

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050522\
 Data File : VW022850.D
 Acq On : 05 May 2022 18:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

Quant Time: May 06 01:09:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 06 01:05:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	296269	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	297947	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171076	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	141541	23.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.160%
7) Chloroethane-d5	2.885	69	110395	27.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.680%
11) 1,1-Dichloroethene-d2	4.019	63	170213	21.672	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.680%
21) 2-Butanone-d5	7.074	46	71469	61.841	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.680%
24) Chloroform-d	7.647	84	235870	27.174	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.680%
26) 1,2-Dichloroethane-d4	8.305	65	131929	27.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.840%
32) Benzene-d6	8.275	84	447491	26.057	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.240%
36) 1,2-Dichloropropane-d6	9.274	67	129987	26.945	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.800%
41) Toluene-d8	10.323	98	426713	25.722	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.880%
43) trans-1,3-Dichloroprop...	10.579	79	57240	25.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.080%
47) 2-Hexanone-d5	10.920	63	59358	64.456	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.920%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	135876	30.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.880%#
66) 1,2-Dichlorobenzene-d4	13.847	152	160800	26.889	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	54144	33.524	ug/L	92
3) Chloromethane	2.215	50	81179	26.011	ug/L	97
5) Vinyl chloride	2.361	62	147970	23.625	ug/L	100
6) Bromomethane	2.776	94	97185	24.167	ug/L	91
8) Chloroethane	2.922	64	80397	26.613	ug/L	97
9) Trichlorofluoromethane	3.257	101	54183	18.927	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	97384	22.751	ug/L	97
12) 1,1-Dichloroethene	4.044	96	83605	22.033	ug/L	96
13) Acetone	4.123	43	37516	43.358	ug/L	99
14) Carbon disulfide	4.385	76	208214	20.015	ug/L	100
15) Methyl Acetate	4.672	43	47128	27.112	ug/L	99
16) Methylene chloride	4.915	84	104517	24.109	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	97452	22.822	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	170065	26.089	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	181373	25.061	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	111882	24.394	ug/L #	99
22) 2-Butanone	7.171	43	64263	53.107	ug/L	99
23) Bromochloromethane	7.519	128	53969	25.126	ug/L	94
25) Chloroform	7.677	83	204807	25.593	ug/L	98

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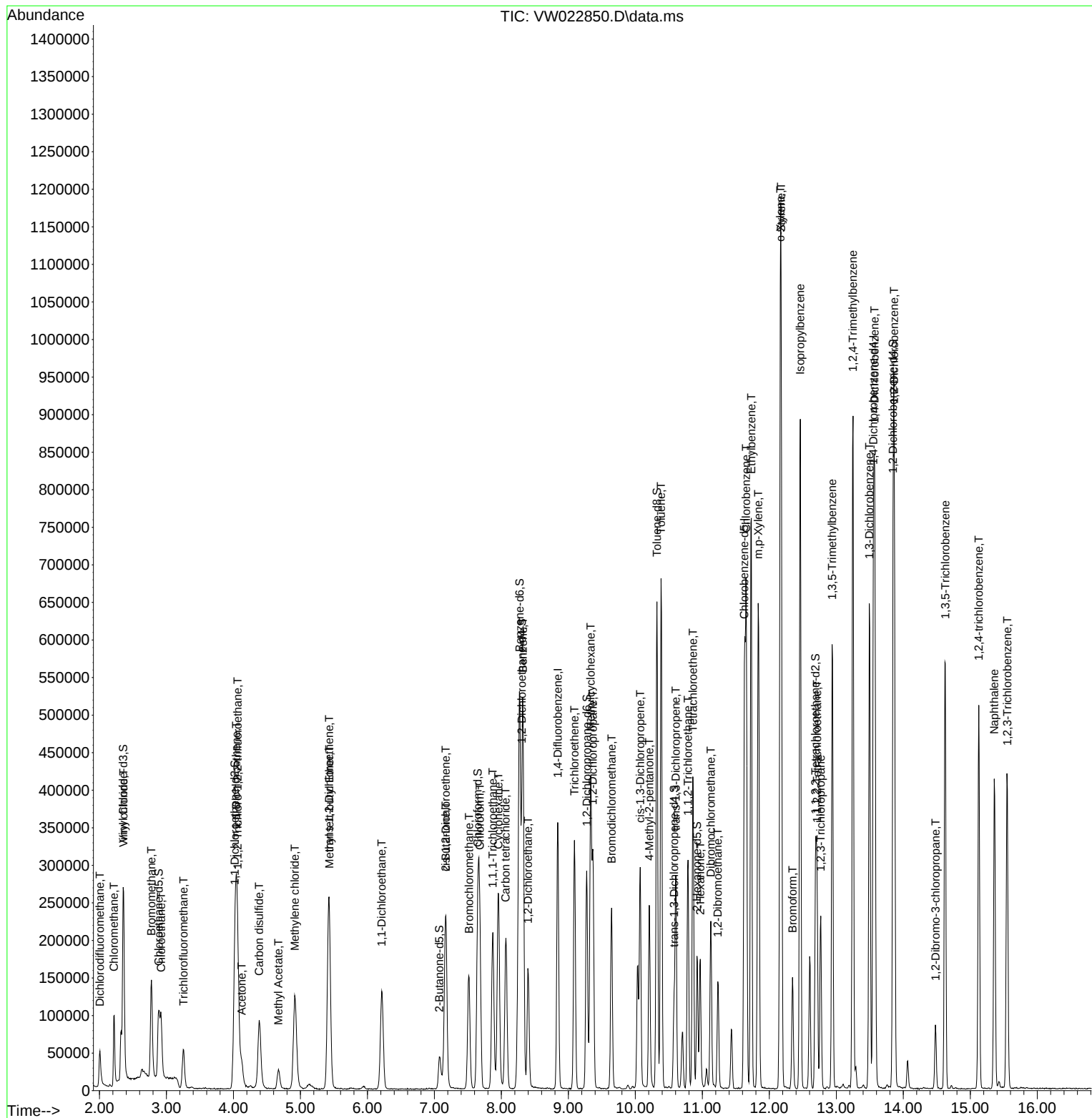
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27) 1,2-Dichloroethane	8.396	62	138817	26.023	ug/L	97
29) Cyclohexane	7.958	56	141043	21.889	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	163563	23.230	ug/L	99
31) Carbon tetrachloride	8.061	117	147055	22.327	ug/L	100
33) Benzene	8.323	78	422251	24.057	ug/L	100
34) Trichloroethene	9.091	95	112327	23.270	ug/L	96
35) Methylcyclohexane	9.335	83	170485	21.499	ug/L	97
37) 1,2-Dichloropropane	9.366	63	105494	24.836	ug/L	99
38) Bromodichloromethane	9.646	83	152997	25.360	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	165106	25.069	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	147874	55.234	ug/L	99
42) Toluene	10.384	91	484396	24.625	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	150934	25.675	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	93859	26.433	ug/L	98
46) Tetrachloroethene	10.859	164	84412	23.270	ug/L	91
48) 2-Hexanone	10.969	43	103913	58.091	ug/L	99
49) Dibromochloromethane	11.128	129	110788	25.924	ug/L	99
50) 1,2-Dibromoethane	11.231	107	92258	25.875	ug/L	99
51) Chlorobenzene	11.652	112	327507	25.255	ug/L	97
52) Ethylbenzene	11.731	91	541927	24.764	ug/L	100
53) m,p-Xylene	11.835	106	214434	24.868	ug/L	99
54) o-Xylene	12.164	106	210729	25.467	ug/L	97
55) Styrene	12.176	104	366389	26.058	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	122376	27.593	ug/L	99
59) Bromoform	12.347	173	62349	25.717	ug/L	99
60) Isopropylbenzene	12.463	105	577658	24.648	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	89257	26.112	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	320113	24.551	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	483703	24.706	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	254333	24.306	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	265525	24.567	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	240266	25.093	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19976	26.740	ug/L #	93
69) 1,3,5-Trichlorobenzene	14.627	180	167627	24.134	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	145553	26.051	ug/L	99
71) Naphthalene	15.359	128	348791	28.722	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	126640	25.574	ug/L	95

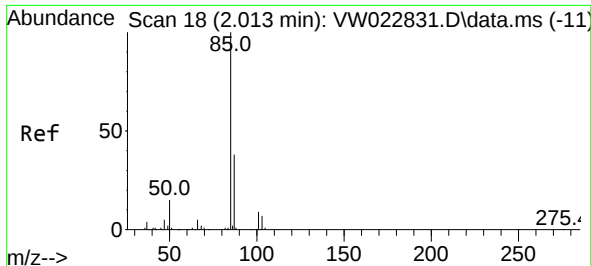
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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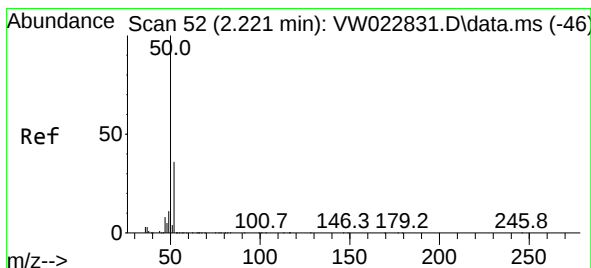
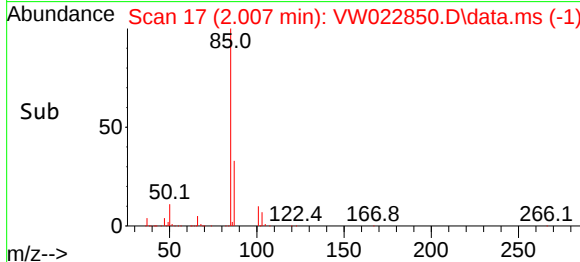
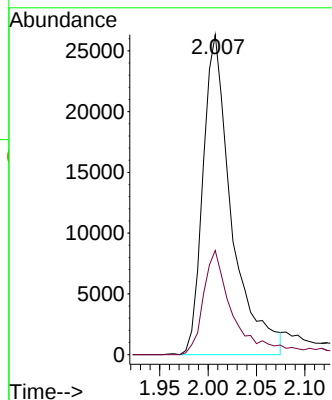
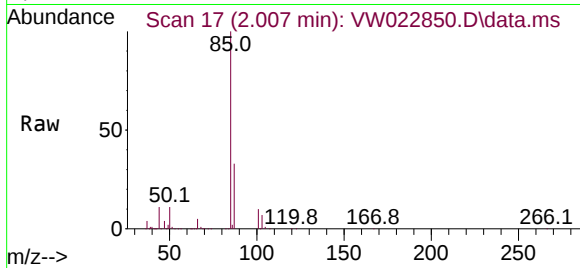




#2
 Dichlorodifluoromethane
 Concen: 33.524 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW022850.D
 Acq: 05 May 2022 18:26

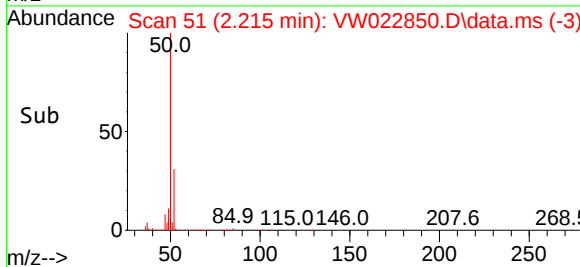
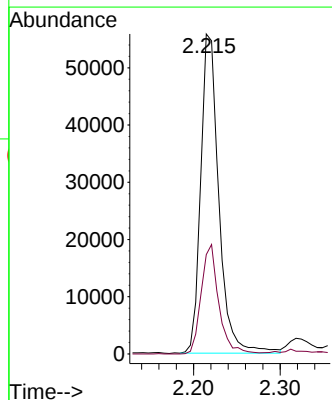
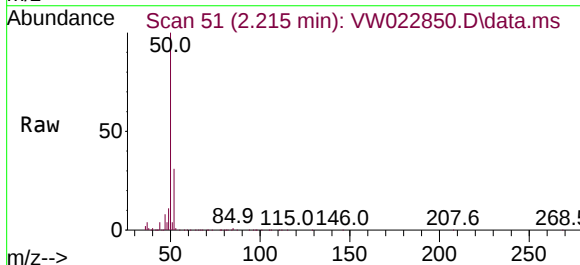
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

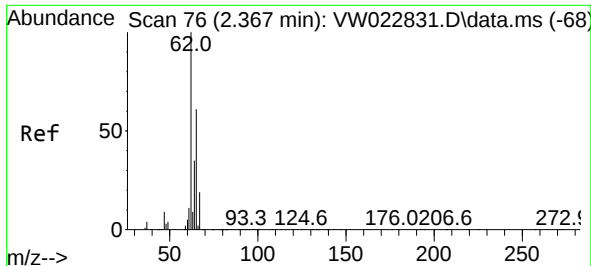
Tgt Ion: 85 Resp: 54144
 Ion Ratio Lower Upper
 85 100
 87 30.1 27.8 41.8



#3
 Chloromethane
 Concen: 26.011 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW022850.D
 Acq: 05 May 2022 18:26

Tgt Ion: 50 Resp: 81179
 Ion Ratio Lower Upper
 50 100
 52 31.0 23.1 42.9

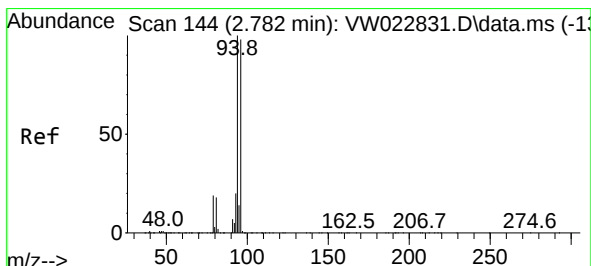
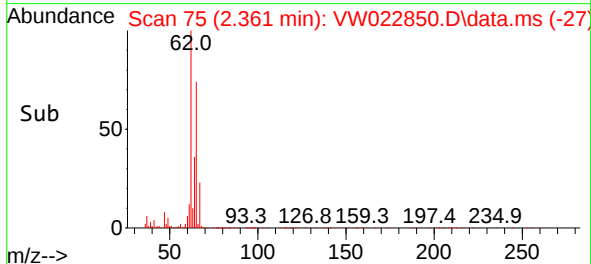
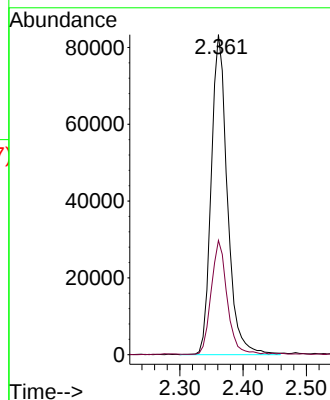
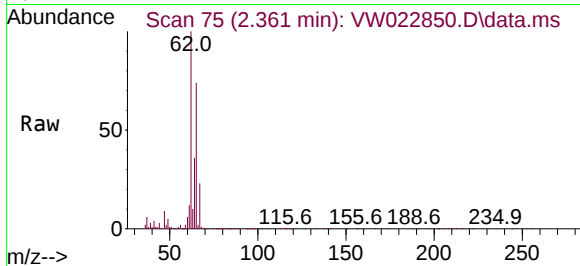




#5
 Vinyl chloride
 Concen: 23.625 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW022850.D
 Acq: 05 May 2022 18:26

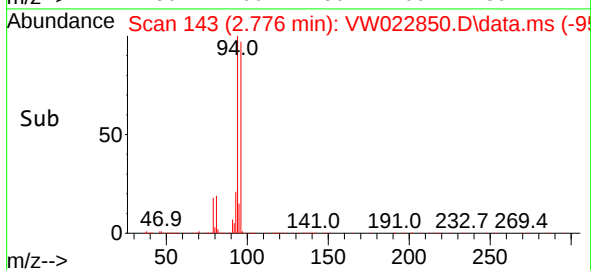
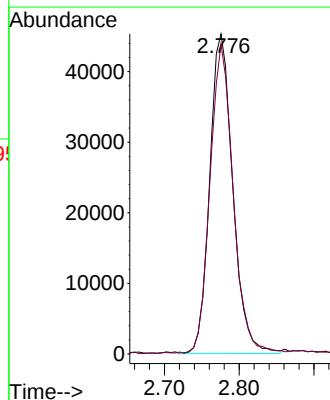
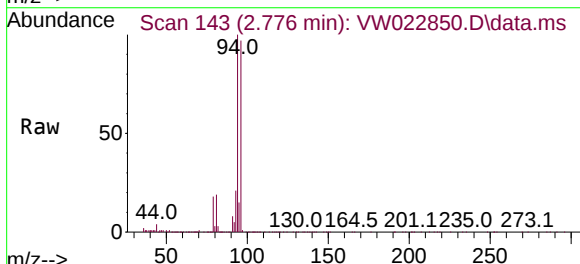
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

