

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011723\
 Data File : VW025228.D
 Acq On : 17 Jan 2023 11:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

Quant Time: Jan 18 00:48:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:45:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	328449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	287793	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	139641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	69499	18.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.920%
7) Chloroethane-d5	2.885	69	46702	19.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.760%
11) 1,1-Dichloroethene-d2	4.019	63	198495	23.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.080%
21) 2-Butanone-d5	7.074	46	41076	42.504	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.000%
24) Chloroform-d	7.647	84	214615	26.071	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.280%
26) 1,2-Dichloroethane-d4	8.305	65	114772	27.066	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.280%
32) Benzene-d6	8.275	84	415590	24.048	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	9.275	67	115720	22.891	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.560%
41) Toluene-d8	10.323	98	390701	24.841	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.360%
43) trans-1,3-Dichloroprop...	10.579	79	53288	24.617	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.480%
47) 2-Hexanone-d5	10.921	63	33589	42.166	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.340%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	82920	23.455	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	120403	24.268	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	34748	18.652	ug/L	98
3) Chloromethane	2.215	50	61369	18.688	ug/L	98
5) Vinyl chloride	2.361	62	84529	20.181	ug/L	98
6) Bromomethane	2.782	94	44755	20.356	ug/L	98
8) Chloroethane	2.928	64	39546	20.256	ug/L	98
9) Trichlorofluoromethane	3.257	101	79174	27.290	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	100827	23.880	ug/L	95
12) 1,1-Dichloroethene	4.044	96	97648	23.980	ug/L	88
13) Acetone	4.123	43	54264	48.012	ug/L	95
14) Carbon disulfide	4.385	76	311697	23.102	ug/L	100
15) Methyl Acetate	4.678	43	32689	20.018	ug/L #	79
16) Methylene chloride	4.916	84	104325	20.536	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	104038	23.853	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	145261	23.760	ug/L	97
19) 1,1-Dichloroethane	6.214	63	181691	23.680	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	108128	23.852	ug/L	95
22) 2-Butanone	7.171	43	57484	45.773	ug/L	99
23) Bromochloromethane	7.513	128	44894	23.726	ug/L	90
25) Chloroform	7.677	83	195614	25.930	ug/L	98

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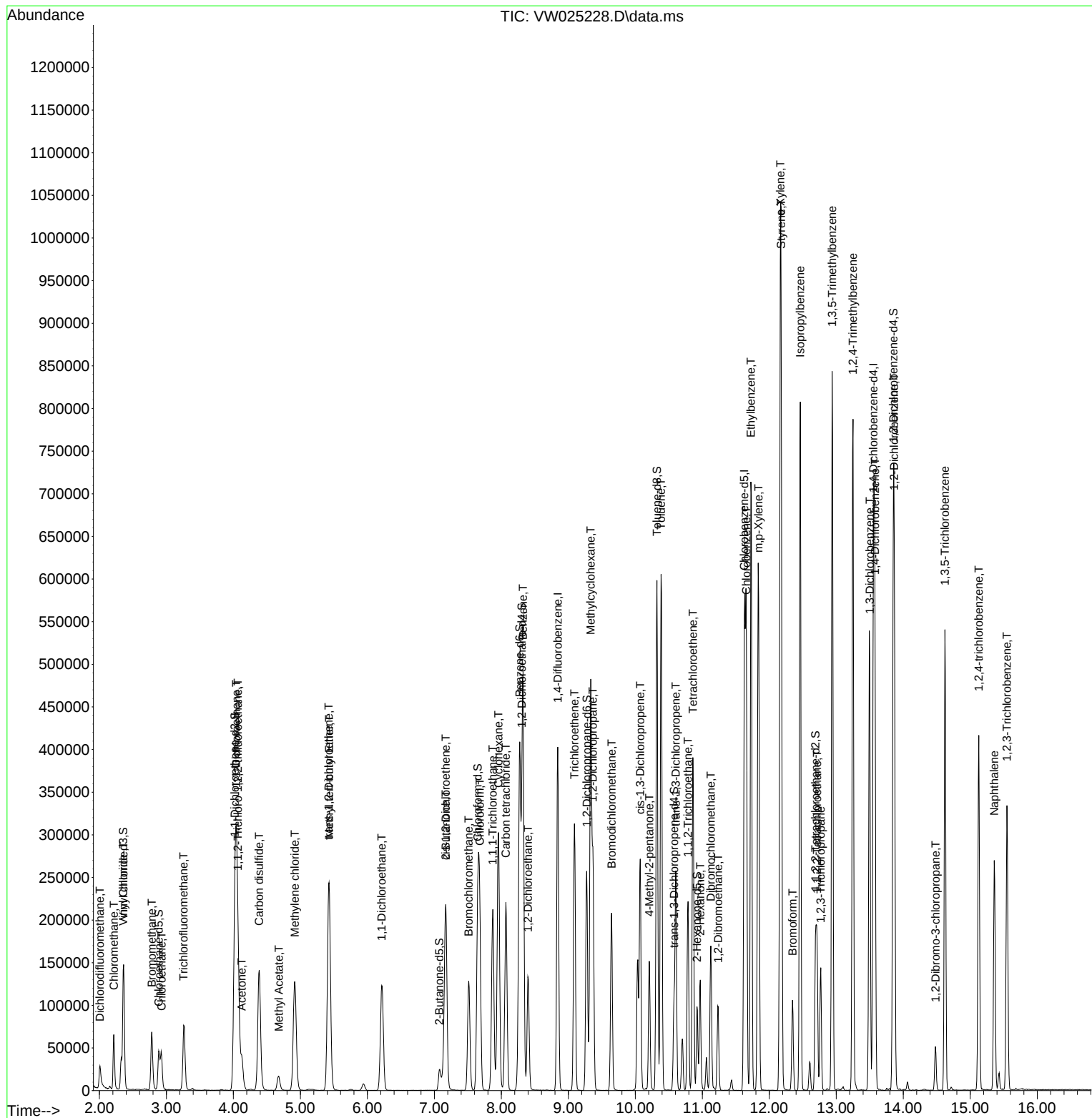
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27) 1,2-Dichloroethane	8.397	62	127838	27.381	ug/L	97
29) Cyclohexane	7.958	56	169117	22.294	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	173553	27.153	ug/L	99
31) Carbon tetrachloride	8.067	117	165090	28.361	ug/L	99
33) Benzene	8.323	78	418664	24.064	ug/L	100
34) Trichloroethene	9.092	95	111767	24.634	ug/L	97
35) Methylcyclohexane	9.336	83	198905	24.159	ug/L	97
37) 1,2-Dichloropropane	9.366	63	94698	22.136	ug/L	99
38) Bromodichloromethane	9.646	83	139334	26.054	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	160086	24.531	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	92581	41.467	ug/L	98
42) Toluene	10.384	91	448184	24.492	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	136873	24.517	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	69714	23.493	ug/L	97
46) Tetrachloroethene	10.860	164	83310	24.992	ug/L	88
48) 2-Hexanone	10.969	43	77500	45.262	ug/L	98
49) Dibromochloromethane	11.128	129	88734	25.622	ug/L	94
50) 1,2-Dibromoethane	11.238	107	65991	23.507	ug/L	96
51) Chlorobenzene	11.658	112	282890	24.752	ug/L	99
52) Ethylbenzene	11.725	91	504902	24.759	ug/L	98
53) m,p-Xylene	11.841	106	194129	24.633	ug/L	99
54) o-Xylene	12.164	106	181503	25.024	ug/L	96
55) Styrene	12.176	104	313094	25.400	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	76436	23.099	ug/L #	97
59) Bromoform	12.347	173	45196	24.538	ug/L	97
60) Isopropylbenzene	12.463	105	506462	24.070	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	57158	21.941	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	447610	25.091	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	430976	24.490	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	212410	24.698	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	213165	25.010	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	187693	25.287	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	14002	23.996	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	151293	24.691	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	122654	23.572	ug/L	95
71) Naphthalene	15.359	128	226880	22.248	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	105282	23.588	ug/L	99

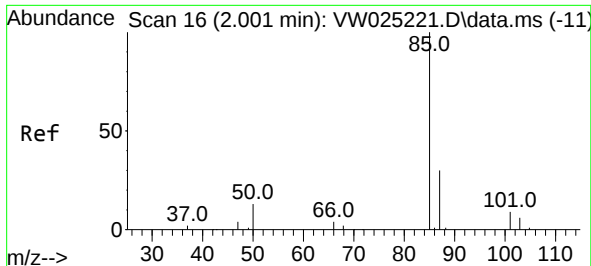
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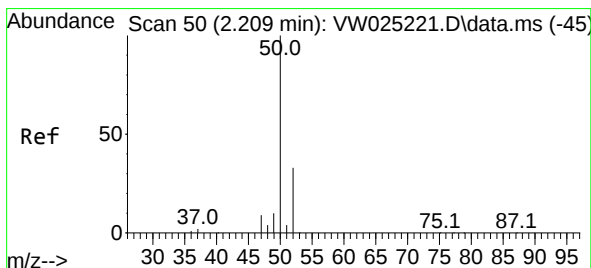
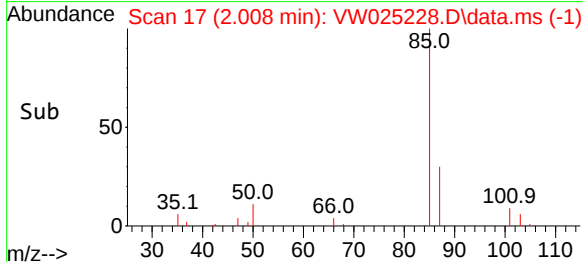
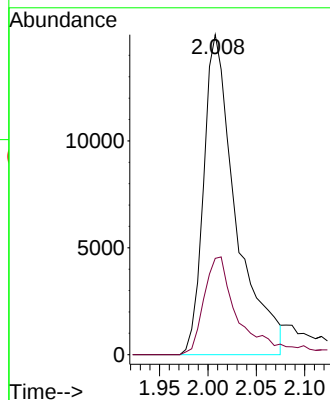
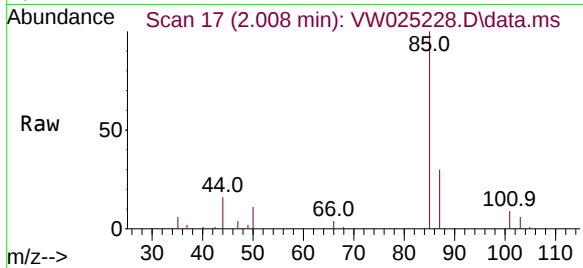




#2
Dichlorodifluoromethane
Concen: 18.652 ug/L
RT: 2.008 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025228.D
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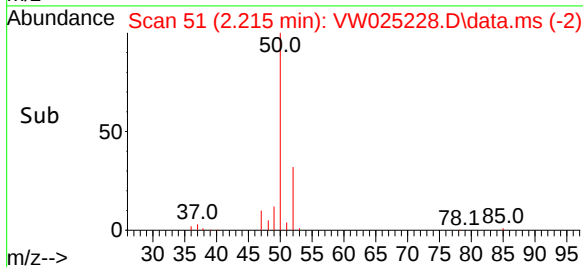
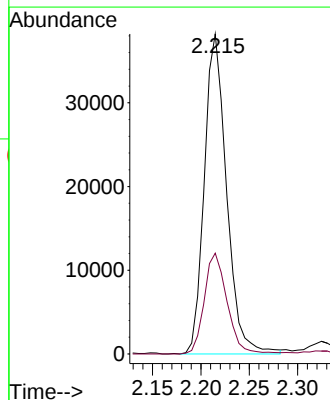
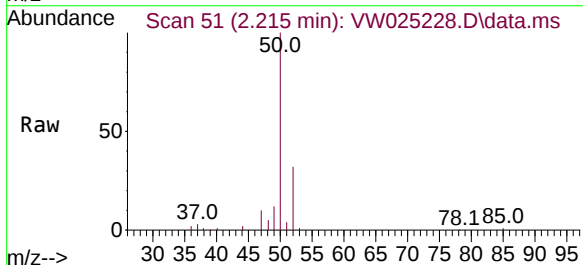
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MSVOA_W
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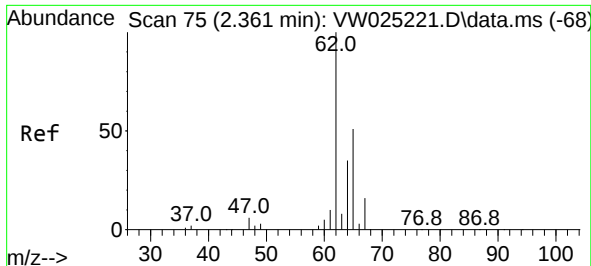
Tgt Ion: 85 Resp: 34748
Ion Ratio Lower Upper
85 100
87 32.3 26.6 39.8



#3
Chloromethane
Concen: 18.688 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion: 50 Resp: 61369
Ion Ratio Lower Upper
50 100
52 31.5 22.7 42.1

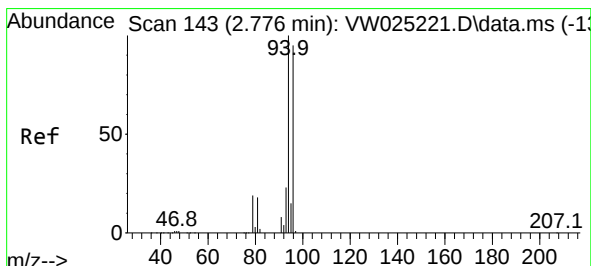
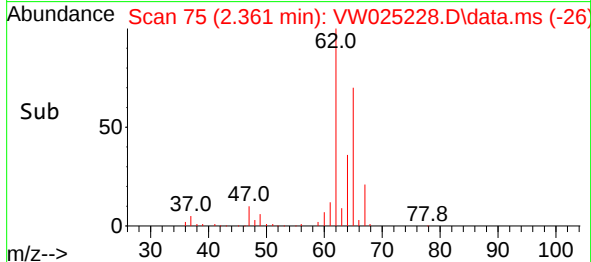
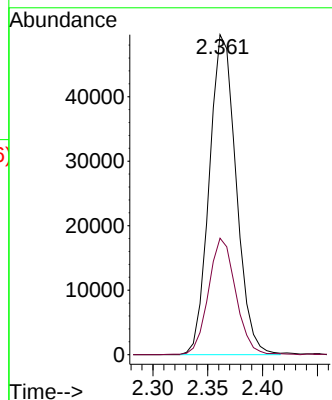
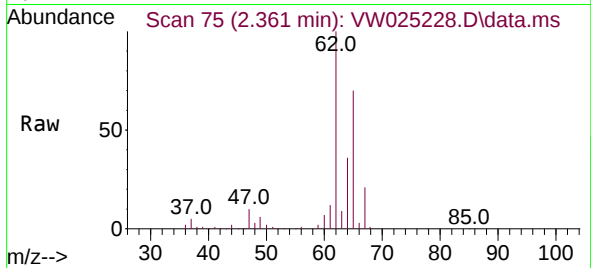




#5
 Vinyl chloride
 Concen: 20.181 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW025228.D
 Acq: 17 Jan 2023 11:51

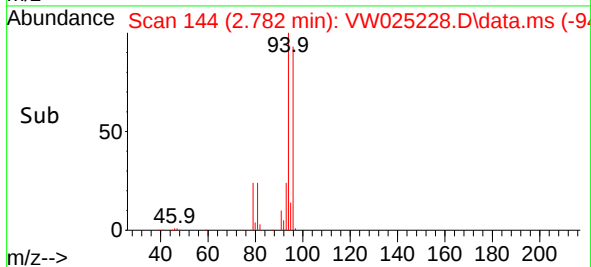
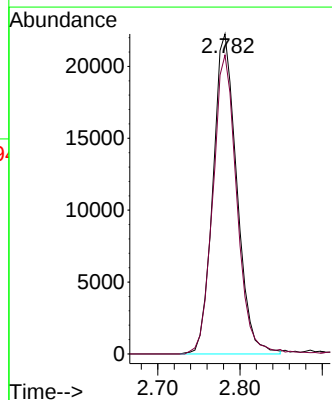
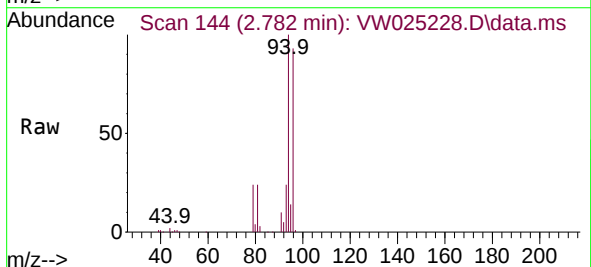
Instrument :
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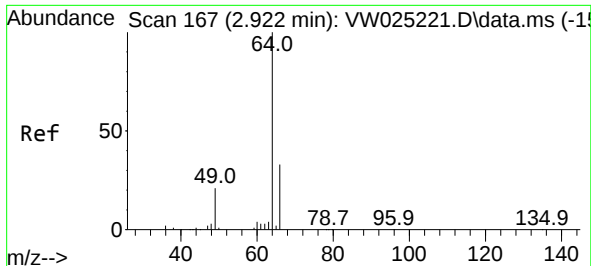
Tgt Ion: 62 Resp: 84529
 Ion Ratio Lower Upper
 62 100
 64 36.4 24.8 46.1



