

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082422\
 Data File : VW024329.D
 Acq On : 24 Aug 2022 18:15
 Operator : SY/VA
 Sample : N4322-03MSDRE
 Misc : 5.78g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY163MSD

Quant Time: Aug 25 01:34:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 25 01:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	265387	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	229574	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	82839	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	152085	27.416	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 109.680%		
7) Chloroethane-d5	2.873	69	122803	35.537	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 142.160%		
11) 1,1-Dichloroethene-d2	4.007	63	135625	21.453	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	= 85.800%		
21) 2-Butanone-d5	7.080	46	58247	56.439	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 112.880%		
24) Chloroform-d	7.647	84	220230	27.426	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	= 109.720%		
26) 1,2-Dichloroethane-d4	8.305	65	125533	28.158	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	= 112.640%		
32) Benzene-d6	8.275	84	377874	27.909	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	= 111.640%		
36) 1,2-Dichloropropane-d6	9.274	67	128216	32.074	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	= 128.280%#		
41) Toluene-d8	10.323	98	332052	26.238	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	= 104.960%		
43) trans-1,3-Dichloroprop...	10.579	79	45941	26.238	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	= 104.960%		
47) 2-Hexanone-d5	10.920	63	48374	65.514	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 131.020%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	126681	32.663	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	= 130.640%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	76169	25.127	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	= 100.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	61308	26.258	ug/L	98
3) Chloromethane	2.209	50	104386	23.839	ug/L	97
5) Vinyl chloride	2.349	62	195625	32.093	ug/L	100
6) Bromomethane	2.763	94	111121	31.794	ug/L	89
8) Chloroethane	2.910	64	101064	37.850	ug/L	97
9) Trichlorofluoromethane	3.245	101	75830	26.243	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	88434	22.692	ug/L	93
12) 1,1-Dichloroethene	4.025	96	71181	22.310	ug/L	88
13) Acetone	4.123	43	46949	61.789	ug/L	66
14) Carbon disulfide	4.367	76	150595	14.750	ug/L	100
15) Methyl Acetate	4.666	43	25003	14.609	ug/L #	80
16) Methylene chloride	4.909	84	95169	20.335	ug/L	91
17) trans-1,2-Dichloroethene	5.421	96	78832	21.395	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	164618	31.332	ug/L	97
19) 1,1-Dichloroethane	6.208	63	182053	28.050	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	98234	24.277	ug/L #	89
22) 2-Butanone	7.171	43	73090	57.085	ug/L	94
23) Bromochloromethane	7.506	128	46924	23.285	ug/L	84
25) Chloroform	7.671	83	206945	28.936	ug/L	97

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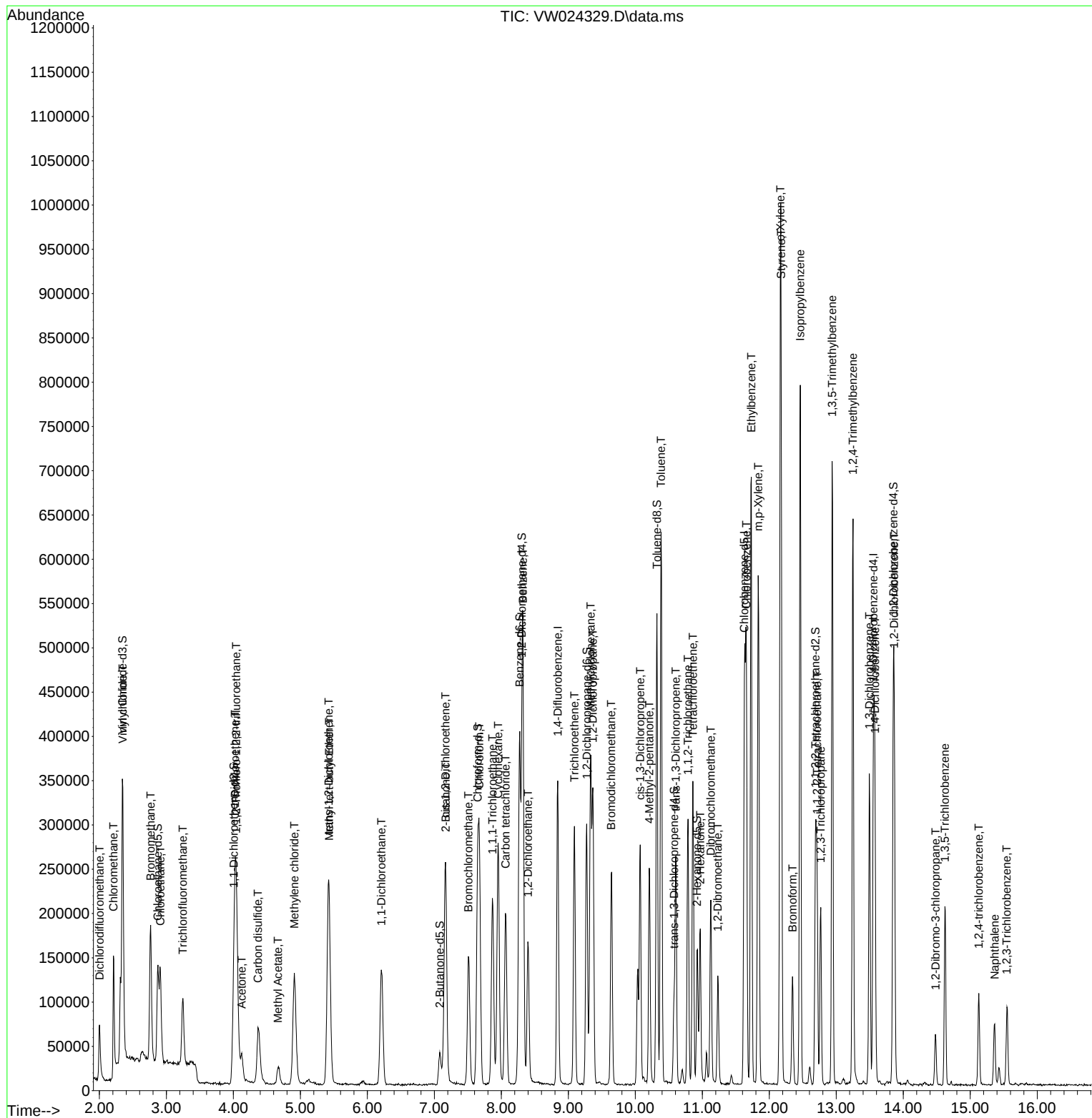
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	139749	29.039	ug/L	99
29) Cyclohexane	7.952	56	128853	27.377	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	161187	31.134	ug/L	97
31) Carbon tetrachloride	8.061	117	136500	27.947	ug/L	97
33) Benzene	8.323	78	425023	31.346	ug/L	100
34) Trichloroethene	9.092	95	95817	26.736	ug/L	94
35) Methylcyclohexane	9.335	83	134489	23.930	ug/L	96
37) 1,2-Dichloropropane	9.366	63	114849	34.265	ug/L	99
38) Bromodichloromethane	9.640	83	153235	32.596	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	143534	29.108	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	159529	71.715	ug/L	95
42) Toluene	10.384	91	441450	30.638	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	127190	28.229	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	88789	31.429	ug/L	97
46) Tetrachloroethene	10.860	164	67531	23.275	ug/L	84
48) 2-Hexanone	10.969	43	118596	78.559	ug/L #	91
49) Dibromochloromethane	11.128	129	99491	29.253	ug/L	99
50) 1,2-Dibromoethane	11.231	107	73470	27.144	ug/L #	99
51) Chlorobenzene	11.658	112	247030	25.093	ug/L	96
52) Ethylbenzene	11.731	91	461265	29.219	ug/L	99
53) m,p-Xylene	11.835	106	173822	28.287	ug/L	99
54) o-Xylene	12.164	106	169109	29.130	ug/L	92
55) Styrene	12.176	104	260712	25.822	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	108444	30.715	ug/L	98
59) Bromoform	12.347	173	49125	38.878	ug/L	95
60) Isopropylbenzene	12.463	105	471125	46.980	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	75973	46.084	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	348717	42.079	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	320131	39.224	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	127509	25.966	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	125195	24.076	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	120398	25.819	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	14471	37.570	ug/L	84
69) 1,3,5-Trichlorobenzene	14.621	180	53469	16.605	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	26848	10.411	ug/L	98
71) Naphthalene	15.365	128	55931	11.135	ug/L	97
72) 1,2,3-Trichlorobenzene	15.542	180	23280	9.916	ug/L	89

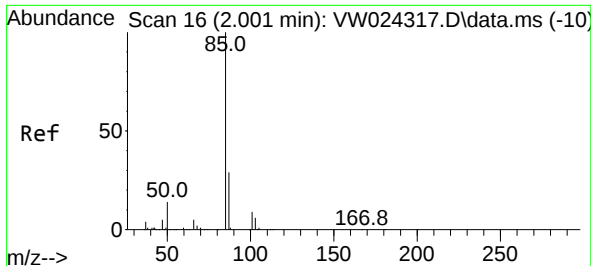
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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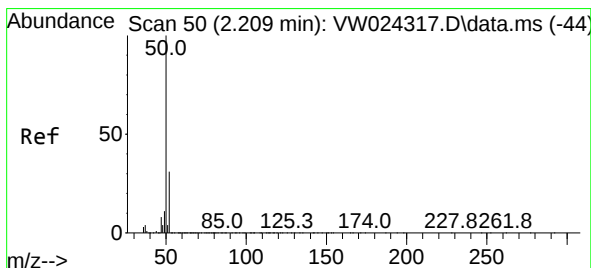
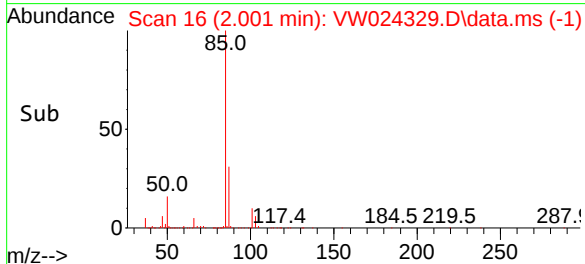
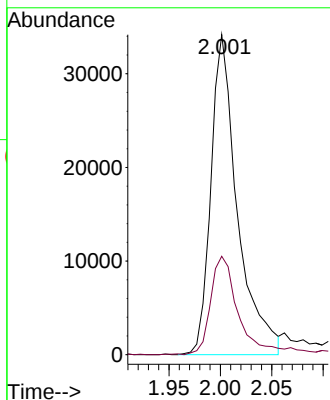
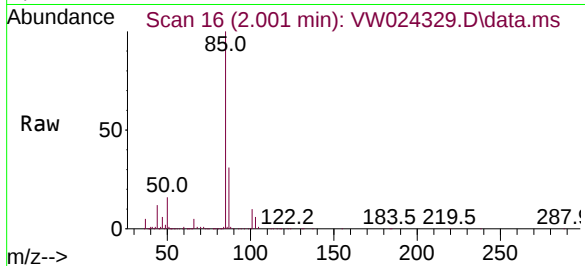




#2
Dichlorodifluoromethane
Concen: 26.258 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024329.D
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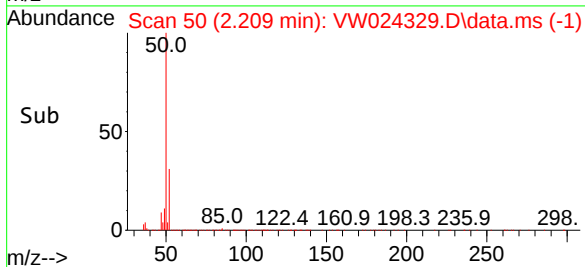
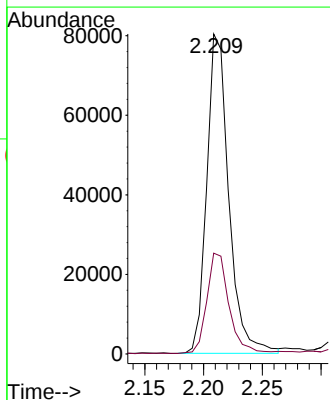
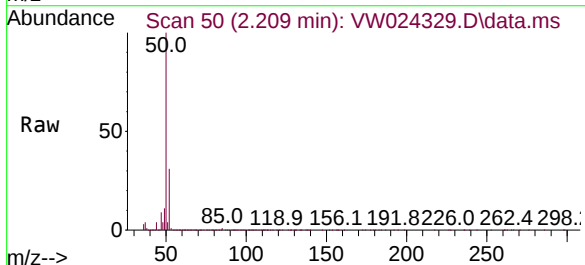
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MSVOA_W
ClientSampleId :
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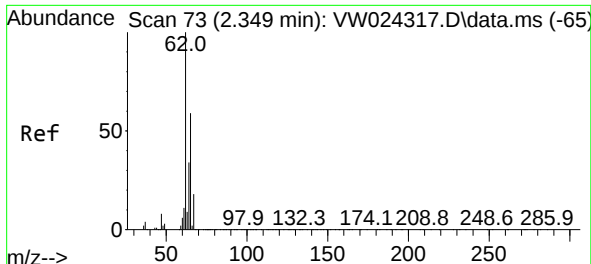
Tgt Ion: 85 Resp: 61308
Ion Ratio Lower Upper
85 100
87 31.6 24.5 36.7



#3
Chloromethane
Concen: 23.839 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion: 50 Resp: 104386
Ion Ratio Lower Upper
50 100
52 31.5 23.2 43.2

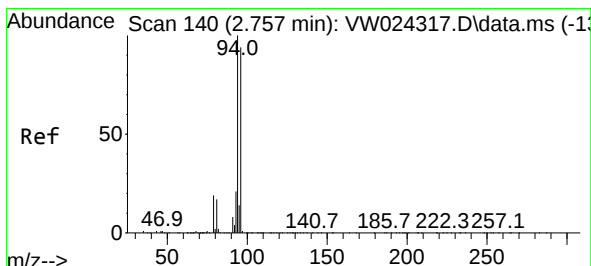
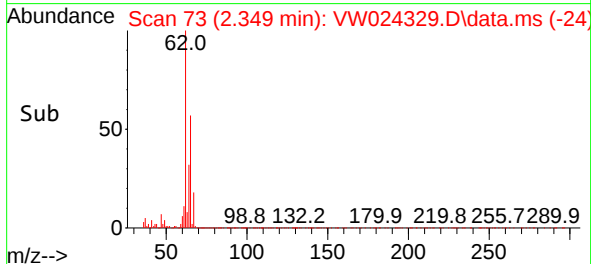
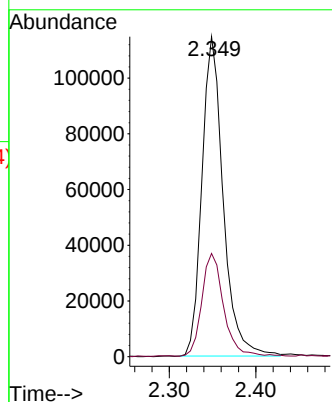
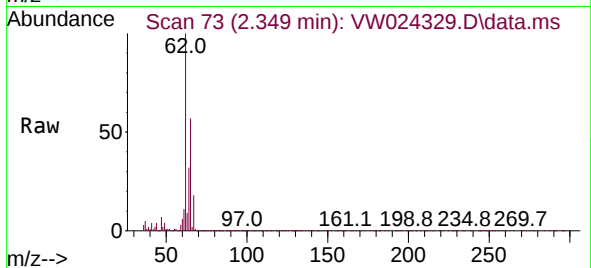




#5
 Vinyl chloride
 Concen: 32.093 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024329.D
 Acq: 24 Aug 2022 18:15