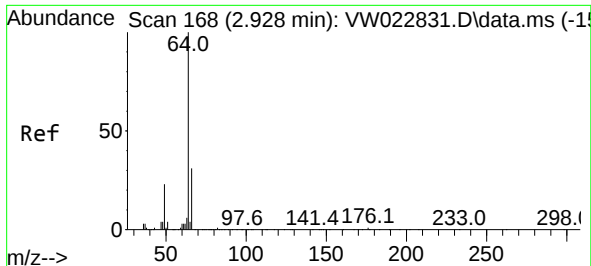
Tgt Ion: 62 Resp: 147970
 Ion Ratio Lower Upper
 62 100
 64 35.7 24.9 46.3



#6
 Bromomethane
 Concen: 24.167 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022850.D
 Acq: 05 May 2022 18:26

Tgt Ion: 94 Resp: 97185
 Ion Ratio Lower Upper
 94 100
 96 96.8 61.7 114.5

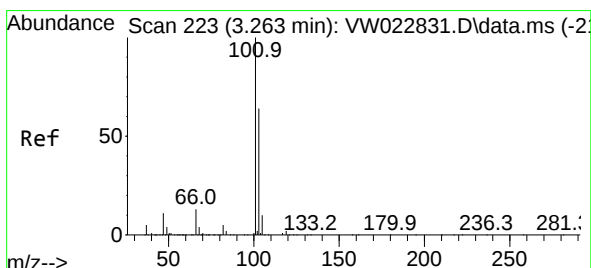
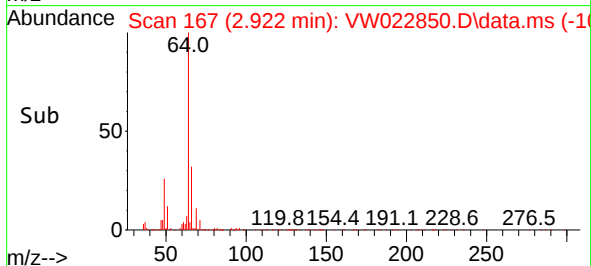
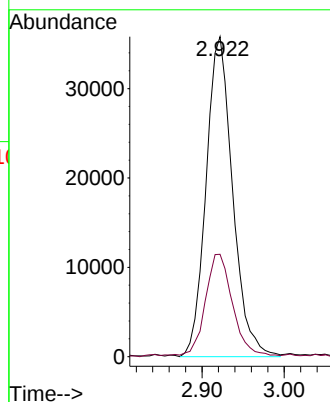
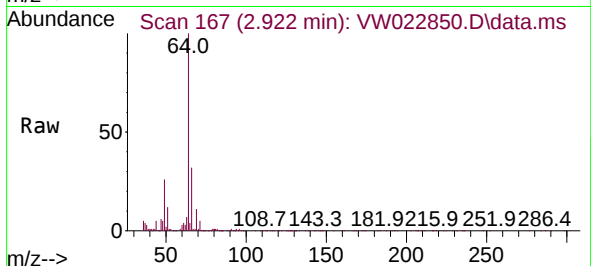




#8
Chloroethane
Concen: 26.613 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

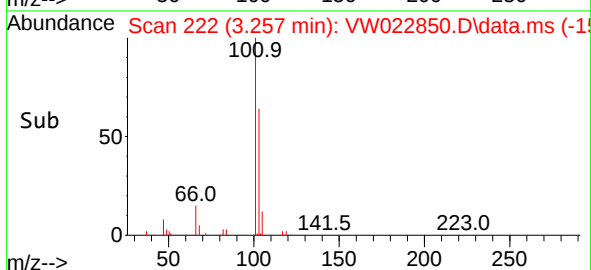
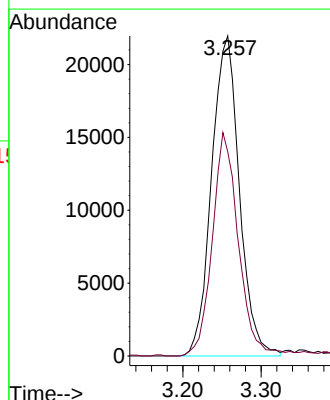
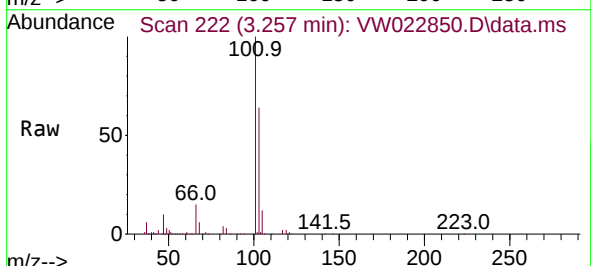
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ClientSampleId :
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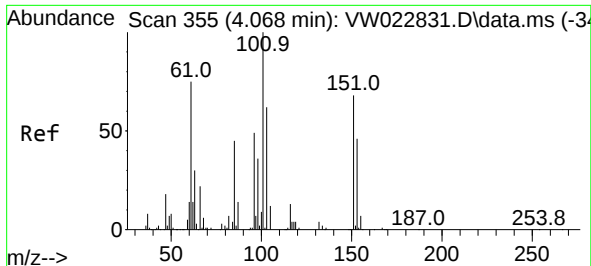
Tgt Ion: 64 Resp: 80397
Ion Ratio Lower Upper
64 100
66 32.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.927 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion: 101 Resp: 54183
Ion Ratio Lower Upper
101 100
103 64.6 53.9 80.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.751 ug/L

RT: 4.062 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

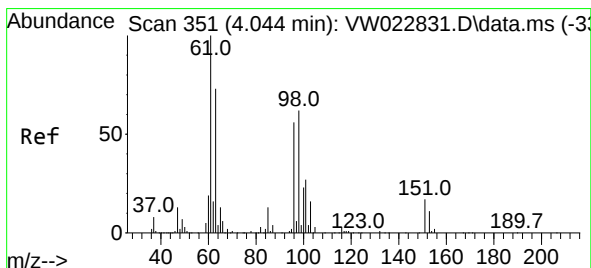
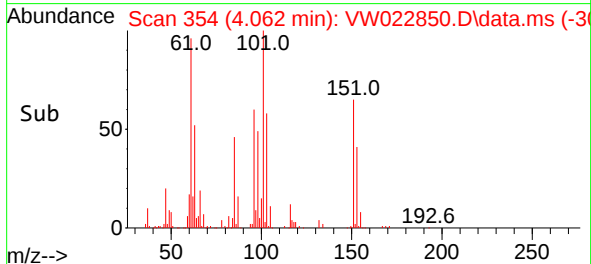
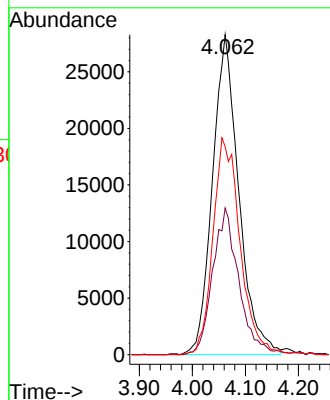
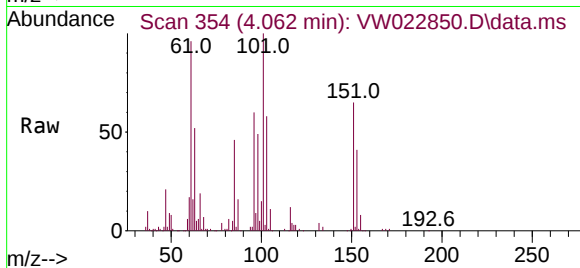
Tgt Ion:101 Resp: 97384

Ion Ratio Lower Upper

101 100

85 45.1 34.3 51.5

151 69.5 54.2 81.2



#12

1,1-Dichloroethene

Concen: 22.033 ug/L

RT: 4.044 min Scan# 351

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

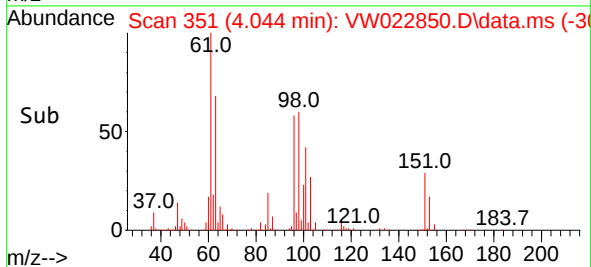
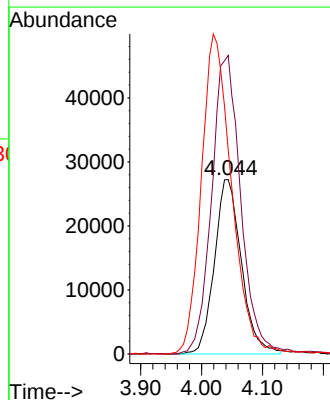
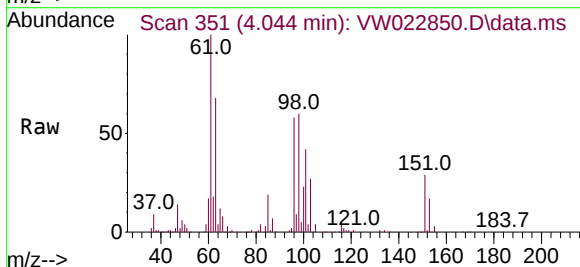
Tgt Ion: 96 Resp: 83605

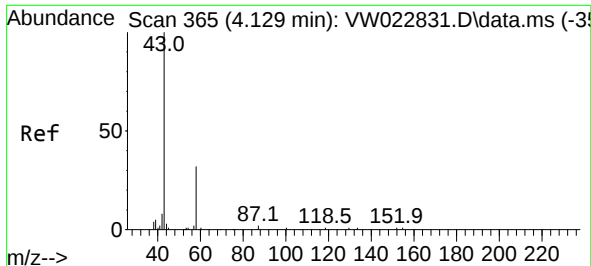
Ion Ratio Lower Upper

96 100

61 171.3 125.7 233.5

63 117.1 83.4 155.0





#13

Acetone

Concen: 43.358 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.006 min

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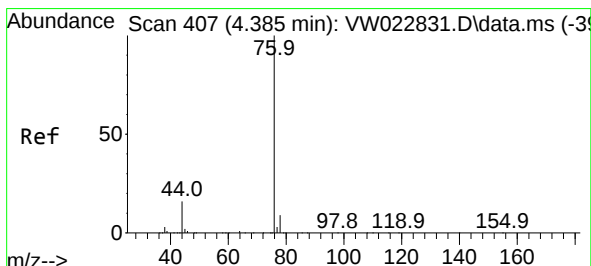
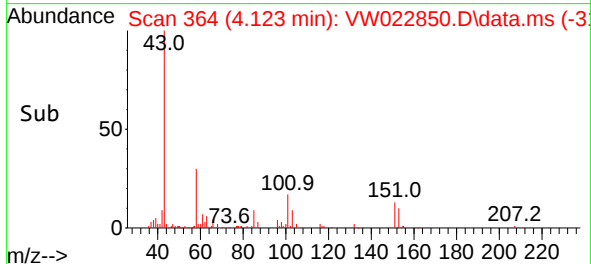
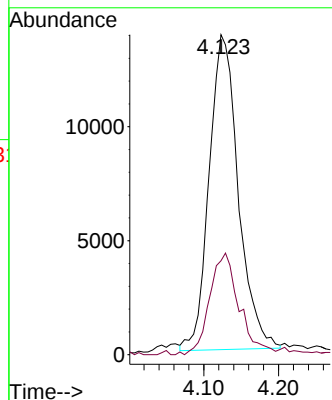
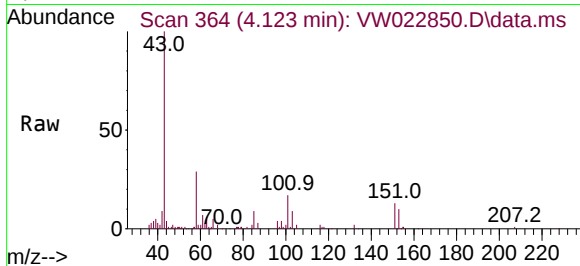
VSTD025517

Tgt Ion: 43 Resp: 37516

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.0



#14

Carbon disulfide

Concen: 20.015 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

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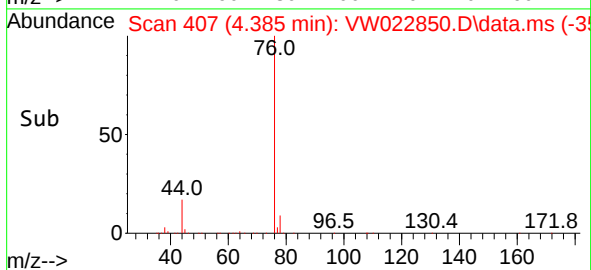
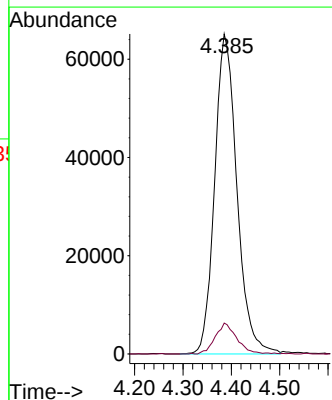
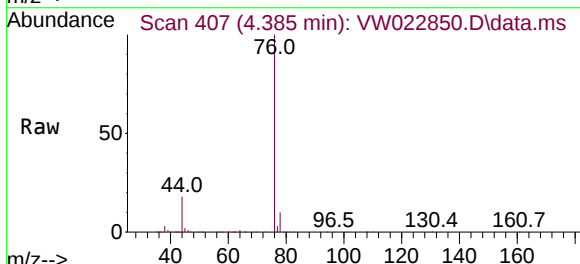
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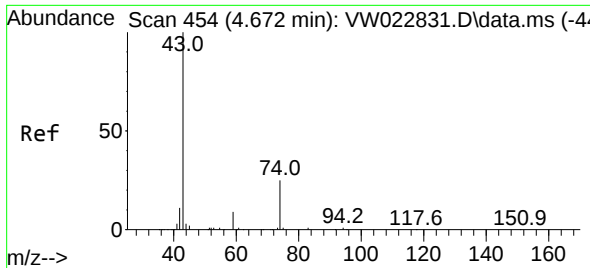
Tgt Ion: 76 Resp: 208214

Ion Ratio Lower Upper

76 100

78 9.7 7.7 11.5

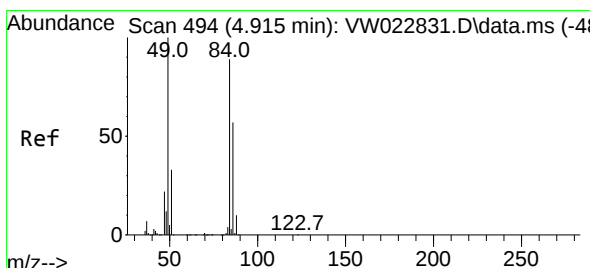
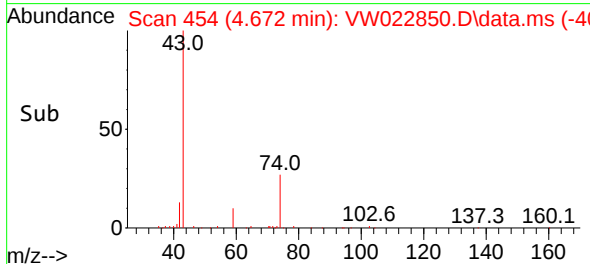
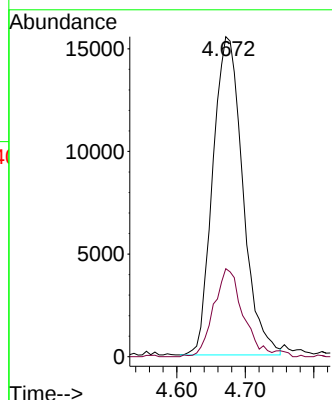
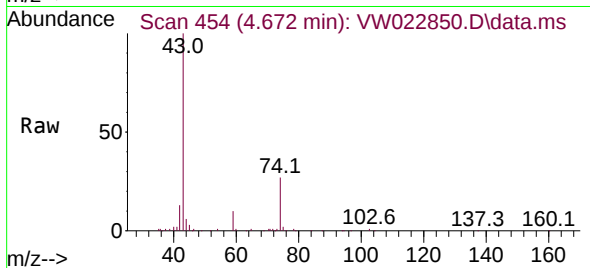