#6
 Bromomethane
 Concen: 20.356 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW025228.D
 Acq: 17 Jan 2023 11:51

Tgt Ion: 94 Resp: 44755
 Ion Ratio Lower Upper
 94 100
 96 93.4 63.9 118.7

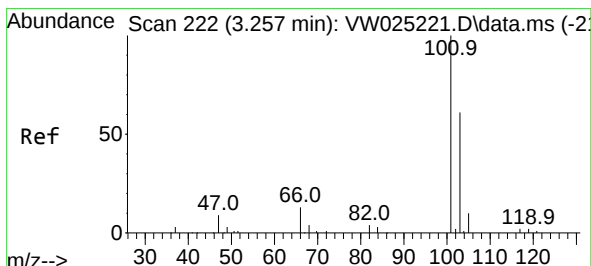
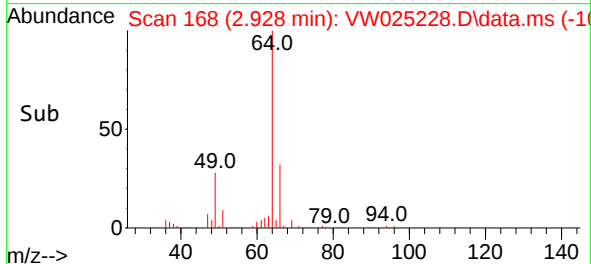
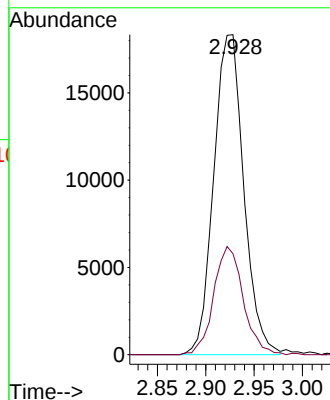
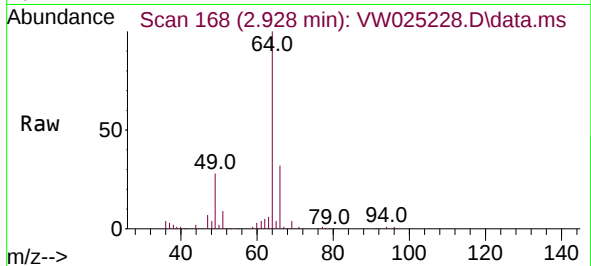




#8
Chloroethane
Concen: 20.256 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.006 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

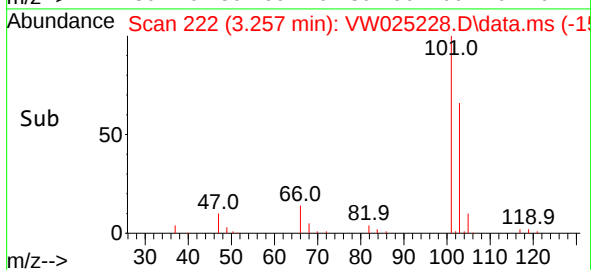
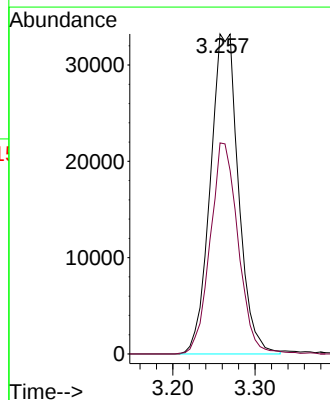
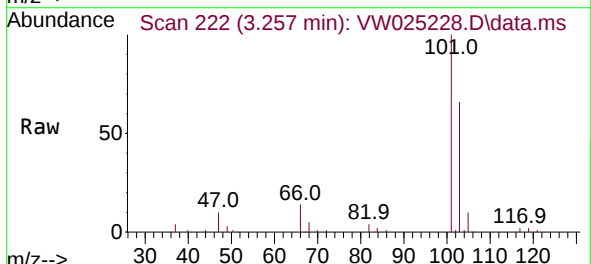
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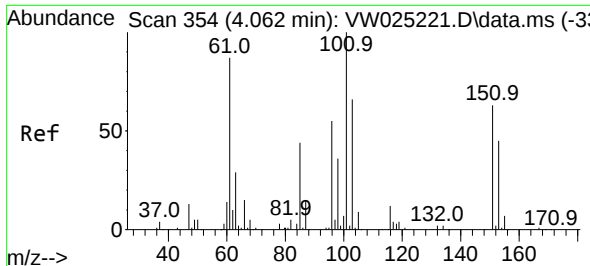
Tgt Ion: 64 Resp: 39546
Ion Ratio Lower Upper
64 100
66 31.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 27.290 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion:101 Resp: 79174
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

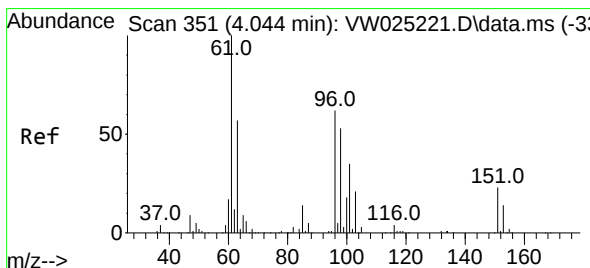
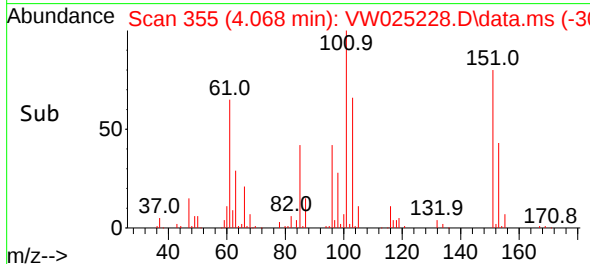
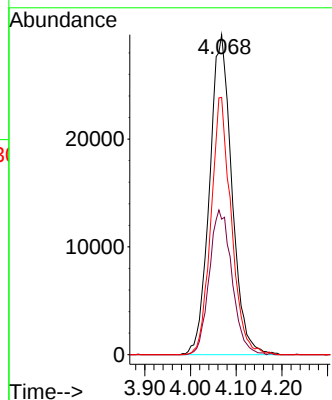
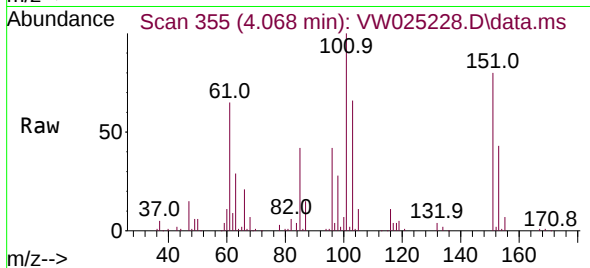




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.880 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW025228.D
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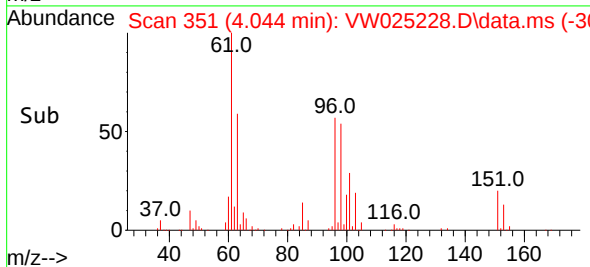
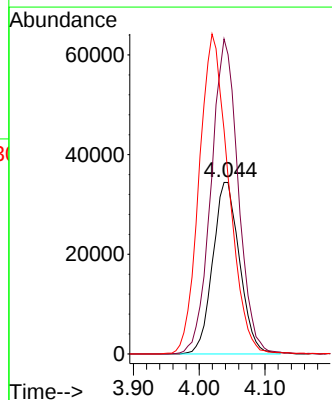
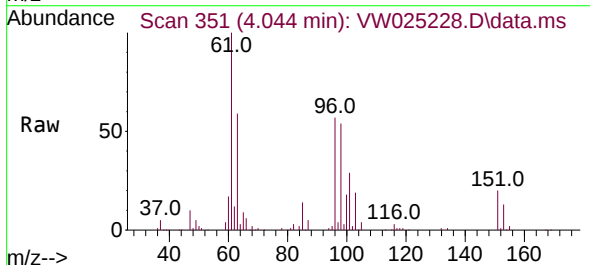
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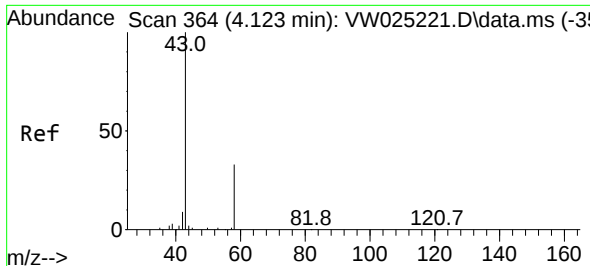
Tgt Ion:101 Resp: 100827
 Ion Ratio Lower Upper
 101 100
 85 45.8 33.8 50.8
 151 72.6 54.6 82.0



#12
 1,1-Dichloroethene
 Concen: 23.980 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW025228.D
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Tgt Ion: 96 Resp: 97648
 Ion Ratio Lower Upper
 96 100
 61 174.4 119.3 221.5
 63 103.4 91.3 169.6

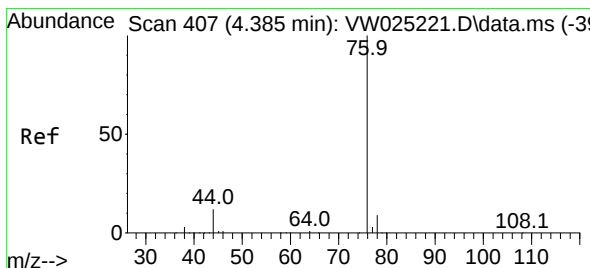
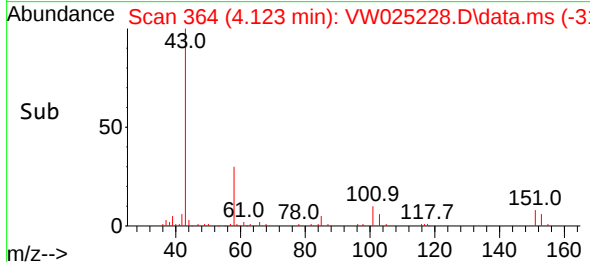
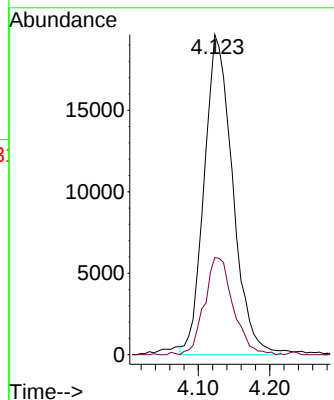
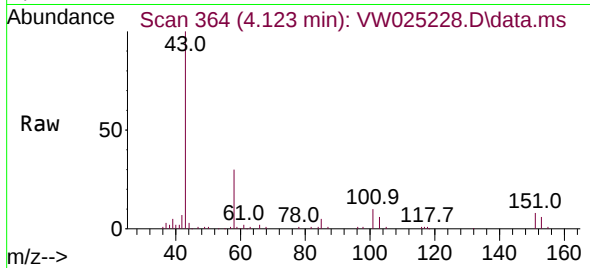




#13
Acetone
Concen: 48.012 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
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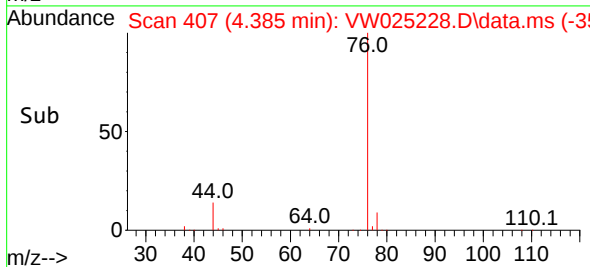
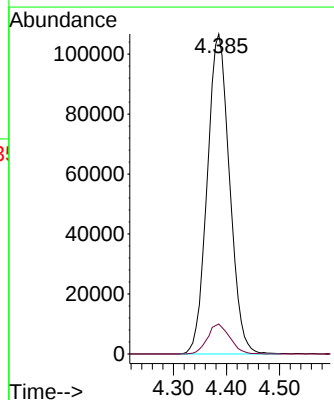
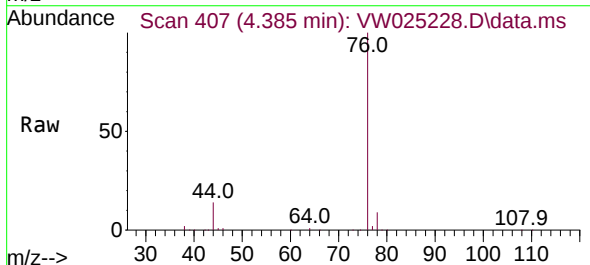
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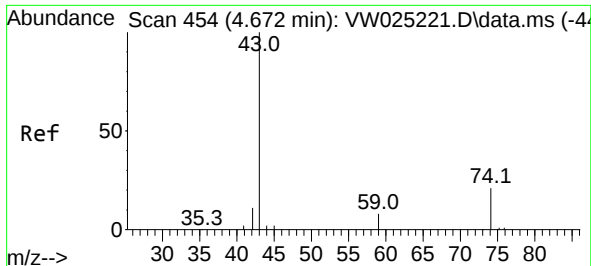
Tgt Ion: 43 Resp: 54264
Ion Ratio Lower Upper
43 100
58 30.6 0.0 66.8



#14
Carbon disulfide
Concen: 23.102 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 311697
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

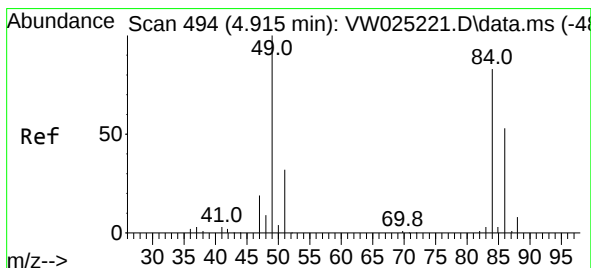
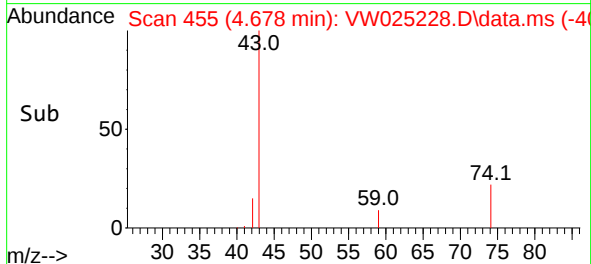
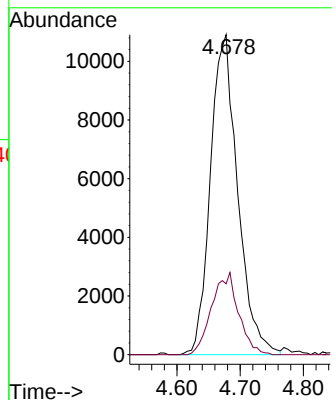
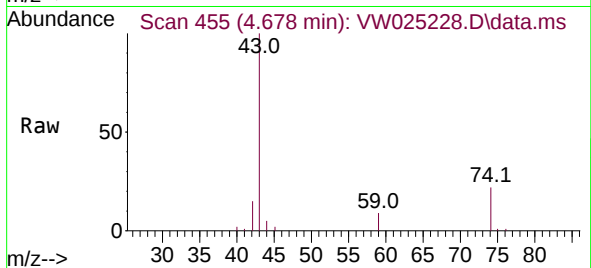




#15
Methyl Acetate
Concen: 20.018 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

