

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023304.D
 Acq On : 25 May 2022 05:15
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025550

Quant Time: May 25 06:01:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 25 04:05:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	367921	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	373264	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	211880	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	130654	17.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.240%
7) Chloroethane-d5	2.879	69	88178	17.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.840%
11) 1,1-Dichloroethene-d2	4.026	63	190392	19.521	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.080%
21) 2-Butanone-d5	7.080	46	68681	47.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.700%
24) Chloroform-d	7.647	84	250527	23.242	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.960%
26) 1,2-Dichloroethane-d4	8.305	65	134756	22.794	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.160%
32) Benzene-d6	8.275	84	472110	21.944	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.760%
36) 1,2-Dichloropropane-d6	9.275	67	138649	22.942	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.760%
41) Toluene-d8	10.323	98	455705	21.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.720%
43) trans-1,3-Dichloroprop...	10.579	79	59588	21.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.640%
47) 2-Hexanone-d5	10.921	63	57131	49.520	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	137131	24.344	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.360%
66) 1,2-Dichlorobenzene-d4	13.847	152	185044	24.984	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	43640	21.758	ug/L	93
3) Chloromethane	2.215	50	115997	29.929	ug/L	98
5) Vinyl chloride	2.361	62	172911	22.230	ug/L	98
6) Bromomethane	2.770	94	77746	15.568	ug/L	99
8) Chloroethane	2.916	64	80327	21.412	ug/L	99
9) Trichlorofluoromethane	3.257	101	65823	18.515	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	127199	23.929	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	113720	24.133	ug/L	81
13) Acetone	4.129	43	42711	39.749	ug/L	98
14) Carbon disulfide	4.385	76	286653	22.188	ug/L	98
15) Methyl Acetate	4.672	43	55352	25.641	ug/L	96
16) Methylene chloride	4.909	84	150511	27.957	ug/L	92
17) trans-1,2-Dichloroethene	5.422	96	132453	24.977	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	226063	27.926	ug/L	100
19) 1,1-Dichloroethane	6.214	63	226782	25.233	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	150234	26.376	ug/L #	97
22) 2-Butanone	7.171	43	71133	47.337	ug/L	99
23) Bromochloromethane	7.513	128	73510	27.558	ug/L	87
25) Chloroform	7.677	83	260844	26.247	ug/L	94

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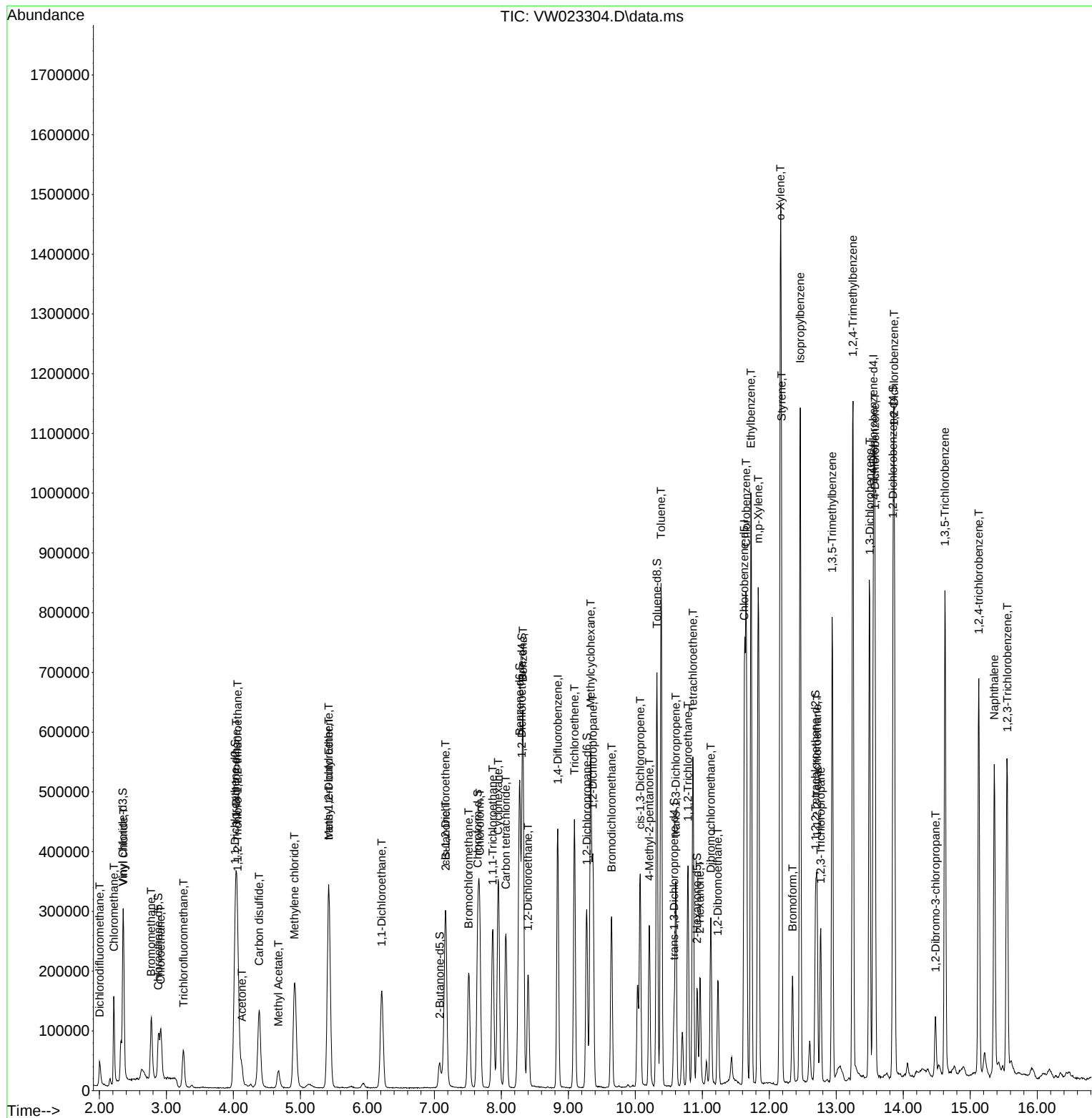
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27) 1,2-Dichloroethane	8.397	62	168203	25.391	ug/L	100
29) Cyclohexane	7.952	56	188986	23.411	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	216530	24.547	ug/L	99
31) Carbon tetrachloride	8.067	117	194677	23.593	ug/L	99
33) Benzene	8.323	78	547215	24.886	ug/L	100
34) Trichloroethene	9.092	95	148839	24.613	ug/L	96
35) Methylcyclohexane	9.336	83	231438	23.296	ug/L	99
37) 1,2-Dichloropropane	9.366	63	132991	24.992	ug/L	100
38) Bromodichloromethane	9.646	83	184971	24.473	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	201841	24.462	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	165712	49.407	ug/L	96
42) Toluene	10.384	91	618371	25.093	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	181118	24.593	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	115336	25.927	ug/L	94
46) Tetrachloroethene	10.860	164	118967	26.178	ug/L	87
48) 2-Hexanone	10.963	43	111234	49.636	ug/L	99
49) Dibromochloromethane	11.128	129	141663	26.460	ug/L	98
50) 1,2-Dibromoethane	11.232	107	114507	25.635	ug/L	96
51) Chlorobenzene	11.652	112	424701	26.142	ug/L	99
52) Ethylbenzene	11.725	91	696223	25.395	ug/L	100
53) m,p-Xylene	11.835	106	280071	25.926	ug/L	99
54) o-Xylene	12.164	106	274956	26.524	ug/L	99
55) Styrene	12.183	104	466233	26.468	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	139295	25.070	ug/L	98
59) Bromoform	12.347	173	78653	26.194	ug/L	99
60) Isopropylbenzene	12.463	105	720451	24.820	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	100196	23.667	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	413628	25.614	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	631356	26.038	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	348106	26.861	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	350420	26.178	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	303164	25.564	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	21722	23.477	ug/L #	92
69) 1,3,5-Trichlorobenzene	14.621	180	236221	27.460	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	200248	28.938	ug/L	98
71) Naphthalene	15.359	128	445774	29.639	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	173650	28.314	ug/L	95

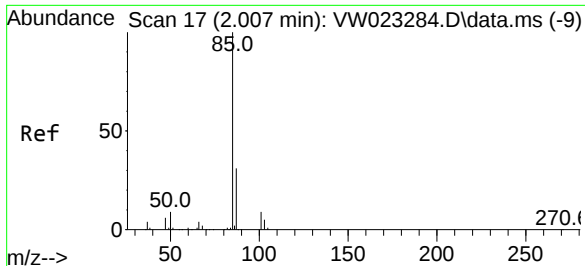
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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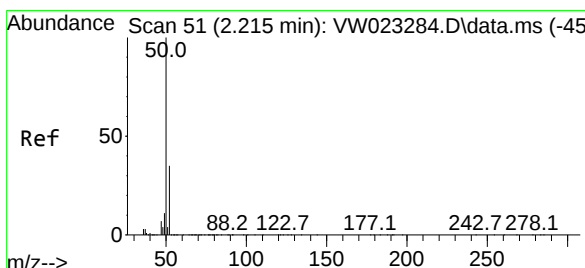
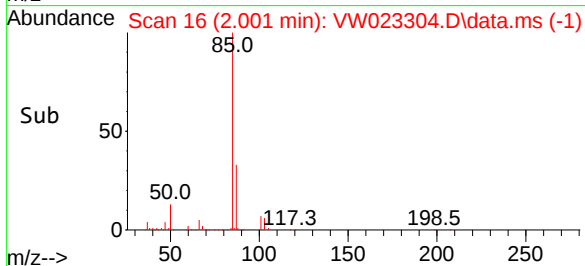
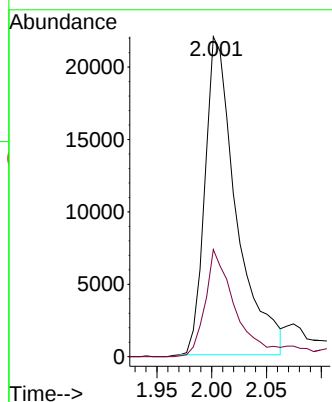
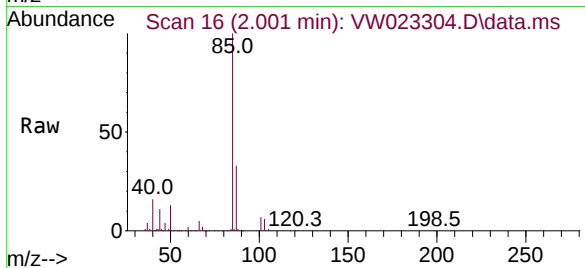




#2
Dichlorodifluoromethane
Concen: 21.758 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

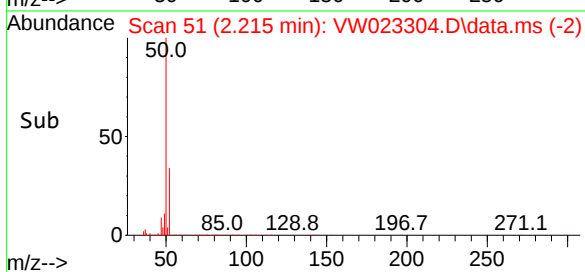
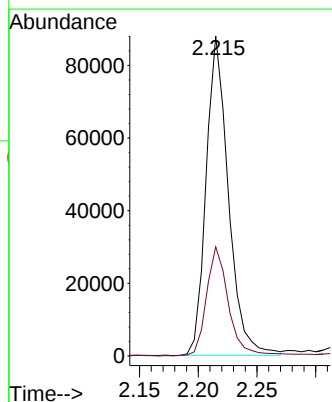
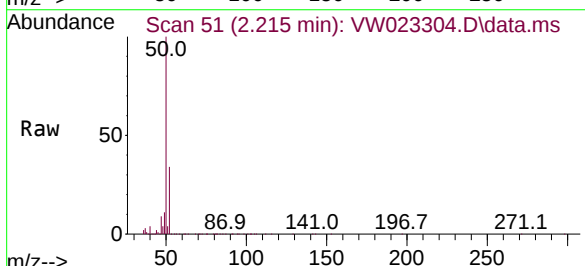
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

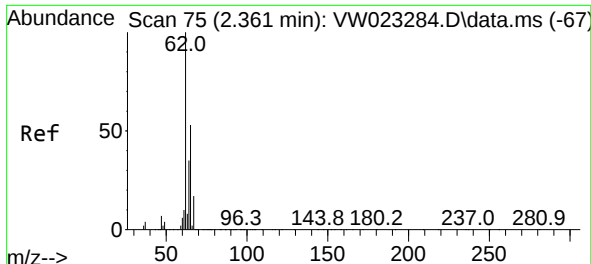
Tgt Ion: 85 Resp: 43640
Ion Ratio Lower Upper
85 100
87 30.9 27.8 41.8



#3
Chloromethane
Concen: 29.929 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