#15
Methyl Acetate
Concen: 27.112 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

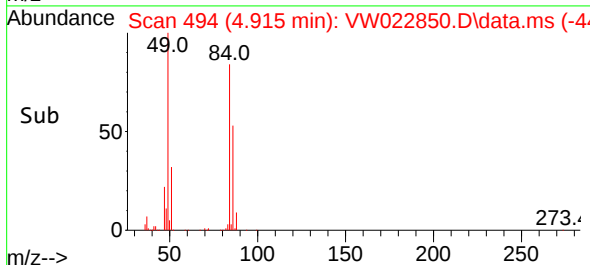
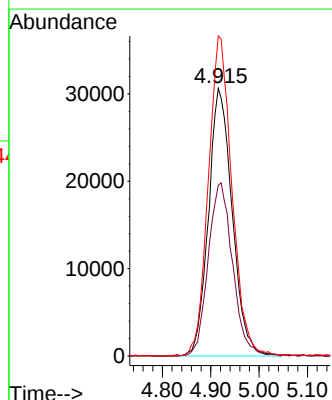
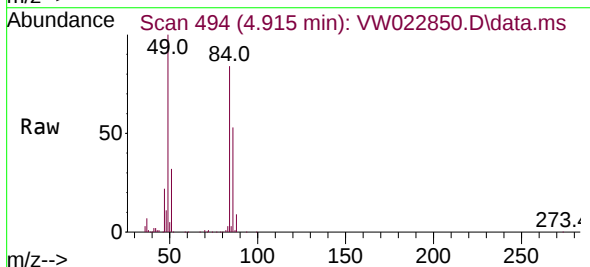
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

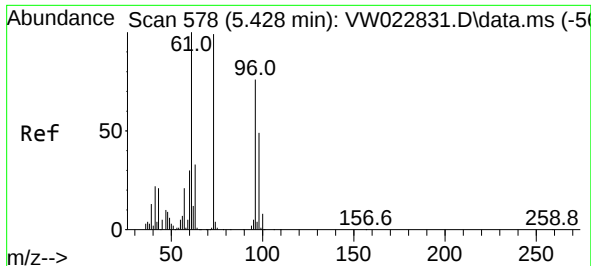
Tgt Ion: 43 Resp: 47128
Ion Ratio Lower Upper
43 100
74 26.7 21.9 32.9



#16
Methylene chloride
Concen: 24.109 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion: 84 Resp: 104517
Ion Ratio Lower Upper
84 100
86 63.8 45.4 84.4
49 119.6 82.5 153.1

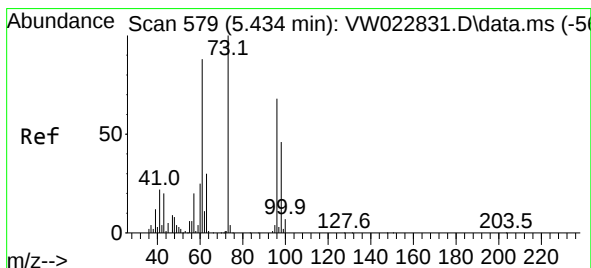
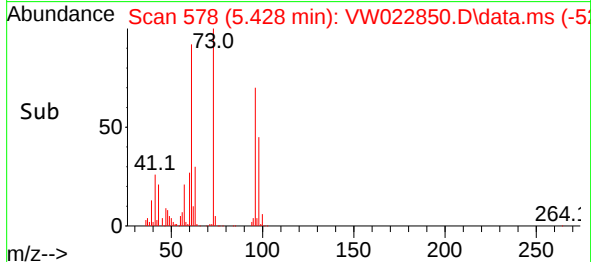
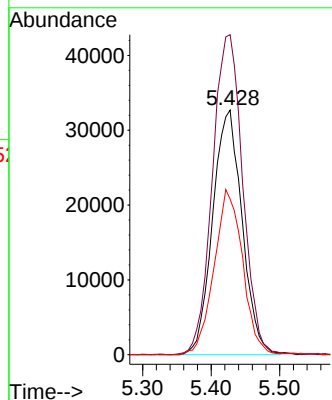
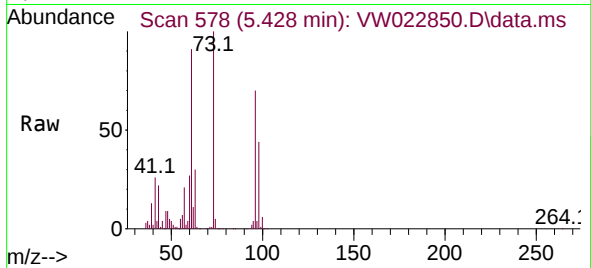




#17
trans-1,2-Dichloroethene
Concen: 22.822 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

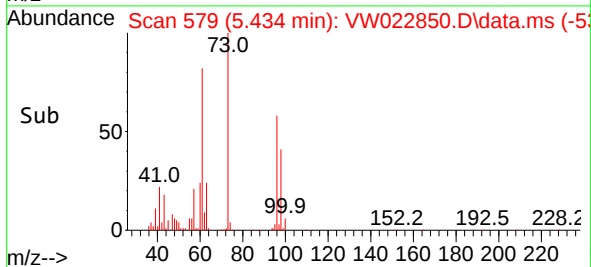
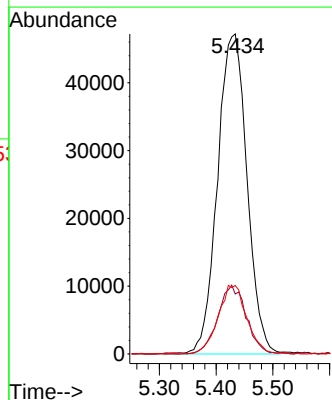
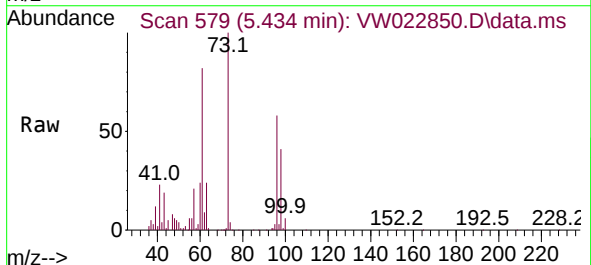
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

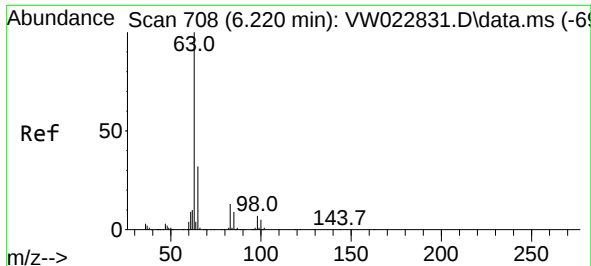
Tgt Ion: 96 Resp: 97452
Ion Ratio Lower Upper
96 100
61 130.8 92.2 171.2
98 63.6 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 26.089 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion: 73 Resp: 170065
Ion Ratio Lower Upper
73 100
43 20.7 15.9 23.9
57 11.0 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.061 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

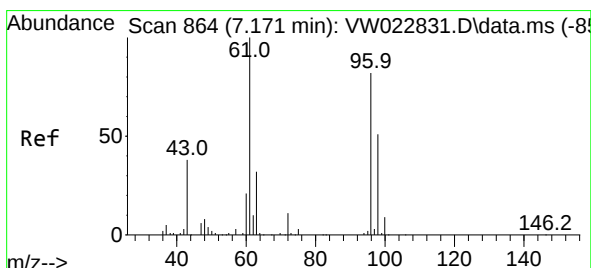
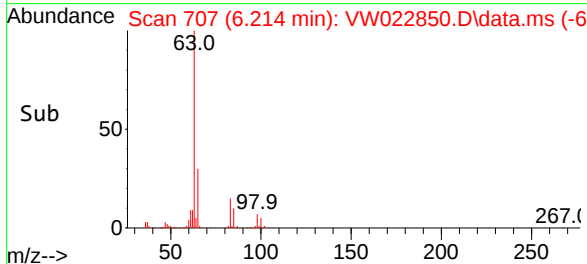
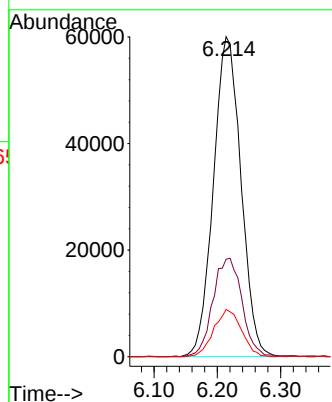
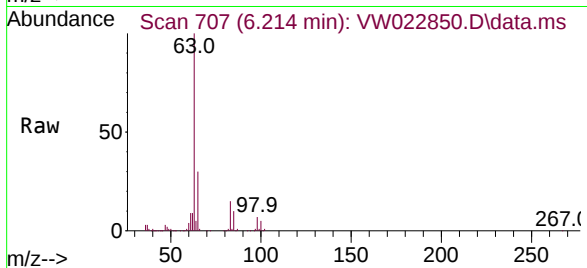
Tgt Ion: 63 Resp: 181373

Ion Ratio Lower Upper

63 100

65 30.5 23.3 43.3

83 14.7 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 24.394 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

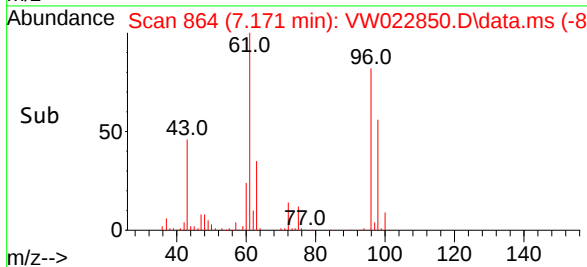
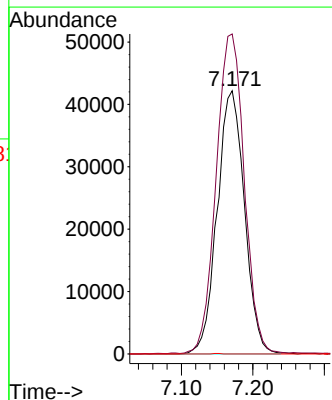
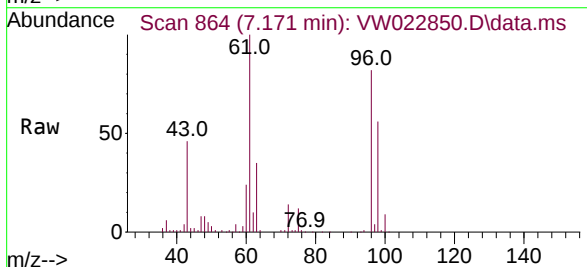
Tgt Ion: 96 Resp: 111882

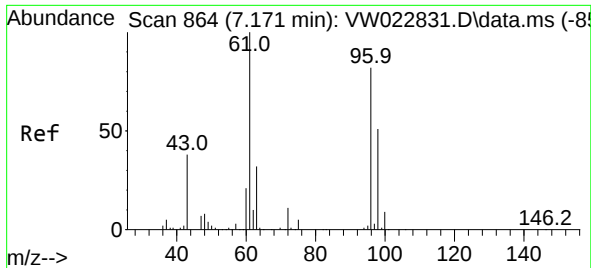
Ion Ratio Lower Upper

96 100

61 121.6 84.2 156.4

68 0.0 0.1 0.1#

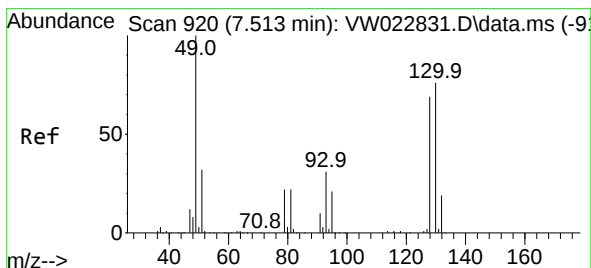
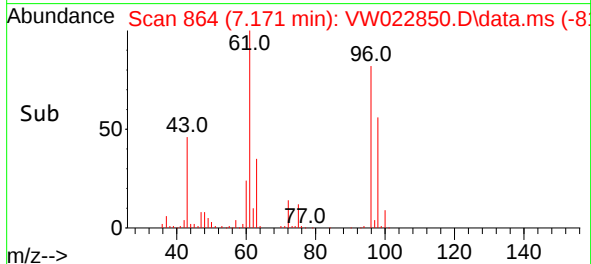
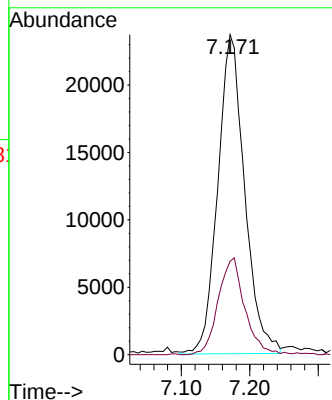
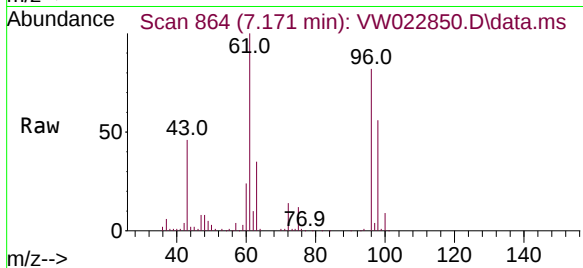




#22
2-Butanone
Concen: 53.107 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

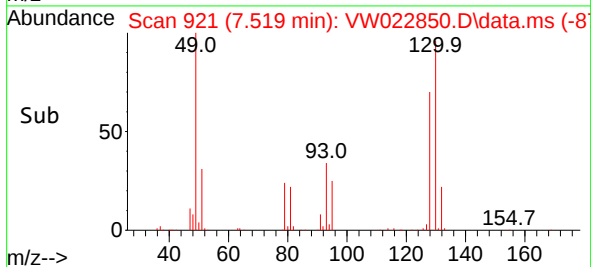
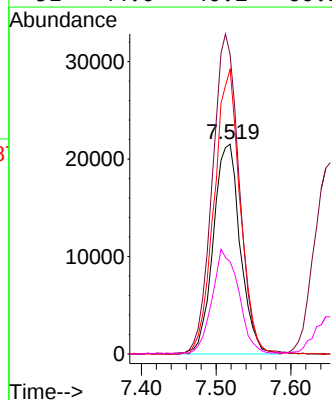
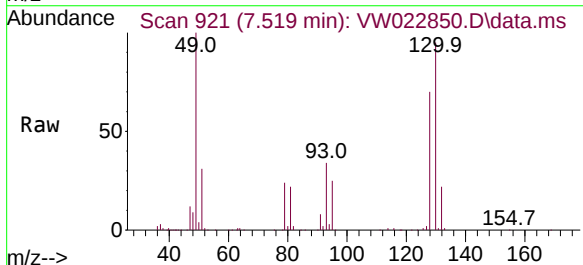
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

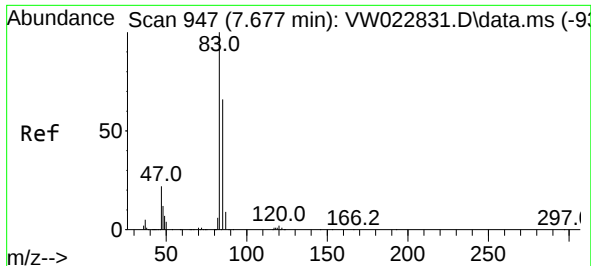
Tgt Ion: 43 Resp: 64263
Ion Ratio Lower Upper
43 100
72 29.8 15.1 45.3



#23
Bromochloromethane
Concen: 25.126 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion: 128 Resp: 53969
Ion Ratio Lower Upper
128 100
49 142.8 110.0 204.4
130 135.8 94.8 176.0
51 44.0 40.2 60.2