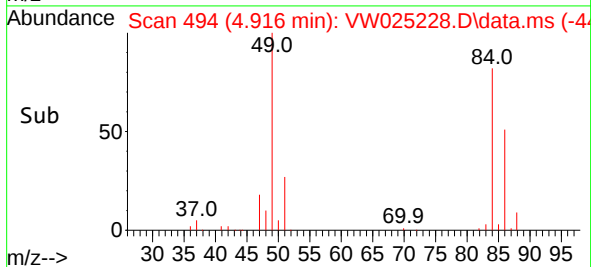
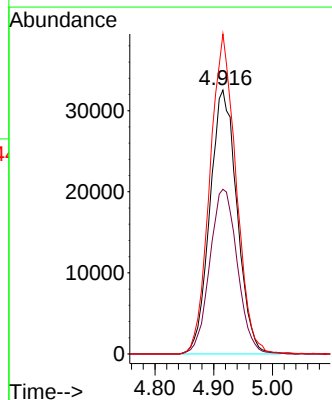
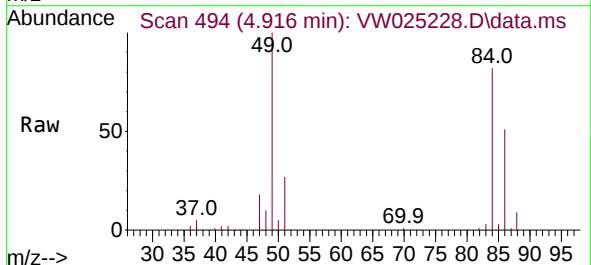
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

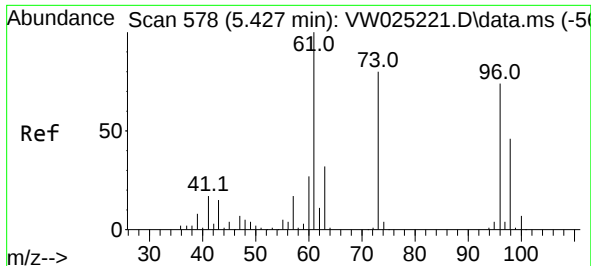
Tgt Ion: 43 Resp: 32689
Ion Ratio Lower Upper
43 100
74 14.8 20.4 30.6#



#16
Methylene chloride
Concen: 20.536 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion: 84 Resp: 104325
Ion Ratio Lower Upper
84 100
86 62.4 43.4 80.6
49 121.3 82.0 152.2





#17

trans-1,2-Dichloroethene

Concen: 23.853 ug/L

RT: 5.422 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

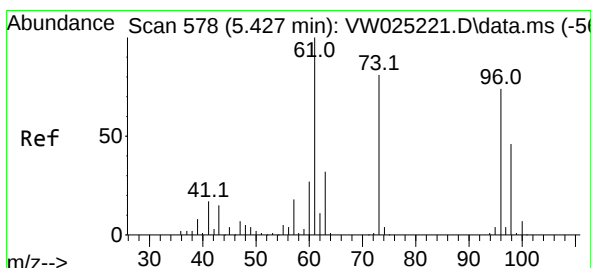
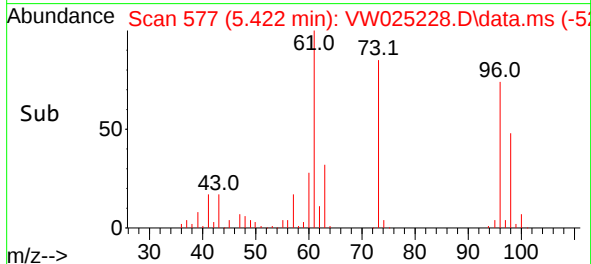
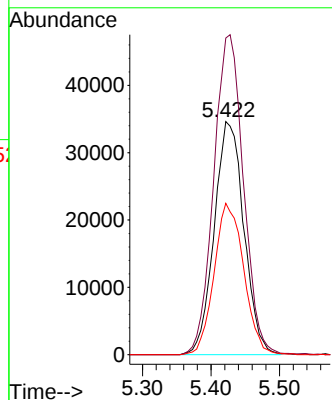
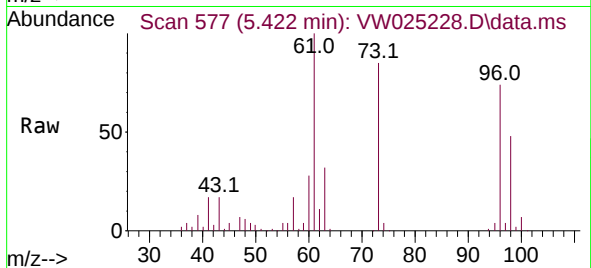
Tgt Ion: 96 Resp: 104038

Ion Ratio Lower Upper

96 100

61 135.8 94.2 175.0

98 64.9 42.8 79.6



#18

Methyl tert-butyl Ether

Concen: 23.760 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

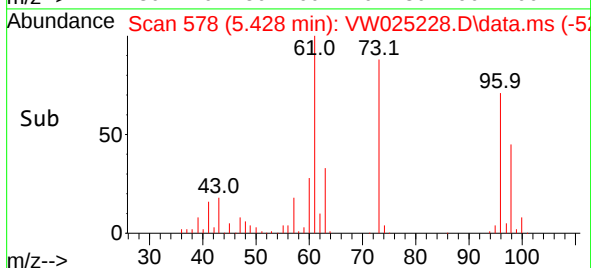
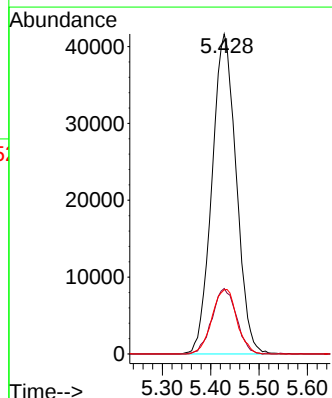
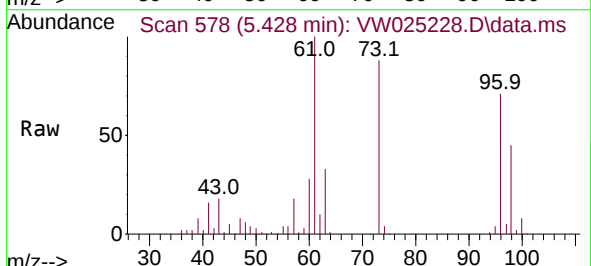
Tgt Ion: 73 Resp: 145261

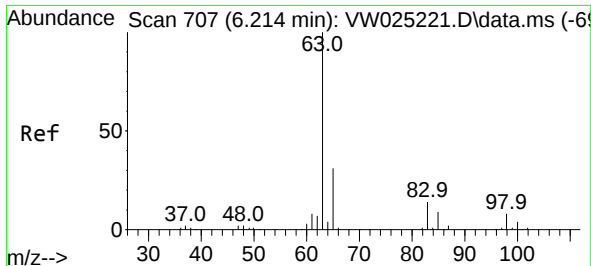
Ion Ratio Lower Upper

73 100

43 20.6 15.2 22.8

57 20.7 17.8 26.6





#19

1,1-Dichloroethane

Concen: 23.680 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

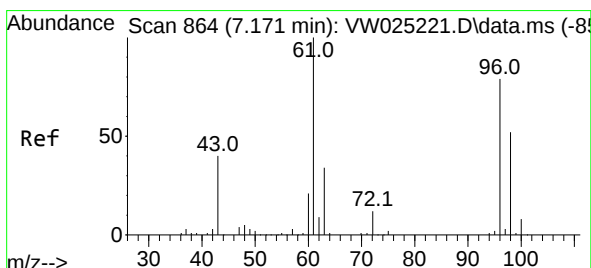
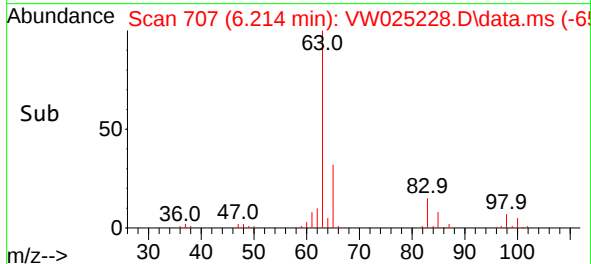
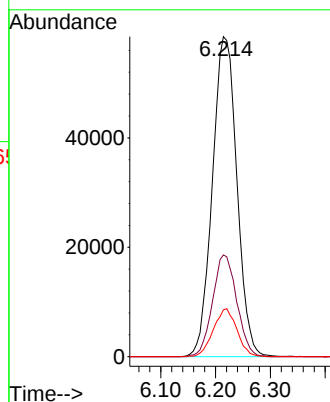
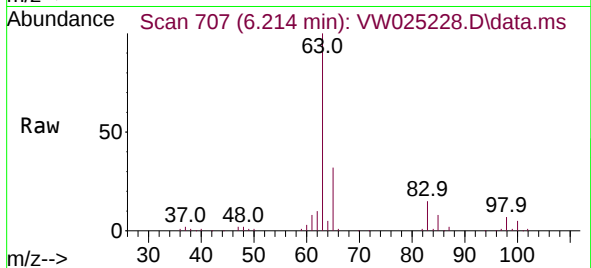
Tgt Ion: 63 Resp: 181691

Ion Ratio Lower Upper

63 100

65 31.8 21.7 40.3

83 14.6 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 23.852 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

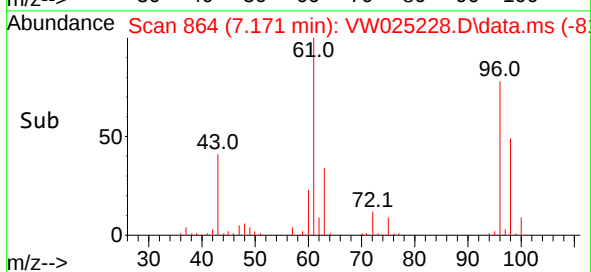
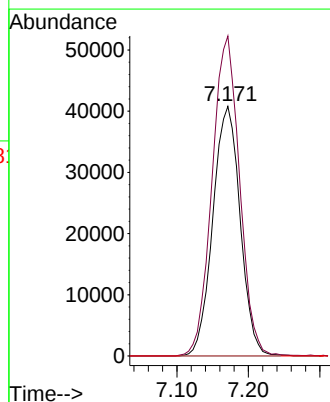
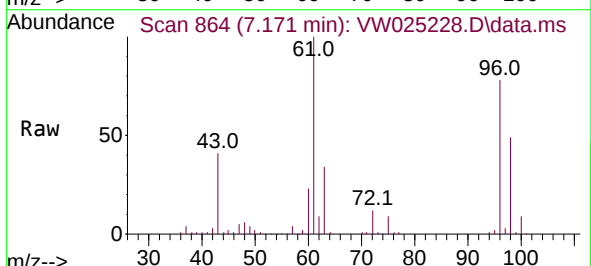
Tgt Ion: 96 Resp: 108128

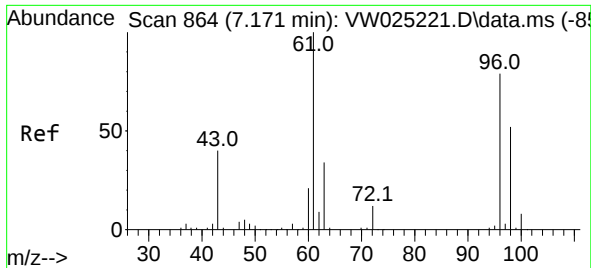
Ion Ratio Lower Upper

96 100

61 128.2 86.0 159.8

68 0.0 0.0 0.0

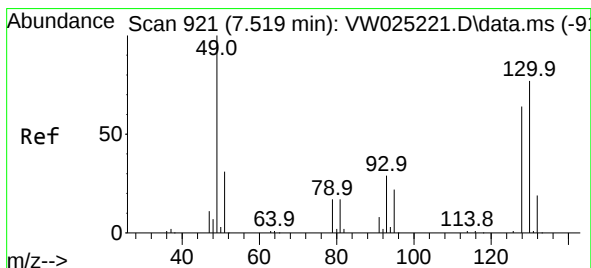
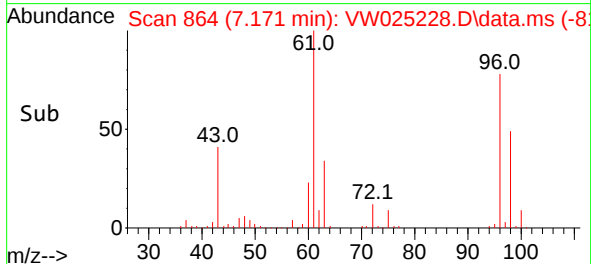
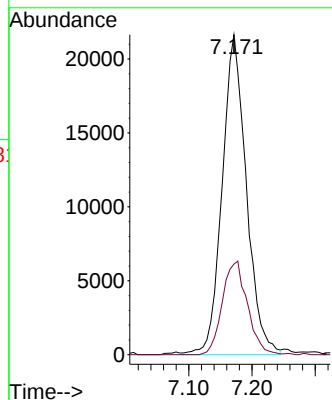
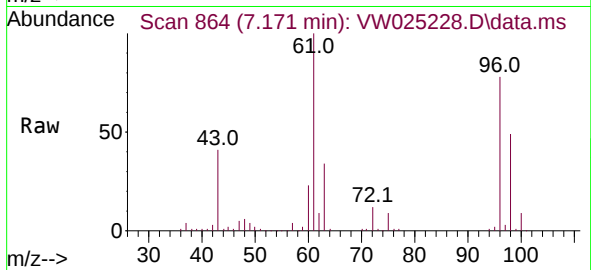




#22
2-Butanone
Concen: 45.773 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

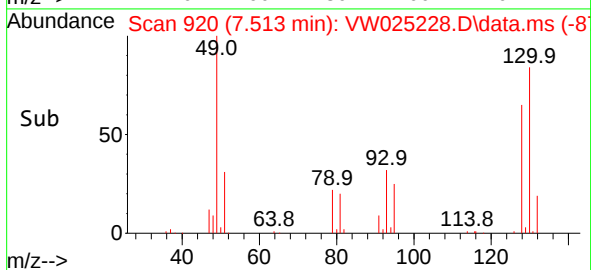
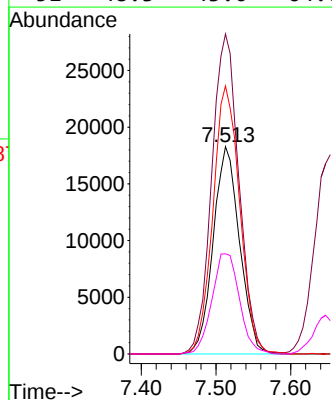
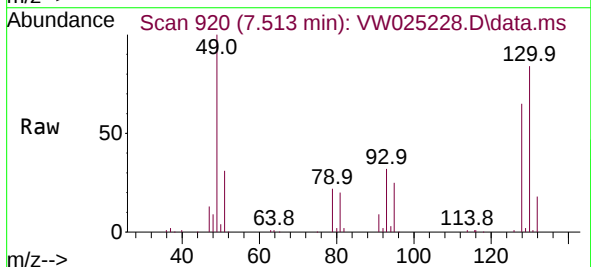
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

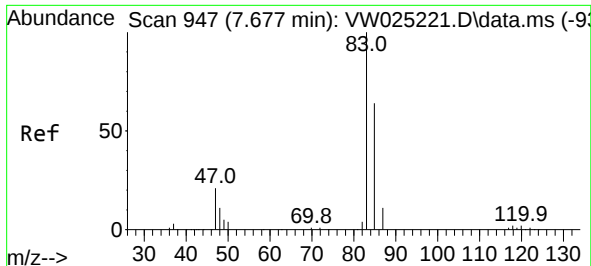
Tgt Ion: 43 Resp: 57484
Ion Ratio Lower Upper
43 100
72 30.1 14.7 44.1



#23
Bromochloromethane
Concen: 23.726 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion: 128 Resp: 44894
Ion Ratio Lower Upper
128 100
49 154.3 122.1 226.7
130 129.2 94.0 174.6
51 48.3 43.0 64.6