Tgt Ion: 50 Resp: 115997
Ion Ratio Lower Upper
50 100
52 34.1 23.1 42.9

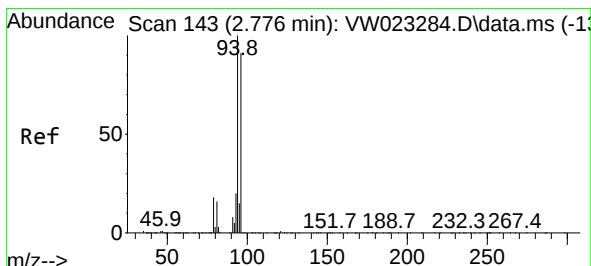
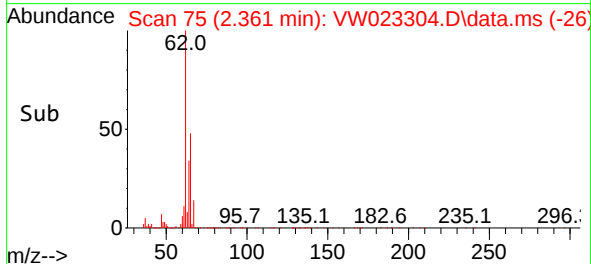
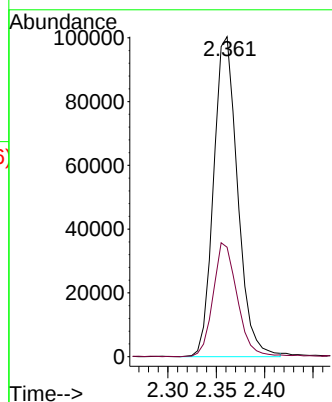
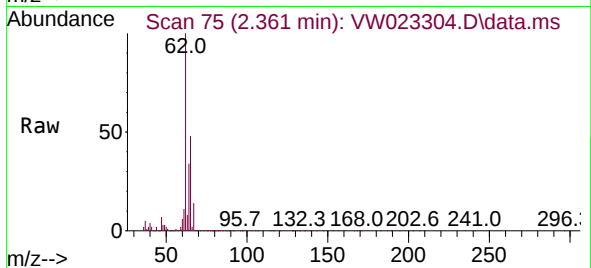




#5
 Vinyl chloride
 Concen: 22.230 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023304.D
 Acq: 25 May 2022 05:15

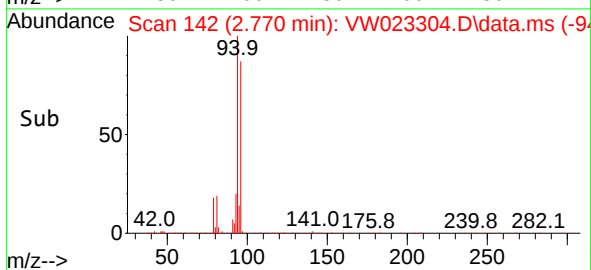
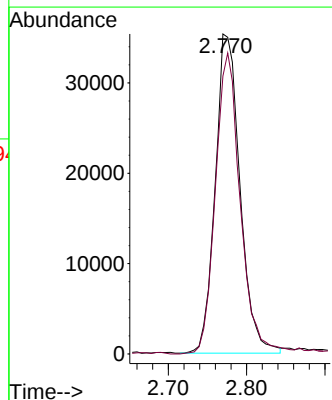
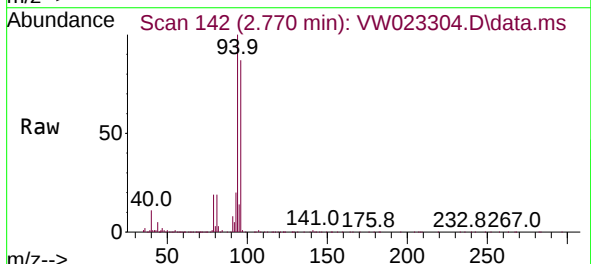
Instrument :
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 ClientSampleId :
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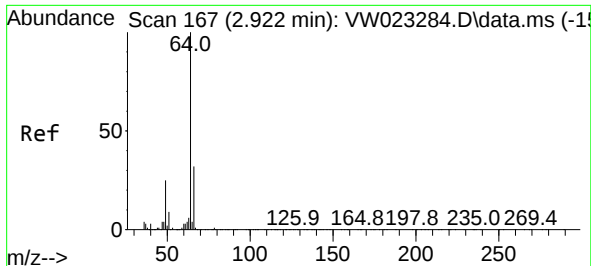
Tgt Ion: 62 Resp: 172911
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.9 46.3



#6
 Bromomethane
 Concen: 15.568 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023304.D
 Acq: 25 May 2022 05:15

Tgt Ion: 94 Resp: 77746
 Ion Ratio Lower Upper
 94 100
 96 86.9 61.7 114.5

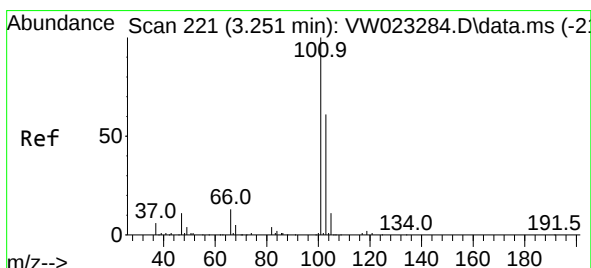
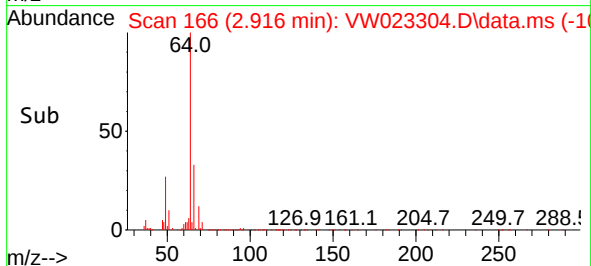
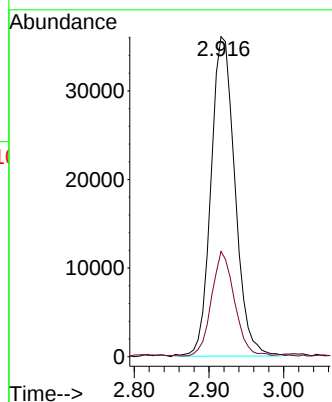
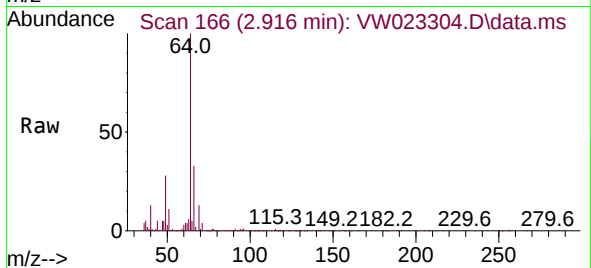




#8
Chloroethane
Concen: 21.412 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

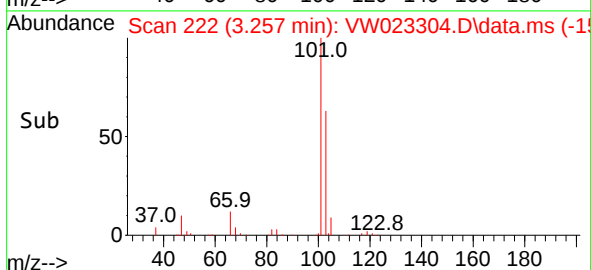
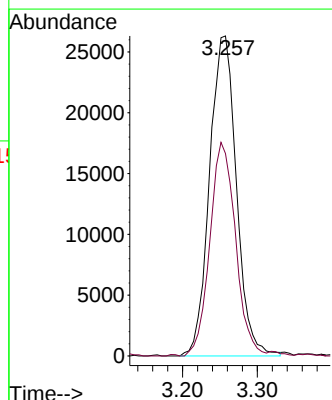
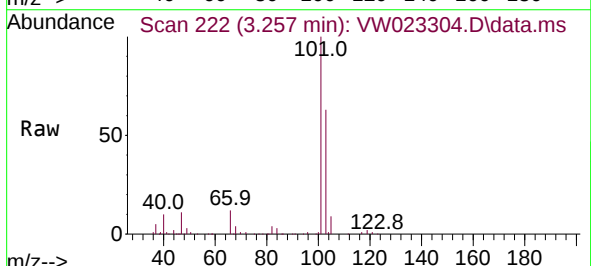
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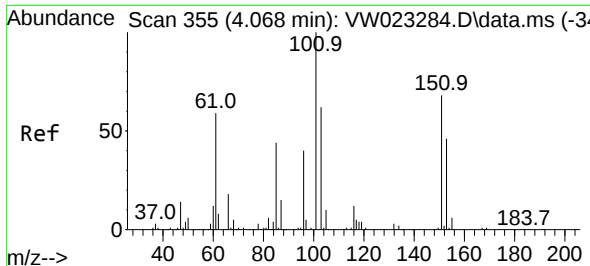
Tgt Ion: 64 Resp: 80327
Ion Ratio Lower Upper
64 100
66 32.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.515 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

Tgt Ion: 101 Resp: 65823
Ion Ratio Lower Upper
101 100
103 63.8 53.9 80.9

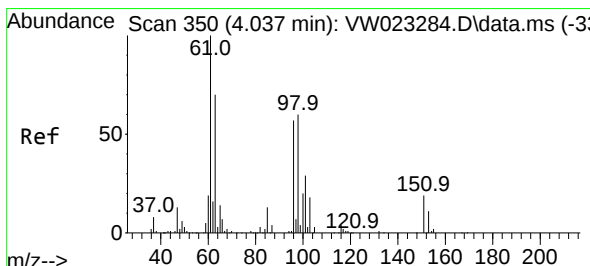
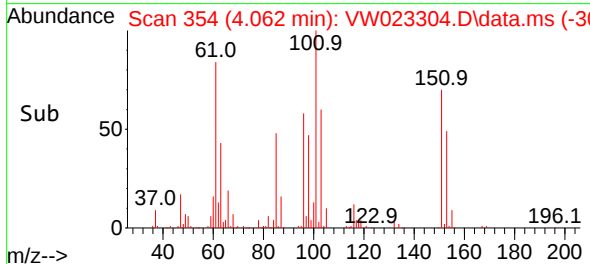
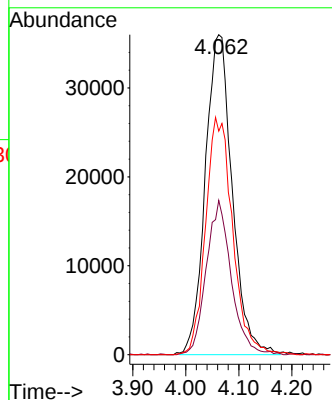
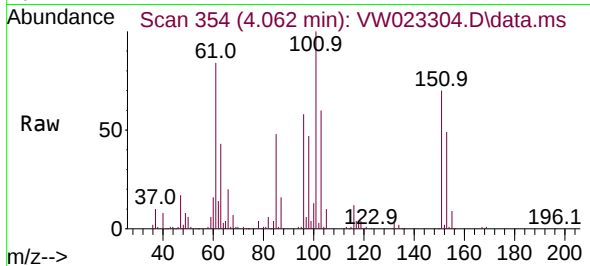




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.929 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW023304.D
 Acq: 25 May 2022 05:15

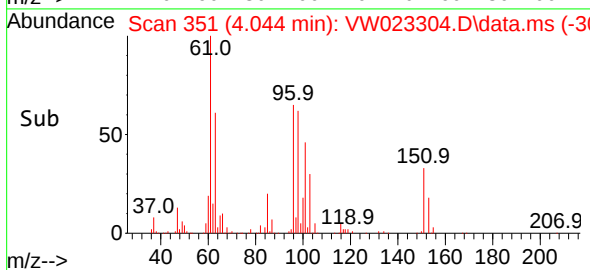
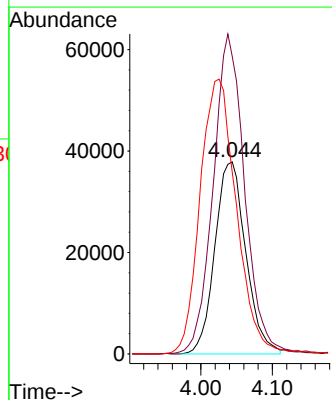
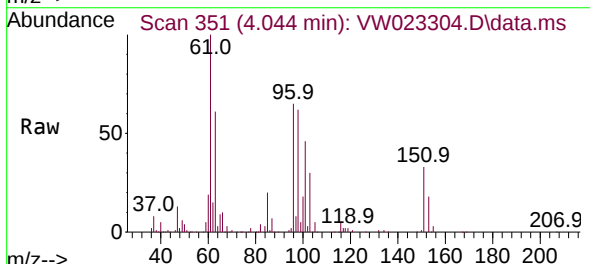
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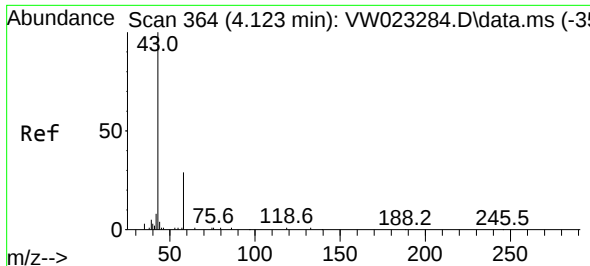
Tgt Ion:101 Resp: 127199
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.3 51.5
 151 38.7 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 24.133 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023304.D
 Acq: 25 May 2022 05:15