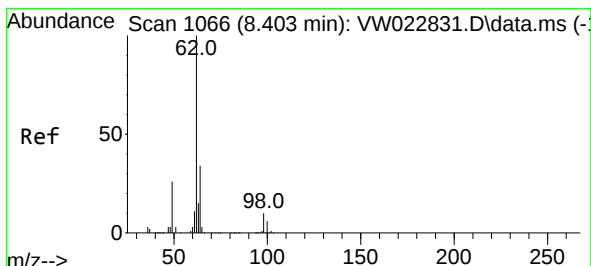
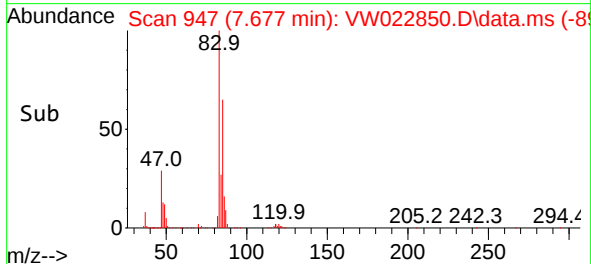
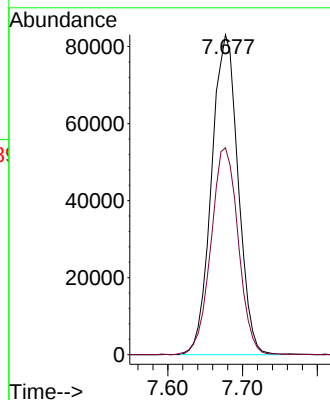
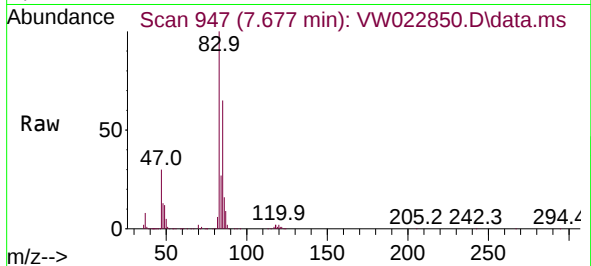




#25
Chloroform
Concen: 25.593 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

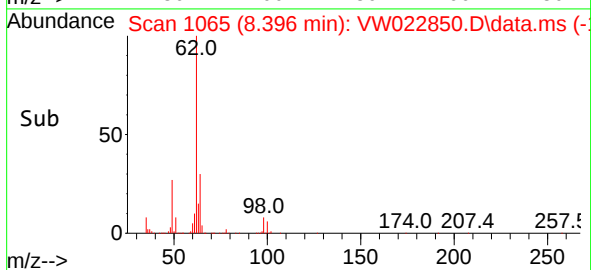
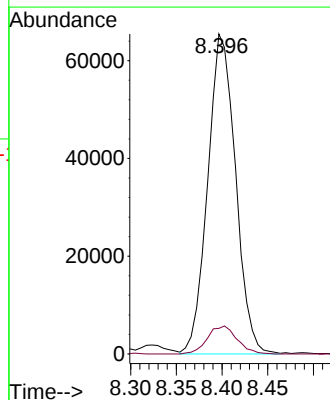
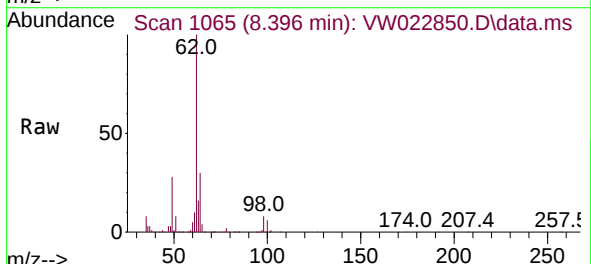
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

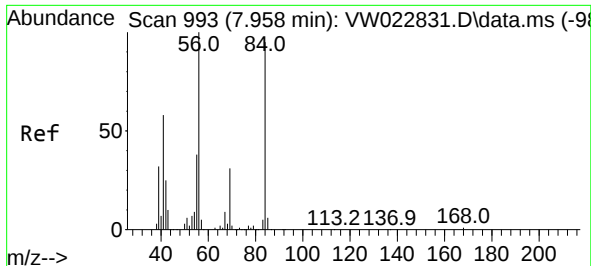
Tgt Ion: 83 Resp: 204807
Ion Ratio Lower Upper
83 100
85 64.6 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.023 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion: 62 Resp: 138817
Ion Ratio Lower Upper
62 100
98 8.0 7.2 10.8

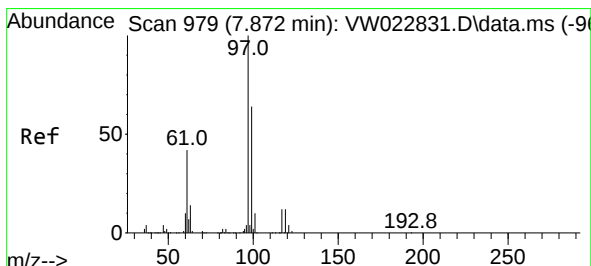
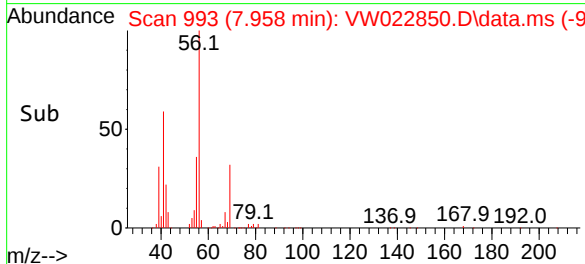
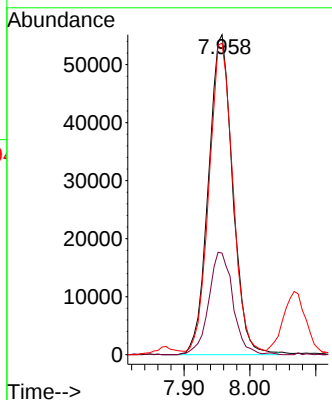
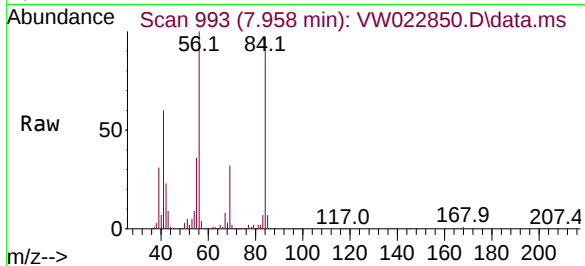




#29
Cyclohexane
Concen: 21.889 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

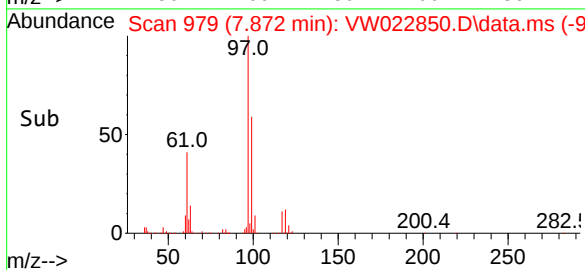
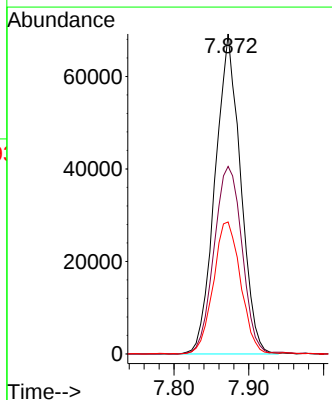
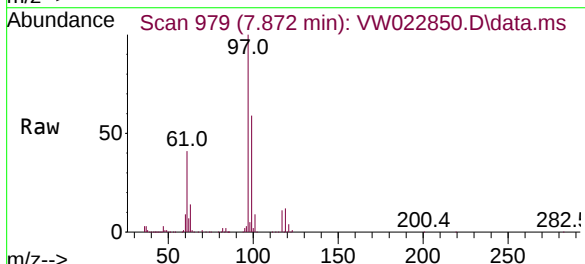
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

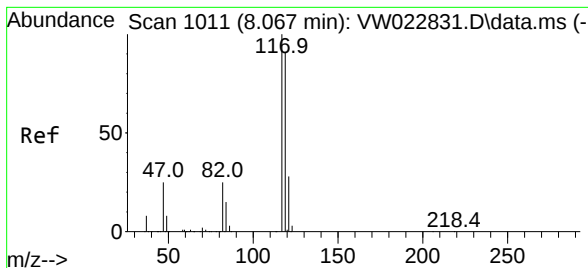
Tgt Ion: 56 Resp: 141043
Ion Ratio Lower Upper
56 100
69 31.9 25.6 38.4
84 96.6 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 23.230 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion: 97 Resp: 163563
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 44.3 34.8 52.2

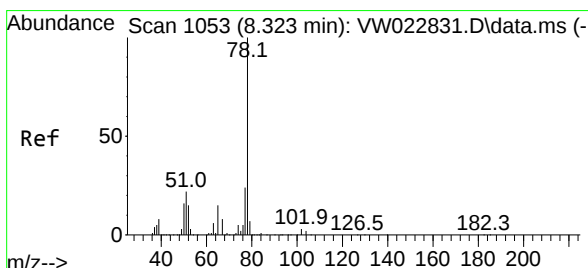
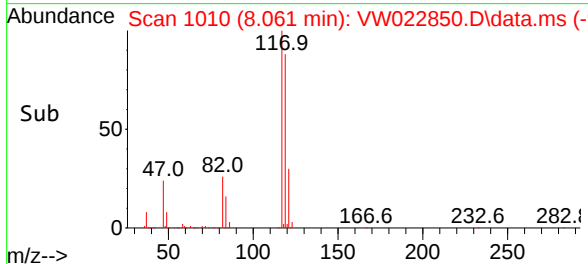
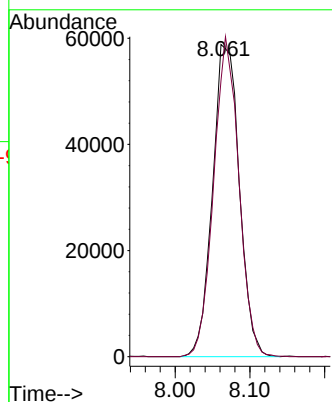
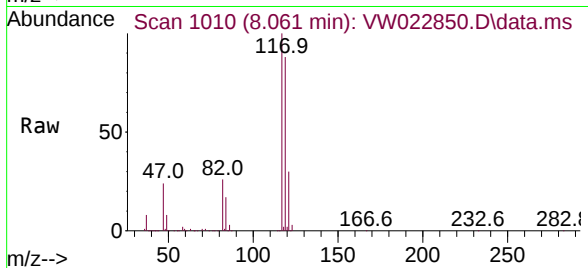




#31
Carbon tetrachloride
Concen: 22.327 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

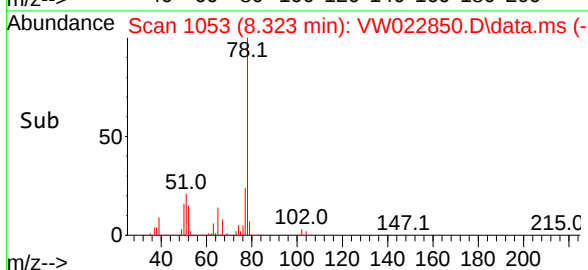
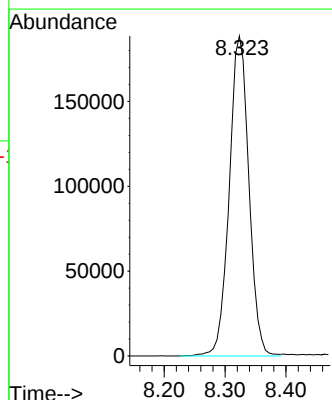
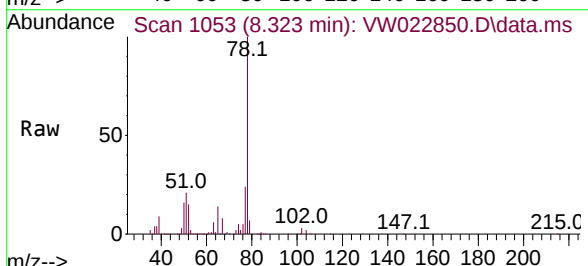
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

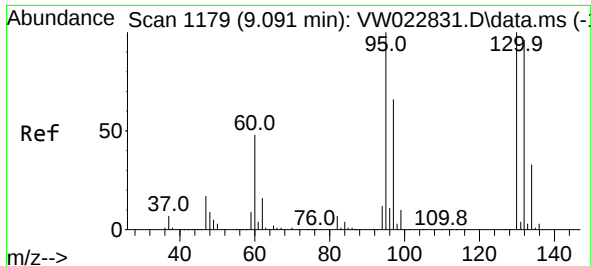
Tgt Ion:117 Resp: 147055
Ion Ratio Lower Upper
117 100
119 95.9 76.6 115.0



#33
Benzene
Concen: 24.057 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion: 78 Resp: 422251



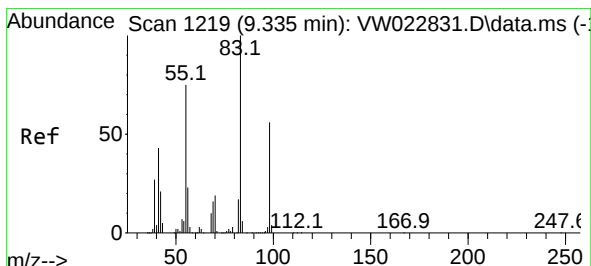
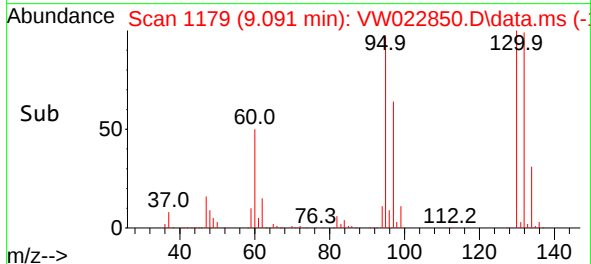
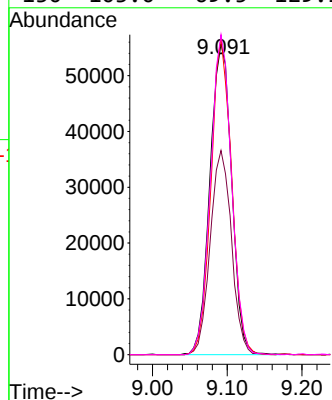
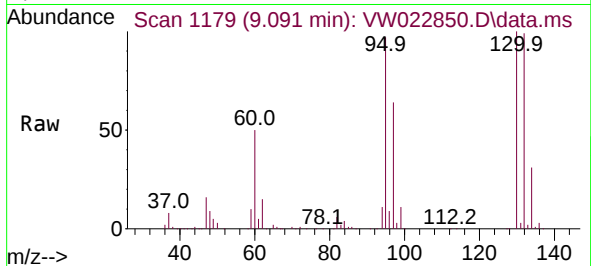


#34
Trichloroethene
Concen: 23.270 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

Tgt Ion: 95 Resp: 112327

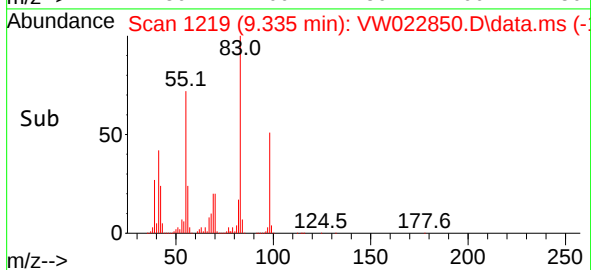
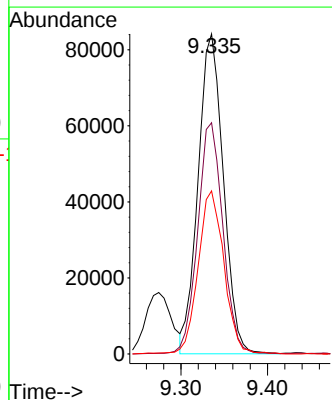
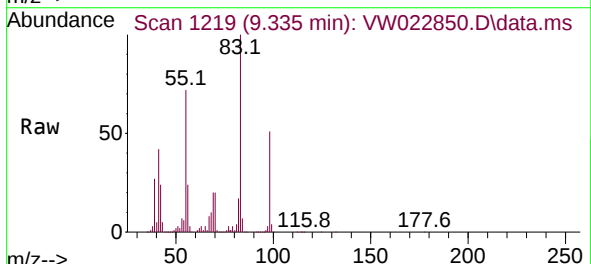
Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.1	85.7
132	102.1	66.9	124.3
130	103.0	69.5	129.1

