

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110822\
 Data File : VW025024.D
 Acq On : 08 Nov 2022 14:03
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 00:56:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 09 00:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	249439	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	231626	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	123064	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	47440	16.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.760%
7) Chloroethane-d5	2.885	69	31231	19.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.160%
11) 1,1-Dichloroethene-d2	4.019	63	137495	19.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.840%
21) 2-Butanone-d5	7.080	46	45016	47.640	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.280%
24) Chloroform-d	7.653	84	188759	24.935	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.760%
26) 1,2-Dichloroethane-d4	8.305	65	107561	25.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.520%
32) Benzene-d6	8.274	84	344287	23.190	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.760%
36) 1,2-Dichloropropane-d6	9.274	67	99405	22.851	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.400%
41) Toluene-d8	10.323	98	319325	23.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	10.579	79	45502	23.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.360%
47) 2-Hexanone-d5	10.920	63	38018	50.593	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	87080	25.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	114116	24.130	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	21146	25.417	ug/L	94
3) Chloromethane	2.215	50	35289	17.635	ug/L	94
5) Vinyl chloride	2.361	62	52474	18.978	ug/L	93
6) Bromomethane	2.775	94	27904	20.223	ug/L	96
8) Chloroethane	2.922	64	22382	19.406	ug/L	97
9) Trichlorofluoromethane	3.257	101	38053	16.406	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	74931	22.813	ug/L #	69
12) 1,1-Dichloroethene	4.037	96	67438	21.795	ug/L	95
13) Acetone	4.117	43	25740	38.345	ug/L	97
14) Carbon disulfide	4.385	76	186694	20.655	ug/L	97
15) Methyl Acetate	4.678	43	29567	22.123	ug/L #	83
16) Methylene chloride	4.921	84	84161	19.003	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	75244	22.710	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	130362	23.456	ug/L	98
19) 1,1-Dichloroethane	6.214	63	142245	23.189	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	86063	23.832	ug/L	95
22) 2-Butanone	7.171	43	42514	42.271	ug/L	99
23) Bromochloromethane	7.512	128	38695	24.717	ug/L	90
25) Chloroform	7.677	83	160515	24.794	ug/L	95

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

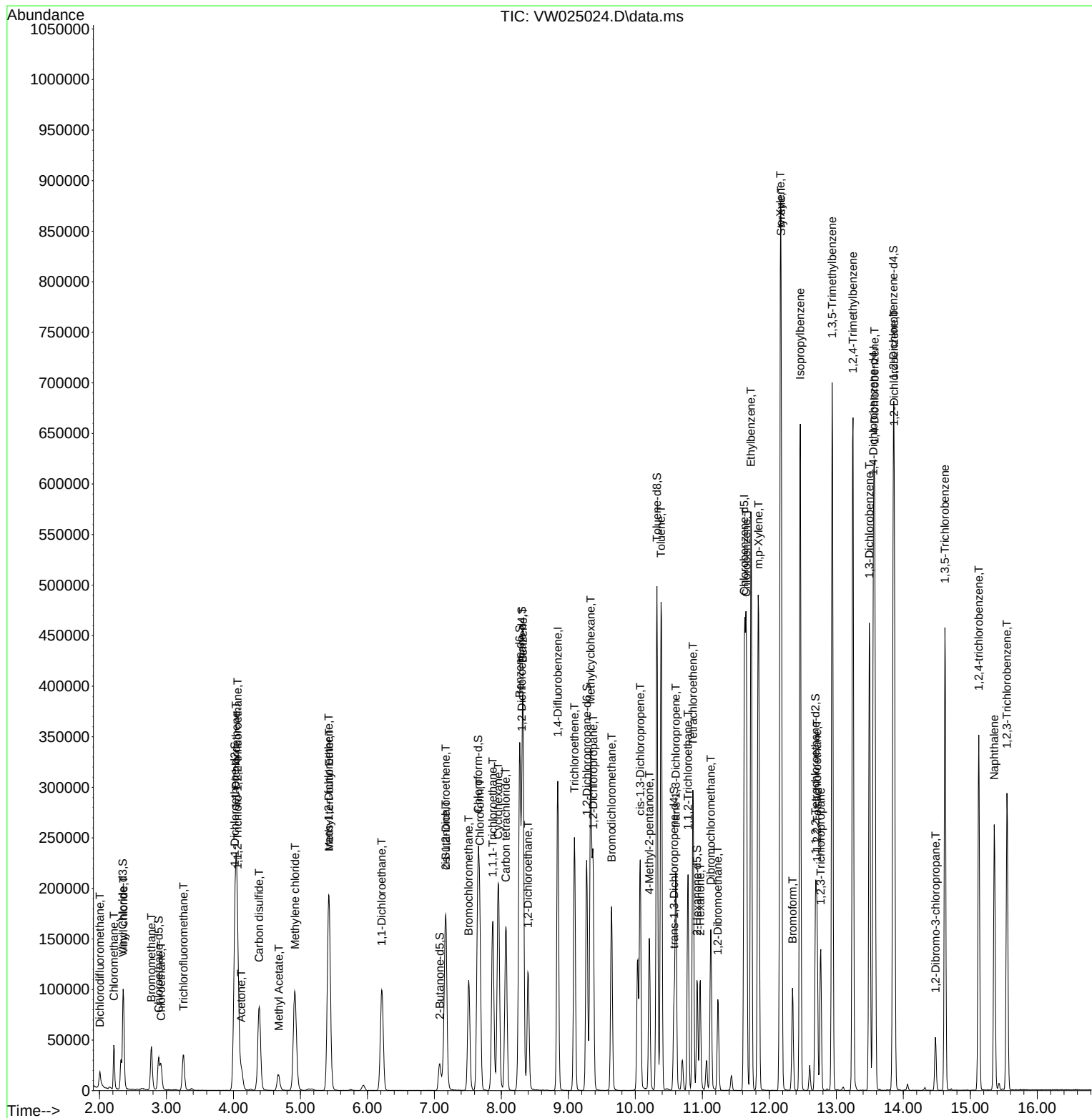
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	113074	25.750	ug/L	99
29) Cyclohexane	7.951	56	115159	21.056	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	137307	24.224	ug/L	98
31) Carbon tetrachloride	8.067	117	124627	24.605	ug/L	98
33) Benzene	8.323	78	321234	23.030	ug/L	100
34) Trichloroethene	9.091	95	85574	23.176	ug/L	98
35) Methylcyclohexane	9.335	83	136204	21.709	ug/L	99
37) 1,2-Dichloropropane	9.372	63	77389	22.859	ug/L	97
38) Bromodichloromethane	9.646	83	120627	25.530	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	130960	24.470	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	92718	46.671	ug/L	100
42) Toluene	10.384	91	349451	23.598	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	117160	24.624	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	62512	24.456	ug/L	96
46) Tetrachloroethene	10.859	164	63901	24.199	ug/L	94
48) 2-Hexanone	10.969	43	64634	47.043	ug/L	99
49) Dibromochloromethane	11.128	129	80173	25.731	ug/L	98
50) 1,2-Dibromoethane	11.231	107	60118	24.868	ug/L	96
51) Chlorobenzene	11.658	112	228210	23.775	ug/L	96
52) Ethylbenzene	11.725	91	405357	23.714	ug/L	96
53) m,p-Xylene	11.841	106	156297	23.622	ug/L	99
54) o-Xylene	12.164	106	149670	23.977	ug/L	86
55) Styrene	12.176	104	261250	24.096	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	74180	24.191	ug/L	99
59) Bromoform	12.347	173	42119	24.198	ug/L #	98
60) Isopropylbenzene	12.463	105	411960	22.266	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	56099	22.690	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	373243	23.239	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	368546	23.401	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	182520	23.653	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	181999	23.637	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	168655	24.308	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	14236	24.916	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	121803	23.831	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	100545	25.310	ug/L	98
71) Naphthalene	15.359	128	218041	26.018	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	90827	26.240	ug/L	99

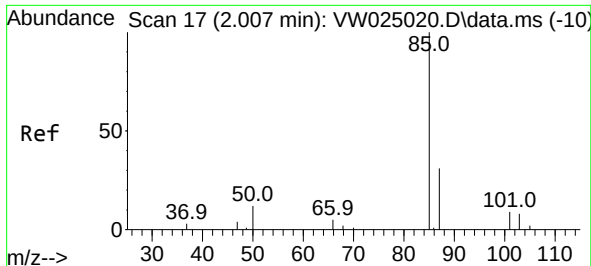
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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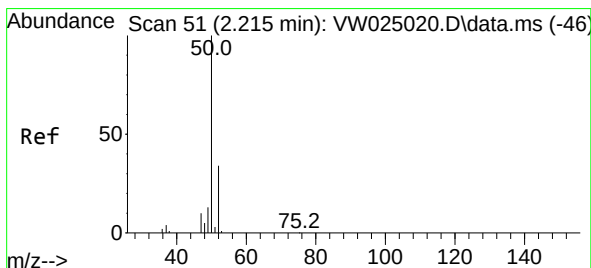
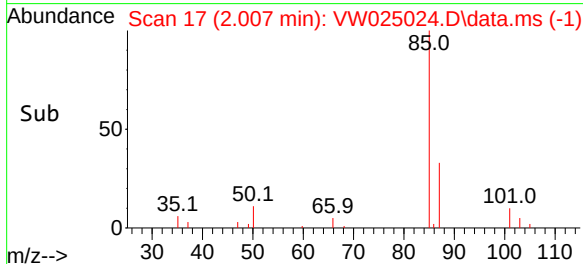
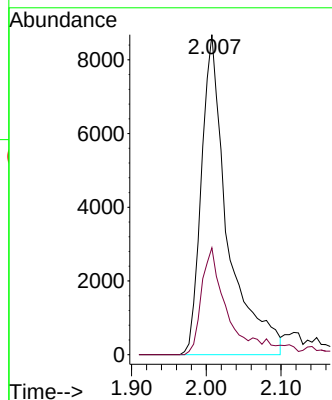
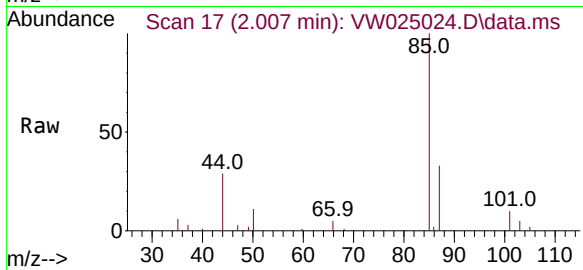




#2
 Dichlorodifluoromethane
 Concen: 25.417 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW025024.D
 Acq: 08 Nov 2022 14:03

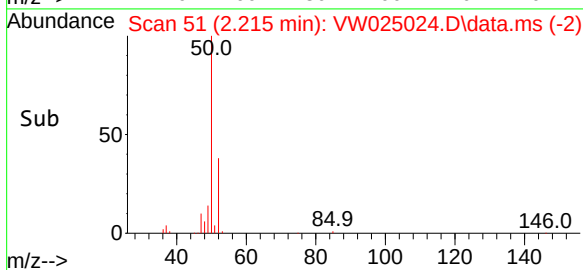
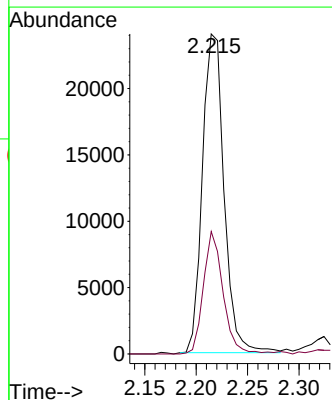
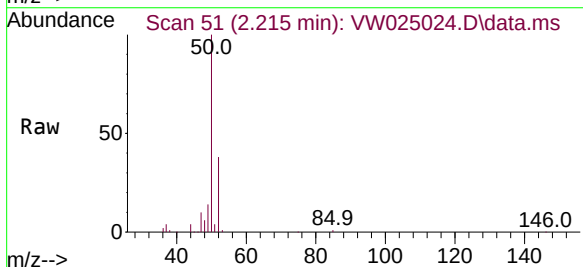
Instrument :
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 ClientSampleId :

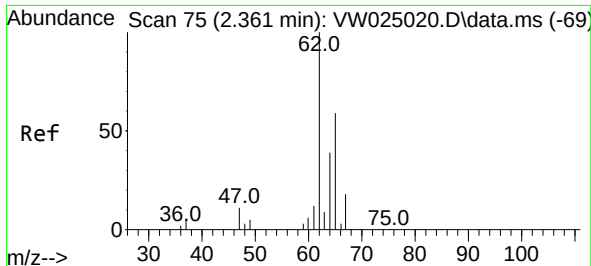
Tgt Ion: 85 Resp: 21146
 Ion Ratio Lower Upper
 85 100
 87 29.2 25.9 38.9



#3
 Chloromethane
 Concen: 17.635 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW025024.D
 Acq: 08 Nov 2022 14:03

Tgt Ion: 50 Resp: 35289
 Ion Ratio Lower Upper
 50 100
 52 38.2 24.1 44.8

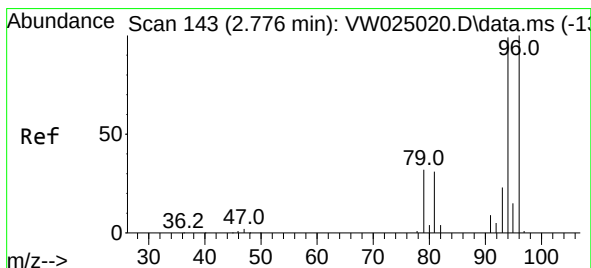
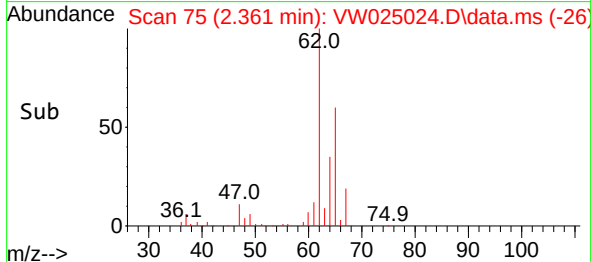
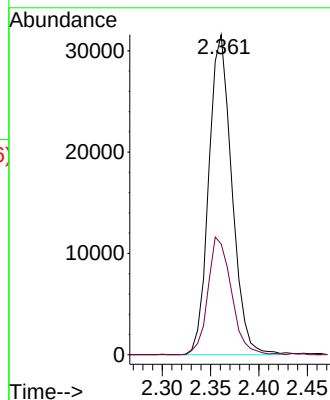
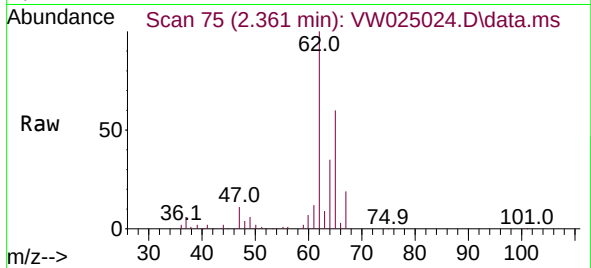




#5
 Vinyl chloride
 Concen: 18.978 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW025024.D
 Acq: 08 Nov 2022 14:03

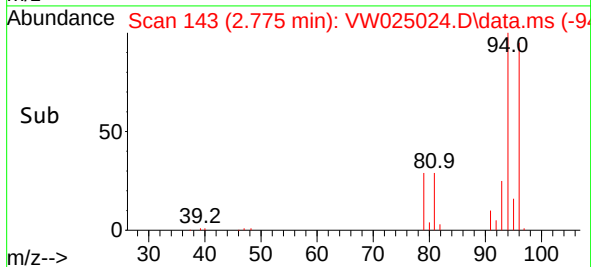
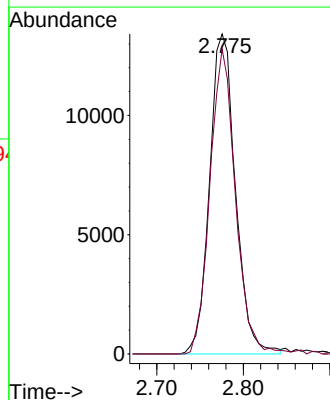
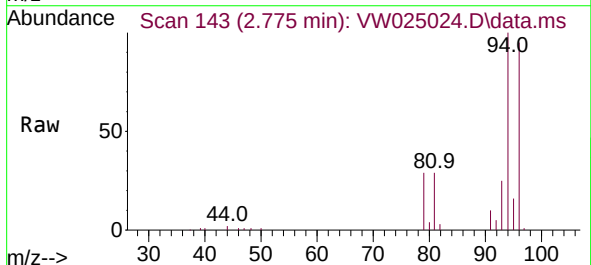
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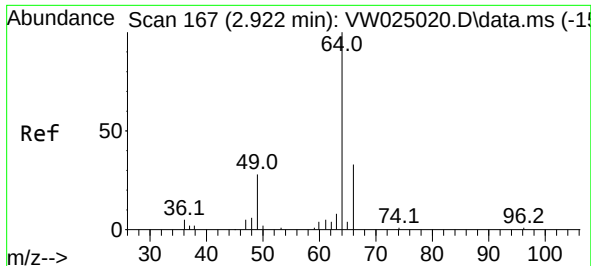
Tgt Ion: 62 Resp: 52474
 Ion Ratio Lower Upper
 62 100
 64 34.6 27.2 50.6