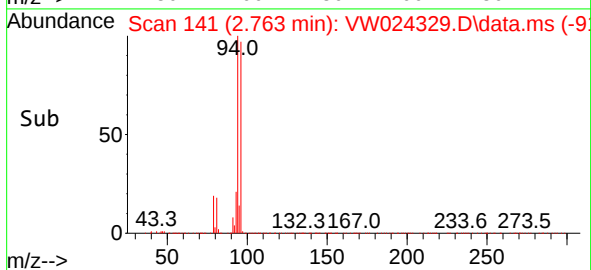
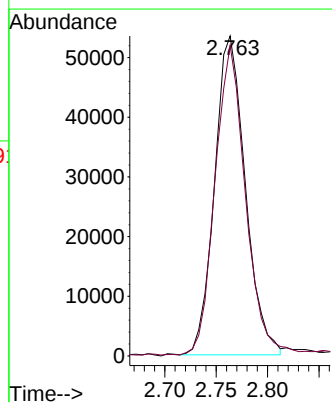
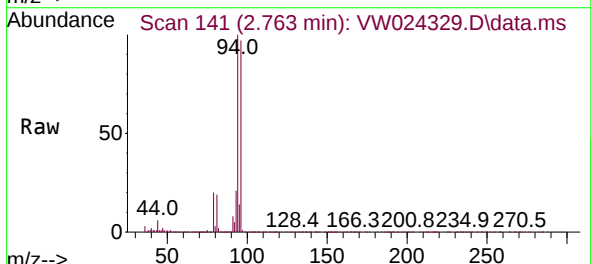
Instrument :
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 ClientSampleId :
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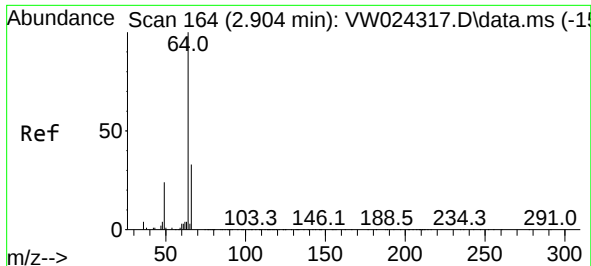
Tgt Ion: 62 Resp: 195625
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.7 42.3



#6
 Bromomethane
 Concen: 31.794 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.006 min
 Lab File: VW024329.D
 Acq: 24 Aug 2022 18:15

Tgt Ion: 94 Resp: 111121
 Ion Ratio Lower Upper
 94 100
 96 97.0 61.0 113.4

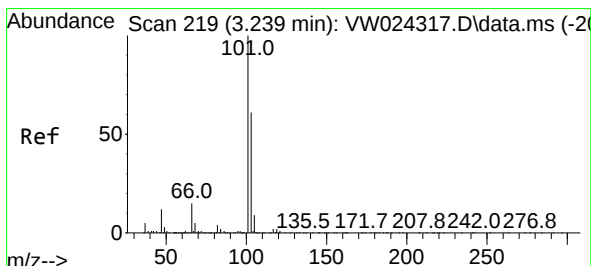
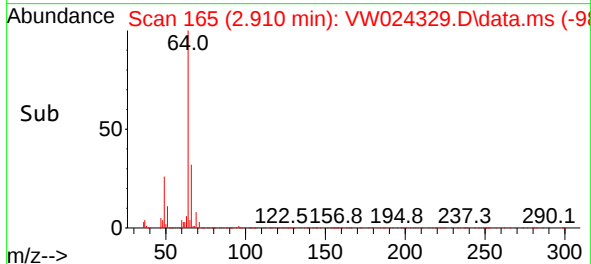
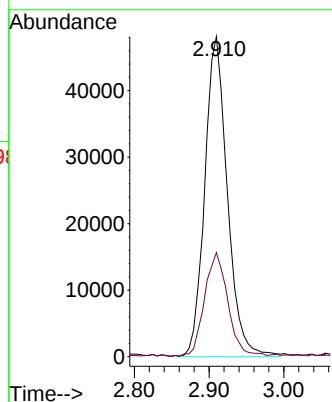
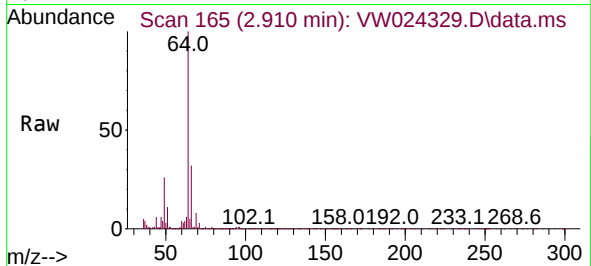




#8
Chloroethane
Concen: 37.850 ug/L
RT: 2.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

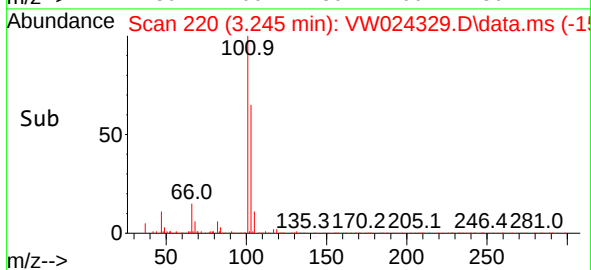
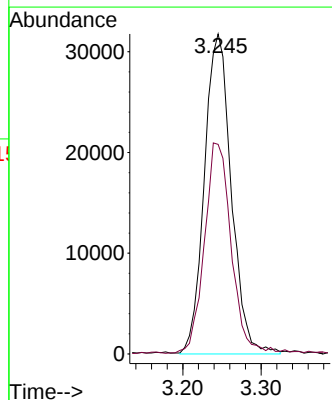
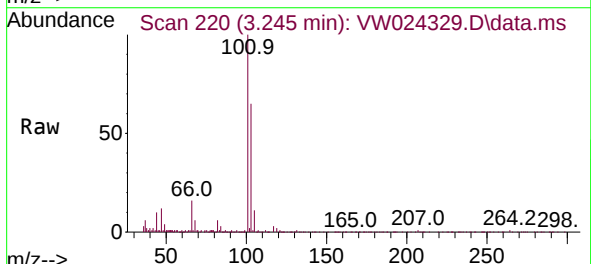
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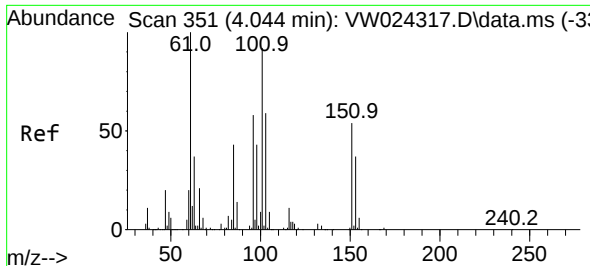
Tgt Ion: 64 Resp: 101064
Ion Ratio Lower Upper
64 100
66 32.5 21.6 40.0



#9
Trichlorofluoromethane
Concen: 26.243 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion: 101 Resp: 75830
Ion Ratio Lower Upper
101 100
103 65.3 50.5 75.7

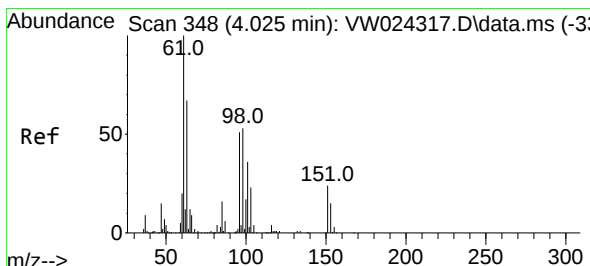
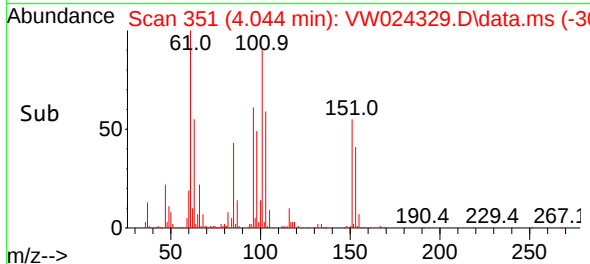
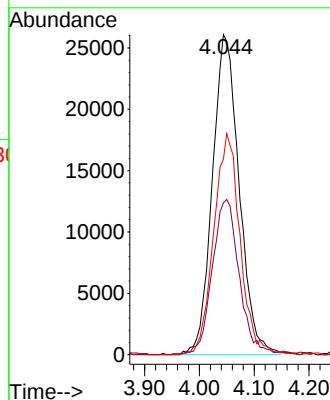
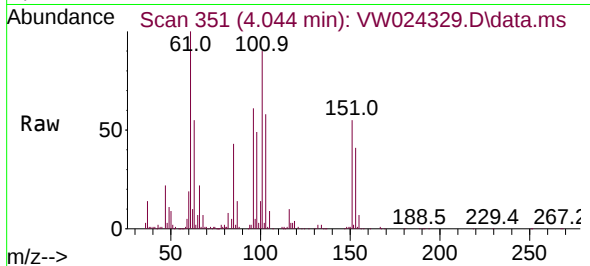




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.692 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024329.D
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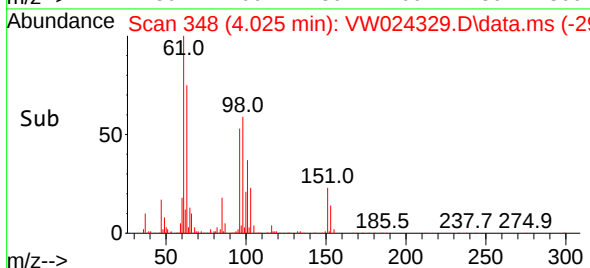
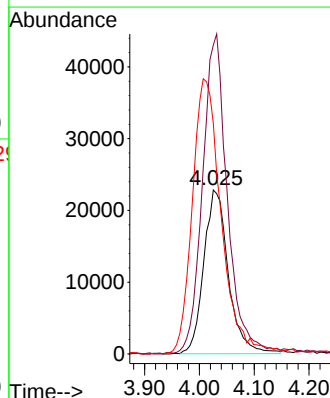
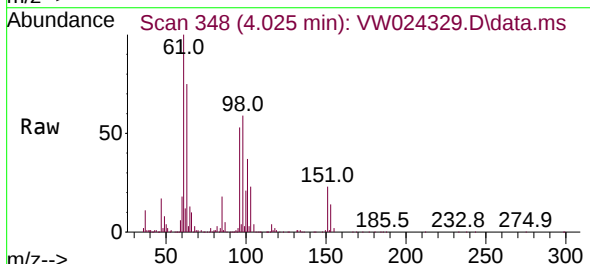
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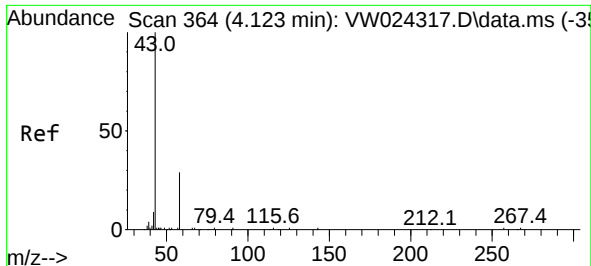
Tgt Ion:	101	Resp:	88434
Ion	Ratio	Lower	Upper
101	100		
85	48.6	34.9	52.3
151	66.1	57.0	85.6



#12
 1,1-Dichloroethene
 Concen: 22.310 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. 0.000 min
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Tgt Ion:	96	Resp:	71181
Ion	Ratio	Lower	Upper
96	100		
61	188.3	123.1	228.5
63	140.6	84.9	157.7

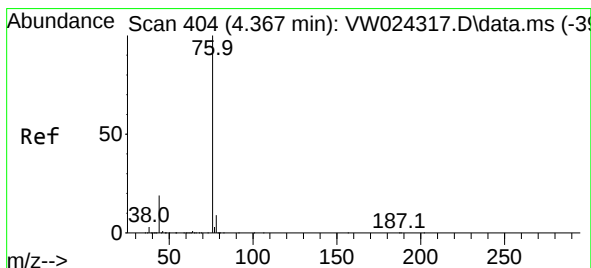
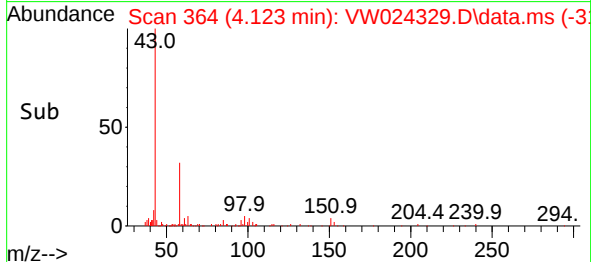
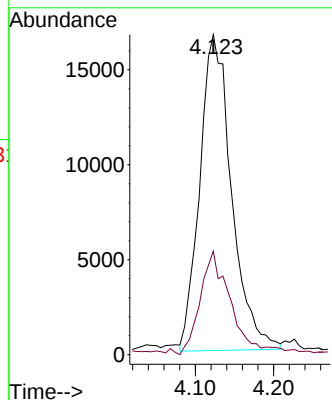
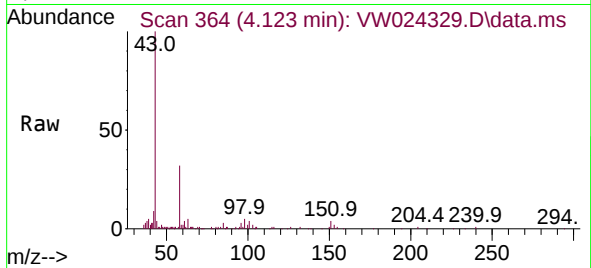




#13
Acetone
Concen: 61.789 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
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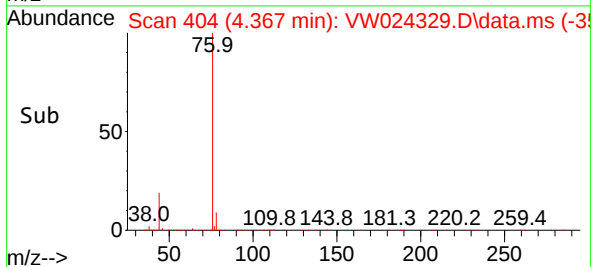
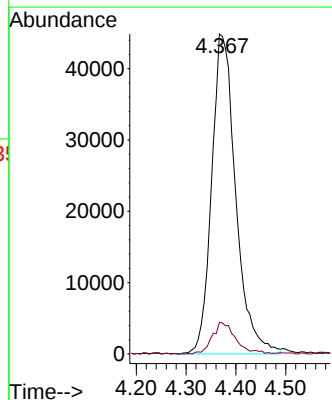
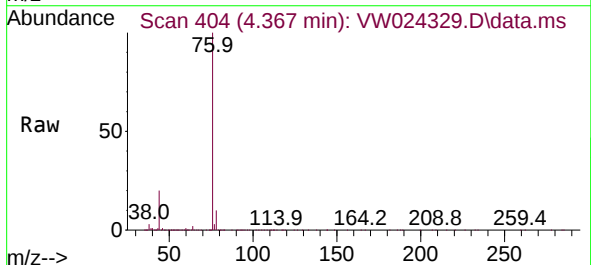
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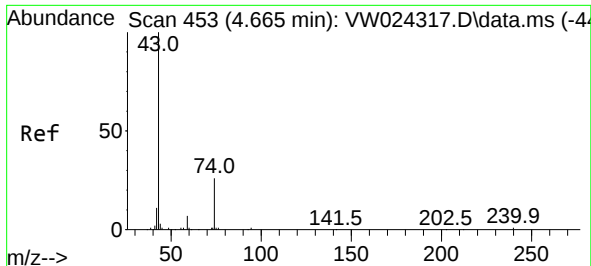
Tgt Ion: 43 Resp: 46949
Ion Ratio Lower Upper
43 100
58 30.3 0.0 31.8



#14
Carbon disulfide
Concen: 14.750 ug/L
RT: 4.367 min Scan# 404
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion: 76 Resp: 150595
Ion Ratio Lower Upper
76 100
78 9.9 7.9 11.9

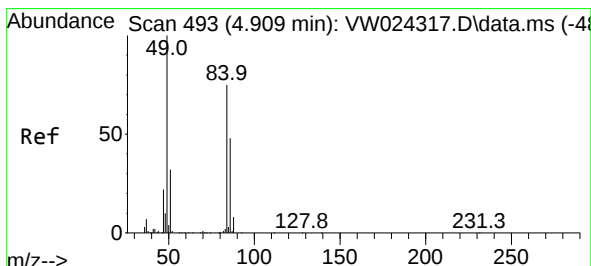
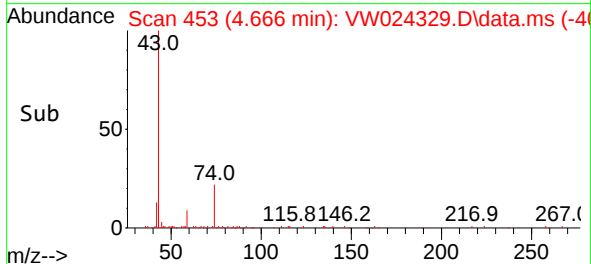
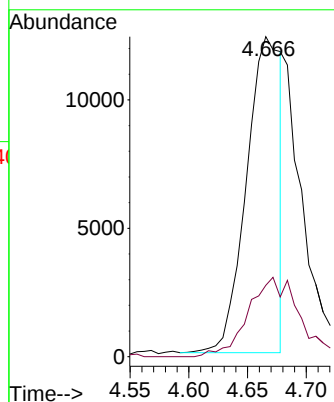
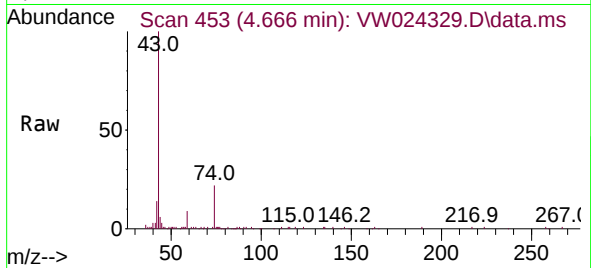