Tgt Ion: 96 Resp: 113720
 Ion Ratio Lower Upper
 96 100
 61 154.9 125.7 233.5
 63 94.8 83.4 155.0





#13

Acetone

Concen: 39.749 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

Instrument :

MSVOA_W

ClientSampleId :

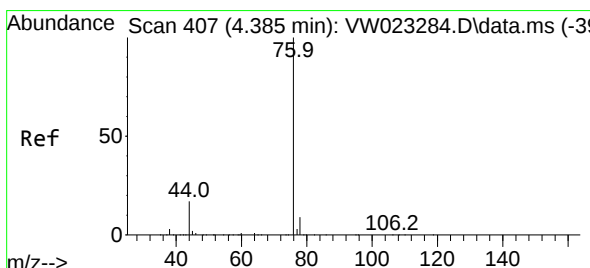
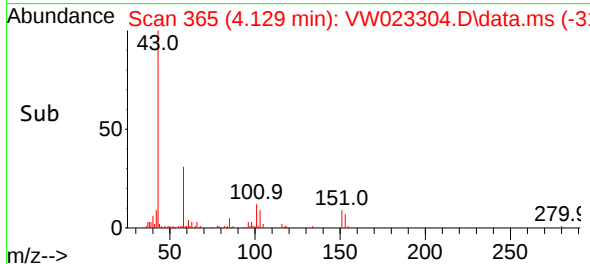
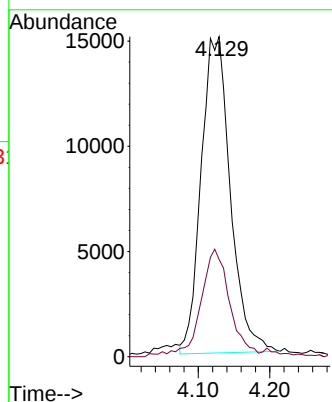
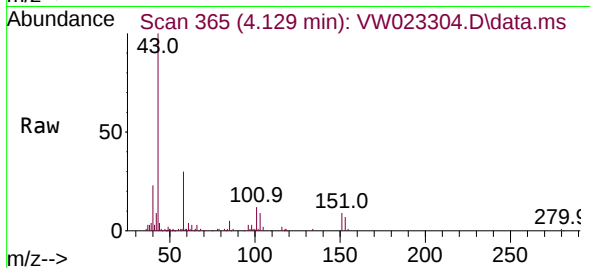
VSTD025550

Tgt Ion: 43 Resp: 42711

Ion Ratio Lower Upper

43 100

58 33.1 0.0 64.0



#14

Carbon disulfide

Concen: 22.188 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW023304.D

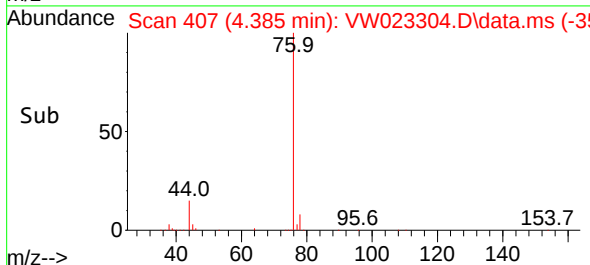
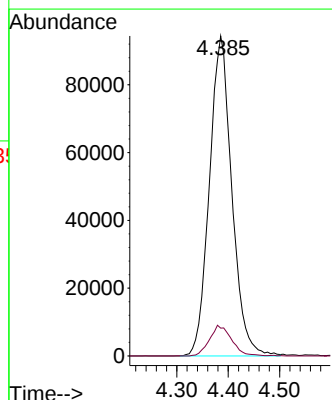
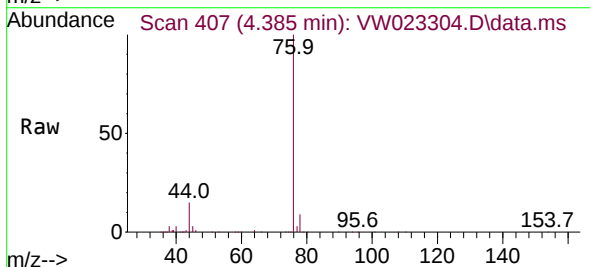
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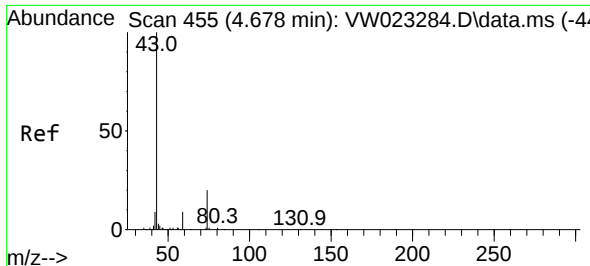
Tgt Ion: 76 Resp: 286653

Ion Ratio Lower Upper

76 100

78 8.7 7.7 11.5

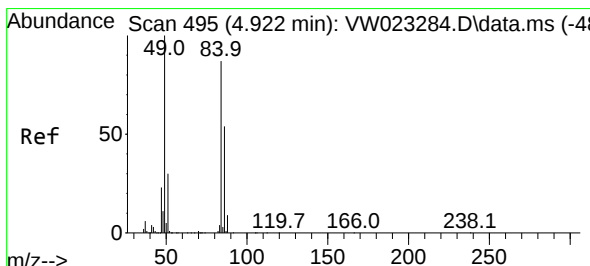
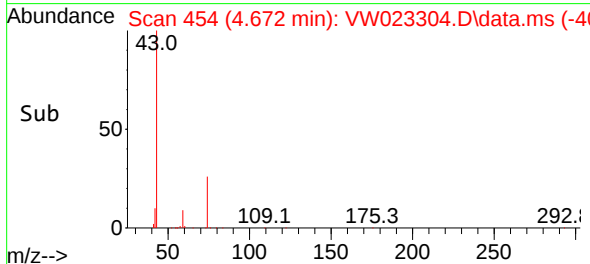
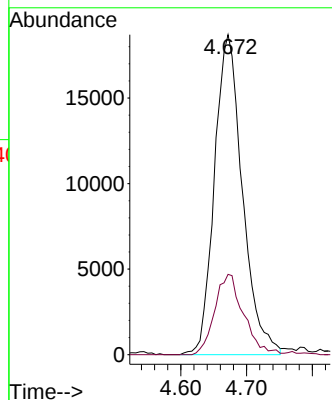
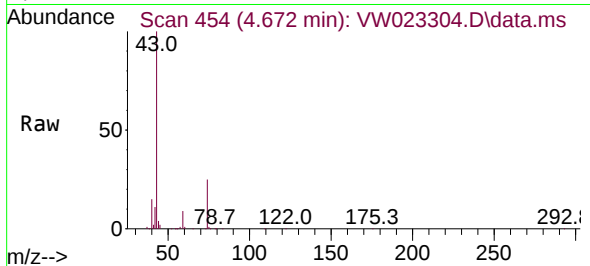




#15
Methyl Acetate
Concen: 25.641 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

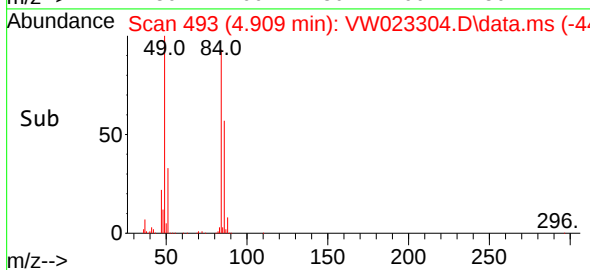
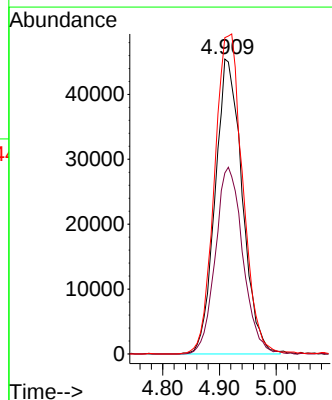
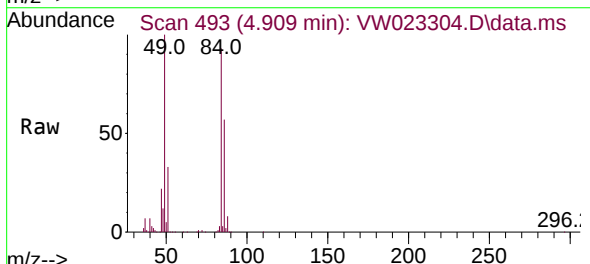
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

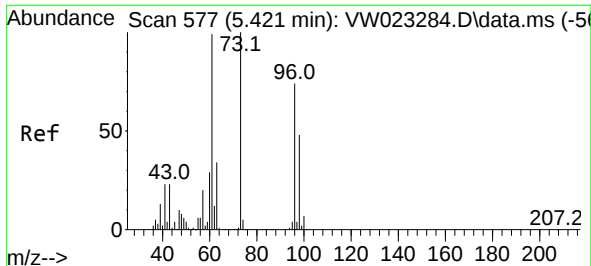
Tgt Ion: 43 Resp: 55352
Ion Ratio Lower Upper
43 100
74 25.3 21.9 32.9



#16
Methylene chloride
Concen: 27.957 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

Tgt Ion: 84 Resp: 150511
Ion Ratio Lower Upper
84 100
86 61.4 45.4 84.4
49 107.3 82.5 153.1

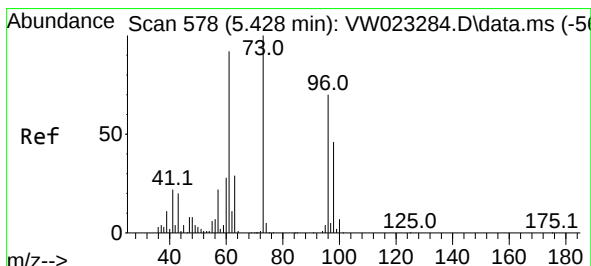
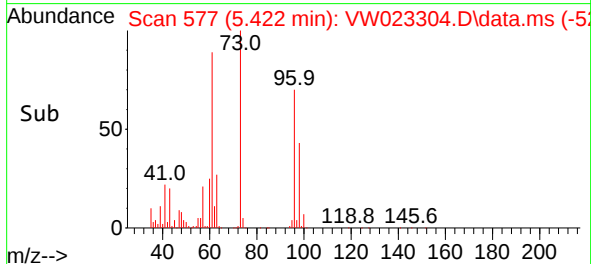
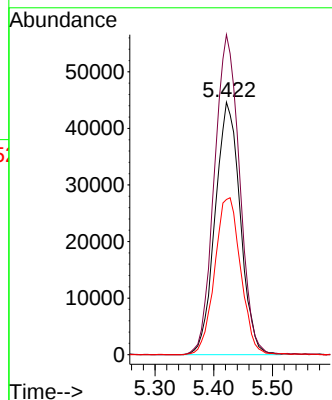
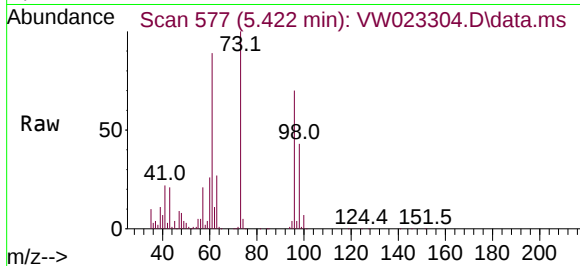




#17
trans-1,2-Dichloroethene
Concen: 24.977 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

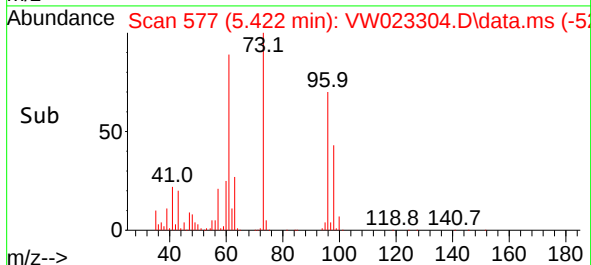
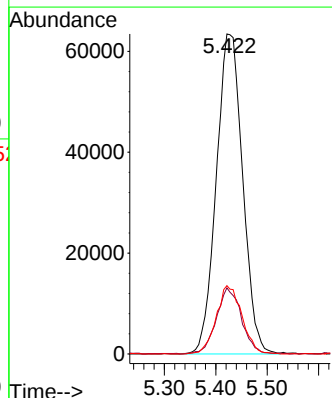
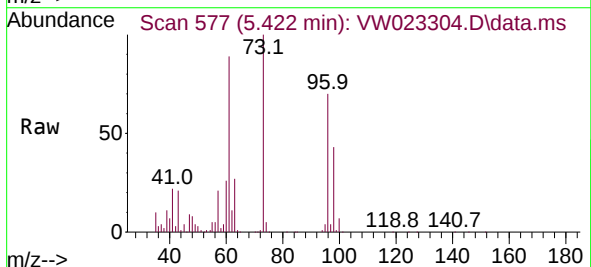
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