#6
 Bromomethane
 Concen: 20.223 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW025024.D
 Acq: 08 Nov 2022 14:03

Tgt Ion: 94 Resp: 27904
 Ion Ratio Lower Upper
 94 100
 96 95.3 63.8 118.6

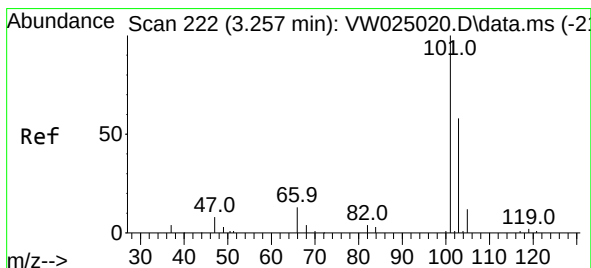
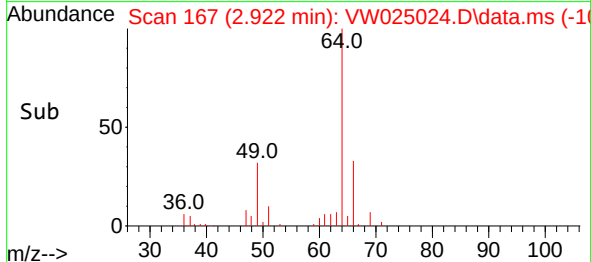
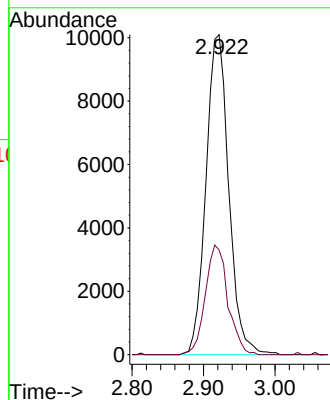
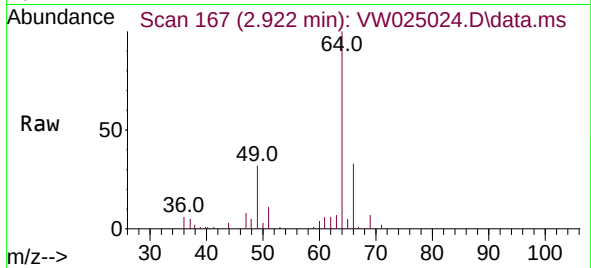




#8
Chloroethane
Concen: 19.406 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

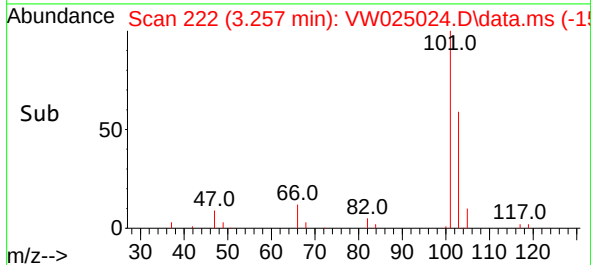
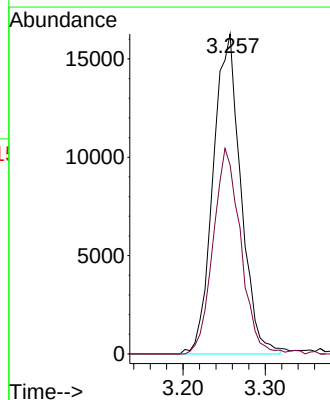
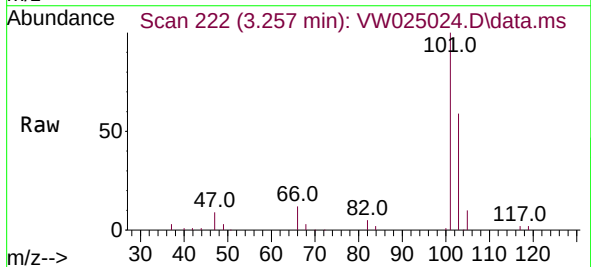
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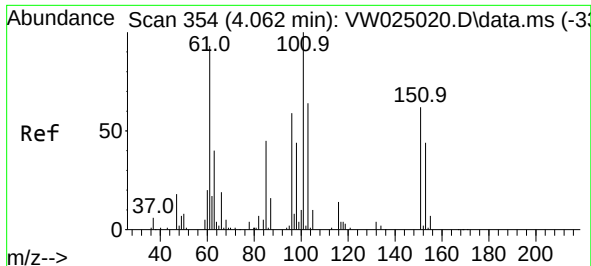
Tgt Ion: 64 Resp: 22382
Ion Ratio Lower Upper
64 100
66 32.8 21.6 40.2



#9
Trichlorofluoromethane
Concen: 16.406 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Tgt Ion:101 Resp: 38053
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0

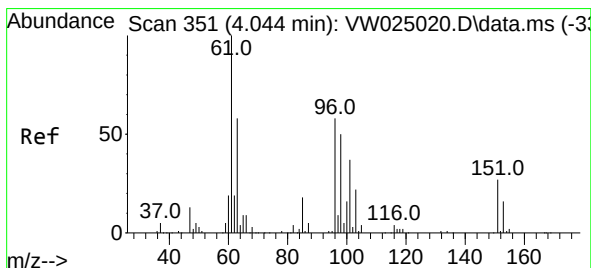
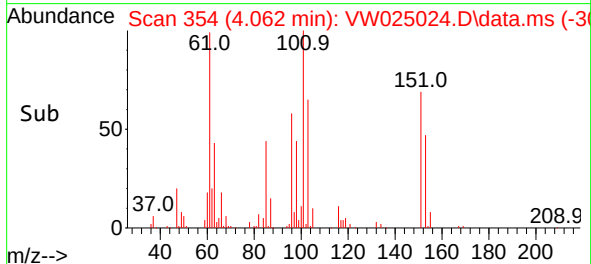
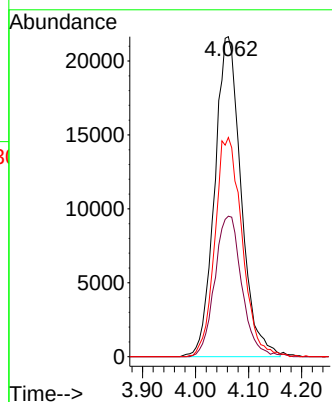
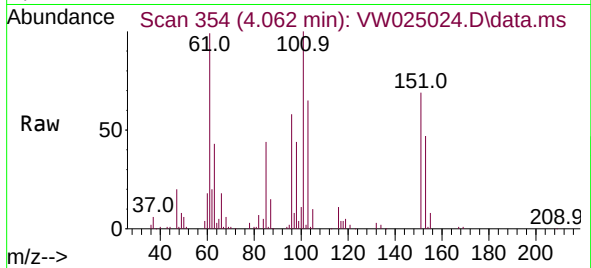




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.813 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW025024.D
 Acq: 08 Nov 2022 14:03

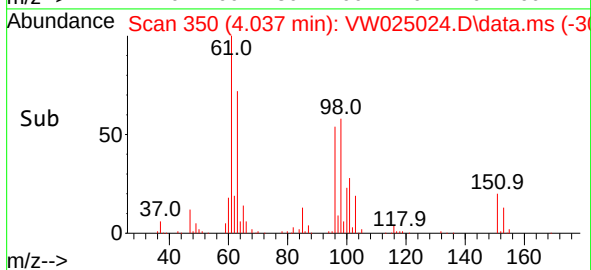
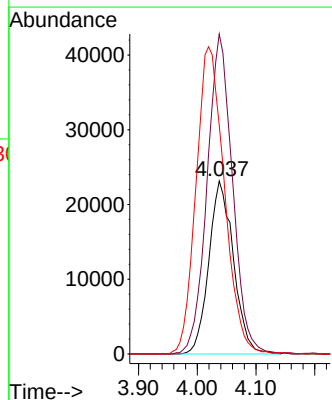
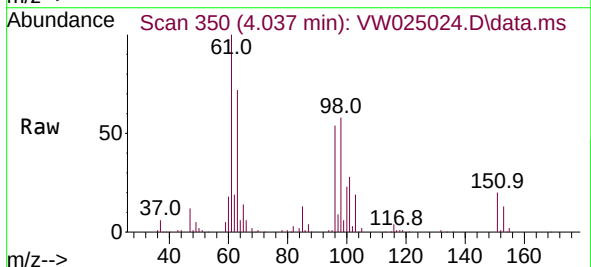
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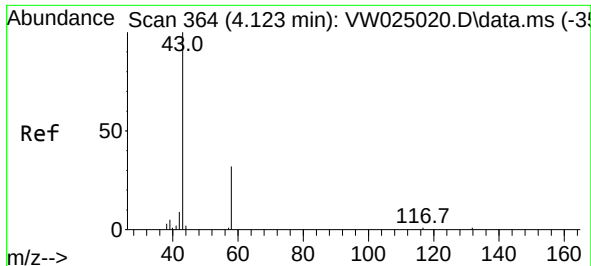
Tgt Ion:101 Resp: 74931
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.5 54.7
 151 30.7 57.3 85.9#



#12
 1,1-Dichloroethene
 Concen: 21.795 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025024.D
 Acq: 08 Nov 2022 14:03

Tgt Ion: 96 Resp: 67438
 Ion Ratio Lower Upper
 96 100
 61 185.1 126.2 234.4
 63 132.3 98.3 182.7

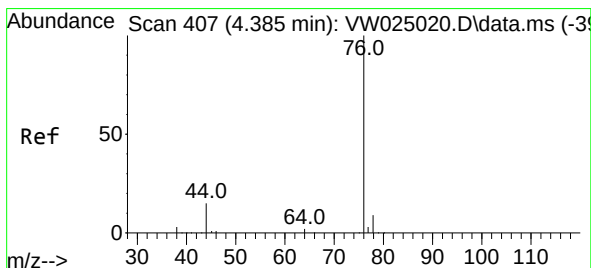
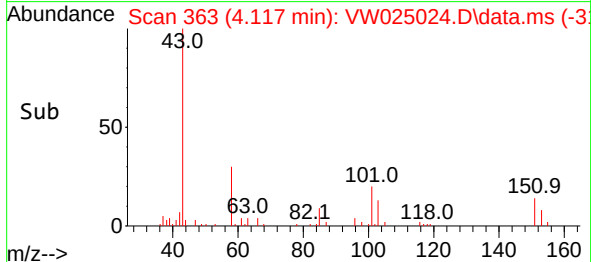
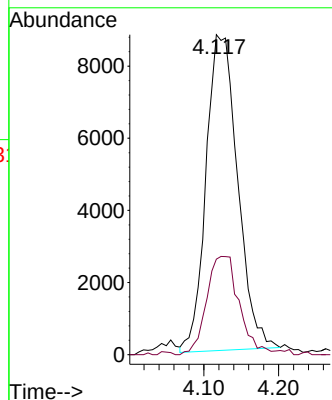
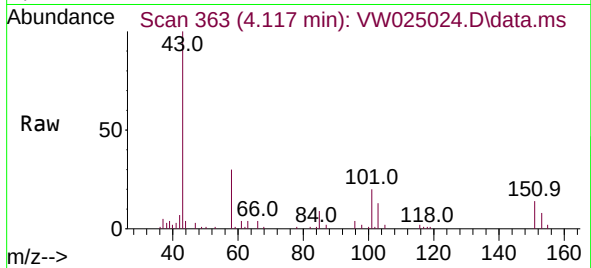




#13
Acetone
Concen: 38.345 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

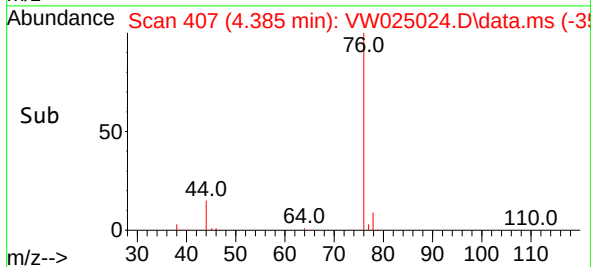
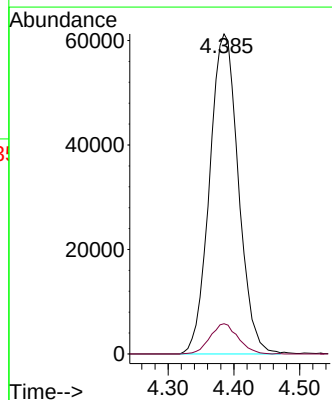
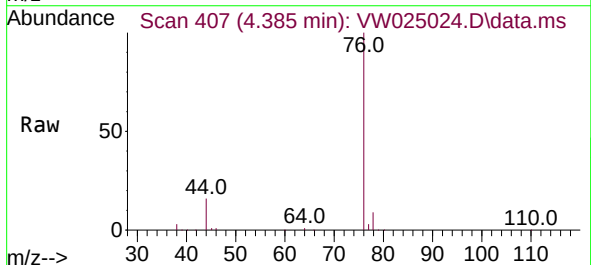
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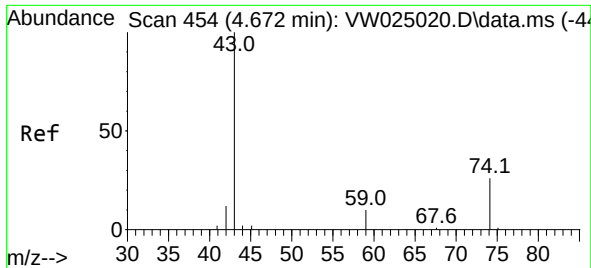
Tgt Ion: 43 Resp: 25740
Ion Ratio Lower Upper
43 100
58 31.3 0.0 65.4



#14
Carbon disulfide
Concen: 20.655 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 186694
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

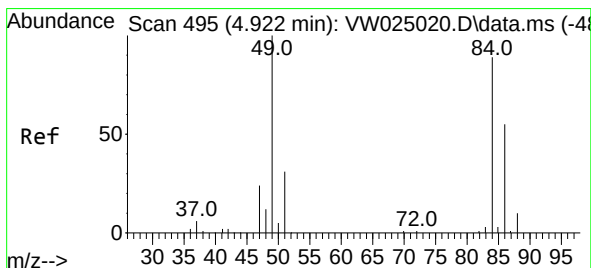
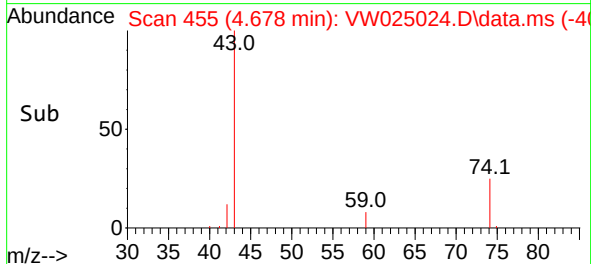
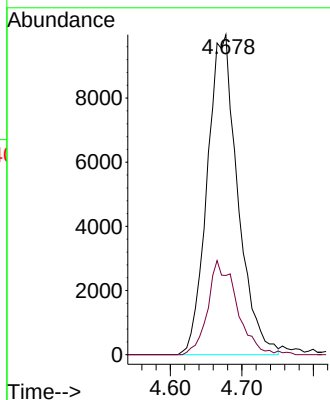
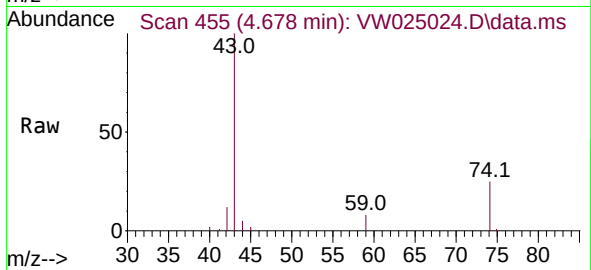




#15
Methyl Acetate
Concen: 22.123 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