#15
Methyl Acetate
Concen: 14.609 ug/L
RT: 4.666 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

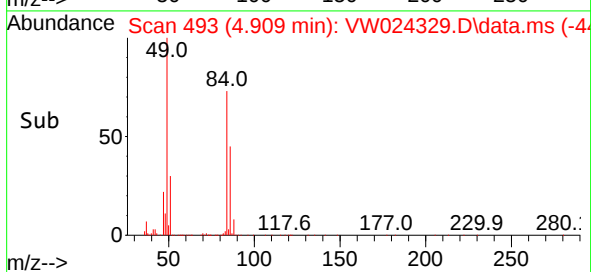
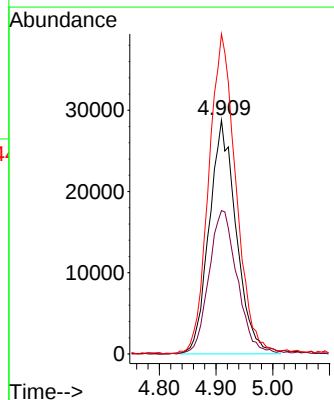
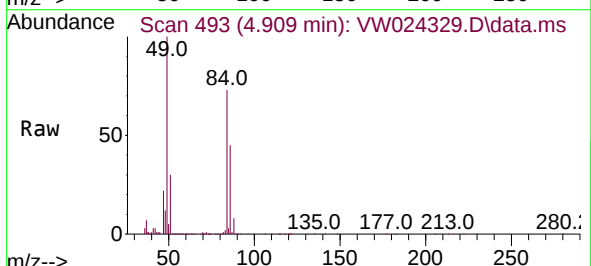
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

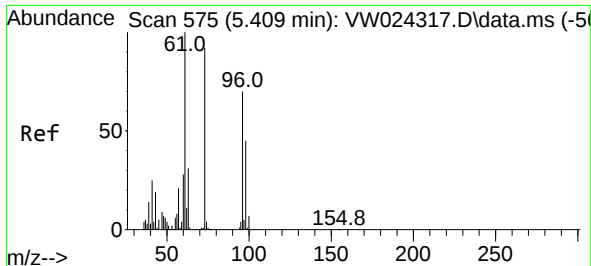
Tgt Ion: 43 Resp: 25003
Ion Ratio Lower Upper
43 100
74 37.4 21.5 32.3#



#16
Methylene chloride
Concen: 20.335 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion: 84 Resp: 95169
Ion Ratio Lower Upper
84 100
86 61.3 42.8 79.6
49 136.9 85.3 158.3

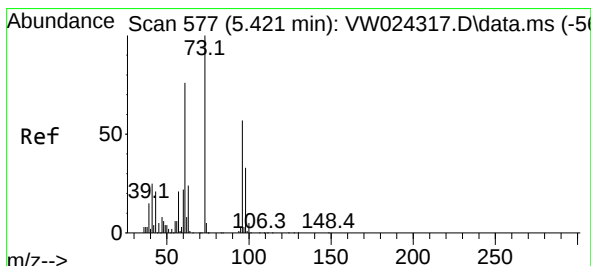
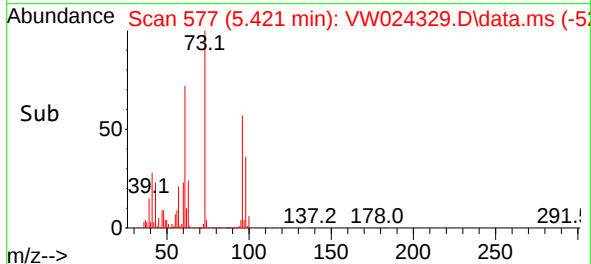
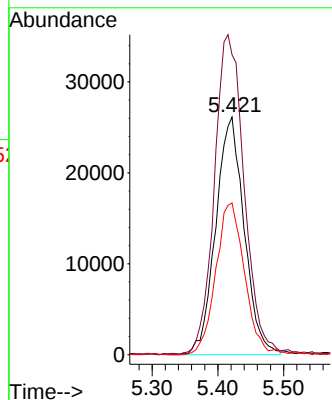
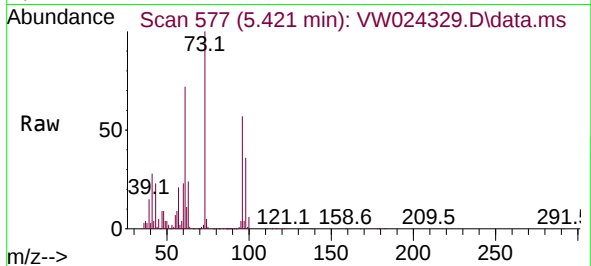




#17
trans-1,2-Dichloroethene
Concen: 21.395 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.012 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

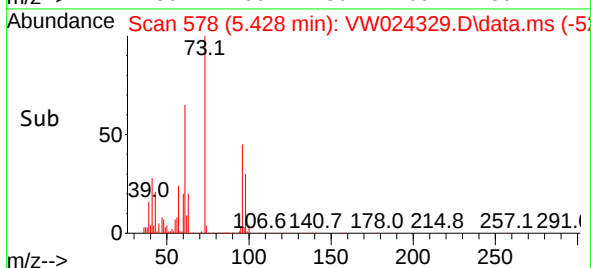
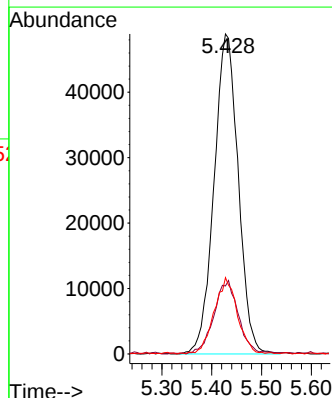
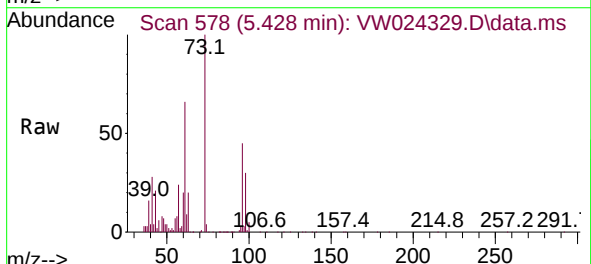
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

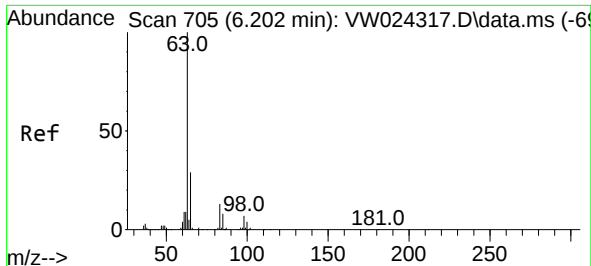
Tgt Ion: 96 Resp: 78832
Ion Ratio Lower Upper
96 100
61 126.2 93.0 172.8
98 63.8 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 31.332 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion: 73 Resp: 164618
Ion Ratio Lower Upper
73 100
43 23.0 16.6 24.8
57 22.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 28.050 ug/L

RT: 6.208 min Scan# 705

Delta R.T. 0.006 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

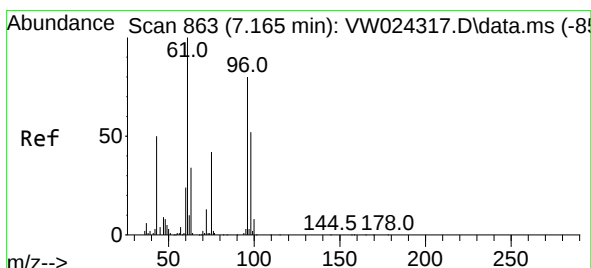
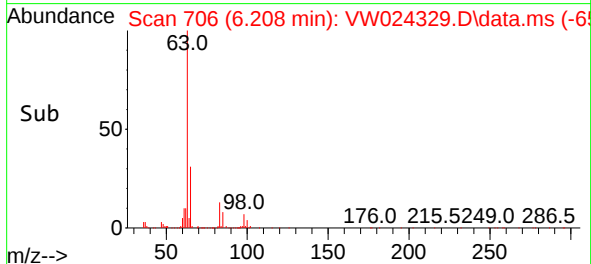
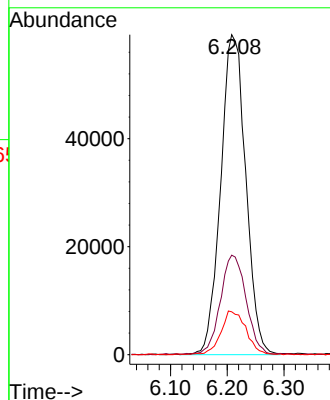
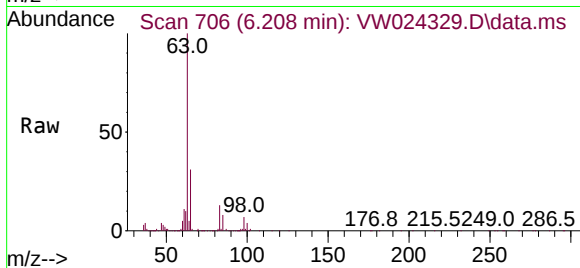
Tgt Ion: 63 Resp: 182053

Ion Ratio Lower Upper

63 100

65 31.1 22.0 41.0

83 13.4 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 24.277 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

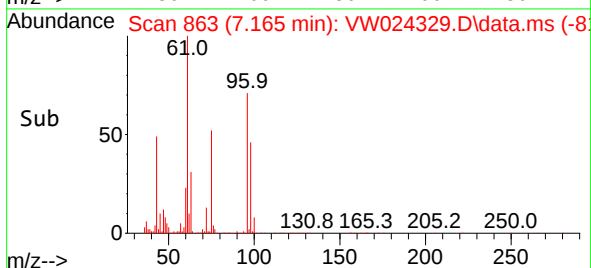
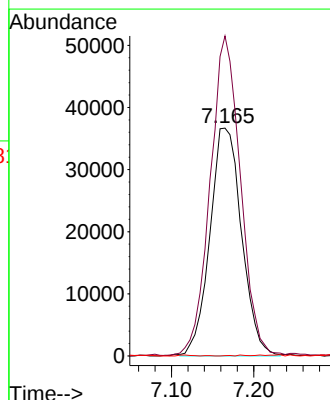
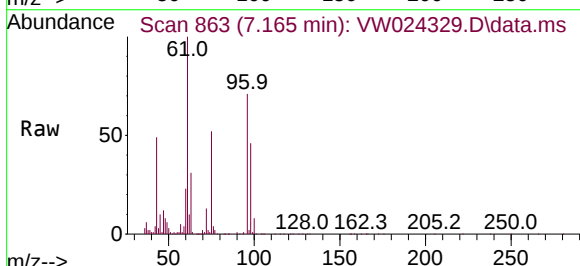
Tgt Ion: 96 Resp: 98234

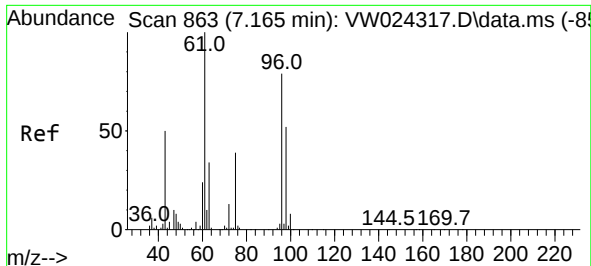
Ion Ratio Lower Upper

96 100

61 140.5 89.5 166.3

68 0.1 0.1 0.1

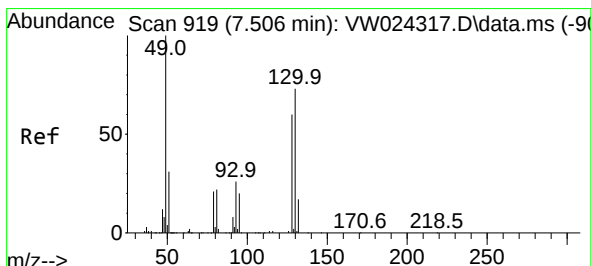
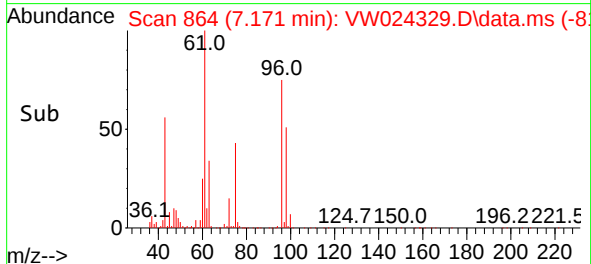
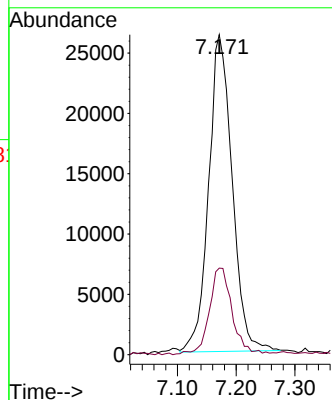
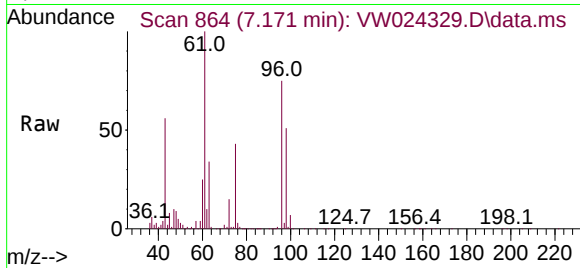




#22
2-Butanone
Concen: 57.085 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

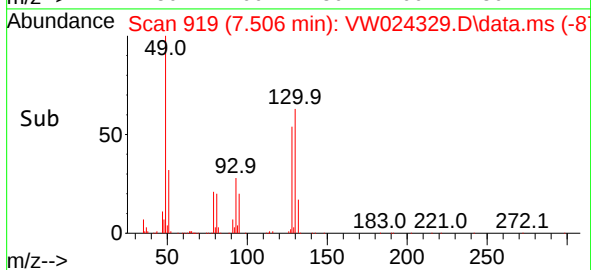
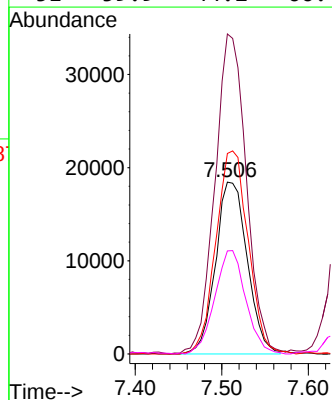
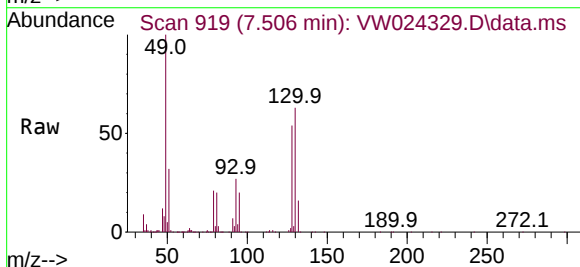
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

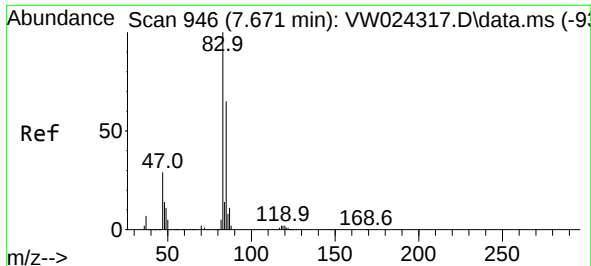
Tgt Ion: 43 Resp: 73090
Ion Ratio Lower Upper
43 100
72 25.7 14.3 42.9



#23
Bromochloromethane
Concen: 23.285 ug/L
RT: 7.506 min Scan# 919
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion:128 Resp: 46924
Ion Ratio Lower Upper
128 100
49 186.3 106.6 198.0
130 116.7 88.1 163.5
51 59.9 44.2 66.4

