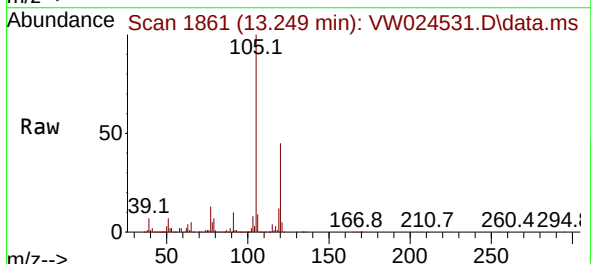
Instrument :
 MSVOA_W
 ClientSampleId :
 EW353MS

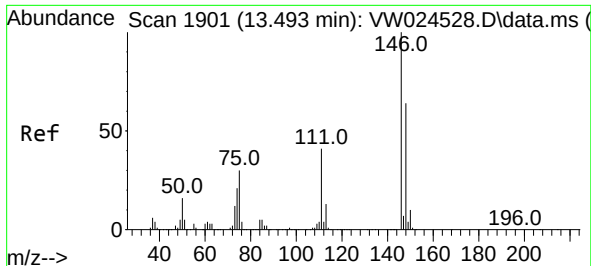
Tgt Ion:105 Resp: 455065
 Ion Ratio Lower Upper
 105 100
 120 48.1 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 24.541 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.006 min
 Lab File: VW024531.D
 Acq: 02 Sep 2022 14:17

Tgt Ion:105 Resp: 449374
 Ion Ratio Lower Upper
 105 100
 120 45.7 37.0 55.4

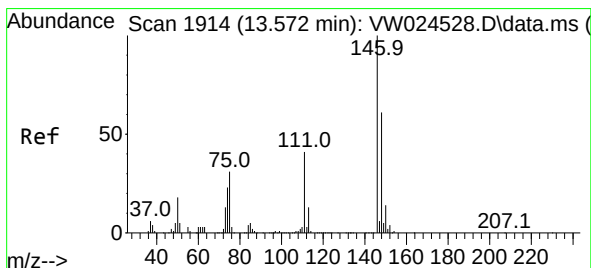
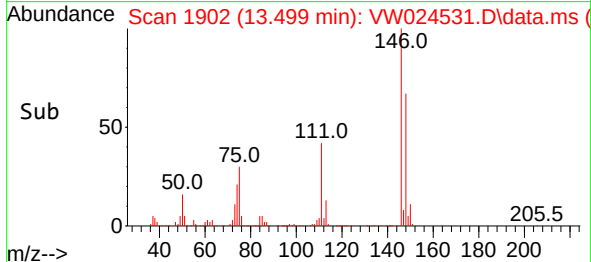
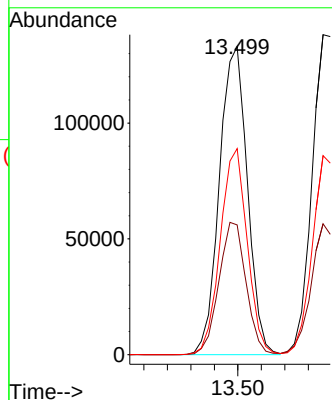
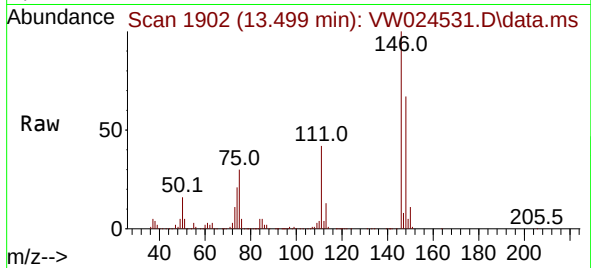




#64
1,3-Dichlorobenzene
Concen: 21.777 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