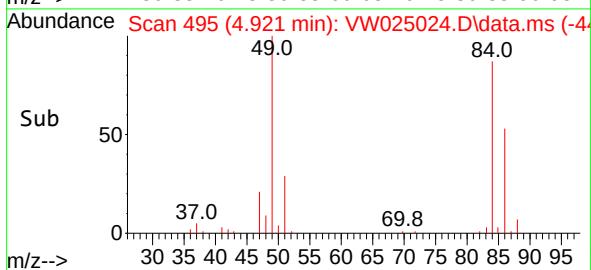
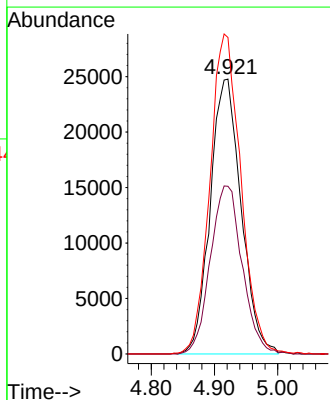
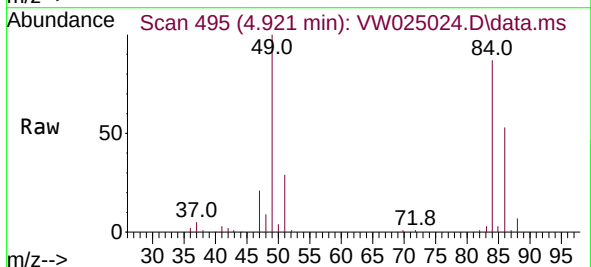
Instrument :
MSVOA_W
ClientSampleId :

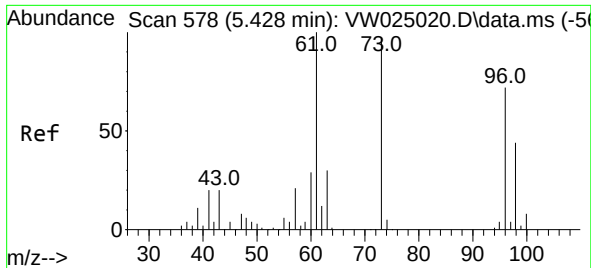
Tgt Ion: 43 Resp: 29567
Ion Ratio Lower Upper
43 100
74 17.2 20.6 30.8#



#16
Methylene chloride
Concen: 19.003 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Tgt Ion: 84 Resp: 84161
Ion Ratio Lower Upper
84 100
86 61.0 42.6 79.0
49 115.2 81.9 152.1

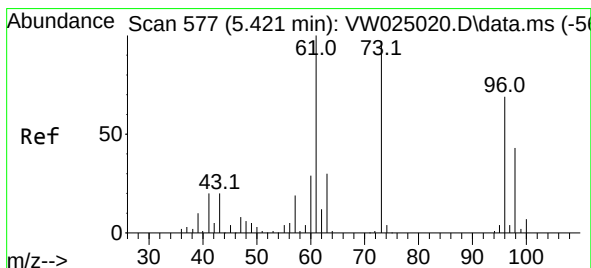
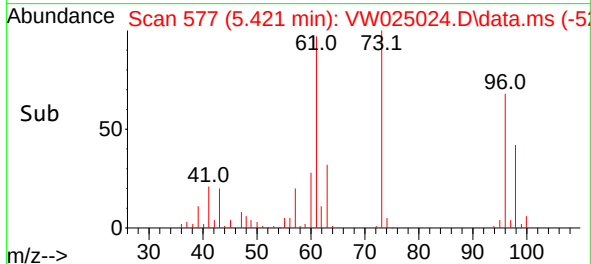
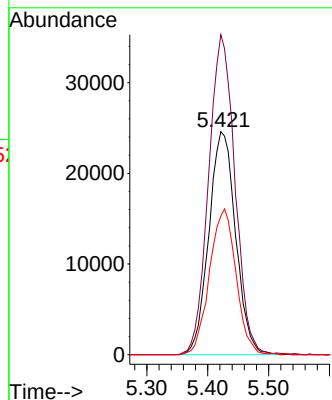
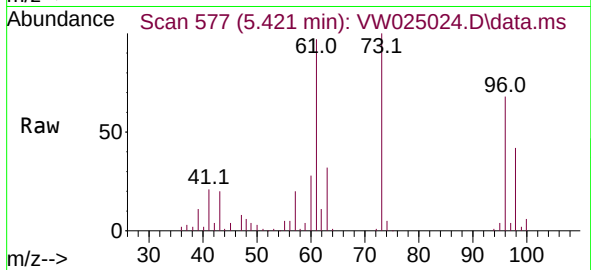




#17
trans-1,2-Dichloroethene
Concen: 22.710 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

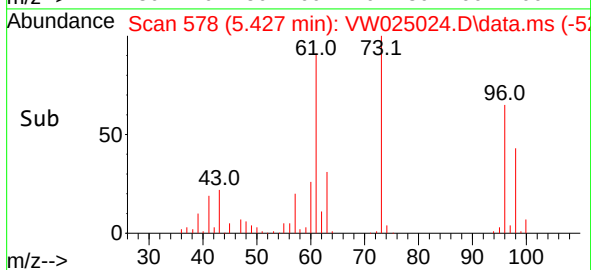
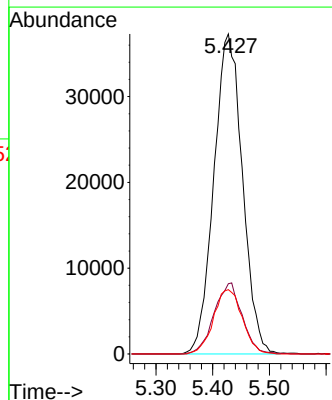
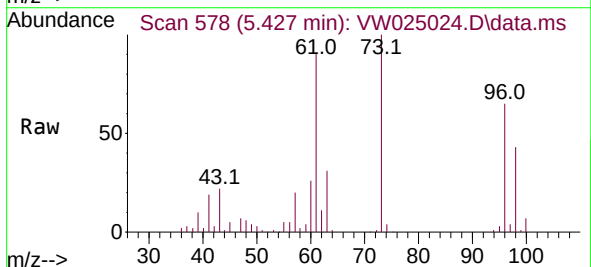
Instrument :
MSVOA_W
ClientSampleId :

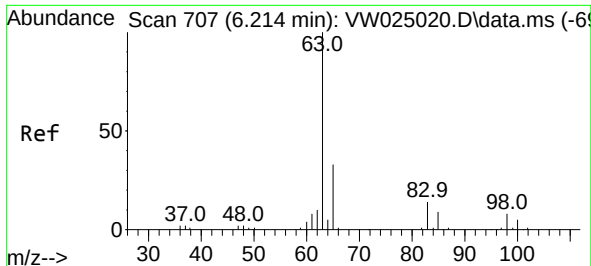
Tgt Ion: 96 Resp: 75244
Ion Ratio Lower Upper
96 100
61 143.5 97.6 181.2
98 62.1 46.8 86.8



#18
Methyl tert-butyl Ether
Concen: 23.456 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Tgt Ion: 73 Resp: 130362
Ion Ratio Lower Upper
73 100
43 21.7 16.6 24.8
57 20.3 17.1 25.7





#19

1,1-Dichloroethane

Concen: 23.189 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

Instrument :

MSVOA_W

ClientSampleId :

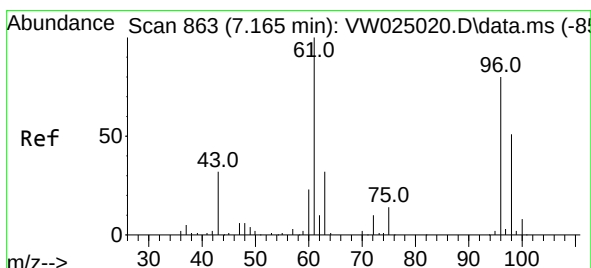
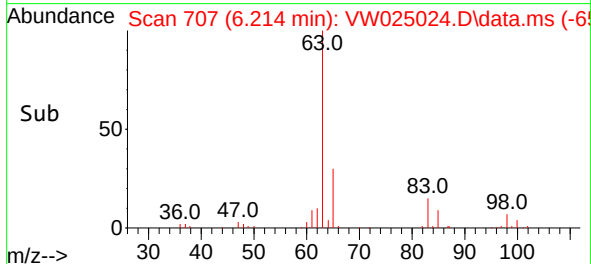
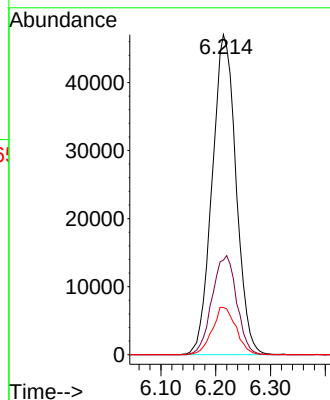
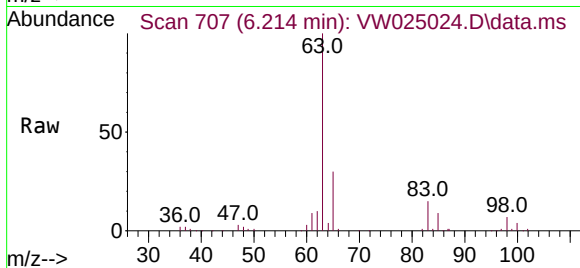
Tgt Ion: 63 Resp: 142245

Ion Ratio Lower Upper

63 100

65 29.6 22.2 41.2

83 14.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 23.832 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

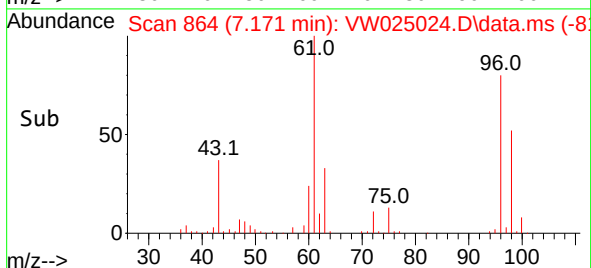
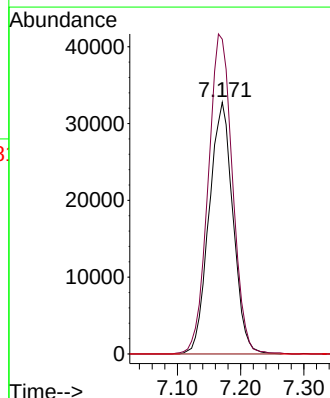
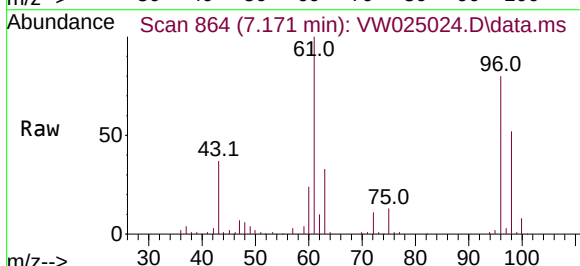
Tgt Ion: 96 Resp: 86063

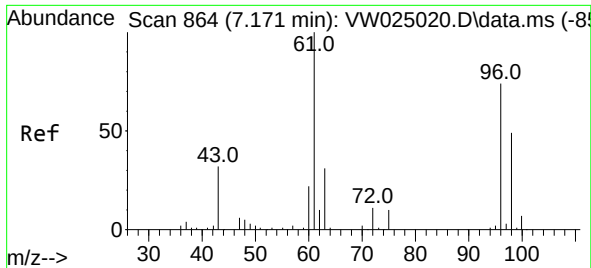
Ion Ratio Lower Upper

96 100

61 125.1 91.8 170.6

68 0.0 0.0 0.0

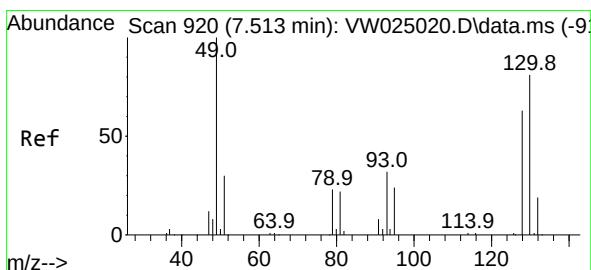
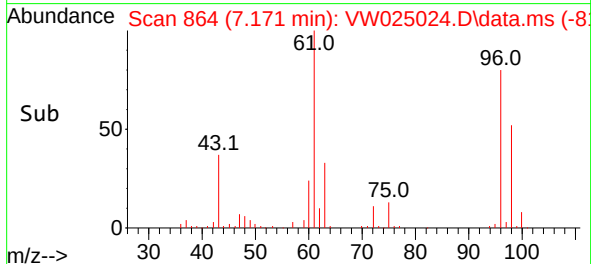
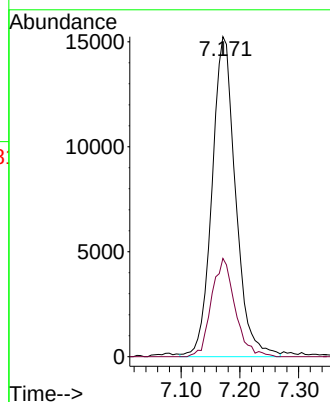
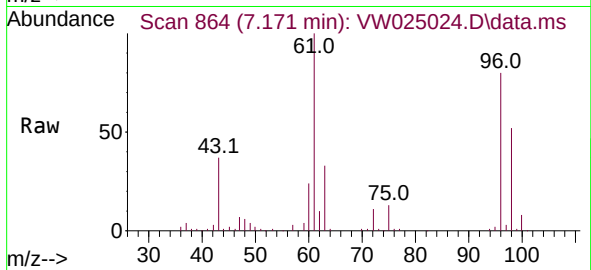




#22
2-Butanone
Concen: 42.271 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

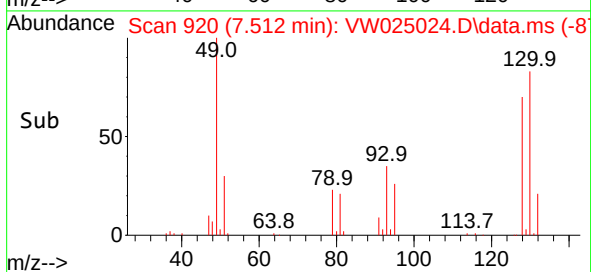
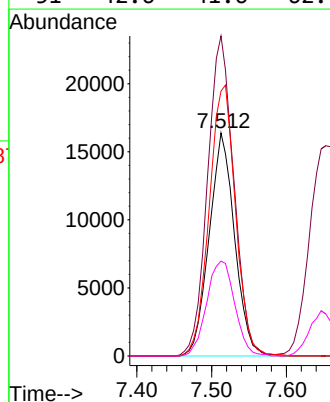
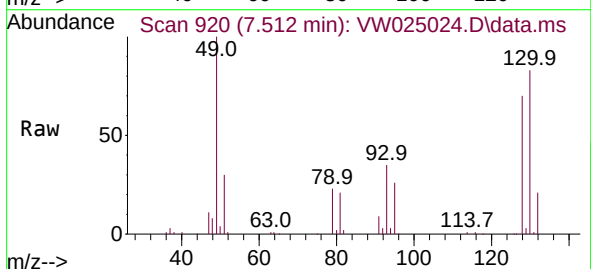
Instrument :
MSVOA_W
ClientSampleId :

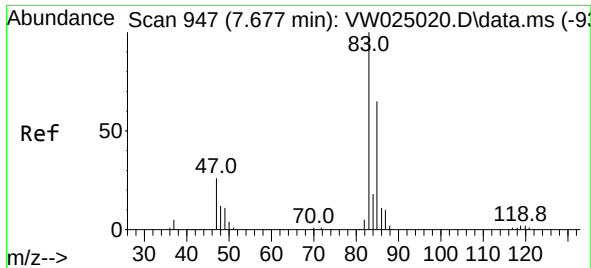
Tgt Ion: 43 Resp: 42514
Ion Ratio Lower Upper
43 100
72 30.1 14.6 44.0



#23
Bromochloromethane
Concen: 24.717 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Tgt Ion: 128 Resp: 38695
Ion Ratio Lower Upper
128 100
49 143.5 112.8 209.4
130 118.8 86.2 160.2
51 42.6 41.6 62.4