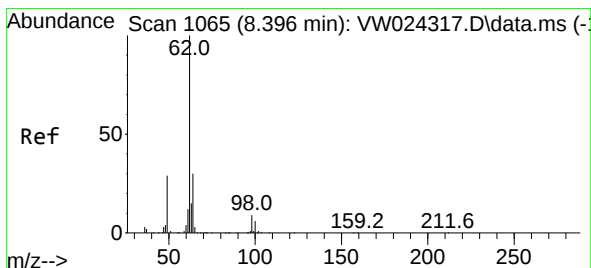
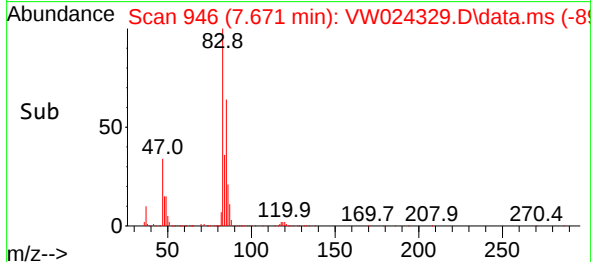
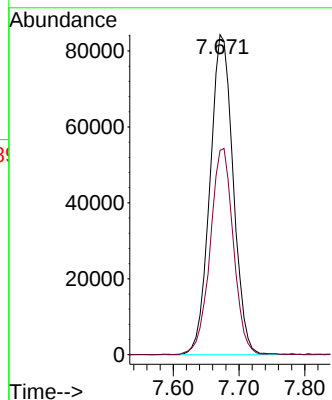
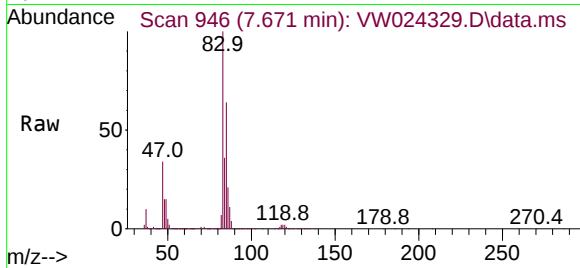




#25
Chloroform
Concen: 28.936 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

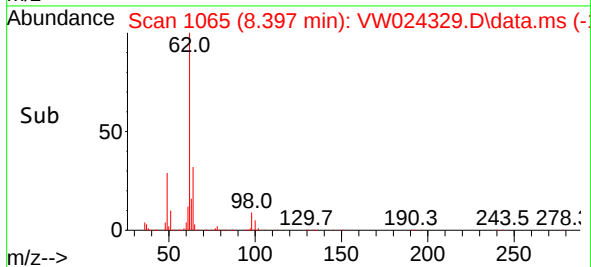
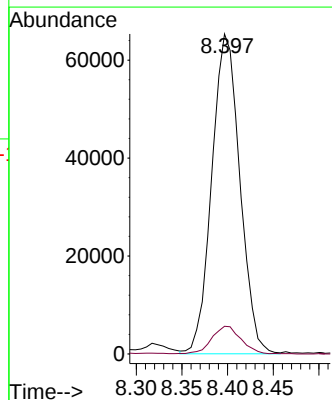
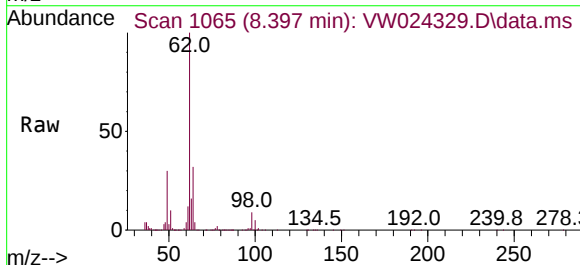
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

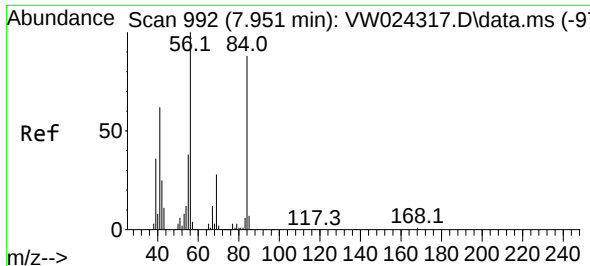
Tgt Ion: 83 Resp: 206945
Ion Ratio Lower Upper
83 100
85 63.9 42.9 79.7



#27
1,2-Dichloroethane
Concen: 29.039 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion: 62 Resp: 139749
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0





#29

Cyclohexane

Concen: 27.377 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

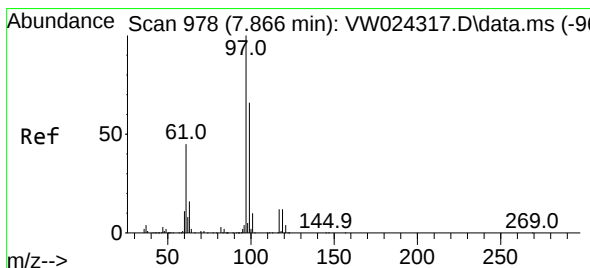
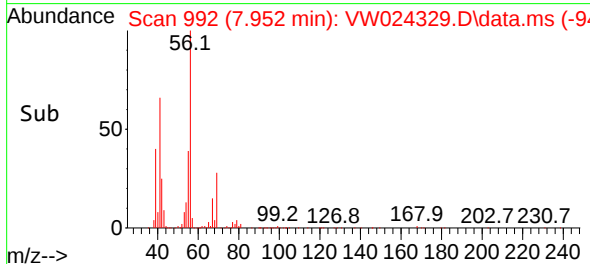
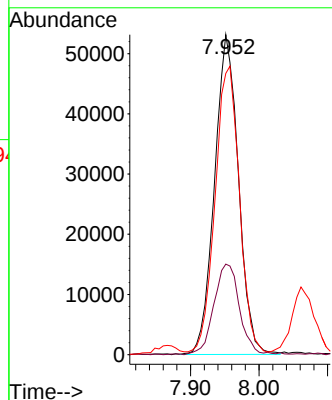
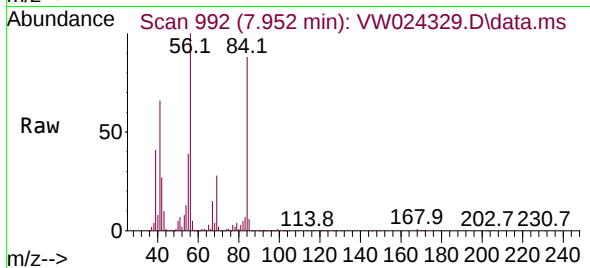
Tgt Ion: 56 Resp: 128853

Ion Ratio Lower Upper

56 100

69 30.0 24.5 36.7

84 91.1 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 31.134 ug/L

RT: 7.866 min Scan# 978

Delta R.T. 0.000 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

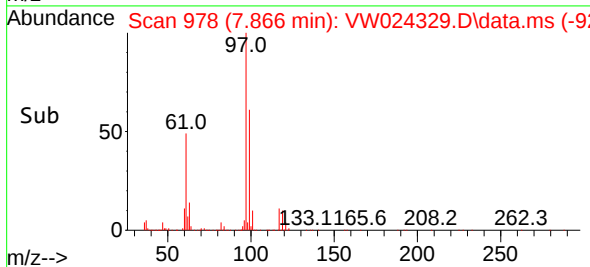
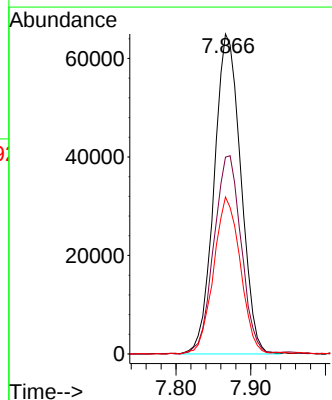
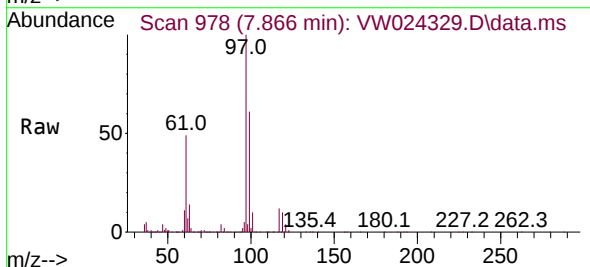
Tgt Ion: 97 Resp: 161187

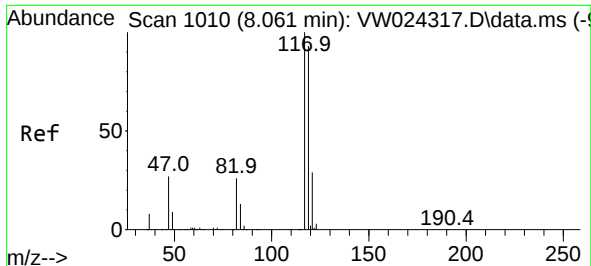
Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.6

61 49.1 36.2 54.2

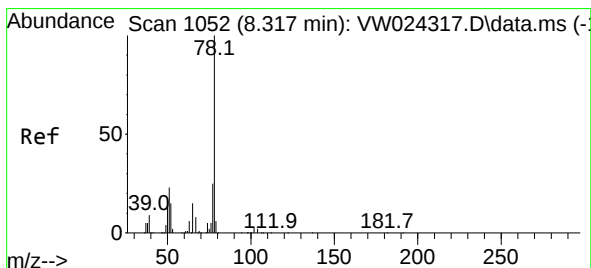
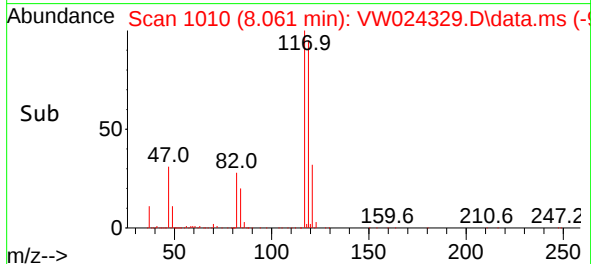
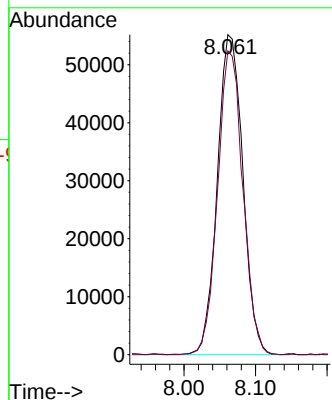
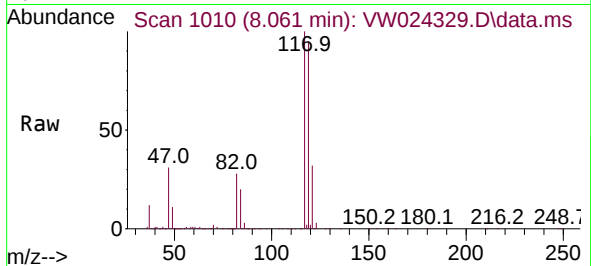




#31
Carbon tetrachloride
Concen: 27.947 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

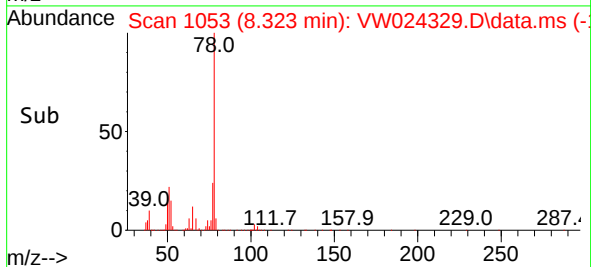
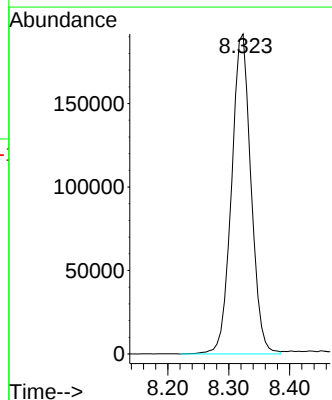
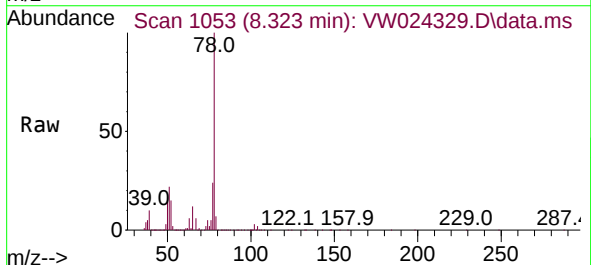
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

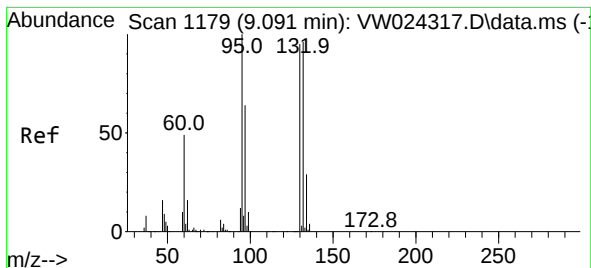
Tgt Ion:117 Resp: 136500
Ion Ratio Lower Upper
117 100
119 94.3 77.8 116.8



#33
Benzene
Concen: 31.346 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion: 78 Resp: 425023





#34

Trichloroethene

Concen: 26.736 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

Tgt Ion: 95 Resp: 95817

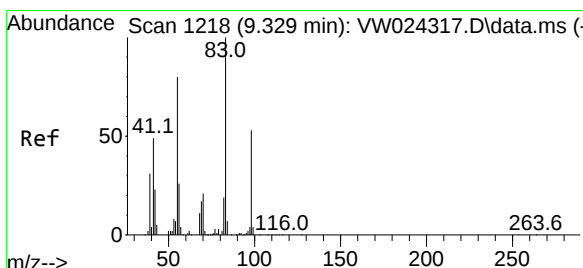
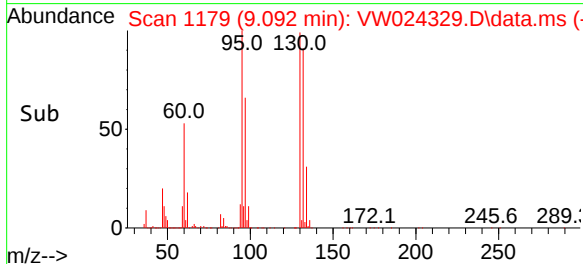
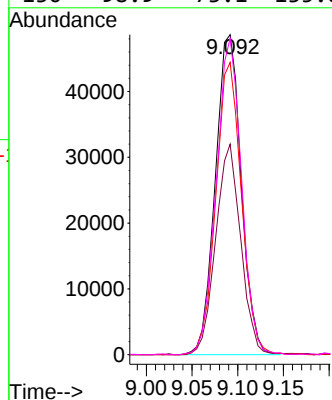
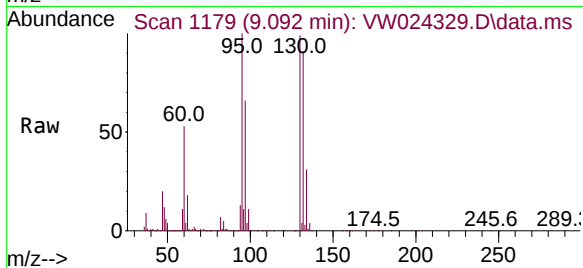
Ion Ratio Lower Upper

95 100

97 65.8 41.6 77.2

132 91.3 67.0 124.4

130 98.9 73.1 135.8



#35

Methylcyclohexane

Concen: 23.930 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

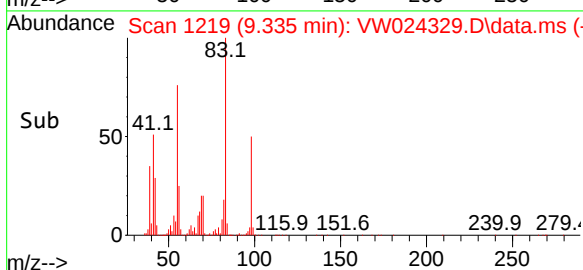
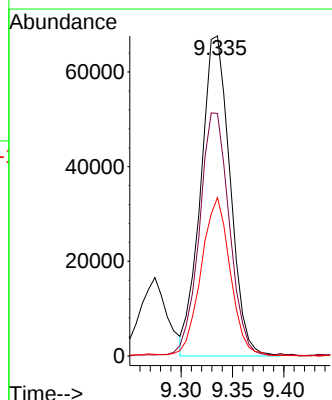
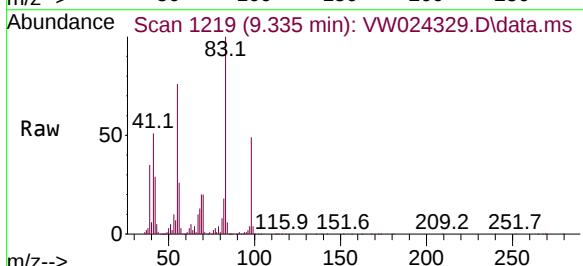
Tgt Ion: 83 Resp: 134489