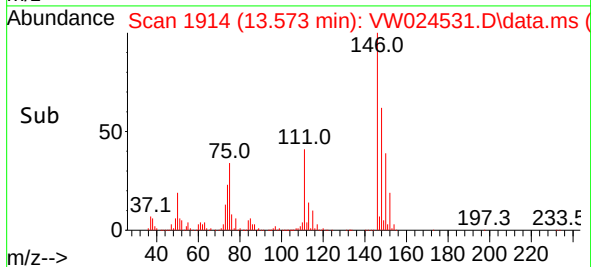
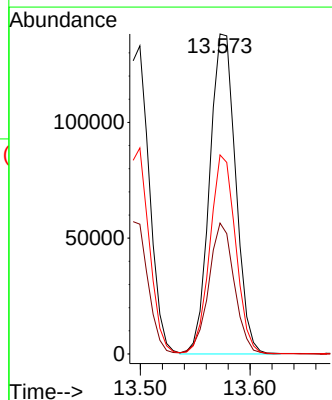
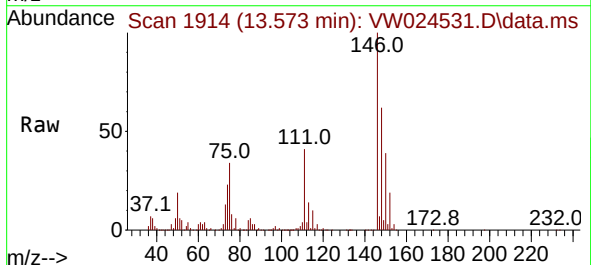
Instrument :
MSVOA_W
ClientSampleId :
EW353MS

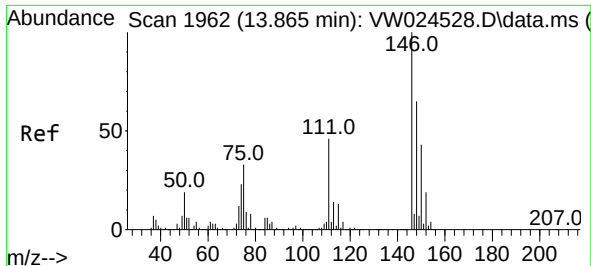
Tgt Ion:146 Resp: 220005
Ion Ratio Lower Upper
146 100
111 42.1 27.6 51.4
148 66.9 42.3 78.5



#65
1,4-Dichlorobenzene
Concen: 22.017 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024531.D
Acq: 02 Sep 2022 14:17

Tgt Ion:146 Resp: 227884
Ion Ratio Lower Upper
146 100
111 40.9 28.2 52.4
148 62.2 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 21.386 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

EW353MS

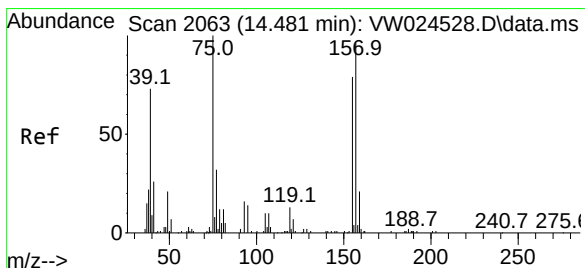
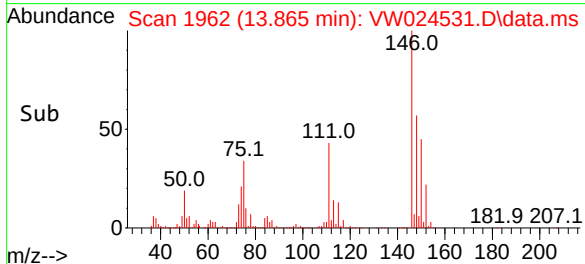
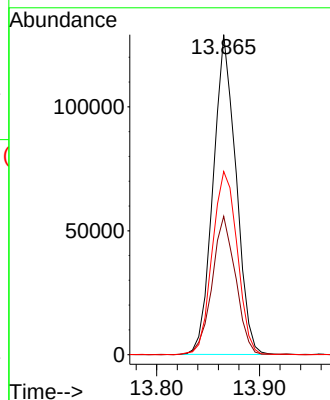
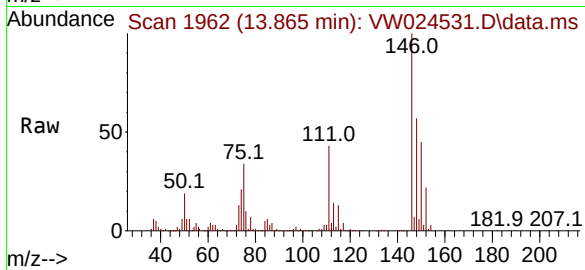
Tgt Ion:146 Resp: 199473

