

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082322\
 Data File : VW024313.D
 Acq On : 23 Aug 2022 19:29
 Operator : SY/VA
 Sample : N4322-02MS
 Misc : 4.18g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY163MS

Quant Time: Aug 24 01:09:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 24 01:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	188210	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	145757	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	39974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	91222	23.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.760%
7) Chloroethane-d5	2.873	69	72907	29.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.000%
11) 1,1-Dichloroethene-d2	4.013	63	79053	17.632	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.520%
21) 2-Butanone-d5	7.074	46	35237	48.144	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.280%
24) Chloroform-d	7.647	84	137523	24.149	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	8.305	65	77321	24.456	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.840%
32) Benzene-d6	8.275	84	234678	27.300	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	9.274	67	82311	32.431	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.720%#
41) Toluene-d8	10.323	98	204327	25.430	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.720%
43) trans-1,3-Dichloroprop...	10.579	79	27450	24.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.760%
47) 2-Hexanone-d5	10.927	63	29553	63.040	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	74242	30.150	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.600%#
66) 1,2-Dichlorobenzene-d4	13.847	152	33279	22.750	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	42528	25.684	ug/L	99
3) Chloromethane	2.215	50	68019	21.903	ug/L	97
5) Vinyl chloride	2.349	62	126854	29.344	ug/L	99
6) Bromomethane	2.763	94	76486	30.858	ug/L	93
8) Chloroethane	2.910	64	65864	34.782	ug/L	97
9) Trichlorofluoromethane	3.245	101	50934	24.855	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	54988	19.896	ug/L	93
12) 1,1-Dichloroethene	4.025	96	42960	18.986	ug/L	88
13) Acetone	4.123	43	23753	44.080	ug/L	68
14) Carbon disulfide	4.373	76	115401	15.938	ug/L	97
15) Methyl Acetate	4.672	43	25189	20.753	ug/L	92
16) Methylene chloride	4.909	84	67254	20.263	ug/L	90
17) trans-1,2-Dichloroethene	5.421	96	51474	19.699	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	102000	27.375	ug/L	94
19) 1,1-Dichloroethane	6.214	63	123054	26.734	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	65091	22.682	ug/L #	98
22) 2-Butanone	7.171	43	45232	49.813	ug/L	95
23) Bromochloromethane	7.513	128	31817	22.263	ug/L	87
25) Chloroform	7.677	83	141577	27.913	ug/L	96

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 Response via : Initial Calibration

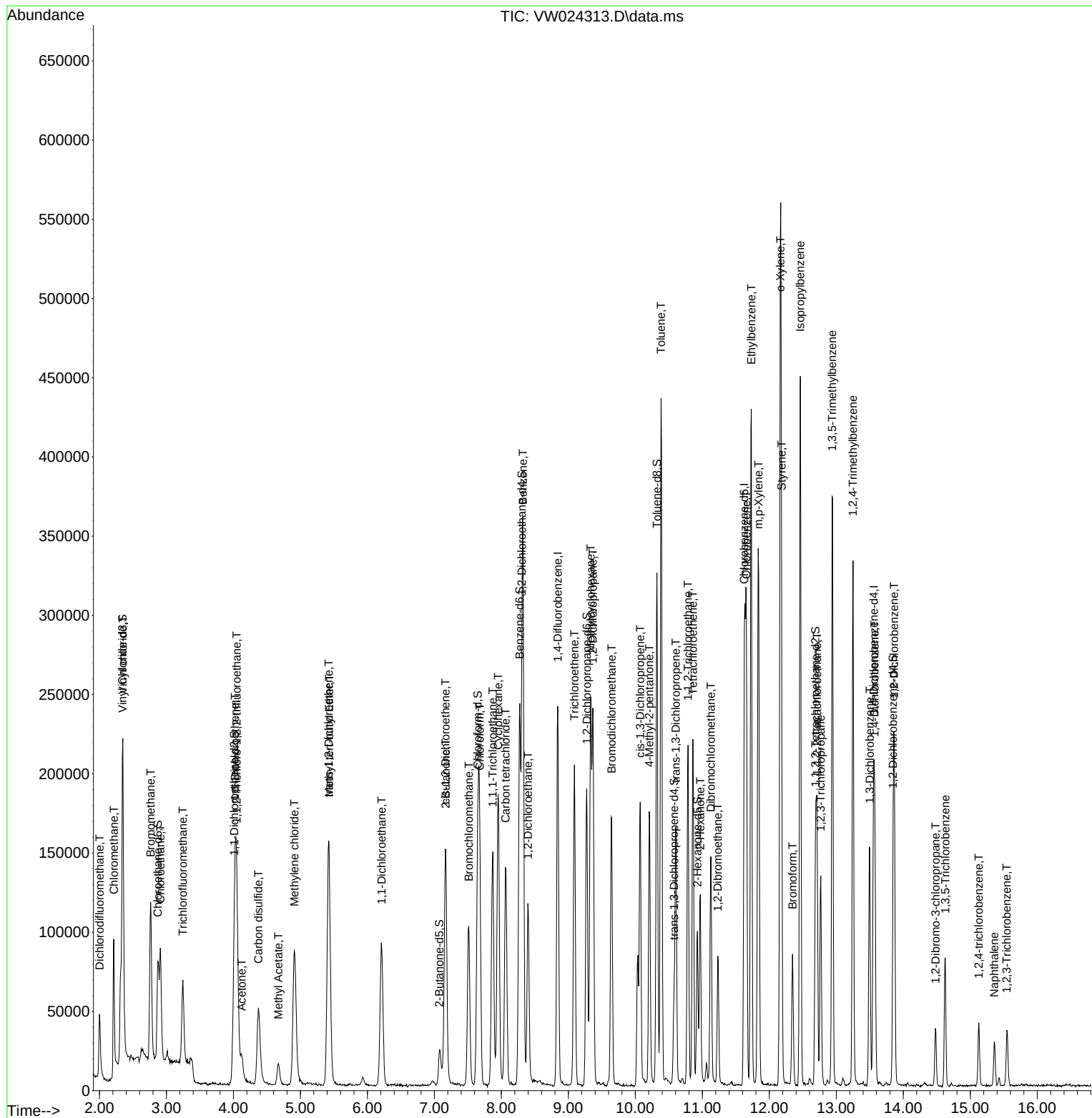
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	97483	28.563	ug/L	98
29) Cyclohexane	7.951	56	88088	29.478	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	110978	33.762	ug/L	96
31) Carbon tetrachloride	8.061	117	97097	31.311	ug/L	97
33) Benzene	8.323	78	294204	34.175	ug/L	100
34) Trichloroethene	9.091	95	66548	29.247	ug/L	96
35) Methylcyclohexane	9.335	83	86686	24.294	ug/L	96
37) 1,2-Dichloropropane	9.366	63	80483	37.820	ug/L	100
38) Bromodichloromethane	9.646	83	108255	36.270	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	97641	31.188	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	108835	77.061	ug/L	98
42) Toluene	10.384	91	302173	33.031	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	84111	29.402	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	62961	35.102	ug/L	96
46) Tetrachloroethene	10.859	164	42853	23.263	ug/L	94
48) 2-Hexanone	10.969	43	74963	78.211	ug/L	97
49) Dibromochloromethane	11.128	129	69102	32.002	ug/L	99
50) 1,2-Dibromoethane	11.231	107	50016	29.105	ug/L #	93
51) Chlorobenzene	11.658	112	148857	23.816	ug/L	96
52) Ethylbenzene	11.731	91	282052	28.141	ug/L	99
53) m,p-Xylene	11.841	106	104859	26.877	ug/L	95
54) o-Xylene	12.164	106	105946	28.744	ug/L	95
55) Styrene	12.182	104	132361	20.648	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	71616	31.948	ug/L	98
59) Bromoform	12.347	173	31019	50.873	ug/L	100
60) Isopropylbenzene	12.463	105	264987	54.759	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	49868	62.685	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	187464	46.878	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	162080	41.154	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	57503	24.267	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	54908	21.882	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	57835	25.702	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	8712	46.872	ug/L	85
69) 1,3,5-Trichlorobenzene	14.627	180	21818	14.041	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	10021	8.053	ug/L	96
71) Naphthalene	15.359	128	21333	8.802	ug/L	98
72) 1,2,3-Trichlorobenzene	15.542	180	8759	7.732	ug/L #	86

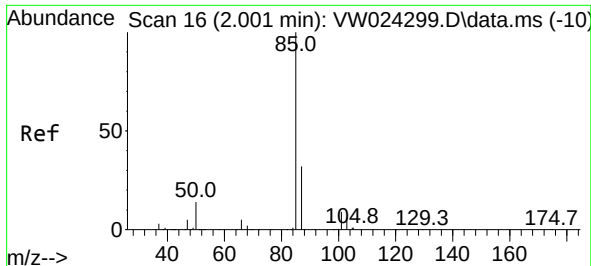
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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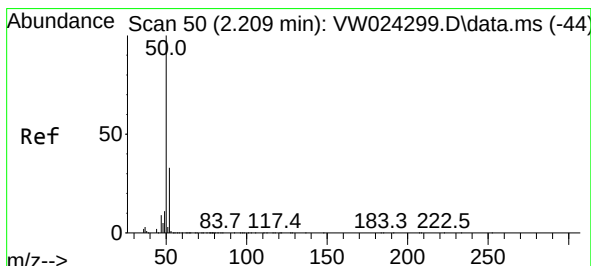
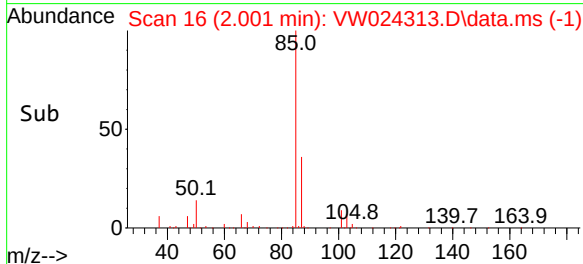
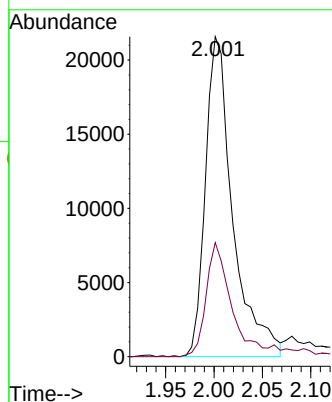
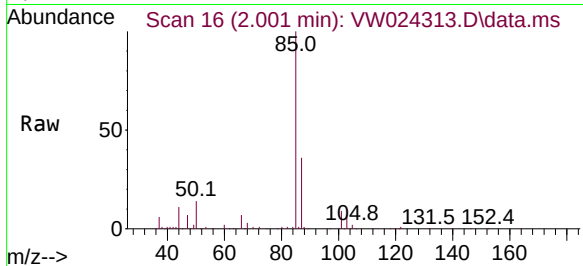




#2
 Dichlorodifluoromethane
 Concen: 25.684 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024313.D
 Acq: 23 Aug 2022 19:29

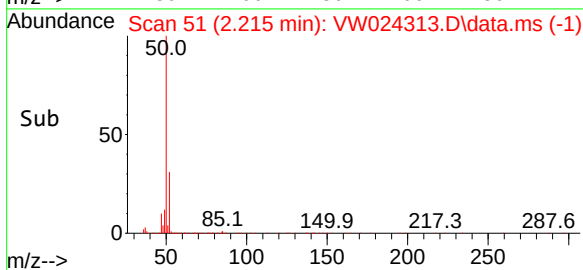
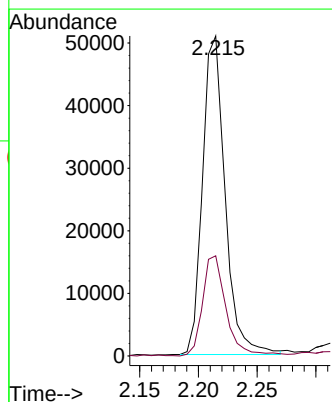
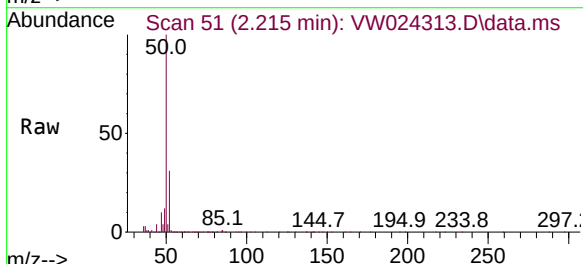
Instrument :
 MSVOA_W
 ClientSampleId :
 EY163MS

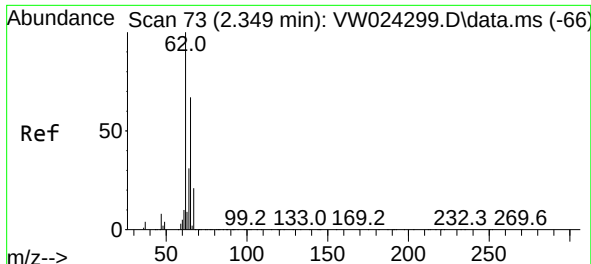
Tgt Ion: 85 Resp: 42528
 Ion Ratio Lower Upper
 85 100
 87 29.9 24.5 36.7



#3
 Chloromethane
 Concen: 21.903 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW024313.D
 Acq: 23 Aug 2022 19:29

Tgt Ion: 50 Resp: 68019
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.2 43.2

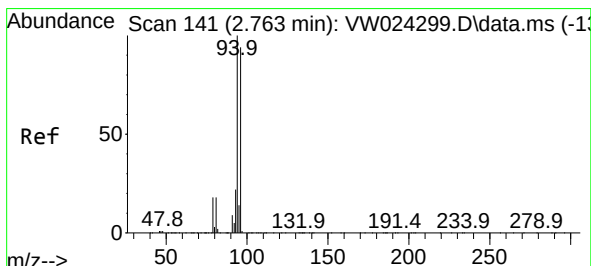
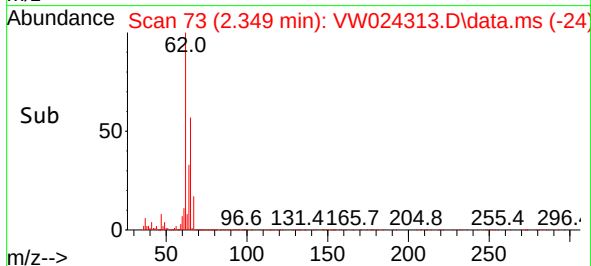
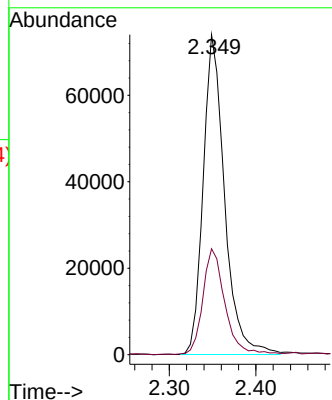
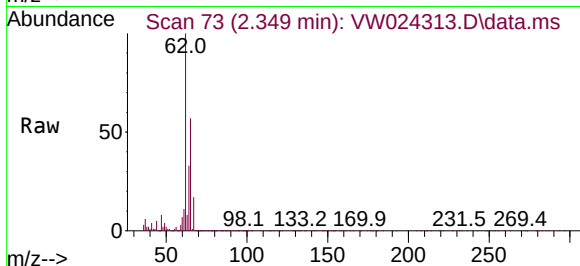




#5
 Vinyl chloride
 Concen: 29.344 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024313.D
 Acq: 23 Aug 2022 19:29

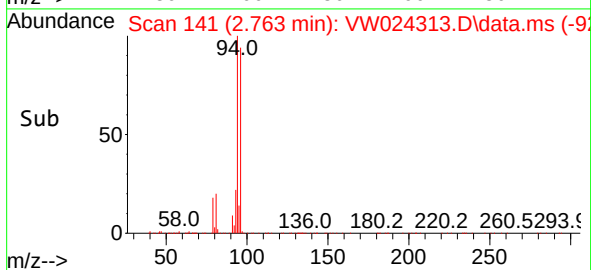
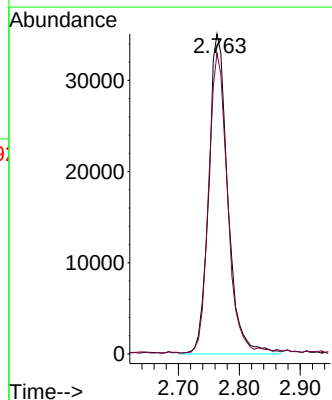
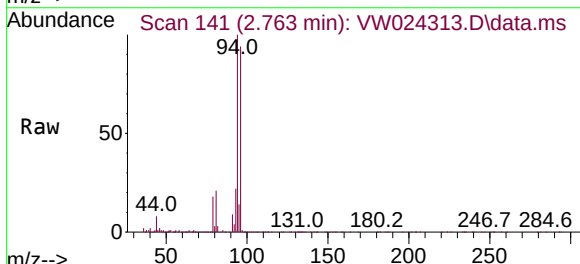
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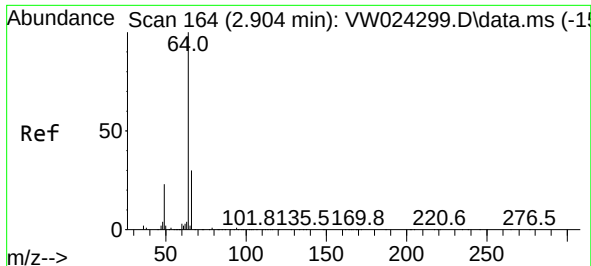
Tgt Ion: 62 Resp: 126854
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.7 42.3