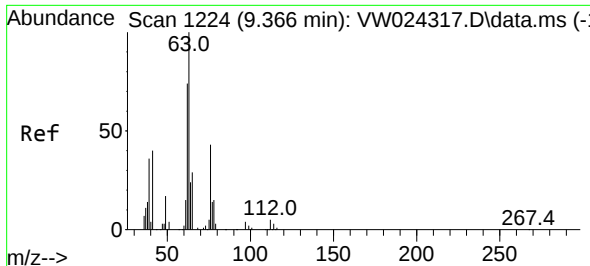
Ion Ratio Lower Upper

83 100

55 77.4 59.1 88.7

98 48.9 40.8 61.2





#37

1,2-Dichloropropane

Concen: 34.265 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

Instrument :

MSVOA_W

ClientSampleId :

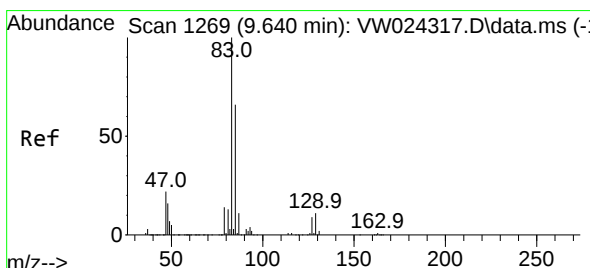
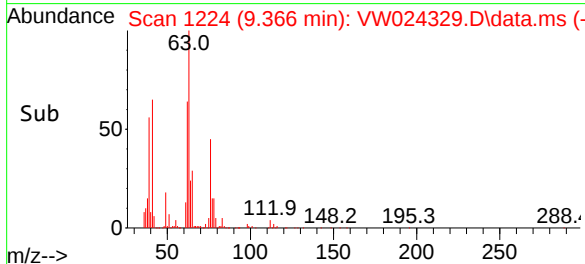
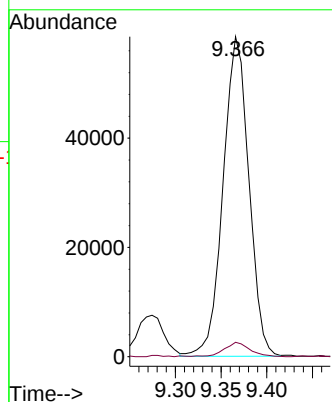
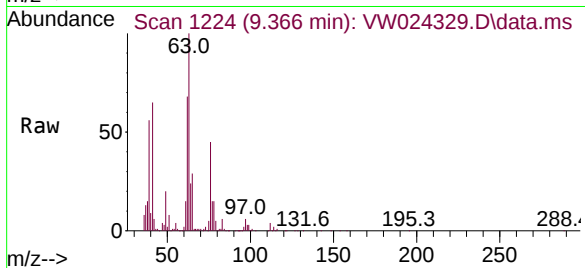
EY163MSD

Tgt Ion: 63 Resp: 114849

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 32.596 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

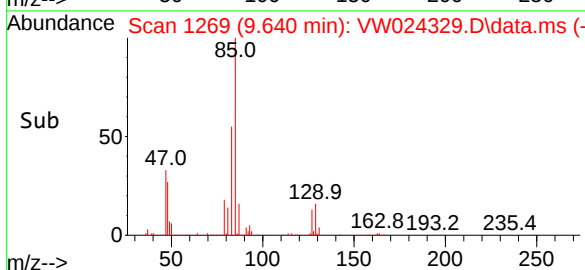
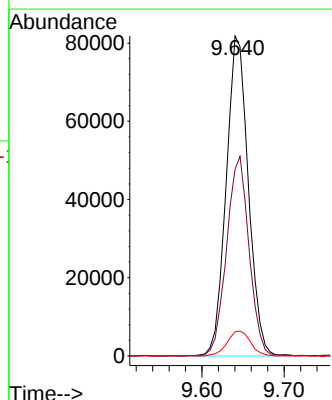
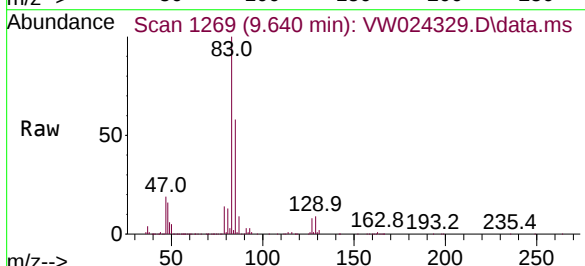
Tgt Ion: 83 Resp: 153235

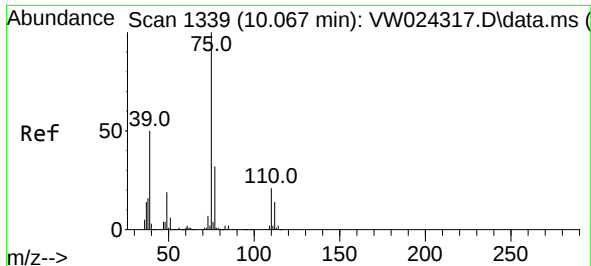
Ion Ratio Lower Upper

83 100

85 58.4 43.7 81.1

127 7.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 29.108 ug/L

RT: 10.073 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

Instrument :

MSVOA_W

ClientSampleId :

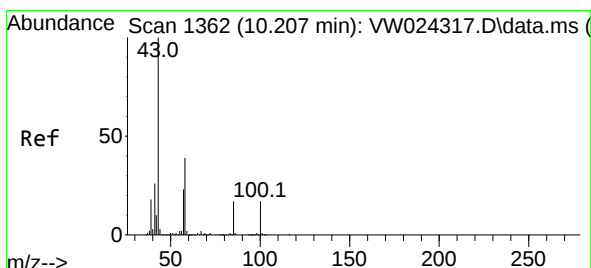
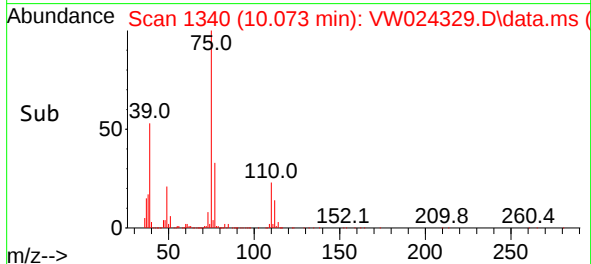
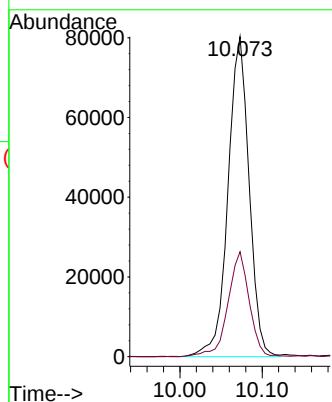
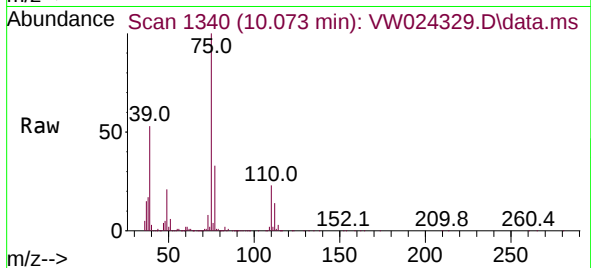
EY163MSD

Tgt Ion: 75 Resp: 143534

Ion Ratio Lower Upper

75 100

77 32.8 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 71.715 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

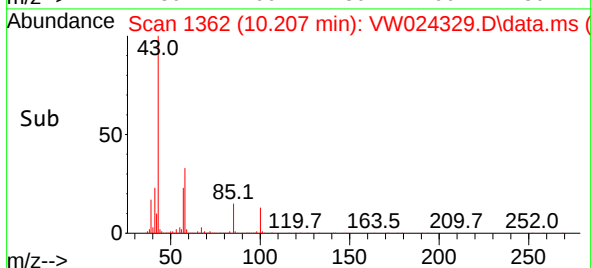
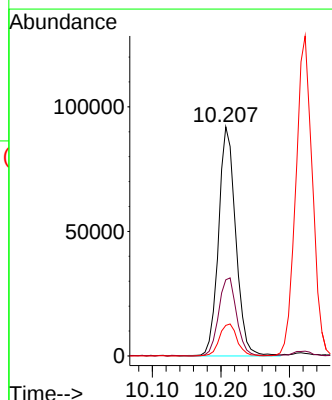
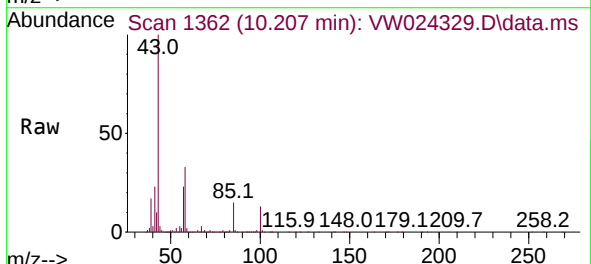
Tgt Ion: 43 Resp: 159529

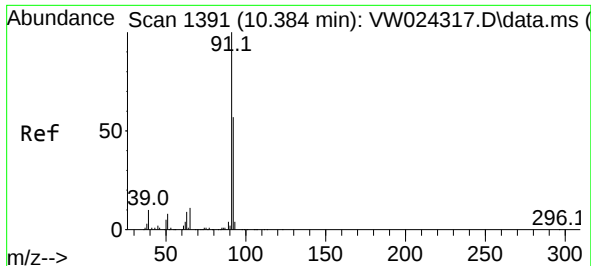
Ion Ratio Lower Upper

43 100

58 35.7 30.5 45.7

100 14.5 13.8 20.6

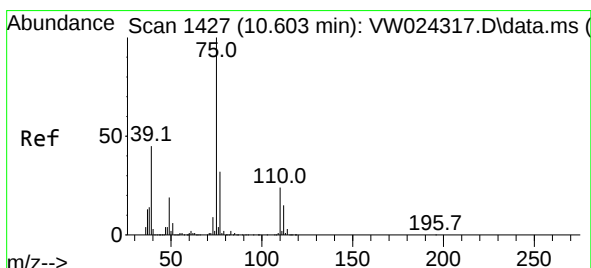
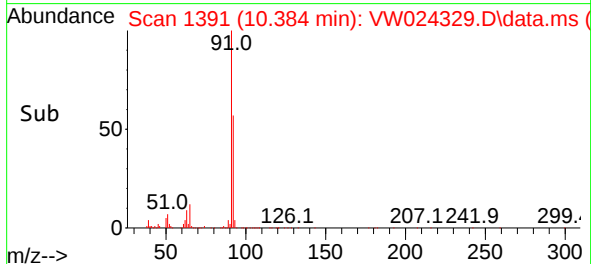
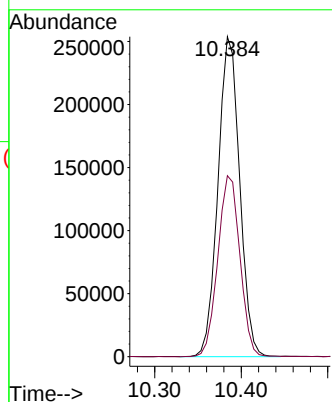
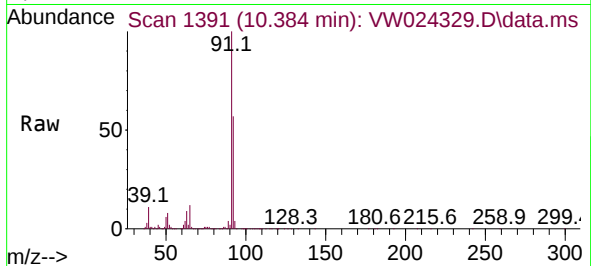




#42
Toluene
Concen: 30.638 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

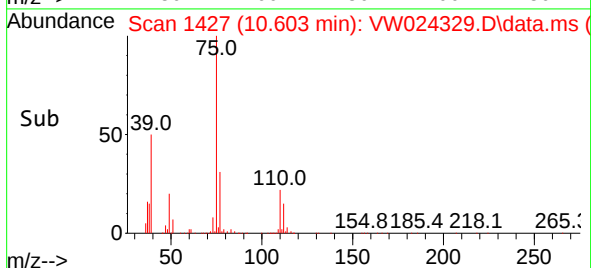
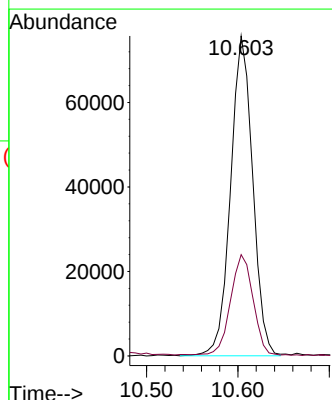
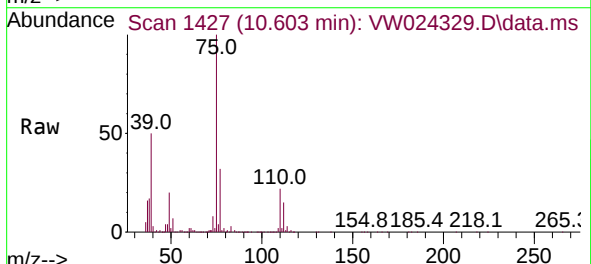
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

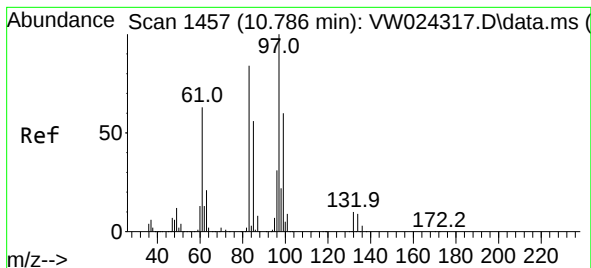
Tgt Ion: 91 Resp: 441450
Ion Ratio Lower Upper
91 100
92 56.5 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 28.229 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion: 75 Resp: 127190
Ion Ratio Lower Upper
75 100
77 31.7 22.4 41.6

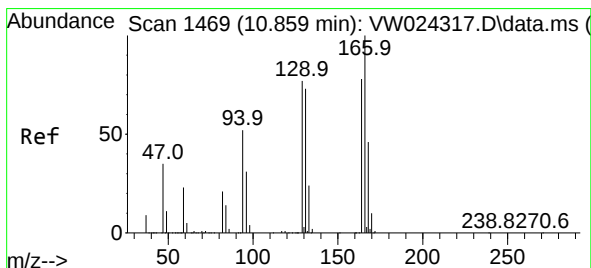
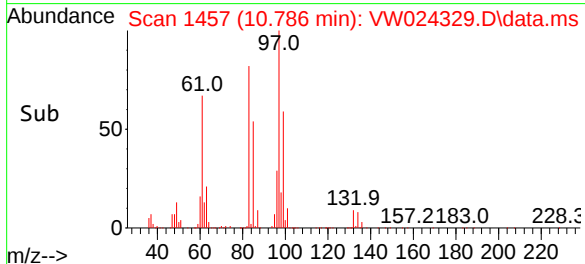
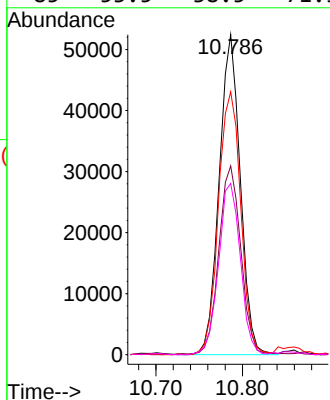
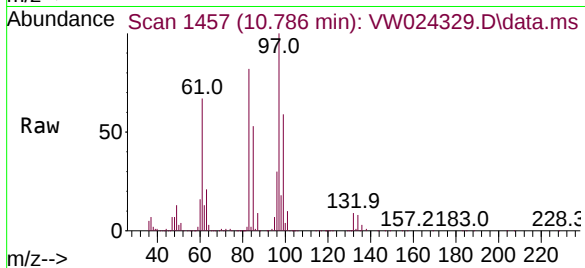




#45
1,1,2-Trichloroethane
Concen: 31.429 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

