

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082422\
 Data File : VW024328.D
 Acq On : 24 Aug 2022 17:50
 Operator : SY/VA
 Sample : N4322-02MSRE
 Misc : 5.67g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY163MS

Quant Time: Aug 25 01:34:12 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	223180	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	199981	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80635	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	126916	27.206	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.840%	
7) Chloroethane-d5	2.873	69	103445	35.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 142.400%	
11) 1,1-Dichloroethene-d2	4.007	63	56007	10.535	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 42.120%#	
21) 2-Butanone-d5	7.080	46	53655	61.821	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.640%	
24) Chloroform-d	7.647	84	176197	26.092	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.360%	
26) 1,2-Dichloroethane-d4	8.305	65	103038	27.483	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 109.920%	
32) Benzene-d6	8.275	84	303645	25.745	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.000%	
36) 1,2-Dichloropropane-d6	9.268	67	98425	28.265	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 113.040%	
41) Toluene-d8	10.323	98	265586	24.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 96.360%	
43) trans-1,3-Dichloroprop...	10.573	79	37567	24.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.520%	
47) 2-Hexanone-d5	10.927	63	44025	68.447	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 136.900%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	111926	33.129	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 132.520%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	62840	21.296	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 85.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	45844	23.348	ug/L	97
3) Chloromethane	2.209	50	84973	23.075	ug/L	98
5) Vinyl chloride	2.349	62	170572	33.275	ug/L	99
6) Bromomethane	2.764	94	102374	34.831	ug/L	91
8) Chloroethane	2.910	64	90445	40.279	ug/L	94
9) Trichlorofluoromethane	3.245	101	65591	26.992	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	71247	21.739	ug/L	95
12) 1,1-Dichloroethene	4.032	96	54569	20.338	ug/L	96
13) Acetone	4.129	43	51130	80.017	ug/L	66
14) Carbon disulfide	4.373	76	130009	15.142	ug/L	96
15) Methyl Acetate	4.672	43	35218	24.470	ug/L	97
16) Methylene chloride	4.910	84	83277	21.160	ug/L	90
17) trans-1,2-Dichloroethene	5.416	96	64458	20.803	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	134873	30.526	ug/L #	91
19) 1,1-Dichloroethane	6.208	63	148027	27.121	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	80231	23.578	ug/L #	92
22) 2-Butanone	7.171	43	72682	67.502	ug/L	95
23) Bromochloromethane	7.513	128	38490	22.712	ug/L	85
25) Chloroform	7.671	83	170098	28.282	ug/L	96

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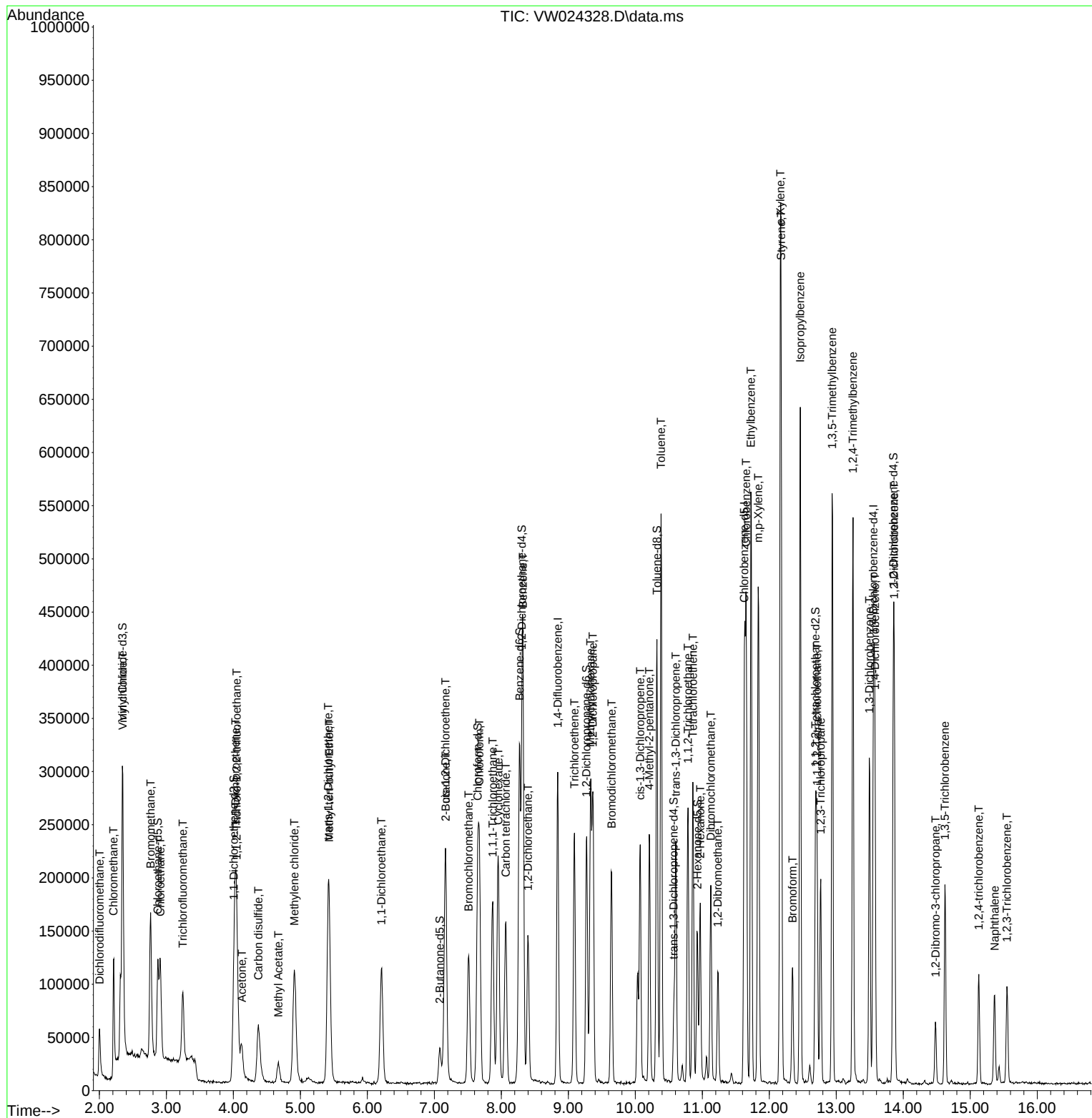
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	120771	29.842	ug/L	99
29) Cyclohexane	7.958	56	99415	24.248	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	131837	29.233	ug/L	97
31) Carbon tetrachloride	8.068	117	105592	24.818	ug/L	99
33) Benzene	8.324	78	351558	29.765	ug/L	100
34) Trichloroethene	9.092	95	76505	24.506	ug/L	93
35) Methylcyclohexane	9.329	83	100158	20.459	ug/L	96
37) 1,2-Dichloropropane	9.366	63	94833	32.480	ug/L	100
38) Bromodichloromethane	9.646	83	125020	30.529	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	118363	27.555	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	147169	75.949	ug/L	96
42) Toluene	10.384	91	363355	28.950	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	111681	28.454	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	76371	31.034	ug/L	96
46) Tetrachloroethene	10.860	164	51664	20.442	ug/L	88
48) 2-Hexanone	10.969	43	102911	78.257	ug/L	97
49) Dibromochloromethane	11.128	129	84560	28.542	ug/L	96
50) 1,2-Dibromoethane	11.232	107	66463	28.189	ug/L #	100
51) Chlorobenzene	11.652	112	205549	23.969	ug/L	91
52) Ethylbenzene	11.725	91	367500	26.725	ug/L	99
53) m,p-Xylene	11.835	106	142357	26.595	ug/L	96
54) o-Xylene	12.164	106	138956	27.478	ug/L	97
55) Styrene	12.177	104	222828	25.335	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	101572	33.026	ug/L	94
59) Bromoform	12.347	173	43152	35.084	ug/L	98
60) Isopropylbenzene	12.463	105	368409	37.741	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	72165	44.970	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	275210	34.117	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	257499	32.413	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	111998	23.431	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	114638	22.649	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	109838	24.198	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	14558	38.829	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.621	180	47836	15.262	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	27270	10.864	ug/L	97
71) Naphthalene	15.365	128	68205	13.950	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	24766	10.837	ug/L	95

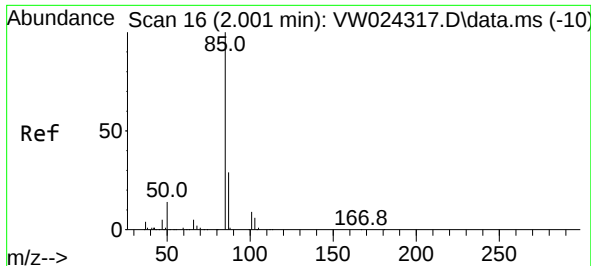
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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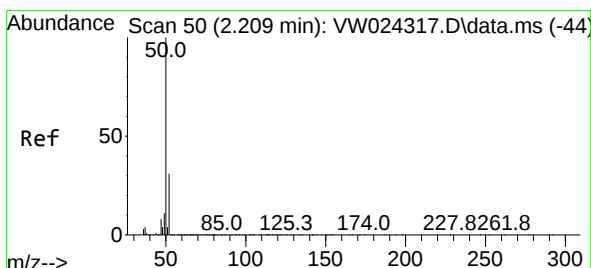
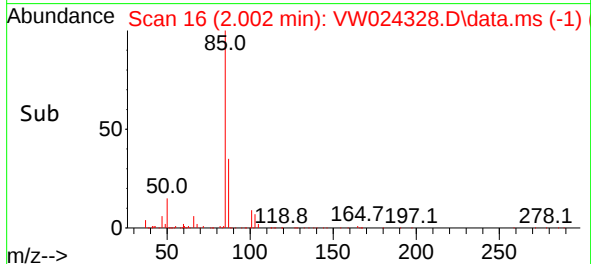
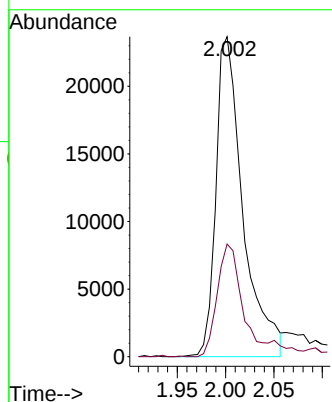
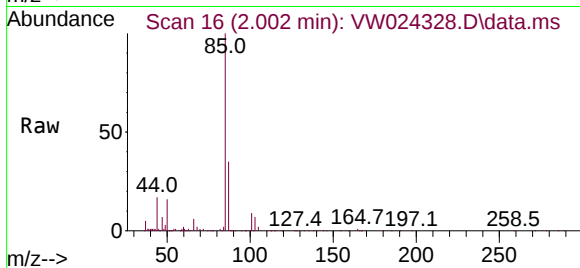




#2
Dichlorodifluoromethane
Concen: 23.348 ug/L
RT: 2.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

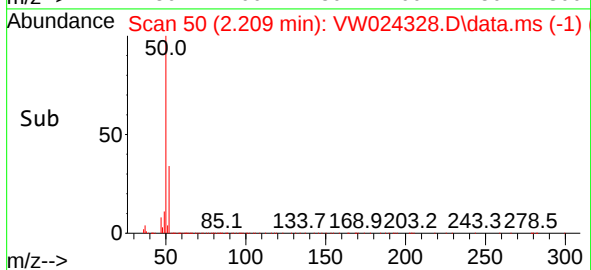
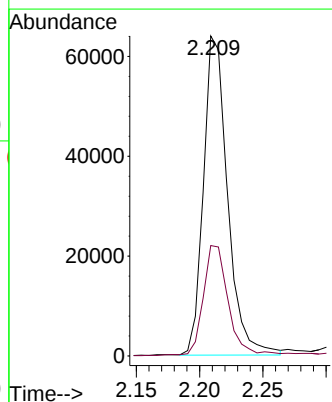
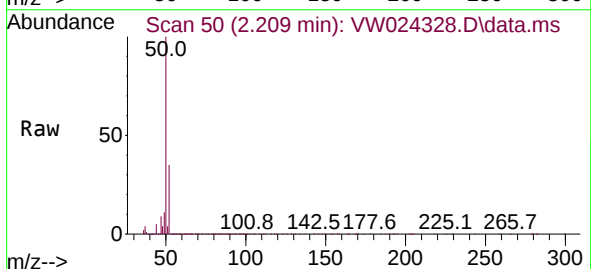
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ClientSampleId :
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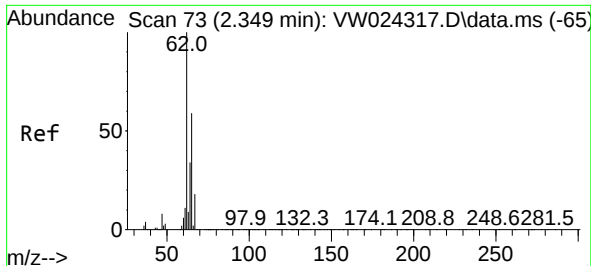
Tgt Ion: 85 Resp: 45844
Ion Ratio Lower Upper
85 100
87 32.0 24.5 36.7



#3
Chloromethane
Concen: 23.075 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 50 Resp: 84973
Ion Ratio Lower Upper
50 100
52 34.5 23.2 43.2

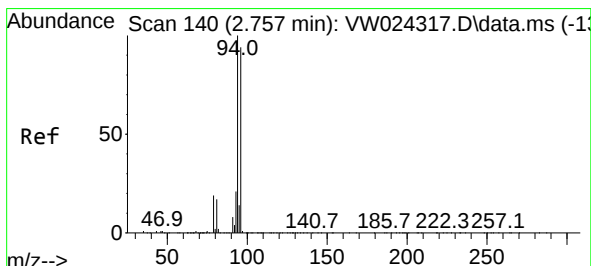
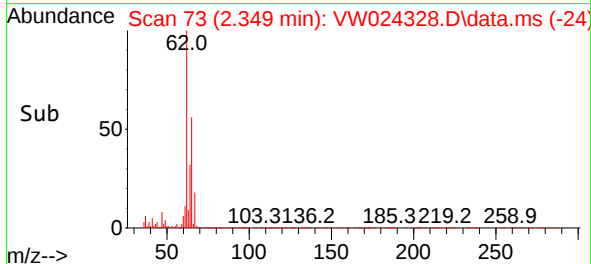
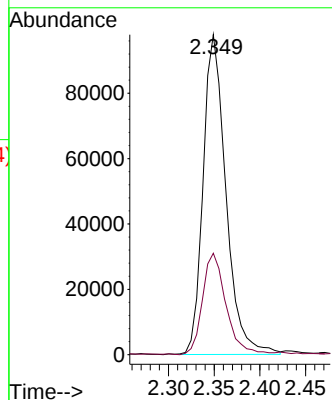
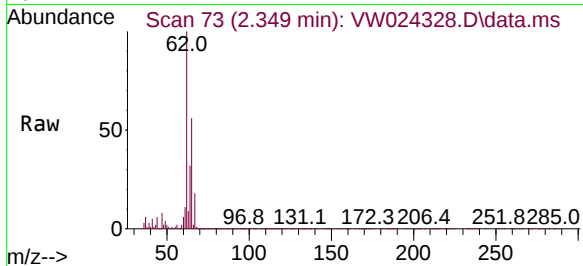




#5
 Vinyl chloride
 Concen: 33.275 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024328.D
 Acq: 24 Aug 2022 17:50

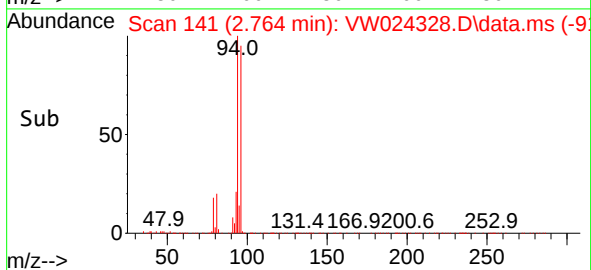
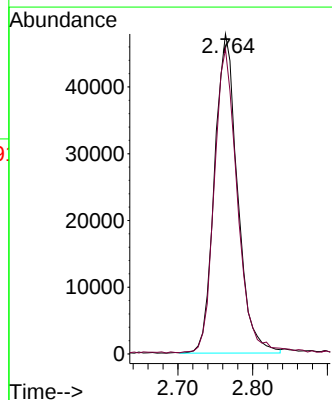
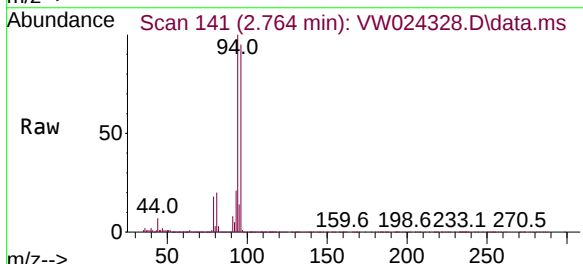
Instrument :
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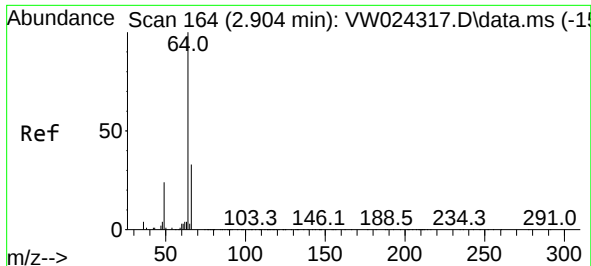
Tgt Ion: 62 Resp: 170572
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.7 42.3