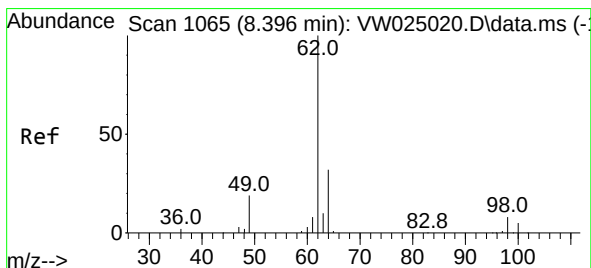
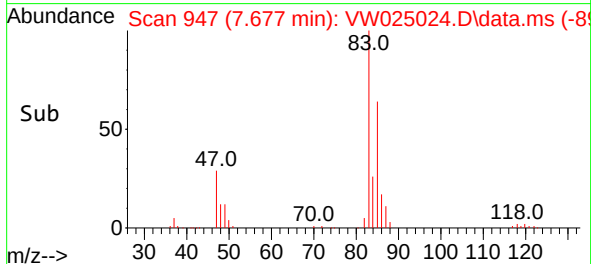
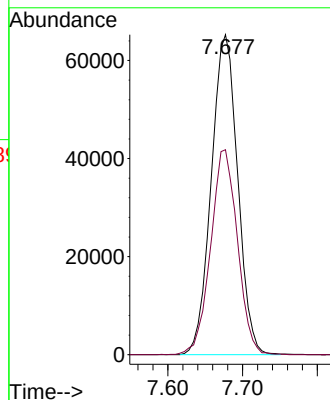
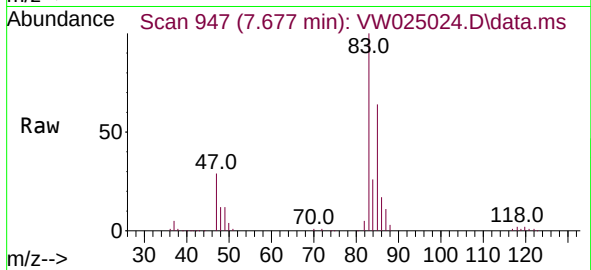




#25
Chloroform
Concen: 24.794 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

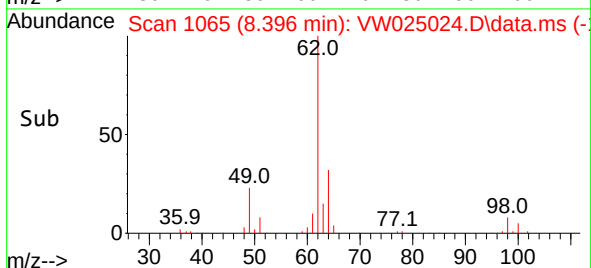
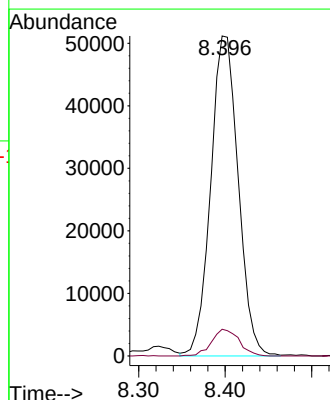
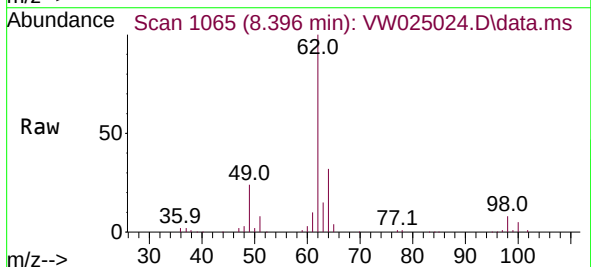
Instrument :
MSVOA_W
ClientSampleId :

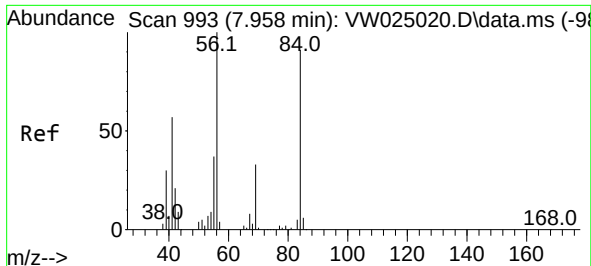
Tgt Ion: 83 Resp: 160515
Ion Ratio Lower Upper
83 100
85 64.1 47.5 88.3



#27
1,2-Dichloroethane
Concen: 25.750 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

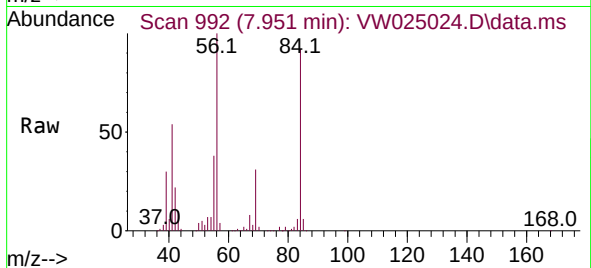
Tgt Ion: 62 Resp: 113074
Ion Ratio Lower Upper
62 100
98 8.4 7.0 10.4





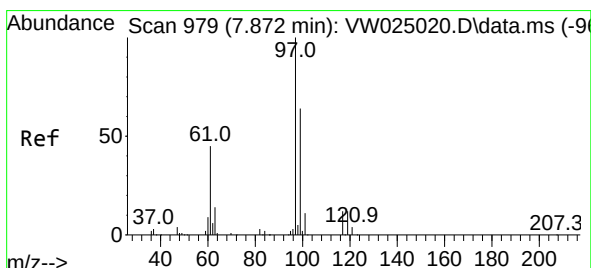
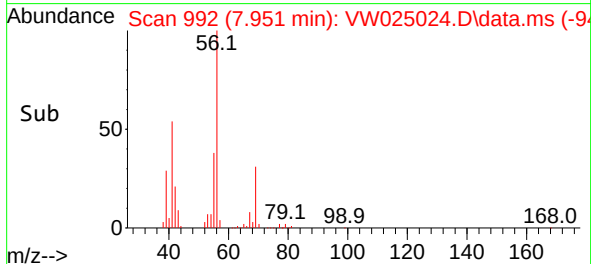
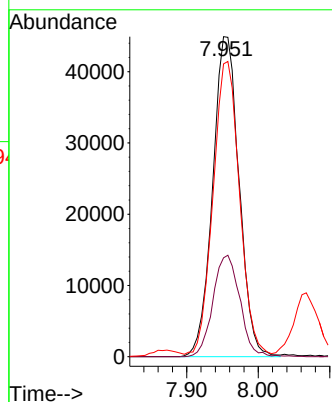
#29
Cyclohexane
Concen: 21.056 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 56 Resp: 115159

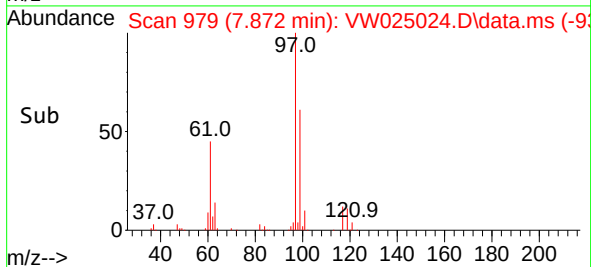
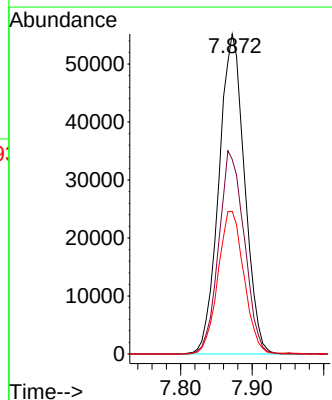
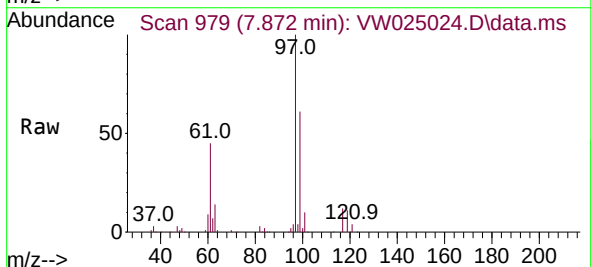
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.0	37.4
84	93.3	72.6	108.8

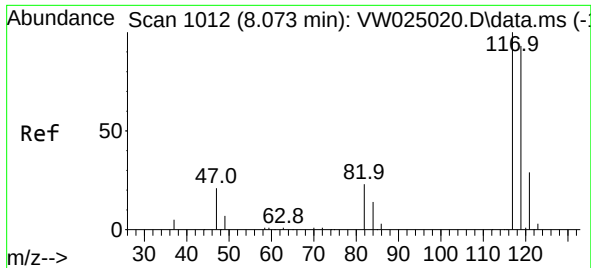


#30
1,1,1-Trichloroethane
Concen: 24.224 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Tgt Ion: 97 Resp: 137307

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.8	77.8
61	45.2	36.6	54.8

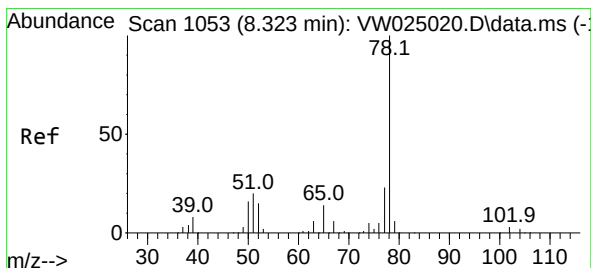
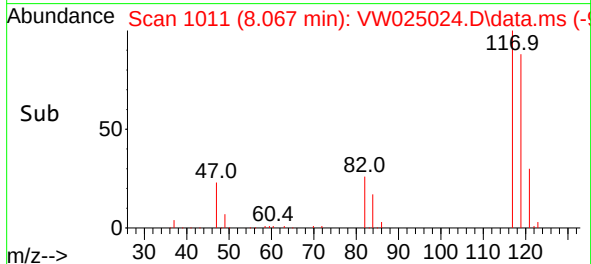
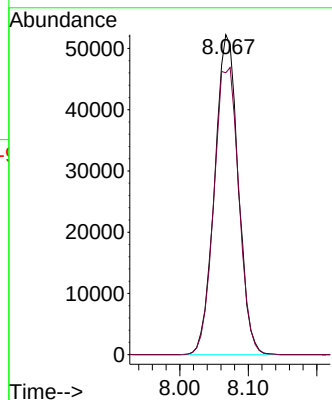
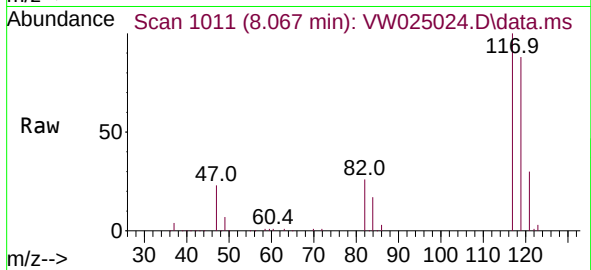




#31
Carbon tetrachloride
Concen: 24.605 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

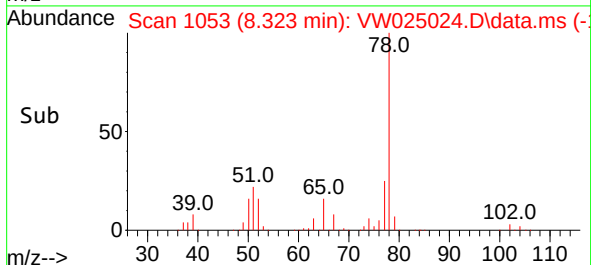
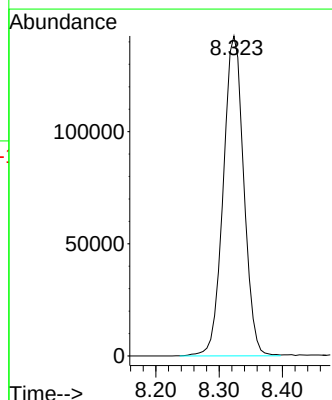
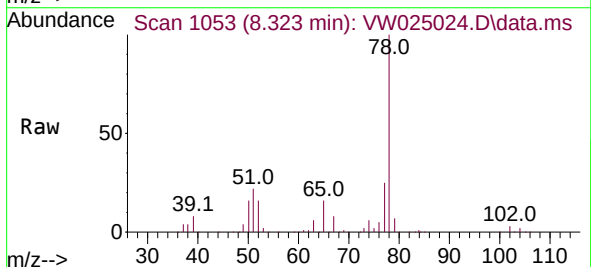
Instrument :
MSVOA_W
ClientSampleId :

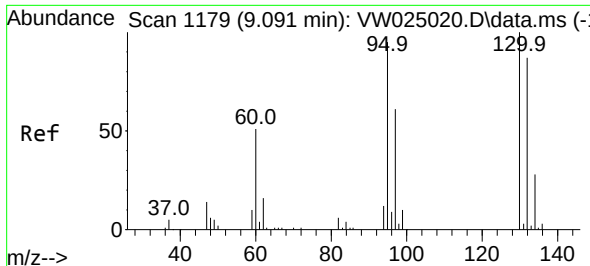
Tgt Ion:117 Resp: 124627
Ion Ratio Lower Upper
117 100
119 95.1 77.7 116.5



#33
Benzene
Concen: 23.030 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Tgt Ion: 78 Resp: 321234



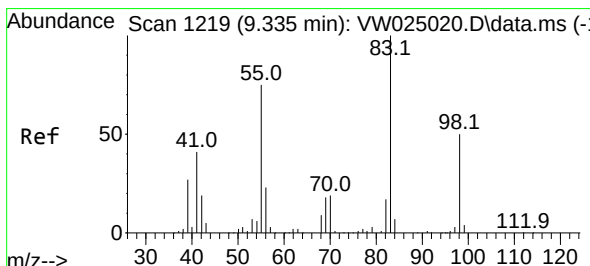
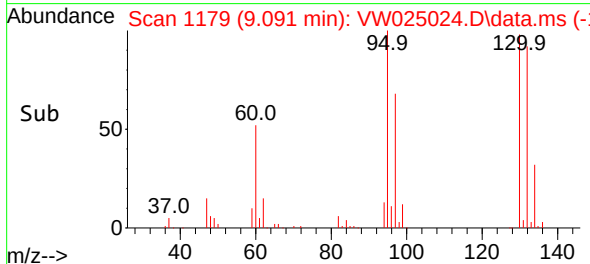
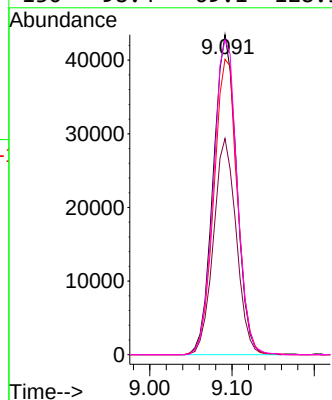
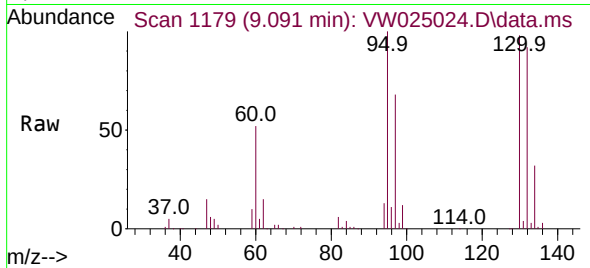


#34
Trichloroethene
Concen: 23.176 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 85574

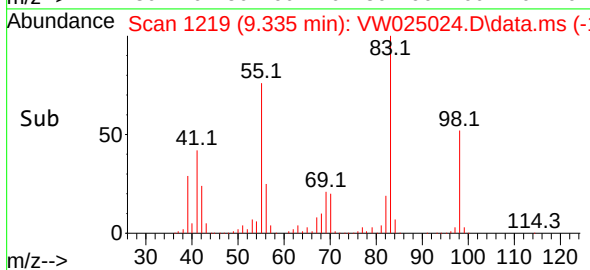
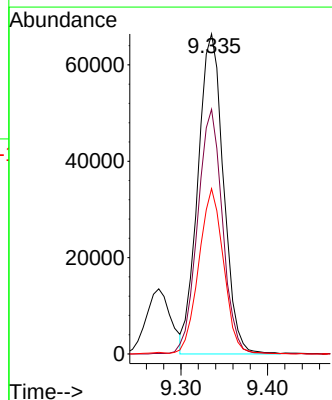
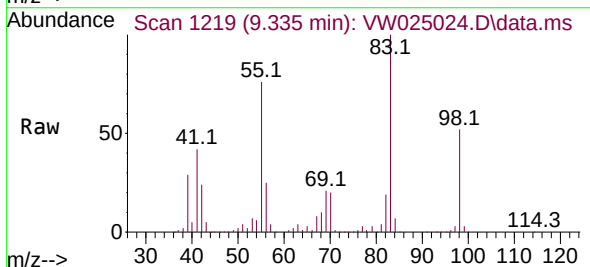
Ion	Ratio	Lower	Upper
95	100		
97	67.6	44.7	83.1
132	92.3	62.6	116.2
130	98.4	69.1	128.3

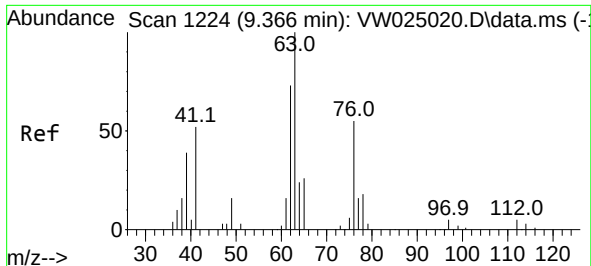


#35
Methylcyclohexane
Concen: 21.709 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Tgt Ion: 83 Resp: 136204