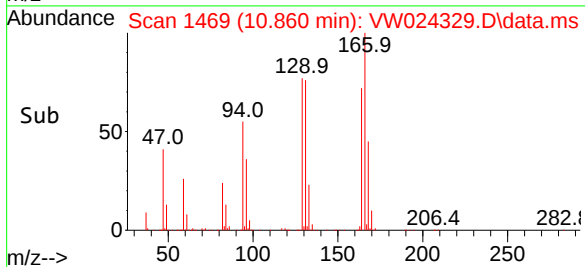
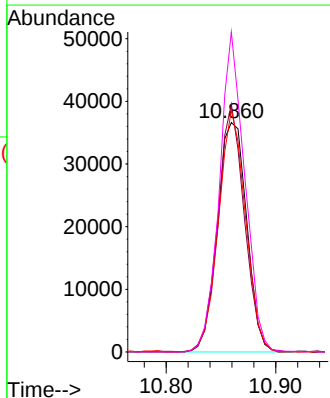
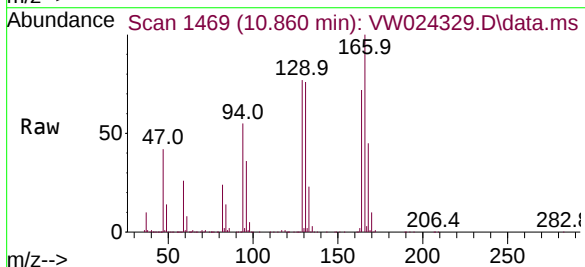
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

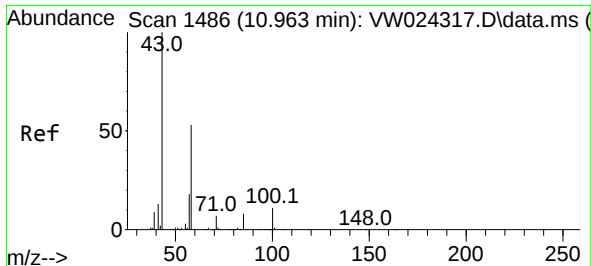
Tgt Ion:	97	Resp:	88789
Ion	Ratio	Lower	Upper
97	100		
99	59.0	43.8	81.3
83	82.1	56.4	104.7
85	53.5	38.5	71.5



#46
Tetrachloroethene
Concen: 23.275 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion:	164	Resp:	67531
Ion	Ratio	Lower	Upper
164	100		
129	108.0	63.1	117.3
131	105.5	63.9	118.7
166	139.5	86.8	161.2

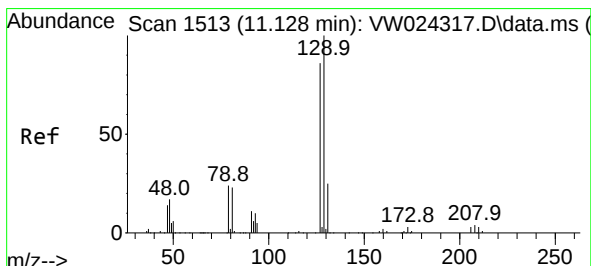
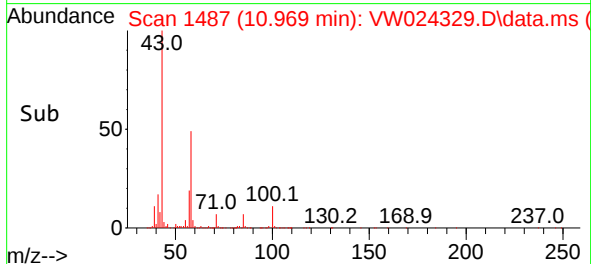
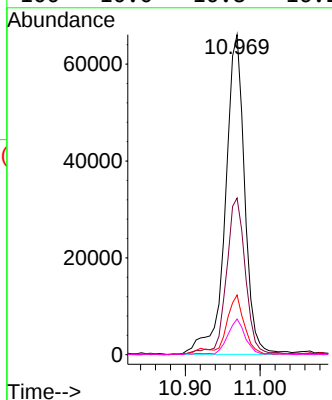
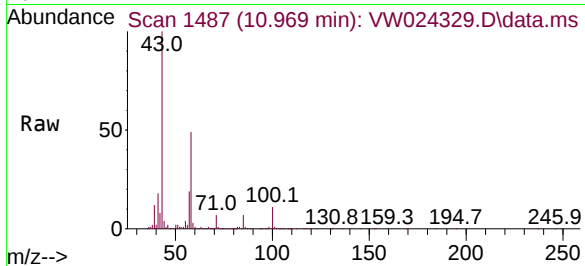




#48
2-Hexanone
Concen: 78.559 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

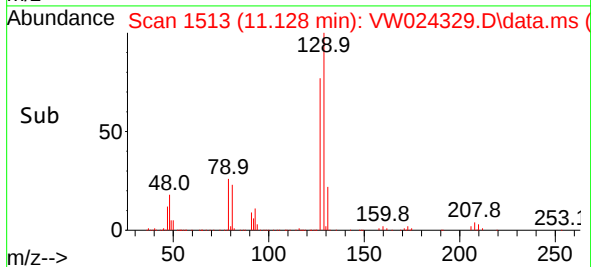
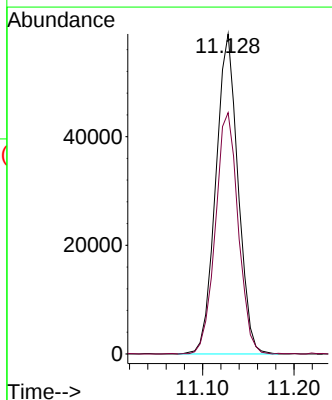
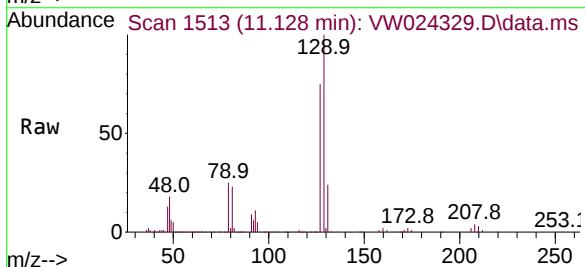
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

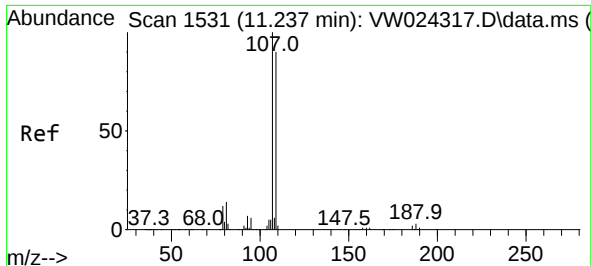
Tgt Ion: 43 Resp: 118596
Ion Ratio Lower Upper
43 100
58 46.6 43.4 65.0
57 16.2 15.0 22.4
100 10.0 10.8 16.2#



#49
Dibromochloromethane
Concen: 29.253 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion:129 Resp: 99491
Ion Ratio Lower Upper
129 100
127 75.4 52.3 97.1





#50

1,2-Dibromoethane

Concen: 27.144 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

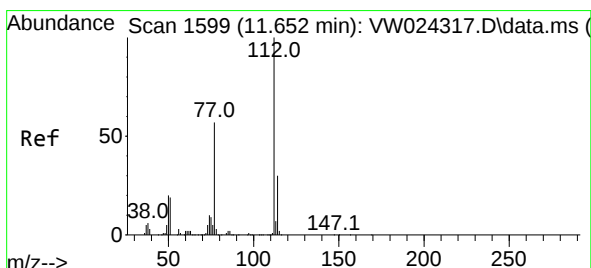
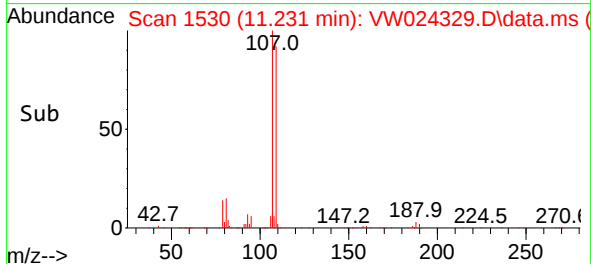
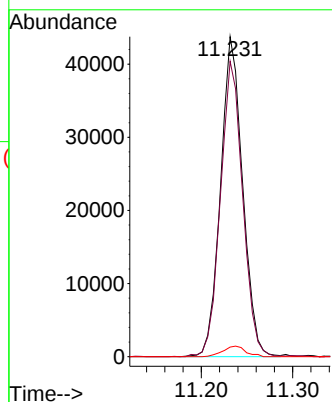
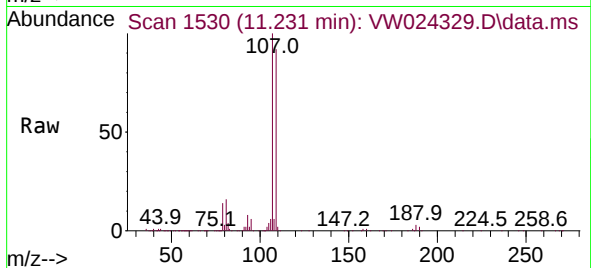
Tgt Ion:107 Resp: 73470

Ion Ratio Lower Upper

107 100

109 92.3 64.0 119.0

188 3.0 3.1 4.7#



#51

Chlorobenzene

Concen: 25.093 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

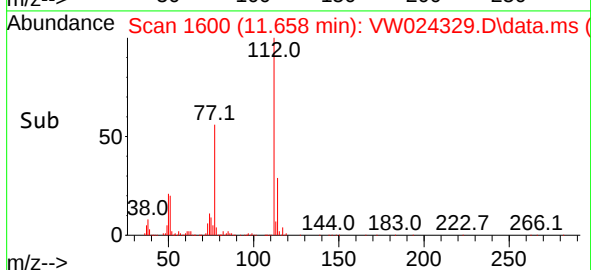
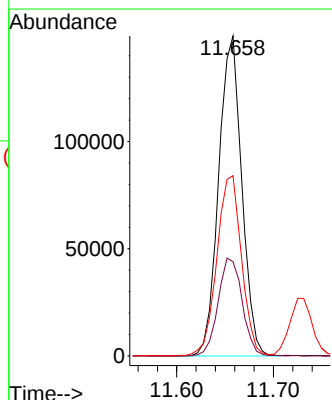
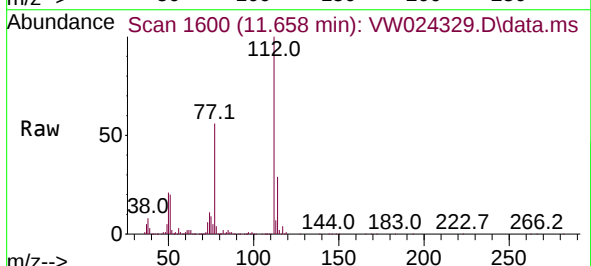
Tgt Ion:112 Resp: 247030

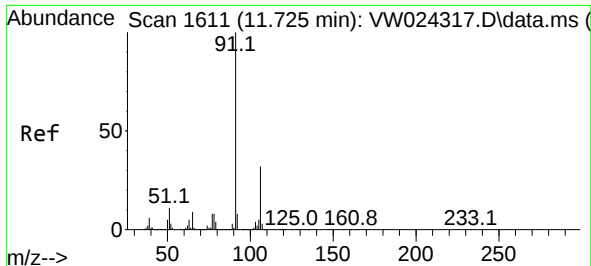
Ion Ratio Lower Upper

112 100

114 29.4 20.7 38.5

77 56.3 41.4 62.2

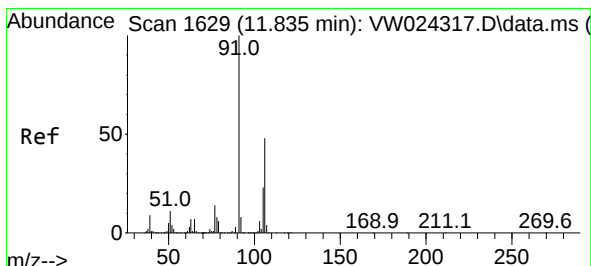
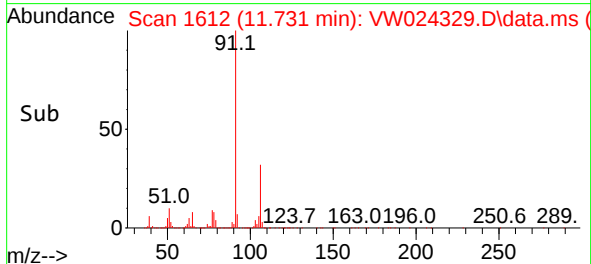
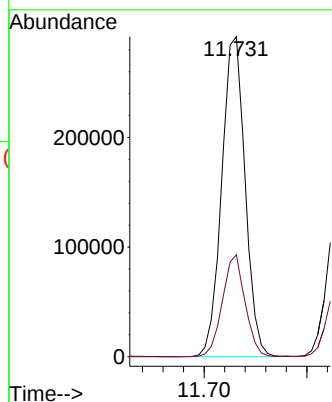
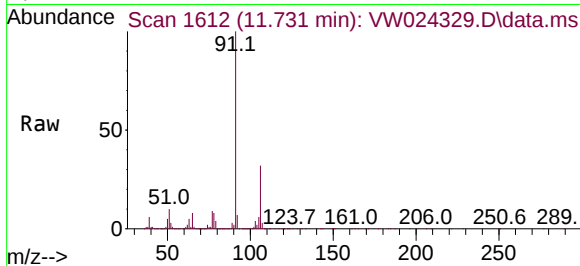




#52
Ethylbenzene
Concen: 29.219 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

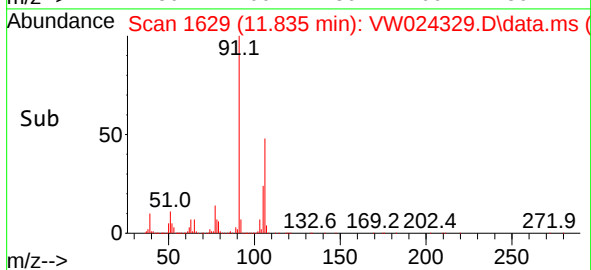
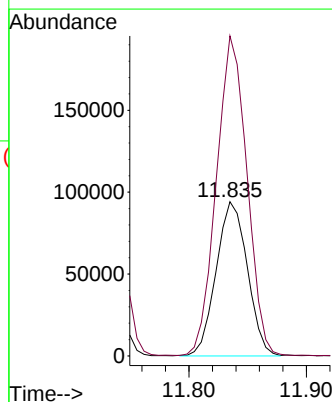
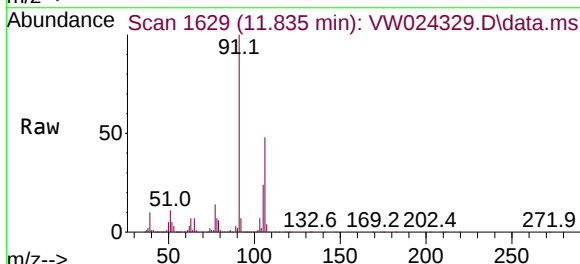
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

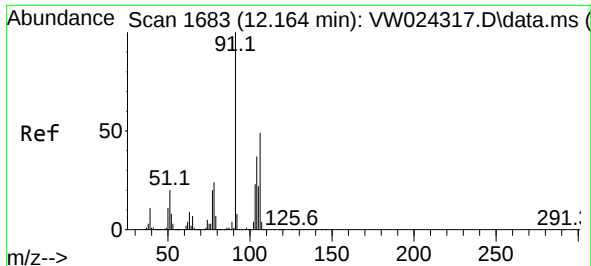
Tgt Ion: 91 Resp: 461265
Ion Ratio Lower Upper
91 100
106 31.8 21.9 40.7



#53
m,p-Xylene
Concen: 28.287 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion:106 Resp: 173822
Ion Ratio Lower Upper
106 100
91 207.5 144.1 267.7