#6
 Bromomethane
 Concen: 34.831 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. 0.006 min
 Lab File: VW024328.D
 Acq: 24 Aug 2022 17:50

Tgt Ion: 94 Resp: 102374
 Ion Ratio Lower Upper
 94 100
 96 95.2 61.0 113.4

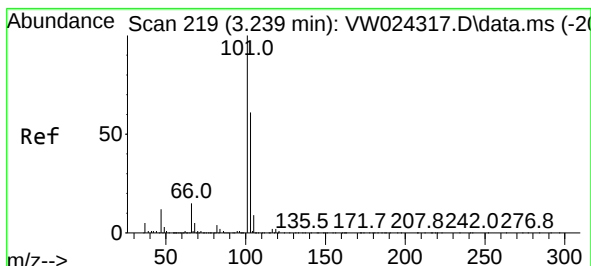
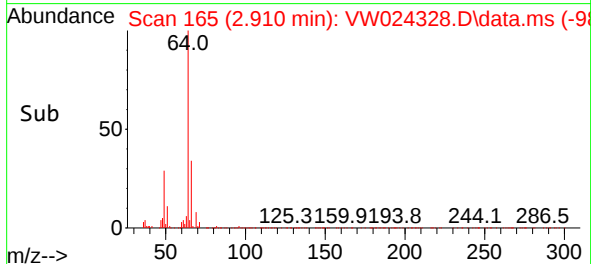
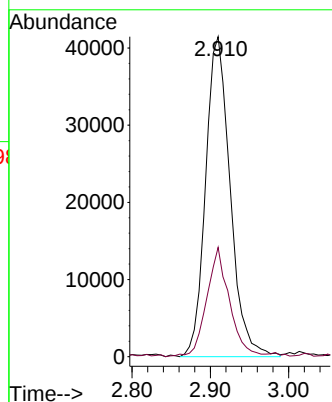
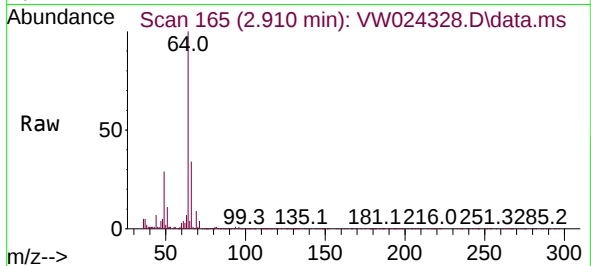




#8
Chloroethane
Concen: 40.279 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

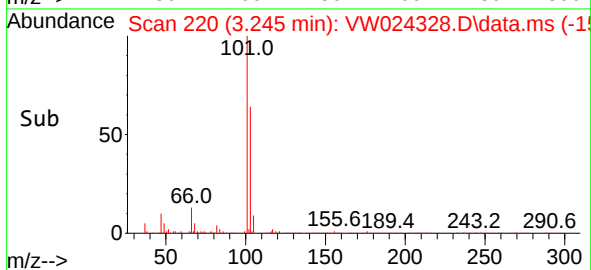
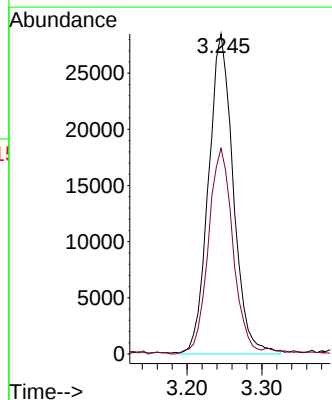
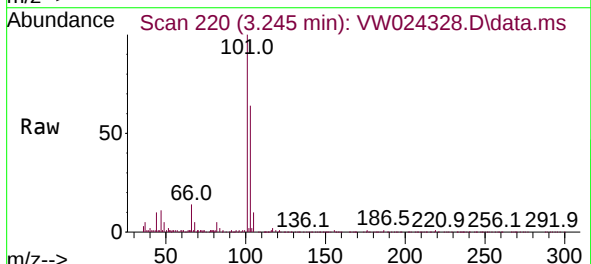
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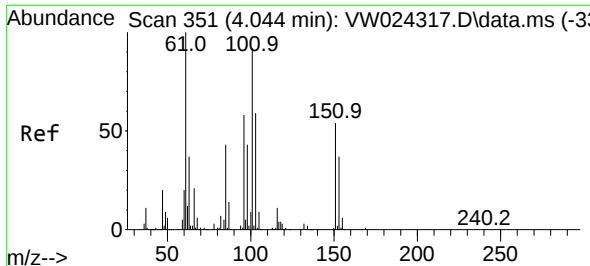
Tgt Ion: 64 Resp: 90445
Ion Ratio Lower Upper
64 100
66 34.1 21.6 40.0



#9
Trichlorofluoromethane
Concen: 26.992 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 101 Resp: 65591
Ion Ratio Lower Upper
101 100
103 63.8 50.5 75.7

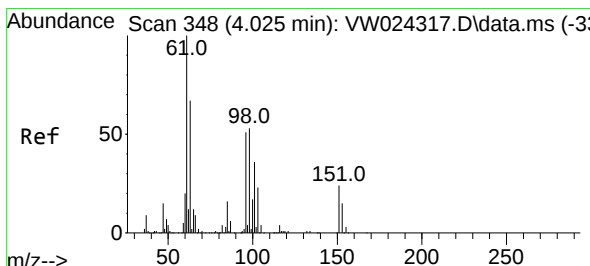
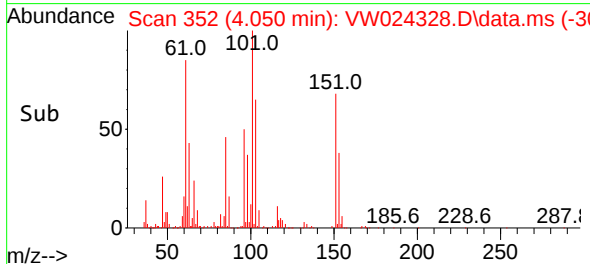
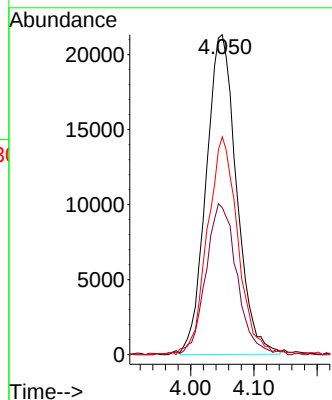
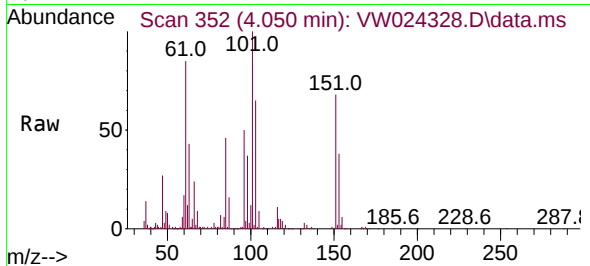




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.739 ug/L
 RT: 4.050 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW024328.D
 Acq: 24 Aug 2022 17:50

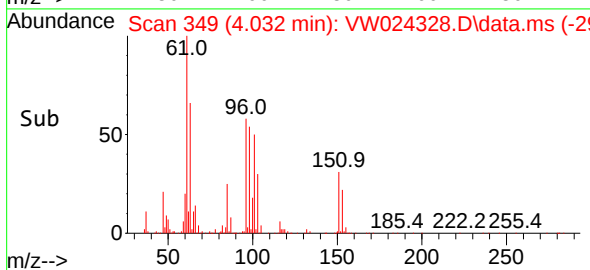
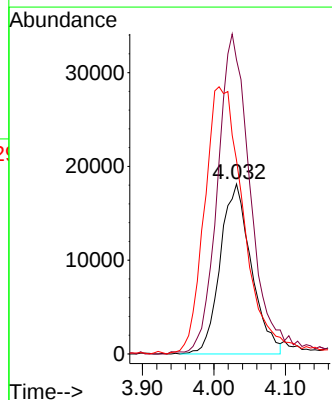
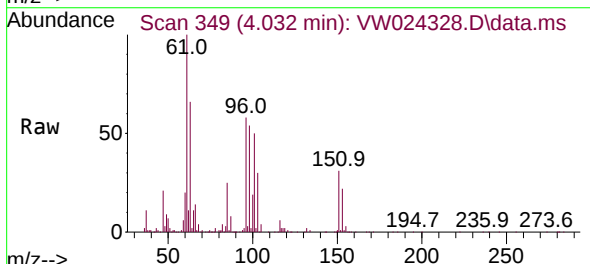
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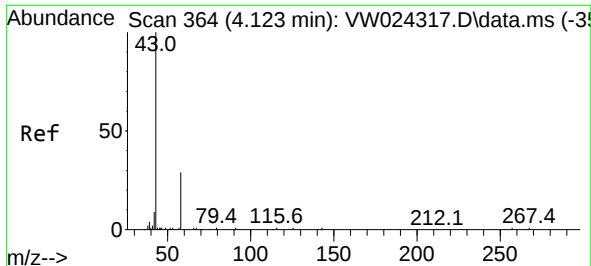
Tgt Ion:101 Resp: 71247
 Ion Ratio Lower Upper
 101 100
 85 47.7 34.9 52.3
 151 67.6 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 20.338 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024328.D
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Tgt Ion: 96 Resp: 54569
 Ion Ratio Lower Upper
 96 100
 61 173.1 123.1 228.5
 63 114.0 84.9 157.7

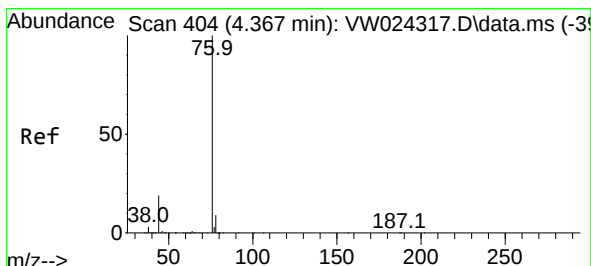
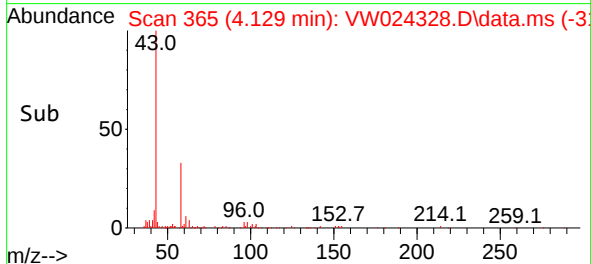
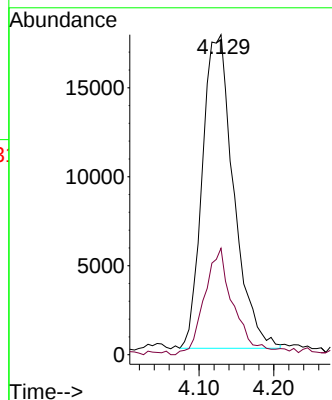
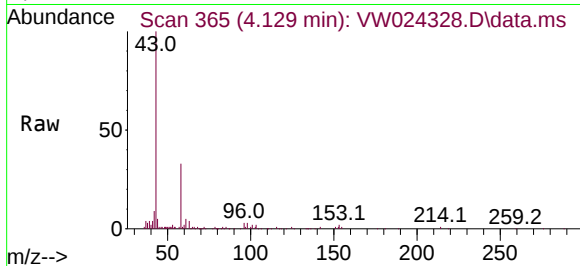




#13
Acetone
Concen: 80.017 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
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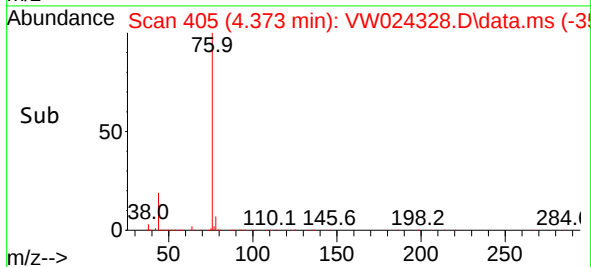
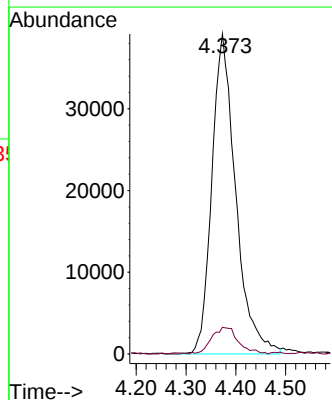
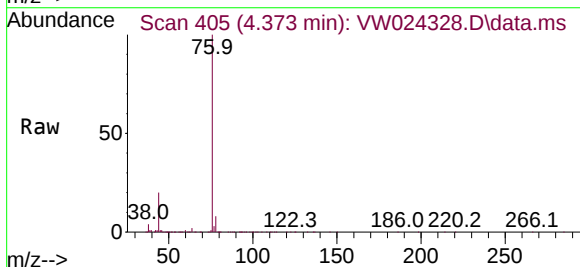
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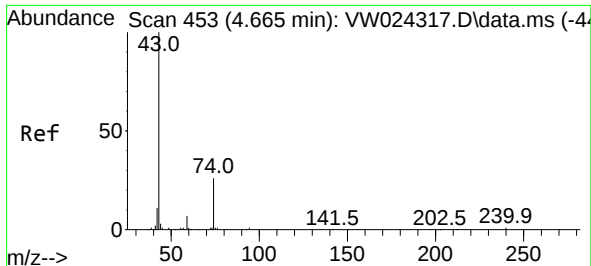
Tgt Ion: 43 Resp: 51130
Ion Ratio Lower Upper
43 100
58 30.4 0.0 31.8



#14
Carbon disulfide
Concen: 15.142 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 76 Resp: 130009
Ion Ratio Lower Upper
76 100
78 8.3 7.9 11.9

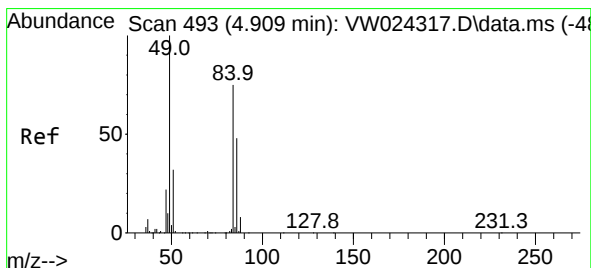
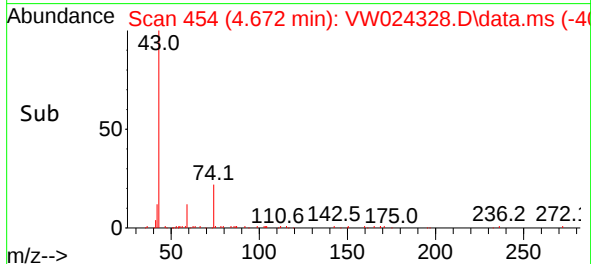
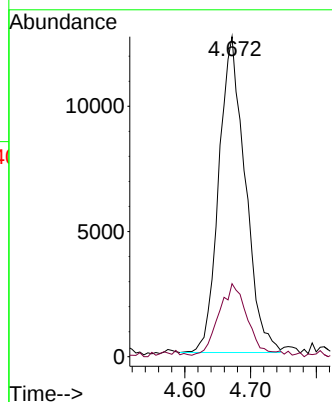
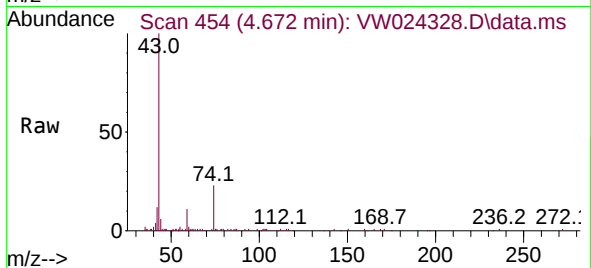