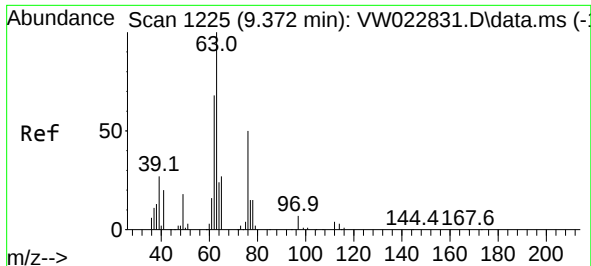


#35
Methylcyclohexane
Concen: 21.499 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion: 83 Resp: 170485

Ion	Ratio	Lower	Upper
83	100		
55	72.4	55.1	82.7
98	52.0	40.4	60.6





#37

1,2-Dichloropropane

Concen: 24.836 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

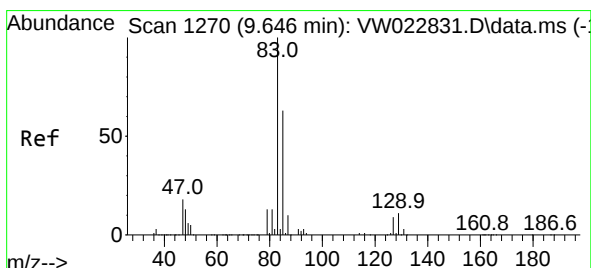
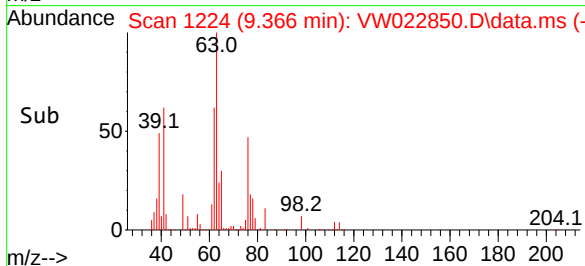
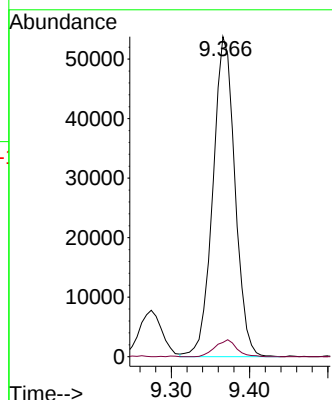
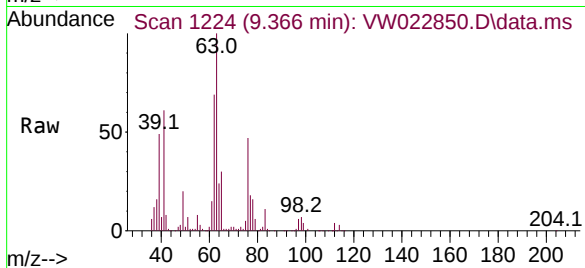
VSTD025517

Tgt Ion: 63 Resp: 105494

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 25.360 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

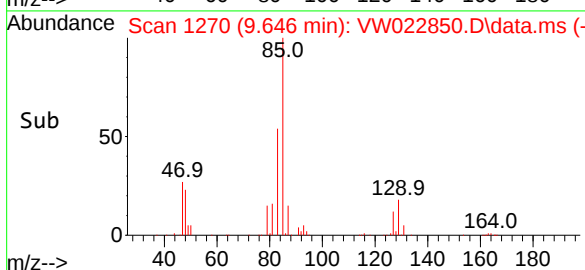
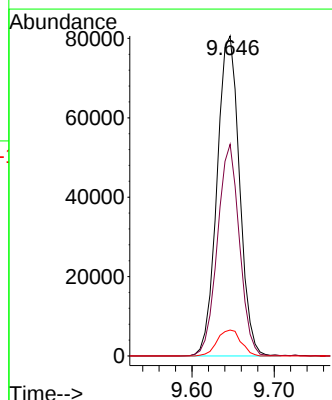
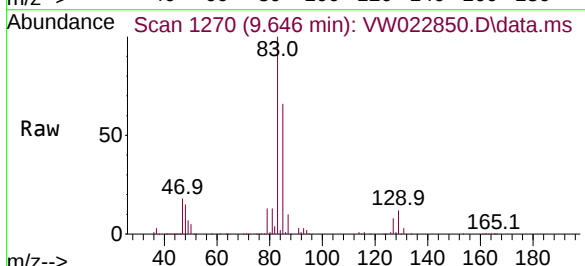
Tgt Ion: 83 Resp: 152997

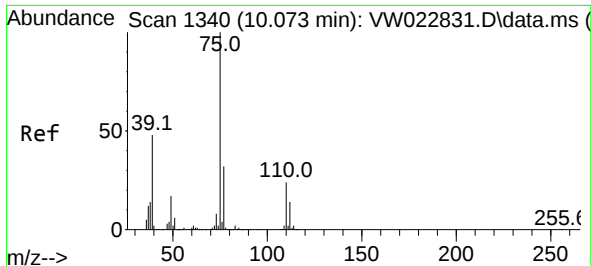
Ion Ratio Lower Upper

83 100

85 66.1 43.5 80.7

127 8.1 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.069 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

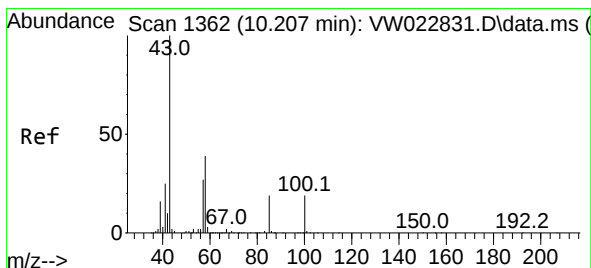
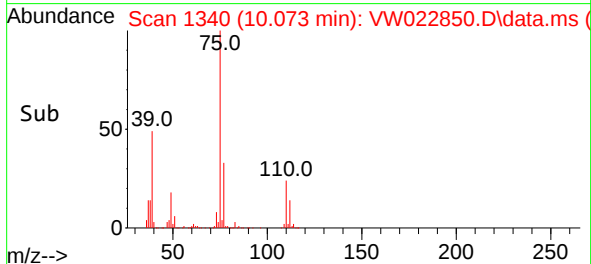
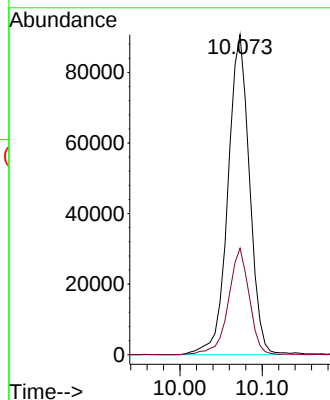
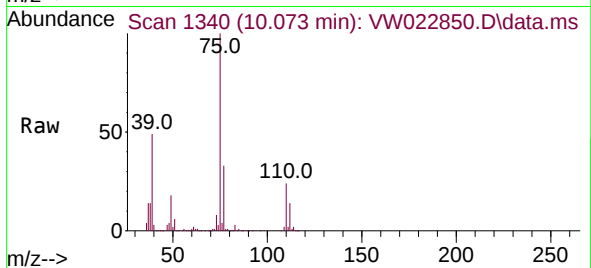
VSTD025517

Tgt Ion: 75 Resp: 165106

Ion Ratio Lower Upper

75 100

77 33.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 55.234 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

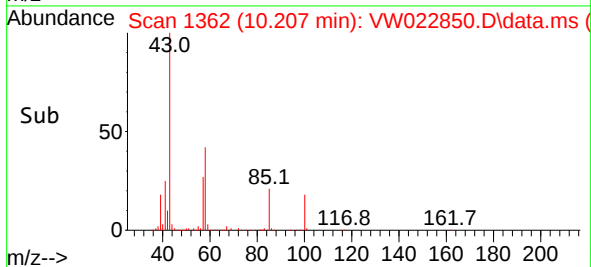
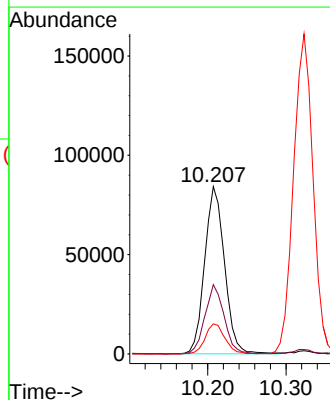
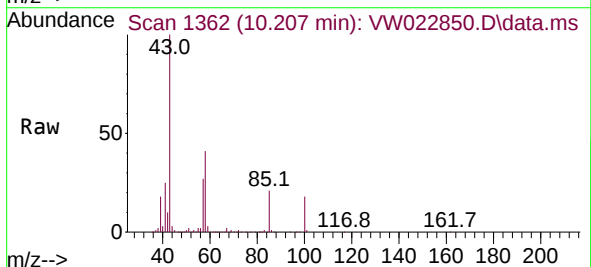
Tgt Ion: 43 Resp: 147874

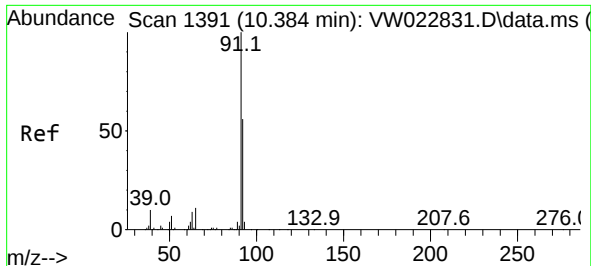
Ion Ratio Lower Upper

43 100

58 40.2 31.4 47.2

100 17.9 14.2 21.4

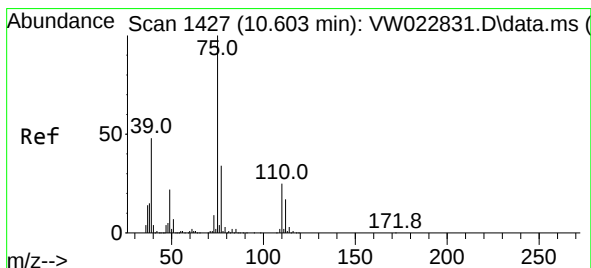
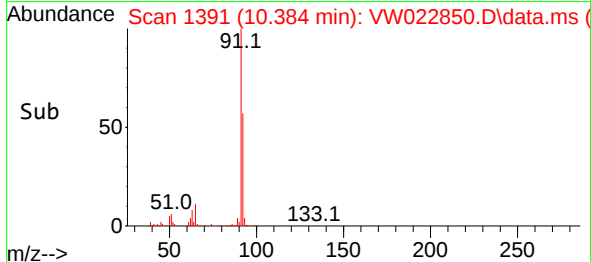
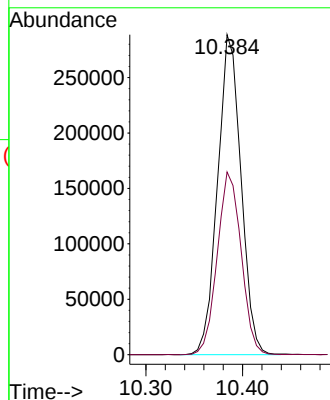
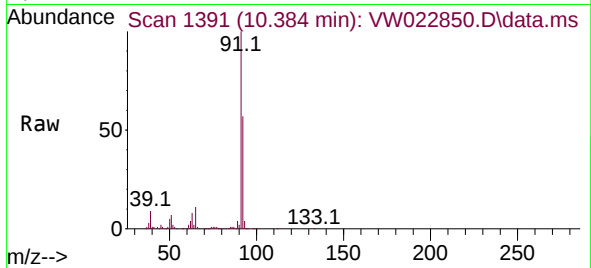




#42
Toluene
Concen: 24.625 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

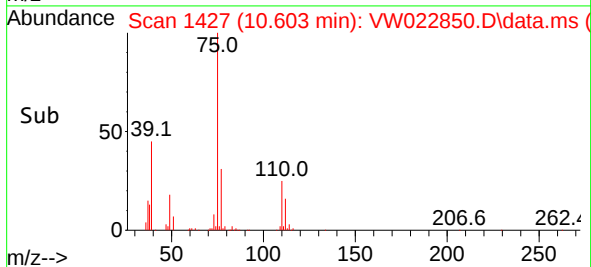
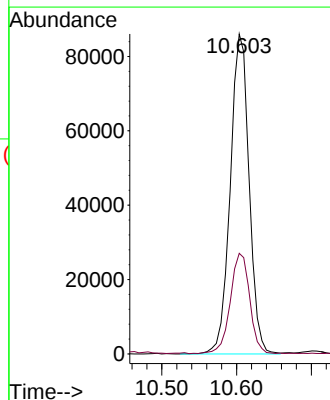
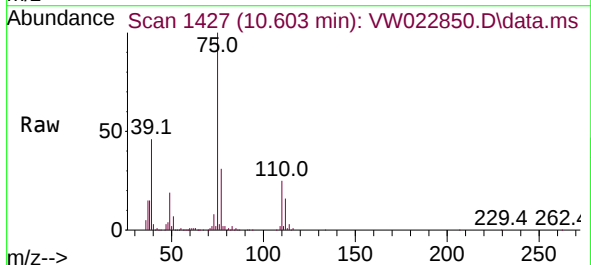
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

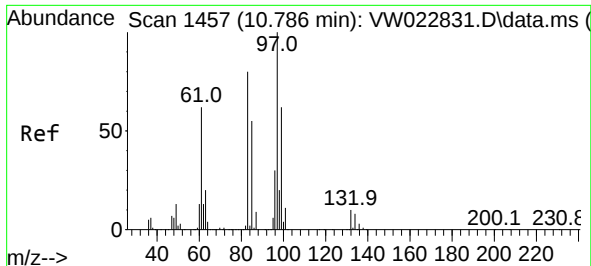
Tgt Ion: 91 Resp: 484396
Ion Ratio Lower Upper
91 100
92 57.1 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.675 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion: 75 Resp: 150934
Ion Ratio Lower Upper
75 100
77 31.5 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 26.433 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

Tgt Ion: 97 Resp: 93859

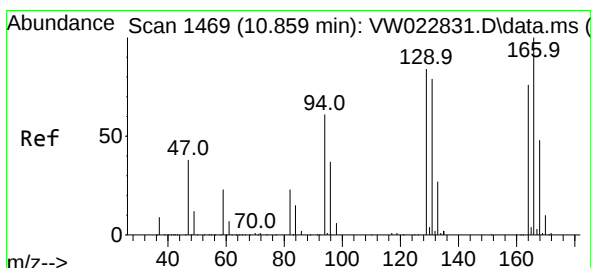
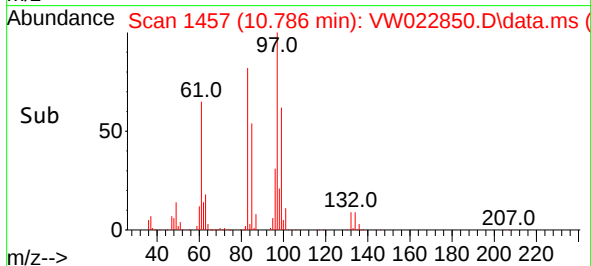
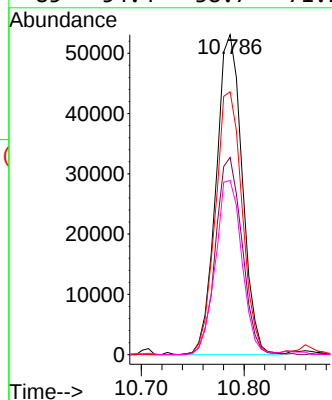
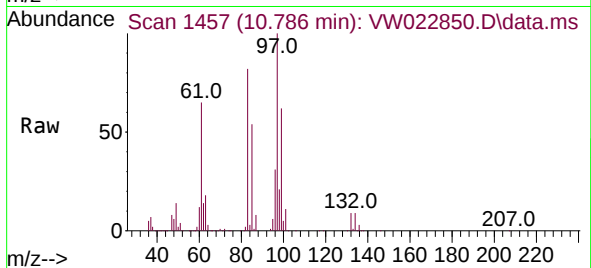
Ion Ratio Lower Upper