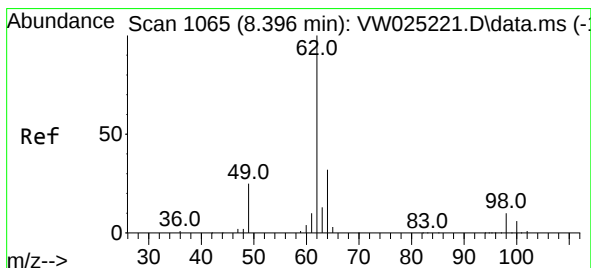
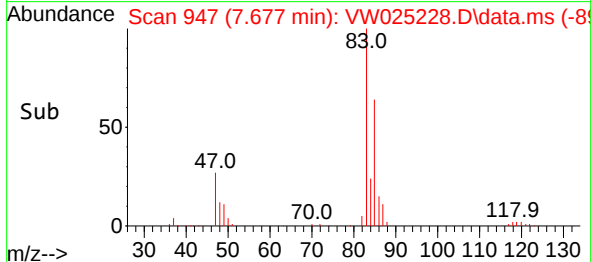
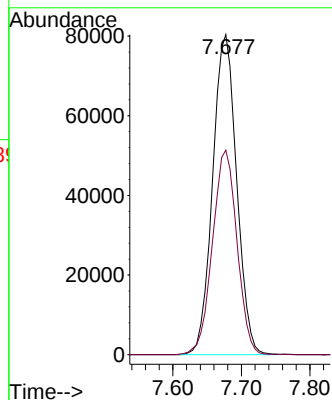
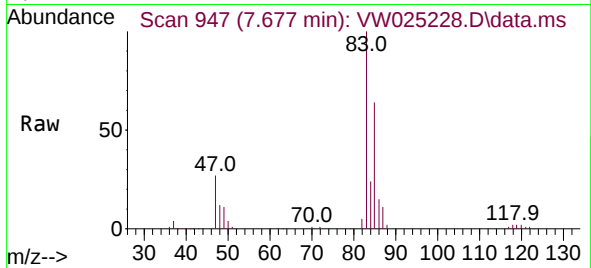




#25
Chloroform
Concen: 25.930 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

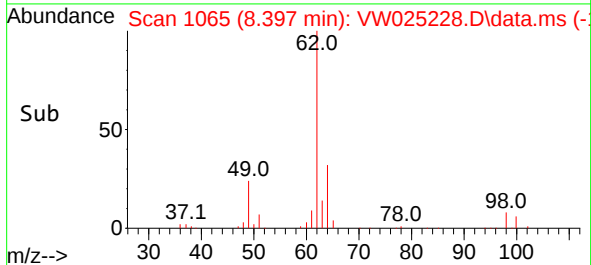
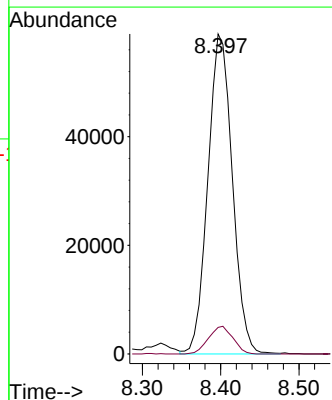
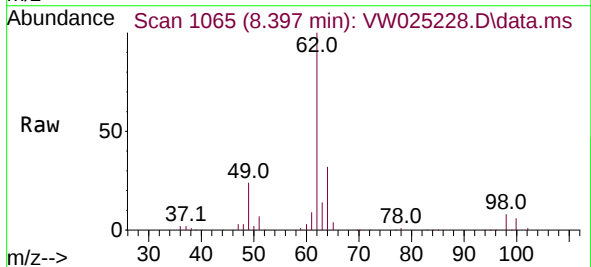
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

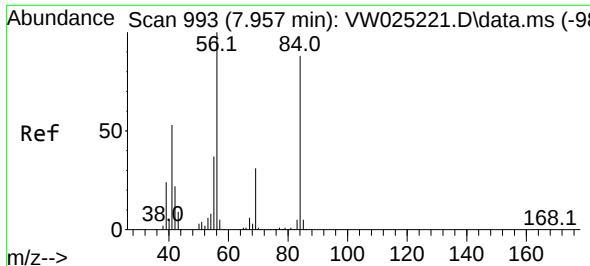
Tgt Ion: 83 Resp: 195614
Ion Ratio Lower Upper
83 100
85 63.9 45.8 85.2



#27
1,2-Dichloroethane
Concen: 27.381 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion: 62 Resp: 127838
Ion Ratio Lower Upper
62 100
98 8.3 7.5 11.3





#29

Cyclohexane

Concen: 22.294 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

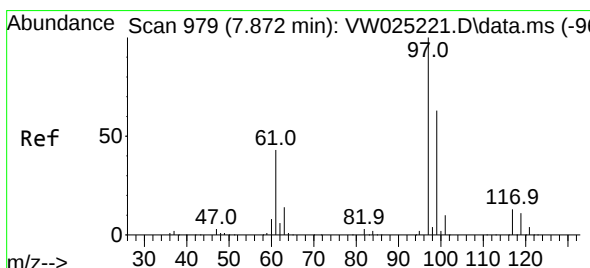
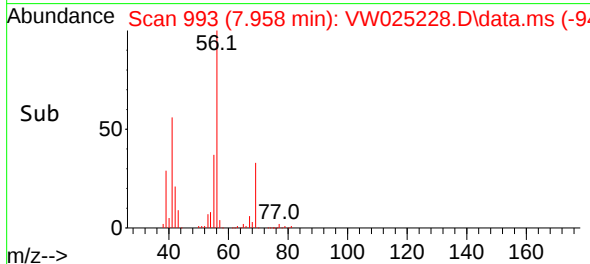
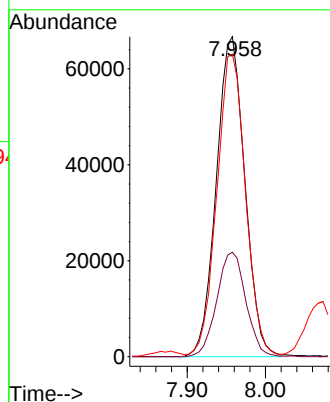
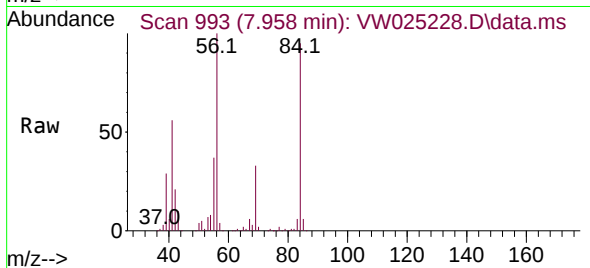
Tgt Ion: 56 Resp: 169117

Ion Ratio Lower Upper

56 100

69 33.1 25.1 37.7

84 95.0 71.0 106.4



#30

1,1,1-Trichloroethane

Concen: 27.153 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

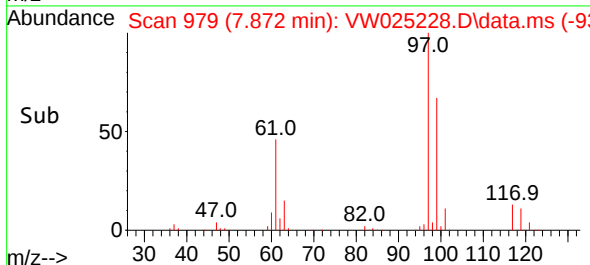
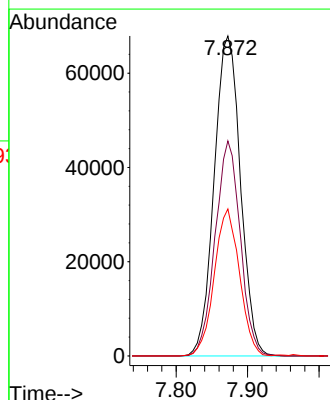
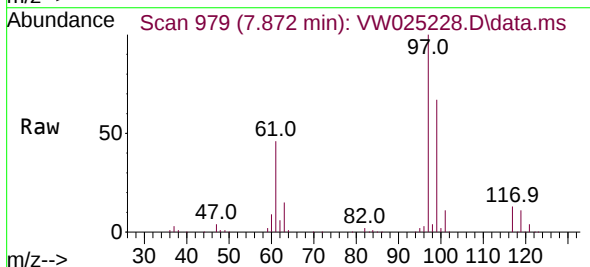
Tgt Ion: 97 Resp: 173553

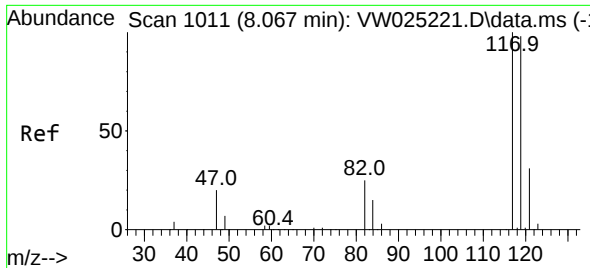
Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 44.1 35.6 53.4

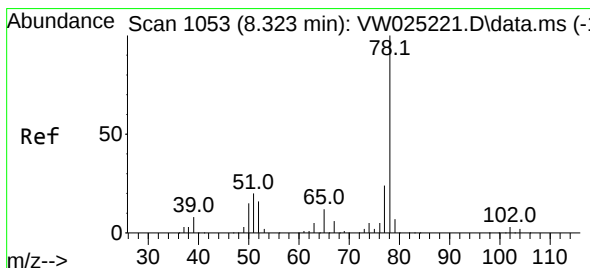
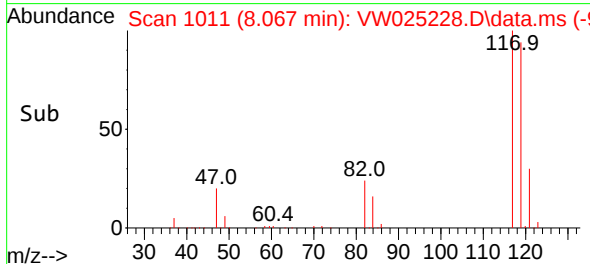
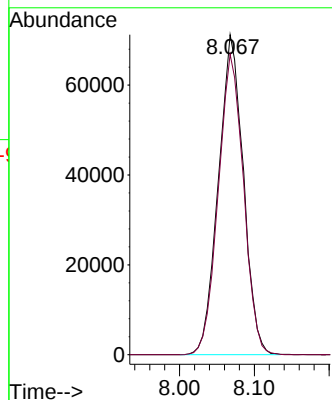
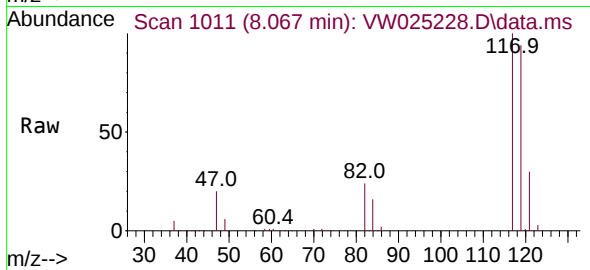




#31
Carbon tetrachloride
Concen: 28.361 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

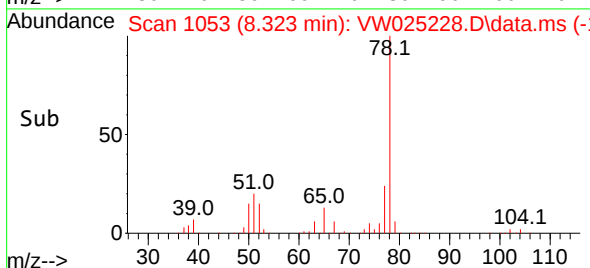
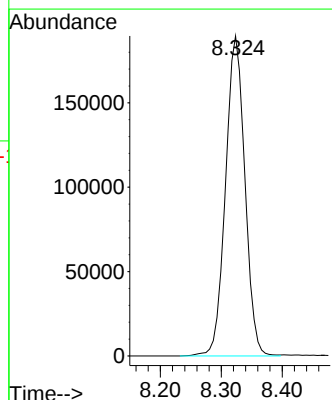
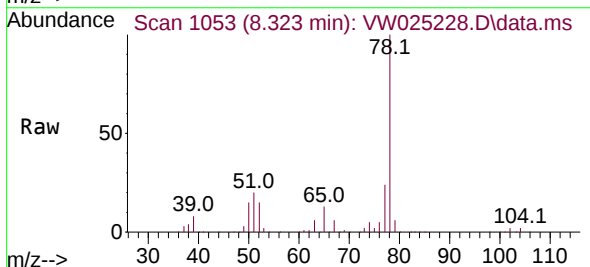
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

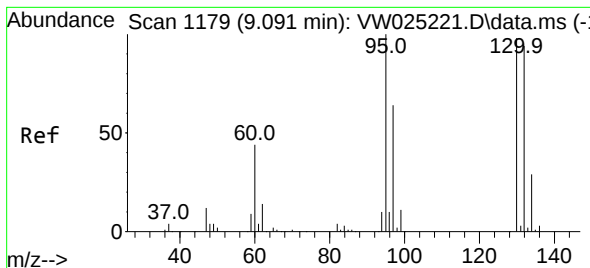
Tgt Ion:117 Resp: 165090
Ion Ratio Lower Upper
117 100
119 94.8 76.3 114.5



#33
Benzene
Concen: 24.064 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion: 78 Resp: 418664





#34

Trichloroethene

Concen: 24.634 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

Tgt Ion: 95 Resp: 111767

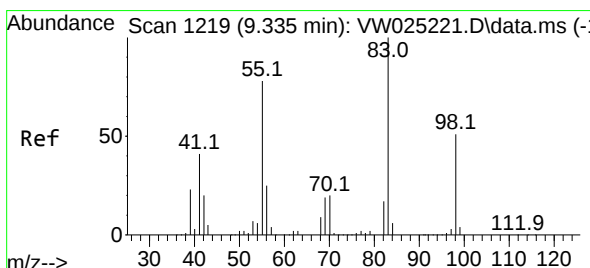
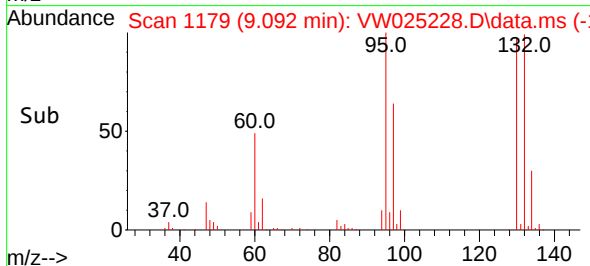
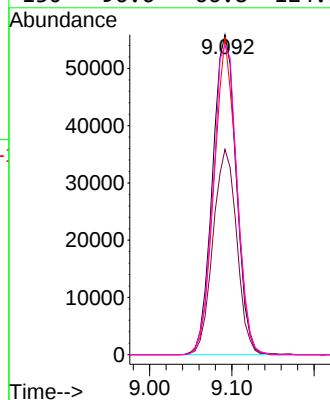
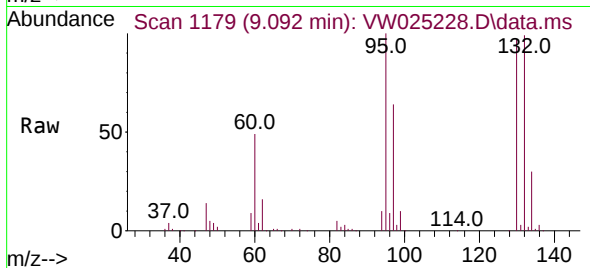
Ion Ratio Lower Upper

95 100

97 64.2 44.4 82.4

132 99.1 64.5 119.7

130 96.6 66.8 124.0



#35

Methylcyclohexane

Concen: 24.159 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

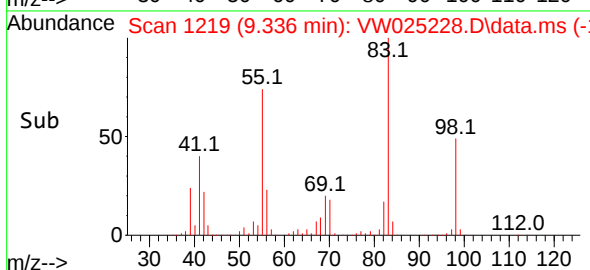
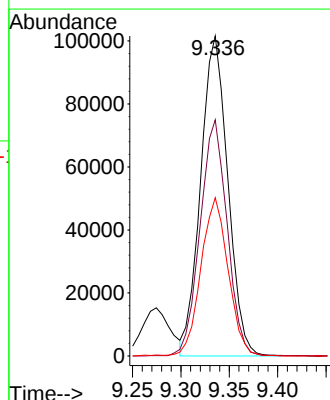
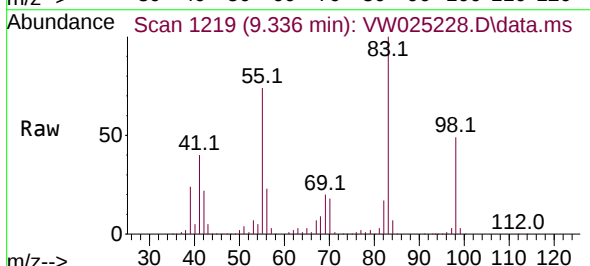
Tgt Ion: 83 Resp: 198905