Ion	Ratio	Lower	Upper
83	100		
55	74.3	60.4	90.6
98	50.2	39.5	59.3





#37

1,2-Dichloropropane

Concen: 22.859 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

Instrument :

MSVOA_W

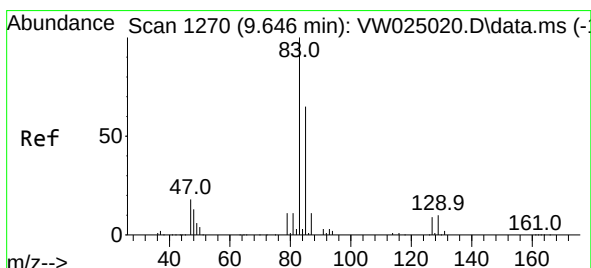
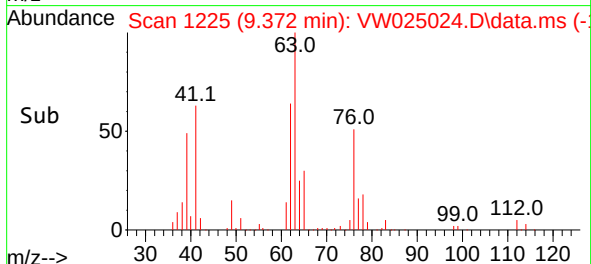
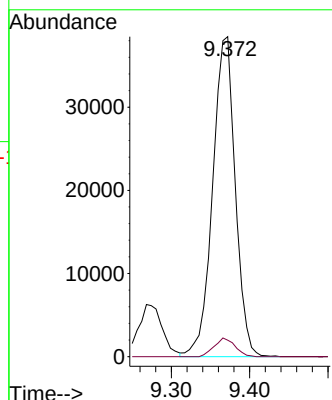
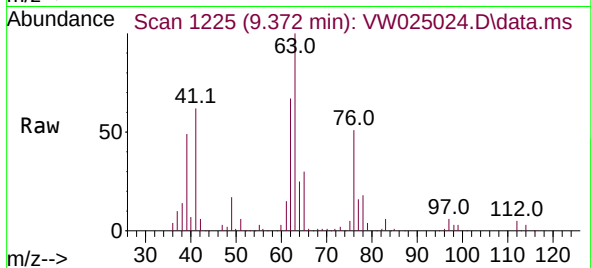
ClientSampleId :

Tgt Ion: 63 Resp: 77389

Ion Ratio Lower Upper

63 100

112 5.4 3.6 5.4



#38

Bromodichloromethane

Concen: 25.530 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

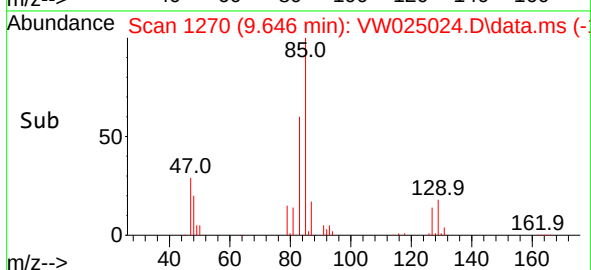
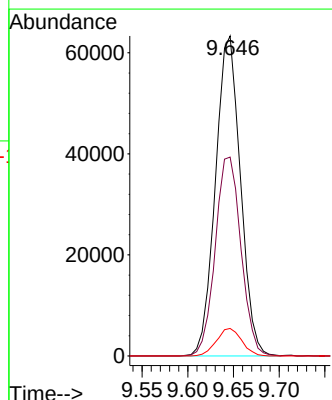
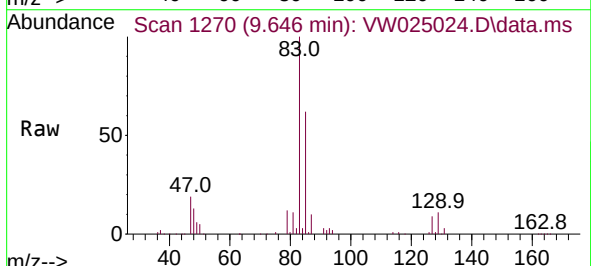
Tgt Ion: 83 Resp: 120627

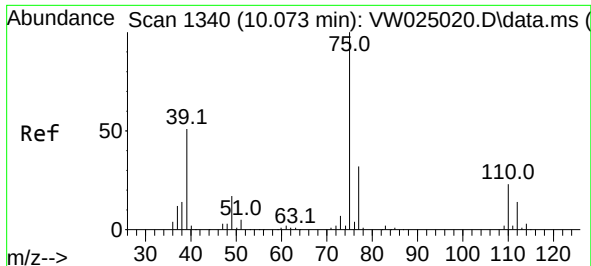
Ion Ratio Lower Upper

83 100

85 62.2 45.8 85.0

127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 24.470 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

Instrument :

MSVOA_W

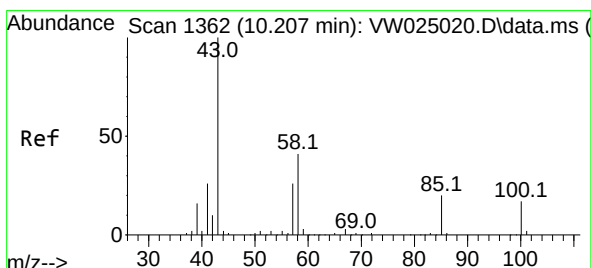
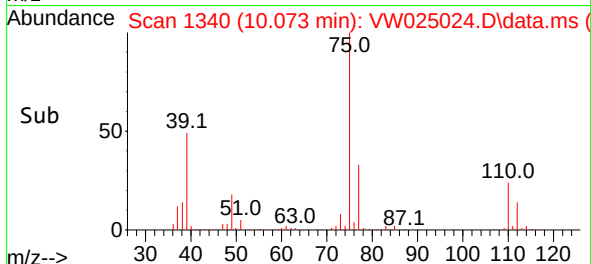
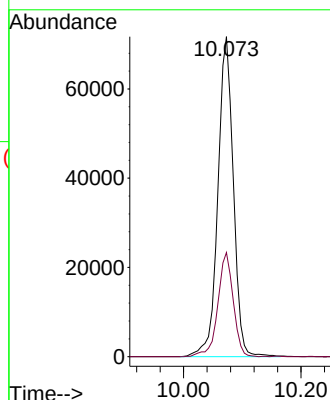
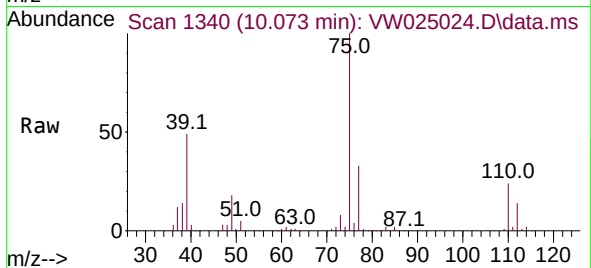
ClientSampleId :

Tgt Ion: 75 Resp: 130960

Ion Ratio Lower Upper

75 100

77 32.5 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 46.671 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

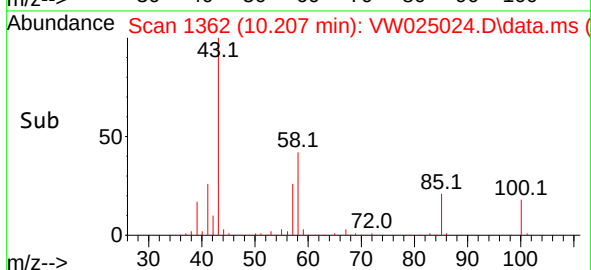
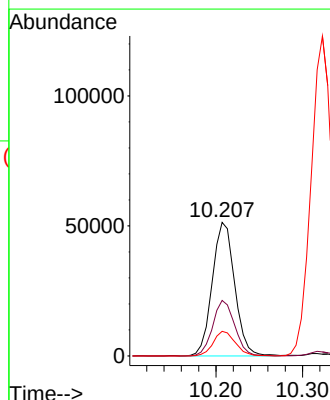
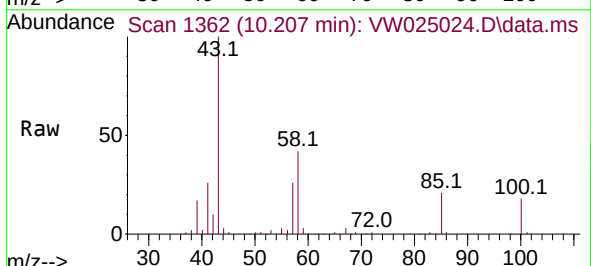
Tgt Ion: 43 Resp: 92718

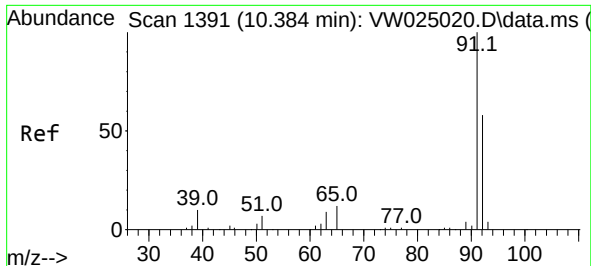
Ion Ratio Lower Upper

43 100

58 40.7 32.6 48.8

100 18.1 14.0 21.0





#42

Toluene

Concen: 23.598 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

Instrument :

MSVOA_W

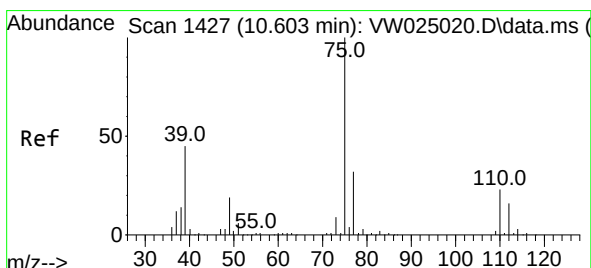
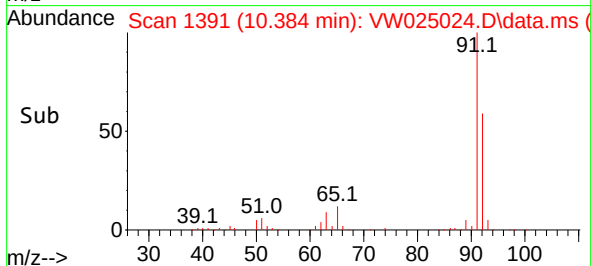
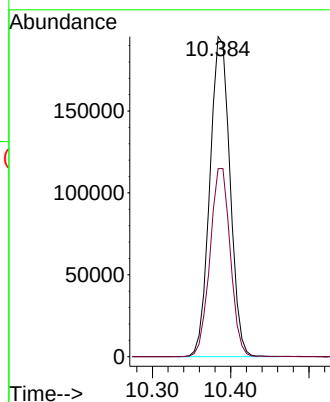
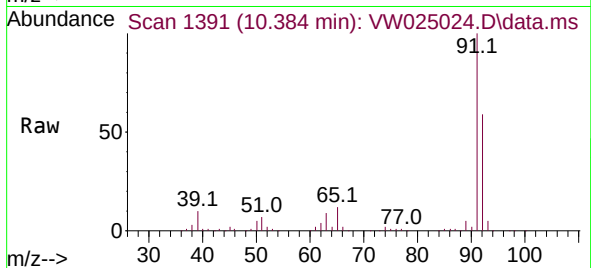
ClientSampleId :

Tgt Ion: 91 Resp: 349451

Ion Ratio Lower Upper

91 100

92 58.8 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 24.624 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025024.D

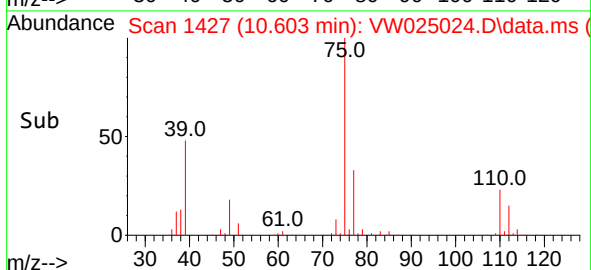
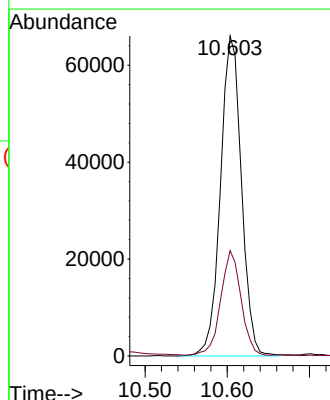
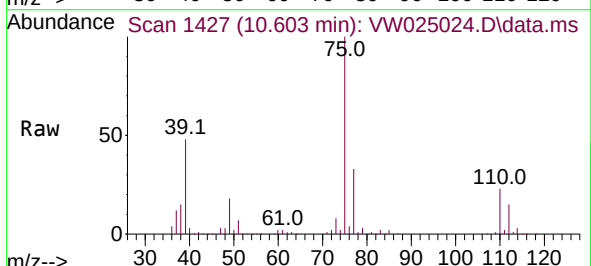
Acq: 08 Nov 2022 14:03

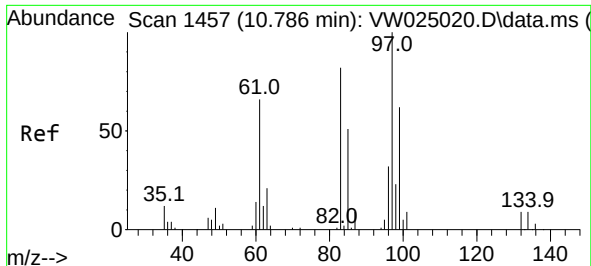
Tgt Ion: 75 Resp: 117160

Ion Ratio Lower Upper

75 100

77 32.9 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 24.456 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 62512

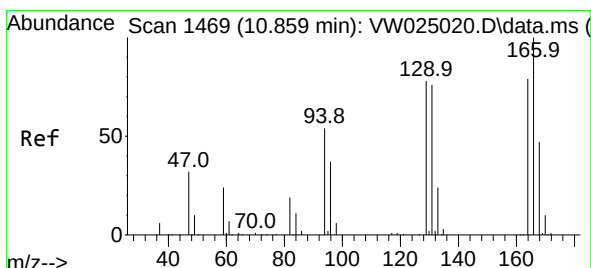
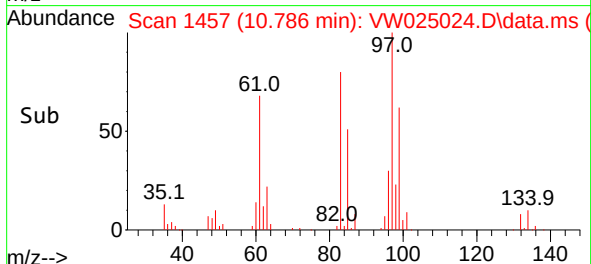
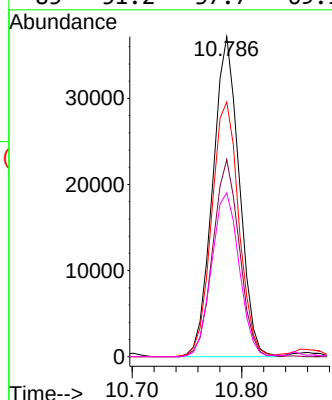
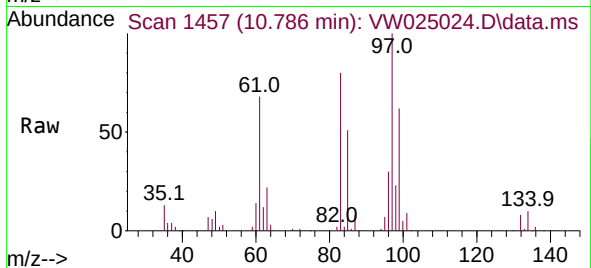
Ion Ratio Lower Upper