#6
 Bromomethane
 Concen: 30.858 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024313.D
 Acq: 23 Aug 2022 19:29

Tgt Ion: 94 Resp: 76486
 Ion Ratio Lower Upper
 94 100
 96 94.0 61.0 113.4

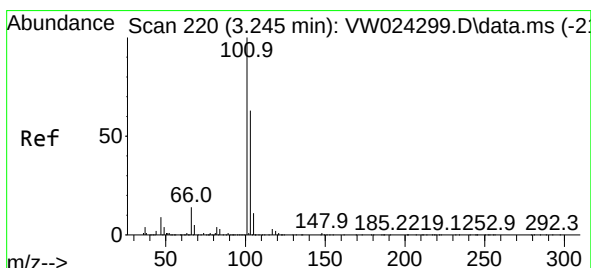
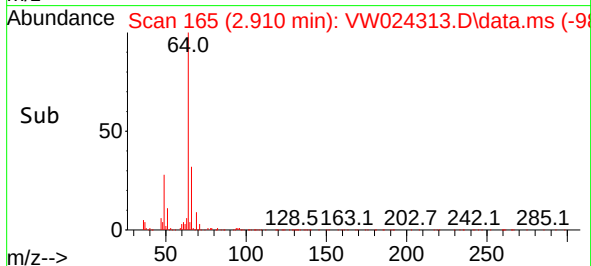
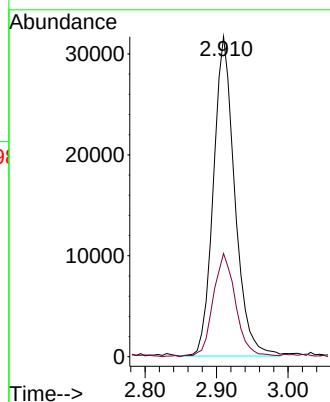
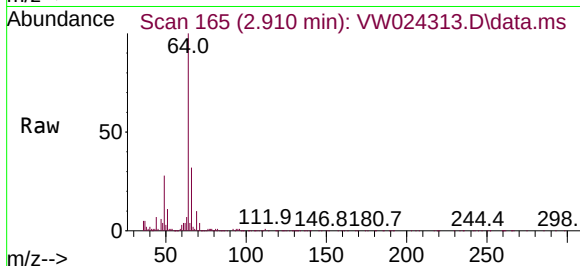




#8
Chloroethane
Concen: 34.782 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

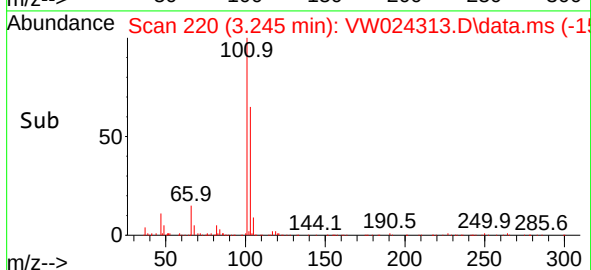
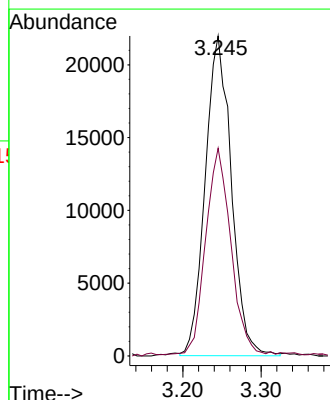
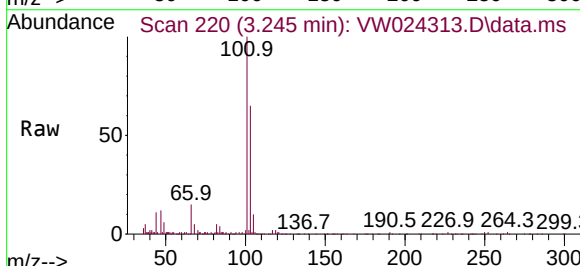
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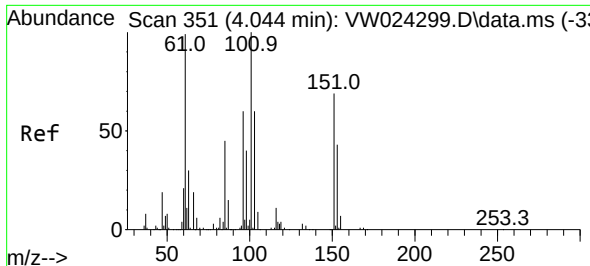
Tgt Ion: 64 Resp: 65864
Ion Ratio Lower Upper
64 100
66 32.3 21.6 40.0



#9
Trichlorofluoromethane
Concen: 24.855 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion: 101 Resp: 50934
Ion Ratio Lower Upper
101 100
103 62.9 50.5 75.7

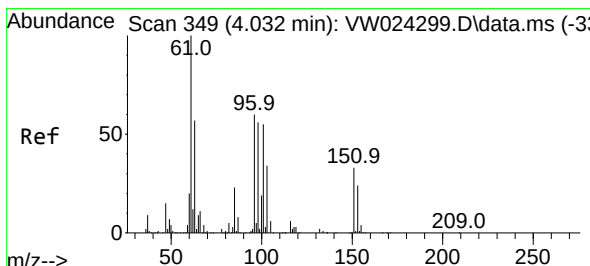
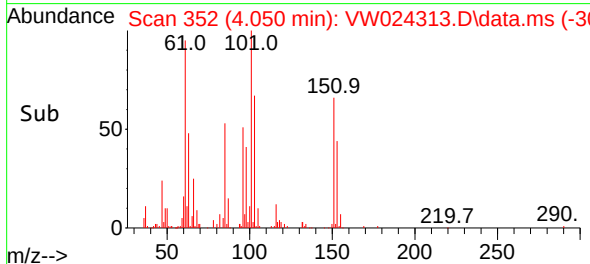
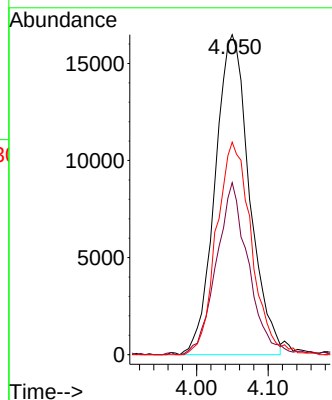
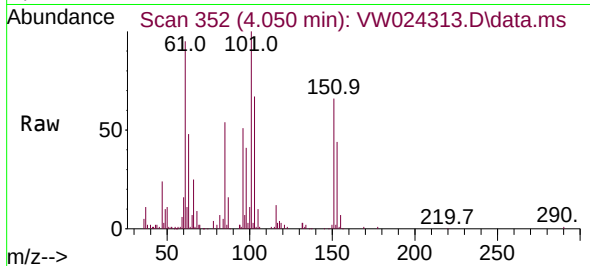




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.896 ug/L
 RT: 4.050 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW024313.D
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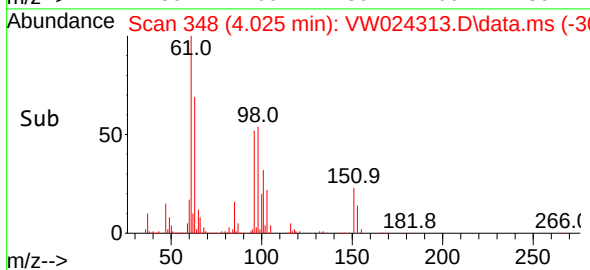
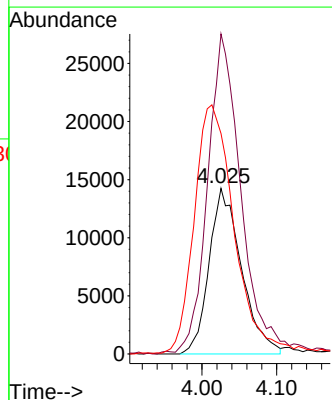
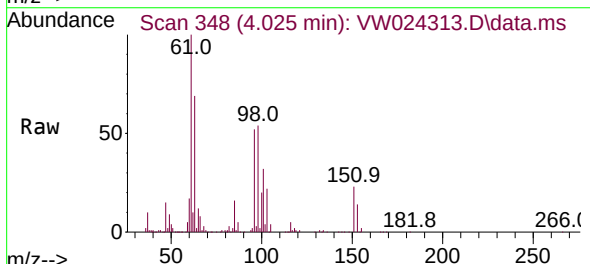
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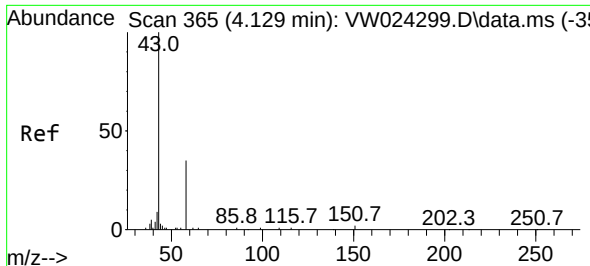
Tgt Ion:101 Resp: 54988
 Ion Ratio Lower Upper
 101 100
 85 50.0 34.9 52.3
 151 67.4 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 18.986 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024313.D
 Acq: 23 Aug 2022 19:29

Tgt Ion: 96 Resp: 42960
 Ion Ratio Lower Upper
 96 100
 61 193.2 123.1 228.5
 63 133.1 84.9 157.7





#13

Acetone

Concen: 44.080 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.006 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

Instrument :

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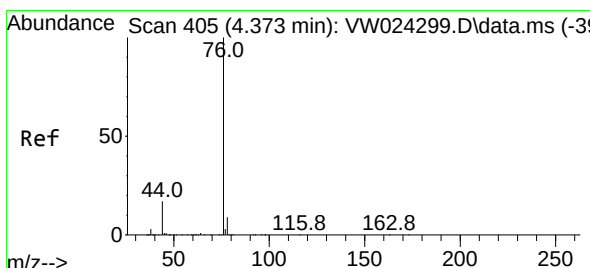
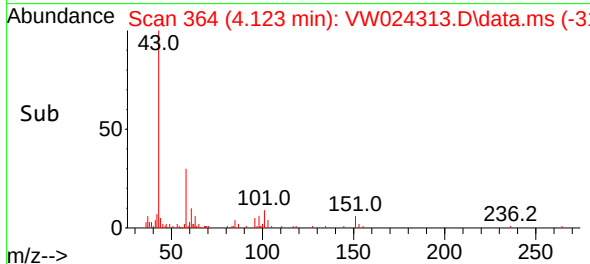
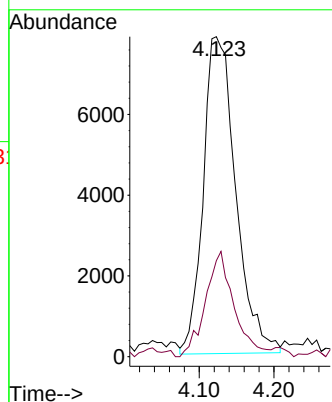
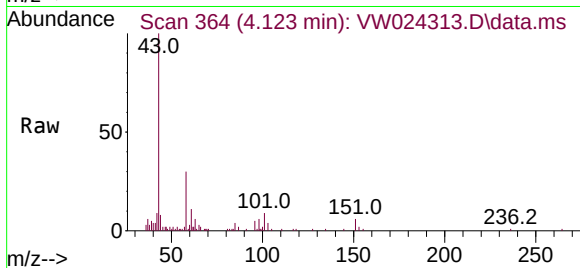
EY163MS

Tgt Ion: 43 Resp: 23753

Ion Ratio Lower Upper

43 100

58 29.4 0.0 31.8



#14

Carbon disulfide

Concen: 15.938 ug/L

RT: 4.373 min Scan# 405

Delta R.T. -0.000 min

Lab File: VW024313.D

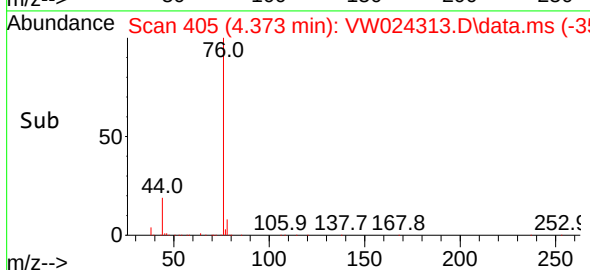
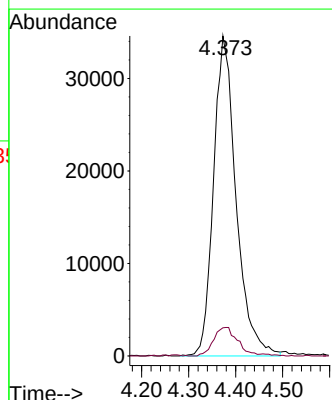
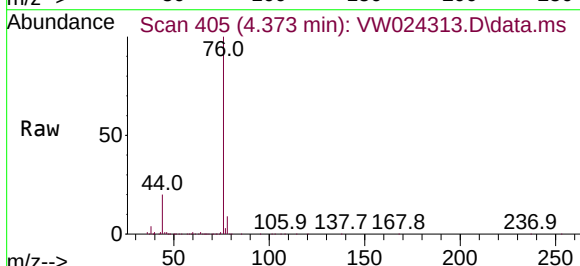
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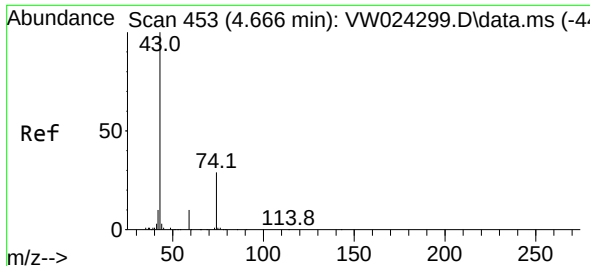
Tgt Ion: 76 Resp: 115401

Ion Ratio Lower Upper

76 100

78 8.8 7.9 11.9

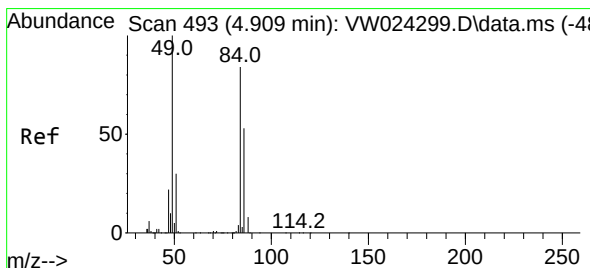
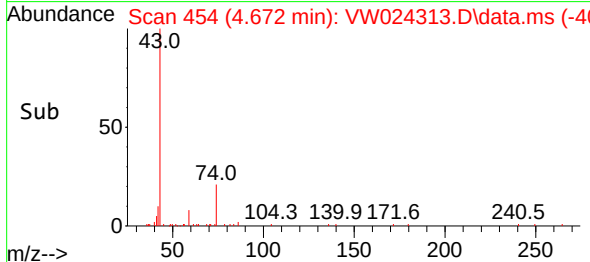
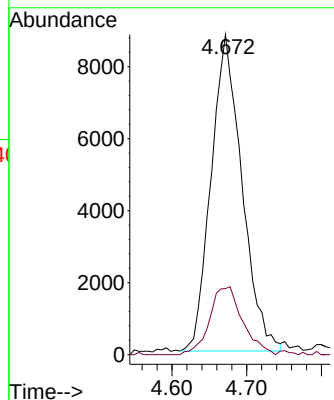
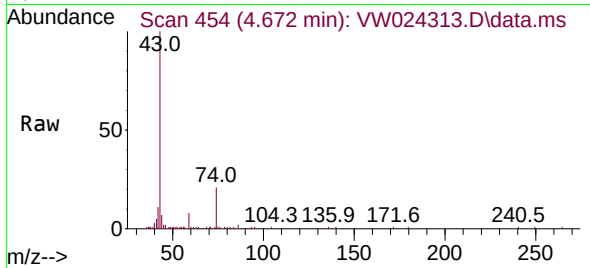