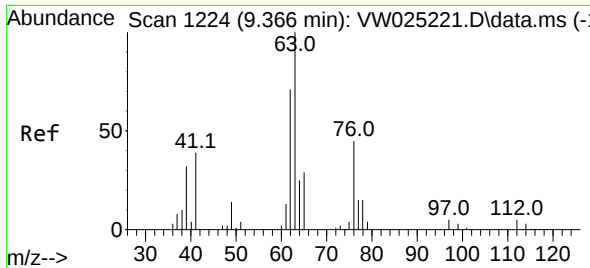
Ion Ratio Lower Upper

83 100

55 73.0 61.0 91.4

98 49.5 38.6 58.0

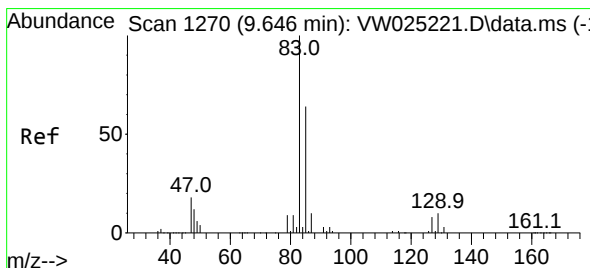
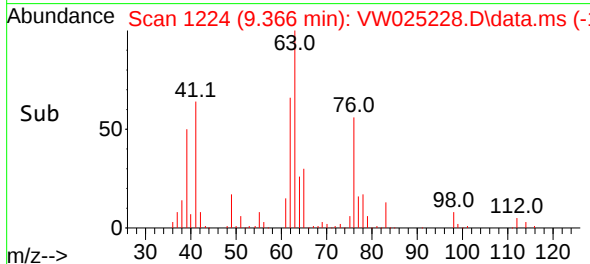
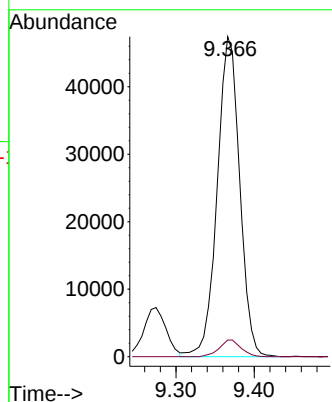
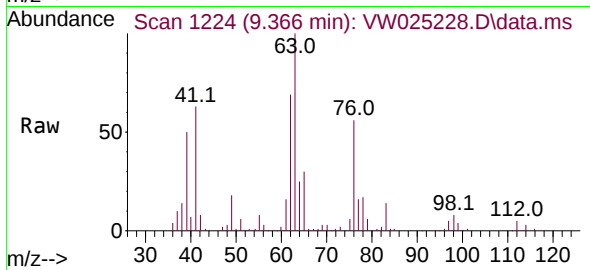




#37
1,2-Dichloropropane
Concen: 22.136 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

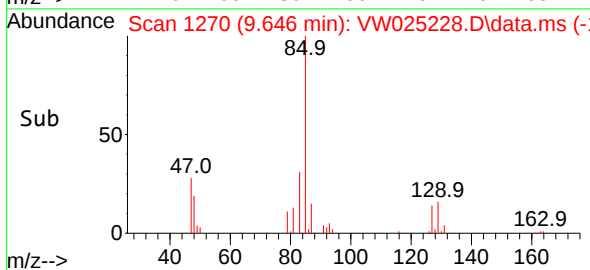
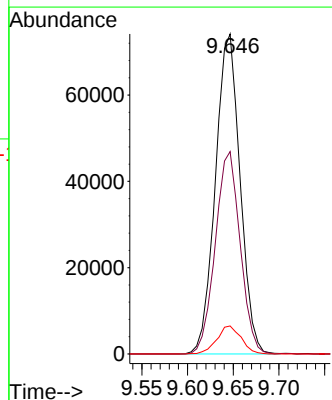
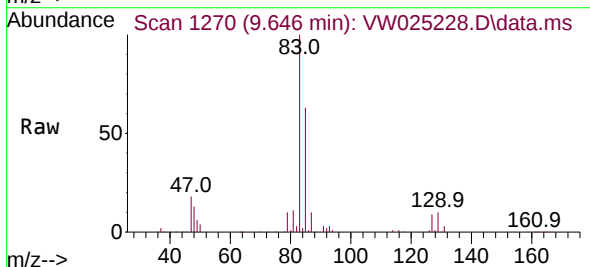
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

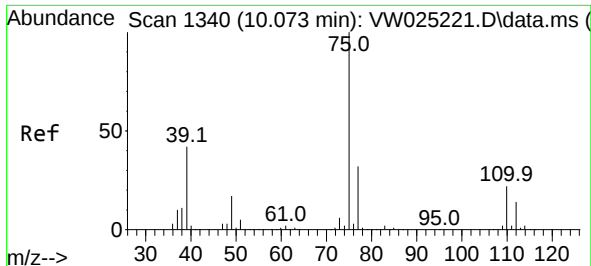
Tgt Ion: 63 Resp: 94698
Ion Ratio Lower Upper
63 100
112 5.0 3.7 5.5



#38
Bromodichloromethane
Concen: 26.054 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion: 83 Resp: 139334
Ion Ratio Lower Upper
83 100
85 63.2 43.4 80.6
127 8.7 6.6 10.0

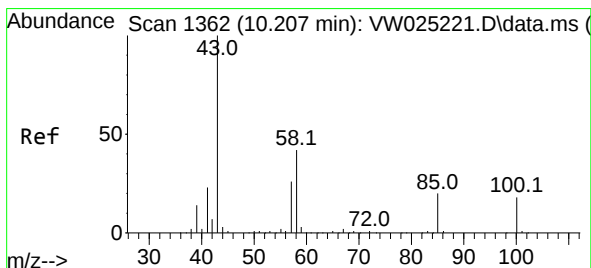
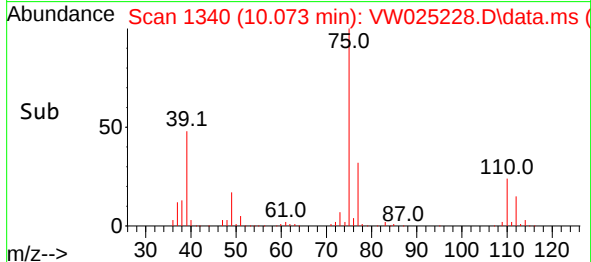
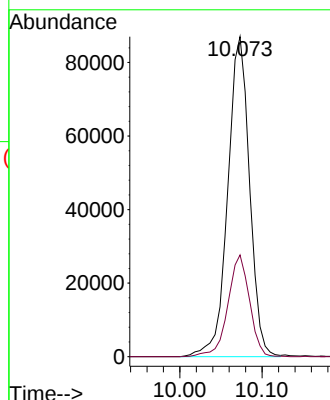
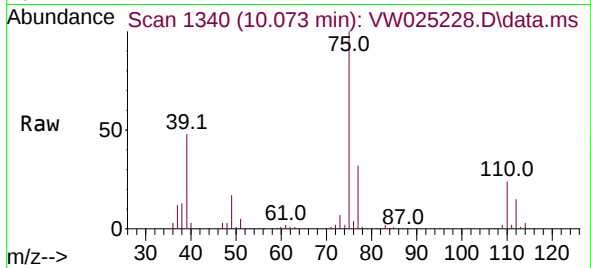




#39
cis-1,3-Dichloropropene
Concen: 24.531 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

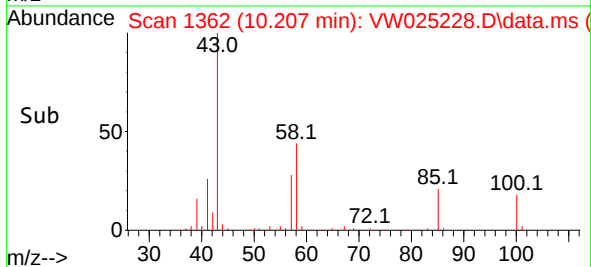
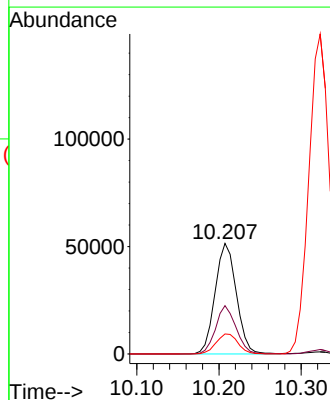
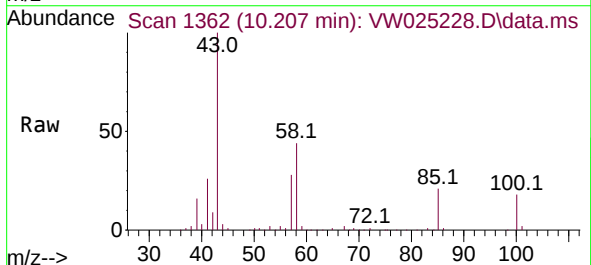
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

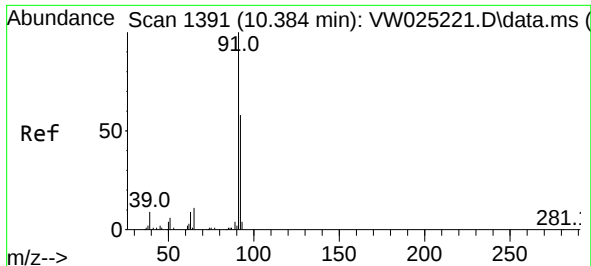
Tgt Ion: 75 Resp: 160086
Ion Ratio Lower Upper
75 100
77 31.8 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 41.467 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion: 43 Resp: 92581
Ion Ratio Lower Upper
43 100
58 41.9 33.0 49.6
100 18.6 13.4 20.2

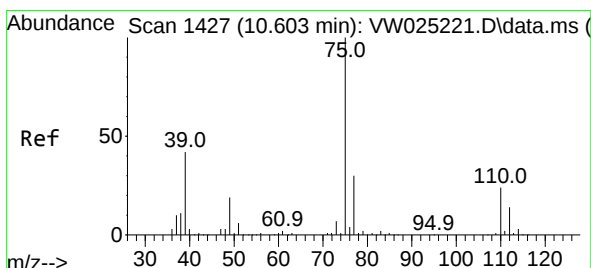
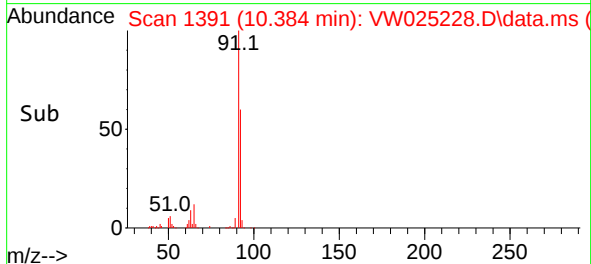
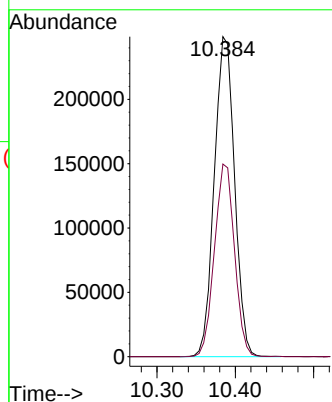
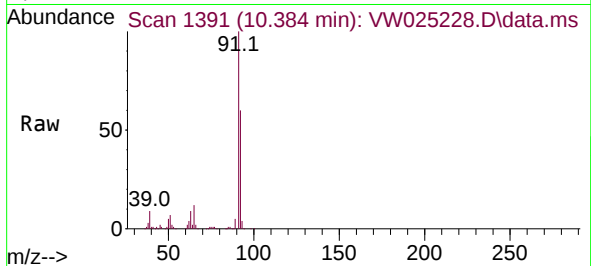




#42
Toluene
Concen: 24.492 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

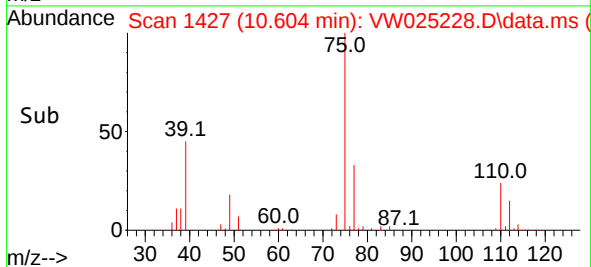
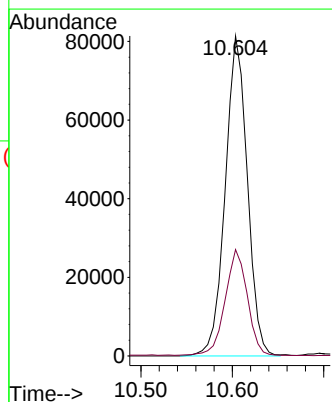
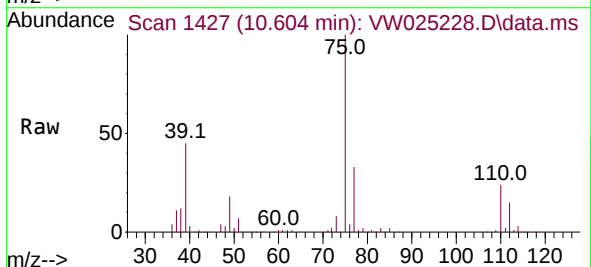
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

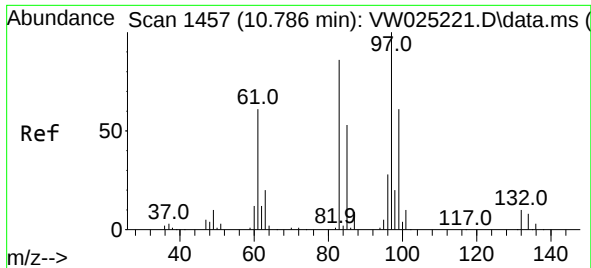
Tgt Ion: 91 Resp: 448184
Ion Ratio Lower Upper
91 100
92 60.2 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 24.517 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion: 75 Resp: 136873
Ion Ratio Lower Upper
75 100
77 33.3 21.3 39.6



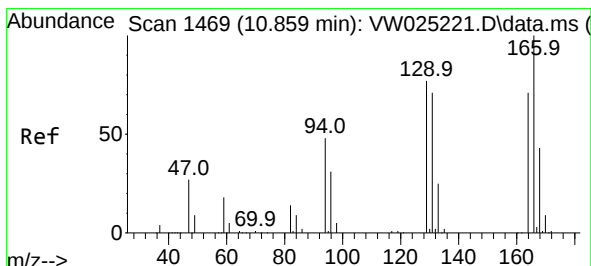
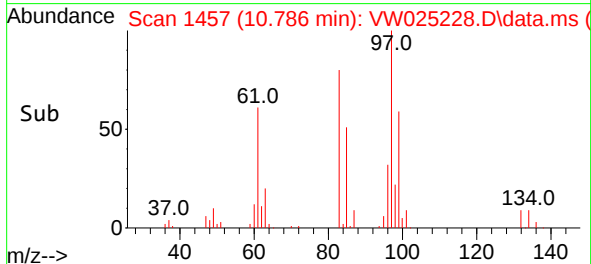
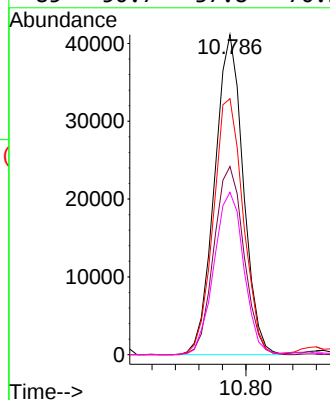
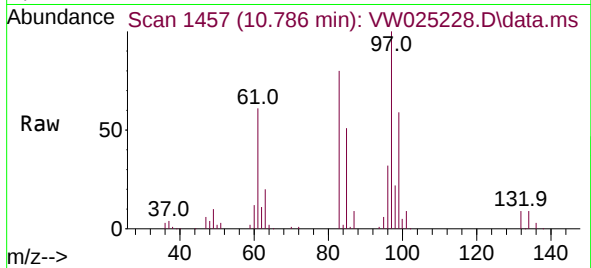


#45
1,1,2-Trichloroethane
Concen: 23.493 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