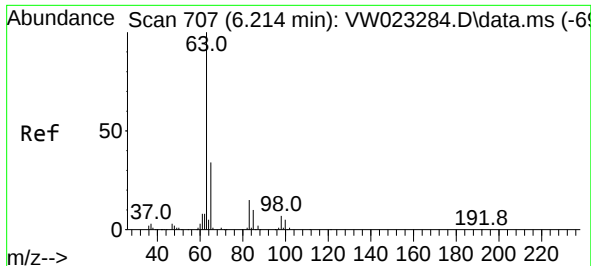
Tgt Ion: 96 Resp: 132453
Ion Ratio Lower Upper
96 100
61 126.8 92.2 171.2
98 61.5 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 27.926 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

Tgt Ion: 73 Resp: 226063
Ion Ratio Lower Upper
73 100
43 19.7 15.9 23.9
57 20.7 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.233 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

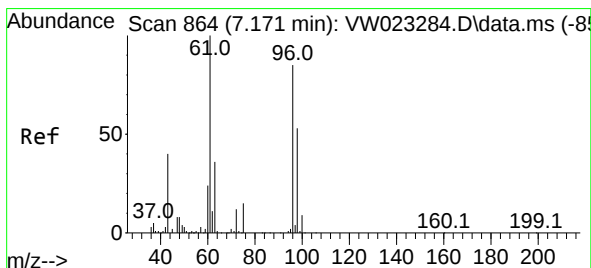
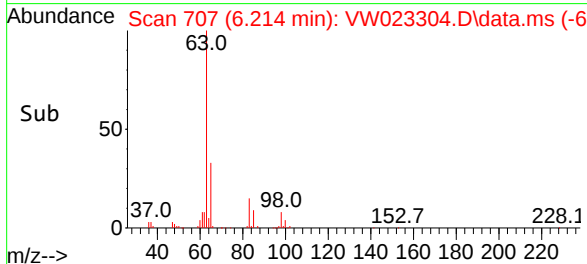
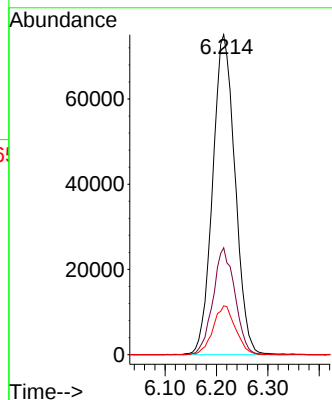
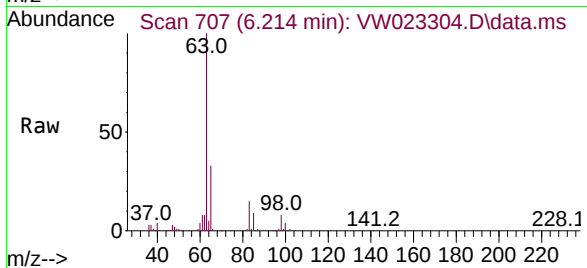
Tgt Ion: 63 Resp: 226782

Ion Ratio Lower Upper

63 100

65 33.4 23.3 43.3

83 15.3 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 26.376 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

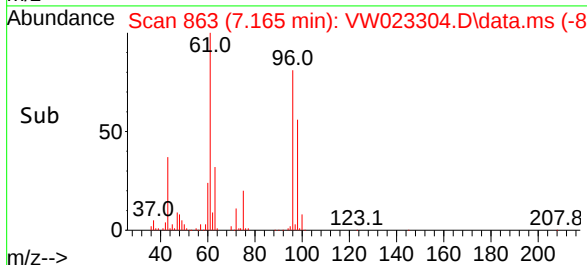
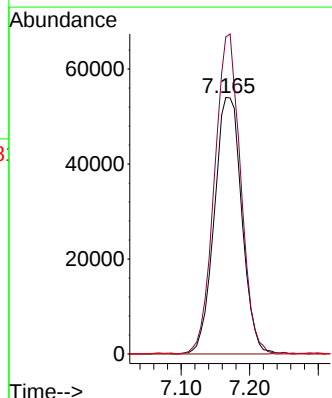
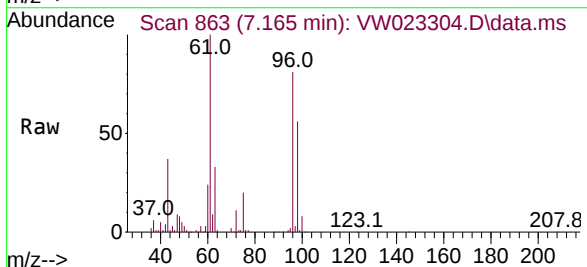
Tgt Ion: 96 Resp: 150234

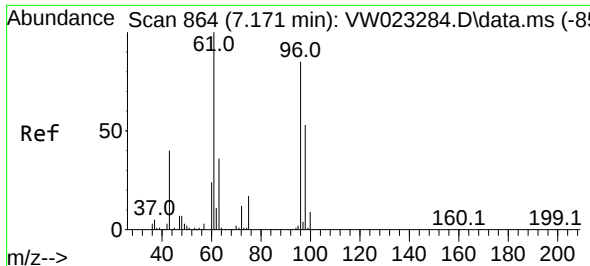
Ion Ratio Lower Upper

96 100

61 123.5 84.2 156.4

68 0.0 0.1 0.1#





#22

2-Butanone

Concen: 47.337 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

Instrument :

MSVOA_W

ClientSampleId :

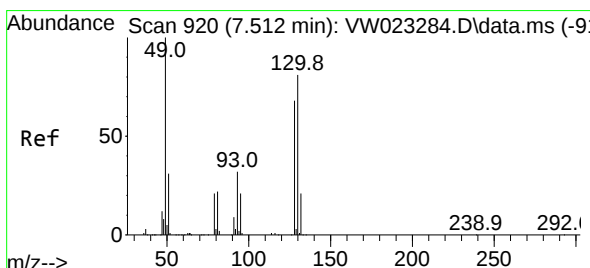
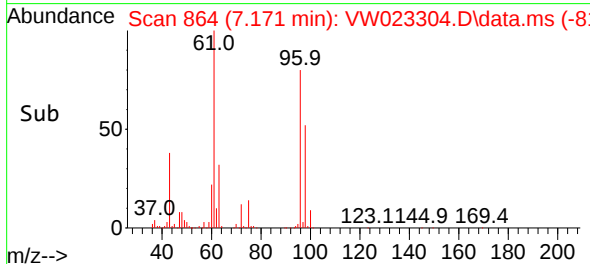
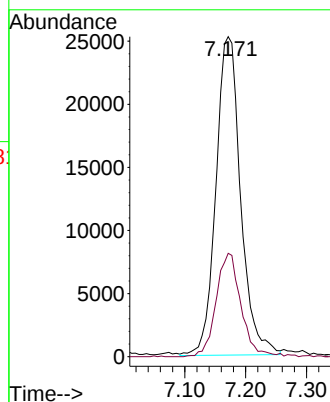
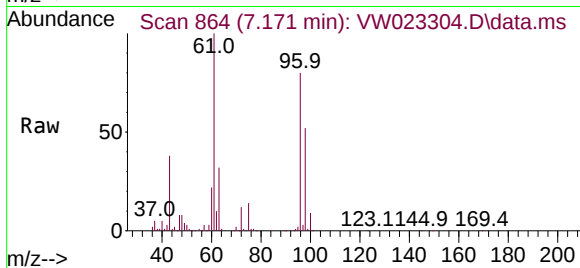
VSTD025550

Tgt Ion: 43 Resp: 71133

Ion Ratio Lower Upper

43 100

72 30.6 15.1 45.3



#23

Bromochloromethane

Concen: 27.558 ug/L

RT: 7.513 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

Tgt Ion: 128 Resp: 73510

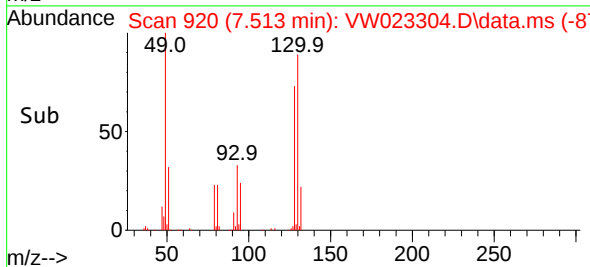
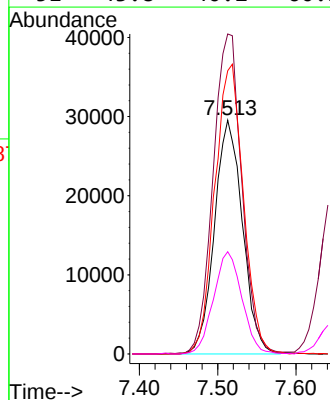
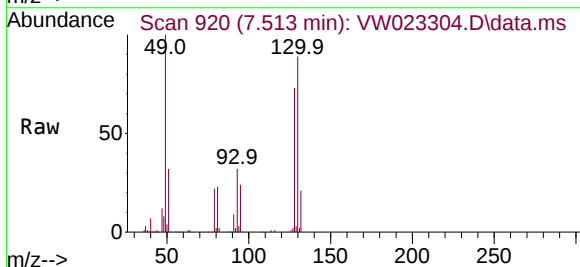
Ion Ratio Lower Upper

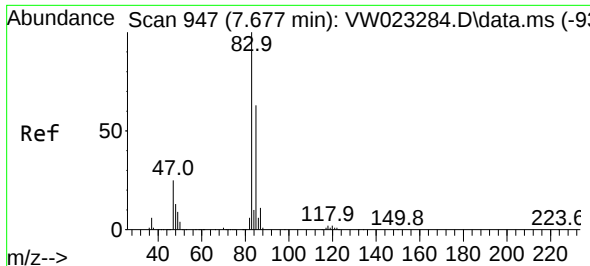
128 100

49 136.9 110.0 204.4

130 121.2 94.8 176.0

51 43.8 40.2 60.2

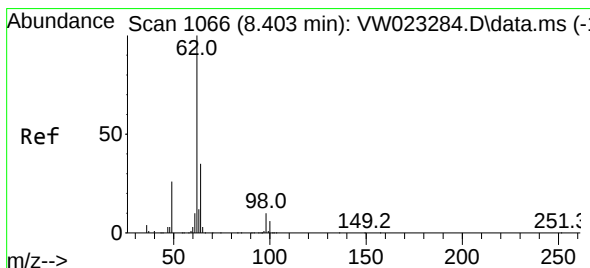
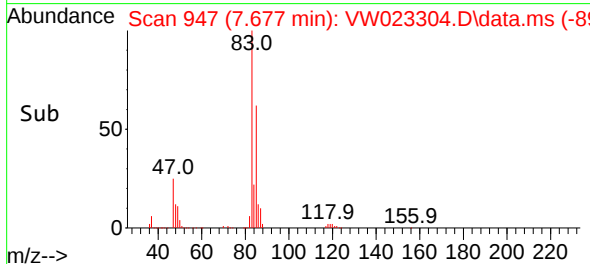
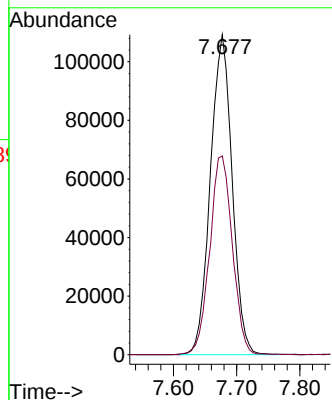
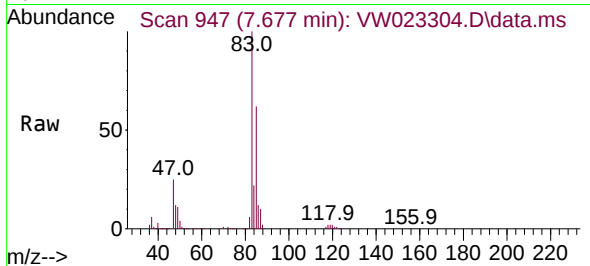




#25
Chloroform
Concen: 26.247 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

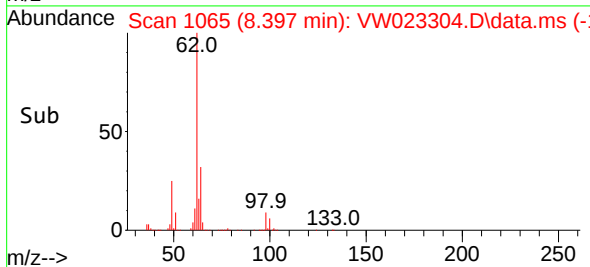
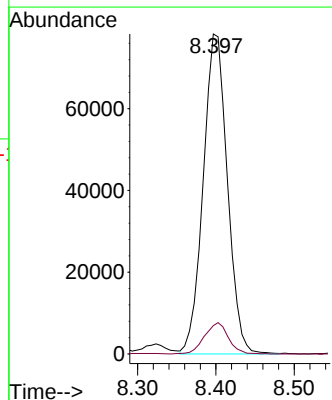
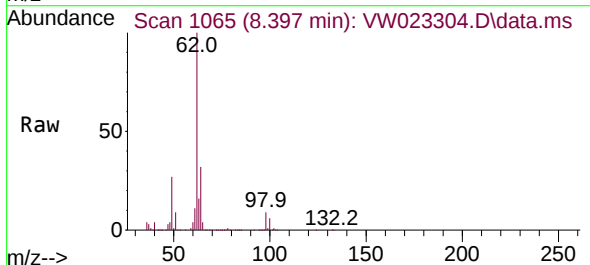
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