97 100

99 61.6 44.7 82.9

83 82.2 58.4 108.4

85 54.4 38.7 71.9



#46

Tetrachloroethene

Concen: 23.270 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

Tgt Ion:164 Resp: 84412

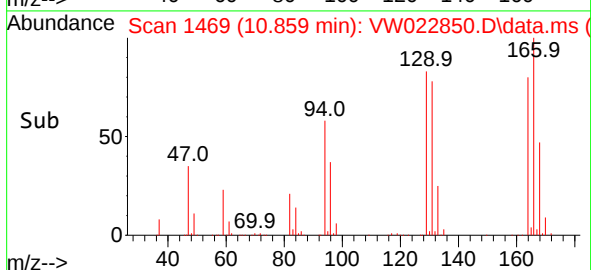
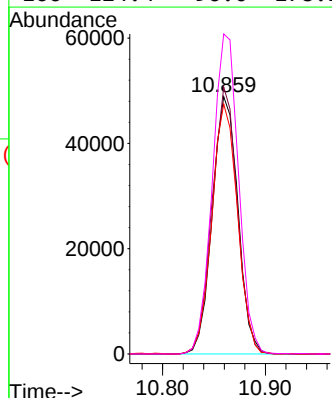
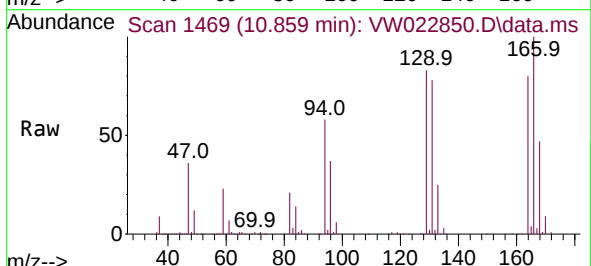
Ion Ratio Lower Upper

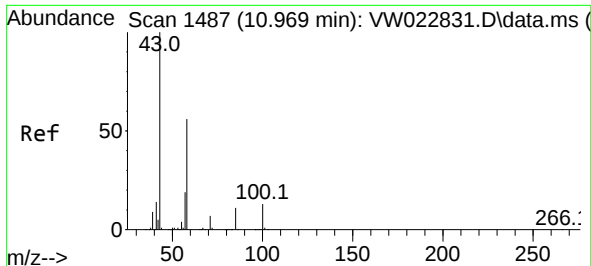
164 100

129 103.7 76.9 142.7

131 97.2 75.1 139.5

166 124.4 96.0 178.2

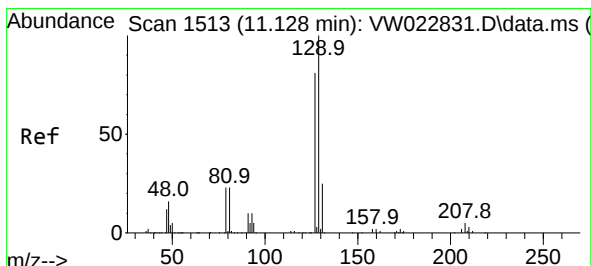
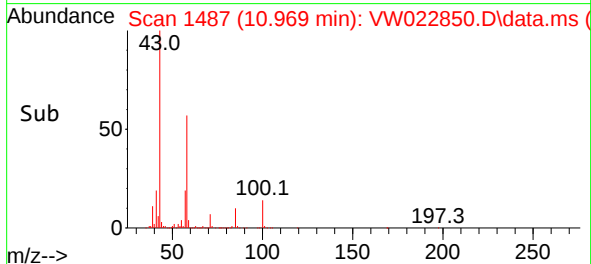
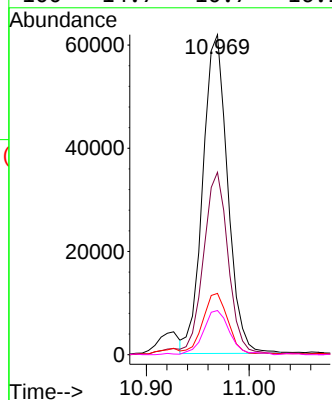
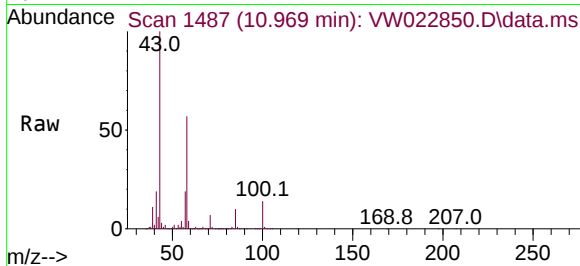




#48
2-Hexanone
Concen: 58.091 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

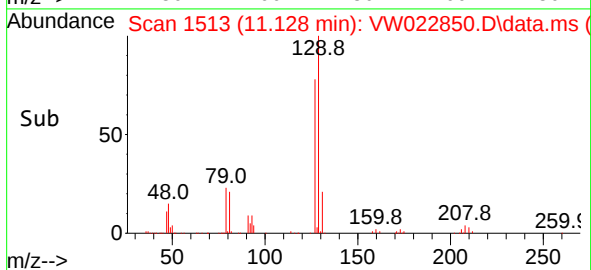
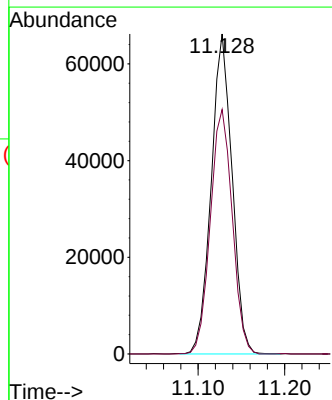
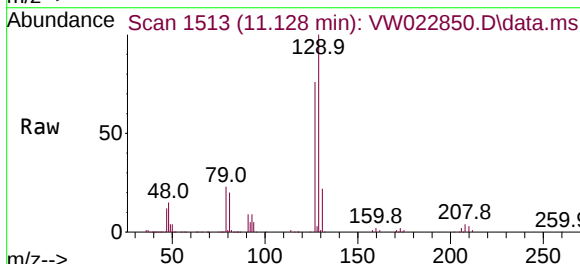
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

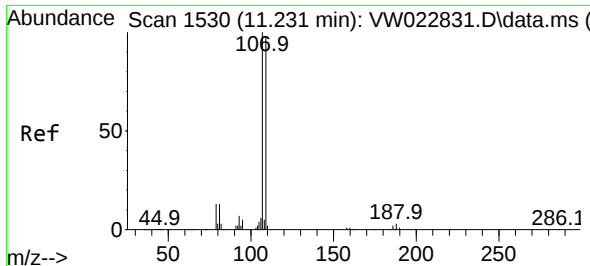
Tgt Ion:	43	Resp:	103913
Ion	Ratio	Lower	Upper
43	100		
58	57.0	45.9	68.9
57	19.4	16.2	24.2
100	14.7	10.7	16.1



#49
Dibromochloromethane
Concen: 25.924 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion:	129	Resp:	110788
Ion	Ratio	Lower	Upper
129	100		
127	76.4	53.8	100.0





#50

1,2-Dibromoethane

Concen: 25.875 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

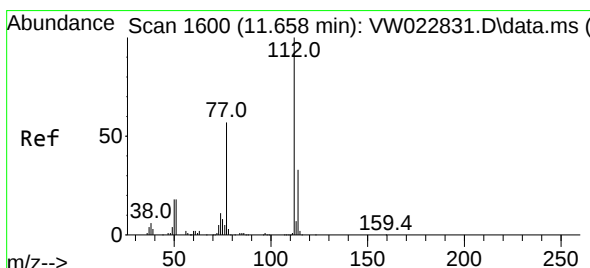
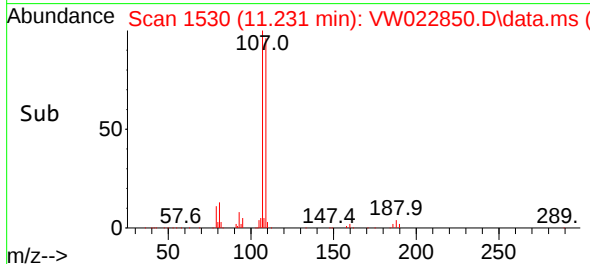
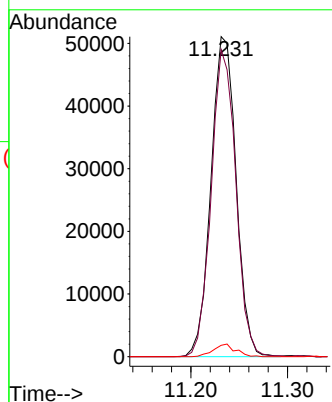
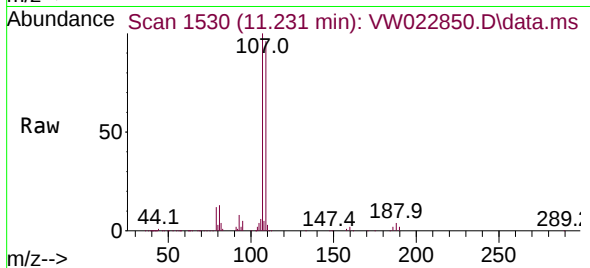
Tgt Ion:107 Resp: 92258

Ion Ratio Lower Upper

107 100

109 96.0 67.5 125.4

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 25.255 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

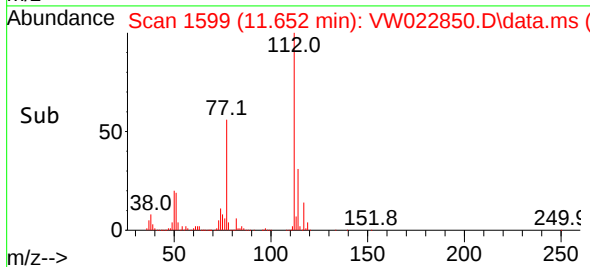
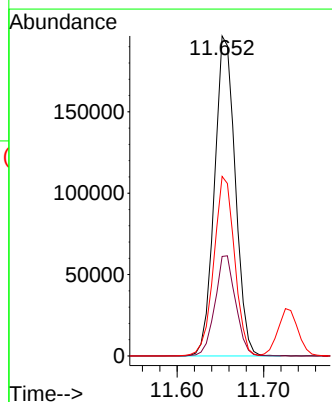
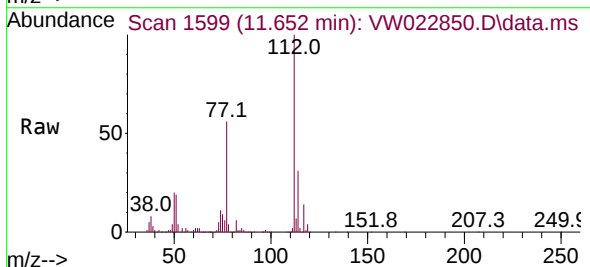
Tgt Ion:112 Resp: 327507

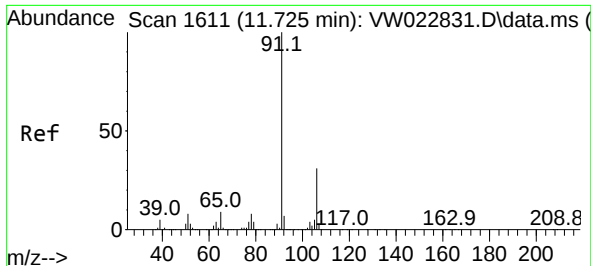
Ion Ratio Lower Upper

112 100

114 31.1 22.0 41.0

77 56.1 42.6 63.8

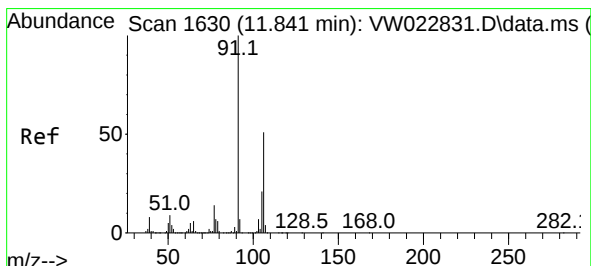
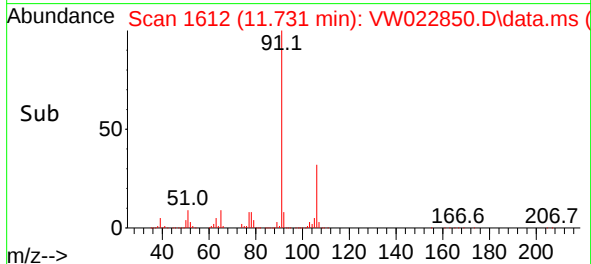
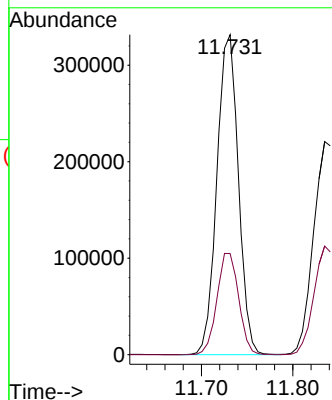
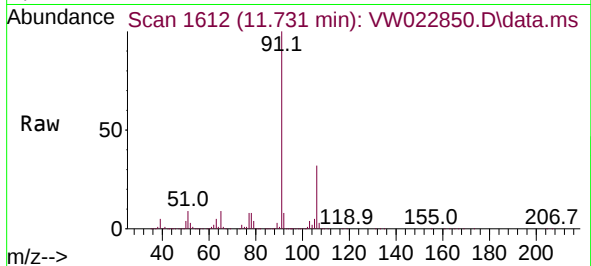




#52
Ethylbenzene
Concen: 24.764 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

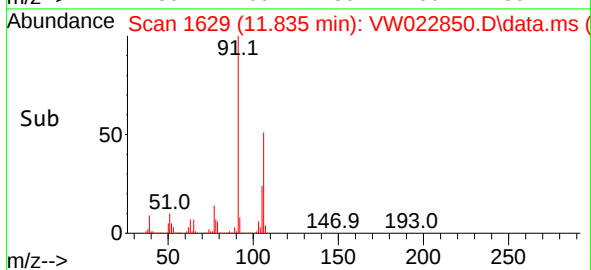
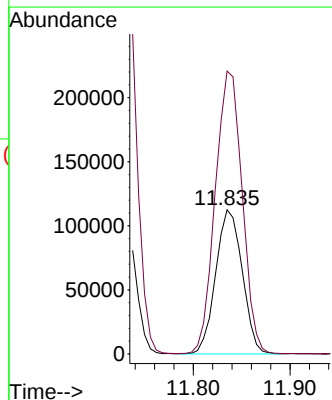
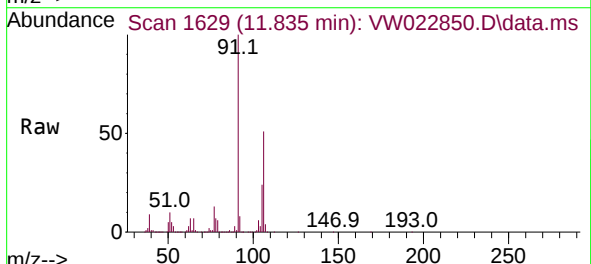
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

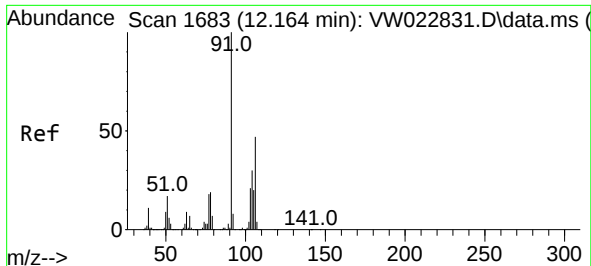
Tgt Ion: 91 Resp: 541927
Ion Ratio Lower Upper
91 100
106 31.6 22.3 41.3



#53
m,p-Xylene
Concen: 24.868 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion: 106 Resp: 214434
Ion Ratio Lower Upper
106 100
91 196.2 136.8 254.0