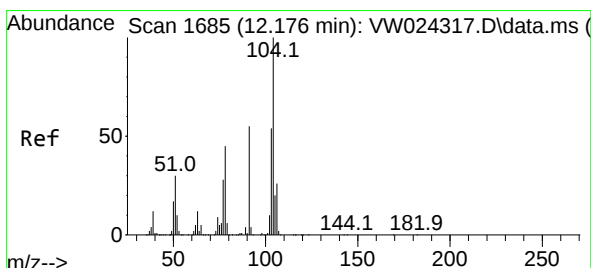
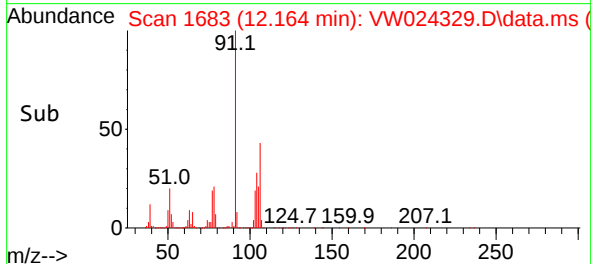
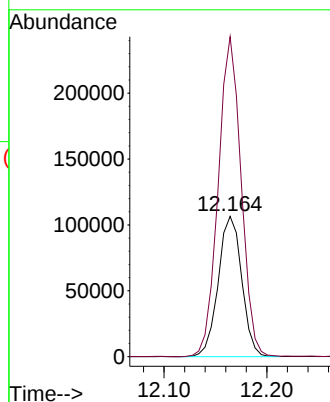
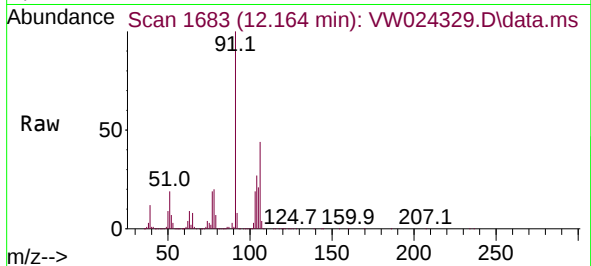




#54
o-Xylene
Concen: 29.130 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

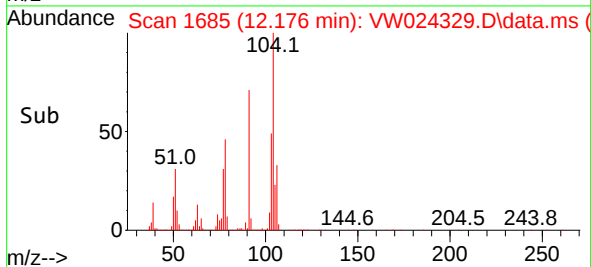
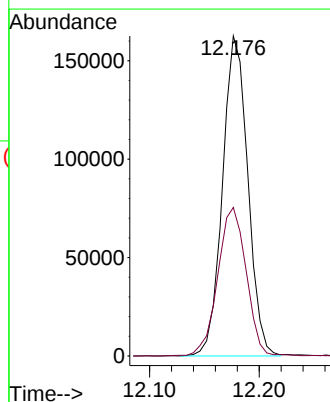
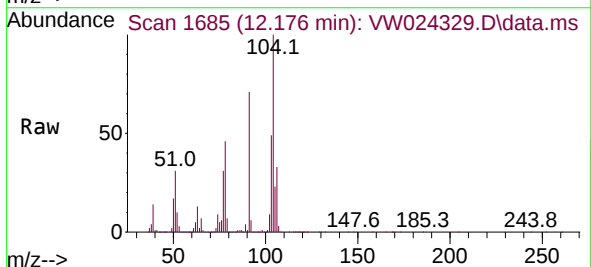
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

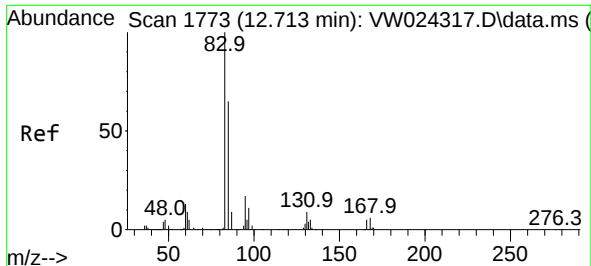
Tgt Ion:106 Resp: 169109
Ion Ratio Lower Upper
106 100
91 227.9 150.9 280.3



#55
Styrene
Concen: 25.822 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion:104 Resp: 260712
Ion Ratio Lower Upper
104 100
78 46.4 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 30.715 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

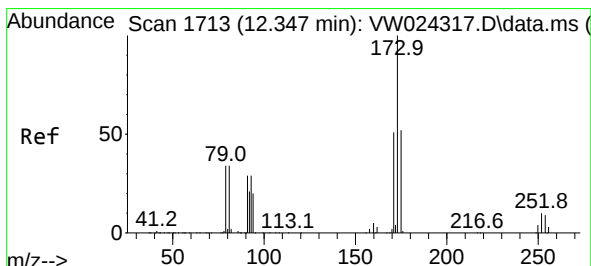
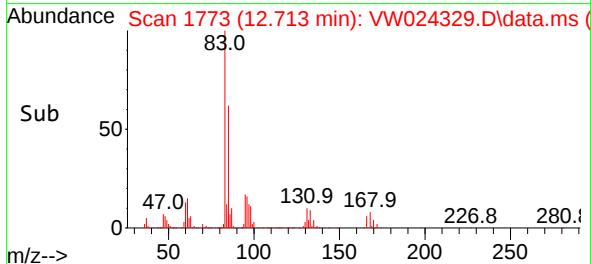
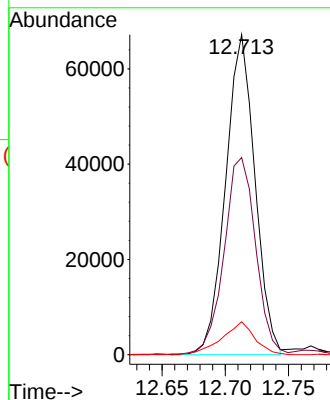
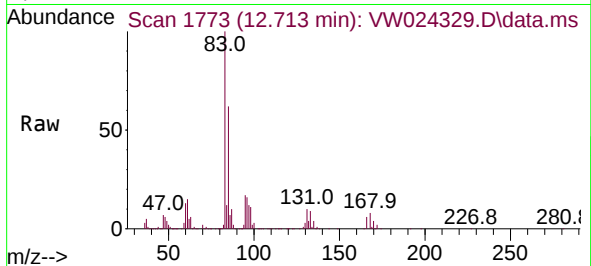
Tgt Ion: 83 Resp: 108444

Ion Ratio Lower Upper

83 100

85 61.6 44.1 81.9

131 10.3 8.3 12.5



#59

Bromoform

Concen: 38.878 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

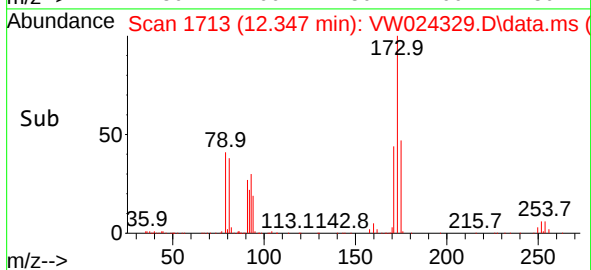
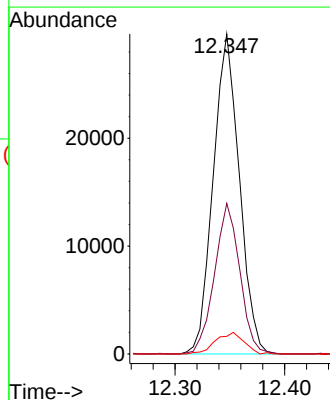
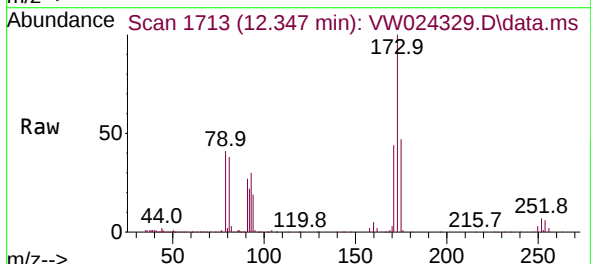
Tgt Ion: 173 Resp: 49125

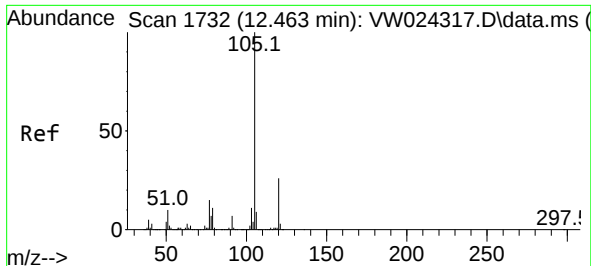
Ion Ratio Lower Upper

173 100

175 45.6 39.0 58.6

254 7.3 6.8 10.2

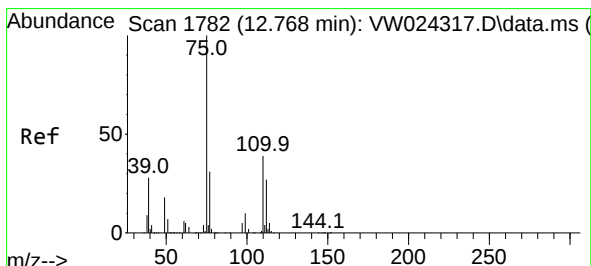
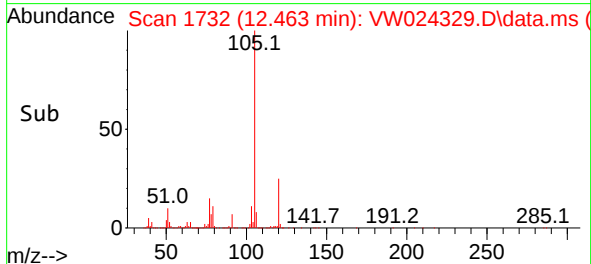
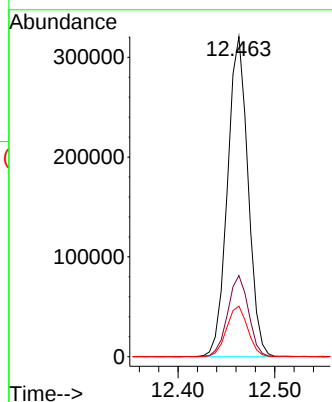
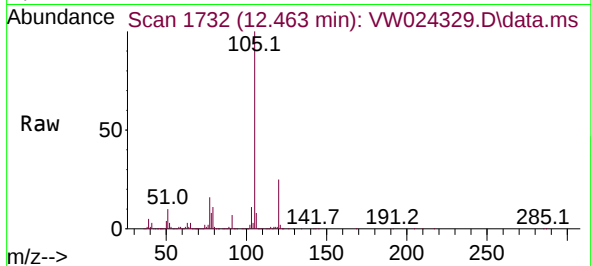




#60
Isopropylbenzene
Concen: 46.980 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

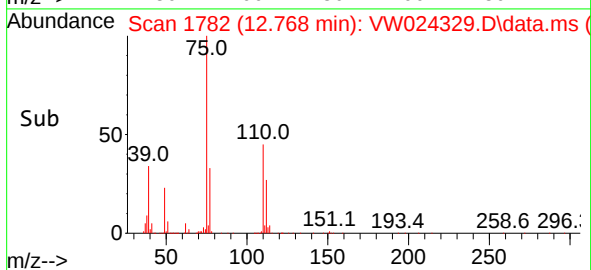
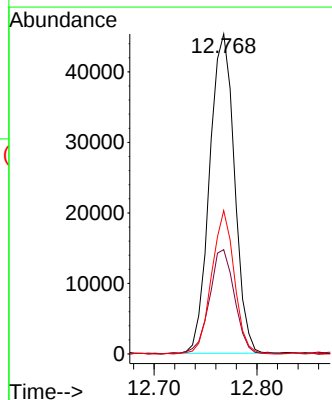
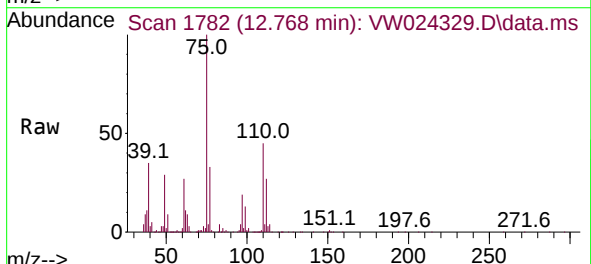
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

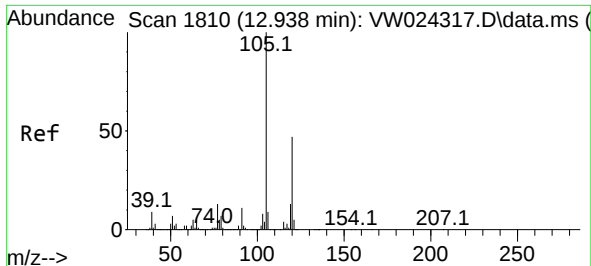
Tgt Ion:105 Resp: 471125
Ion Ratio Lower Upper
105 100
120 25.8 21.4 32.2
77 16.3 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 46.084 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion: 75 Resp: 75973
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.4
110 40.9 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 42.079 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

Instrument :

MSVOA_W

ClientSampleId :

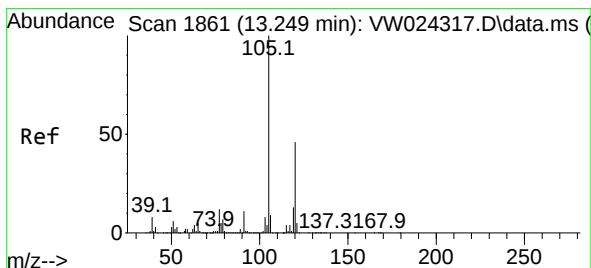
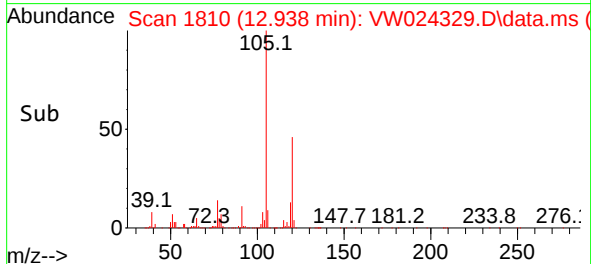
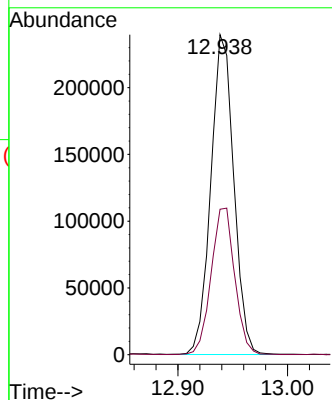
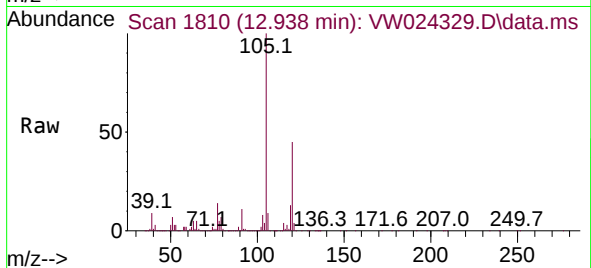
EY163MSD

Tgt Ion:105 Resp: 348717

Ion Ratio Lower Upper

105 100

120 47.0 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 39.224 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024329.D

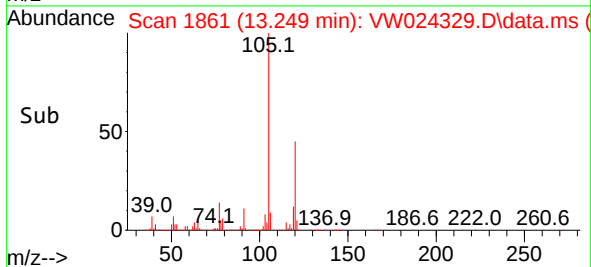
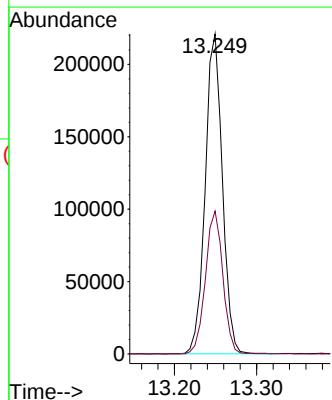
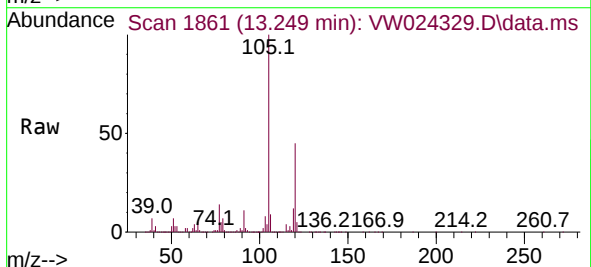
Acq: 24 Aug 2022 18:15