97 100

99 61.6 44.0 81.6

83 79.6 59.9 111.3

85 51.2 37.7 69.9



#46

Tetrachloroethene

Concen: 24.199 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

Tgt Ion:164 Resp: 63901

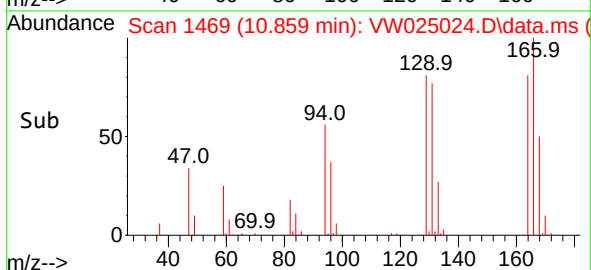
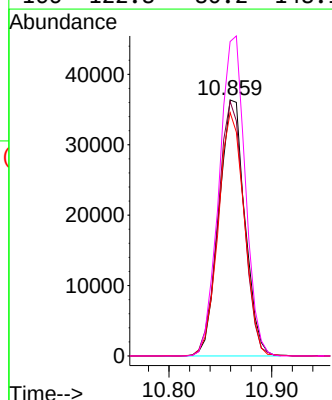
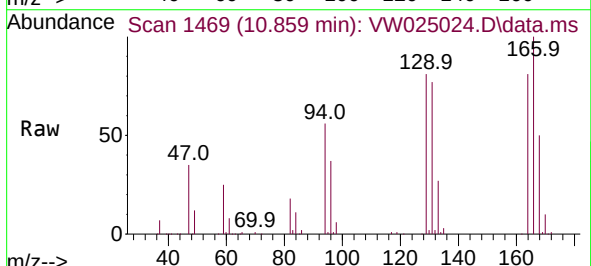
Ion Ratio Lower Upper

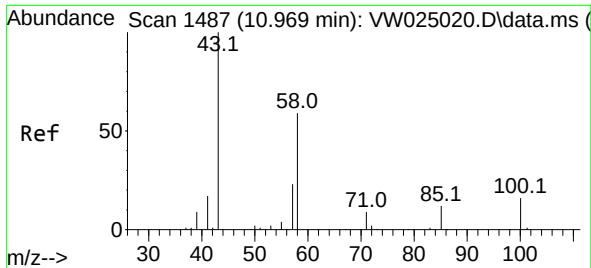
164 100

129 99.4 72.9 135.5

131 95.1 70.1 130.3

166 122.8 80.2 148.9

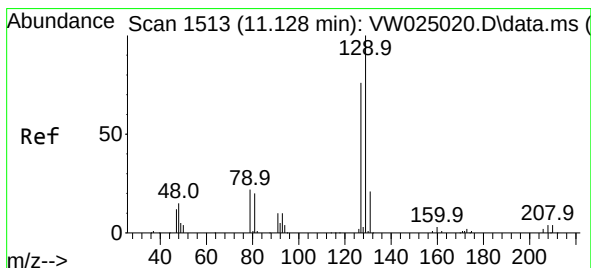
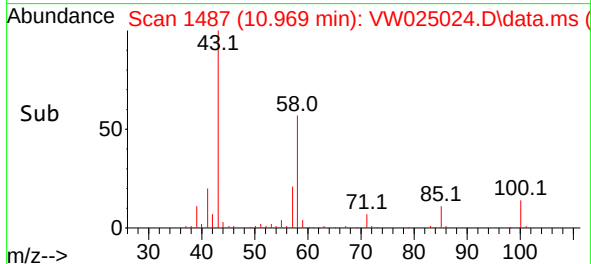
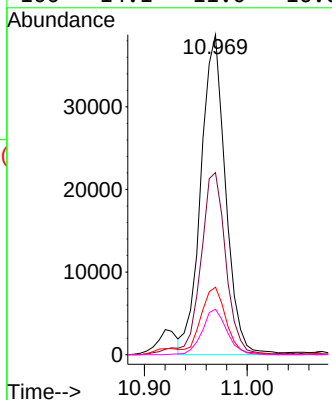
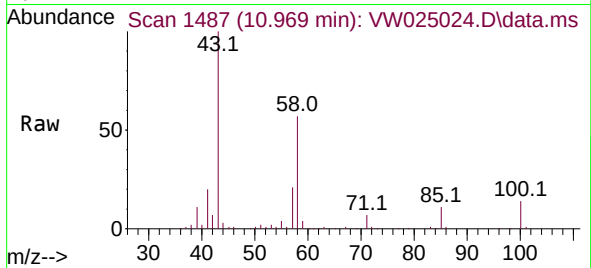




#48
2-Hexanone
Concen: 47.043 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

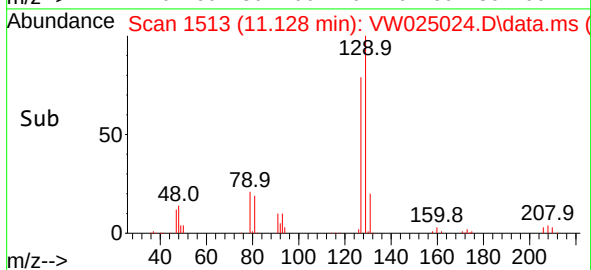
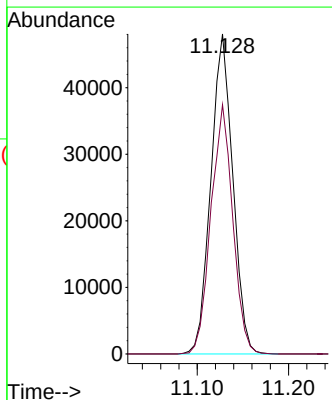
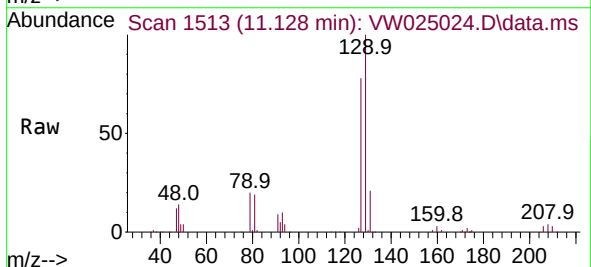
Instrument :
MSVOA_W
ClientSampleId :

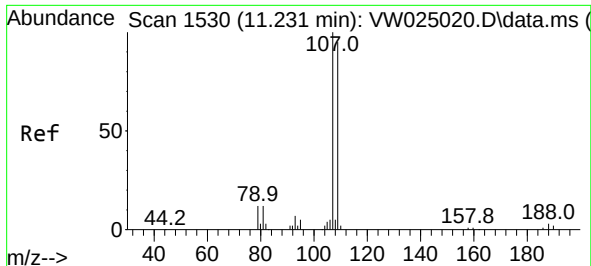
Tgt Ion: 43	Resp: 64634
Ion Ratio	Lower Upper
43 100	
58 56.8	46.1 69.1
57 21.4	16.2 24.2
100 14.1	11.0 16.6



#49
Dibromochloromethane
Concen: 25.731 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Tgt	Ion:129	Resp:	80173
Ion	Ratio	Lower	Upper
129	100		
127	77.9	53.2	98.8





#50

1,2-Dibromoethane

Concen: 24.868 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025024.D

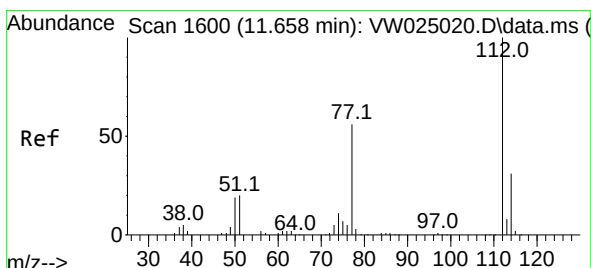
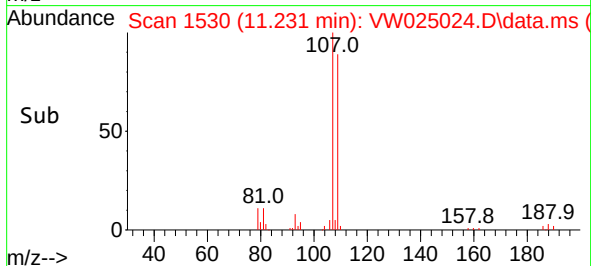
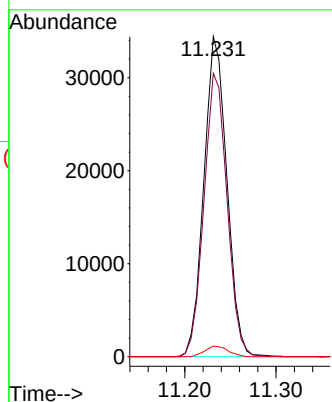
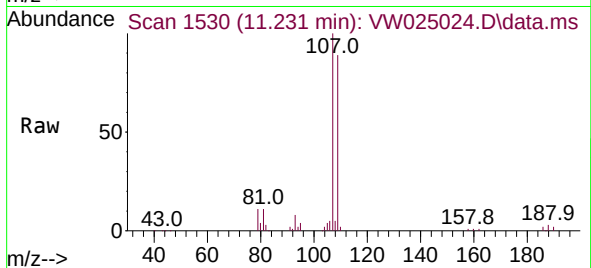
Acq: 08 Nov 2022 14:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	60118
Ion Ratio	Lower	Upper
107	100	
109	88.5	64.5 119.7
188	3.3	2.9 4.3



#51

Chlorobenzene

Concen: 23.775 ug/L

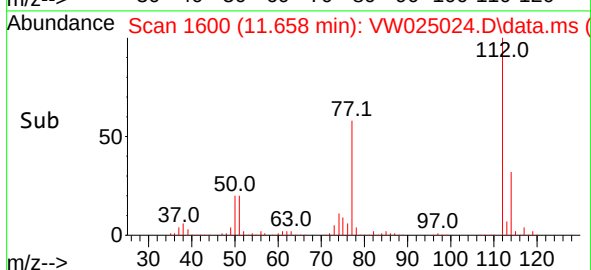
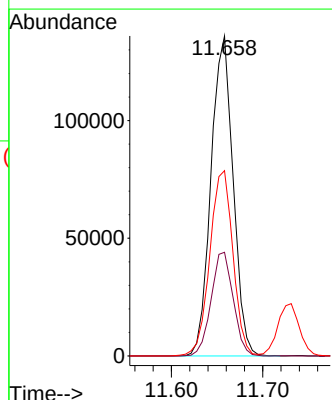
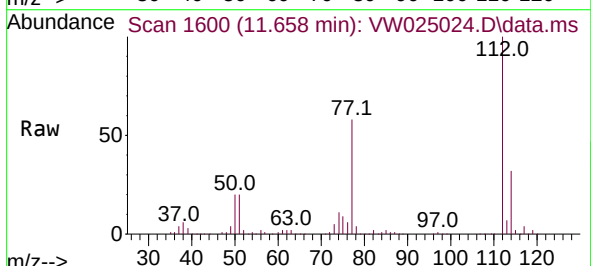
RT: 11.658 min Scan# 1600

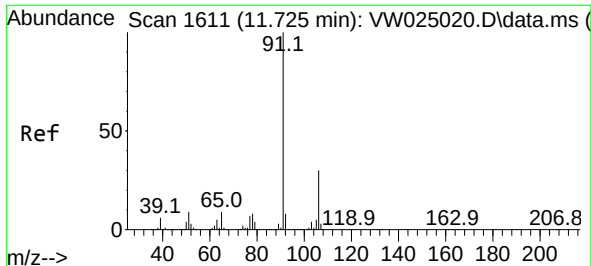
Delta R.T. -0.000 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

Tgt Ion:112	Resp:	228210
Ion Ratio	Lower	Upper
112	100	
114	32.4	20.8 38.6
77	57.9	48.2 72.2

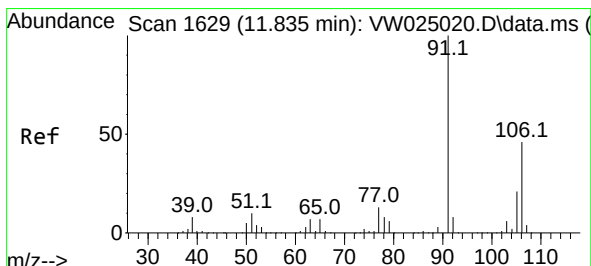
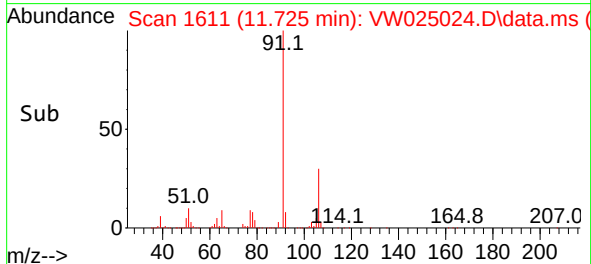
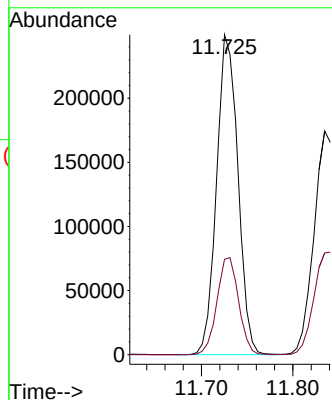
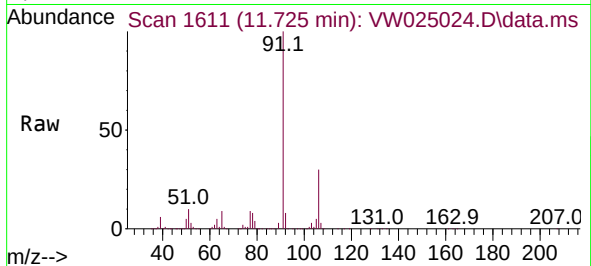




#52
Ethylbenzene
Concen: 23.714 ug/L
RT: 11.725 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

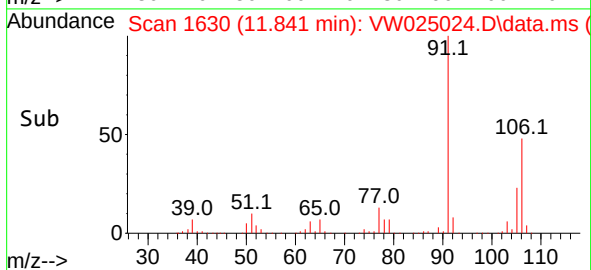
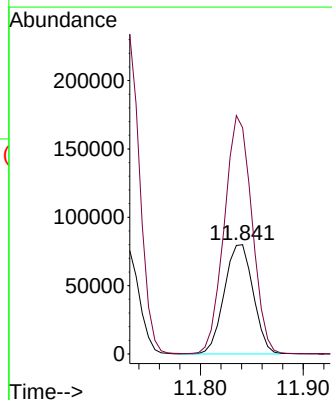
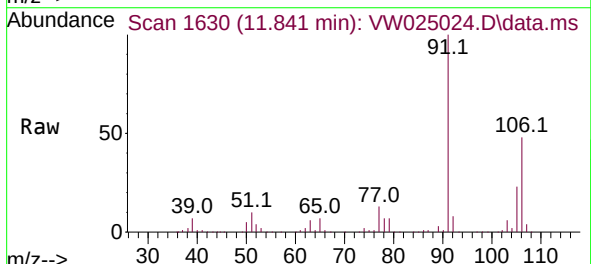
Instrument :
MSVOA_W
ClientSampleId :

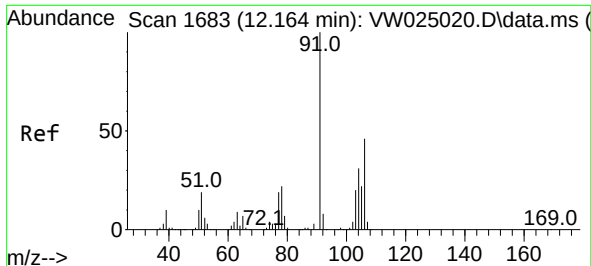
Tgt Ion: 91 Resp: 405357
Ion Ratio Lower Upper
91 100
106 29.8 22.3 41.5



#53
m,p-Xylene
Concen: 23.622 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Tgt Ion:106 Resp: 156297
Ion Ratio Lower Upper
106 100
91 207.0 143.9 267.2