#15
Methyl Acetate
Concen: 20.753 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

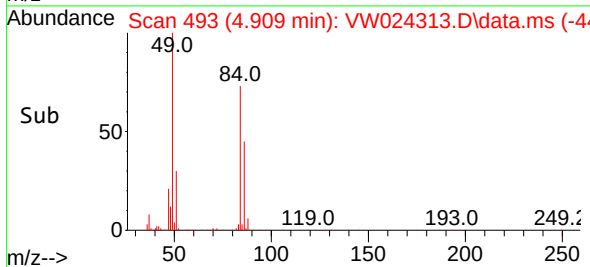
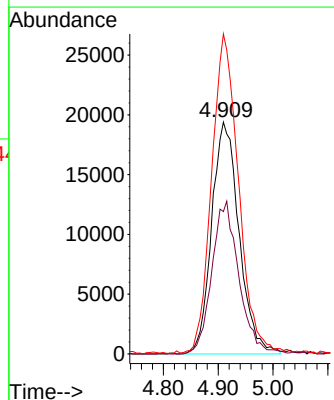
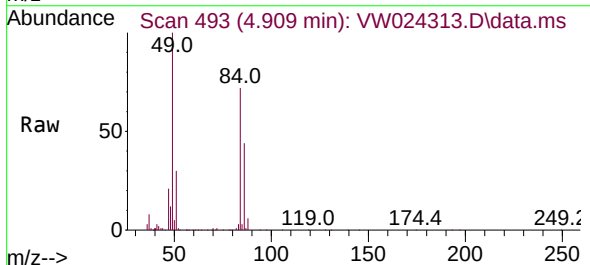
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

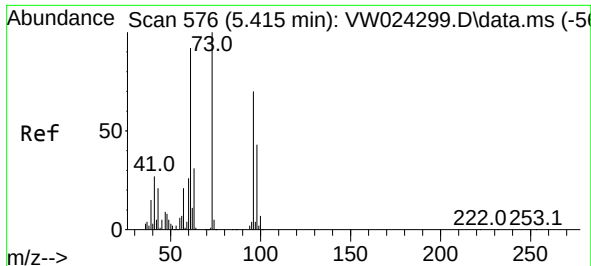
Tgt Ion: 43 Resp: 25189
Ion Ratio Lower Upper
43 100
74 22.9 21.5 32.3



#16
Methylene chloride
Concen: 20.263 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion: 84 Resp: 67254
Ion Ratio Lower Upper
84 100
86 61.4 42.8 79.6
49 138.0 85.3 158.3

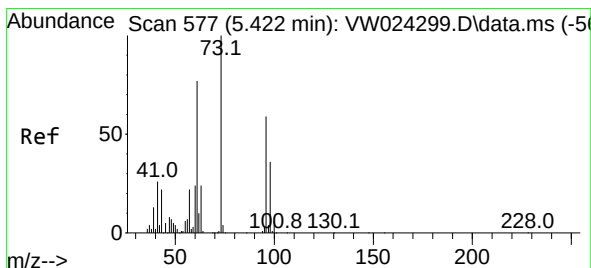
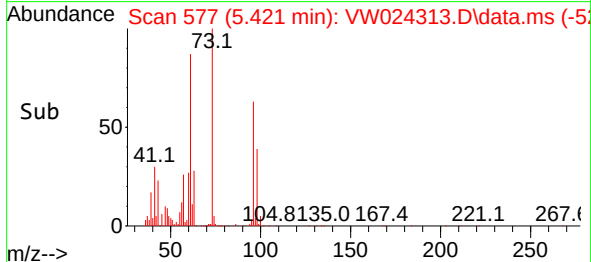
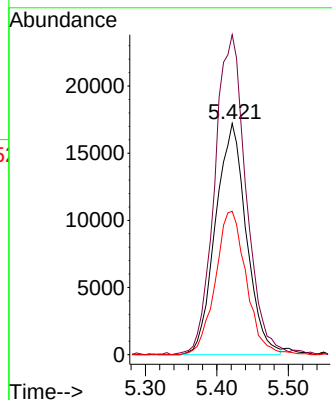
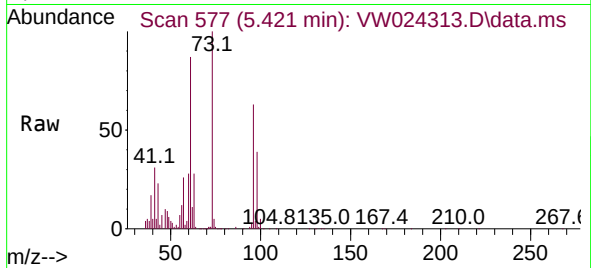




#17
trans-1,2-Dichloroethene
Concen: 19.699 ug/L
RT: 5.421 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

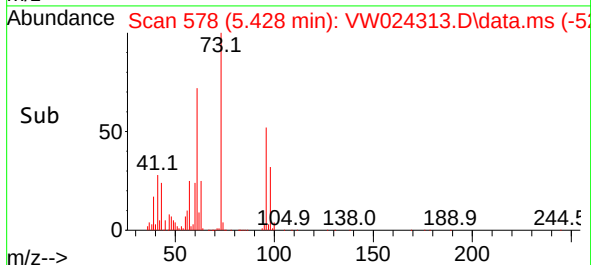
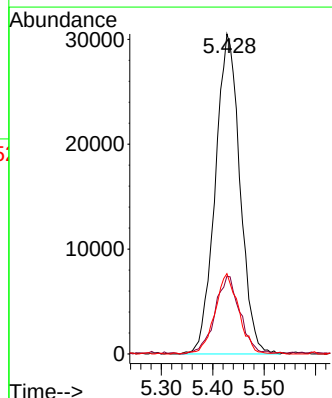
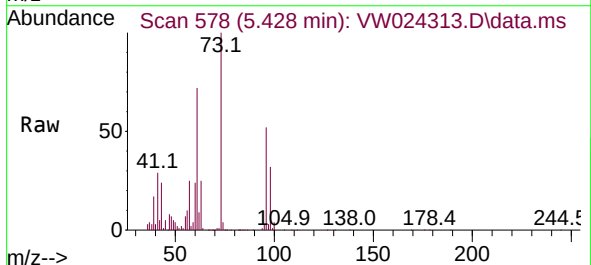
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

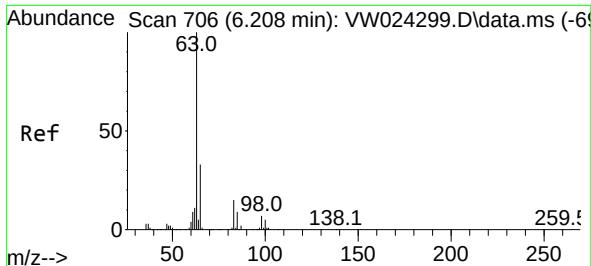
Tgt Ion: 96 Resp: 51474
Ion Ratio Lower Upper
96 100
61 138.4 93.0 172.8
98 62.0 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 27.375 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion: 73 Resp: 102000
Ion Ratio Lower Upper
73 100
43 24.5 16.6 24.8
57 24.1 17.6 26.4

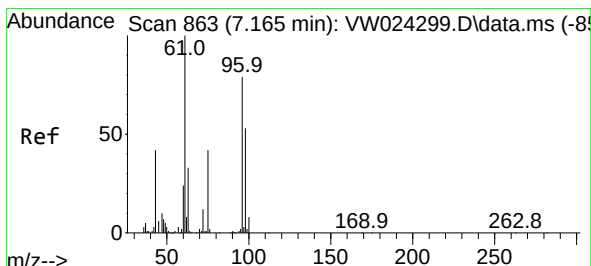
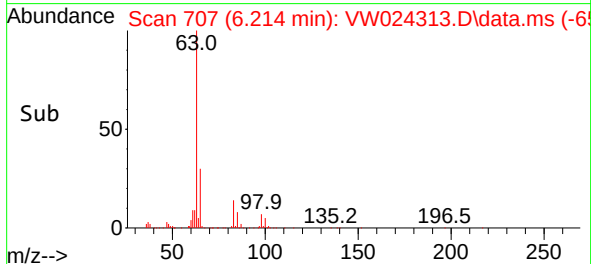
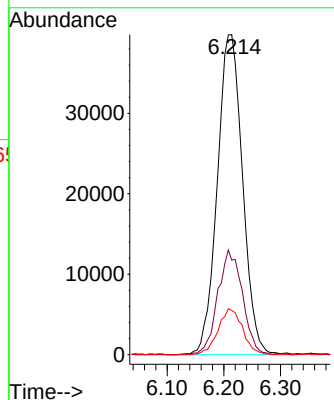
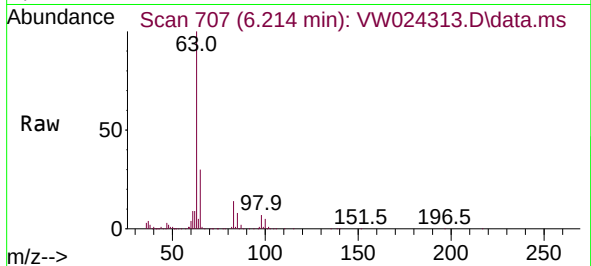




#19
1,1-Dichloroethane
Concen: 26.734 ug/L
RT: 6.214 min Scan# 706
Delta R.T. 0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

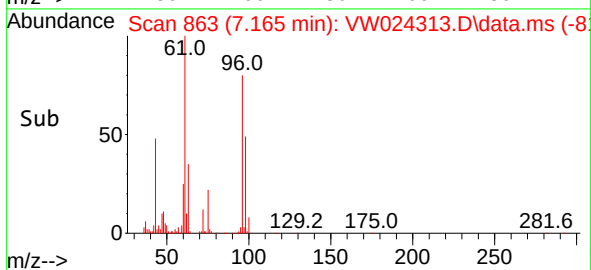
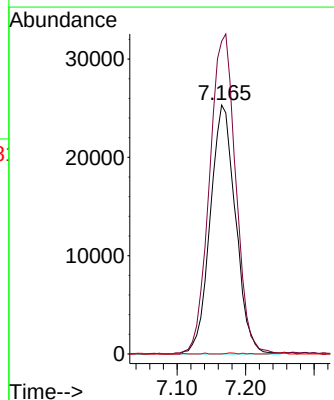
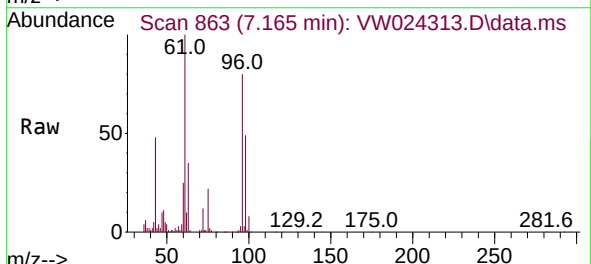
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

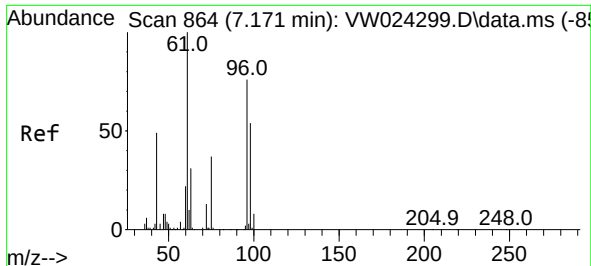
Tgt Ion: 63 Resp: 123054
Ion Ratio Lower Upper
63 100
65 29.5 22.0 41.0
83 13.8 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 22.682 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion: 96 Resp: 65091
Ion Ratio Lower Upper
96 100
61 125.6 89.5 166.3
68 0.0 0.1 0.1

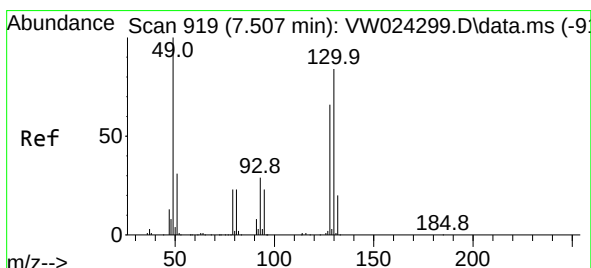
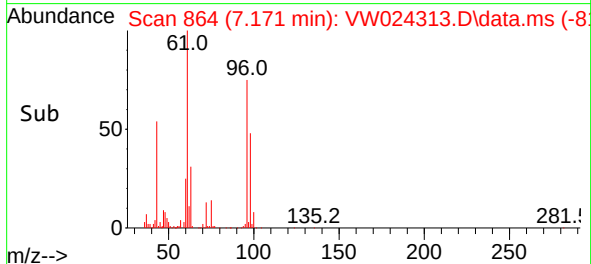
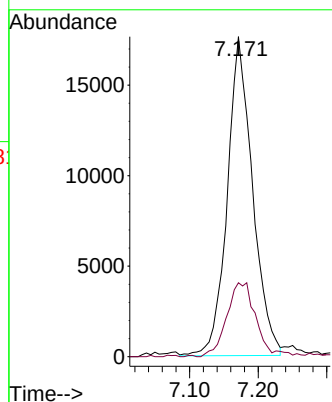
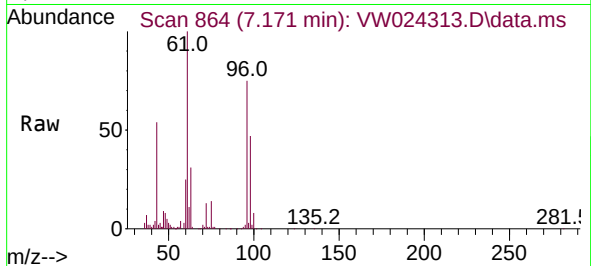




#22
2-Butanone
Concen: 49.813 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

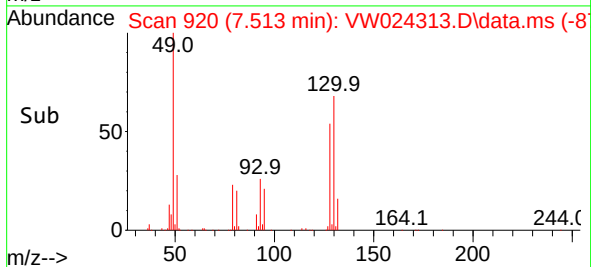
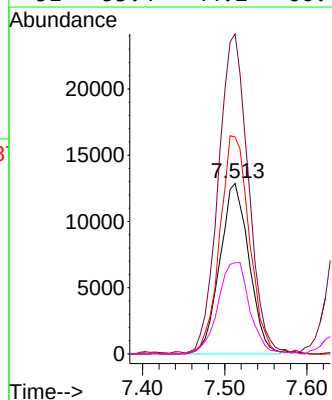
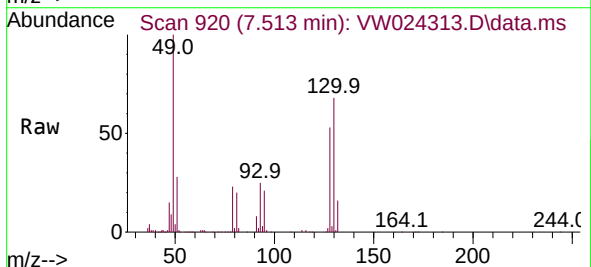
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

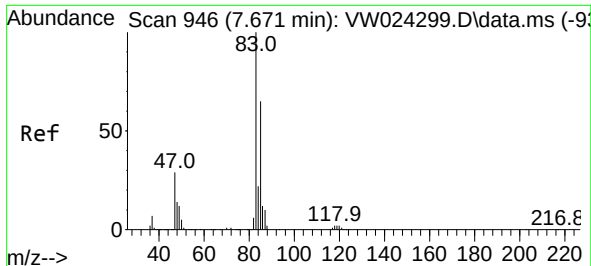
Tgt Ion: 43 Resp: 45232
Ion Ratio Lower Upper
43 100
72 25.8 14.3 42.9



#23
Bromochloromethane
Concen: 22.263 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion: 128 Resp: 31817
Ion Ratio Lower Upper
128 100
49 187.5 106.6 198.0
130 127.2 88.1 163.5
51 53.4 44.2 66.4