#15
Methyl Acetate
Concen: 24.470 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

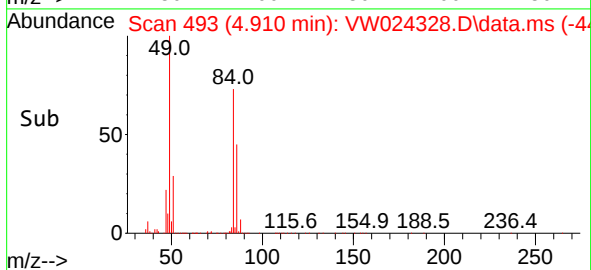
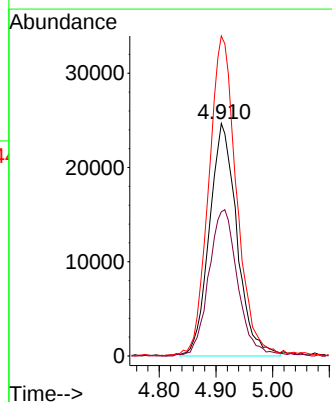
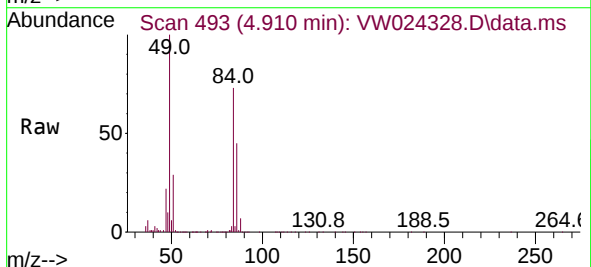
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

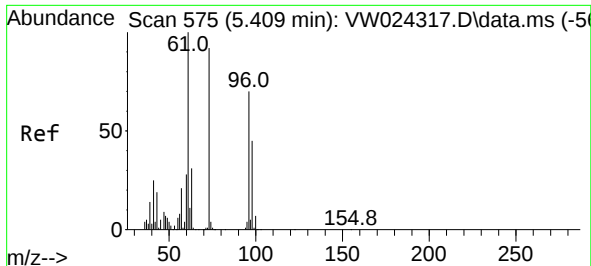
Tgt Ion: 43 Resp: 35218
Ion Ratio Lower Upper
43 100
74 25.4 21.5 32.3



#16
Methylene chloride
Concen: 21.160 ug/L
RT: 4.910 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 84 Resp: 83277
Ion Ratio Lower Upper
84 100
86 62.0 42.8 79.6
49 137.6 85.3 158.3

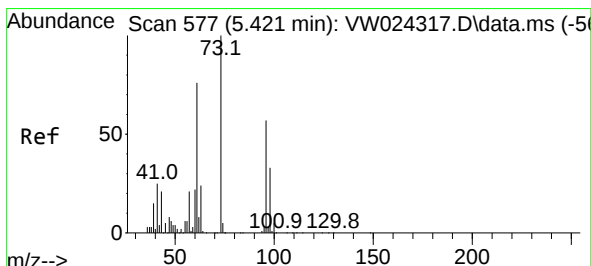
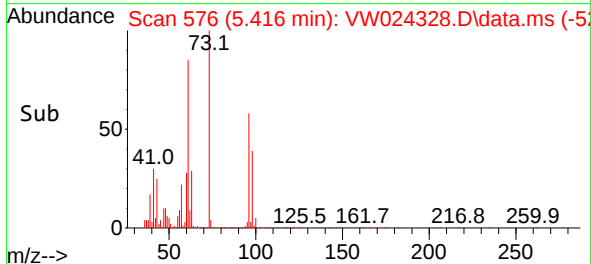
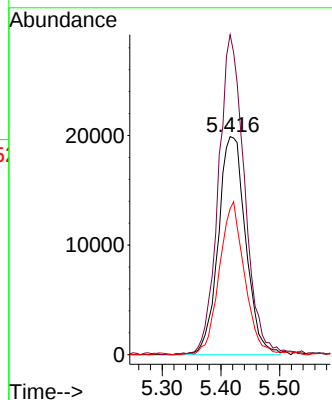
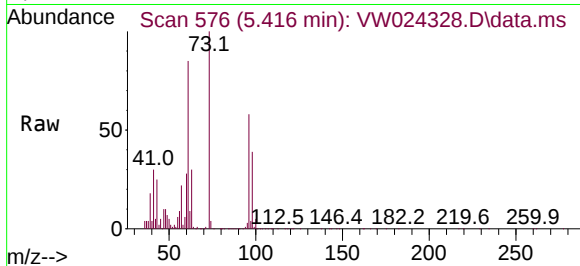




#17
trans-1,2-Dichloroethene
Concen: 20.803 ug/L
RT: 5.416 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

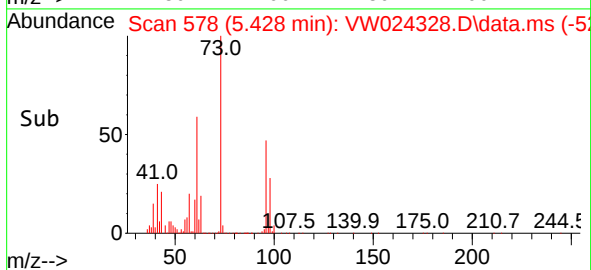
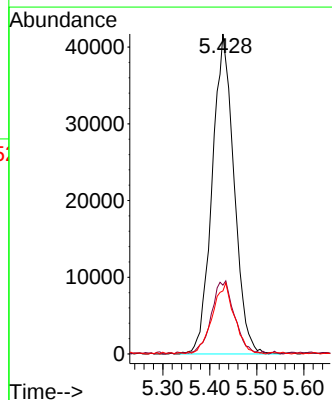
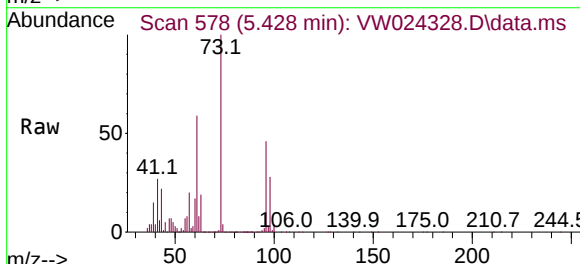
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

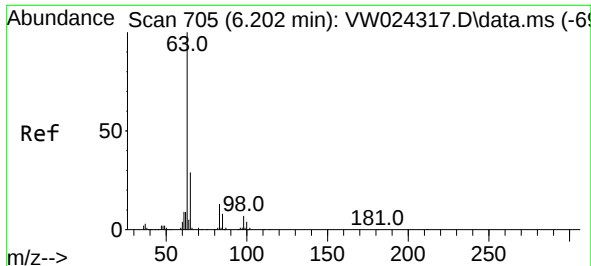
Tgt Ion: 96 Resp: 64458
Ion Ratio Lower Upper
96 100
61 146.8 93.0 172.8
98 66.9 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 30.526 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 73 Resp: 134873
Ion Ratio Lower Upper
73 100
43 12.8 16.6 24.8
57 21.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 27.121 ug/L

RT: 6.208 min Scan# 705

Delta R.T. 0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

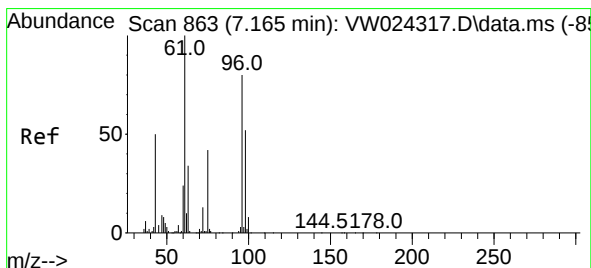
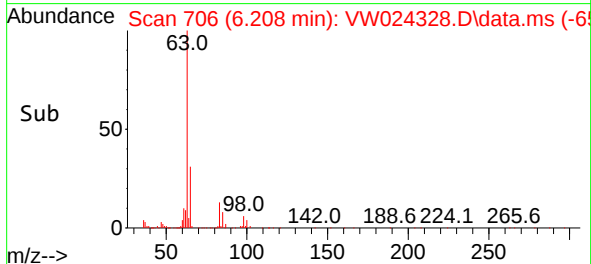
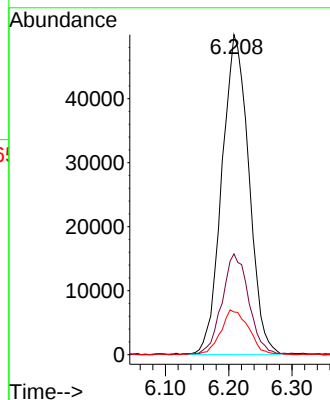
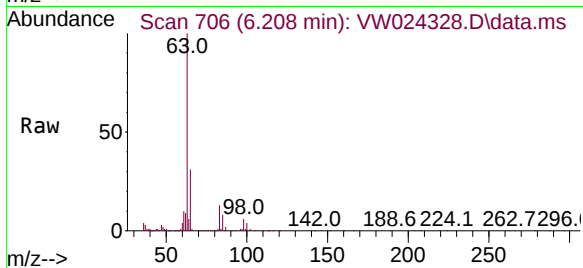
Tgt Ion: 63 Resp: 148027

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 13.3 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 23.578 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

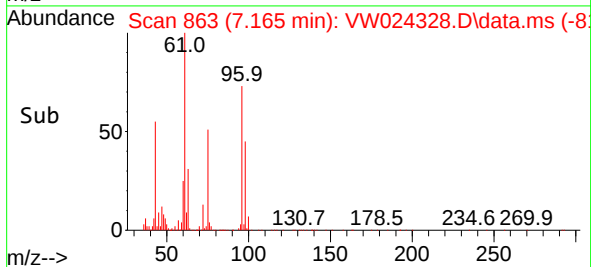
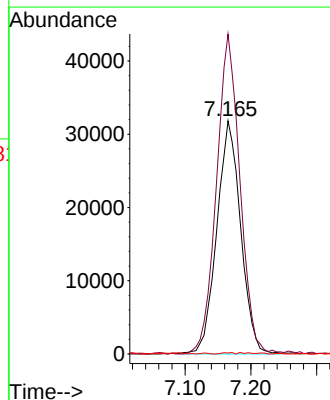
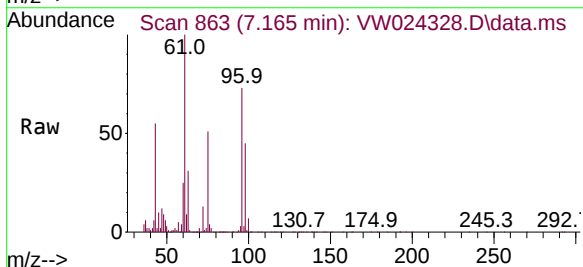
Tgt Ion: 96 Resp: 80231

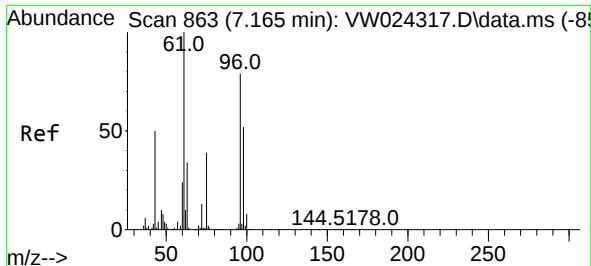
Ion Ratio Lower Upper

96 100

61 137.3 89.5 166.3

68 0.7 0.1 0.1#

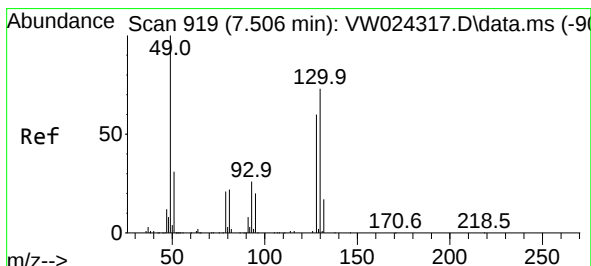
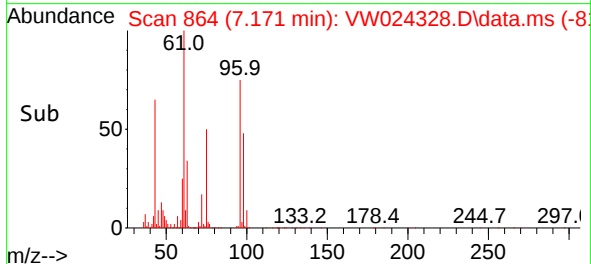
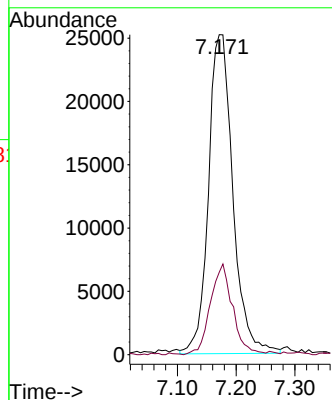
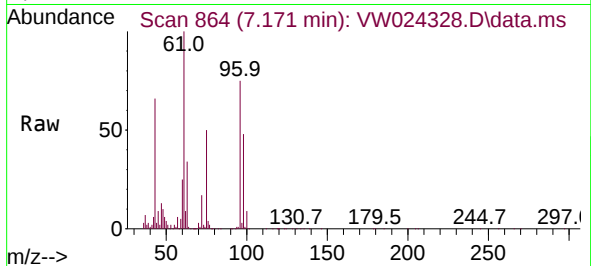




#22
2-Butanone
Concen: 67.502 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

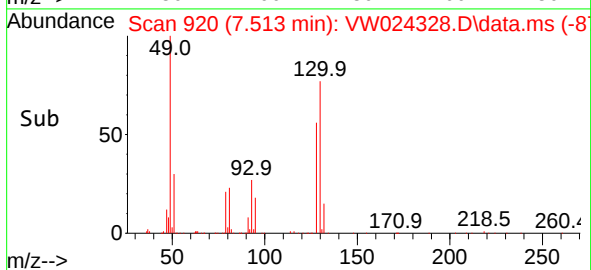
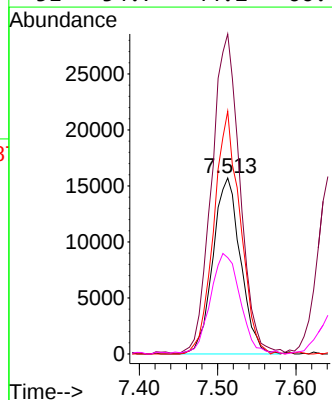
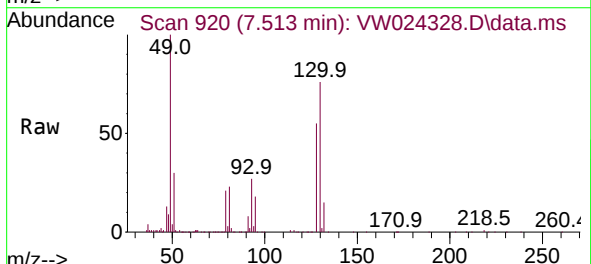
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

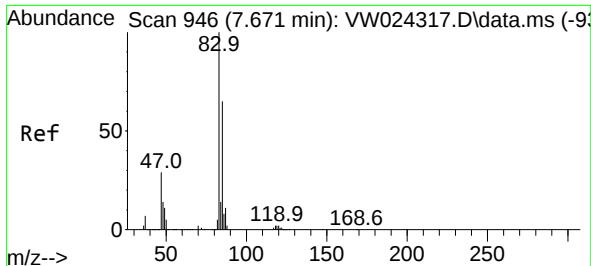
Tgt Ion: 43 Resp: 72682
Ion Ratio Lower Upper
43 100
72 25.9 14.3 42.9



#23
Bromochloromethane
Concen: 22.712 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 128 Resp: 38490
Ion Ratio Lower Upper
128 100
49 181.8 106.6 198.0
130 137.8 88.1 163.5
51 54.7 44.2 66.4