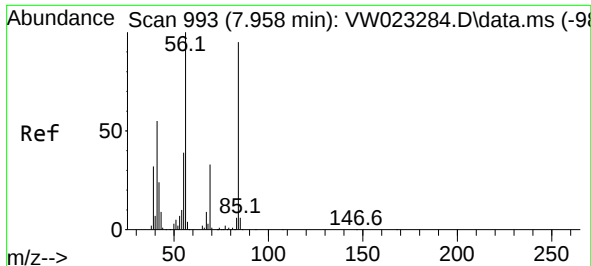
Tgt Ion: 83 Resp: 260844
Ion Ratio Lower Upper
83 100
85 62.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 25.391 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

Tgt Ion: 62 Resp: 168203
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8

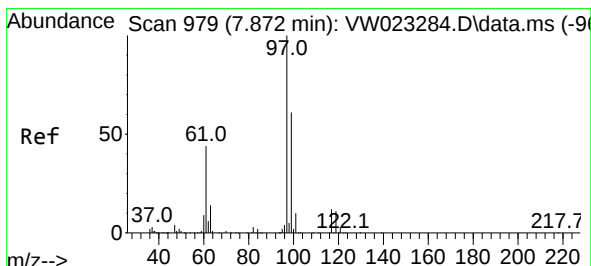
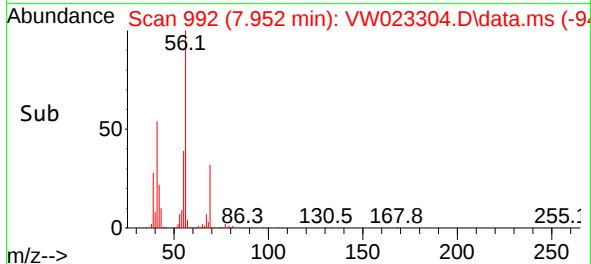
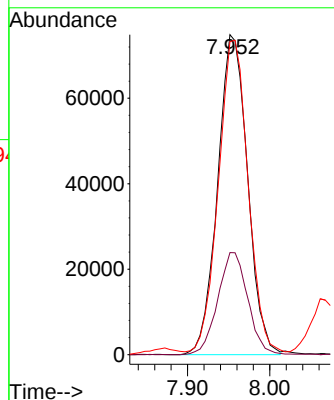
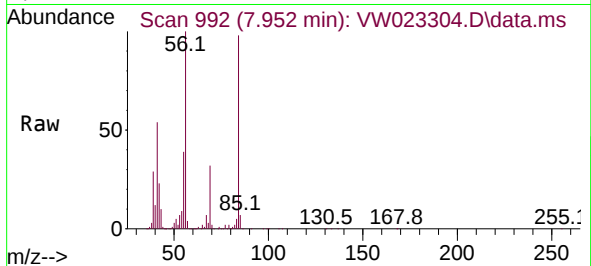




#29
Cyclohexane
Concen: 23.411 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

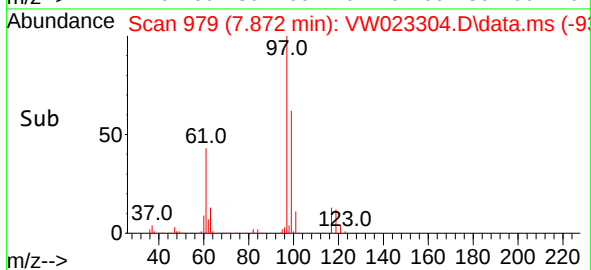
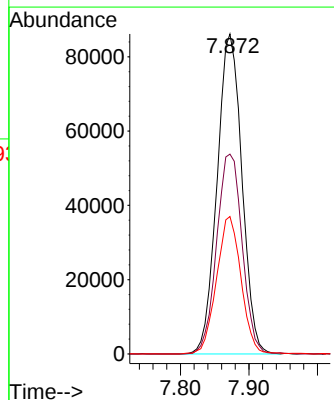
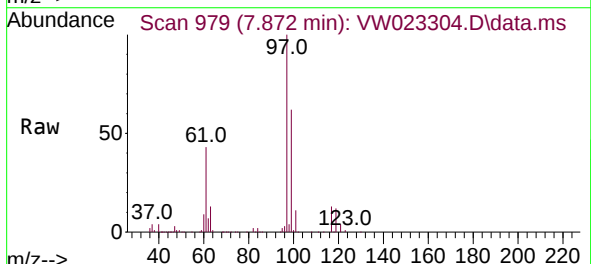
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

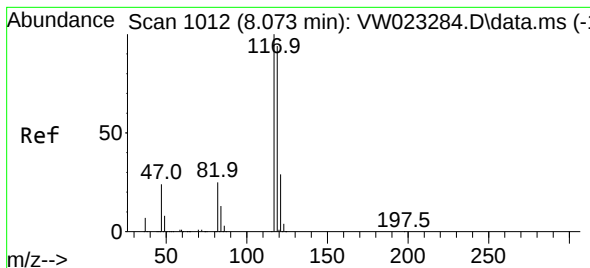
Tgt Ion: 56 Resp: 188986
Ion Ratio Lower Upper
56 100
69 32.1 25.6 38.4
84 98.6 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 24.547 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

Tgt Ion: 97 Resp: 216530
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 42.5 34.8 52.2

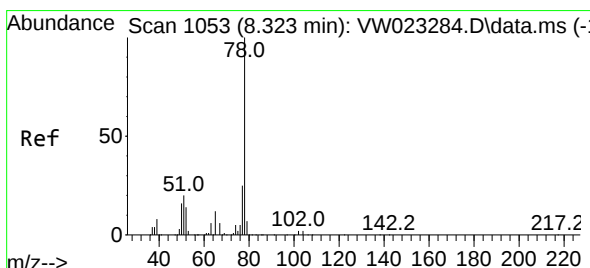
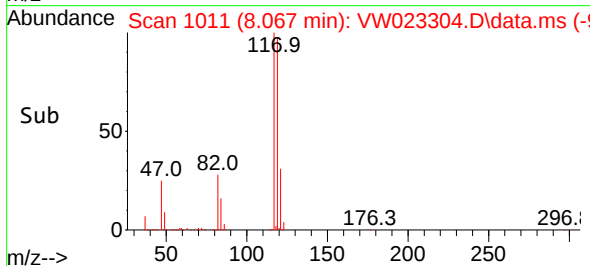
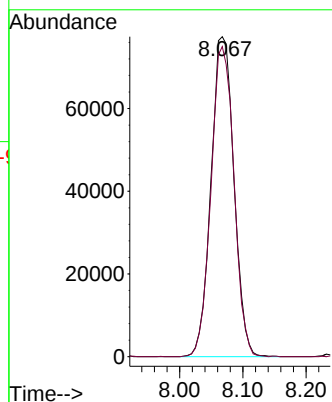
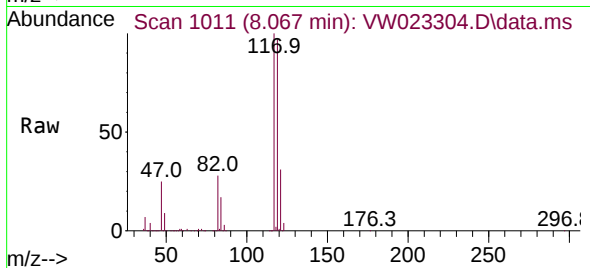




#31
Carbon tetrachloride
Concen: 23.593 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

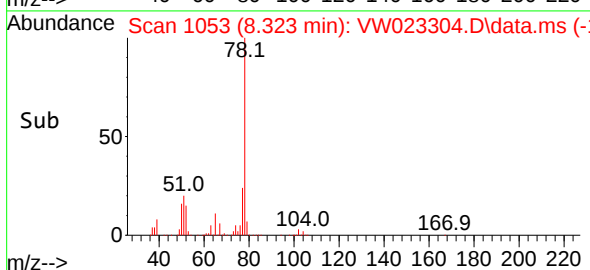
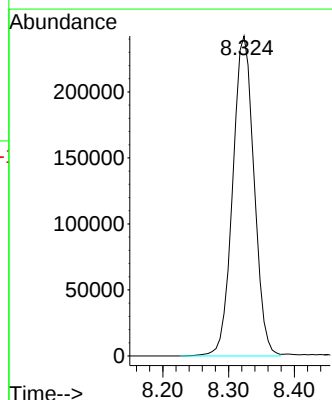
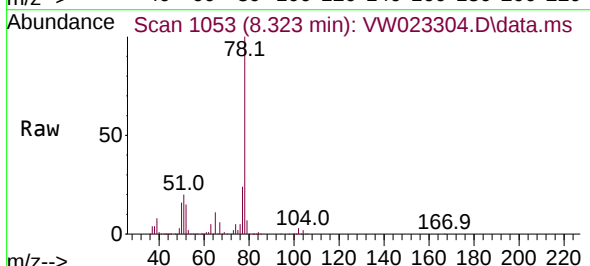
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

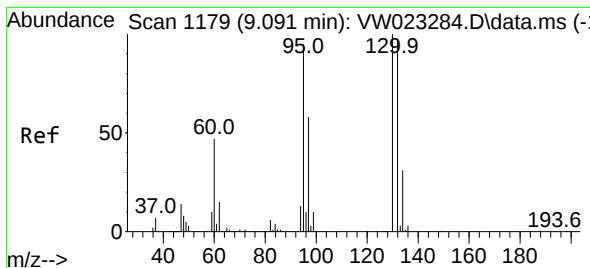
Tgt Ion:117 Resp: 194677
Ion Ratio Lower Upper
117 100
119 96.9 76.6 115.0



#33
Benzene
Concen: 24.886 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

Tgt Ion: 78 Resp: 547215





#34

Trichloroethene

Concen: 24.613 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

Tgt Ion: 95 Resp: 148839

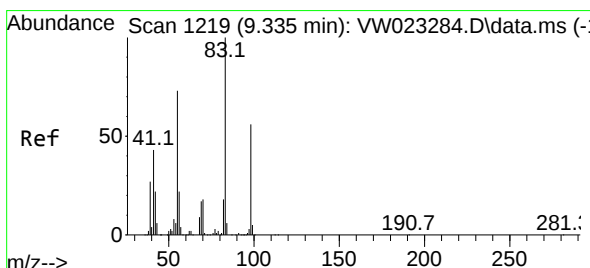
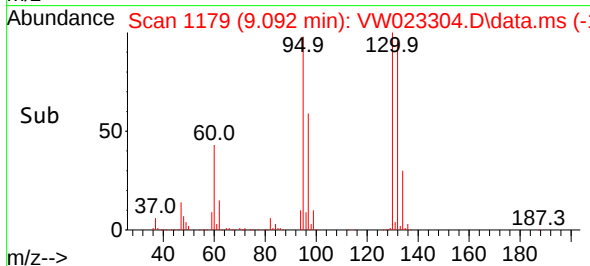
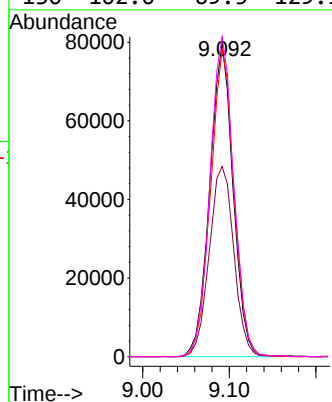
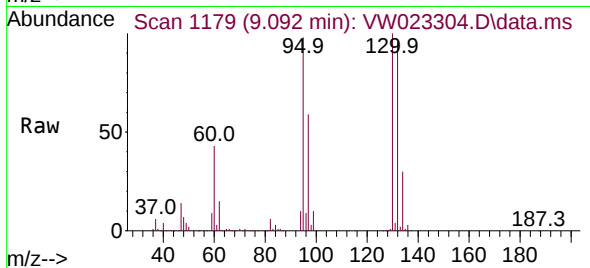
Ion Ratio Lower Upper

95 100

97 60.6 46.1 85.7

132 97.9 66.9 124.3

130 102.0 69.5 129.1



#35

Methylcyclohexane

Concen: 23.296 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

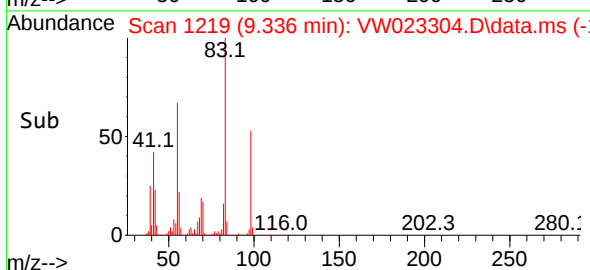
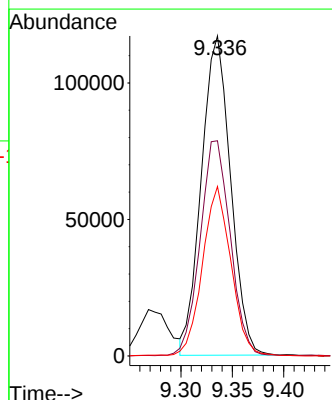
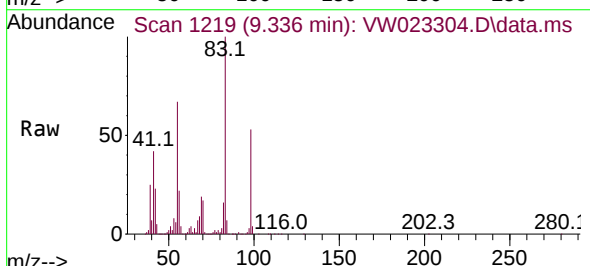
Tgt Ion: 83 Resp: 231438