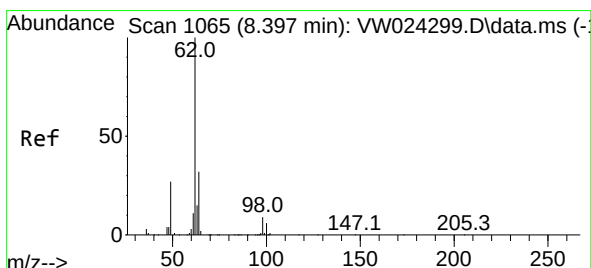
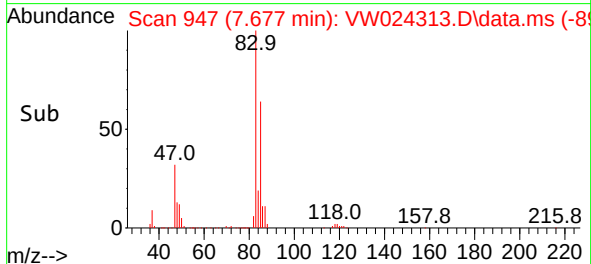
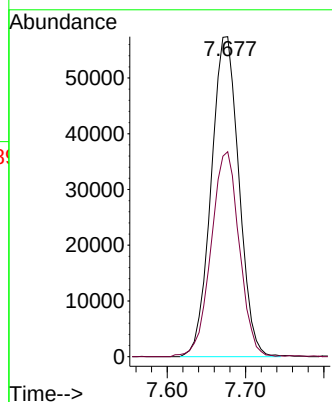
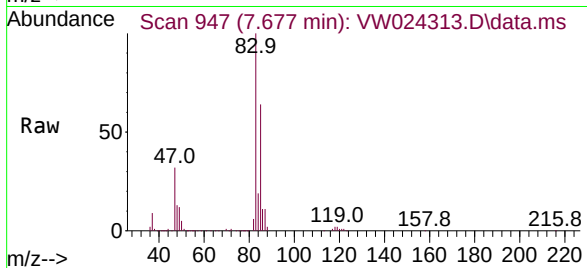




#25
Chloroform
Concen: 27.913 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

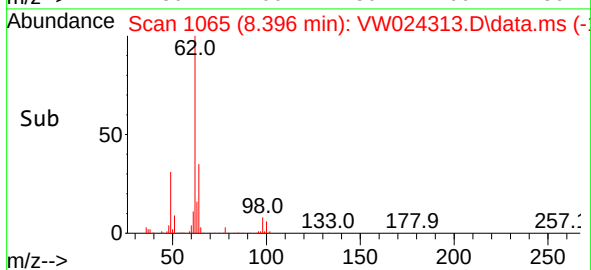
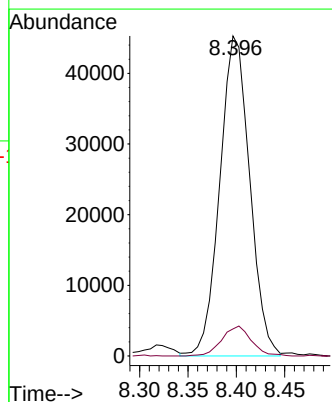
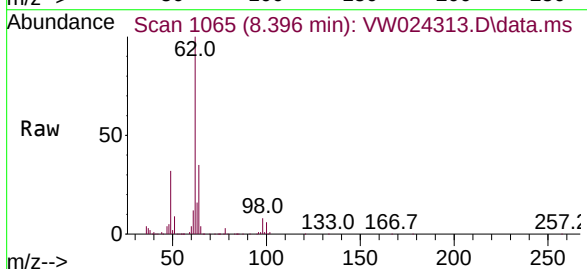
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

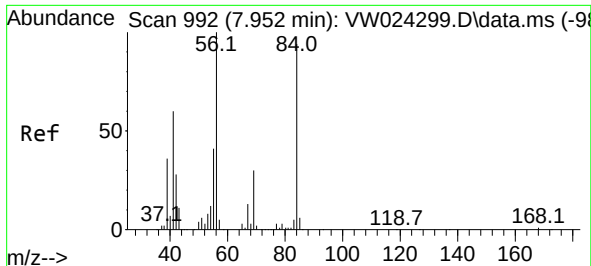
Tgt Ion: 83 Resp: 141577
Ion Ratio Lower Upper
83 100
85 64.1 42.9 79.7



#27
1,2-Dichloroethane
Concen: 28.563 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion: 62 Resp: 97483
Ion Ratio Lower Upper
62 100
98 8.4 7.4 11.0





#29

Cyclohexane

Concen: 29.478 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

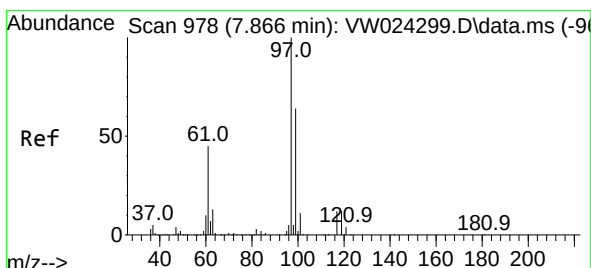
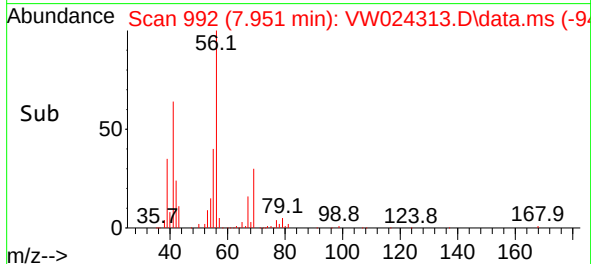
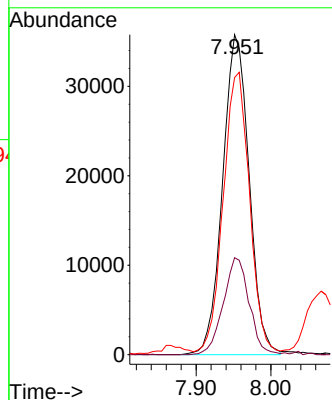
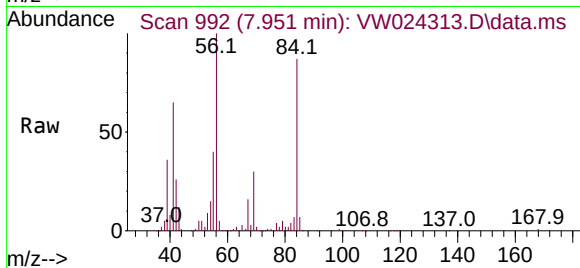
Tgt Ion: 56 Resp: 88088

Ion Ratio Lower Upper

56 100

69 29.6 24.5 36.7

84 88.0 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 33.762 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

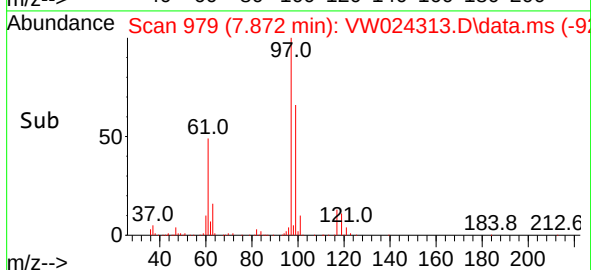
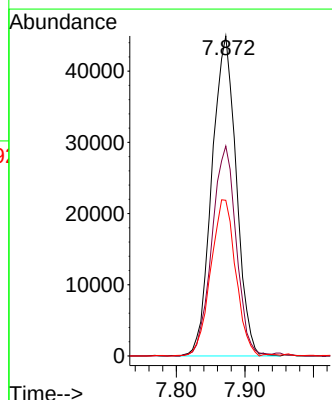
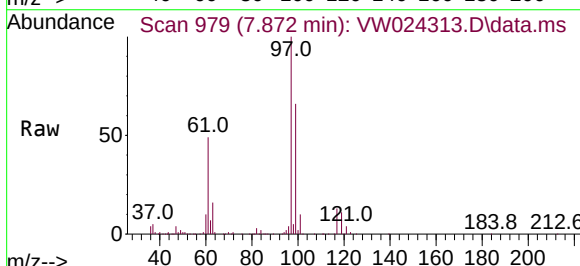
Tgt Ion: 97 Resp: 110978

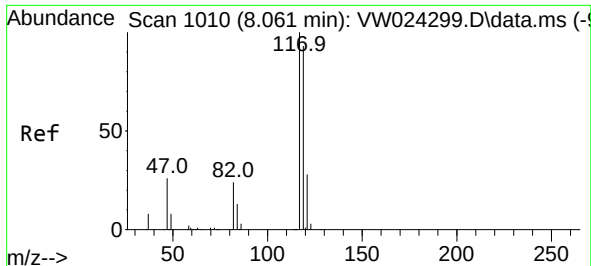
Ion Ratio Lower Upper

97 100

99 65.5 51.0 76.6

61 49.8 36.2 54.2

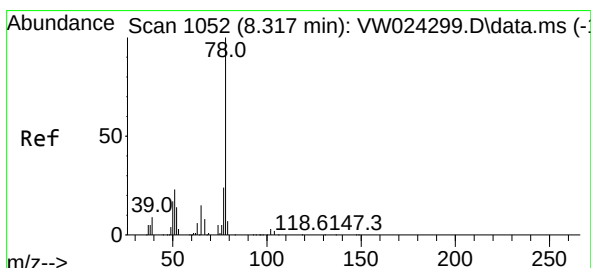
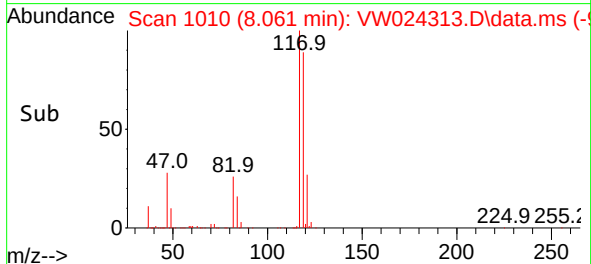
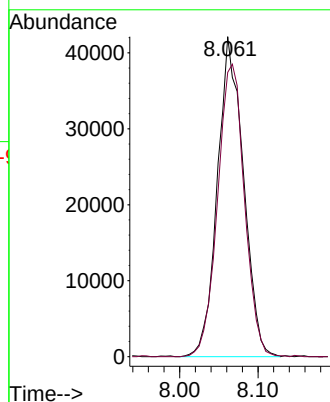
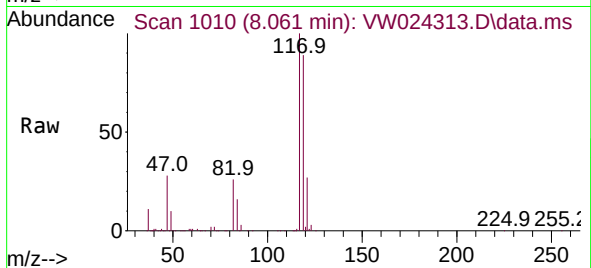




#31
Carbon tetrachloride
Concen: 31.311 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

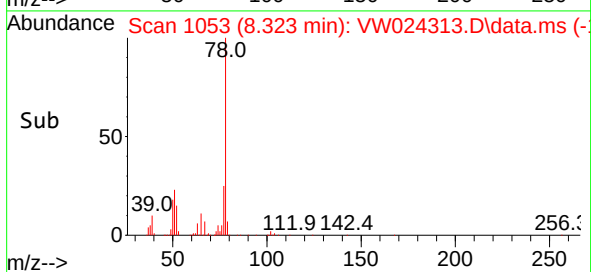
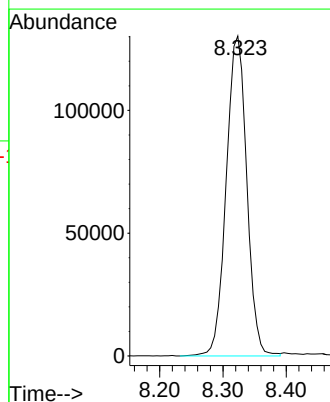
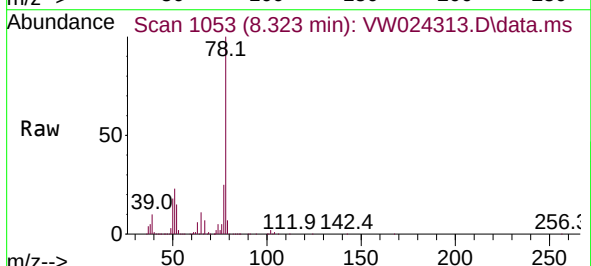
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

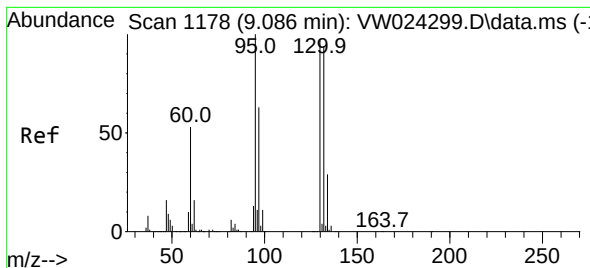
Tgt Ion:117 Resp: 97097
Ion Ratio Lower Upper
117 100
119 94.4 77.8 116.8



#33
Benzene
Concen: 34.175 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion: 78 Resp: 294204





#34

Trichloroethene

Concen: 29.247 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

Tgt Ion: 95 Resp: 66548

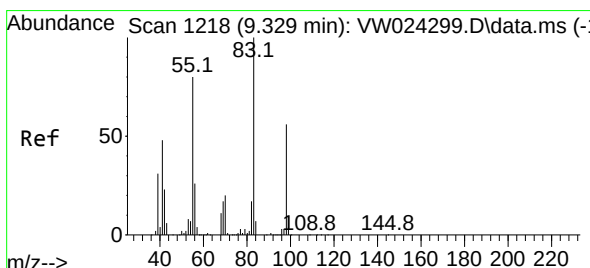
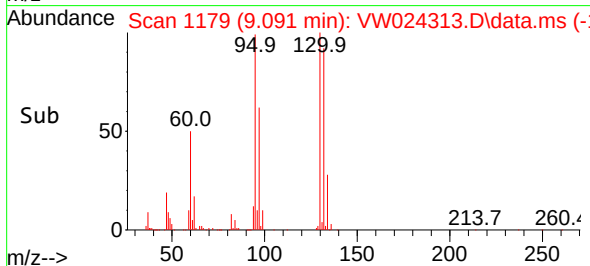
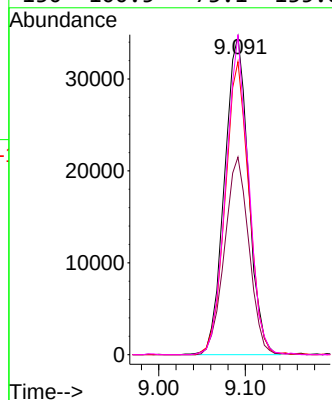
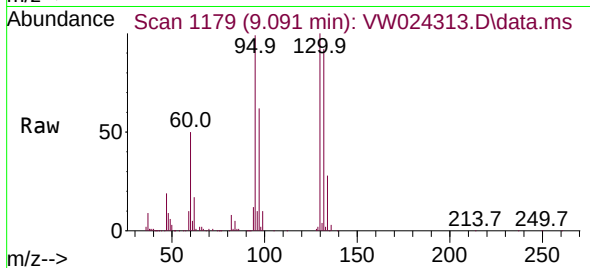
Ion Ratio Lower Upper

95 100

97 62.1 41.6 77.2

132 92.0 67.0 124.4

130 100.5 73.1 135.8



#35

Methylcyclohexane

Concen: 24.294 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

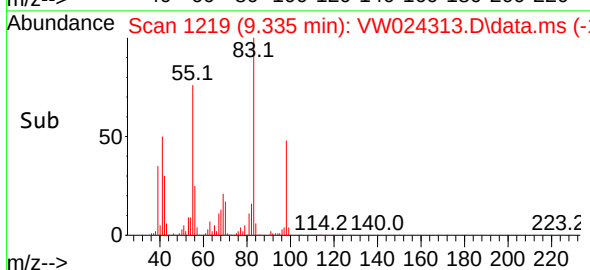
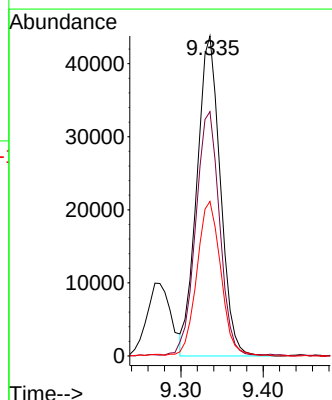
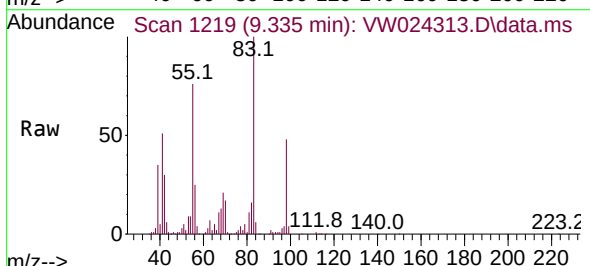
Tgt Ion: 83 Resp: 86686