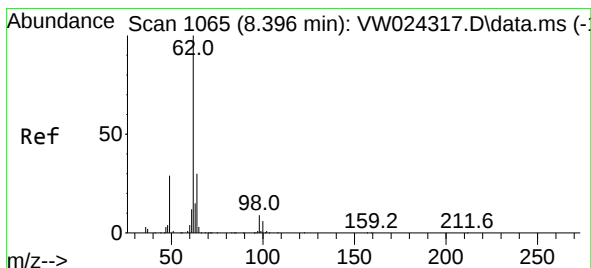
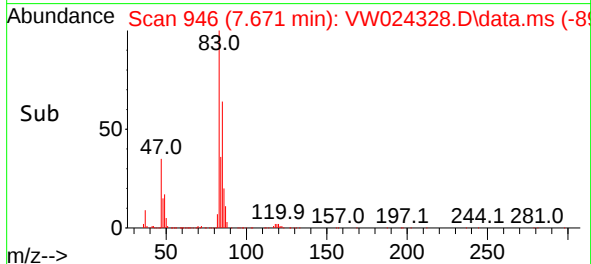
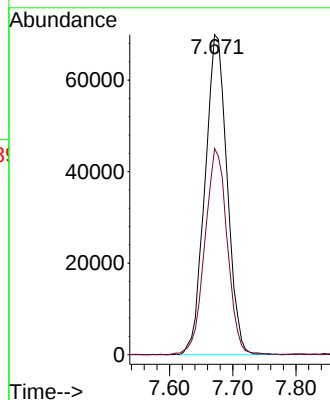
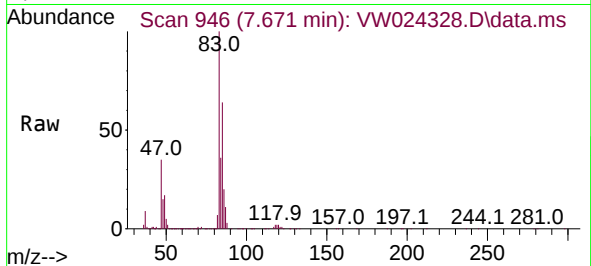




#25
Chloroform
Concen: 28.282 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

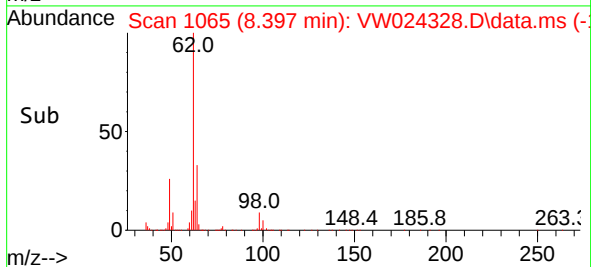
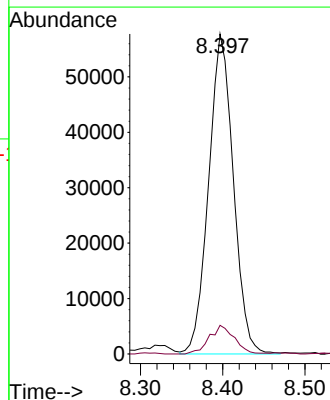
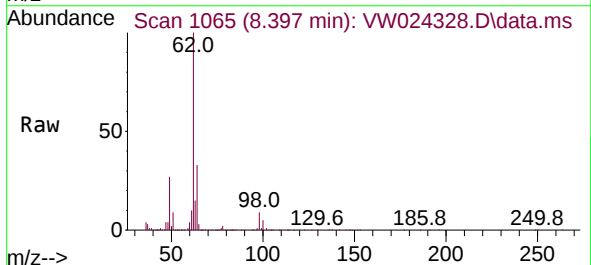
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

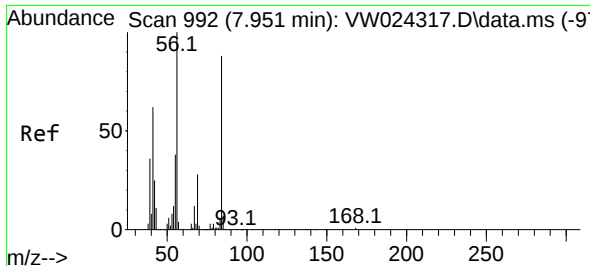
Tgt Ion: 83 Resp: 170098
Ion Ratio Lower Upper
83 100
85 64.4 42.9 79.7



#27
1,2-Dichloroethane
Concen: 29.842 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 62 Resp: 120771
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.0





#29

Cyclohexane

Concen: 24.248 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

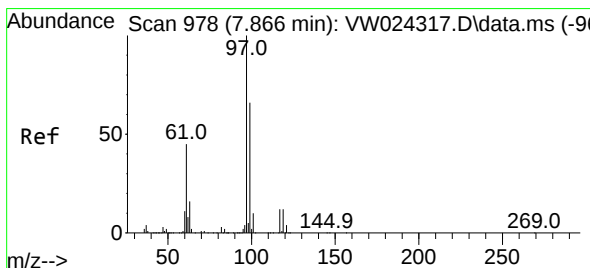
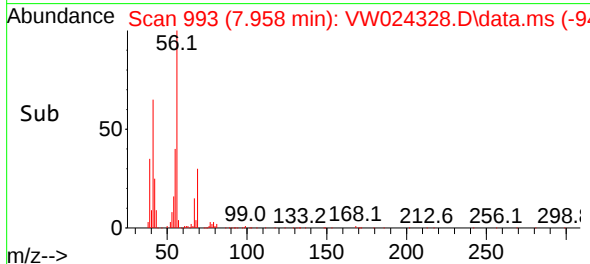
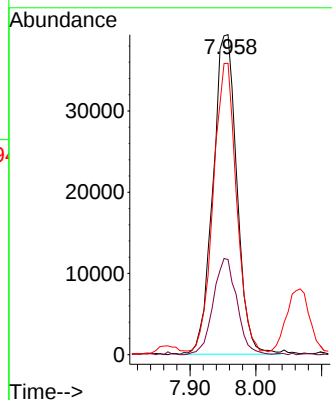
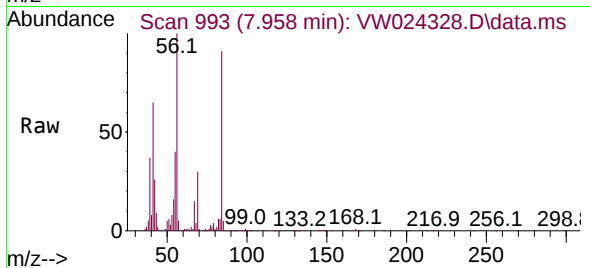
Tgt Ion: 56 Resp: 99415

Ion Ratio Lower Upper

56 100

69 29.9 24.5 36.7

84 89.7 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 29.233 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

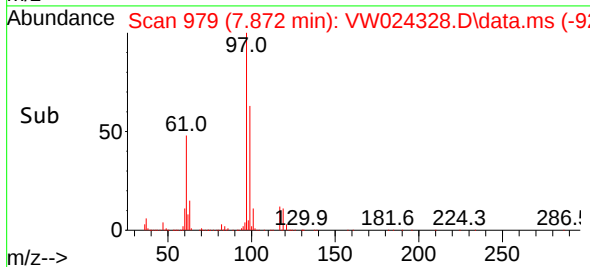
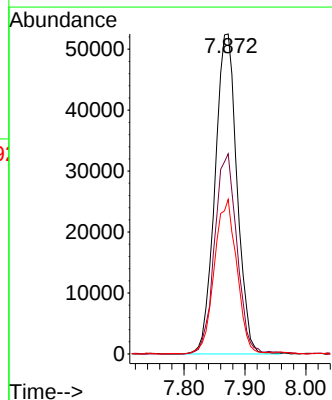
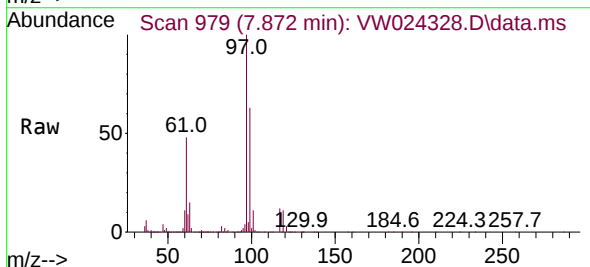
Tgt Ion: 97 Resp: 131837

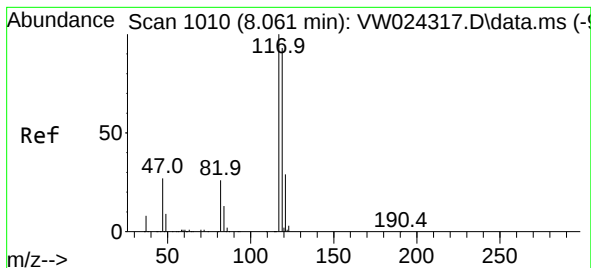
Ion Ratio Lower Upper

97 100

99 63.2 51.0 76.6

61 49.3 36.2 54.2





#31

Carbon tetrachloride

Concen: 24.818 ug/L

RT: 8.068 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

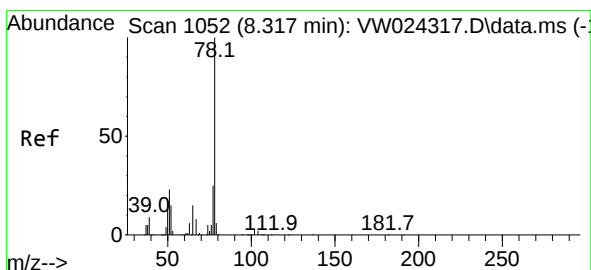
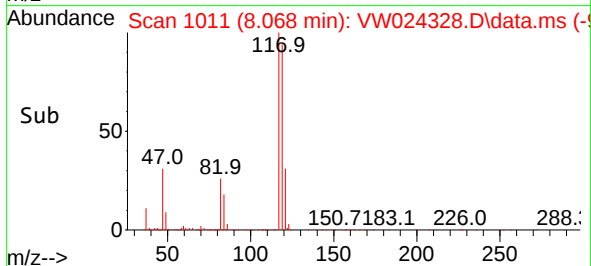
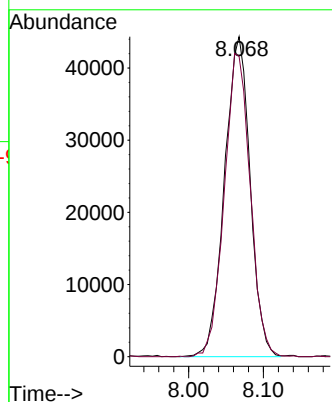
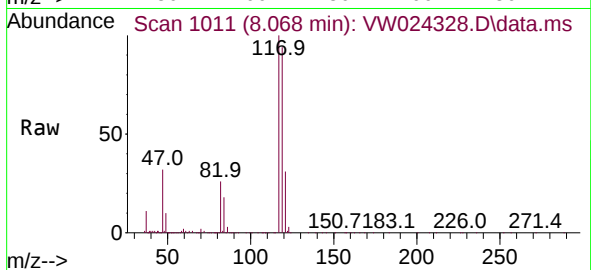
EY163MS

Tgt Ion:117 Resp: 105592

Ion Ratio Lower Upper

117 100

119 96.1 77.8 116.8



#33

Benzene

Concen: 29.765 ug/L

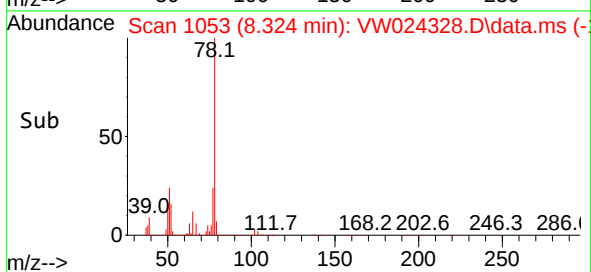
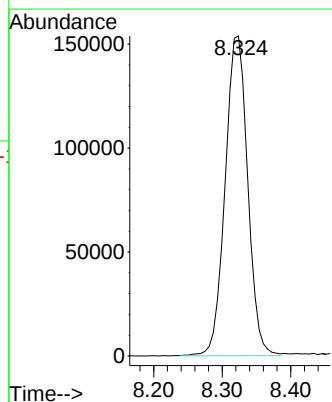
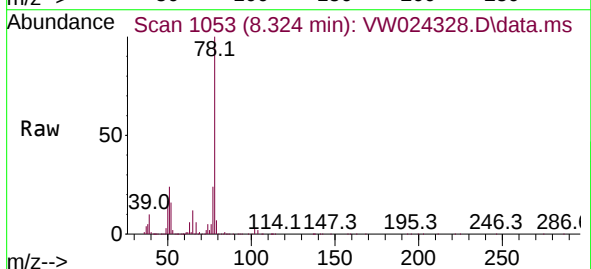
RT: 8.324 min Scan# 1053

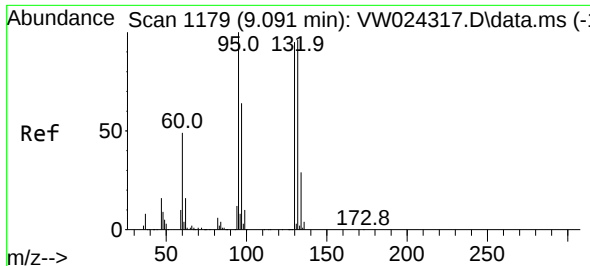
Delta R.T. 0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Tgt Ion: 78 Resp: 351558

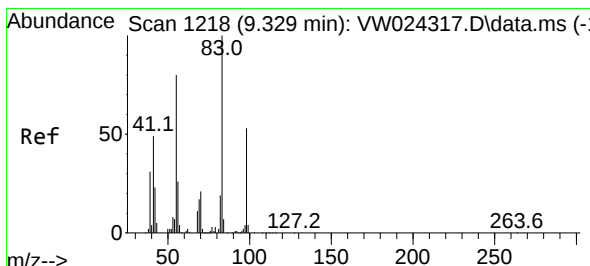
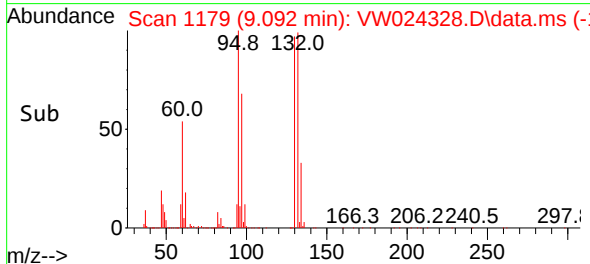
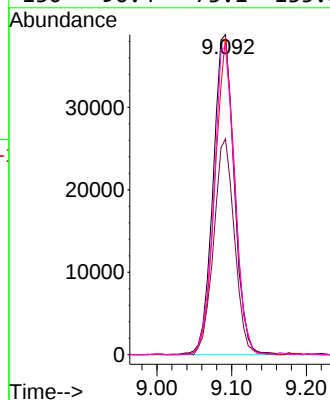
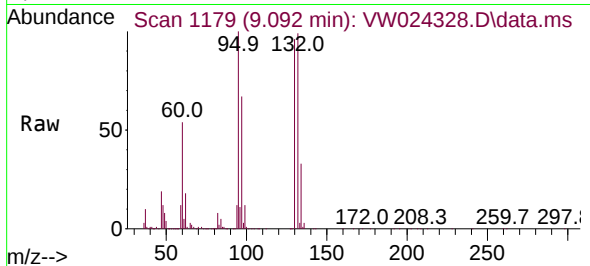




#34
Trichloroethene
Concen: 24.506 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

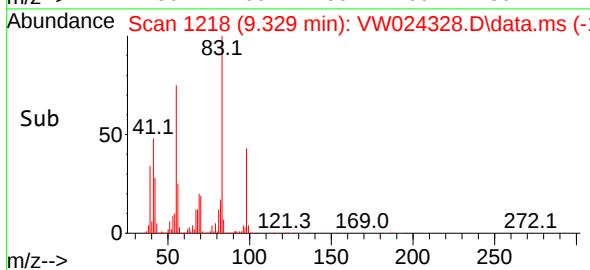
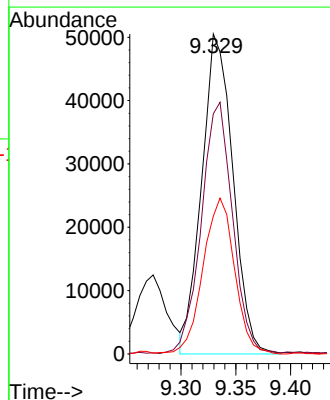
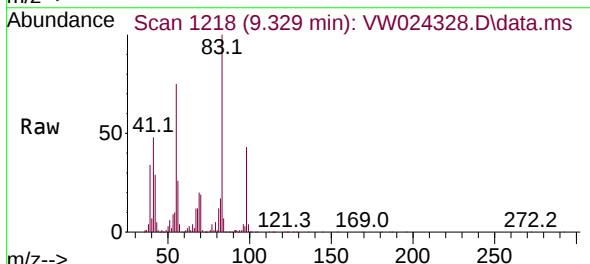
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