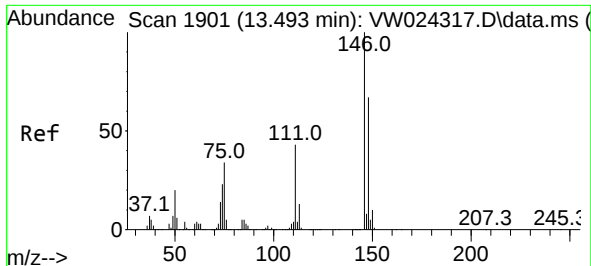
Tgt Ion:105 Resp: 320131

Ion Ratio Lower Upper

105 100

120 45.2 36.4 54.6

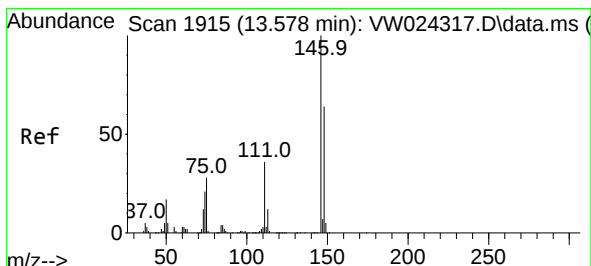
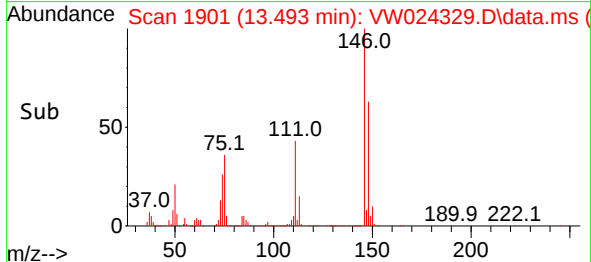
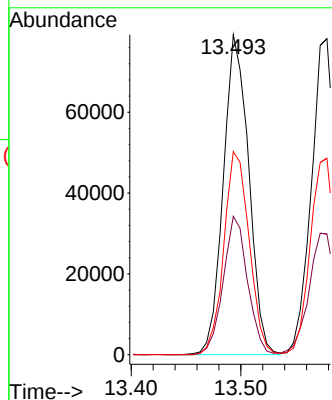
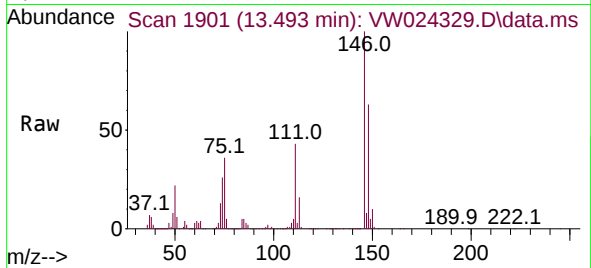




#64
1,3-Dichlorobenzene
Concen: 25.966 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

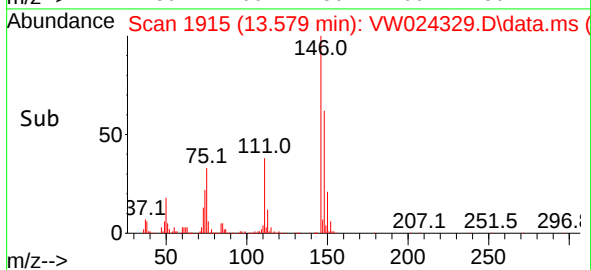
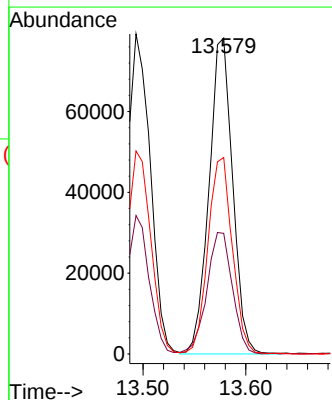
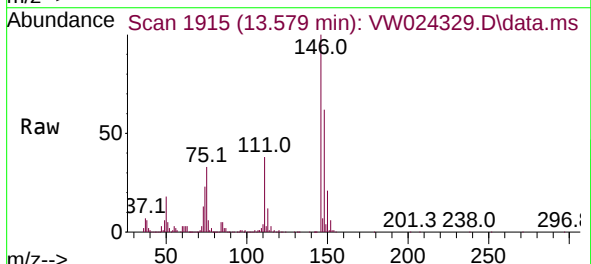
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

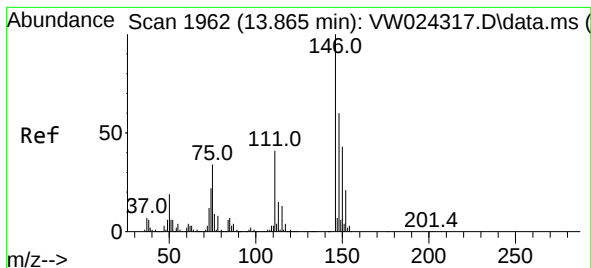
Tgt Ion:146 Resp: 127509
Ion Ratio Lower Upper
146 100
111 43.2 28.0 52.0
148 63.4 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 24.076 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion:146 Resp: 125195
Ion Ratio Lower Upper
146 100
111 38.2 27.6 51.4
148 62.2 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 25.819 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

Instrument :

MSVOA_W

ClientSampleId :

EY163MSD

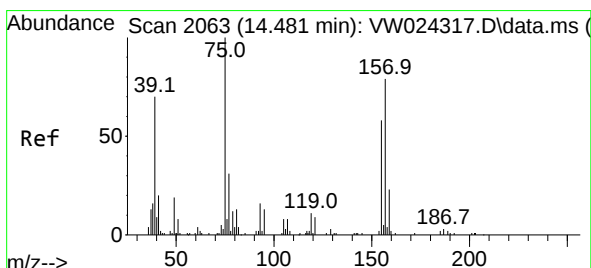
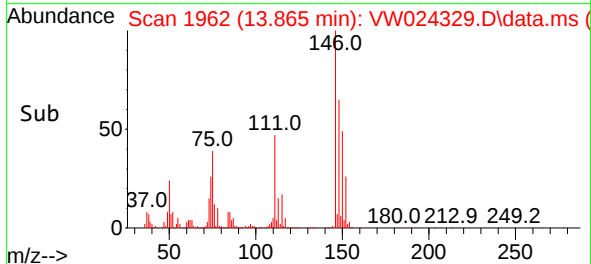
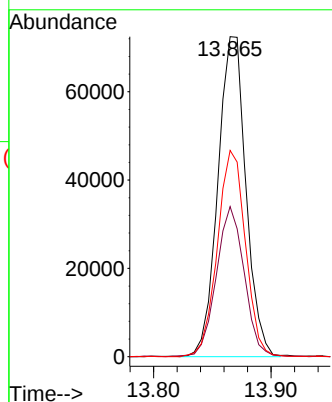
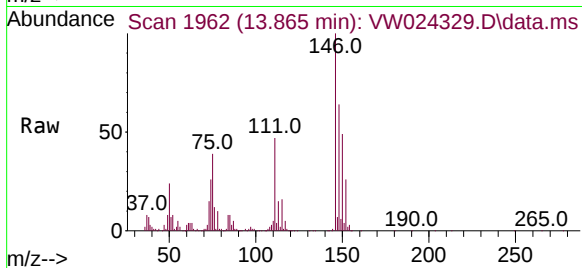
Tgt Ion:146 Resp: 120398

Ion Ratio Lower Upper

146 100

111 46.9 29.0 43.6#

148 64.5 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 37.570 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024329.D

Acq: 24 Aug 2022 18:15

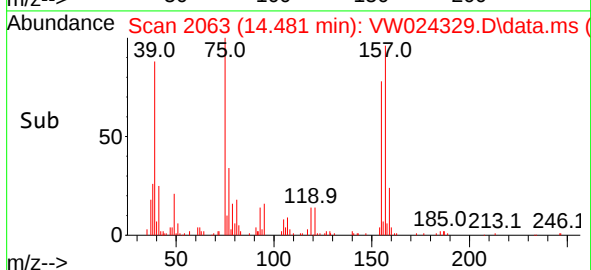
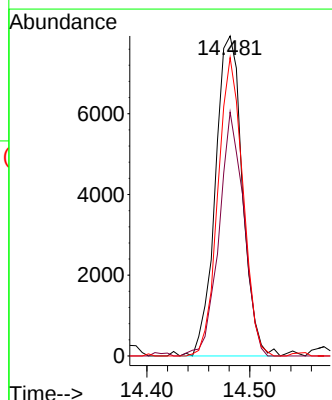
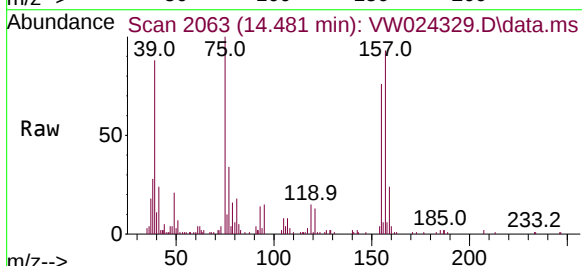
Tgt Ion: 75 Resp: 14471

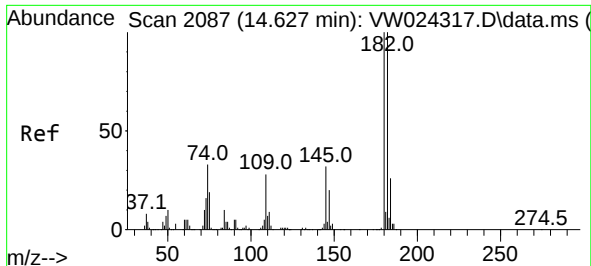
Ion Ratio Lower Upper

75 100

155 76.3 68.8 103.2

157 93.2 91.5 137.3

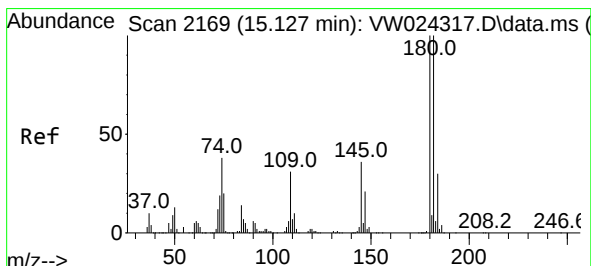
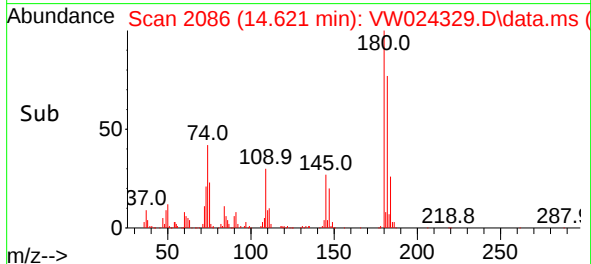
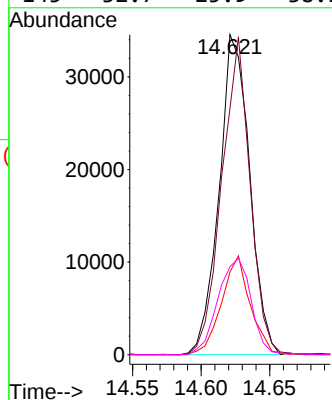
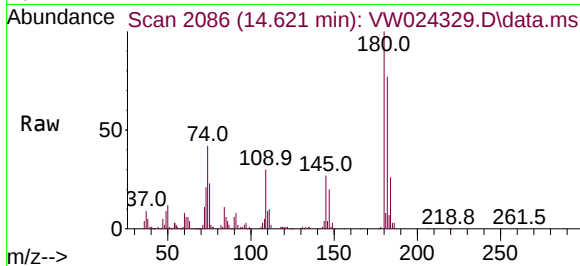




#69
1,3,5-Trichlorobenzene
Concen: 16.605 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

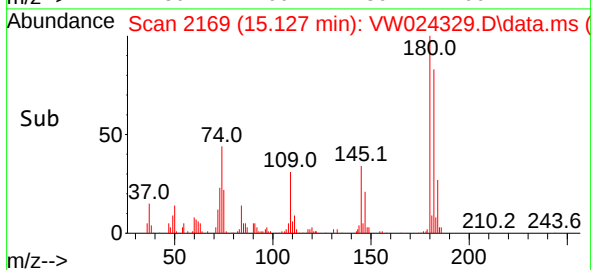
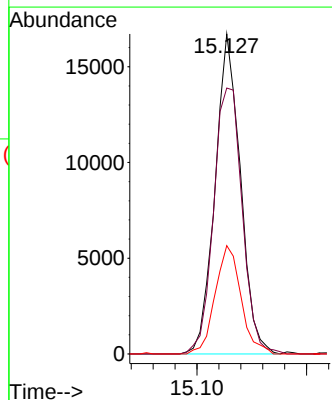
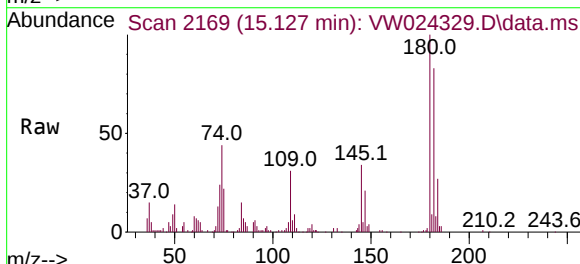
Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

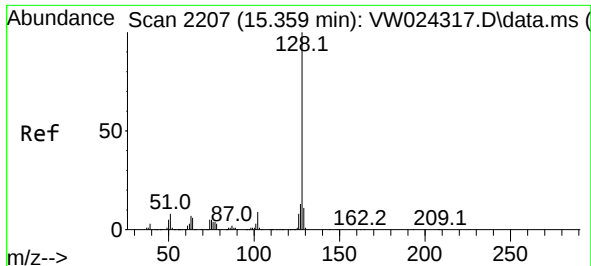
Tgt Ion:180	Resp:	53469
Ion Ratio	Lower	Upper
180	100	
182	92.0	78.4 117.6
184	29.2	24.7 37.1
145	32.7	25.9 38.9



#70
1,2,4-trichlorobenzene
Concen: 10.411 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion:180	Resp:	26848
Ion Ratio	Lower	Upper
180	100	
182	93.8	75.0 112.4
145	34.6	25.1 37.7

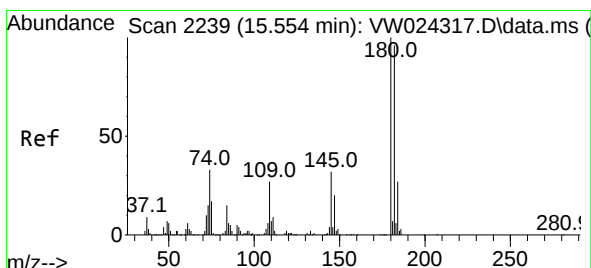
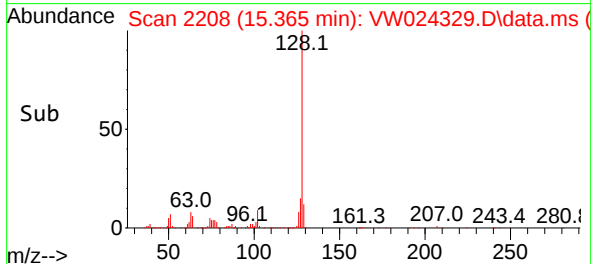
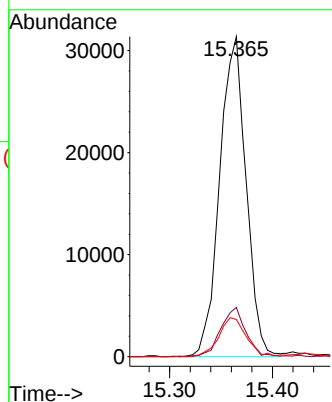
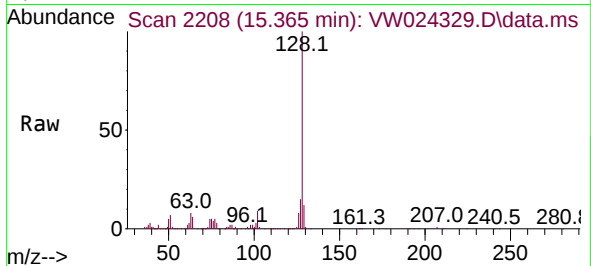




#71
Naphthalene
Concen: 11.135 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

Tgt Ion:128 Resp: 55931
Ion Ratio Lower Upper
128 100
127 14.7 10.7 16.1
129 12.3 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 9.916 ug/L
RT: 15.542 min Scan# 2237
Delta R.T. -0.012 min
Lab File: VW024329.D
Acq: 24 Aug 2022 18:15

Tgt Ion:180 Resp: 23280
Ion Ratio Lower Upper
180 100
182 106.8 75.4 113.2
145 36.0 26.9 40.3