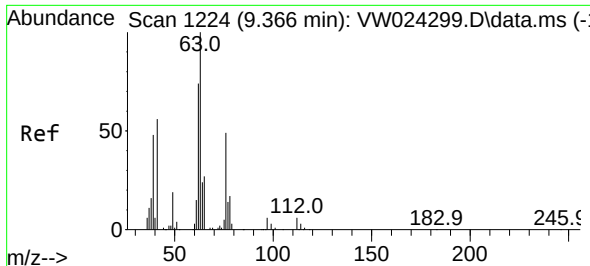
Ion Ratio Lower Upper

83 100

55 78.2 59.1 88.7

98 49.0 40.8 61.2

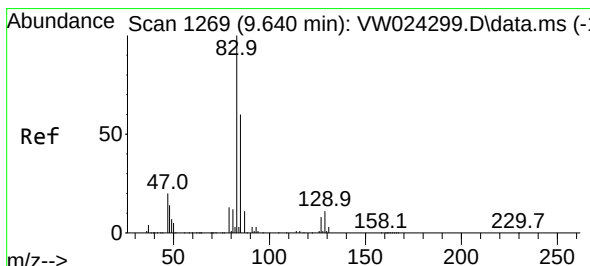
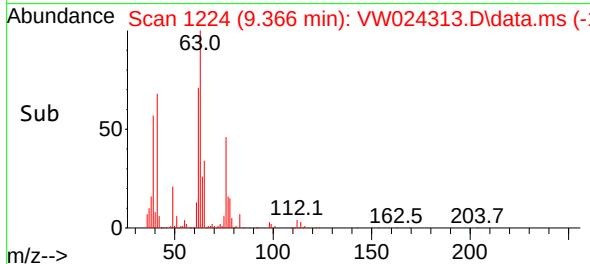
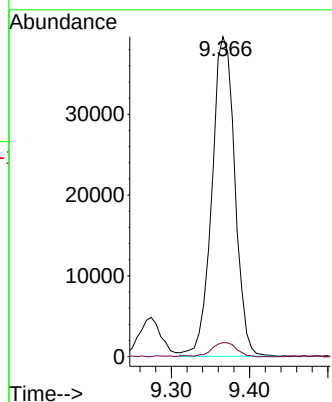
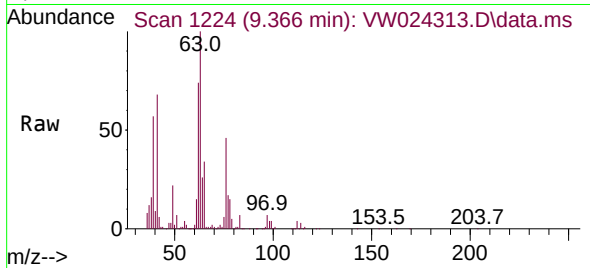




#37
1,2-Dichloropropane
Concen: 37.820 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

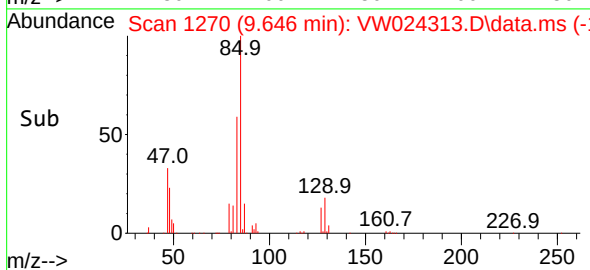
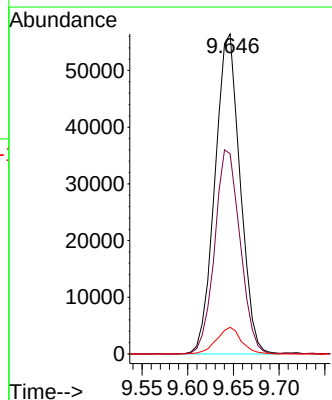
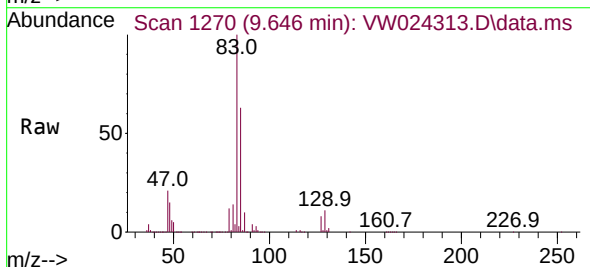
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

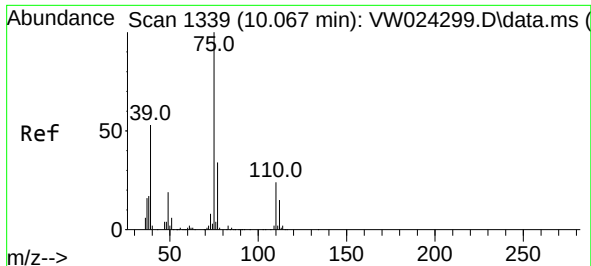
Tgt Ion: 63 Resp: 80483
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 36.270 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion: 83 Resp: 108255
Ion Ratio Lower Upper
83 100
85 62.6 43.7 81.1
127 8.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 31.188 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.006 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

Instrument :

MSVOA_W

ClientSampleId :

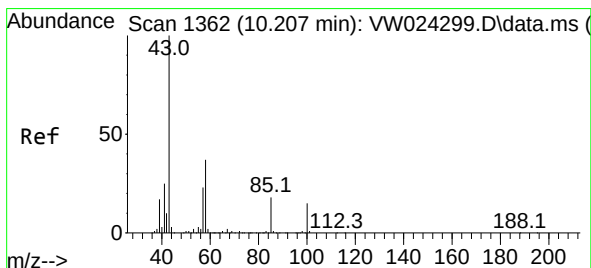
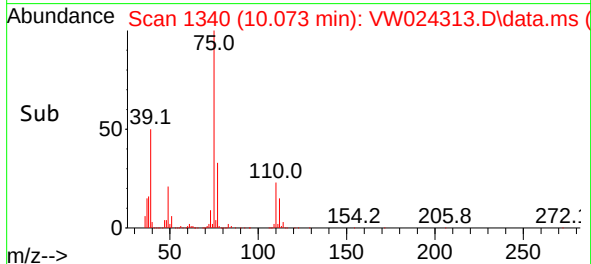
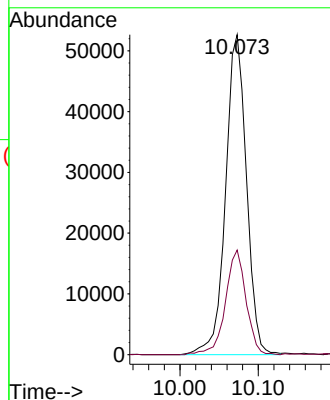
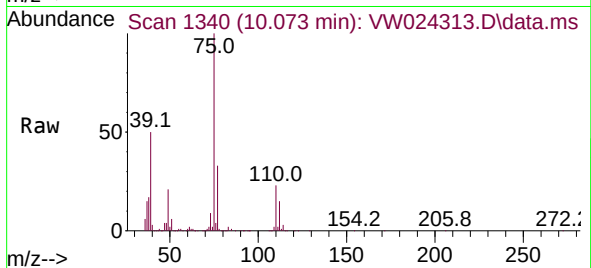
EY163MS

Tgt Ion: 75 Resp: 97641

Ion Ratio Lower Upper

75 100

77 32.7 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 77.061 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

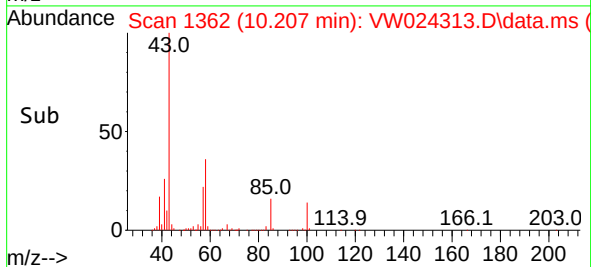
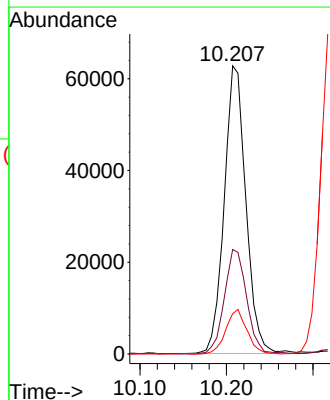
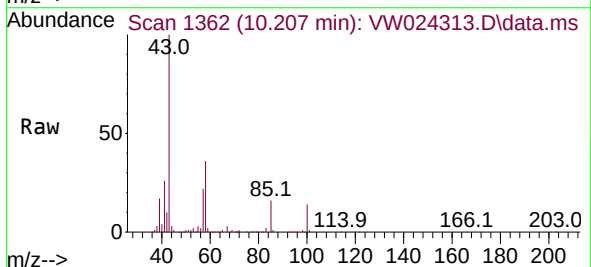
Tgt Ion: 43 Resp: 108835

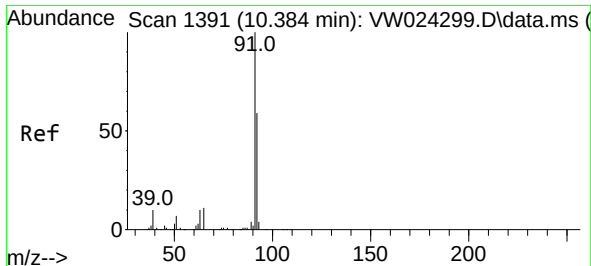
Ion Ratio Lower Upper

43 100

58 37.6 30.5 45.7

100 15.1 13.8 20.6

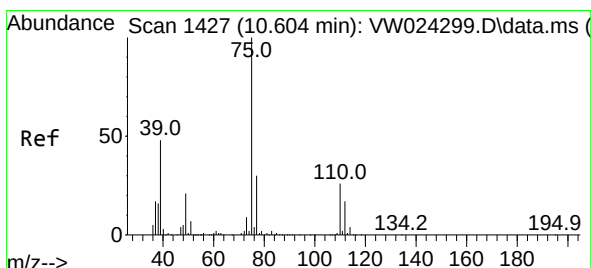
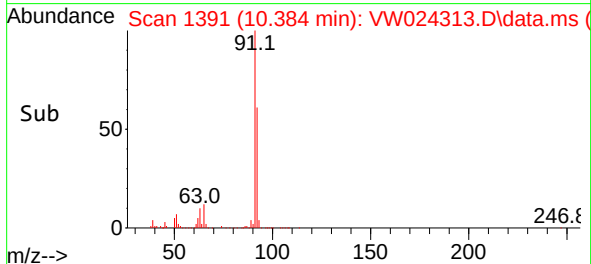
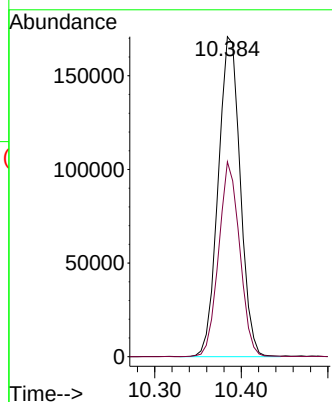
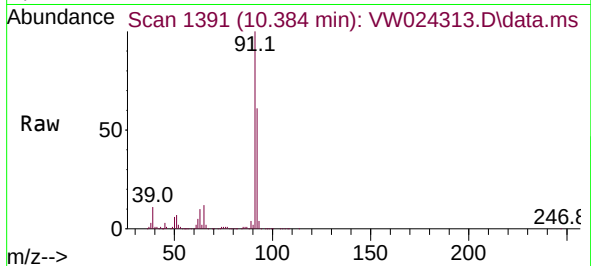




#42
Toluene
Concen: 33.031 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

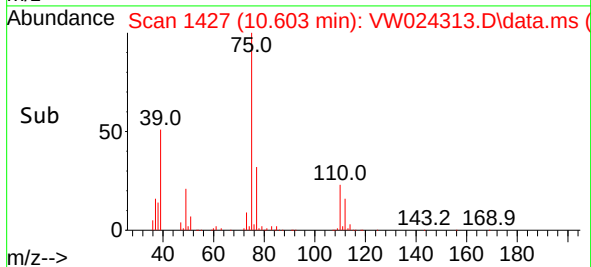
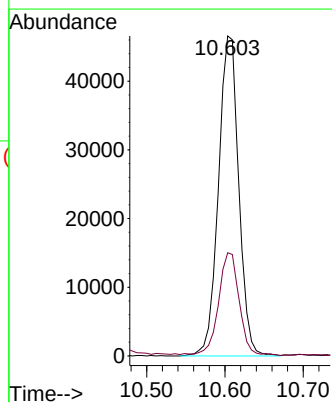
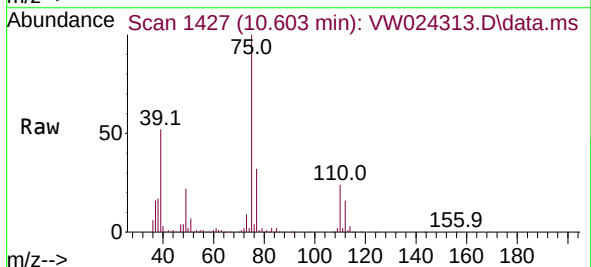
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

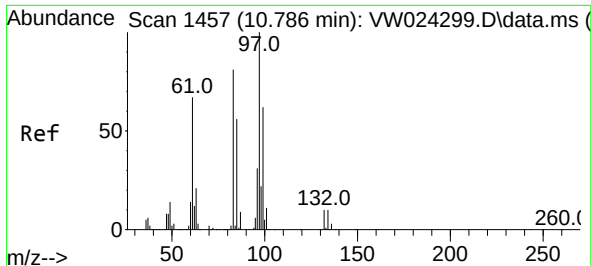
Tgt Ion: 91 Resp: 302173
Ion Ratio Lower Upper
91 100
92 60.9 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 29.402 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion: 75 Resp: 84111
Ion Ratio Lower Upper
75 100
77 32.3 22.4 41.6

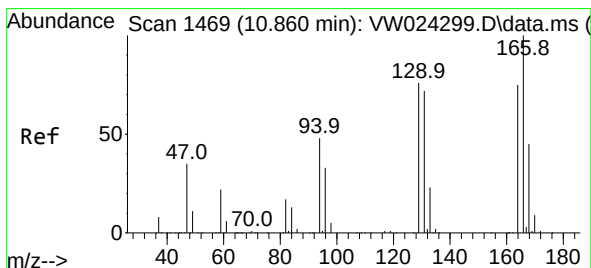
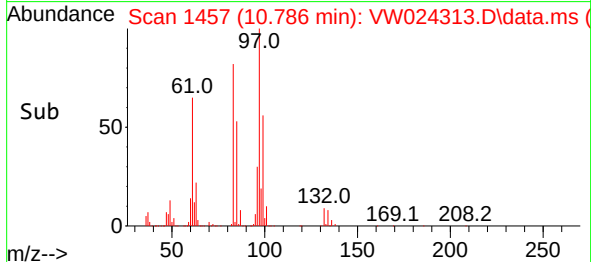
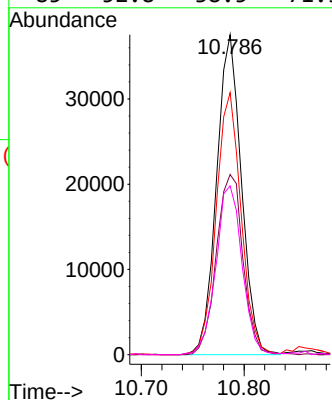
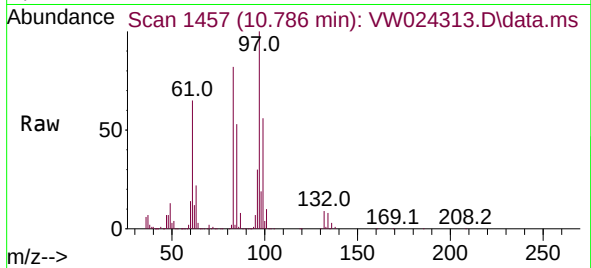




#45
1,1,2-Trichloroethane
Concen: 35.102 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