Tgt Ion: 97 Resp: 69714

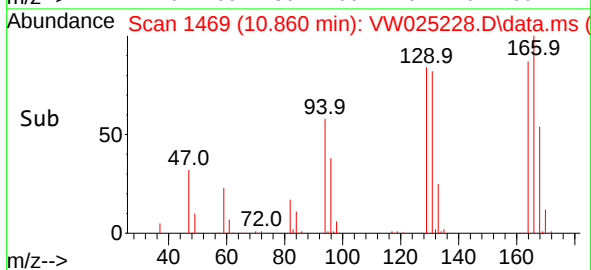
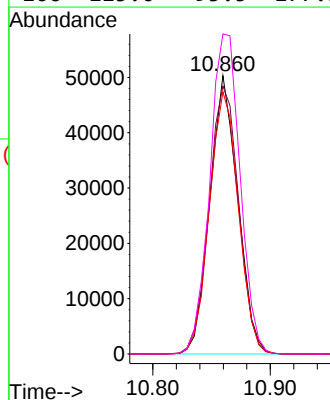
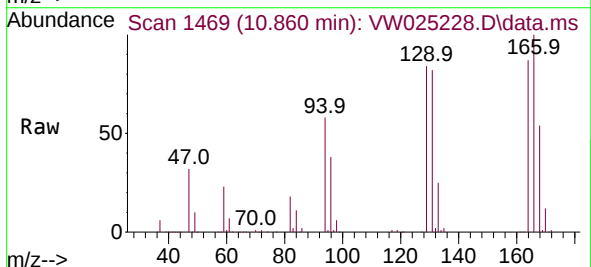
Ion	Ratio	Lower	Upper
97	100		
99	58.8	41.1	76.3
83	80.0	58.6	108.8
85	50.7	37.8	70.2

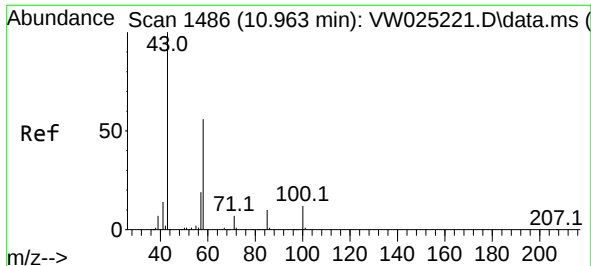


#46
Tetrachloroethene
Concen: 24.992 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion: 164 Resp: 83310

Ion	Ratio	Lower	Upper
164	100		
129	96.2	72.8	135.2
131	94.2	72.2	134.2
166	115.0	95.5	177.3

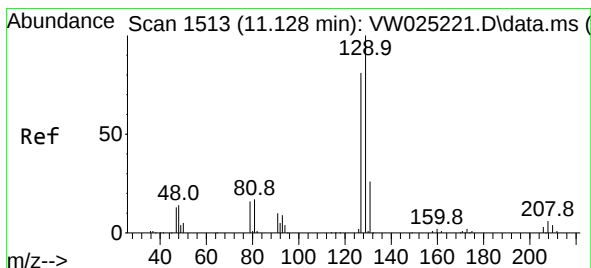
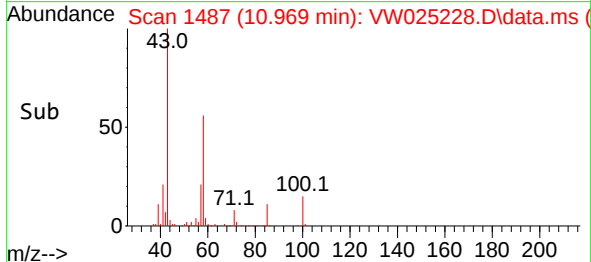
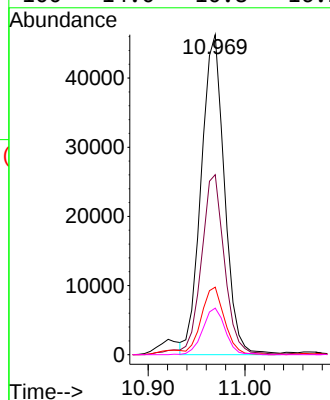
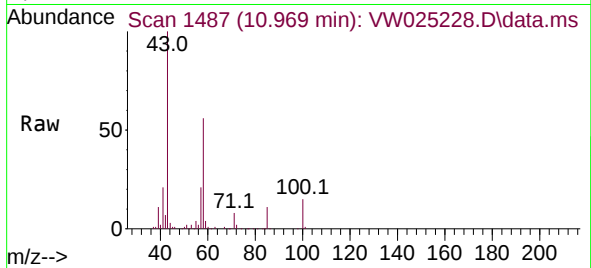




#48
2-Hexanone
Concen: 45.262 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

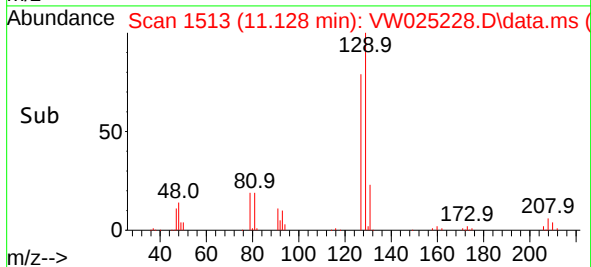
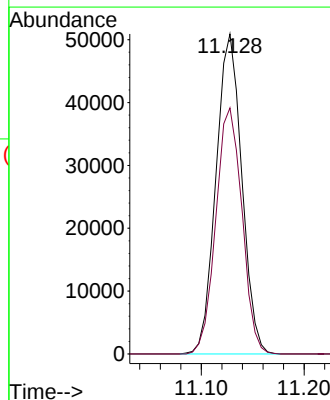
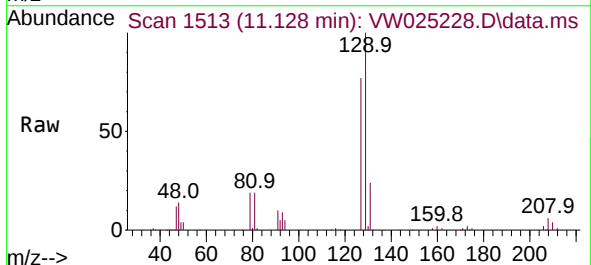
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

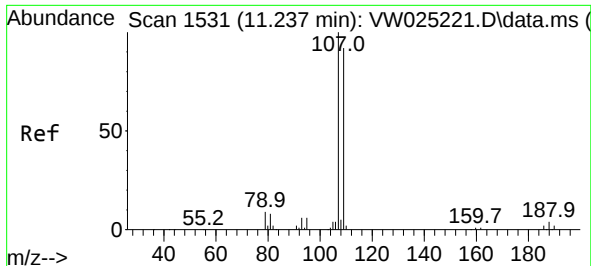
Tgt Ion: 43	Resp:	77500	
Ion	Ratio	Lower	Upper
43	100		
58	54.8	45.8	68.6
57	20.8	16.2	24.4
100	14.0	10.8	16.2



#49
Dibromochloromethane
Concen: 25.622 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion:129	Resp:	88734	
Ion	Ratio	Lower	Upper
129	100		
127	76.9	50.4	93.6





#50

1,2-Dibromoethane

Concen: 23.507 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

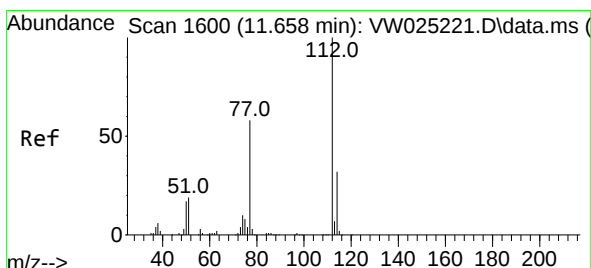
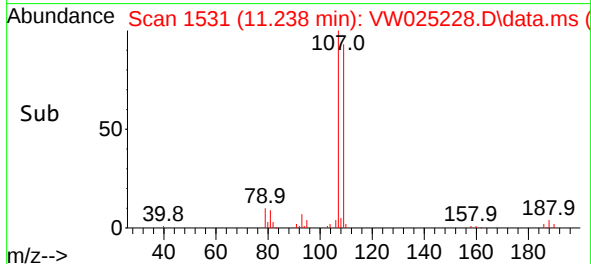
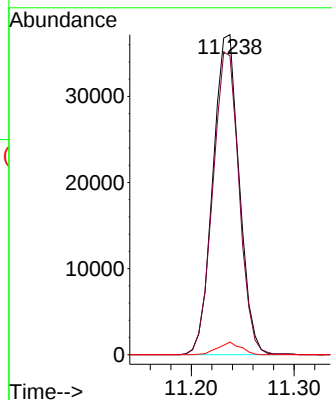
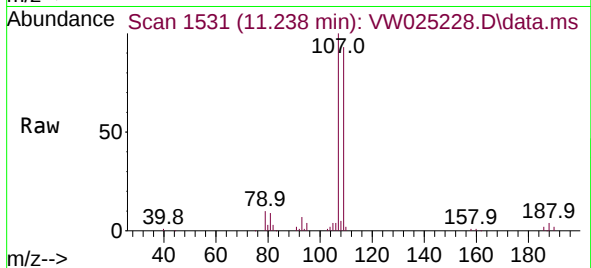
Tgt Ion:107 Resp: 65991

Ion Ratio Lower Upper

107 100

109 93.4 68.2 126.6

188 4.0 3.1 4.7



#51

Chlorobenzene

Concen: 24.752 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

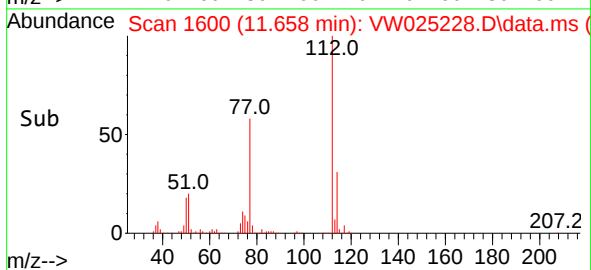
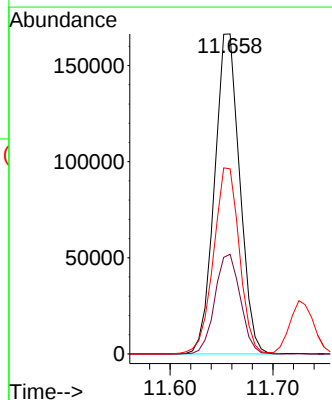
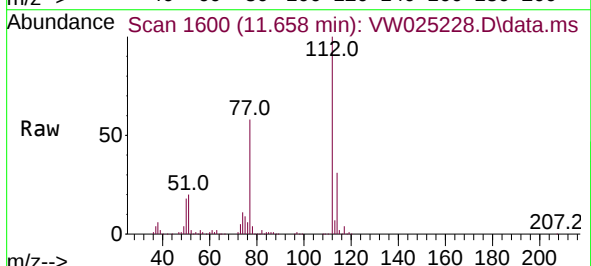
Tgt Ion:112 Resp: 282890

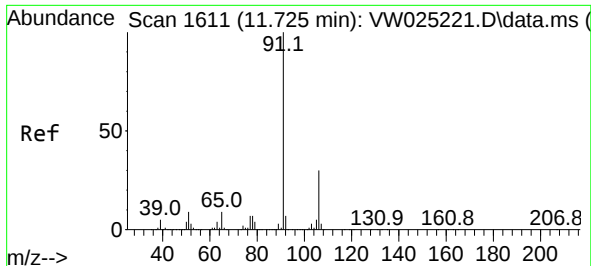
Ion Ratio Lower Upper

112 100

114 31.1 21.1 39.1

77 57.8 46.6 69.8





#52

Ethylbenzene

Concen: 24.759 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

Instrument :

MSVOA_W

ClientSampleId :

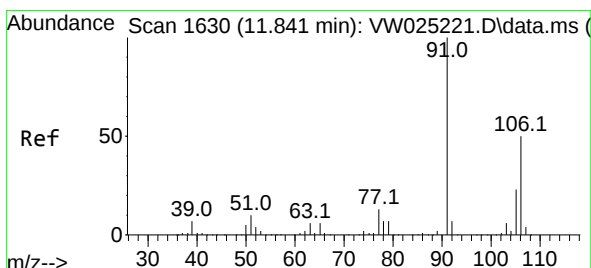
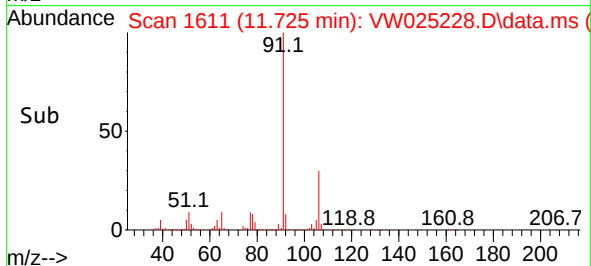
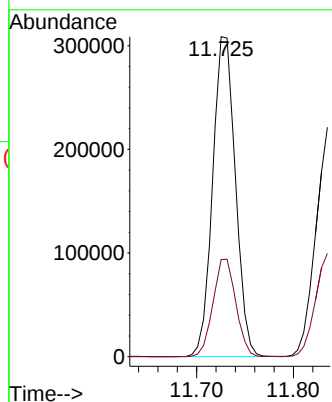
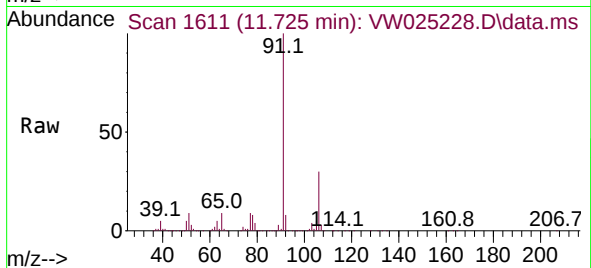
VSTD025522

Tgt Ion: 91 Resp: 504902

Ion Ratio Lower Upper

91 100

106 30.3 22.1 41.1



#53

m,p-Xylene

Concen: 24.633 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW025228.D

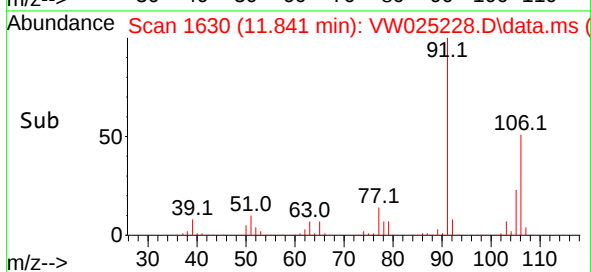
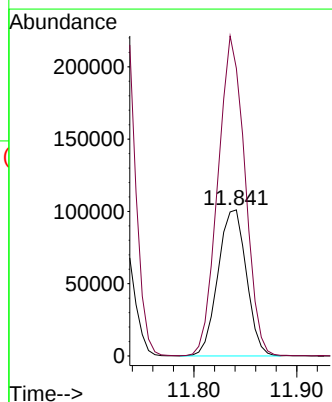
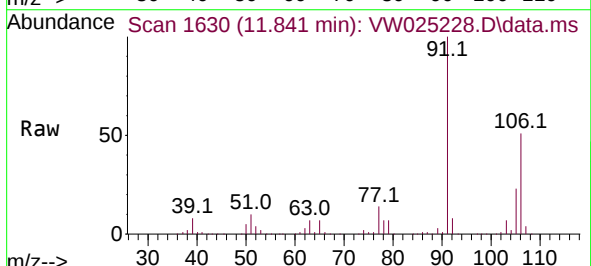
Acq: 17 Jan 2023 11:51