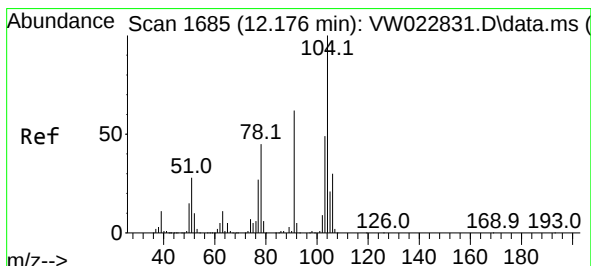
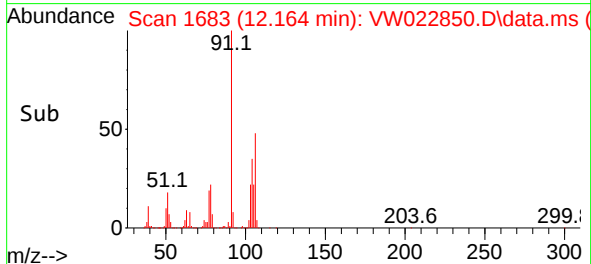
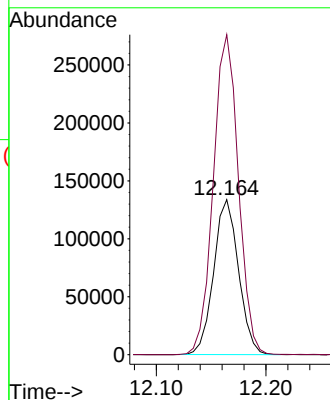
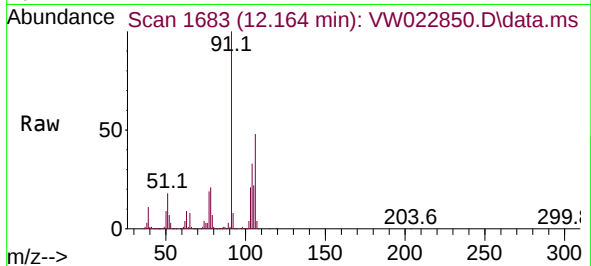




#54
o-Xylene
Concen: 25.467 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

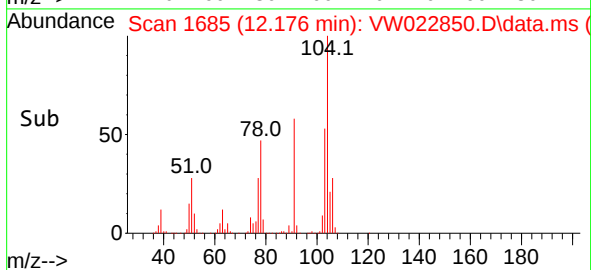
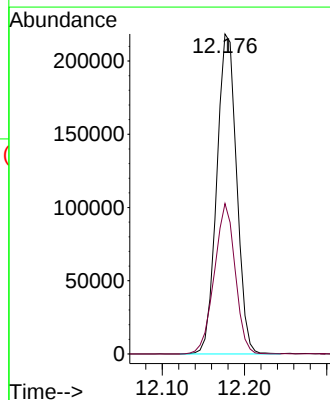
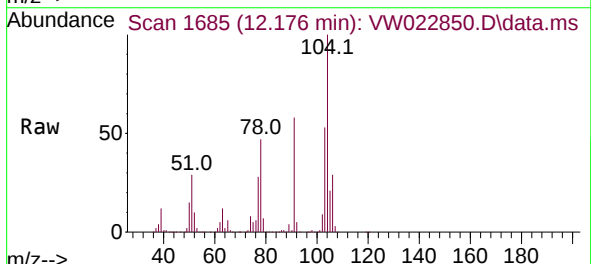
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

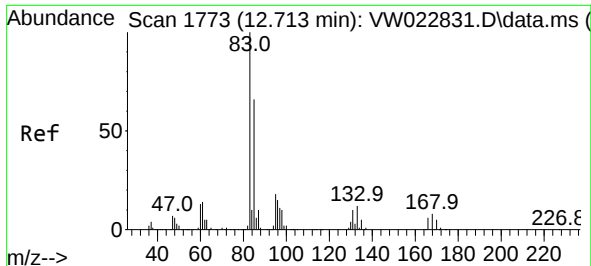
Tgt Ion:106 Resp: 210729
Ion Ratio Lower Upper
106 100
91 206.4 147.2 273.4



#55
Styrene
Concen: 26.058 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion:104 Resp: 366389
Ion Ratio Lower Upper
104 100
78 47.0 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 27.593 ug/L

RT: 12.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

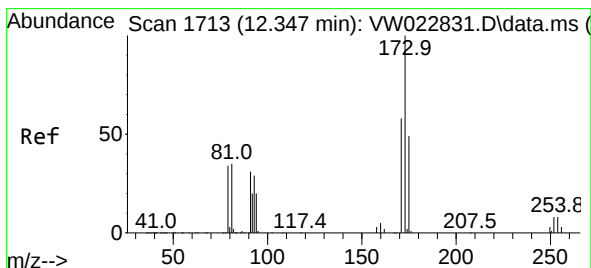
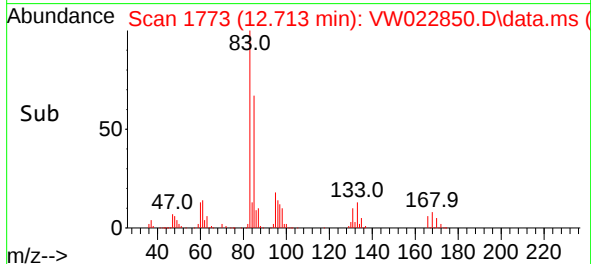
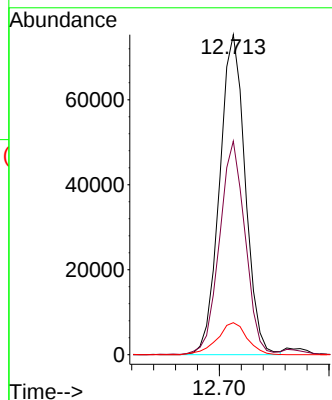
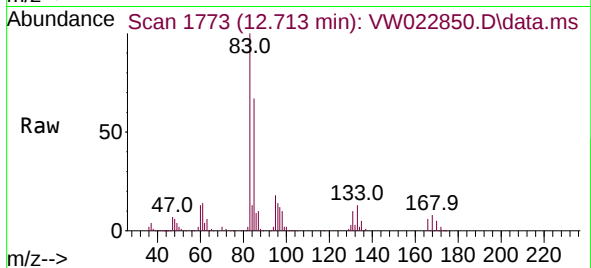
Tgt Ion: 83 Resp: 122376

Ion Ratio Lower Upper

83 100

85 66.8 47.5 88.1

131 10.0 8.7 13.1



#59

Bromoform

Concen: 25.717 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

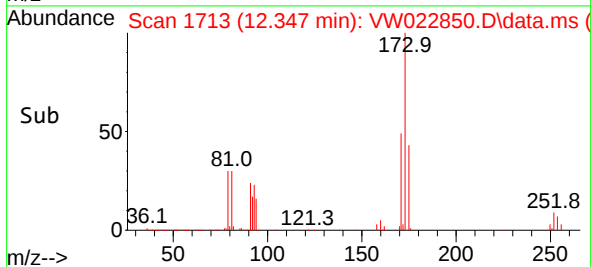
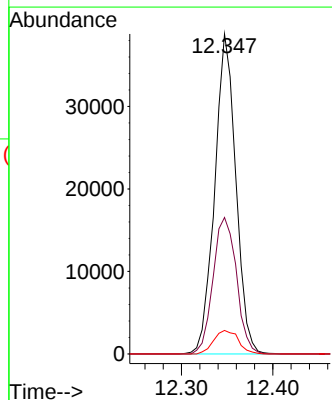
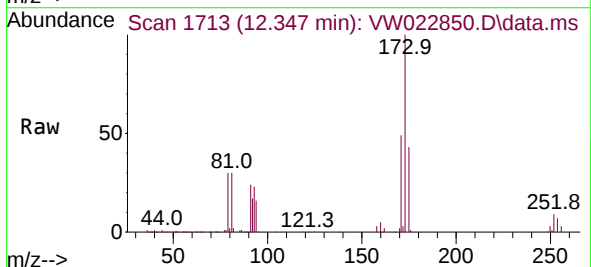
Tgt Ion:173 Resp: 62349

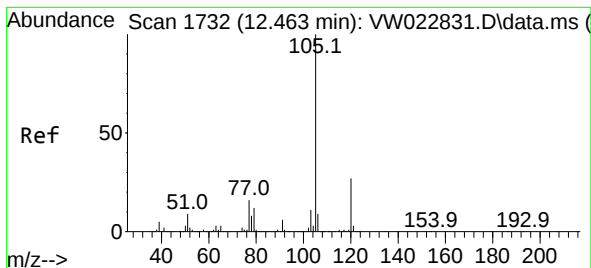
Ion Ratio Lower Upper

173 100

175 47.2 38.1 57.1

254 8.6 6.5 9.7

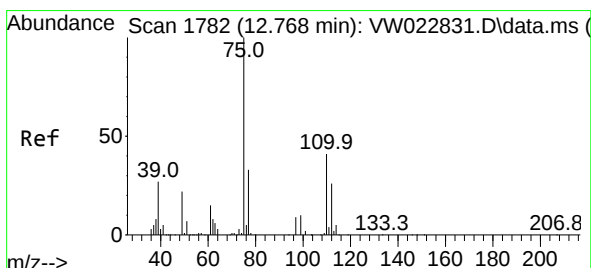
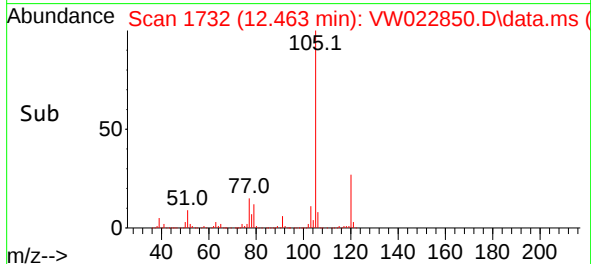
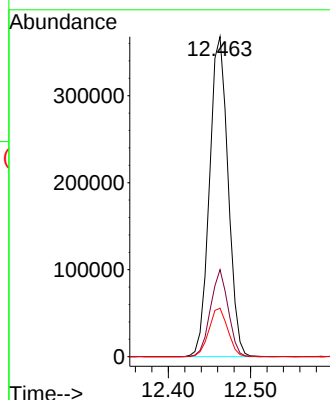
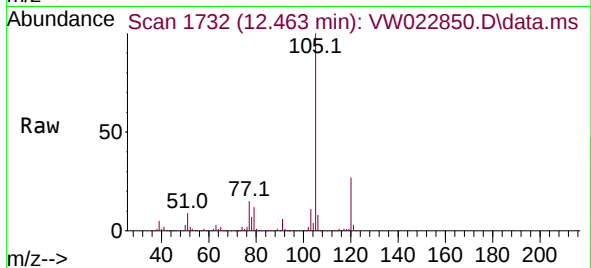




#60
Isopropylbenzene
Concen: 24.648 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

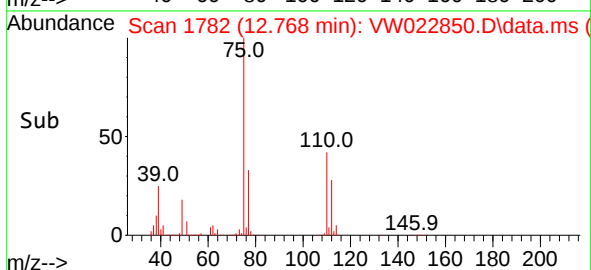
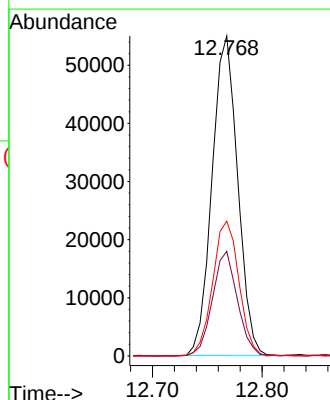
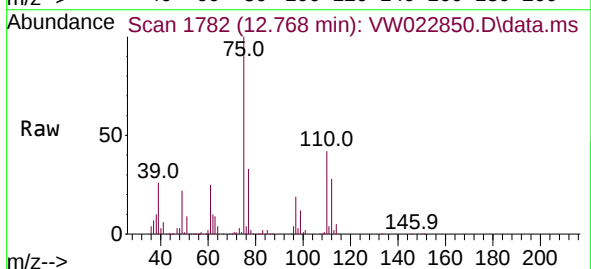
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

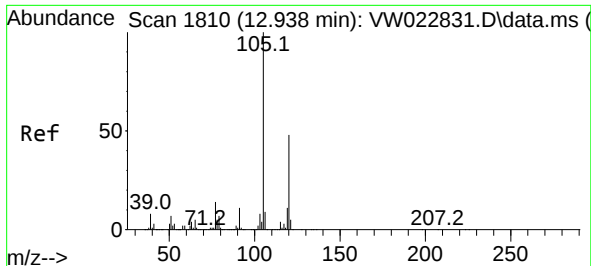
Tgt Ion:105 Resp: 577658
Ion Ratio Lower Upper
105 100
120 25.9 21.3 31.9
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 26.112 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion: 75 Resp: 89257
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
110 43.3 34.1 51.1

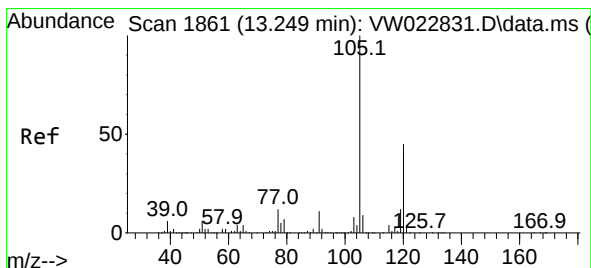
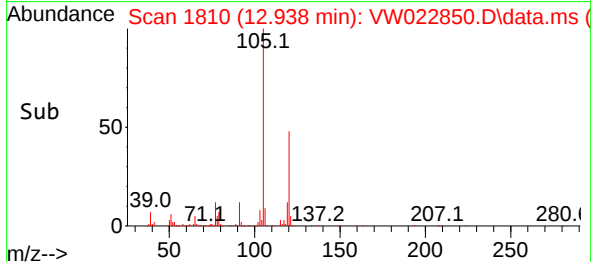
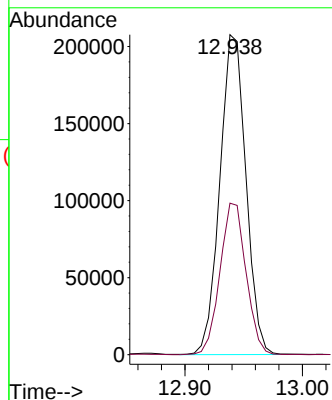
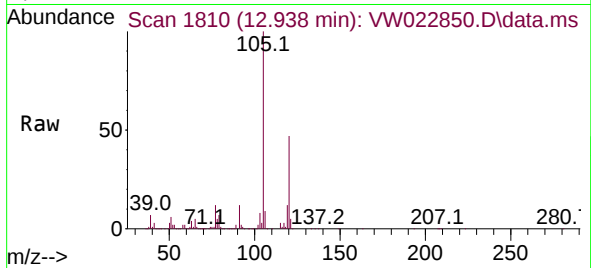




#62
1,3,5-Trimethylbenzene
Concen: 24.551 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

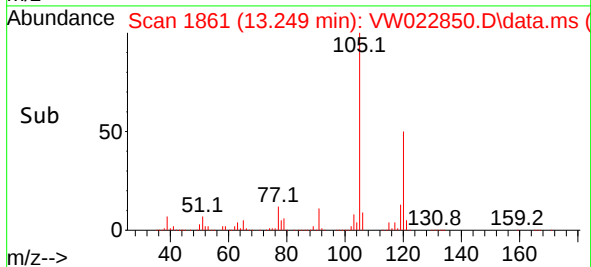
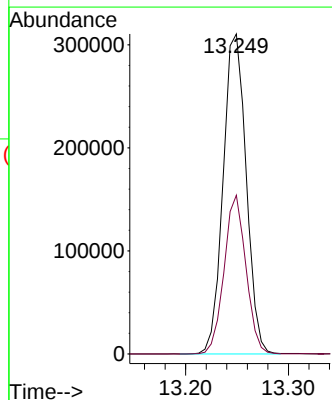
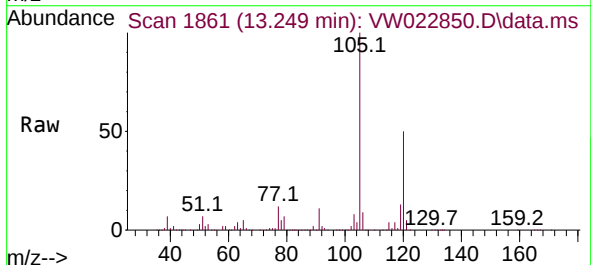
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