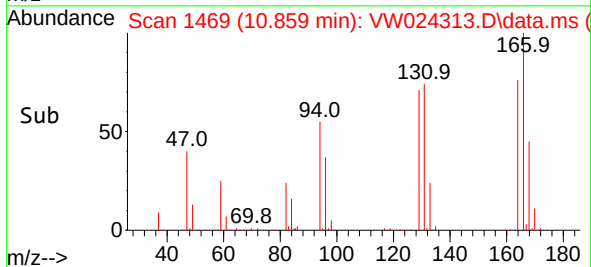
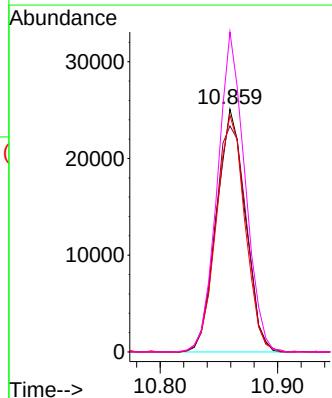
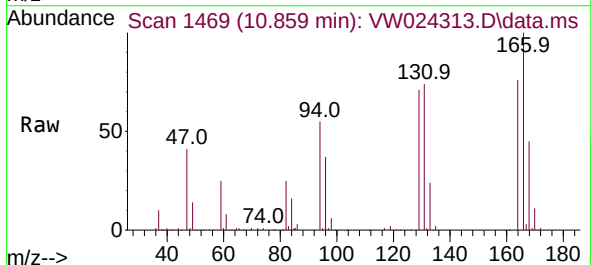
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

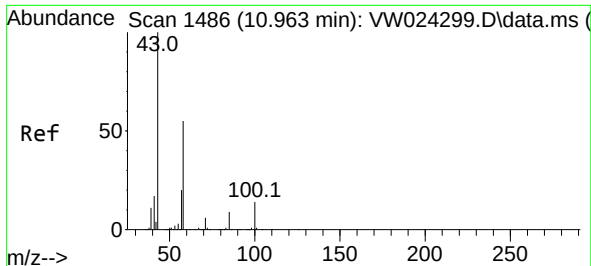
Tgt Ion:	97	Resp:	62961
Ion	Ratio	Lower	Upper
97	100		
99	56.3	43.8	81.3
83	81.9	56.4	104.7
85	52.8	38.5	71.5



#46
Tetrachloroethene
Concen: 23.263 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion:	164	Resp:	42853
Ion	Ratio	Lower	Upper
164	100		
129	93.1	63.1	117.3
131	97.5	63.9	118.7
166	131.9	86.8	161.2

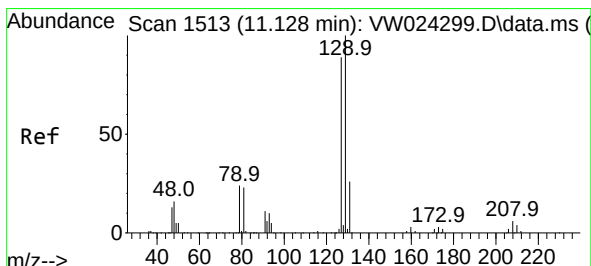
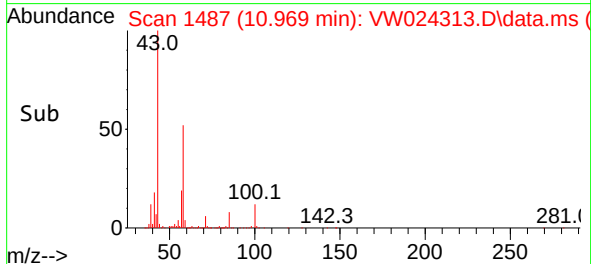
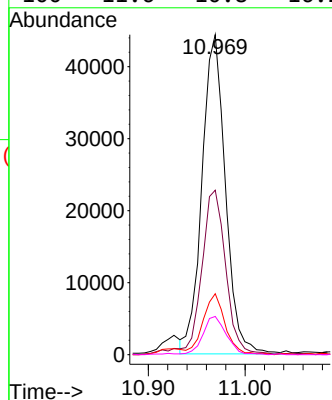
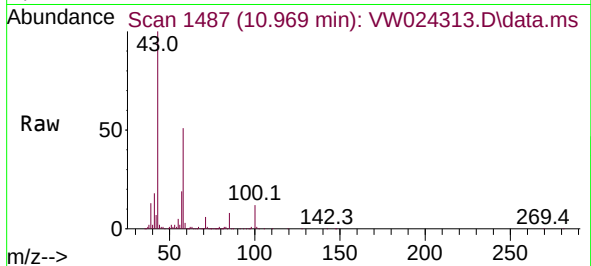




#48
2-Hexanone
Concen: 78.211 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

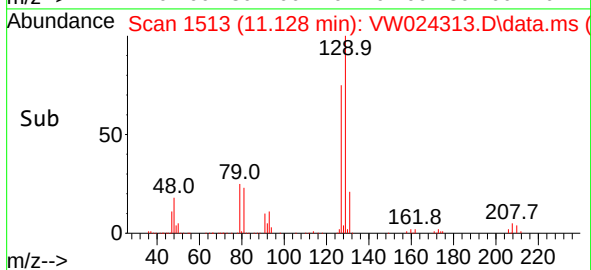
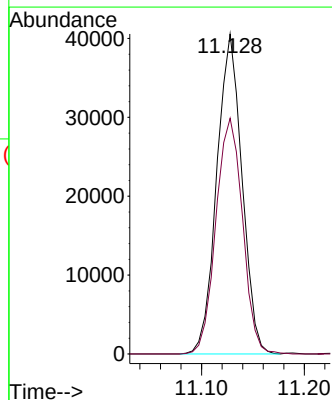
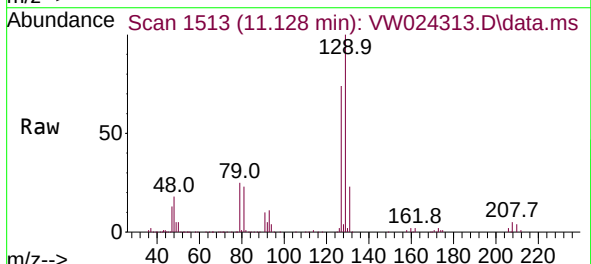
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

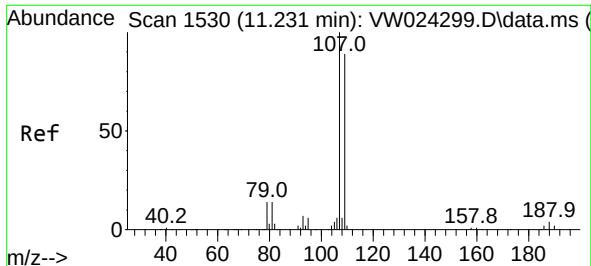
Tgt Ion: 43	Resp: 74963
Ion Ratio	Lower Upper
43 100	
58 51.9	43.4 65.0
57 17.9	15.0 22.4
100 11.6	10.8 16.2



#49
Dibromochloromethane
Concen: 32.002 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion:129	Resp: 69102		
Ion Ratio	Lower	Upper	
129 100			
127 73.7	52.3	97.1	

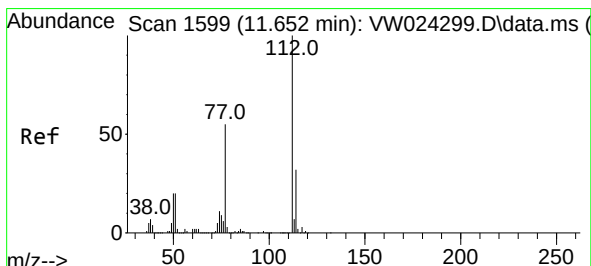
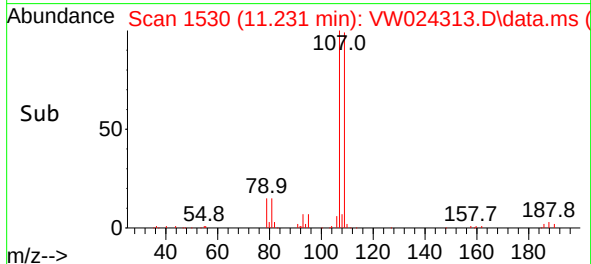
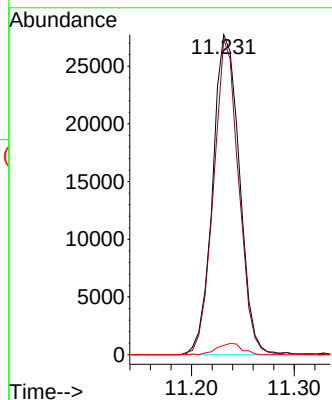
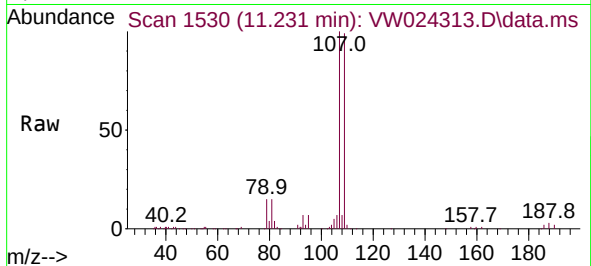




#50
1,2-Dibromoethane
Concen: 29.105 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

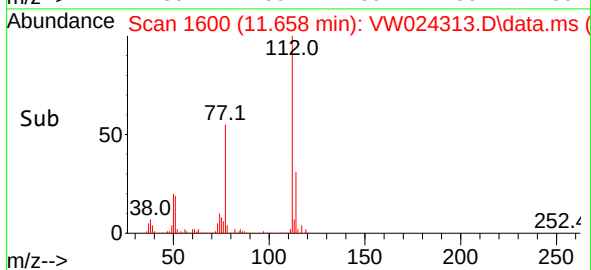
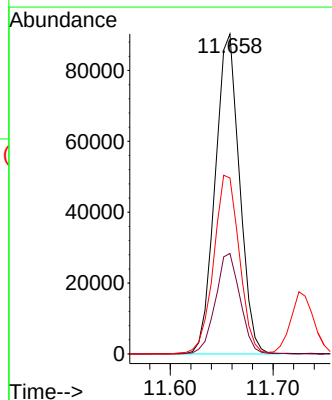
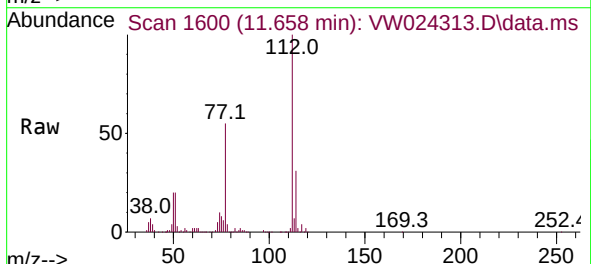
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

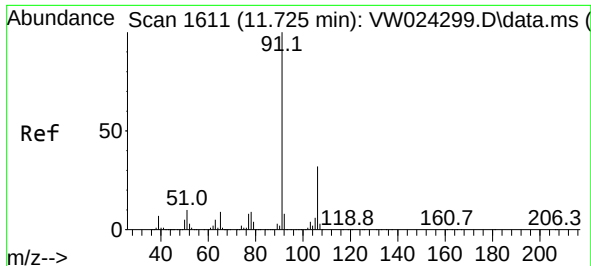
Tgt Ion:107 Resp: 50016
Ion Ratio Lower Upper
107 100
109 98.6 64.0 119.0
188 2.9 3.1 4.7#



#51
Chlorobenzene
Concen: 23.816 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion:112 Resp: 148857
Ion Ratio Lower Upper
112 100
114 31.4 20.7 38.5
77 55.0 41.4 62.2





#52

Ethylbenzene

Concen: 28.141 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

Instrument :

MSVOA_W

ClientSampleId :

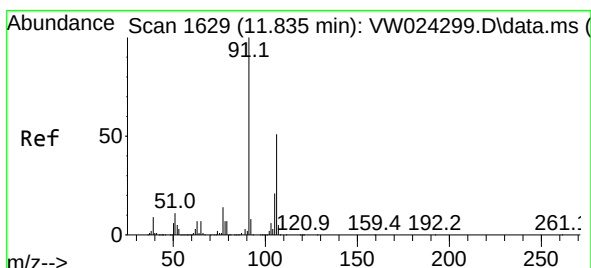
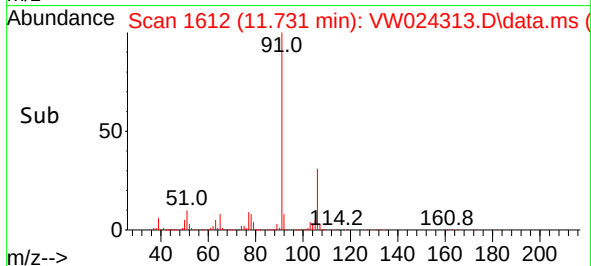
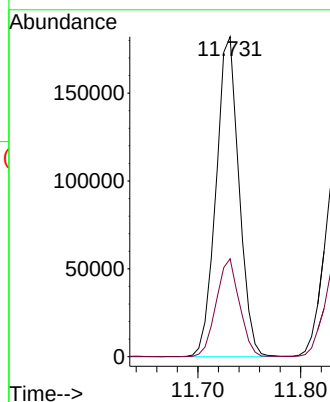
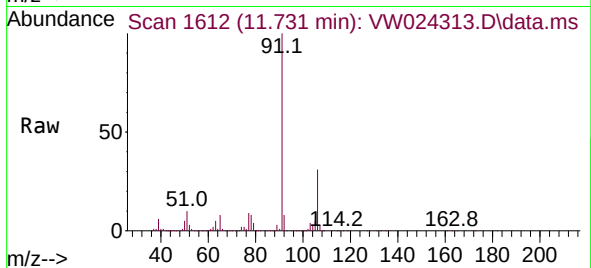
EY163MS

Tgt Ion: 91 Resp: 282052

Ion Ratio Lower Upper

91 100

106 30.6 21.9 40.7



#53

m,p-Xylene

Concen: 26.877 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW024313.D

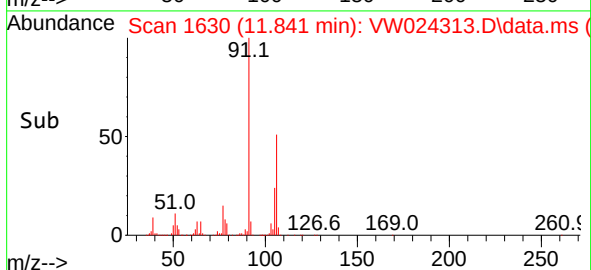
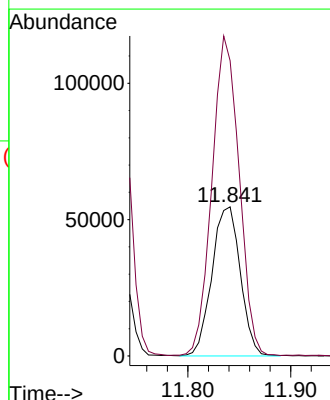
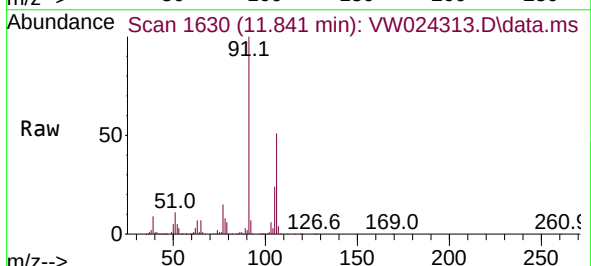
Acq: 23 Aug 2022 19:29

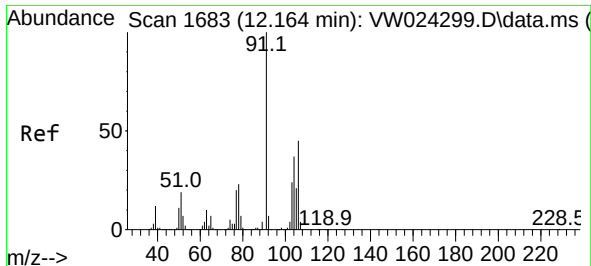
Tgt Ion:106 Resp: 104859

Ion Ratio Lower Upper

106 100

91 198.0 144.1 267.7

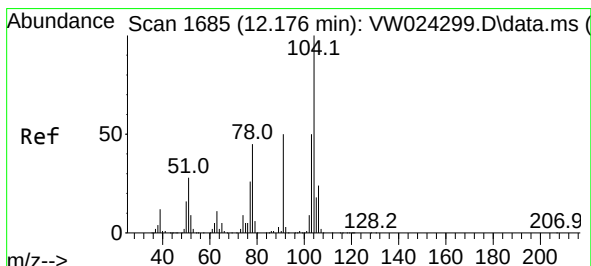
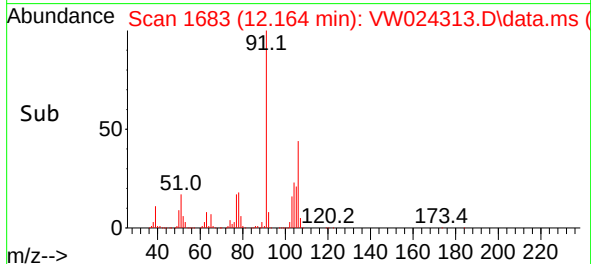
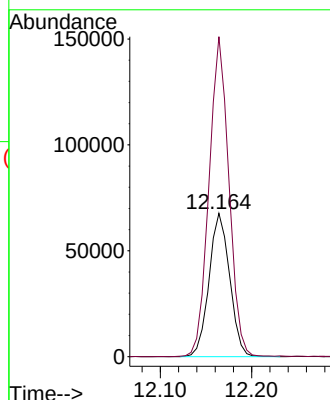
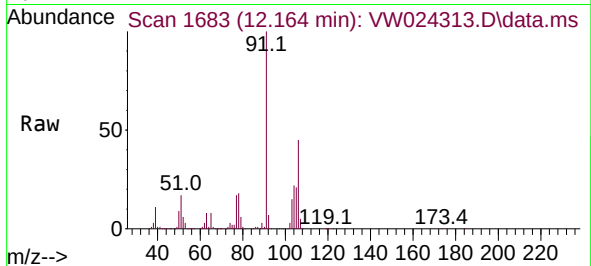