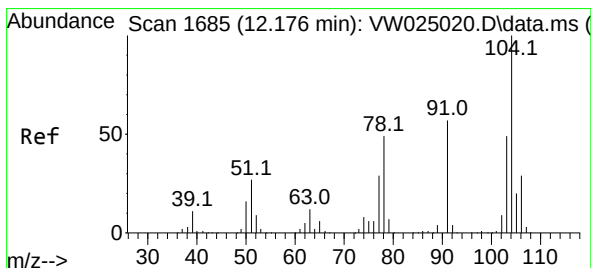
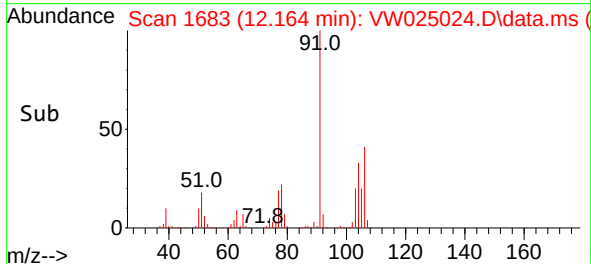
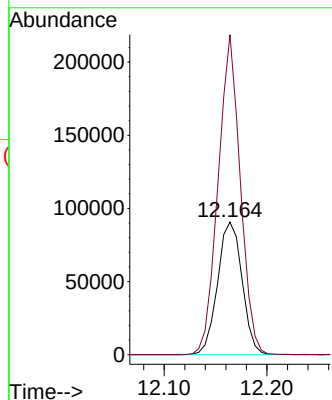
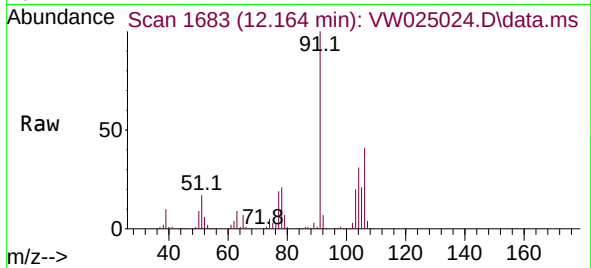




#54
o-Xylene
Concen: 23.977 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

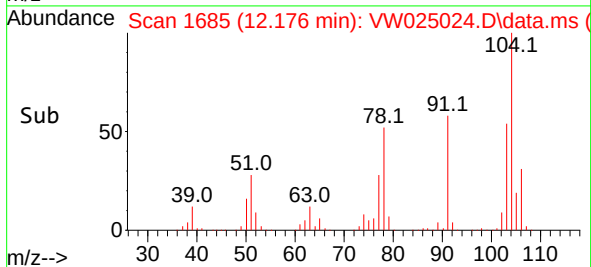
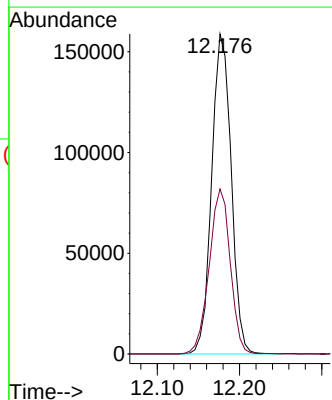
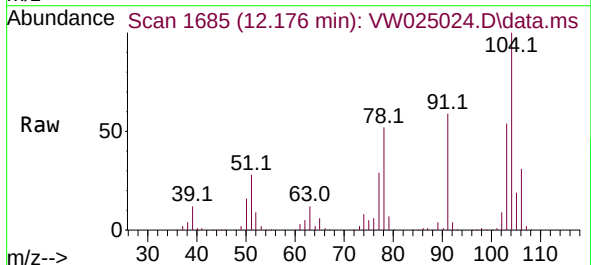
Instrument :
MSVOA_W
ClientSampleId :

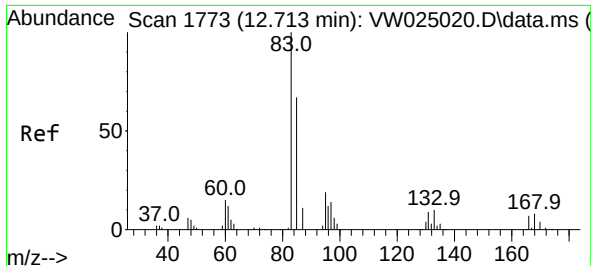
Tgt Ion:106 Resp: 149670
Ion Ratio Lower Upper
106 100
91 241.3 153.5 285.1



#55
Styrene
Concen: 24.096 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Tgt Ion:104 Resp: 261250
Ion Ratio Lower Upper
104 100
78 51.6 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 24.191 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW025024.D

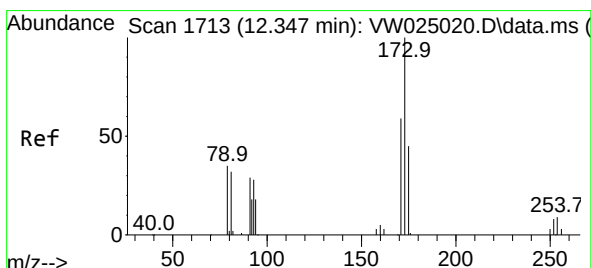
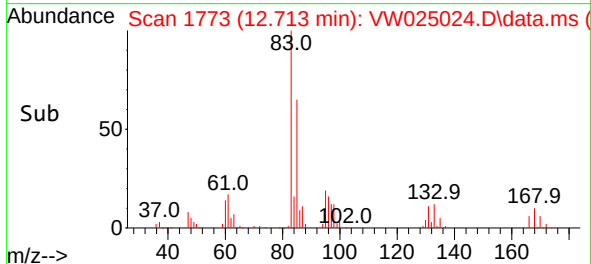
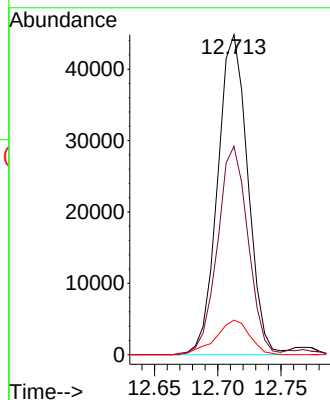
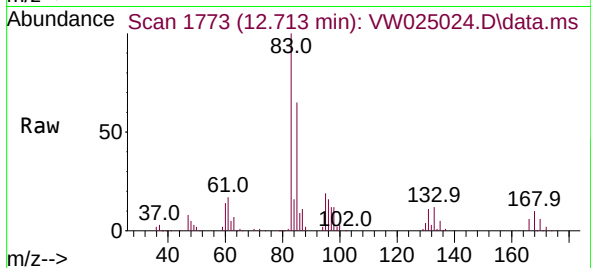
Acq: 08 Nov 2022 14:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	74180
Ion Ratio	Lower	Upper	
83	100		
85	65.1	46.4	86.2
131	10.8	8.2	12.4



#59

Bromoform

Concen: 24.198 ug/L

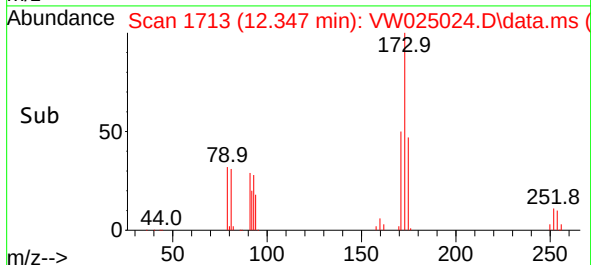
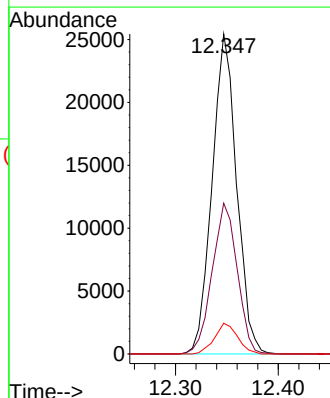
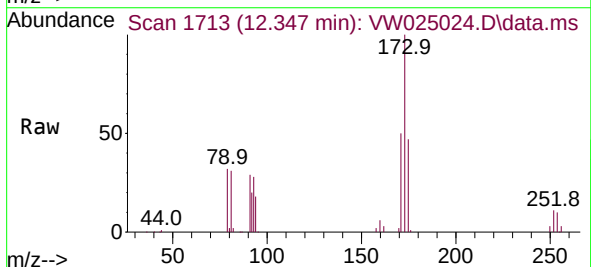
RT: 12.347 min Scan# 1713

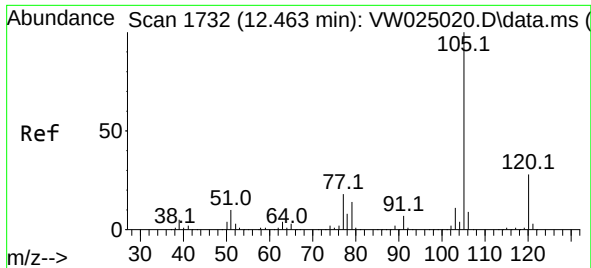
Delta R.T. -0.000 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

Tgt Ion:	173	Resp:	42119
Ion Ratio	Lower	Upper	
173	100		
175	48.1	37.4	56.2
254	9.0	5.8	8.8

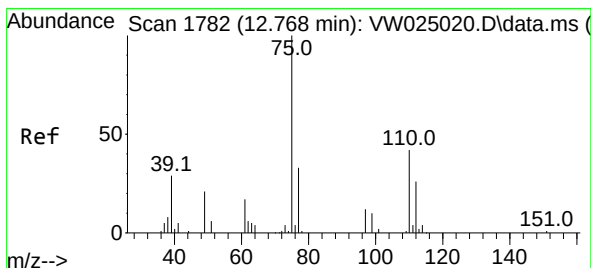
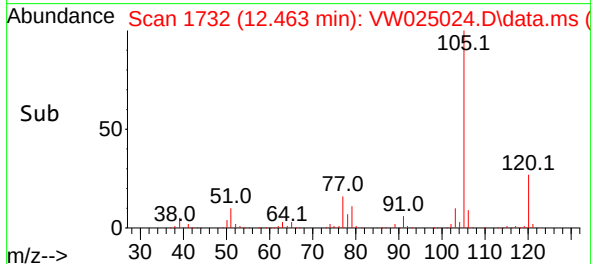
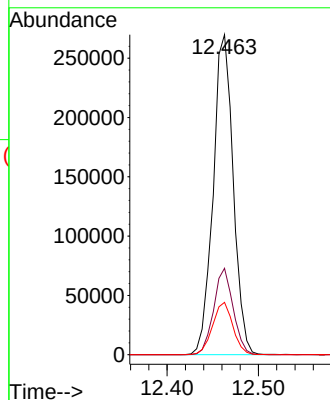
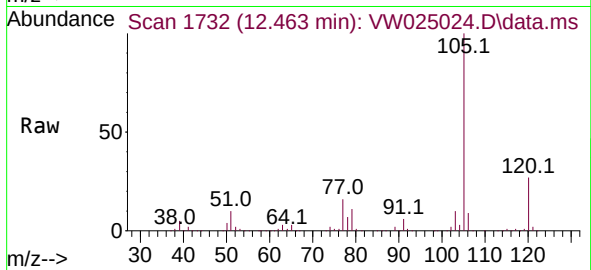




#60
Isopropylbenzene
Concen: 22.266 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

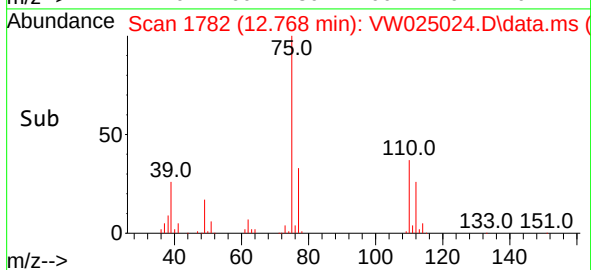
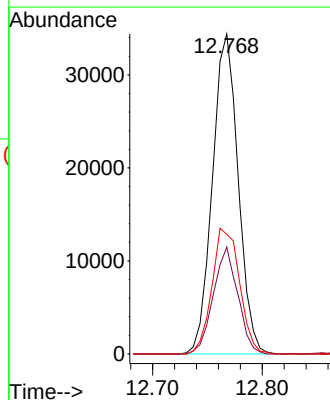
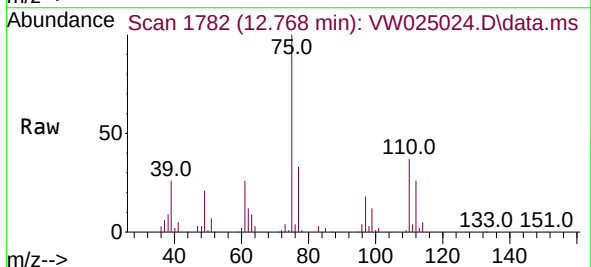
Instrument :
MSVOA_W
ClientSampleId :

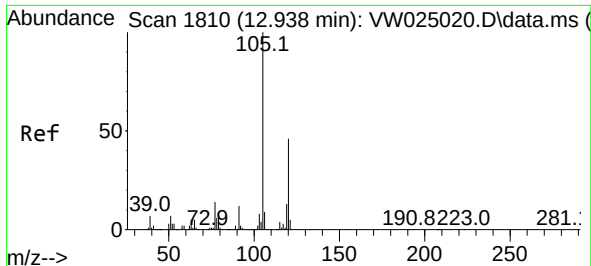
Tgt Ion:105 Resp: 411960
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 16.6 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 22.690 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Tgt Ion: 75 Resp: 56099
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
110 42.1 31.7 47.5

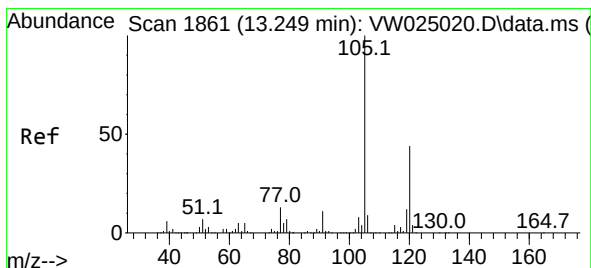
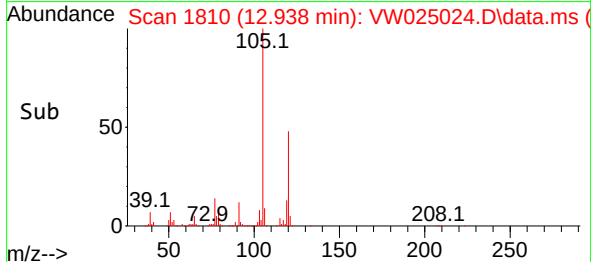
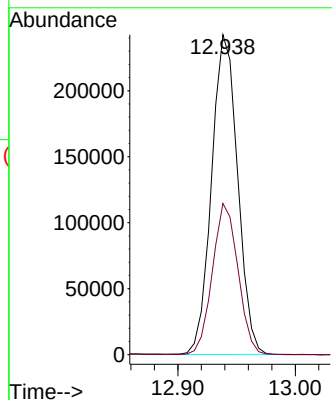
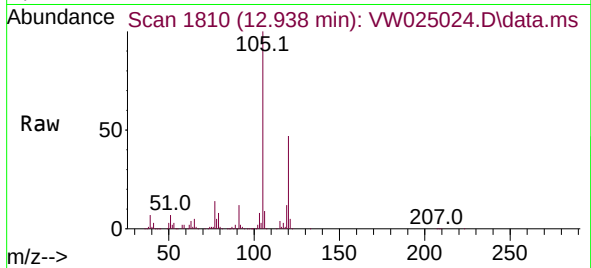




#62
 1,3,5-Trimethylbenzene
 Concen: 23.239 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW025024.D
 Acq: 08 Nov 2022 14:03

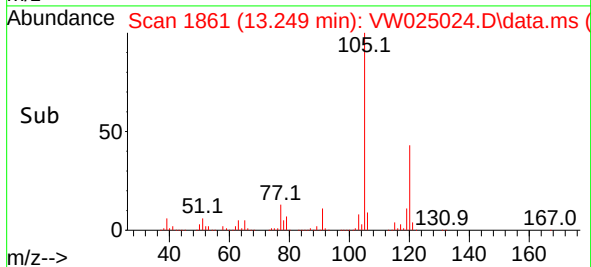
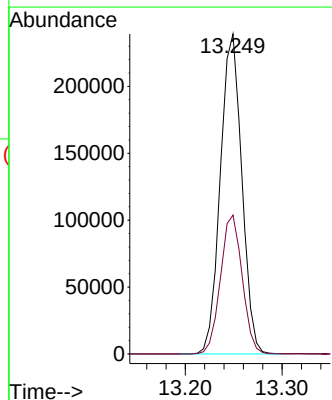
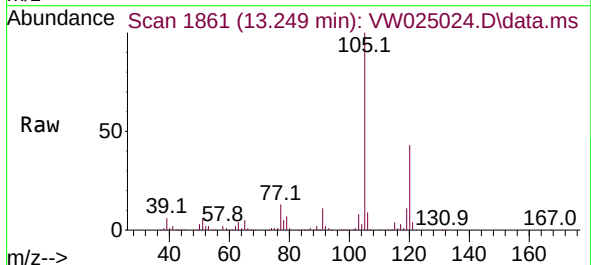
Instrument :
 MSVOA_W
 ClientSampleId :

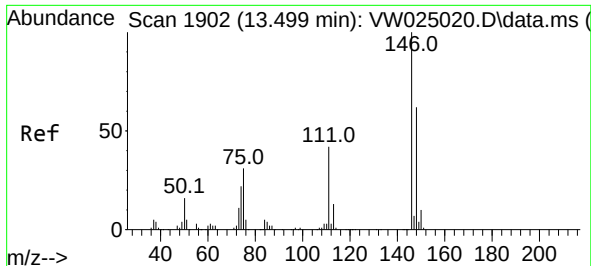
Tgt Ion:105 Resp: 373243
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.6 56.4