Ion Ratio Lower Upper

146 100

111 43.2 34.1 51.1

148 57.2 48.9 73.3



#68

1,2-Dibromo-3-chloropropane

Concen: 22.725 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

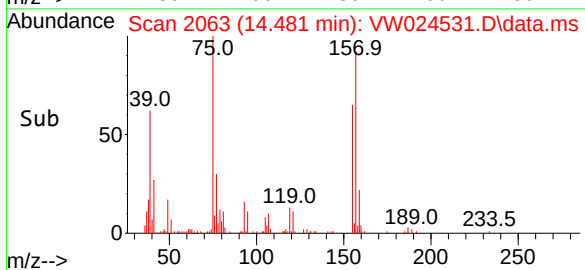
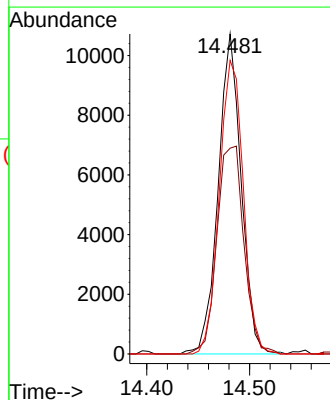
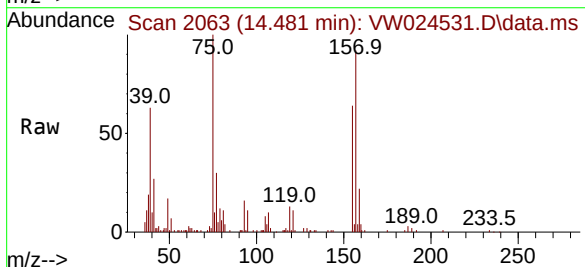
Tgt Ion: 75 Resp: 16659

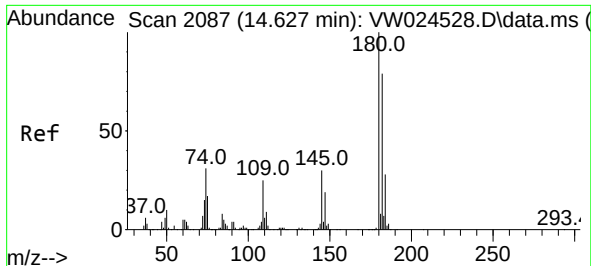
Ion Ratio Lower Upper

75 100

155 64.3 65.8 98.8#

157 91.8 82.2 123.4





#69

1,3,5-Trichlorobenzene

Concen: 16.482 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

EW353MS

Tgt Ion:180 Resp: 107047

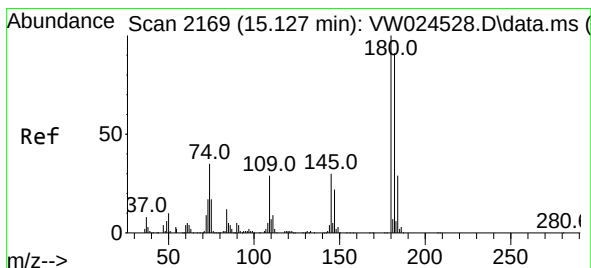
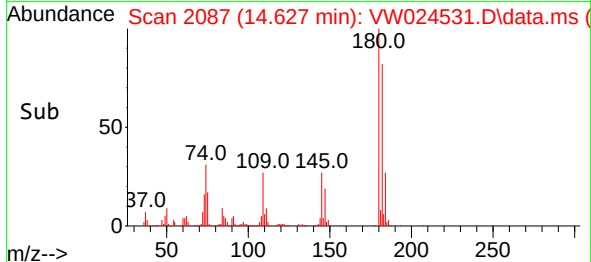
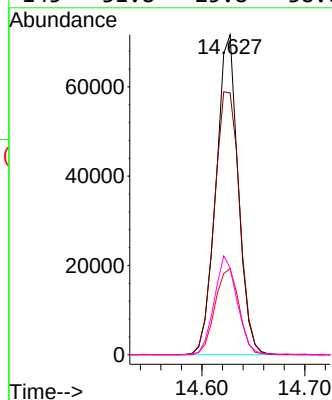
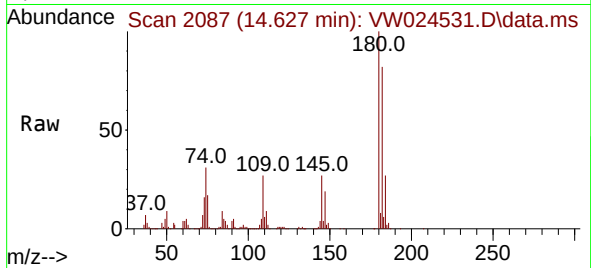
Ion Ratio Lower Upper

180 100

182 92.7 75.0 112.4

184 29.3 23.7 35.5

145 31.8 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 14.275 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