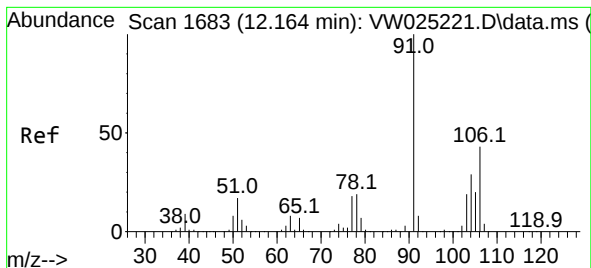
Tgt Ion:106 Resp: 194129

Ion Ratio Lower Upper

106 100

91 197.0 138.5 257.3

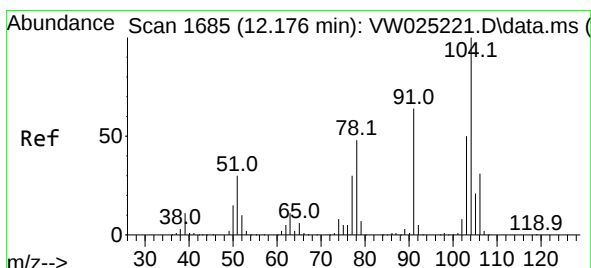
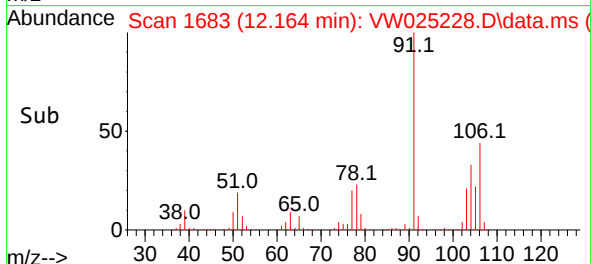
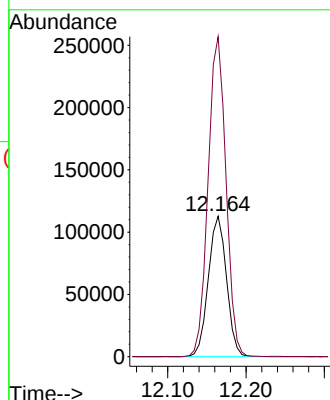
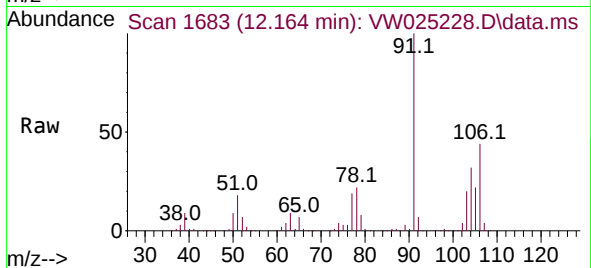




#54
o-Xylene
Concen: 25.024 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

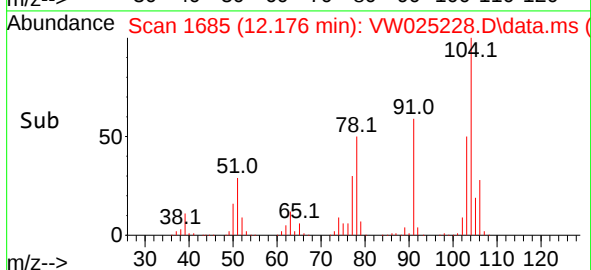
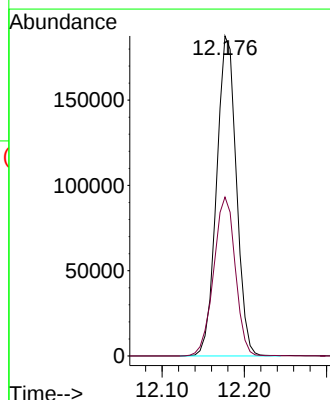
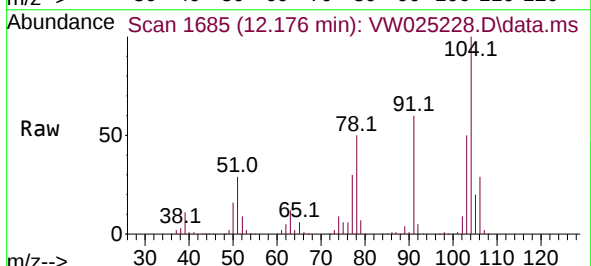
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

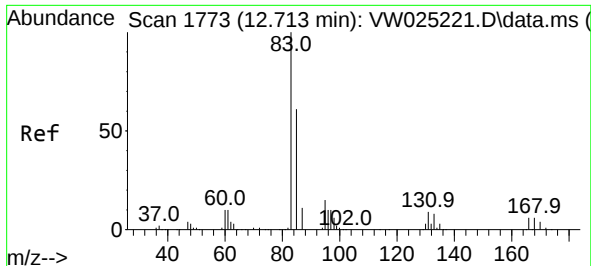
Tgt Ion:106 Resp: 181503
Ion Ratio Lower Upper
106 100
91 227.7 155.3 288.5



#55
Styrene
Concen: 25.400 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion:104 Resp: 313094
Ion Ratio Lower Upper
104 100
78 49.7 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 23.099 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

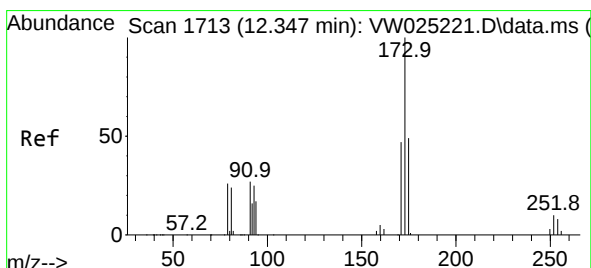
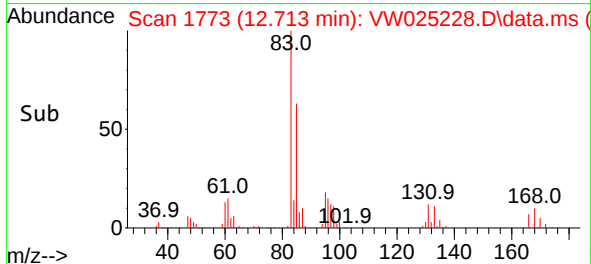
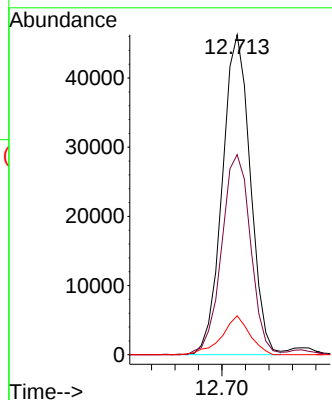
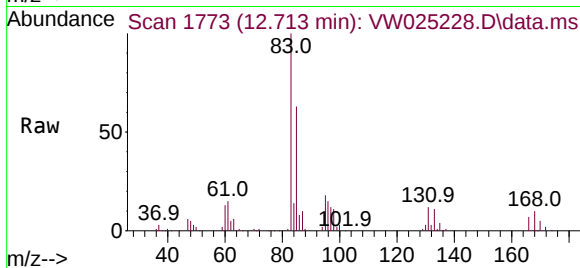
Tgt Ion: 83 Resp: 76436

Ion Ratio Lower Upper

83 100

85 62.5 44.8 83.2

131 12.1 7.4 11.0#



#59

Bromoform

Concen: 24.538 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

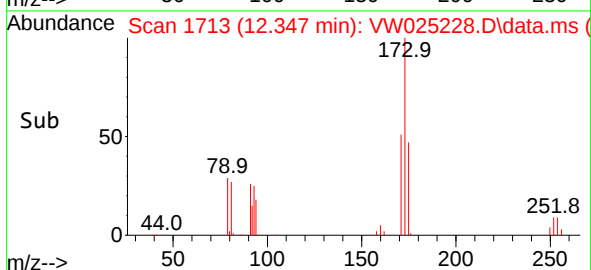
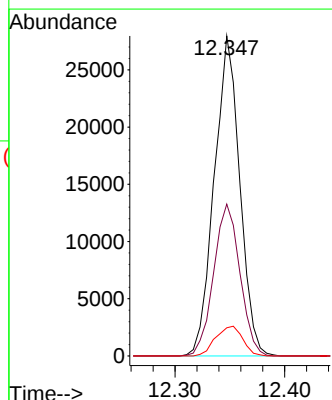
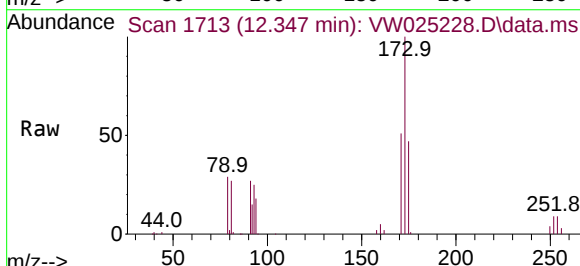
Tgt Ion: 173 Resp: 45196

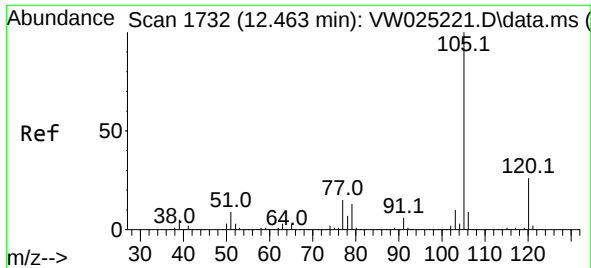
Ion Ratio Lower Upper

173 100

175 48.9 40.7 61.1

254 9.9 6.7 10.1

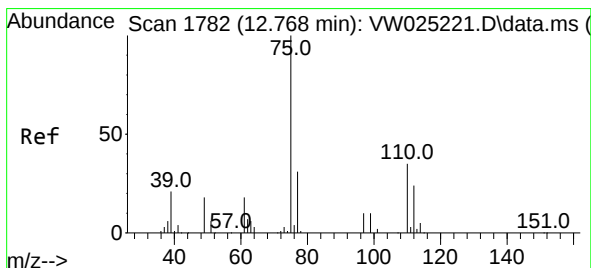
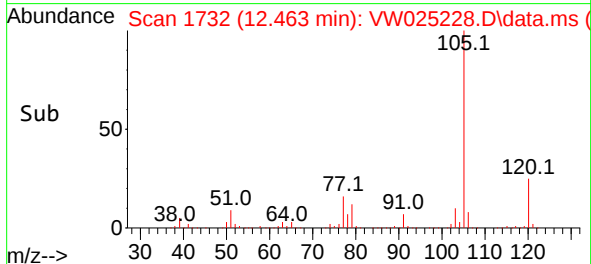
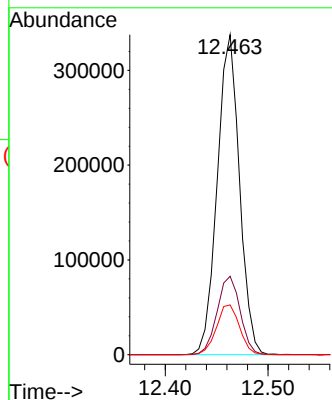
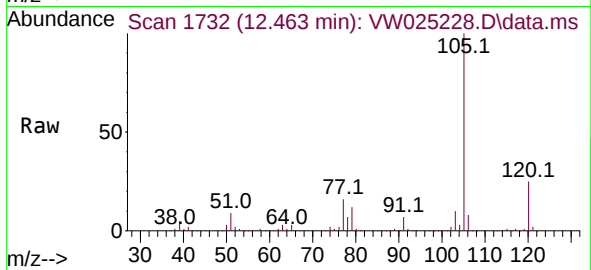




#60
Isopropylbenzene
Concen: 24.070 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

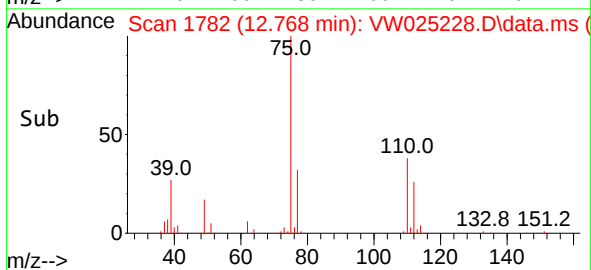
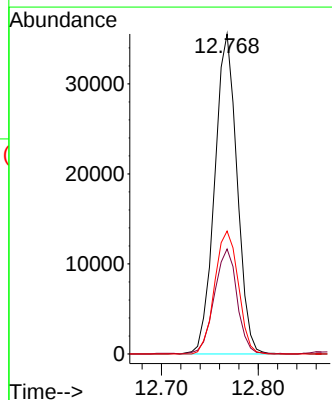
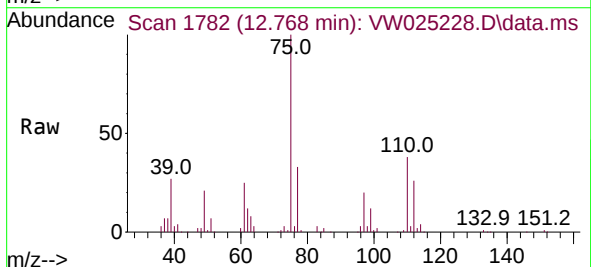
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

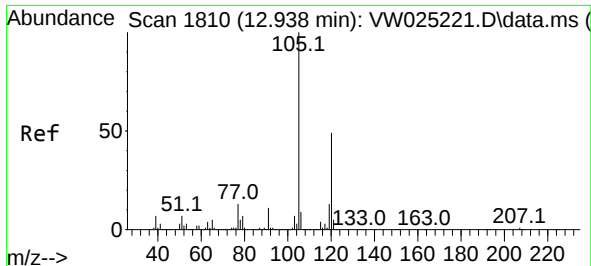
Tgt Ion:105 Resp: 506462
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 16.3 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 21.941 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion: 75 Resp: 57158
Ion Ratio Lower Upper
75 100
77 33.3 25.7 38.5
110 40.4 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 25.091 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

Instrument :

MSVOA_W

ClientSampleId :

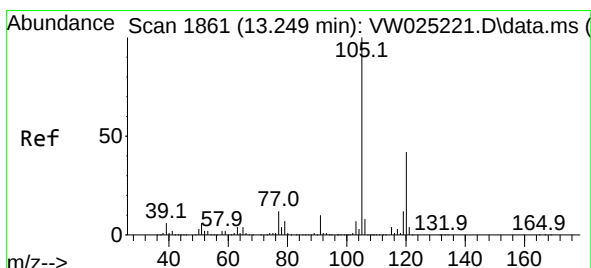
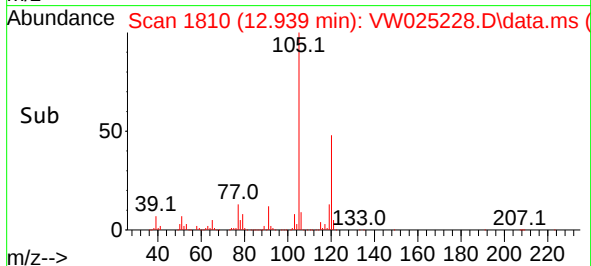
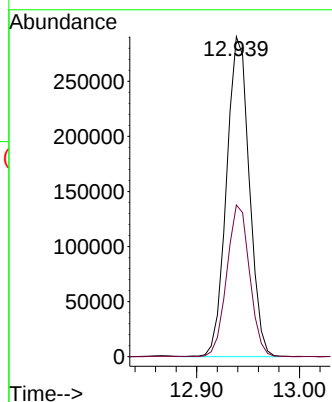
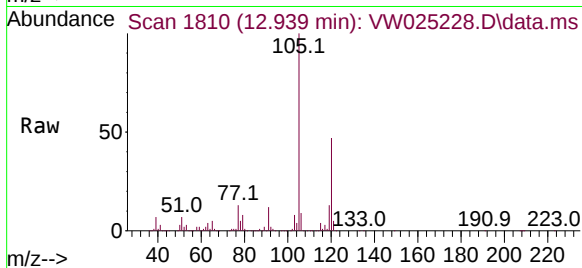
VSTD025522

Tgt Ion:105 Resp: 447610

Ion Ratio Lower Upper

105 100

120 47.5 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 24.490 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW025228.D

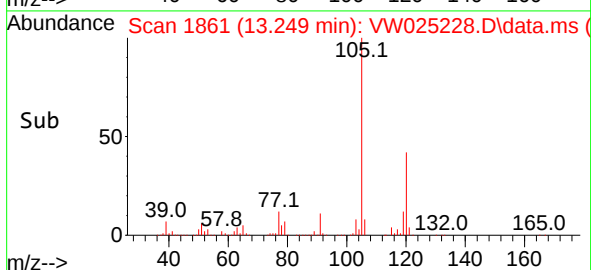
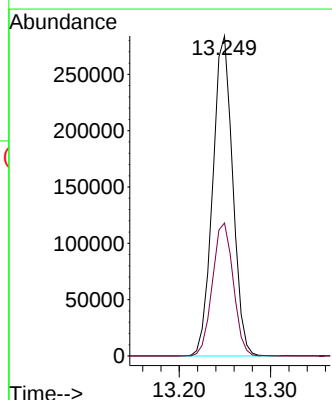
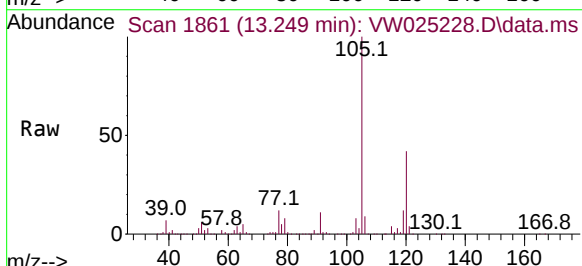
Acq: 17 Jan 2023 11:51