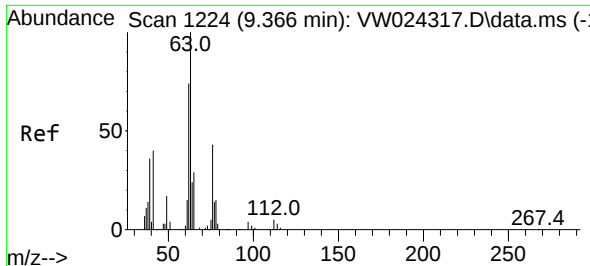
Tgt Ion:	95	Resp:	76505
Ion	Ratio	Lower	Upper
95	100		
97	67.5	41.6	77.2
132	99.2	67.0	124.4
130	96.4	73.1	135.8



#35
Methylcyclohexane
Concen: 20.459 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion:	83	Resp:	100158
Ion	Ratio	Lower	Upper
83	100		
55	78.3	59.1	88.7
98	49.3	40.8	61.2





#37

1,2-Dichloropropane

Concen: 32.480 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

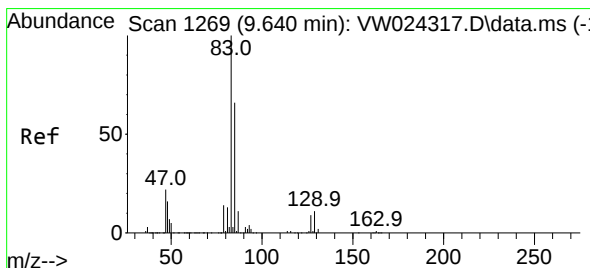
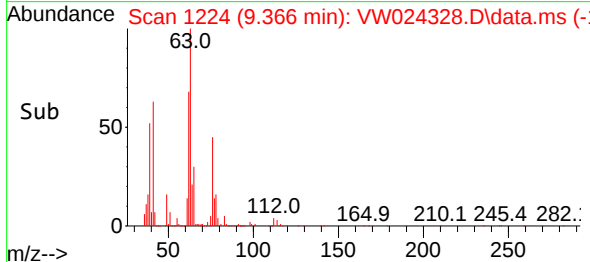
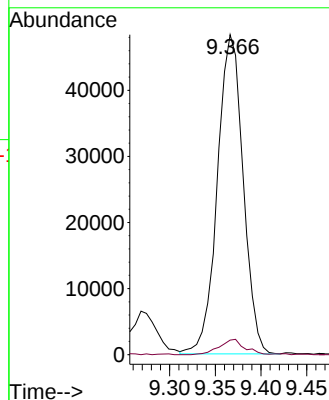
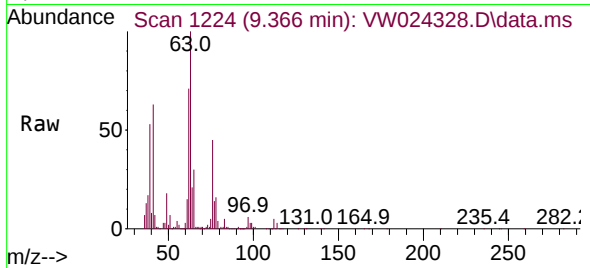
EY163MS

Tgt Ion: 63 Resp: 94833

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 30.529 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

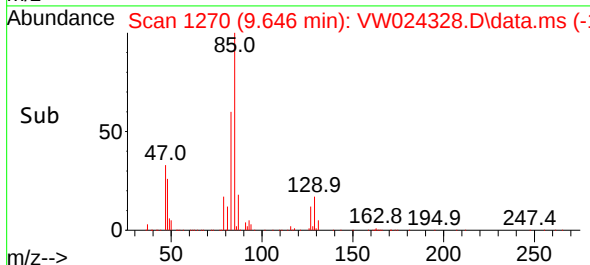
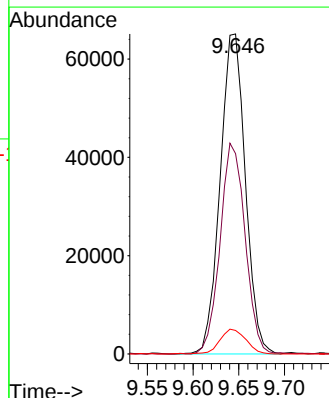
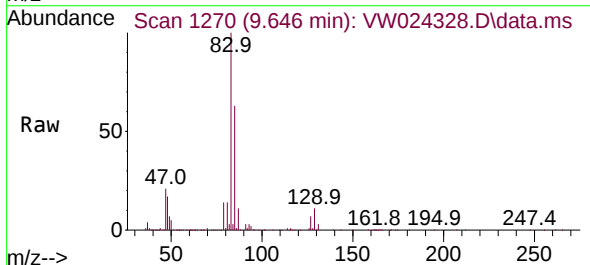
Tgt Ion: 83 Resp: 125020

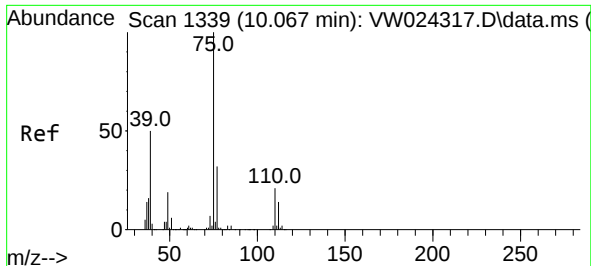
Ion Ratio Lower Upper

83 100

85 62.6 43.7 81.1

127 7.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 27.555 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

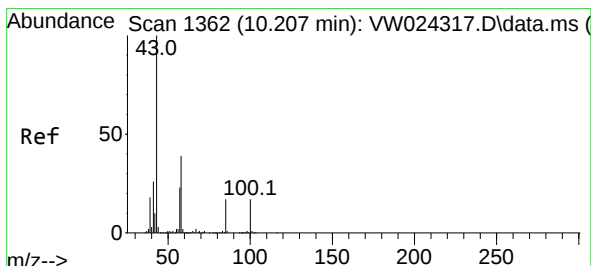
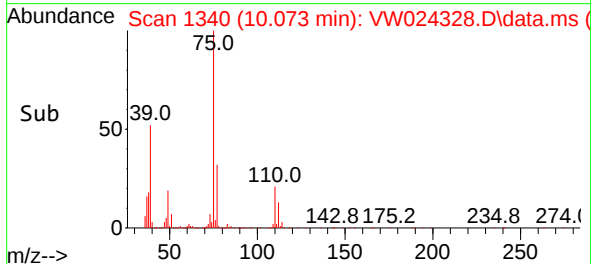
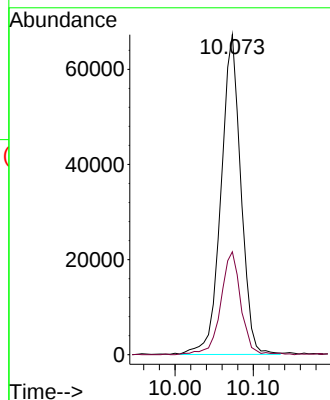
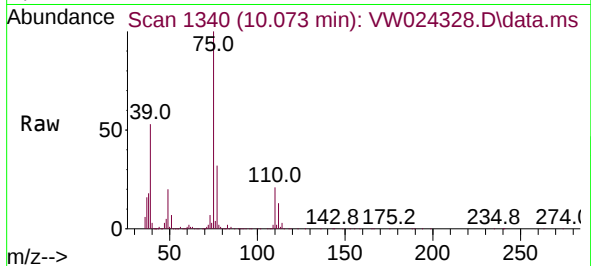
EY163MS

Tgt Ion: 75 Resp: 118363

Ion Ratio Lower Upper

75 100

77 32.2 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 75.949 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

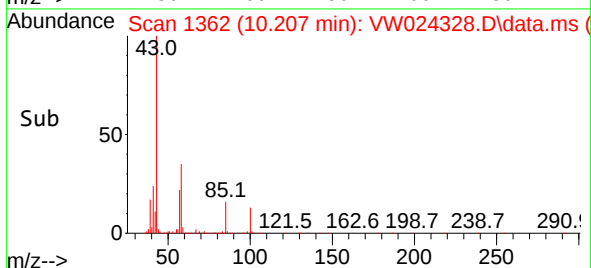
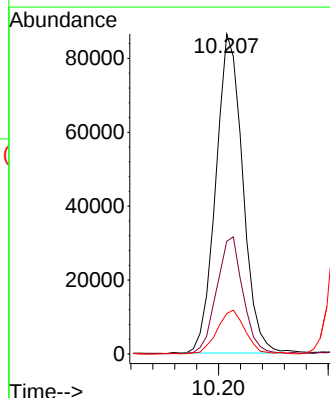
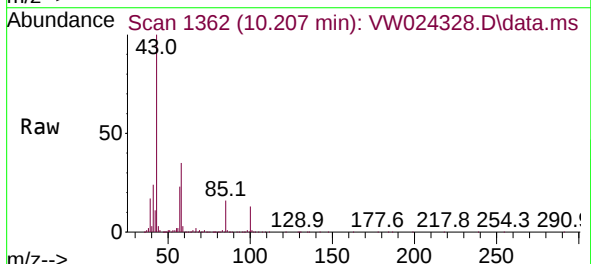
Tgt Ion: 43 Resp: 147169

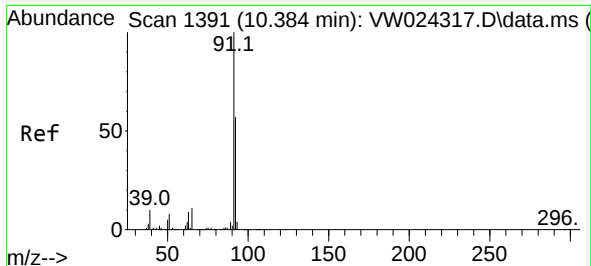
Ion Ratio Lower Upper

43 100

58 36.2 30.5 45.7

100 14.1 13.8 20.6

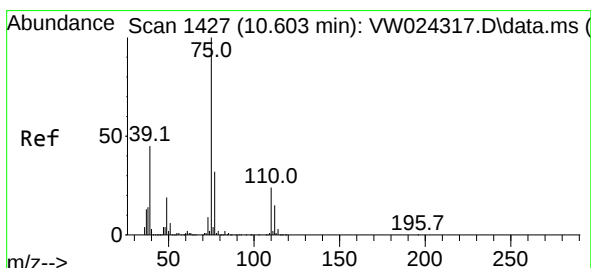
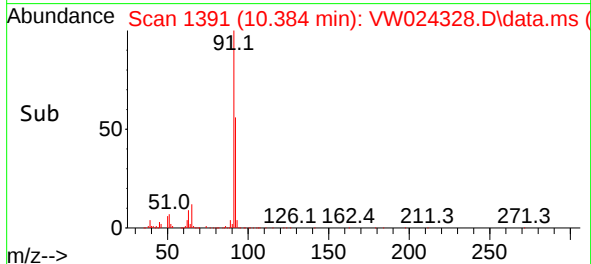
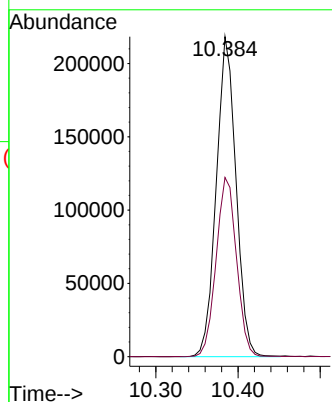
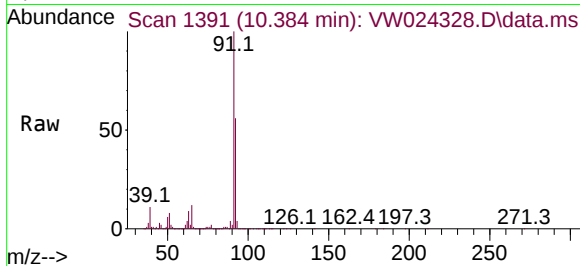




#42
Toluene
Concen: 28.950 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

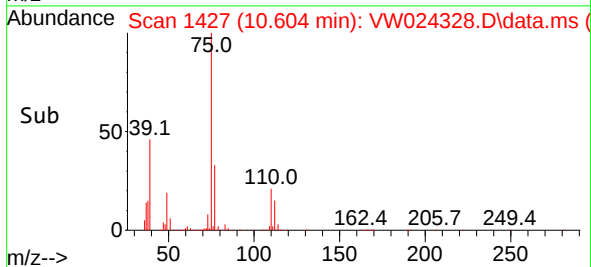
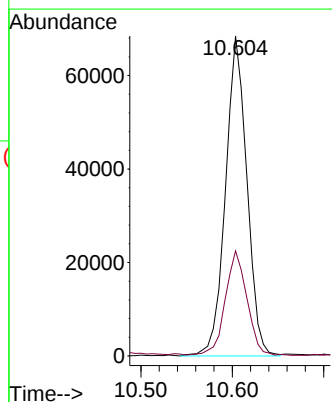
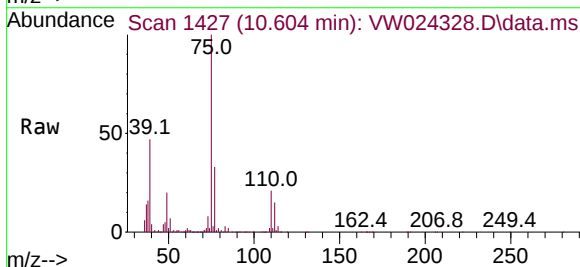
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

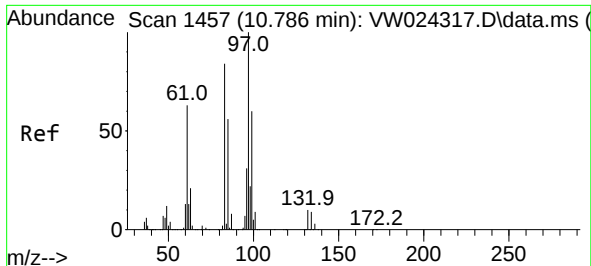
Tgt Ion: 91 Resp: 363355
Ion Ratio Lower Upper
91 100
92 56.0 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 28.454 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 75 Resp: 111681
Ion Ratio Lower Upper
75 100
77 32.8 22.4 41.6

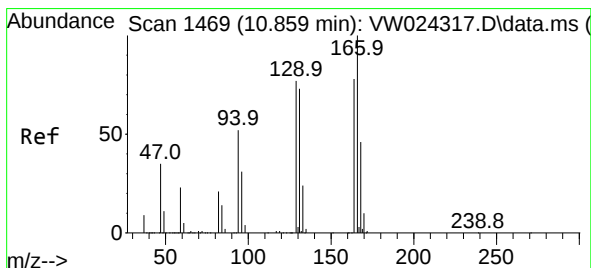
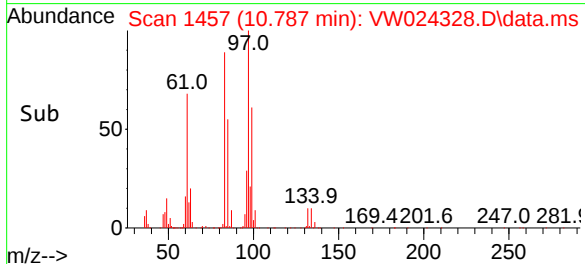
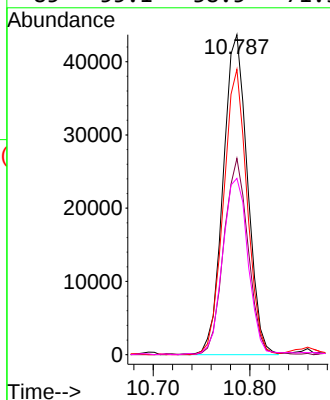
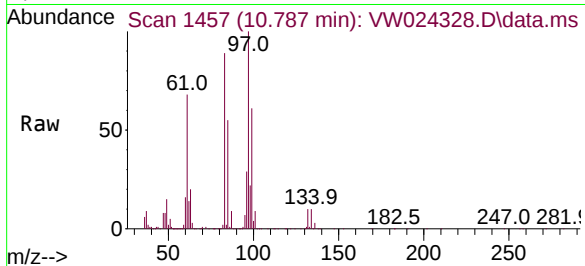




#45
1,1,2-Trichloroethane
Concen: 31.034 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