#54
o-Xylene
Concen: 28.744 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

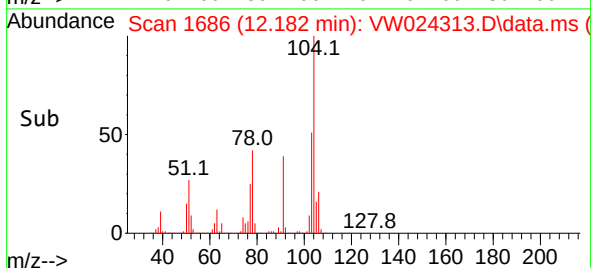
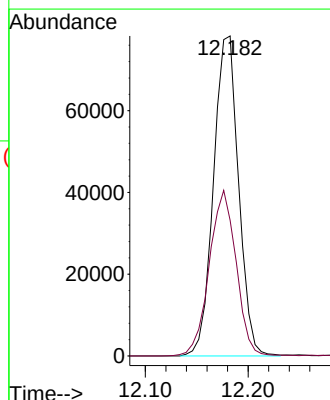
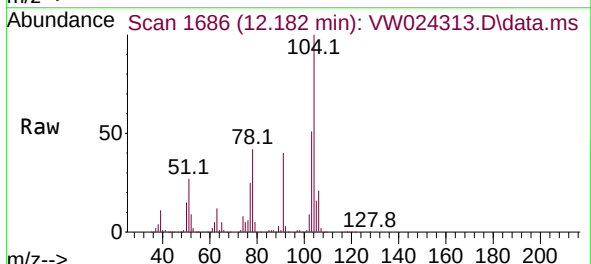
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

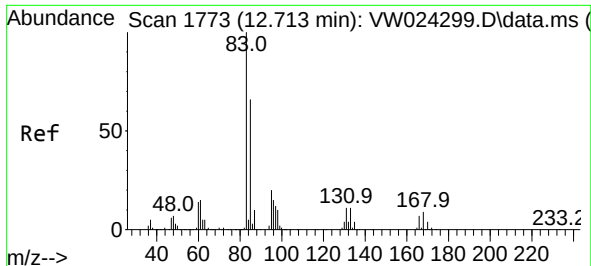
Tgt Ion:106 Resp: 105946
Ion Ratio Lower Upper
106 100
91 223.2 150.9 280.3



#55
Styrene
Concen: 20.648 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion:104 Resp: 132361
Ion Ratio Lower Upper
104 100
78 42.4 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 31.948 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

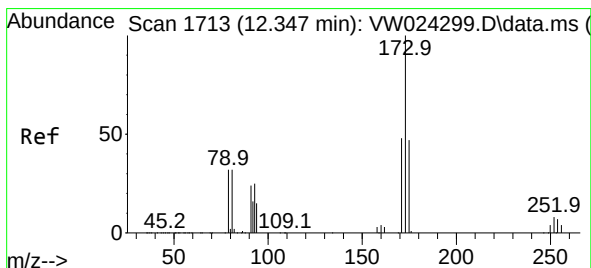
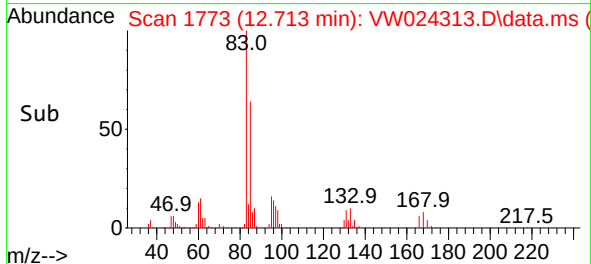
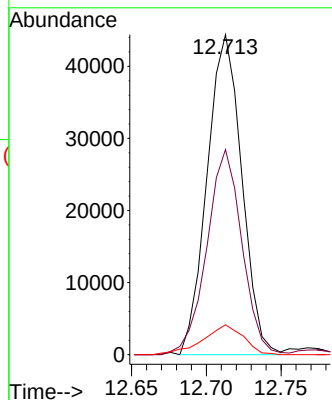
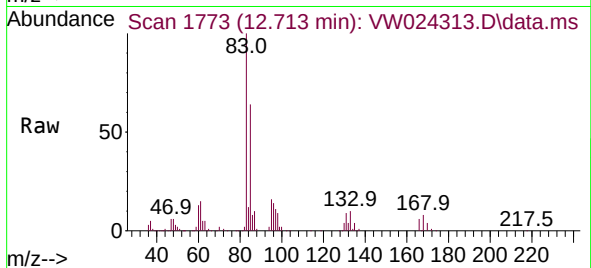
Tgt Ion: 83 Resp: 71616

Ion Ratio Lower Upper

83 100

85 64.1 44.1 81.9

131 9.4 8.3 12.5



#59

Bromoform

Concen: 50.873 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

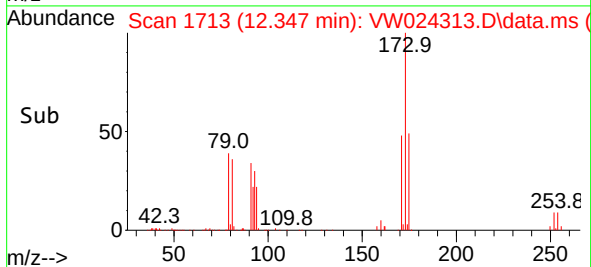
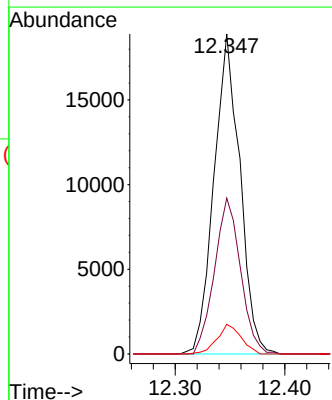
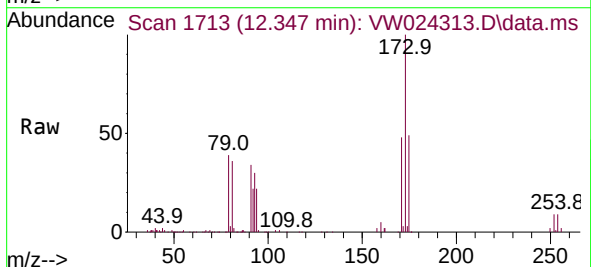
Tgt Ion:173 Resp: 31019

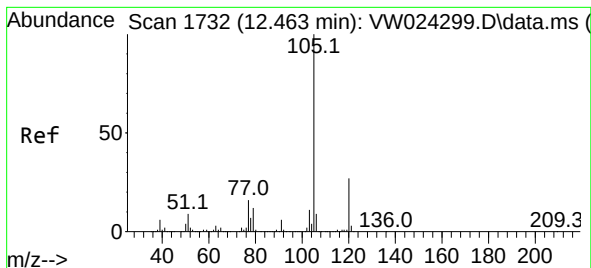
Ion Ratio Lower Upper

173 100

175 49.0 39.0 58.6

254 8.6 6.8 10.2





#60

Isopropylbenzene

Concen: 54.759 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

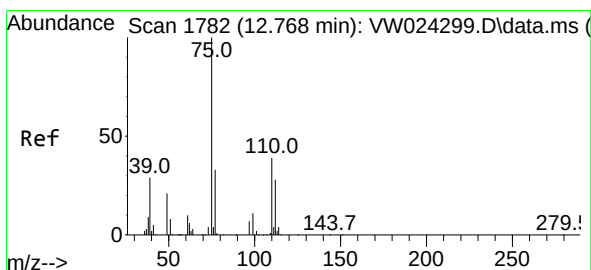
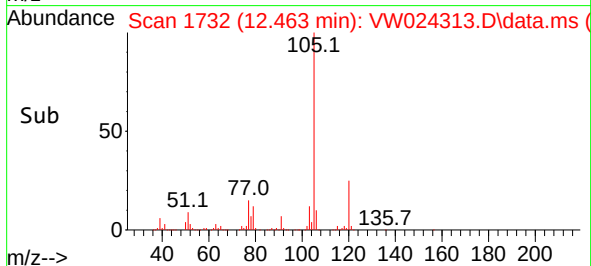
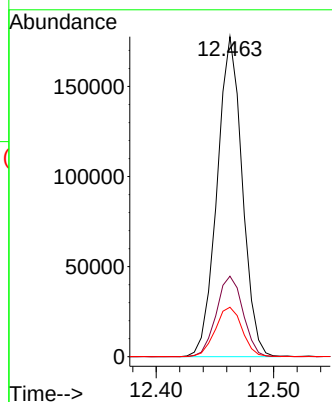
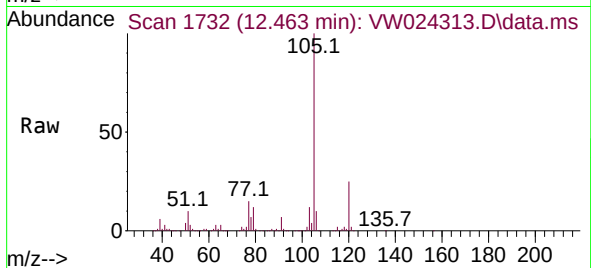
Tgt Ion:105 Resp: 264987

Ion Ratio Lower Upper

105 100

120 26.6 21.4 32.2

77 16.5 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 62.685 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

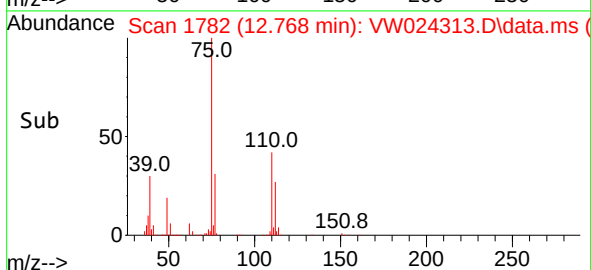
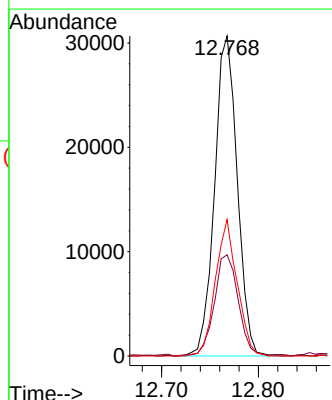
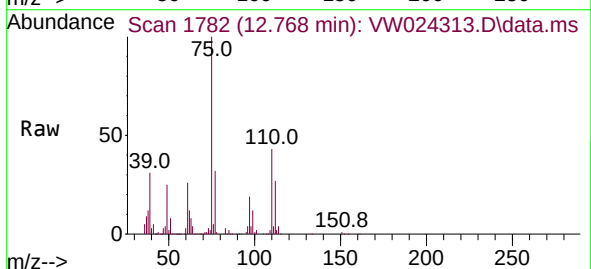
Tgt Ion: 75 Resp: 49868

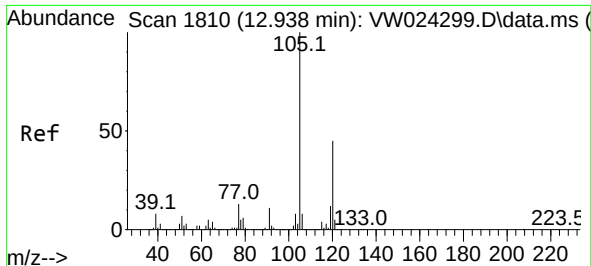
Ion Ratio Lower Upper

75 100

77 33.4 26.2 39.4

110 40.8 33.6 50.4

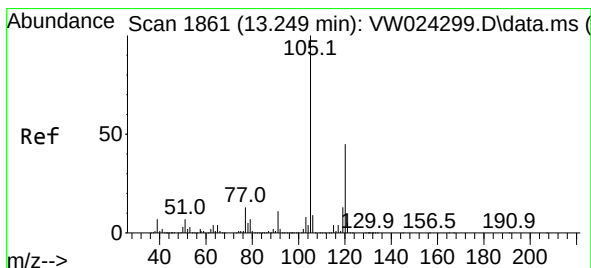
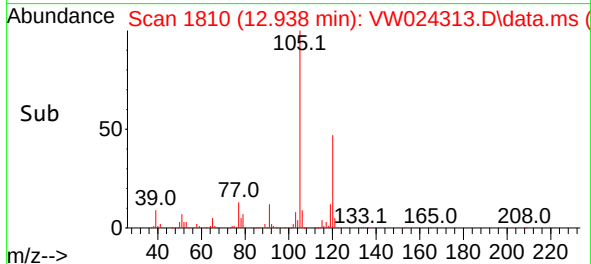
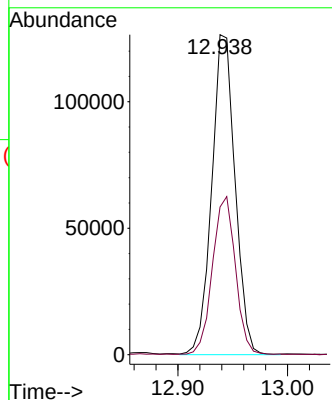
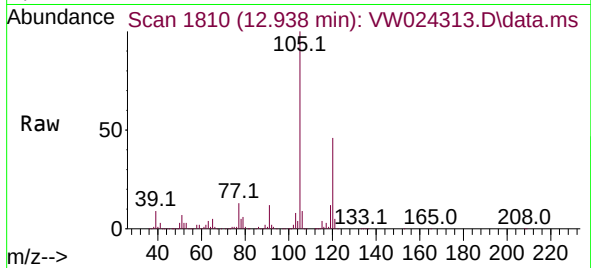




#62
 1,3,5-Trimethylbenzene
 Concen: 46.878 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW024313.D
 Acq: 23 Aug 2022 19:29

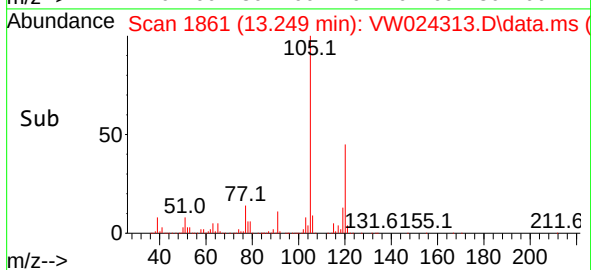
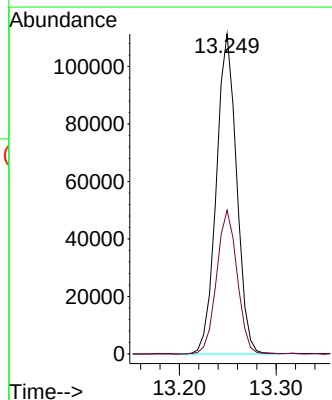
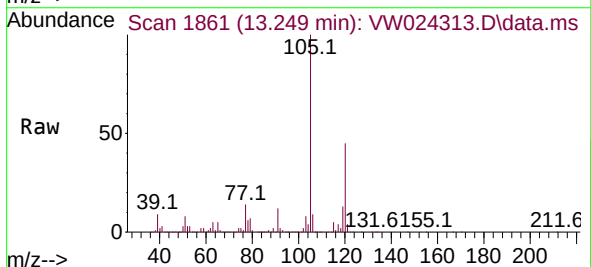
Instrument :
 MSVOA_W
 ClientSampleId :
 EY163MS