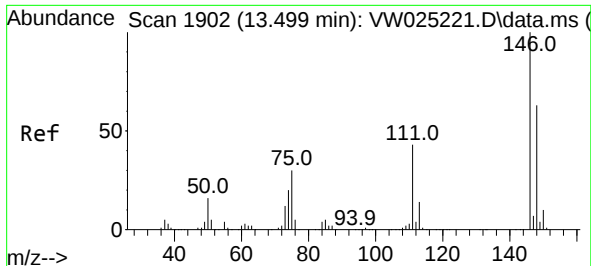
Tgt Ion:105 Resp: 430976

Ion Ratio Lower Upper

105 100

120 43.1 35.1 52.7

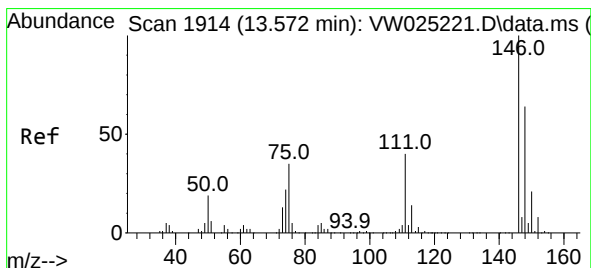
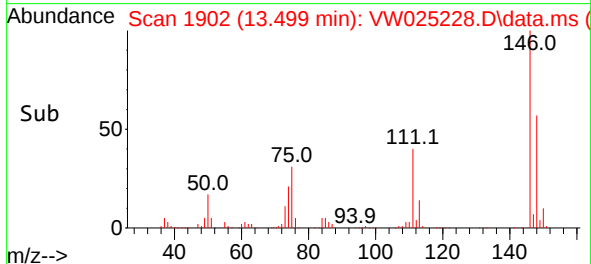
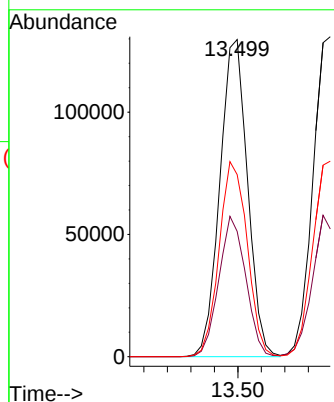
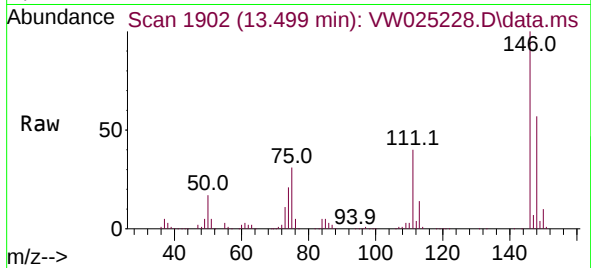




#64
1,3-Dichlorobenzene
Concen: 24.698 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

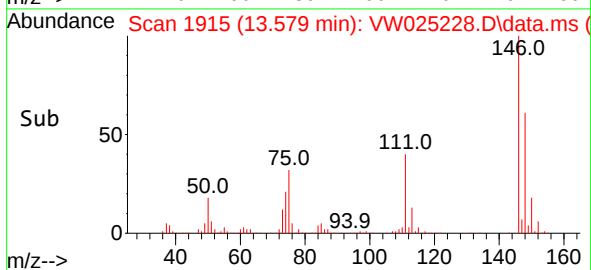
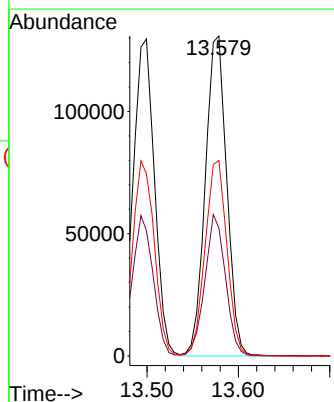
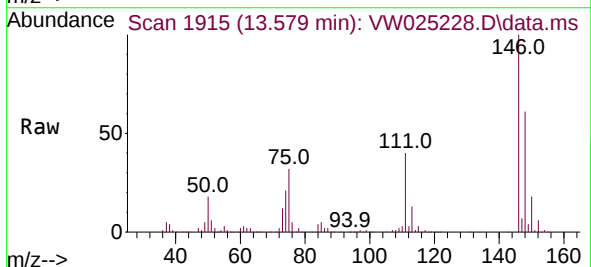
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

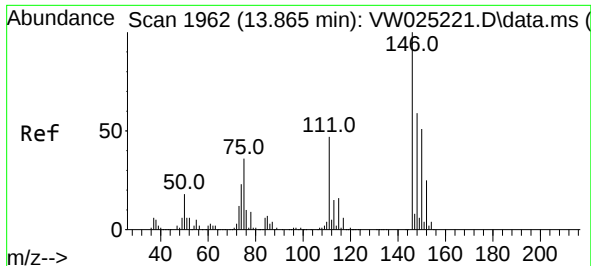
Tgt Ion:146 Resp: 212410
Ion Ratio Lower Upper
146 100
111 39.5 28.3 52.7
148 57.4 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 25.010 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW025228.D
Acq: 17 Jan 2023 11:51

Tgt Ion:146 Resp: 213165
Ion Ratio Lower Upper
146 100
111 39.9 27.4 51.0
148 61.1 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 25.287 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

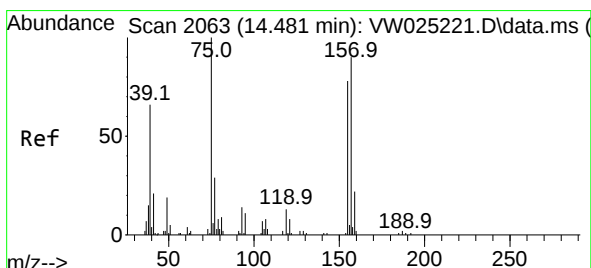
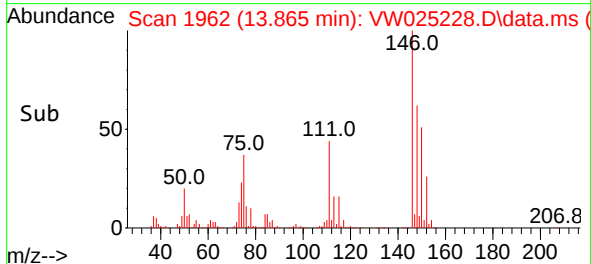
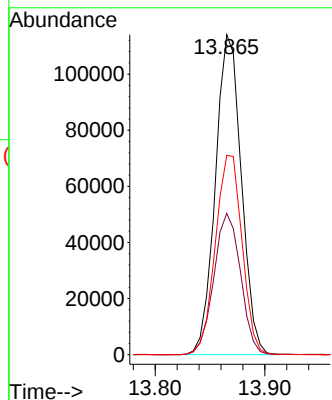
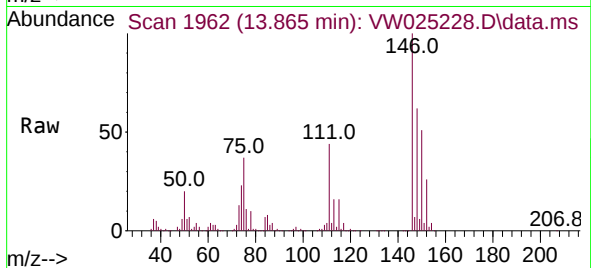
Tgt Ion:146 Resp: 187693

Ion Ratio Lower Upper

146 100

111 44.1 36.1 54.1

148 62.3 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.996 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

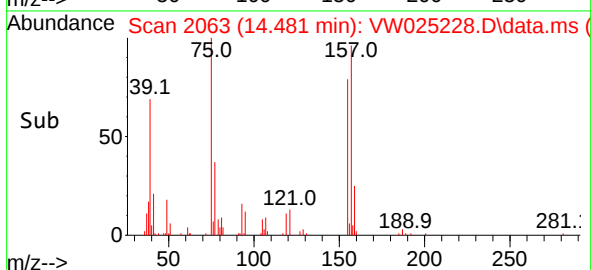
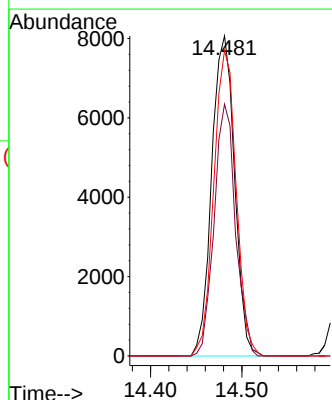
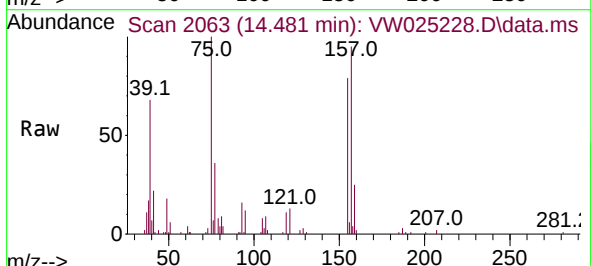
Tgt Ion: 75 Resp: 14002

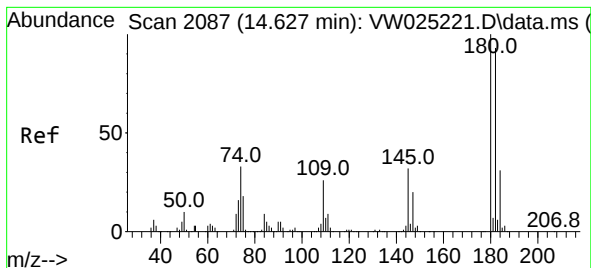
Ion Ratio Lower Upper

75 100

155 78.7 62.3 93.5

157 95.5 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 24.691 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

Tgt Ion:180 Resp: 151293

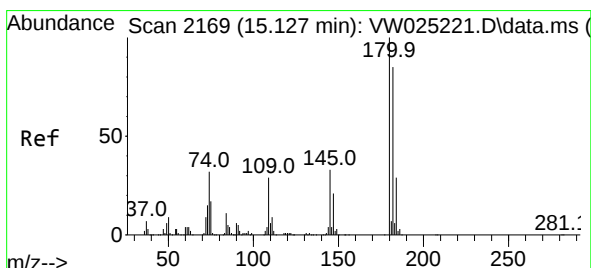
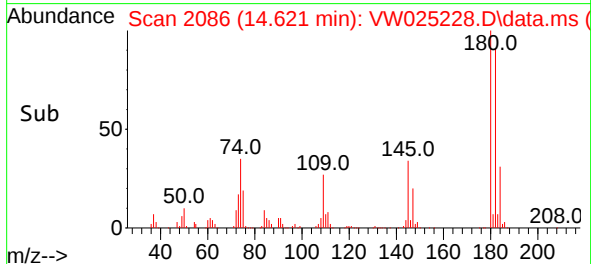
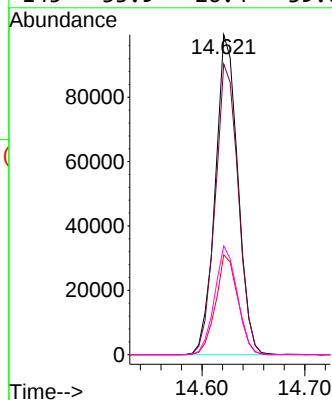
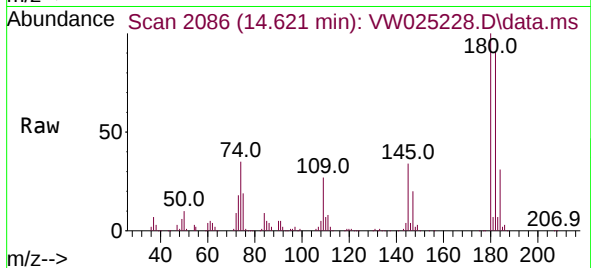
Ion Ratio Lower Upper

180 100

182 92.8 75.1 112.7

184 30.9 23.3 34.9

145 33.9 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 23.572 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

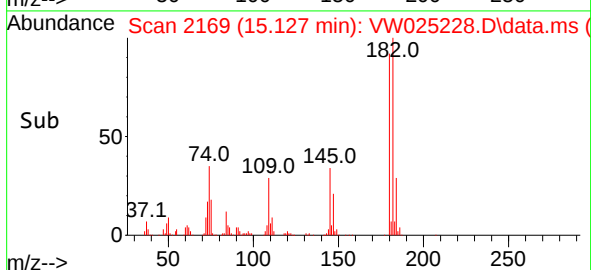
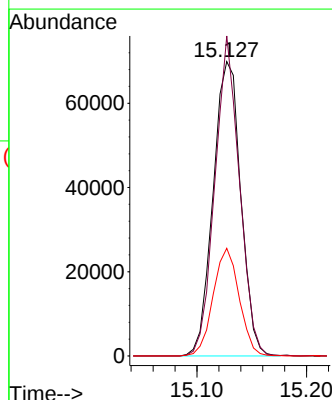
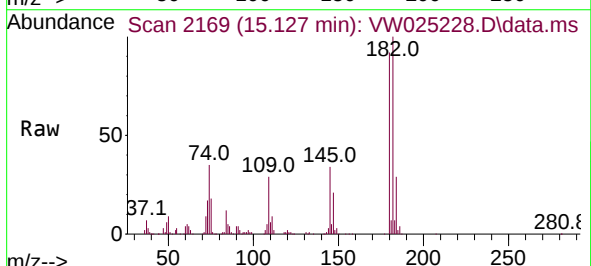
Tgt Ion:180 Resp: 122654

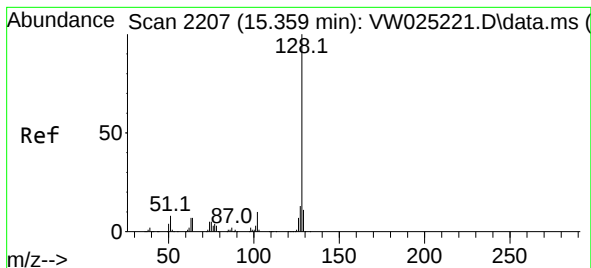
Ion Ratio Lower Upper

180 100

182 96.3 72.5 108.7

145 34.4 27.0 40.4





#71

Naphthalene

Concen: 22.248 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

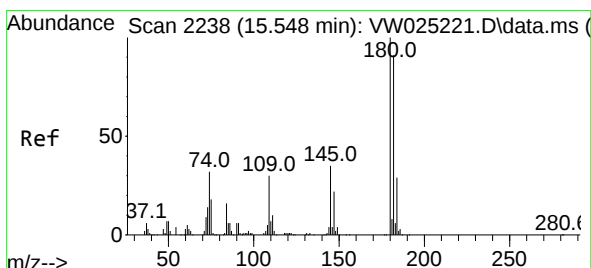
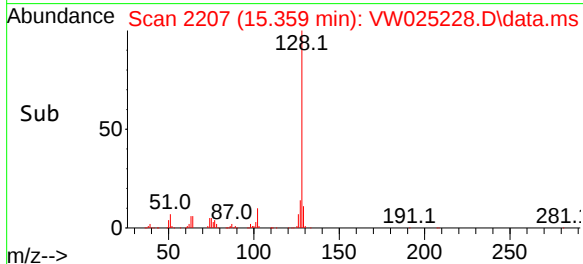
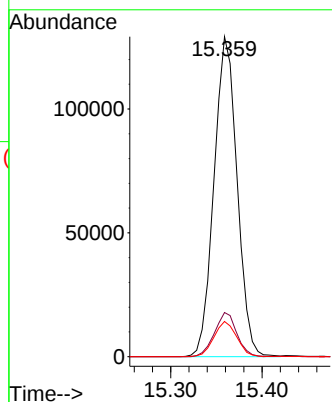
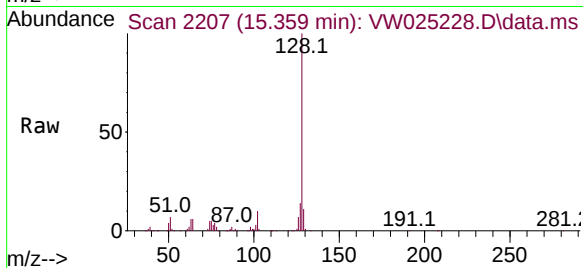
Tgt Ion:128 Resp: 226880

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.9 9.0 13.6



#72

1,2,3-Trichlorobenzene

Concen: 23.588 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW025228.D

Acq: 17 Jan 2023 11:51

Tgt Ion:180 Resp: 105282

Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

145 35.5 28.6 42.8