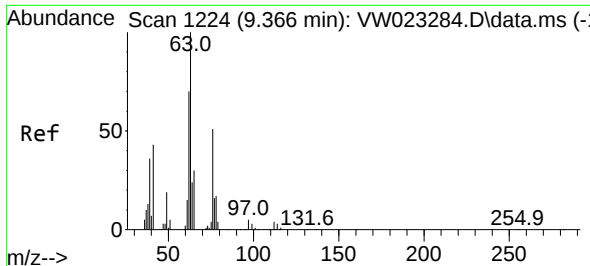
Ion Ratio Lower Upper

83 100

55 69.6 55.1 82.7

98 51.8 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.992 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

Instrument :

MSVOA_W

ClientSampleId :

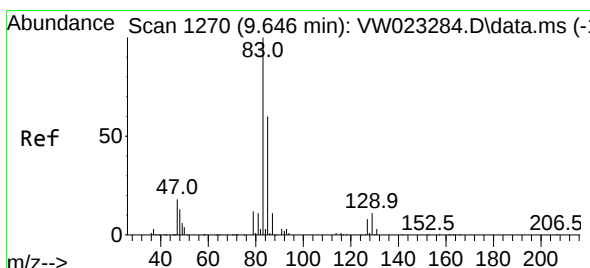
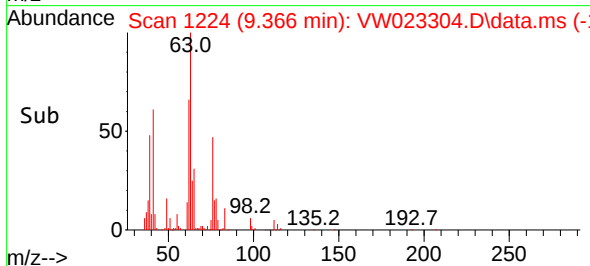
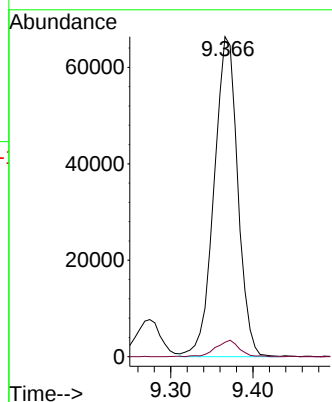
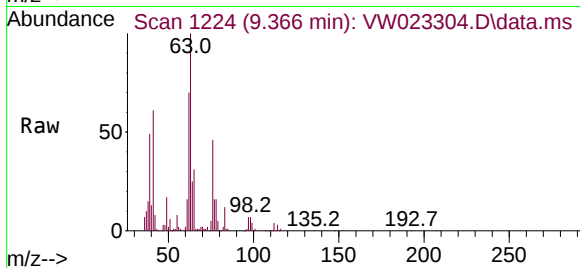
VSTD025550

Tgt Ion: 63 Resp: 132991

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 24.473 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

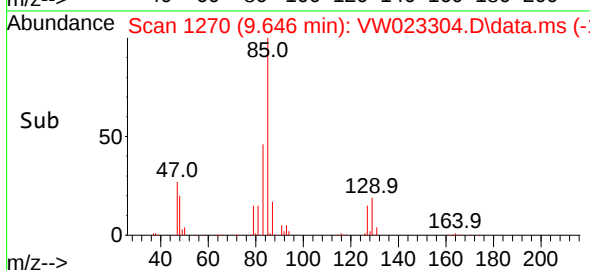
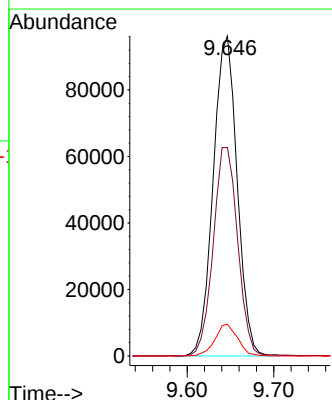
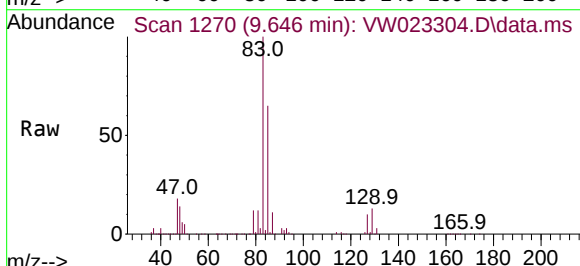
Tgt Ion: 83 Resp: 184971

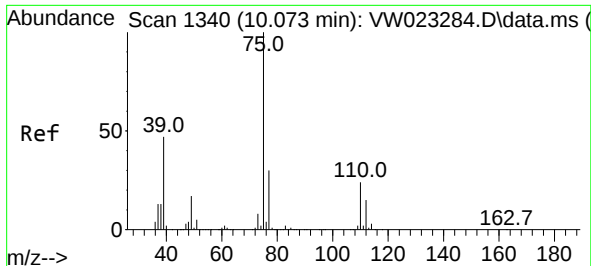
Ion Ratio Lower Upper

83 100

85 65.2 43.5 80.7

127 9.9 7.1 10.7

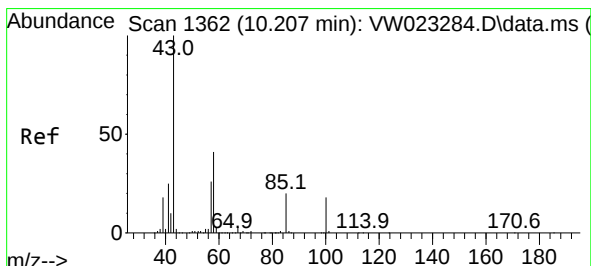
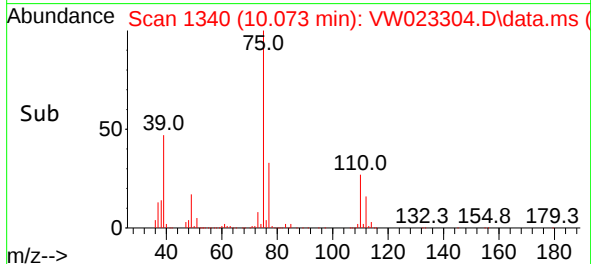
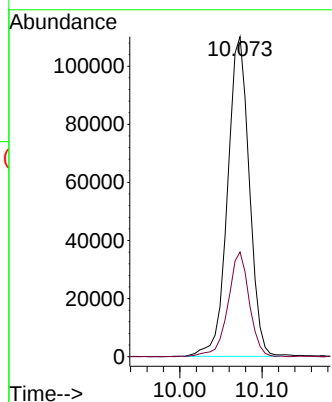
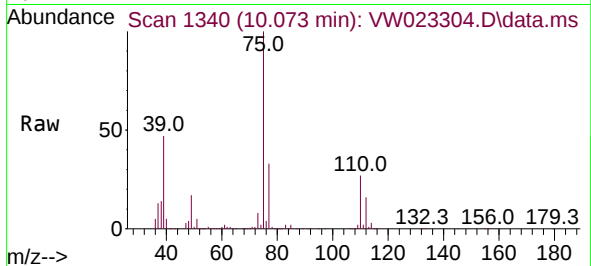




#39
 cis-1,3-Dichloropropene
 Concen: 24.462 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023304.D
 Acq: 25 May 2022 05:15

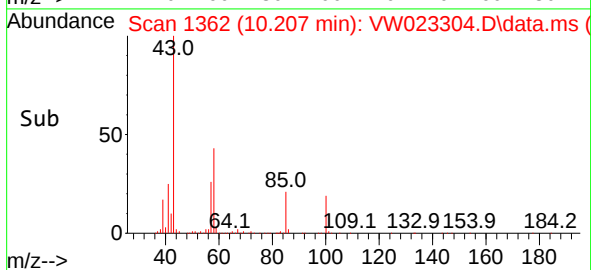
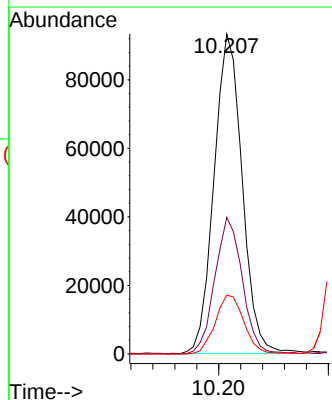
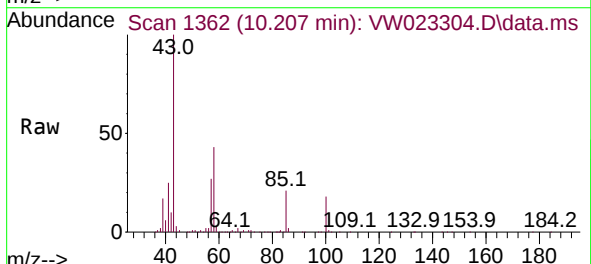
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025550

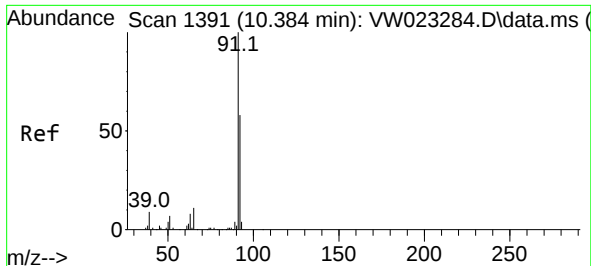
Tgt Ion: 75 Resp: 201841
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 49.407 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW023304.D
 Acq: 25 May 2022 05:15

Tgt Ion: 43 Resp: 165712
 Ion Ratio Lower Upper
 43 100
 58 42.0 31.4 47.2
 100 18.9 14.2 21.4

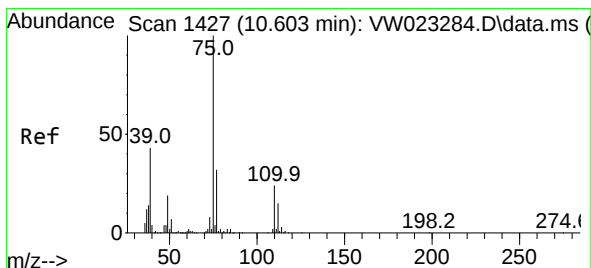
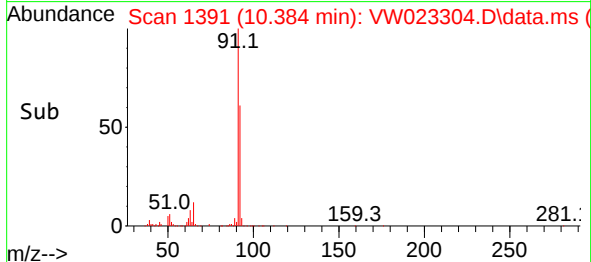
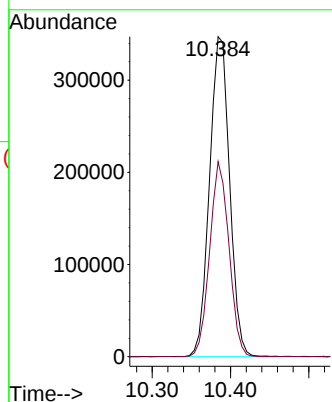
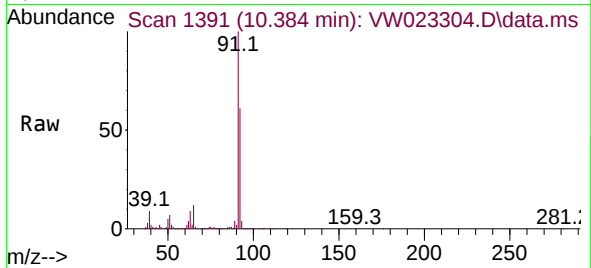




#42
Toluene
Concen: 25.093 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

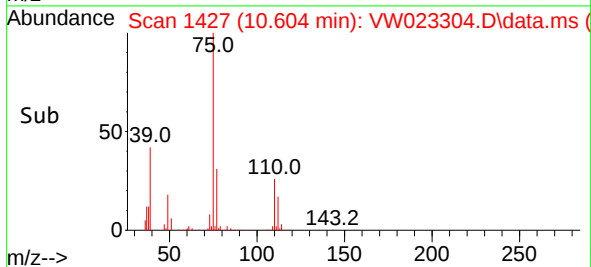
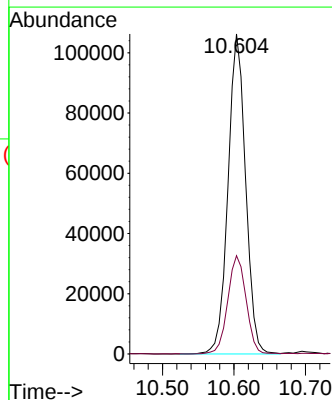
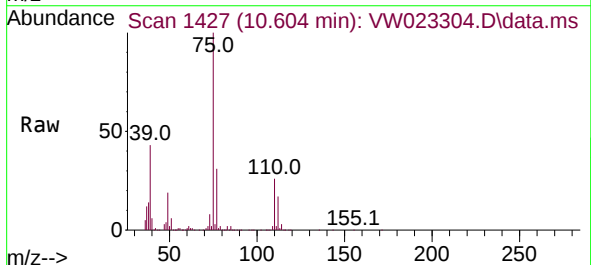
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