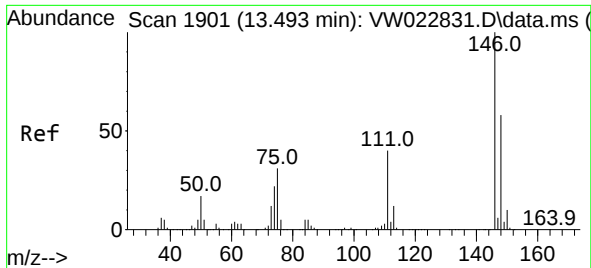
Tgt Ion:105 Resp: 320113
Ion Ratio Lower Upper
105 100
120 47.4 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 24.706 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion:105 Resp: 483703
Ion Ratio Lower Upper
105 100
120 46.9 37.4 56.2

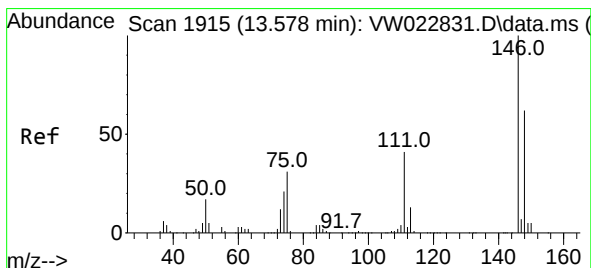
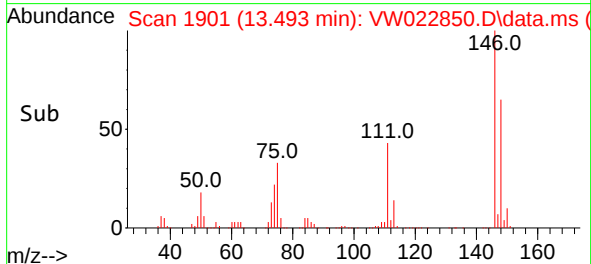
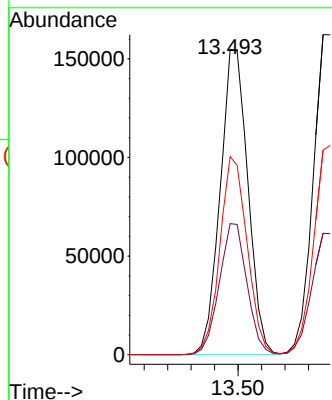
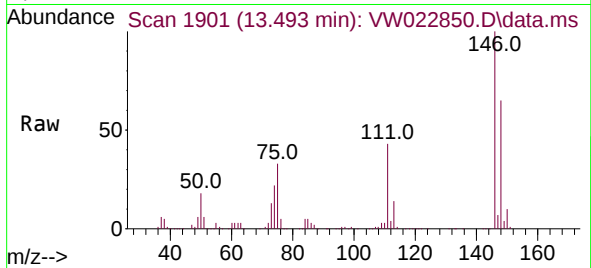




#64
1,3-Dichlorobenzene
Concen: 24.306 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

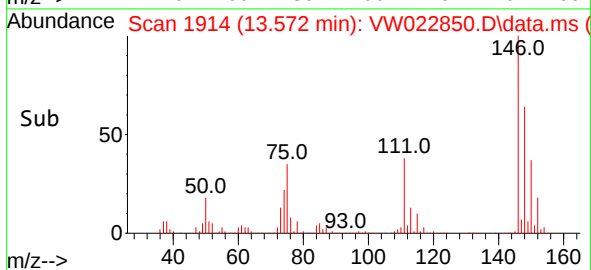
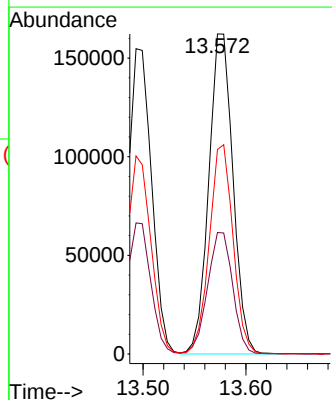
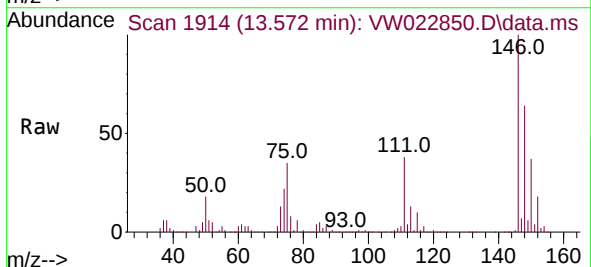
Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

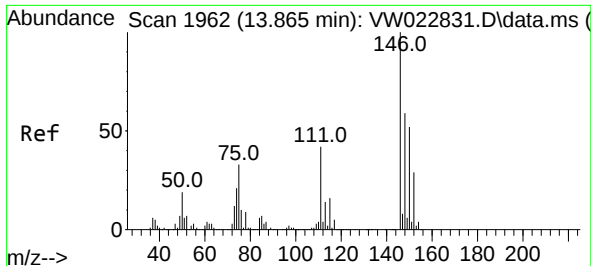
Tgt Ion:146 Resp: 254333
Ion Ratio Lower Upper
146 100
111 42.9 29.5 54.9
148 64.9 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.567 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022850.D
Acq: 05 May 2022 18:26

Tgt Ion:146 Resp: 265525
Ion Ratio Lower Upper
146 100
111 37.9 27.2 50.4
148 63.9 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.093 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

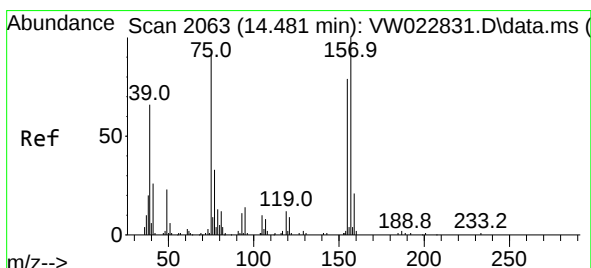
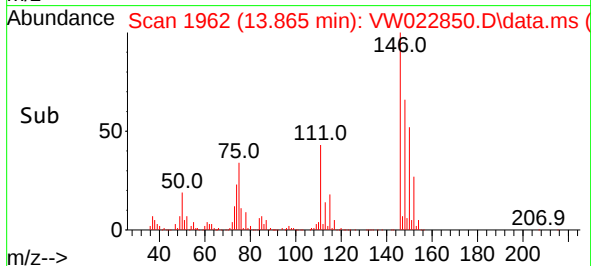
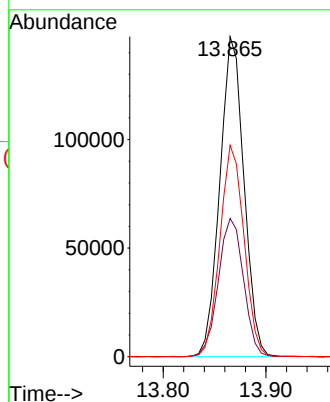
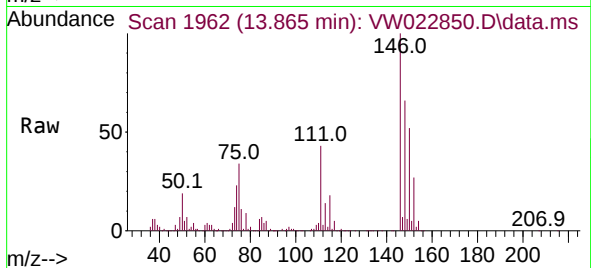
Tgt Ion:146 Resp: 240266

Ion Ratio Lower Upper

146 100

111 43.2 35.7 53.5

148 66.1 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.740 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

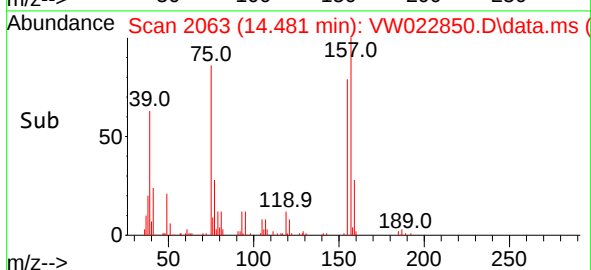
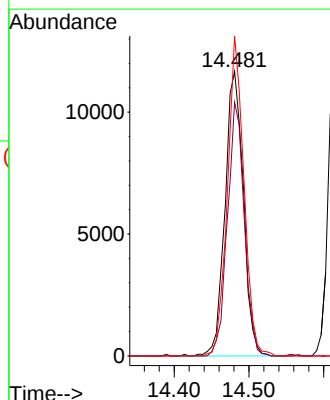
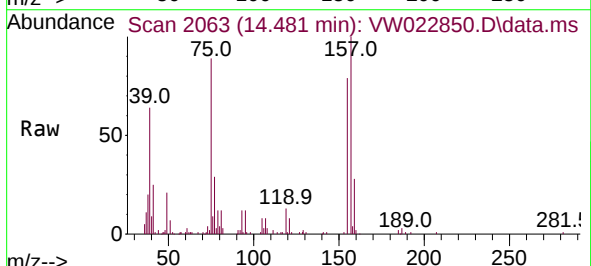
Tgt Ion: 75 Resp: 19976

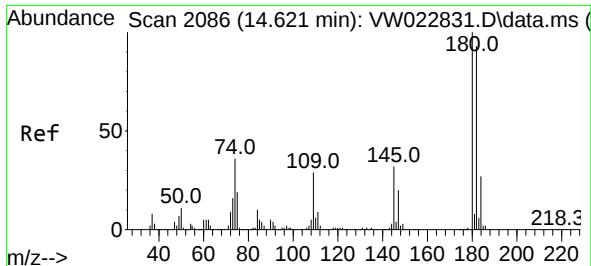
Ion Ratio Lower Upper

75 100

155 89.2 59.3 88.9#

157 112.5 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 24.134 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

Tgt Ion:180 Resp: 167627

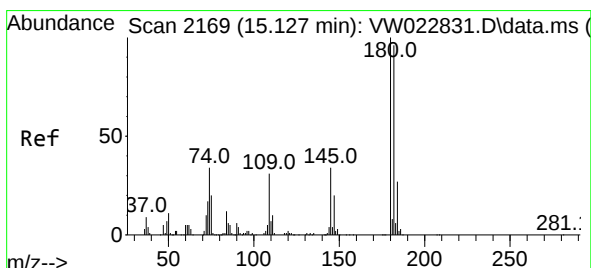
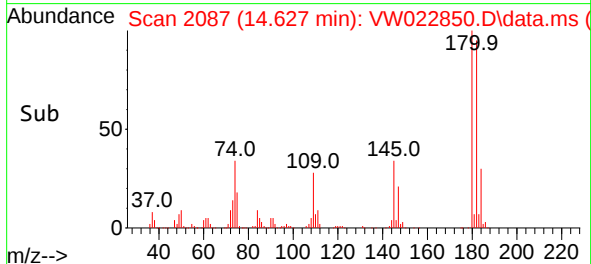
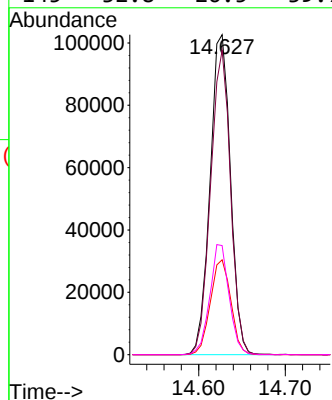
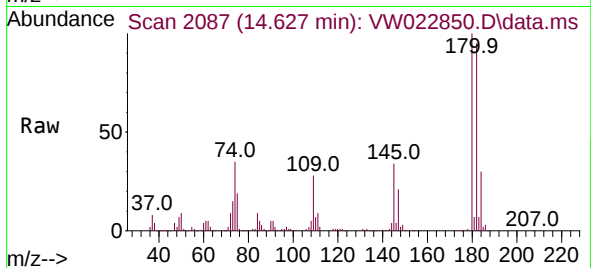
Ion Ratio Lower Upper

180 100

182 93.0 74.8 112.2

184 29.8 23.4 35.2

145 32.8 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 26.051 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

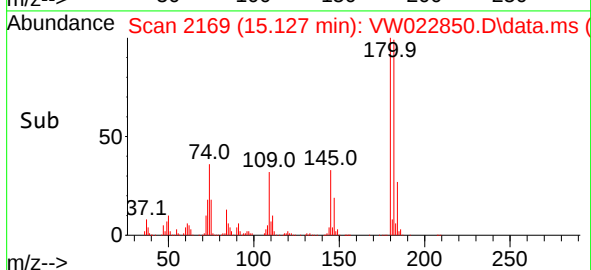
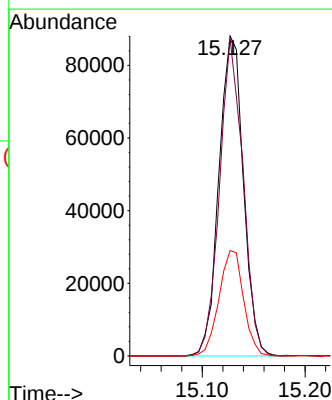
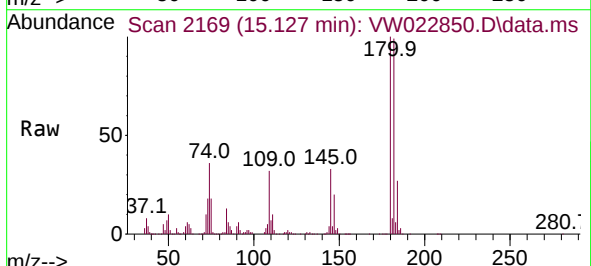
Tgt Ion:180 Resp: 145553

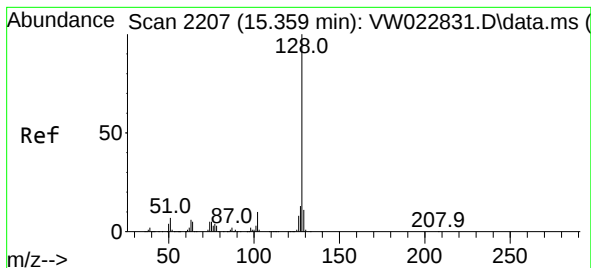
Ion Ratio Lower Upper

180 100

182 95.0 74.9 112.3

145 33.2 26.6 39.8





#71

Naphthalene

Concen: 28.722 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025517

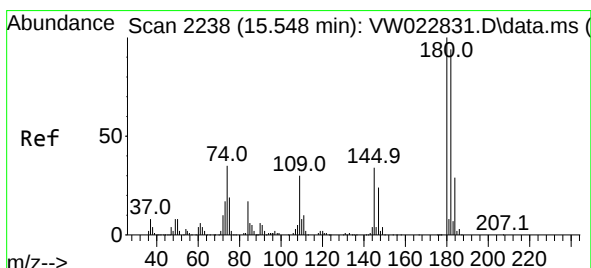
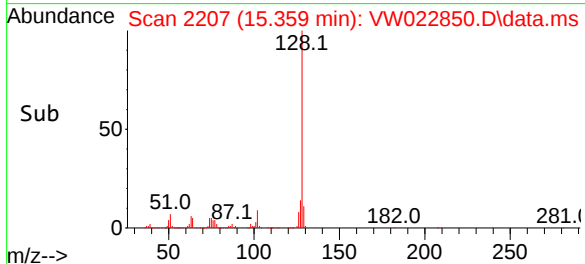
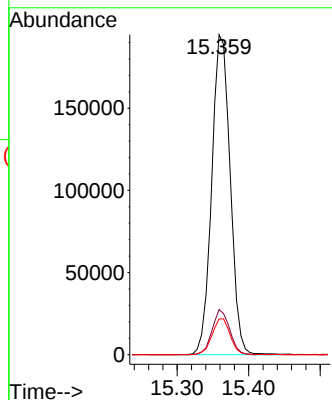
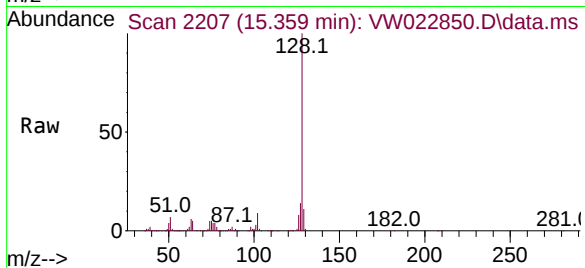
Tgt Ion:128 Resp: 348791

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.574 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022850.D

Acq: 05 May 2022 18:26

Tgt Ion:180 Resp: 126640

Ion Ratio Lower Upper

180 100

182 96.7 73.5 110.3

145 38.0 27.9 41.9