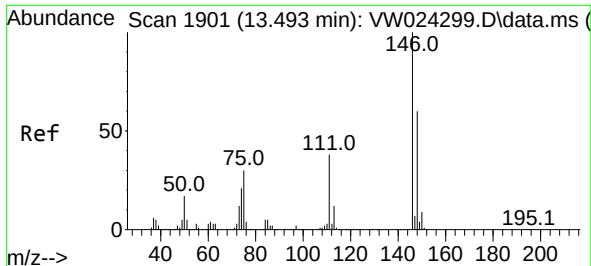
Tgt Ion:105 Resp: 187464
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 41.154 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW024313.D
 Acq: 23 Aug 2022 19:29

Tgt Ion:105 Resp: 162080
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.4 54.6

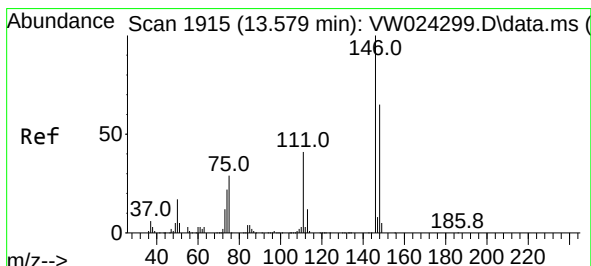
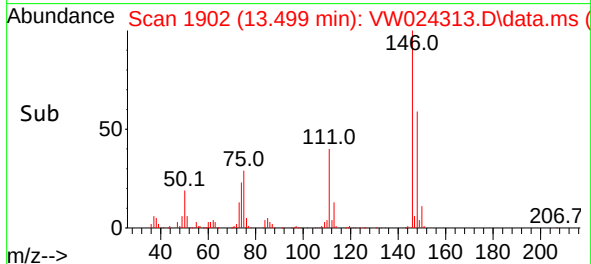
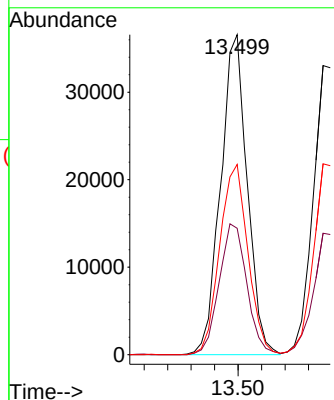
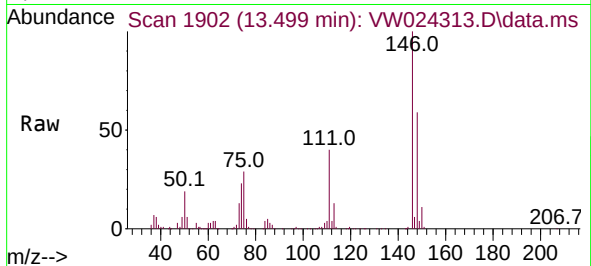




#64
1,3-Dichlorobenzene
Concen: 24.267 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

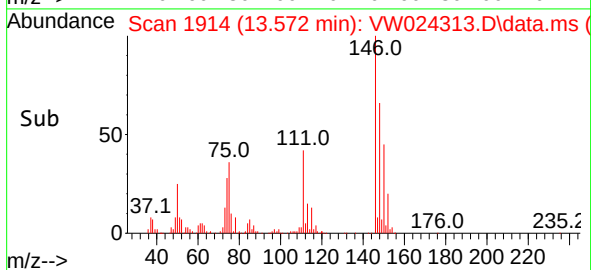
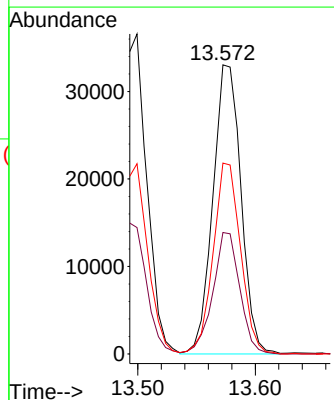
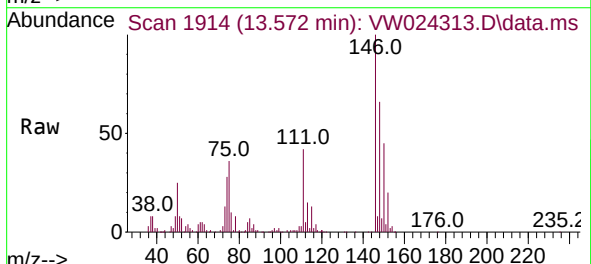
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

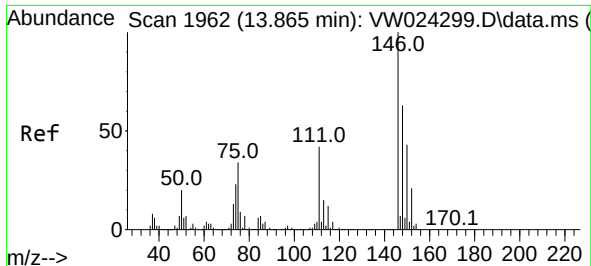
Tgt Ion:146 Resp: 57503
Ion Ratio Lower Upper
146 100
111 39.5 28.0 52.0
148 59.4 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 21.882 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion:146 Resp: 54908
Ion Ratio Lower Upper
146 100
111 42.0 27.6 51.4
148 66.0 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 25.702 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

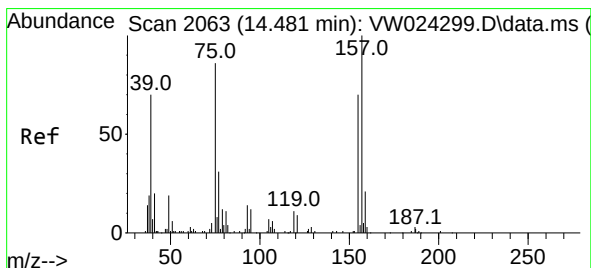
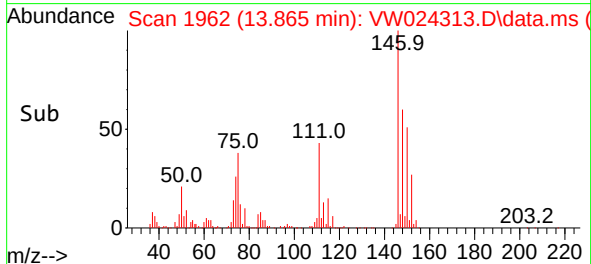
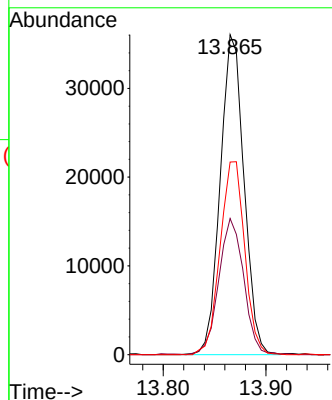
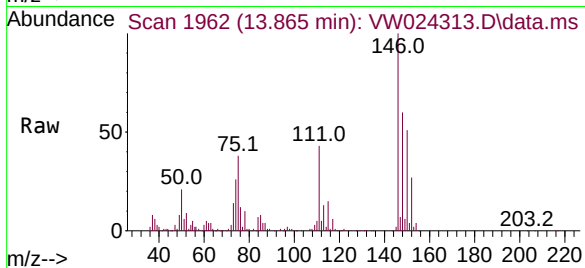
Tgt Ion:146 Resp: 57835

Ion Ratio Lower Upper

146 100

111 42.6 29.0 43.6

148 60.2 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 46.872 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

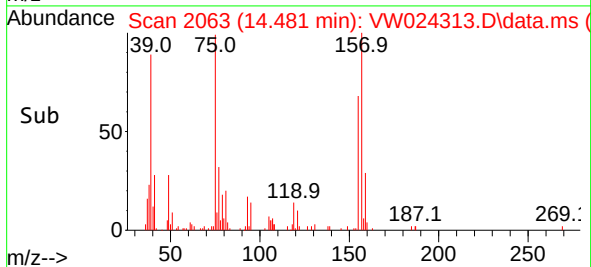
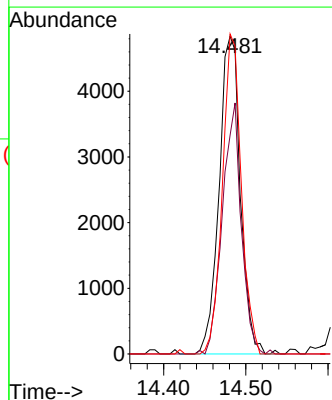
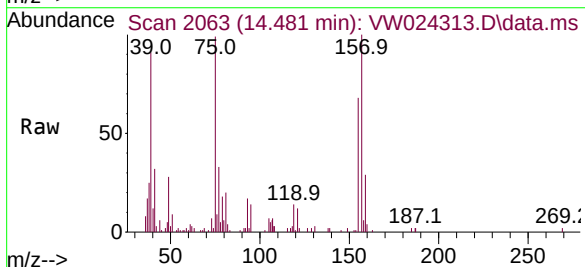
Tgt Ion: 75 Resp: 8712

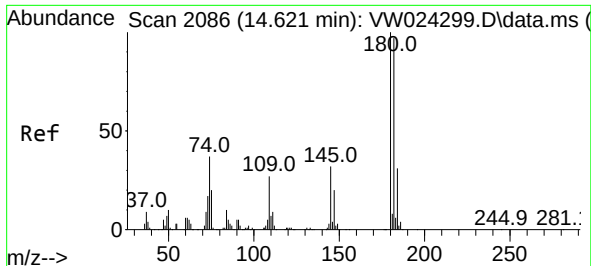
Ion Ratio Lower Upper

75 100

155 68.9 68.8 103.2

157 100.7 91.5 137.3





#69

1,3,5-Trichlorobenzene

Concen: 14.041 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

Tgt Ion:180 Resp: 21818

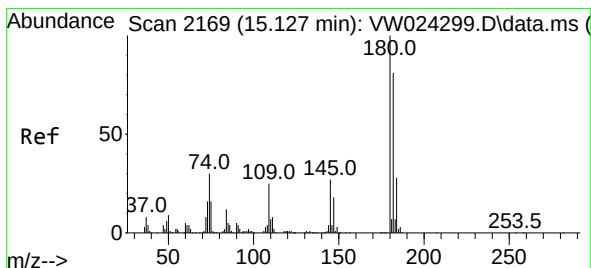
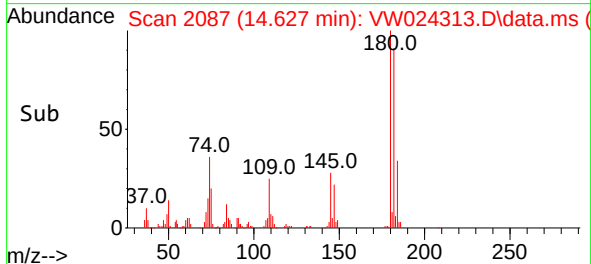
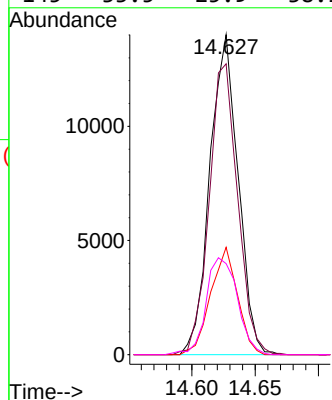
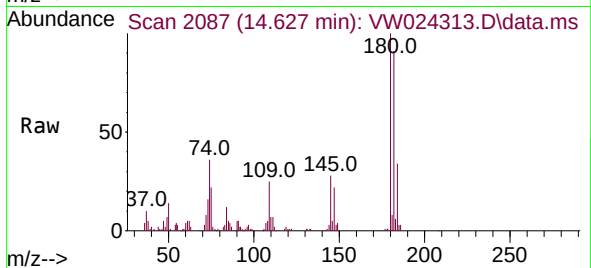
Ion Ratio Lower Upper

180 100

182 91.6 78.4 117.6

184 31.9 24.7 37.1

145 33.5 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 8.053 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024313.D

Acq: 23 Aug 2022 19:29

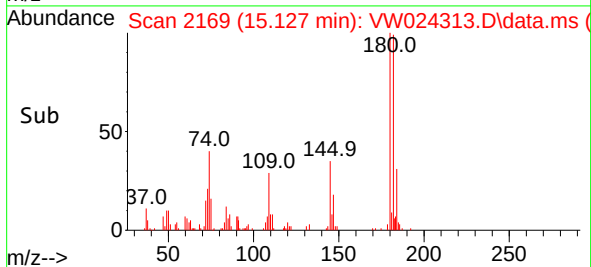
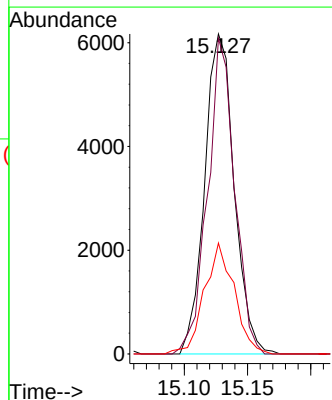
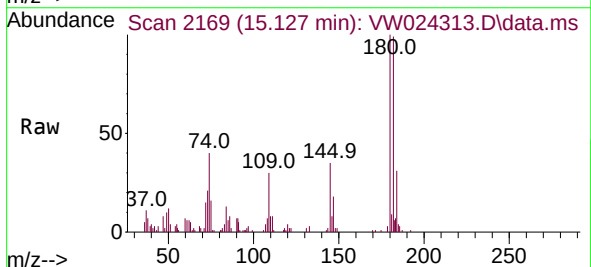
Tgt Ion:180 Resp: 10021

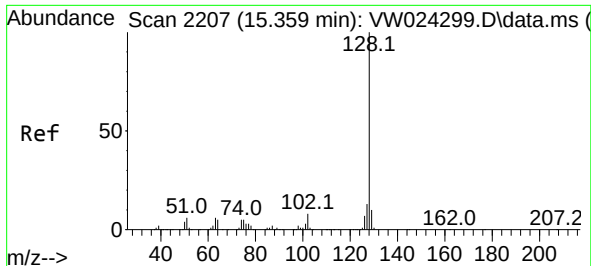
Ion Ratio Lower Upper

180 100

182 90.2 75.0 112.4

145 35.0 25.1 37.7

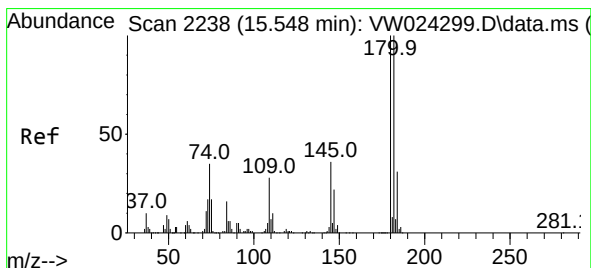
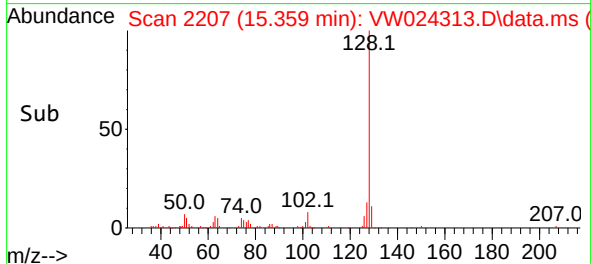
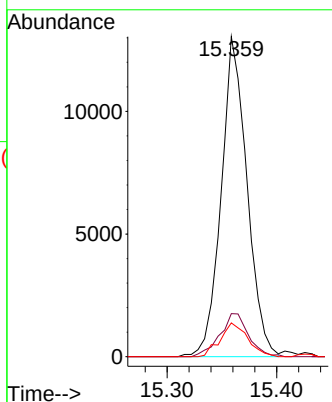
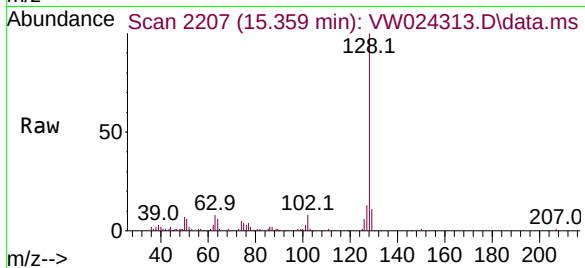




#71
Naphthalene
Concen: 8.802 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Instrument :
MSVOA_W
ClientSampleId :
EY163MS

Tgt Ion:	128	Resp:	21333
Ion Ratio	Lower	Upper	
128	100		
127	14.9	10.7	16.1
129	11.2	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 7.732 ug/L
RT: 15.542 min Scan# 2237
Delta R.T. -0.006 min
Lab File: VW024313.D
Acq: 23 Aug 2022 19:29

Tgt Ion:	180	Resp:	8759
Ion Ratio	Lower	Upper	
180	100		
182	107.4	75.4	113.2
145	42.4	26.9	40.3