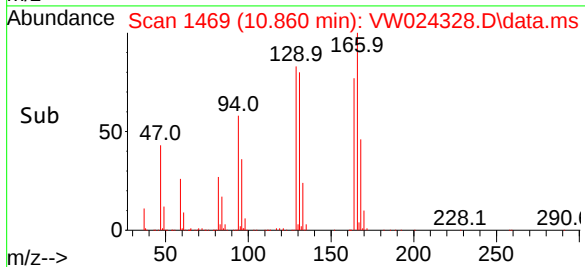
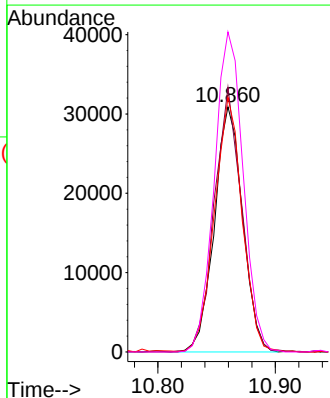
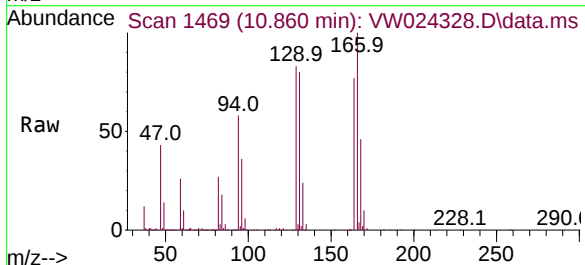
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

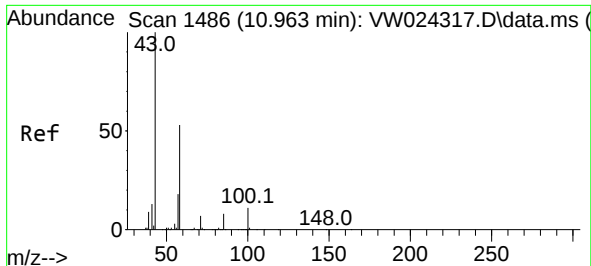
Tgt Ion:	97	Resp:	76371
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.8	81.3
83	89.1	56.4	104.7
85	55.1	38.5	71.5



#46
Tetrachloroethene
Concen: 20.442 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion:	164	Resp:	51664
Ion	Ratio	Lower	Upper
164	100		
129	108.0	63.1	117.3
131	103.8	63.9	118.7
166	130.6	86.8	161.2

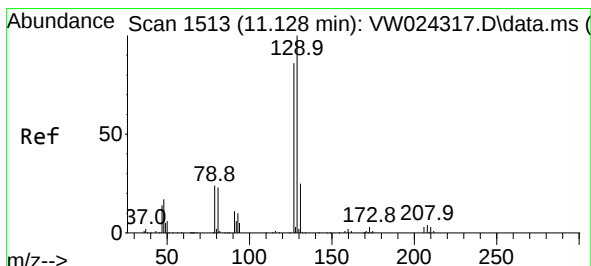
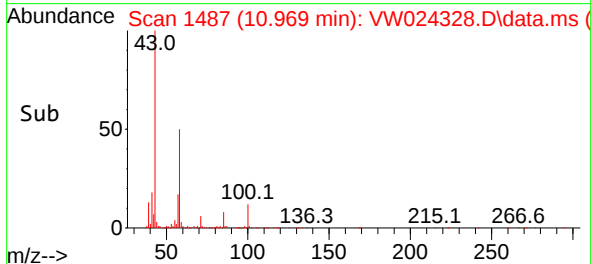
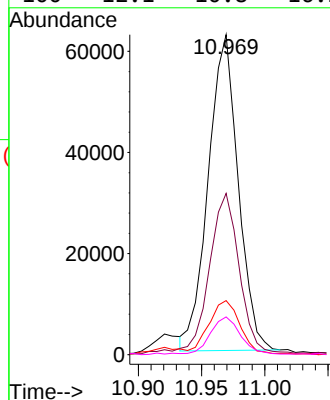
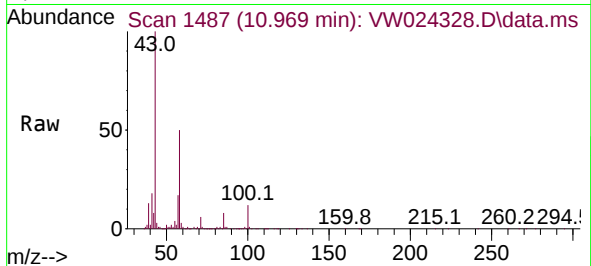




#48
2-Hexanone
Concen: 78.257 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

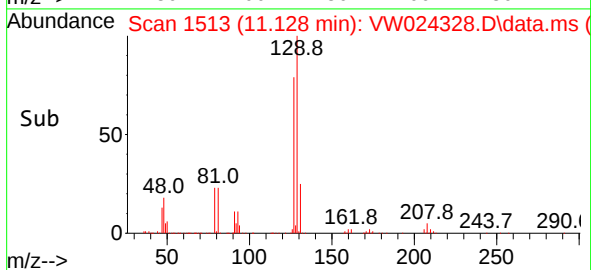
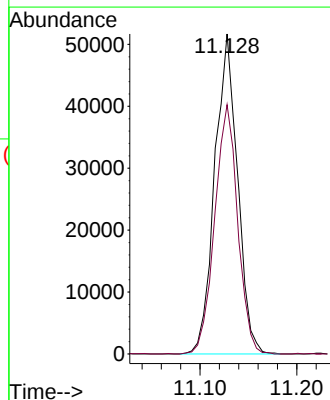
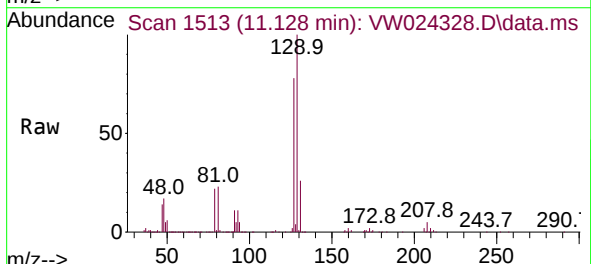
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

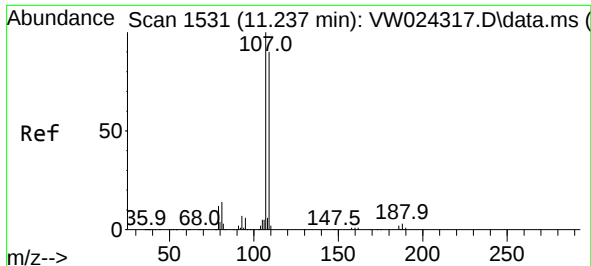
Tgt Ion: 43	Resp: 102911
Ion Ratio	Lower Upper
43 100	
58 51.6	43.4 65.0
57 17.8	15.0 22.4
100 12.1	10.8 16.2



#49
Dibromochloromethane
Concen: 28.542 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion:129	Resp: 84560		
Ion Ratio	Lower	Upper	
129 100			
127 77.9	52.3	97.1	





#50

1,2-Dibromoethane

Concen: 28.189 ug/L

RT: 11.232 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

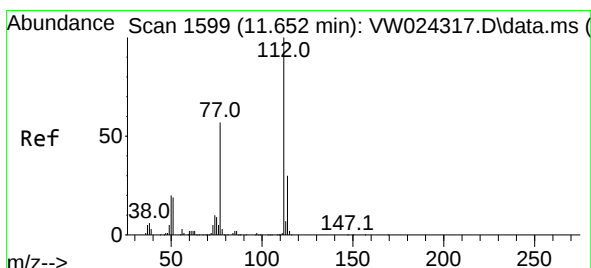
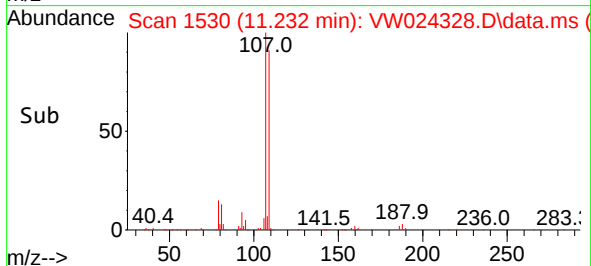
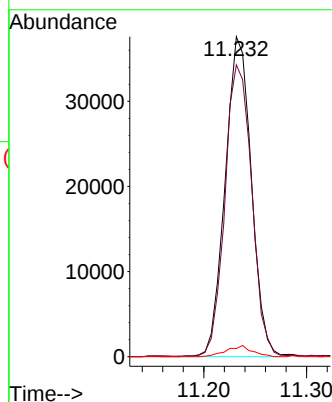
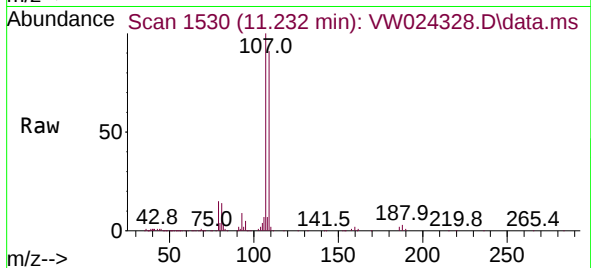
Tgt Ion:107 Resp: 66463

Ion Ratio Lower Upper

107 100

109 91.2 64.0 119.0

188 2.5 3.1 4.7#



#51

Chlorobenzene

Concen: 23.969 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

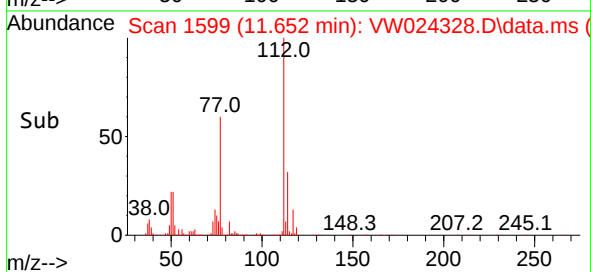
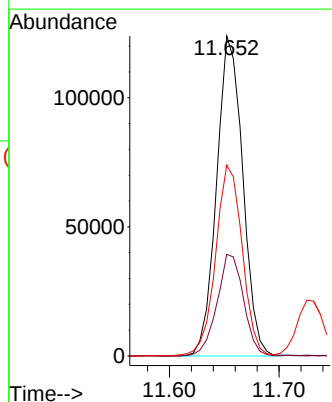
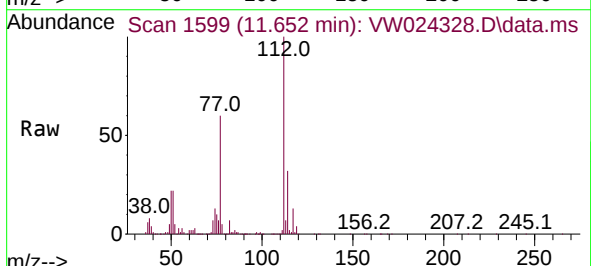
Tgt Ion:112 Resp: 205549

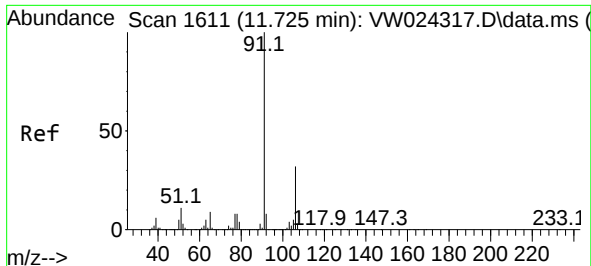
Ion Ratio Lower Upper

112 100

114 31.8 20.7 38.5

77 59.6 41.4 62.2

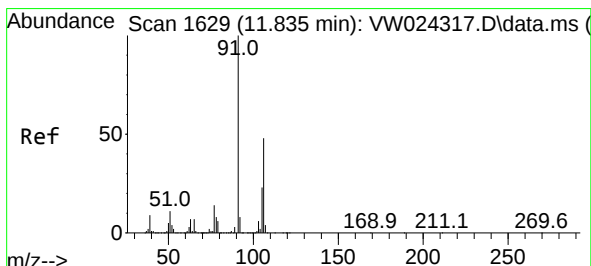
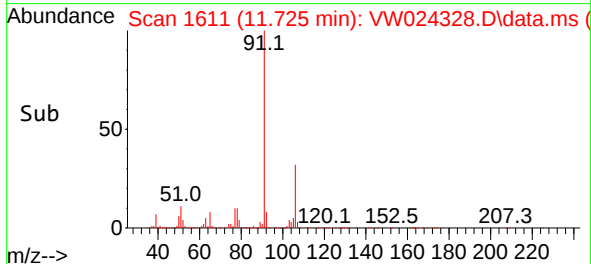
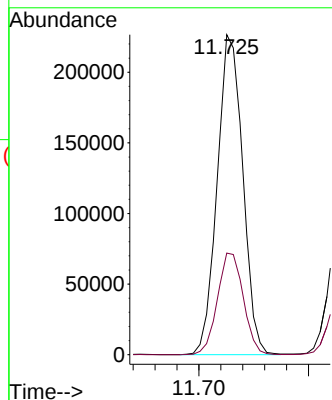
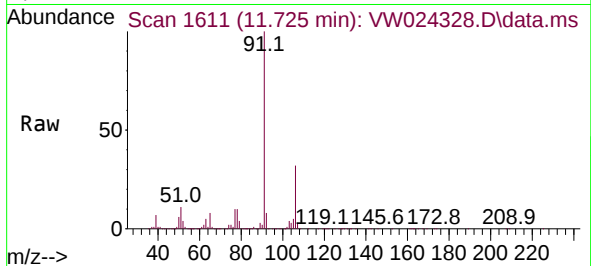




#52
Ethylbenzene
Concen: 26.725 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

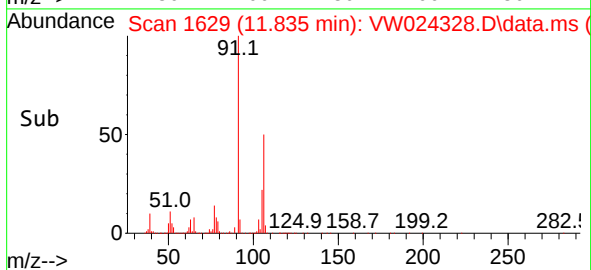
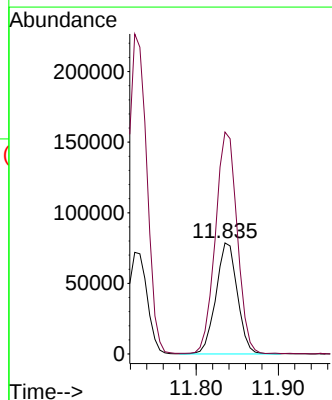
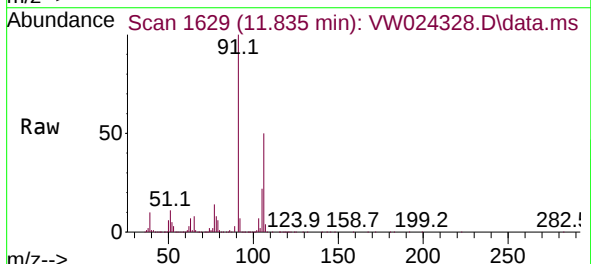
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

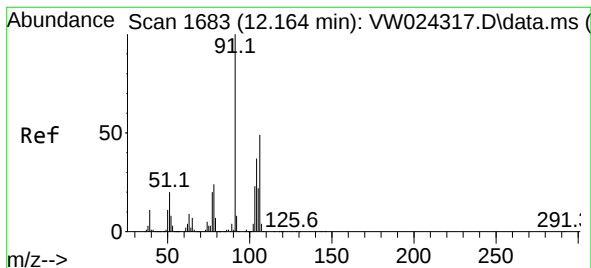
Tgt Ion: 91 Resp: 367500
Ion Ratio Lower Upper
91 100
106 31.7 21.9 40.7



#53
m,p-Xylene
Concen: 26.595 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 106 Resp: 142357
Ion Ratio Lower Upper
106 100
91 199.7 144.1 267.7