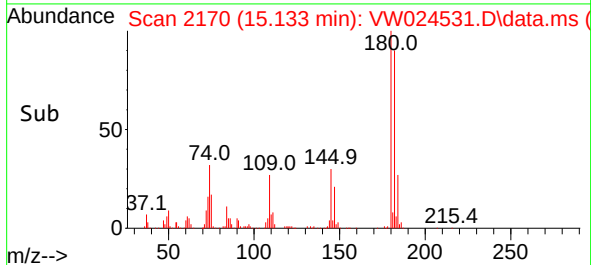
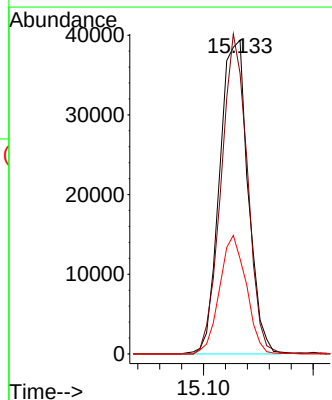
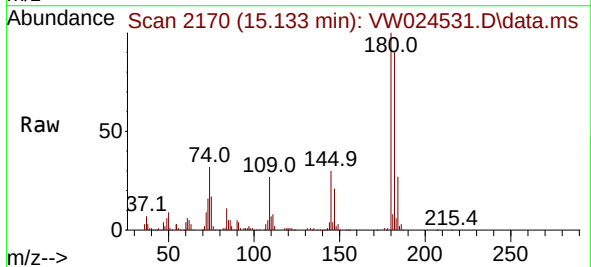
Tgt Ion:180 Resp: 70897

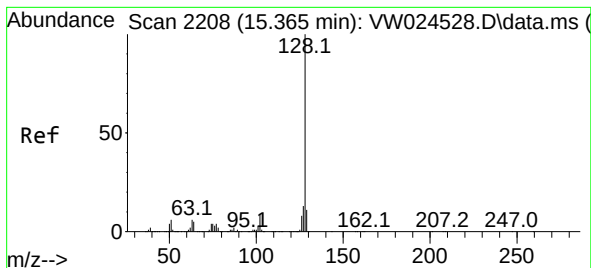
Ion Ratio Lower Upper

180 100

182 94.1 76.2 114.2

145 35.5 26.6 40.0





#71

Naphthalene

Concen: 17.018 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

EW353MS

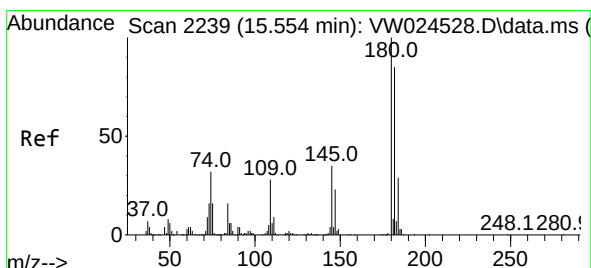
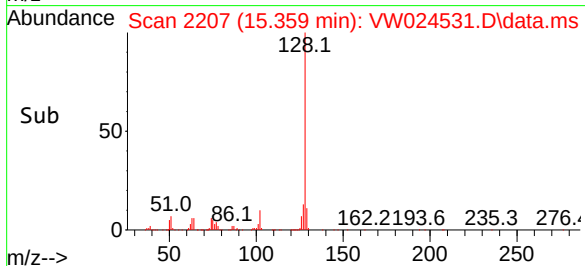
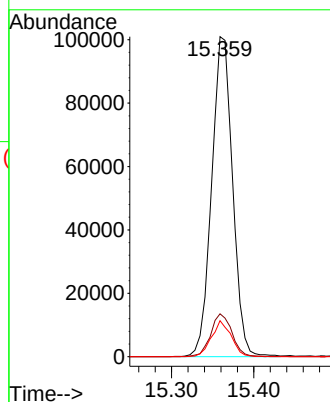
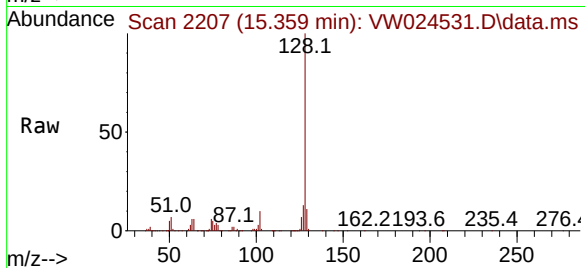
Tgt Ion:128 Resp: 178692

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 10.6 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 13.620 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024531.D

Acq: 02 Sep 2022 14:17

Tgt Ion:180 Resp: 61006

Ion Ratio Lower Upper

180 100

182 91.3 78.5 117.7

145 37.6 28.3 42.5