#63
 1,2,4-Trimethylbenzene
 Concen: 23.401 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW025024.D
 Acq: 08 Nov 2022 14:03

Tgt Ion:105 Resp: 368546
 Ion Ratio Lower Upper
 105 100
 120 43.8 35.7 53.5

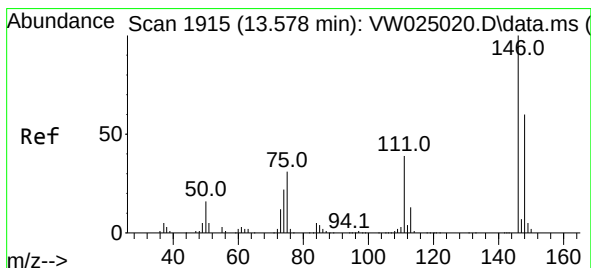
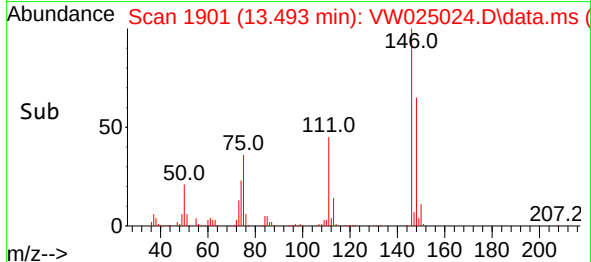
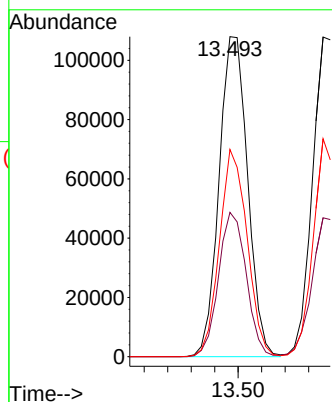
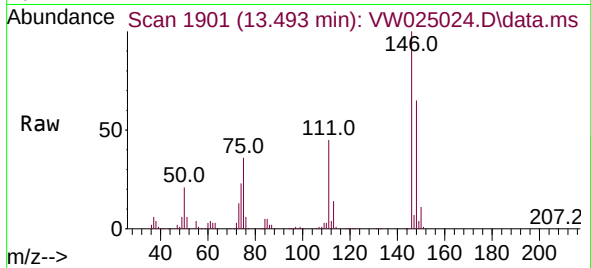




#64
1,3-Dichlorobenzene
Concen: 23.653 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

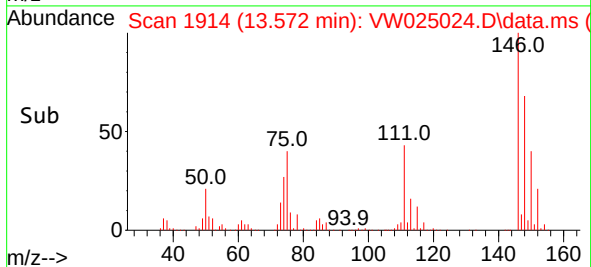
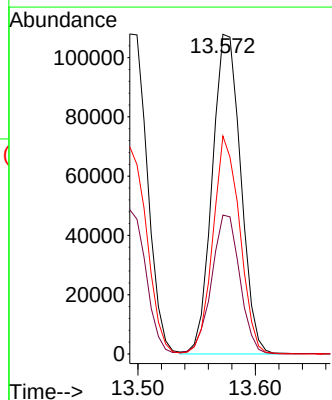
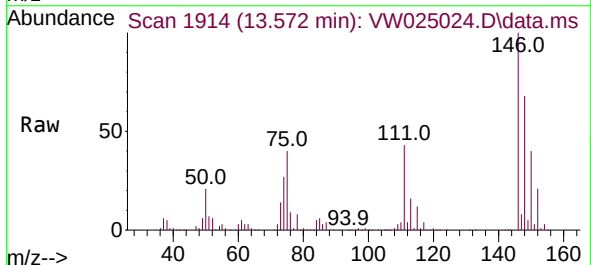
Instrument :
MSVOA_W
ClientSampleId :

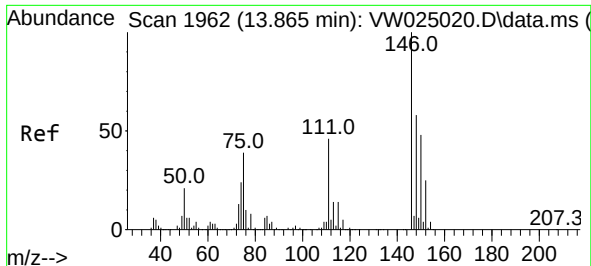
Tgt Ion:146 Resp: 182520
Ion Ratio Lower Upper
146 100
111 45.1 31.1 57.7
148 64.8 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 23.637 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025024.D
Acq: 08 Nov 2022 14:03

Tgt Ion:146 Resp: 181999
Ion Ratio Lower Upper
146 100
111 43.4 28.8 53.6
148 68.2 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 24.308 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

Instrument :

MSVOA_W

ClientSampleId :

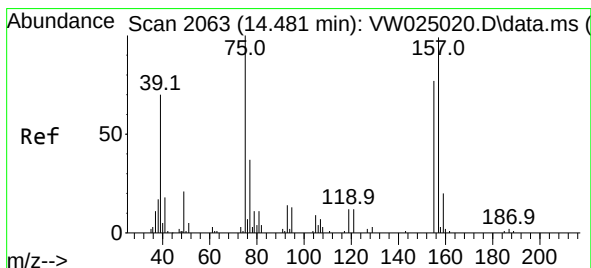
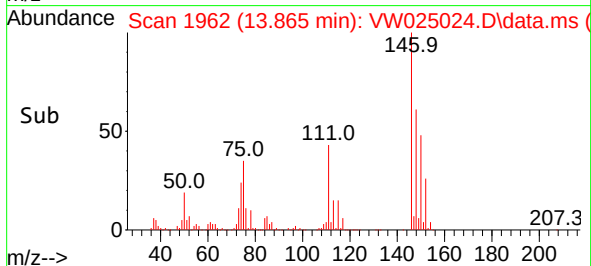
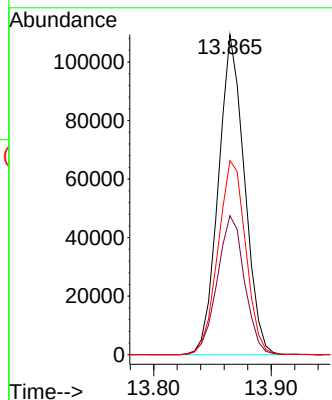
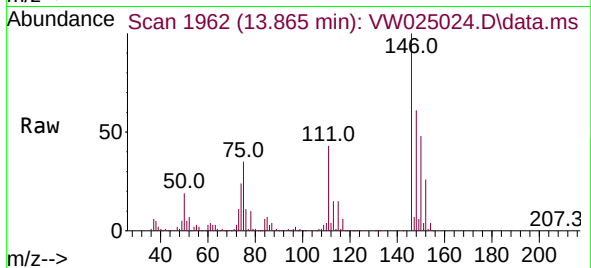
Tgt Ion:146 Resp: 168655

Ion Ratio Lower Upper

146 100

111 43.4 34.2 51.4

148 60.7 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 24.916 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

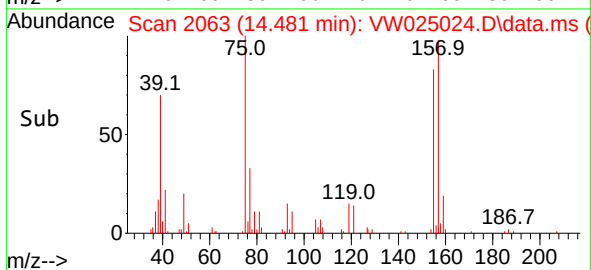
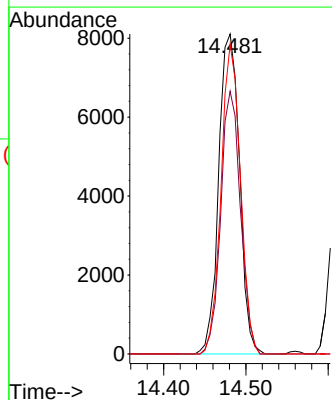
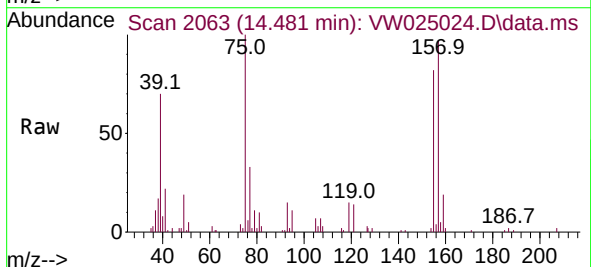
Tgt Ion: 75 Resp: 14236

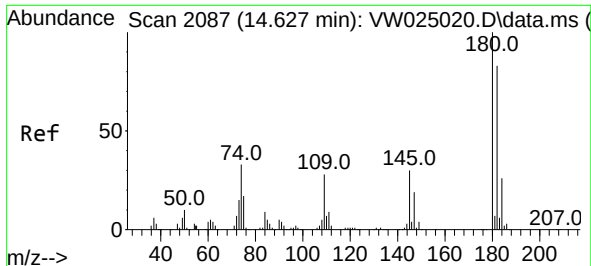
Ion Ratio Lower Upper

75 100

155 82.1 61.2 91.8

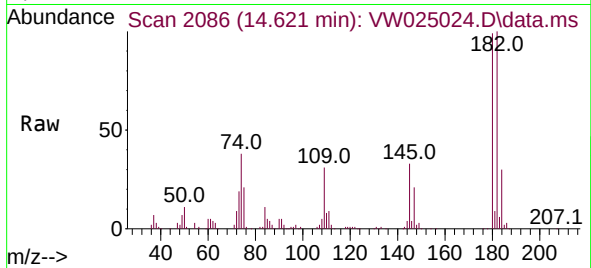
157 96.7 72.4 108.6



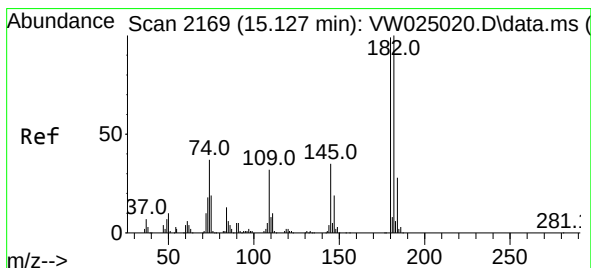
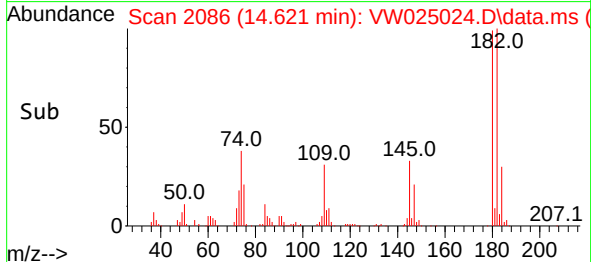
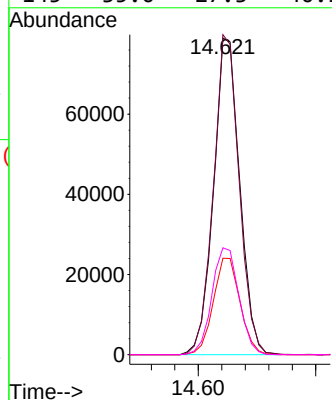


#69
 1,3,5-Trichlorobenzene
 Concen: 23.831 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW025024.D
 Acq: 08 Nov 2022 14:03

Instrument :
 MSVOA_W
 ClientSampleId :

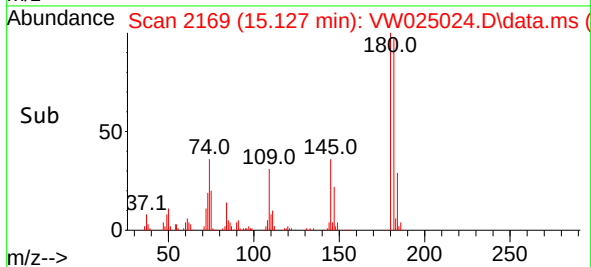
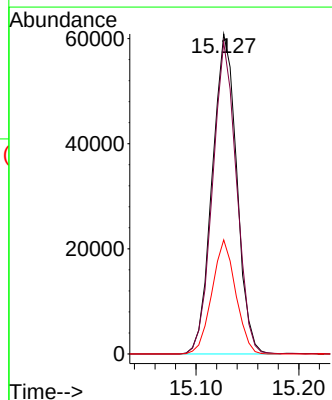
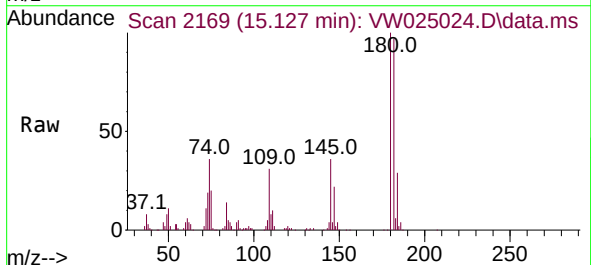


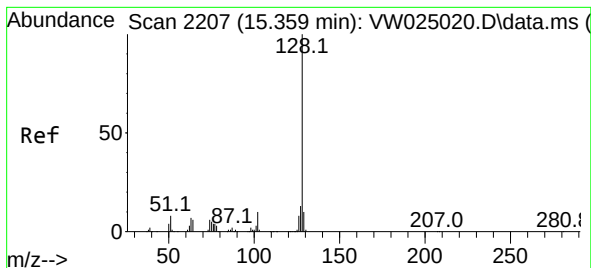
Tgt Ion:180 Resp: 121803
 Ion Ratio Lower Upper
 180 100
 182 99.4 75.7 113.5
 184 31.3 23.4 35.2
 145 35.0 27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 25.310 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW025024.D
 Acq: 08 Nov 2022 14:03

Tgt Ion:180 Resp: 100545
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.9 112.3
 145 34.6 27.0 40.4





#71

Naphthalene

Concen: 26.018 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

Instrument :

MSVOA_W

ClientSampleId :

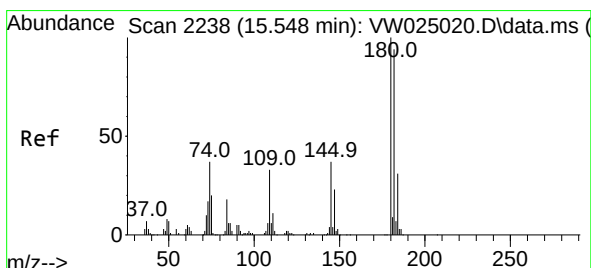
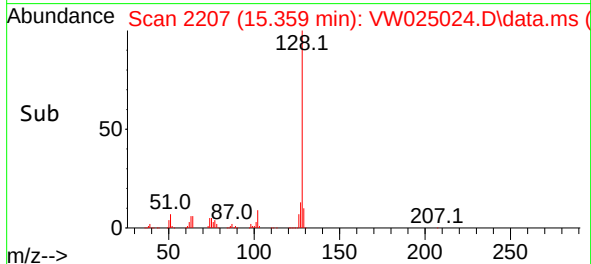
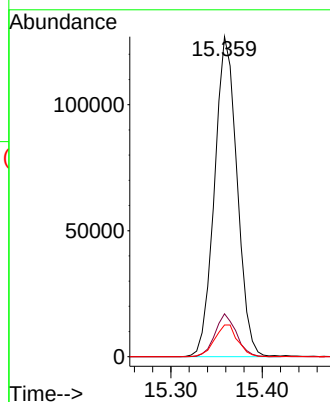
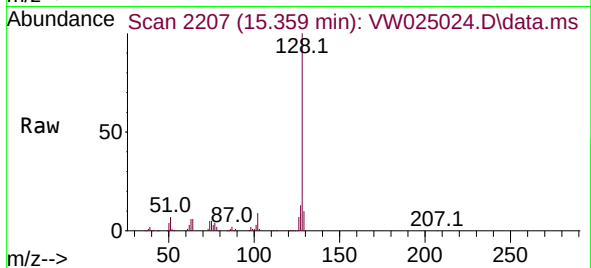
Tgt Ion:128 Resp: 218041

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 26.240 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025024.D

Acq: 08 Nov 2022 14:03

Tgt Ion:180 Resp: 90827

Ion Ratio Lower Upper

180 100

182 91.5 74.1 111.1

145 36.2 28.2 42.2