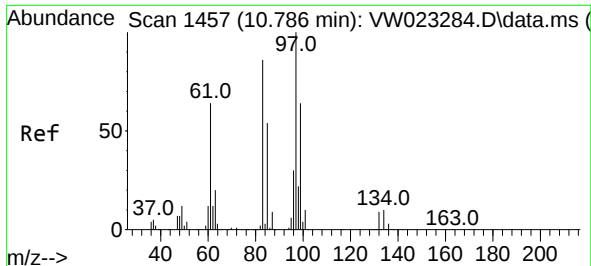
Tgt Ion: 91 Resp: 618371
Ion Ratio Lower Upper
91 100
92 60.9 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.593 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

Tgt Ion: 75 Resp: 181118
Ion Ratio Lower Upper
75 100
77 30.7 22.0 40.8

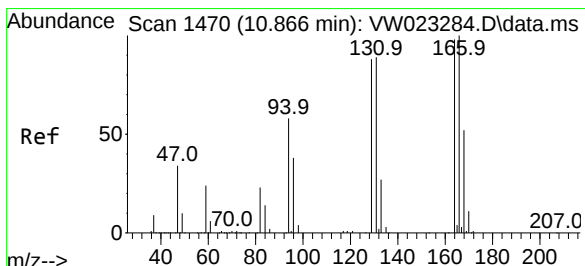
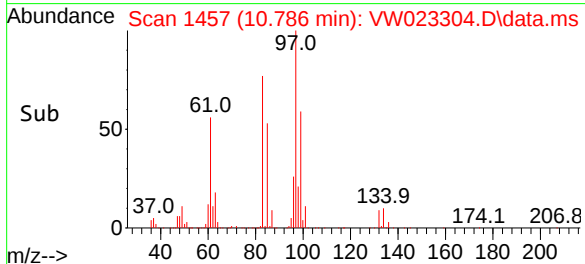
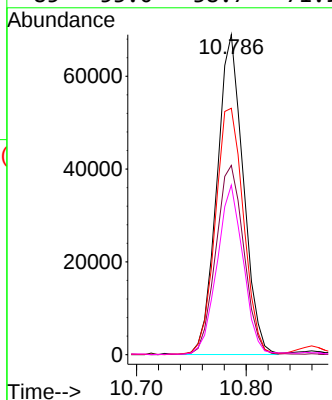
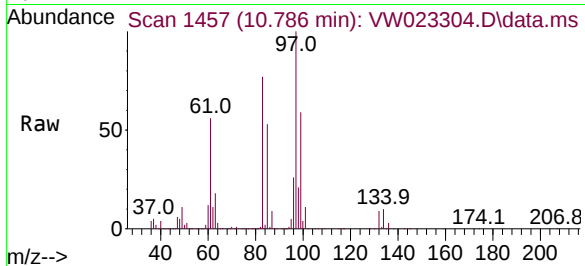




#45
1,1,2-Trichloroethane
Concen: 25.927 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

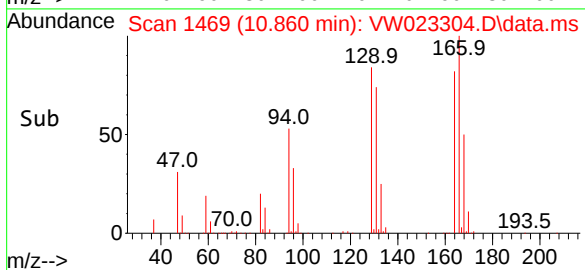
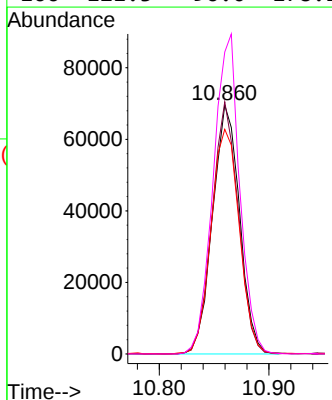
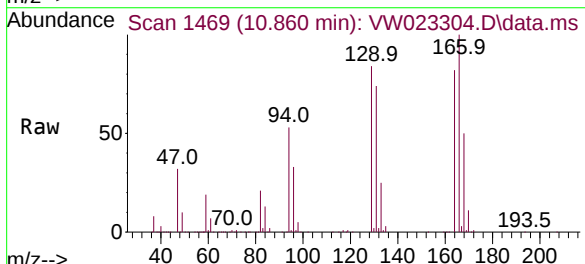
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

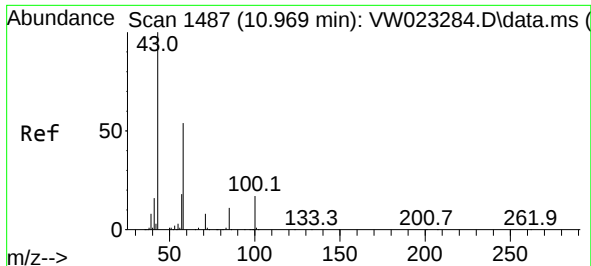
Tgt Ion:	97	Resp:	115336
Ion	Ratio	Lower	Upper
97	100		
99	59.2	44.7	82.9
83	77.0	58.4	108.4
85	53.0	38.7	71.9



#46
Tetrachloroethene
Concen: 26.178 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

Tgt Ion:	164	Resp:	118967
Ion	Ratio	Lower	Upper
164	100		
129	101.3	76.9	142.7
131	90.3	75.1	139.5
166	121.3	96.0	178.2

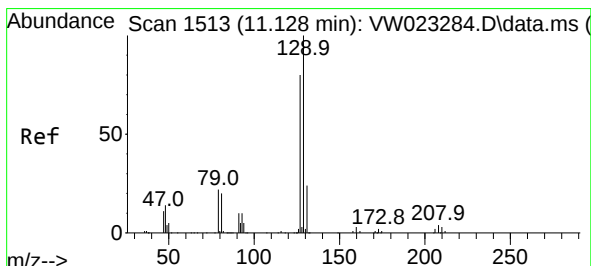
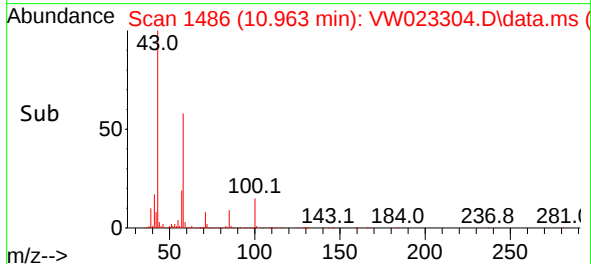
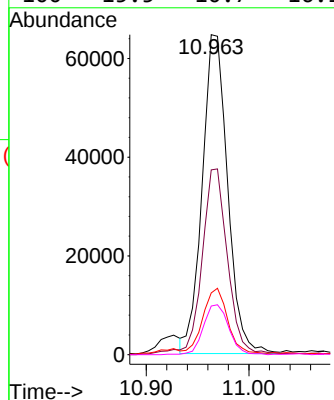
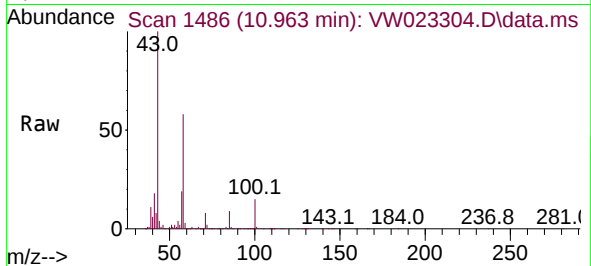




#48
2-Hexanone
Concen: 49.636 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

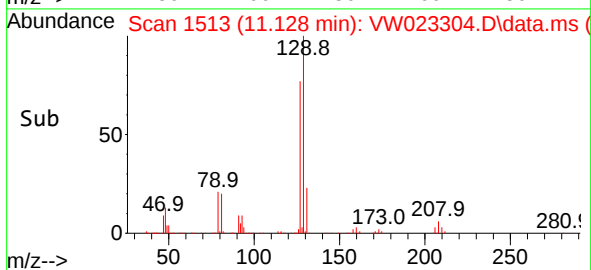
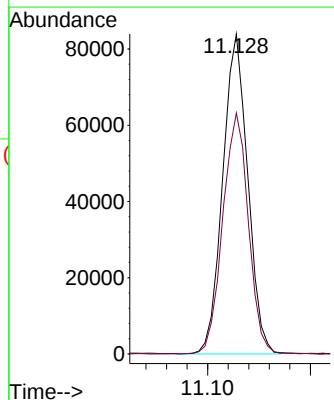
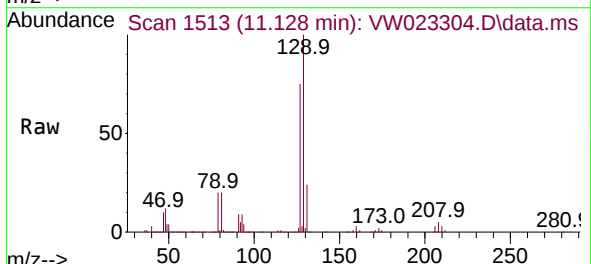
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

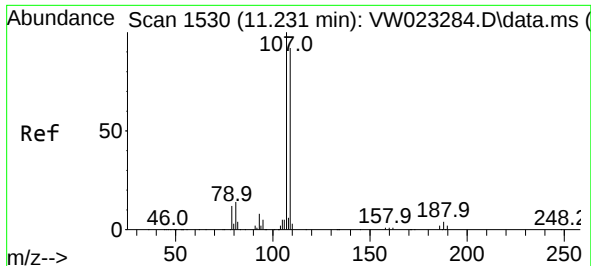
Tgt Ion: 43 Resp: 111234
Ion Ratio Lower Upper
43 100
58 57.2 45.9 68.9
57 20.2 16.2 24.2
100 15.5 10.7 16.1



#49
Dibromochloromethane
Concen: 26.460 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

Tgt Ion: 129 Resp: 141663
Ion Ratio Lower Upper
129 100
127 75.3 53.8 100.0

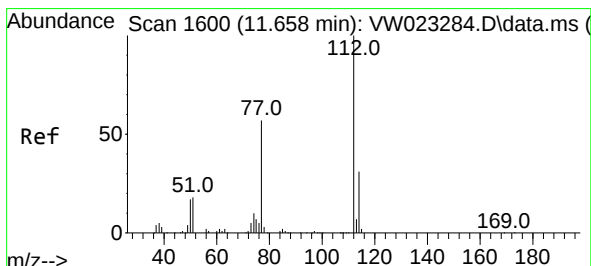
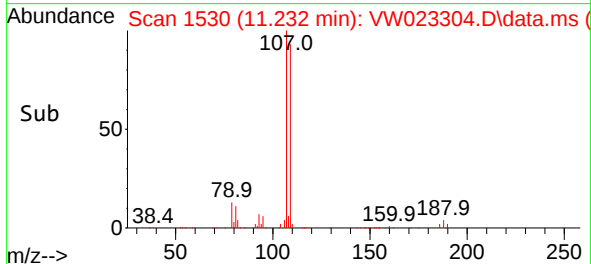
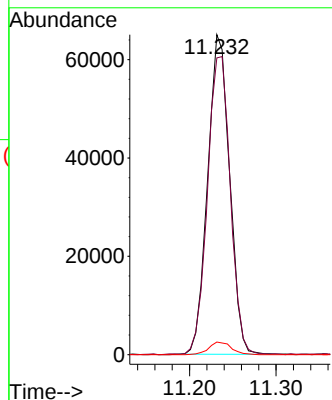
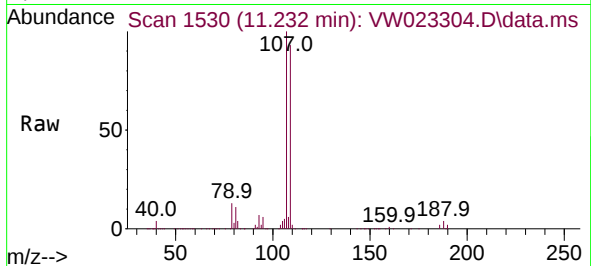




#50
1,2-Dibromoethane
Concen: 25.635 ug/L
RT: 11.232 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