#54

o-Xylene

Concen: 27.478 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

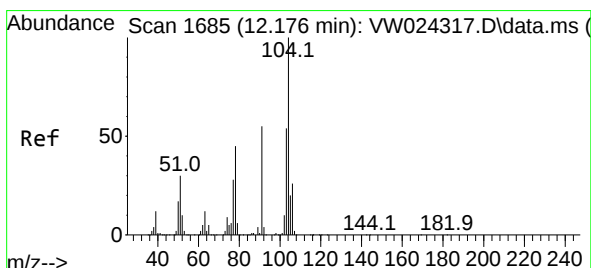
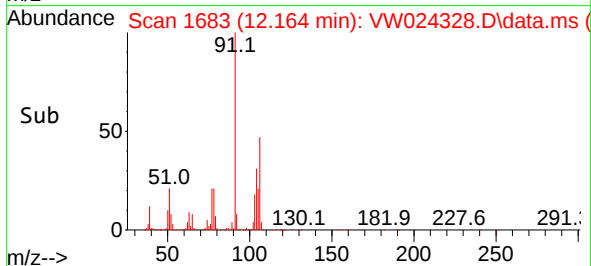
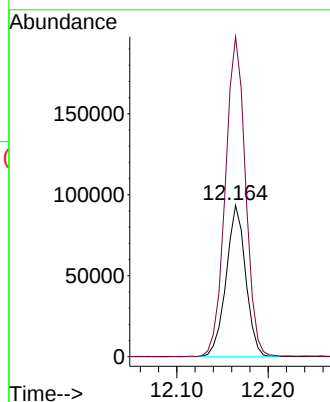
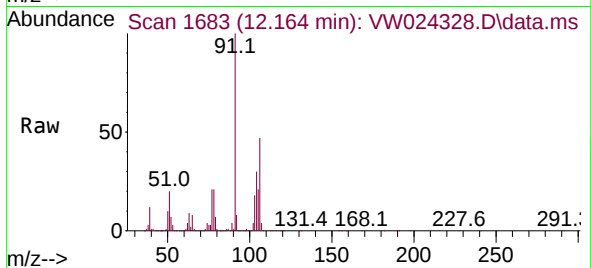
EY163MS

Tgt Ion:106 Resp: 138956

Ion Ratio Lower Upper

106 100

91 211.3 150.9 280.3



#55

Styrene

Concen: 25.335 ug/L

RT: 12.177 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024328.D

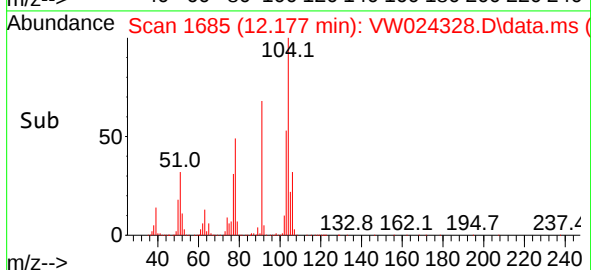
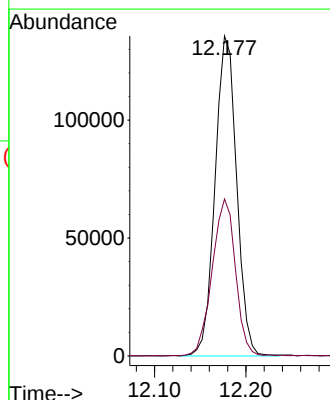
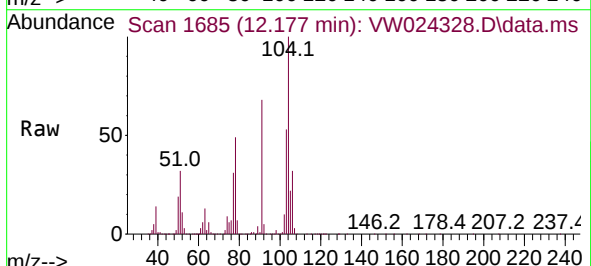
Acq: 24 Aug 2022 17:50

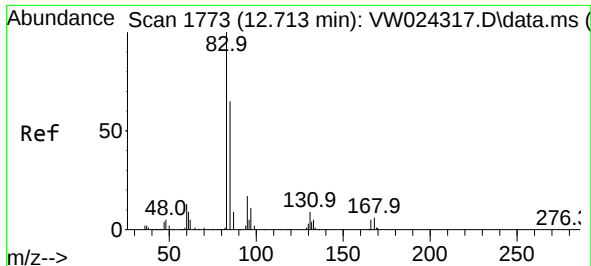
Tgt Ion:104 Resp: 222828

Ion Ratio Lower Upper

104 100

78 49.0 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 33.026 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

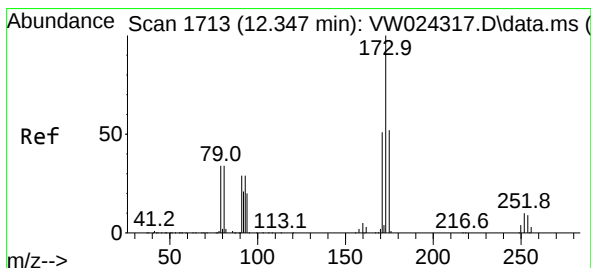
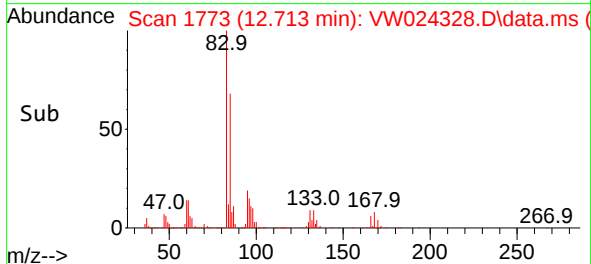
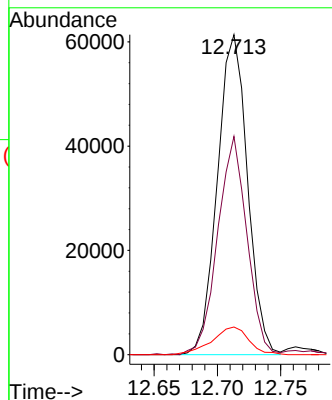
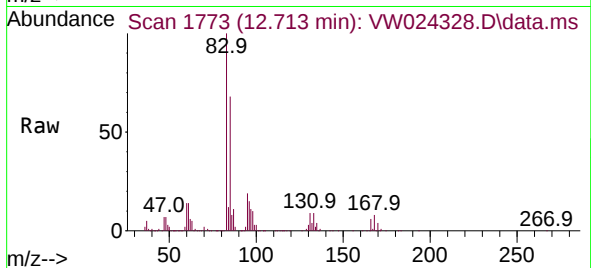
Tgt Ion: 83 Resp: 101572

Ion Ratio Lower Upper

83 100

85 68.2 44.1 81.9

131 8.7 8.3 12.5



#59

Bromoform

Concen: 35.084 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

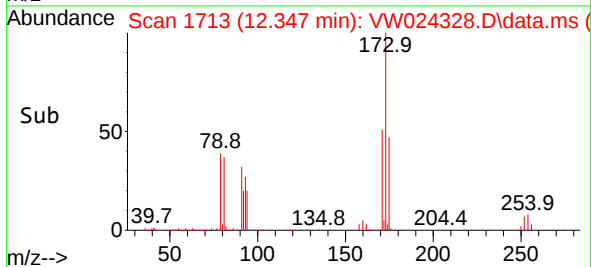
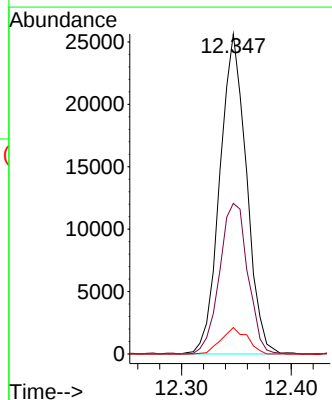
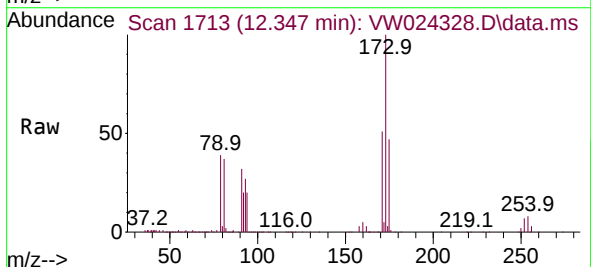
Tgt Ion: 173 Resp: 43152

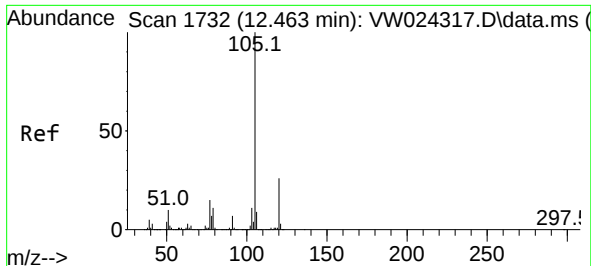
Ion Ratio Lower Upper

173 100

175 50.0 39.0 58.6

254 8.1 6.8 10.2

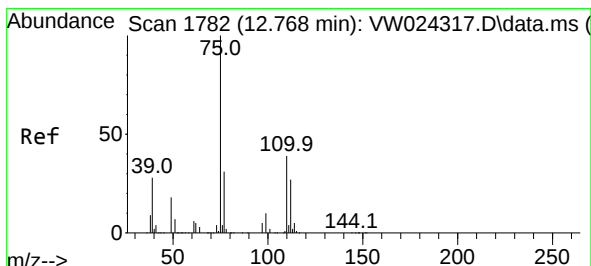
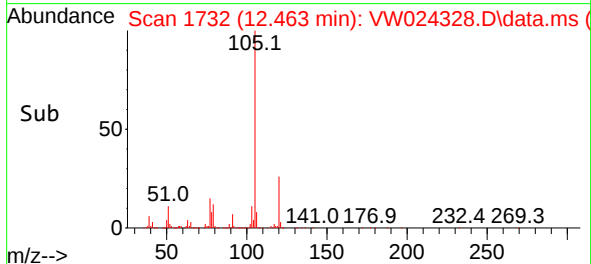
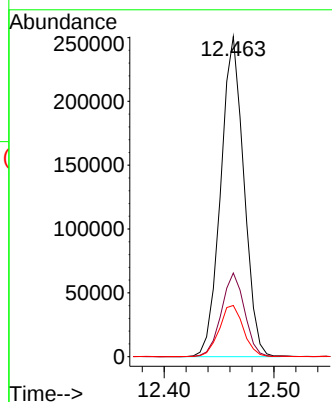
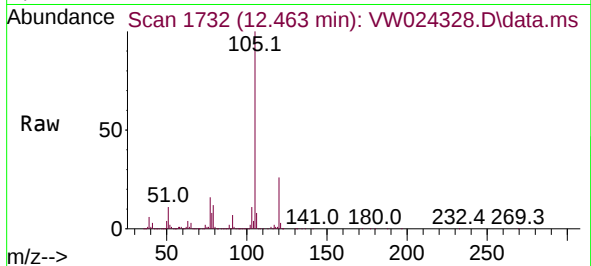




#60
Isopropylbenzene
Concen: 37.741 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

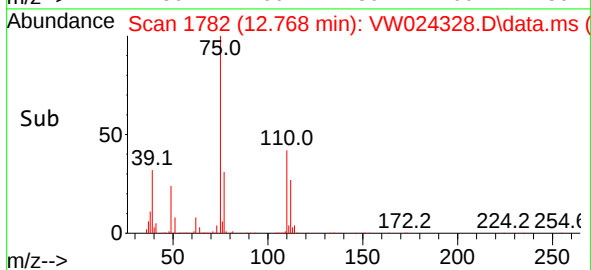
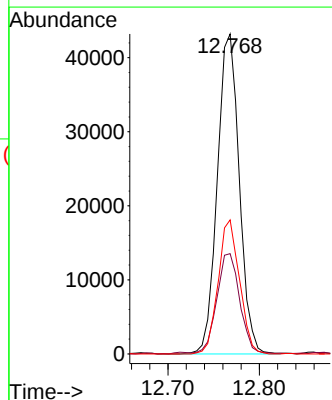
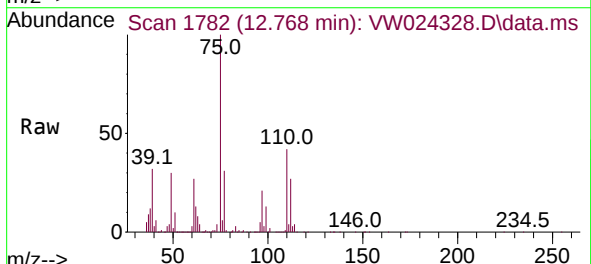
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

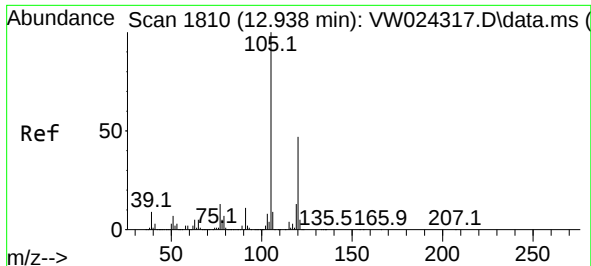
Tgt Ion:105 Resp: 368409
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.2
77 16.7 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 44.970 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 75 Resp: 72165
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
110 40.8 33.6 50.4

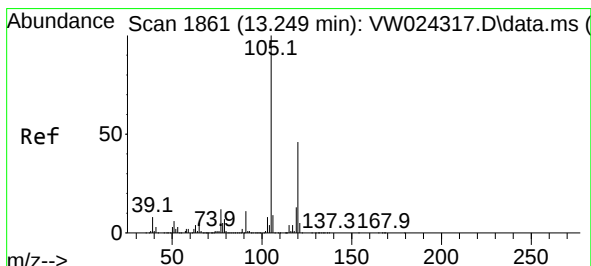
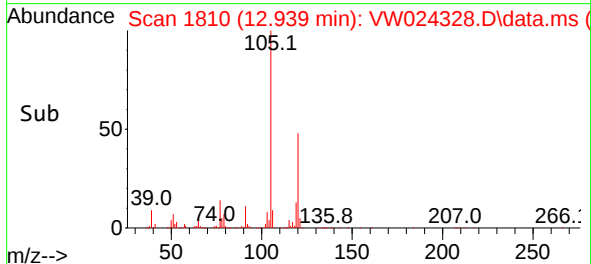
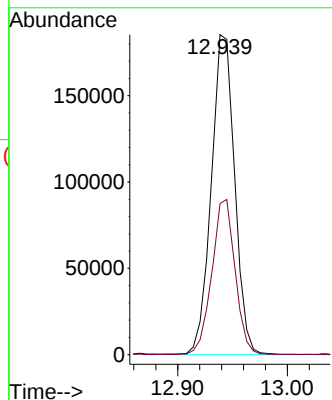
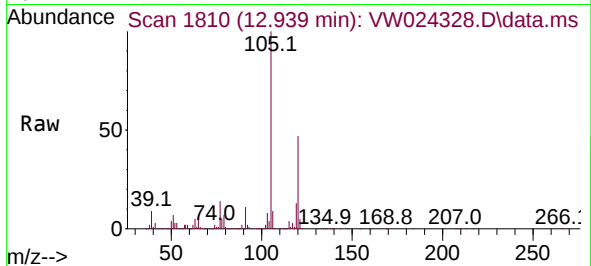




#62
1,3,5-Trimethylbenzene
Concen: 34.117 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

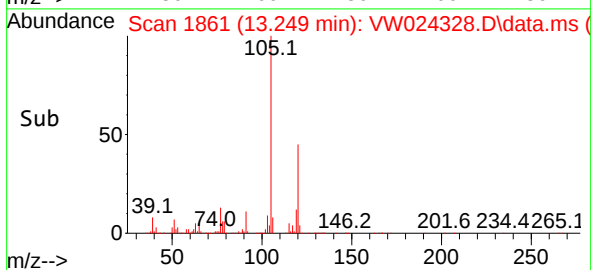
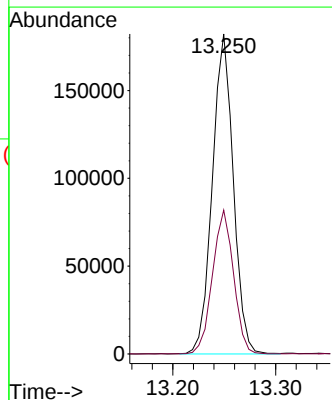
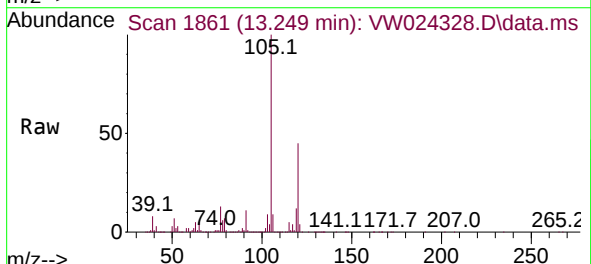
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

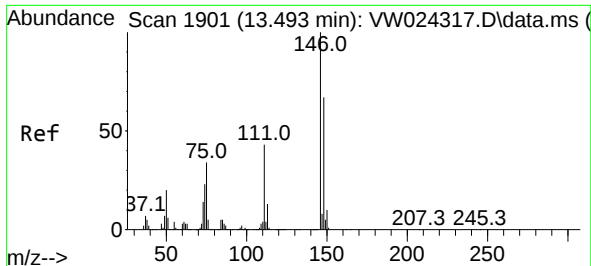
Tgt Ion:105 Resp: 275210
Ion Ratio Lower Upper
105 100
120 48.3 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 32.413 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion:105 Resp: 257499
Ion Ratio Lower Upper
105 100
120 45.1 36.4 54.6

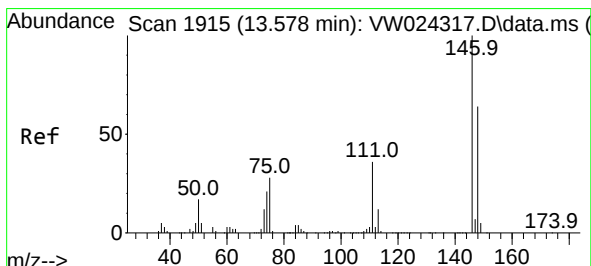
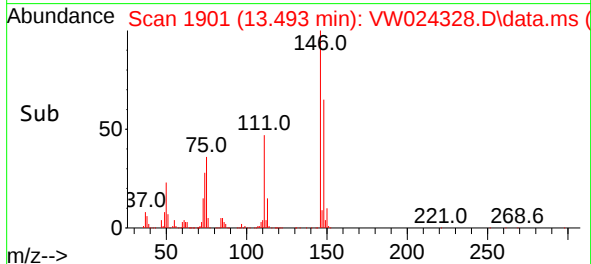
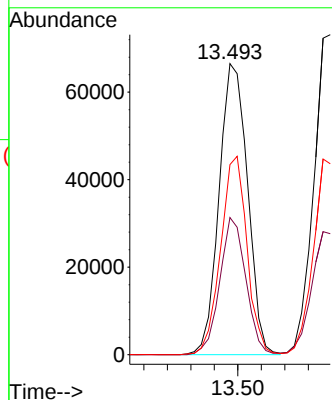
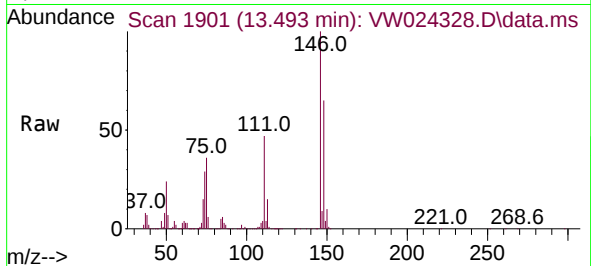




#64
1,3-Dichlorobenzene
Concen: 23.431 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

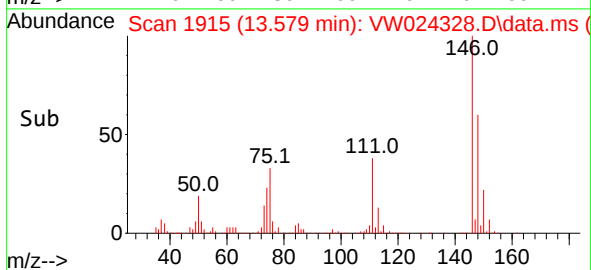
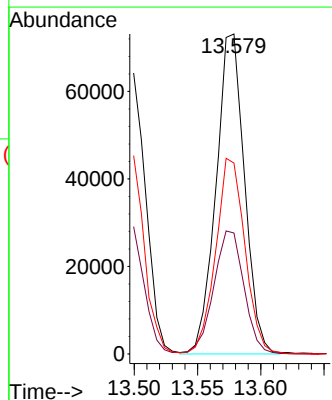
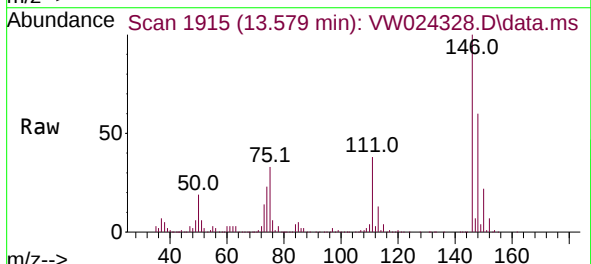
Instrument :
MSVOA_W
ClientSampleId :
EY163MS

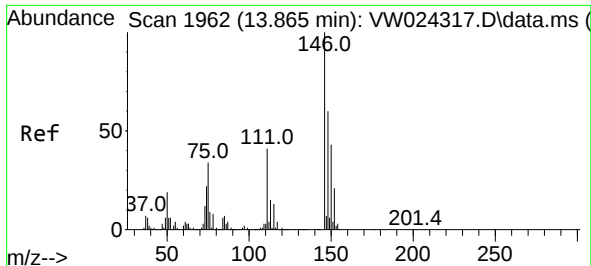
Tgt Ion:146 Resp: 111998
Ion Ratio Lower Upper
146 100
111 47.1 28.0 52.0
148 65.3 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 22.649 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion:146 Resp: 114638
Ion Ratio Lower Upper
146 100
111 37.8 27.6 51.4
148 59.7 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 24.198 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

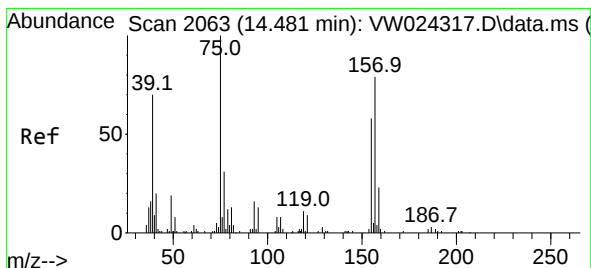
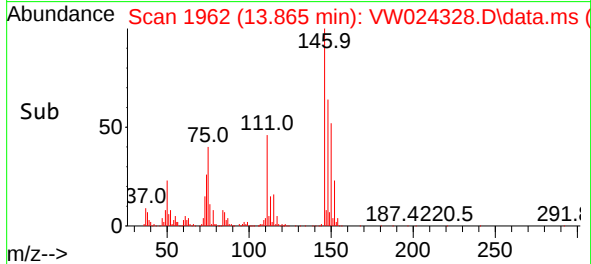
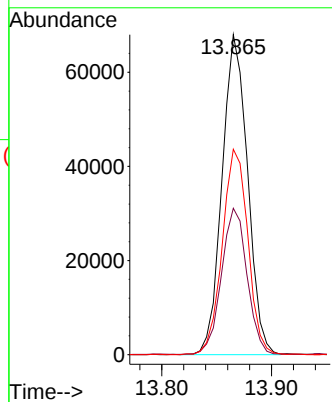
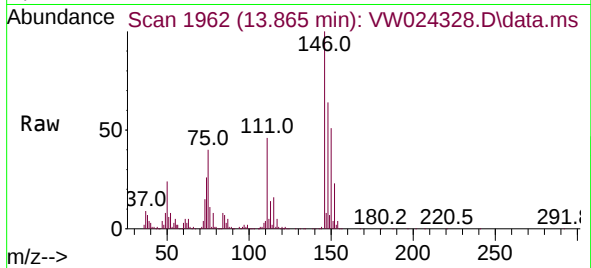
Tgt Ion:146 Resp: 109838

Ion Ratio Lower Upper

146 100

111 45.7 29.0 43.6#

148 64.2 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 38.829 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

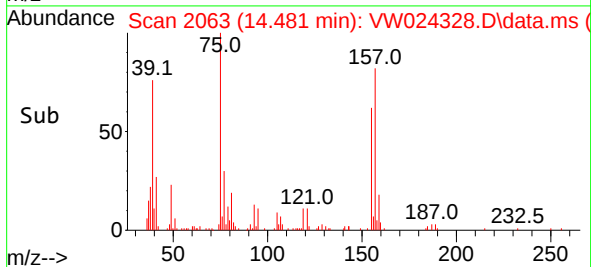
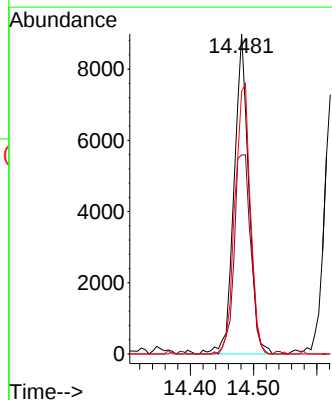
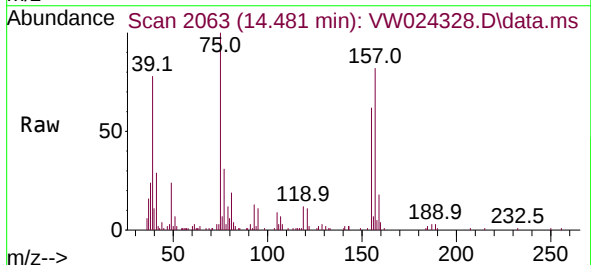
Tgt Ion: 75 Resp: 14558

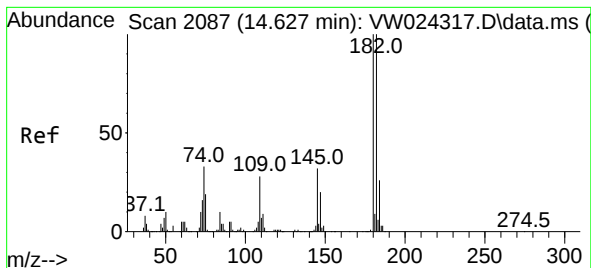
Ion Ratio Lower Upper

75 100

155 62.2 68.8 103.2#

157 82.0 91.5 137.3#





#69

1,3,5-Trichlorobenzene

Concen: 15.262 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

Tgt Ion:180 Resp: 47836

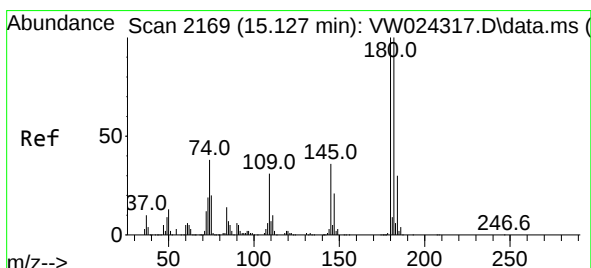
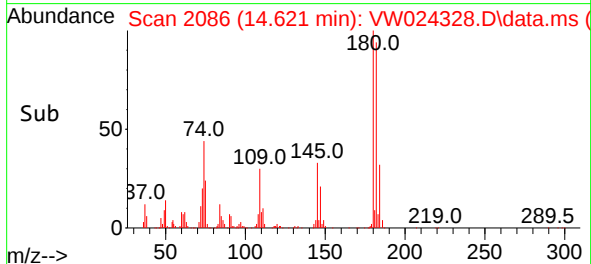
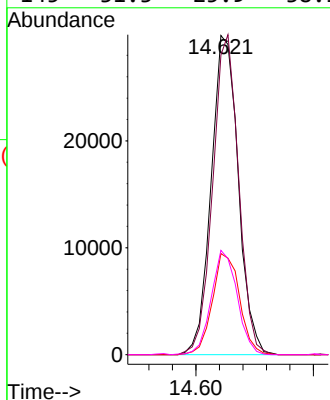
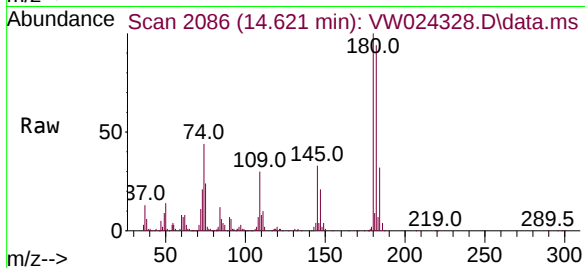
Ion Ratio Lower Upper

180 100

182 95.4 78.4 117.6

184 31.8 24.7 37.1

145 31.3 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 10.864 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

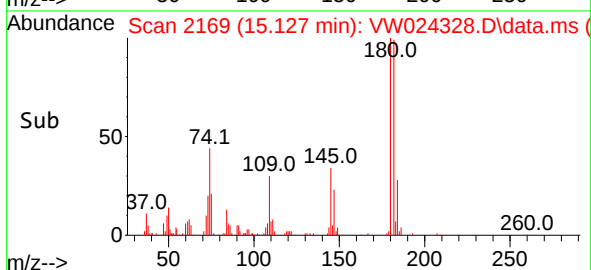
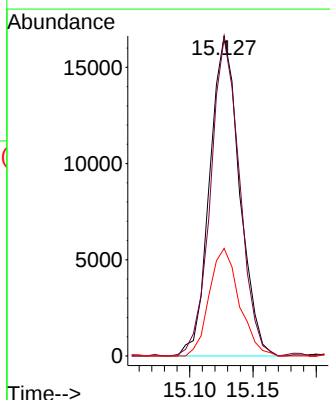
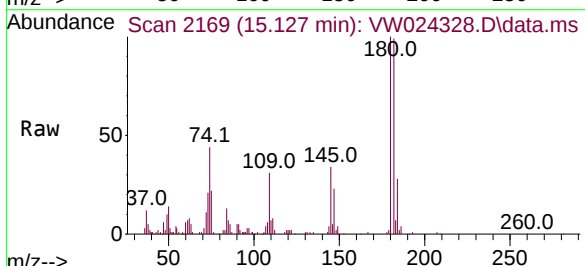
Tgt Ion:180 Resp: 27270

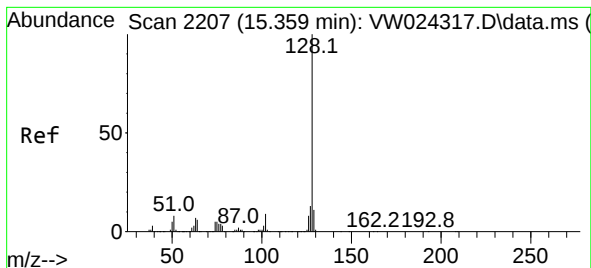
Ion Ratio Lower Upper

180 100

182 96.7 75.0 112.4

145 33.8 25.1 37.7





#71

Naphthalene

Concen: 13.950 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

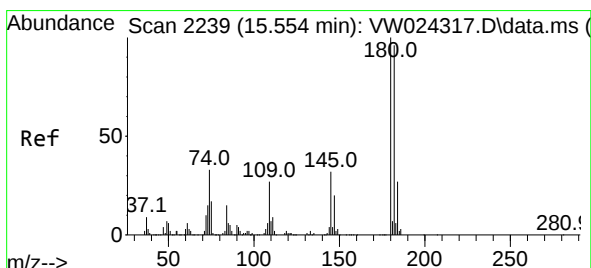
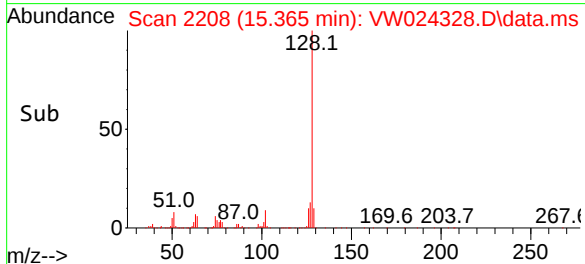
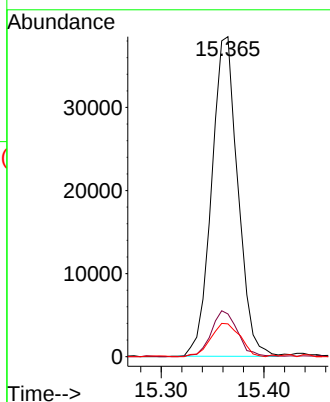
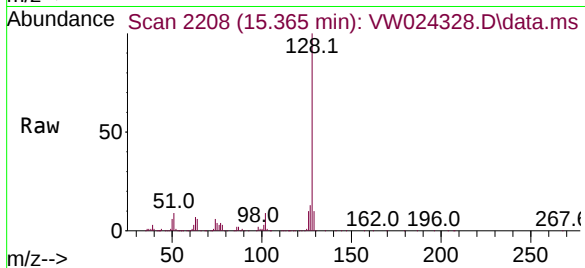
Tgt Ion:128 Resp: 68205

Ion Ratio Lower Upper

128 100

127 14.5 10.7 16.1

129 11.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 10.837 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Tgt Ion:180 Resp: 24766

Ion Ratio Lower Upper

180 100

182 97.9 75.4 113.2

145 38.8 26.9 40.3