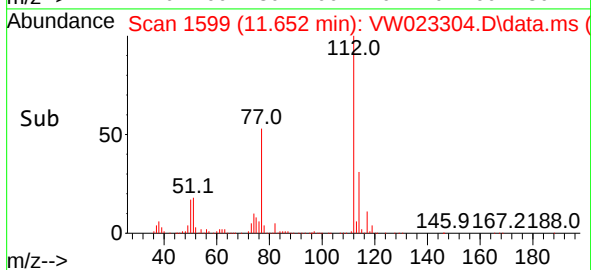
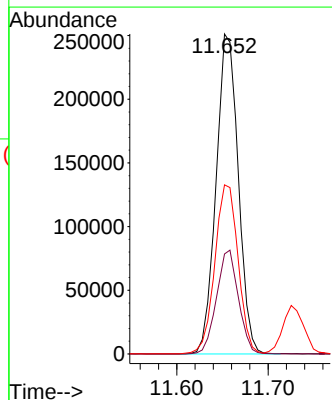
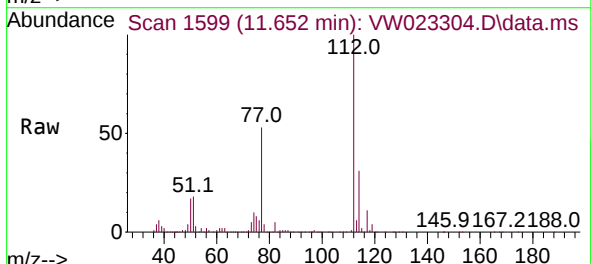
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

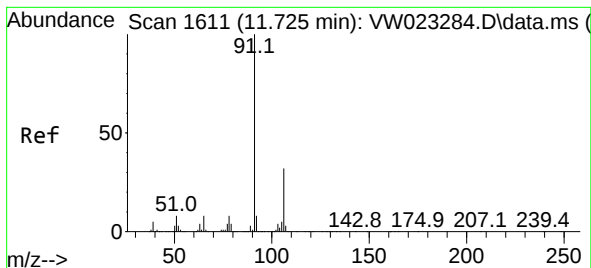
Tgt Ion:107 Resp: 114507
Ion Ratio Lower Upper
107 100
109 92.8 67.5 125.4
188 4.0 2.9 4.3



#51
Chlorobenzene
Concen: 26.142 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

Tgt Ion:112 Resp: 424701
Ion Ratio Lower Upper
112 100
114 31.2 22.0 41.0
77 52.8 42.6 63.8

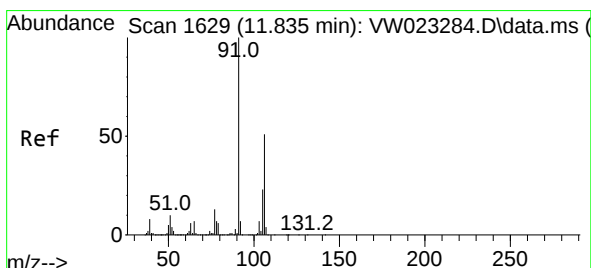
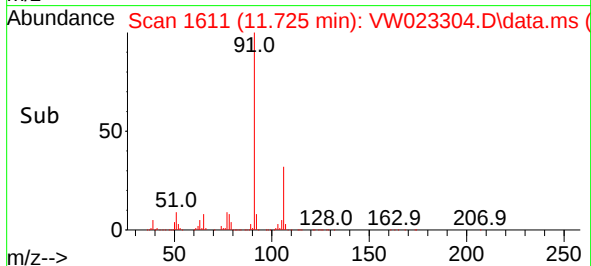
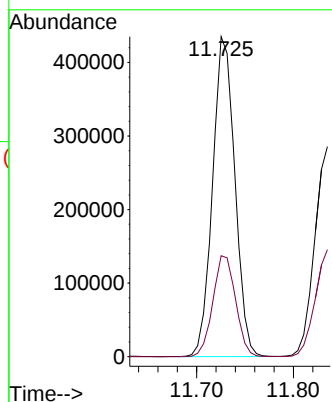
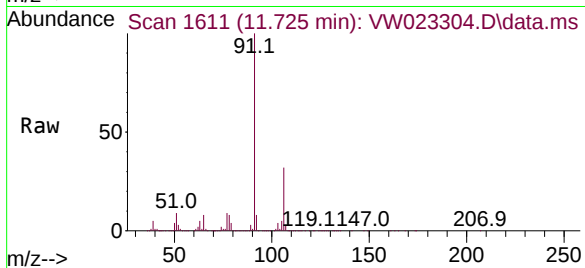




#52
Ethylbenzene
Concen: 25.395 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

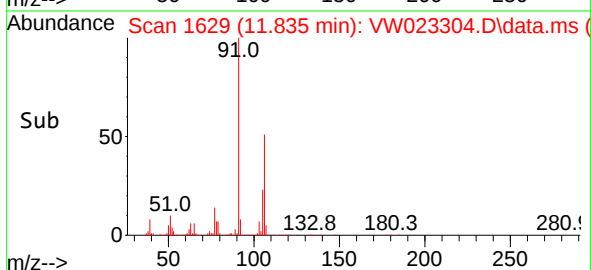
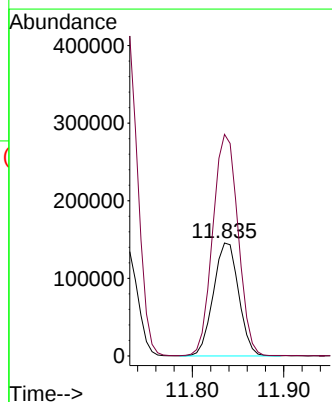
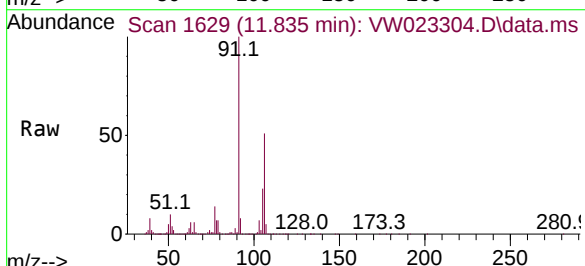
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

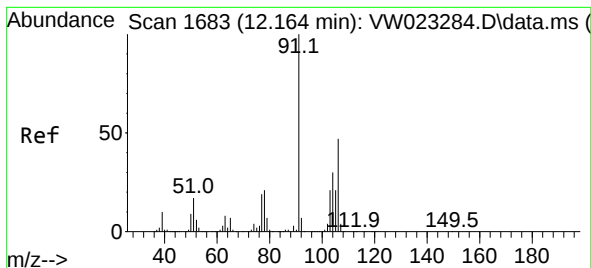
Tgt Ion: 91 Resp: 696223
Ion Ratio Lower Upper
91 100
106 31.5 22.3 41.3



#53
m,p-Xylene
Concen: 25.926 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

Tgt Ion: 106 Resp: 280071
Ion Ratio Lower Upper
106 100
91 196.3 136.8 254.0





#54

o-Xylene

Concen: 26.524 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

Instrument :

MSVOA_W

ClientSampleId :

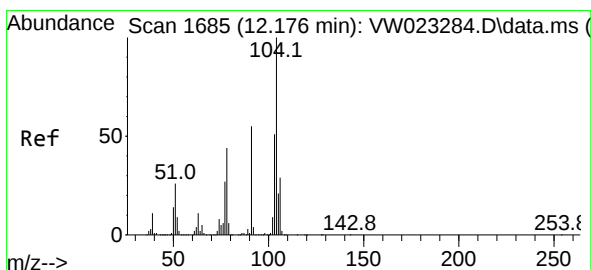
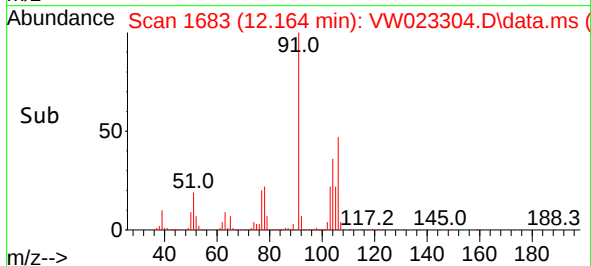
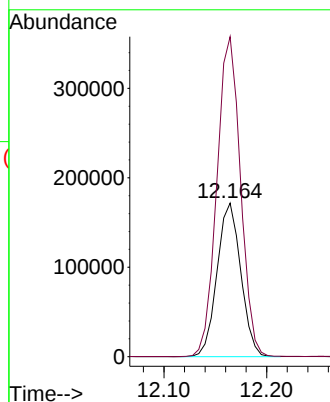
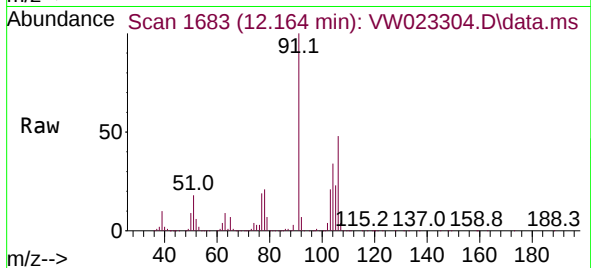
VSTD025550

Tgt Ion:106 Resp: 274956

Ion Ratio Lower Upper

106 100

91 208.4 147.2 273.4



#55

Styrene

Concen: 26.468 ug/L

RT: 12.183 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW023304.D

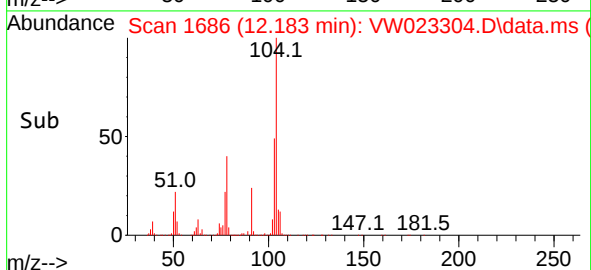
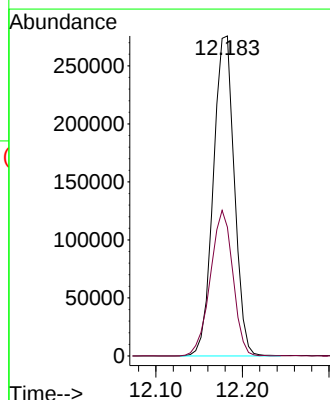
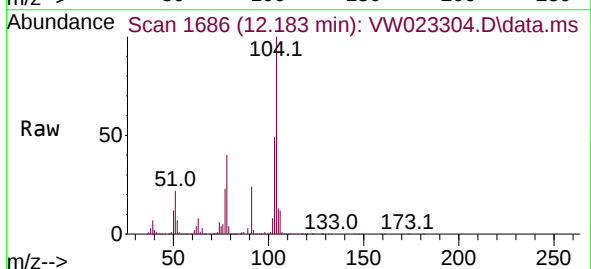
Acq: 25 May 2022 05:15

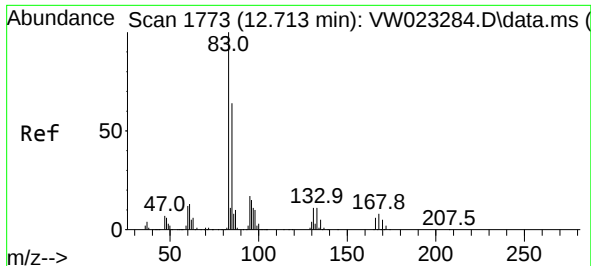
Tgt Ion:104 Resp: 466233

Ion Ratio Lower Upper

104 100

78 40.3 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.070 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

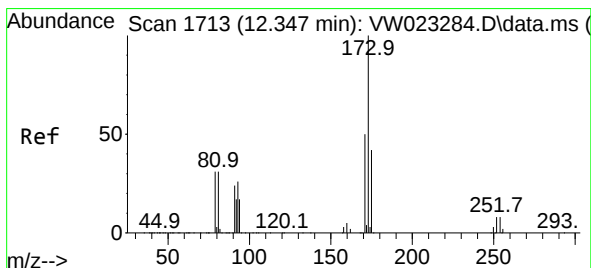
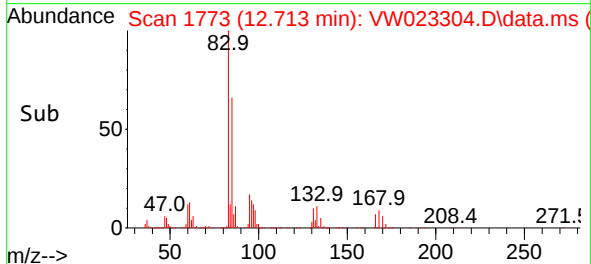
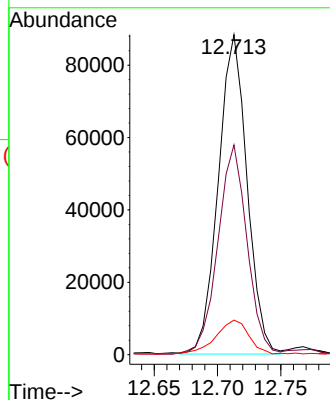
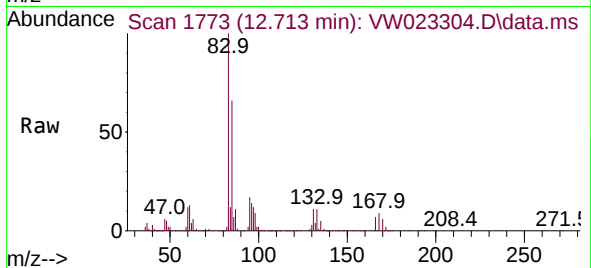
Tgt Ion: 83 Resp: 139295

Ion Ratio Lower Upper

83 100

85 65.5 47.5 88.1

131 10.8 8.7 13.1



#59

Bromoform

Concen: 26.194 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

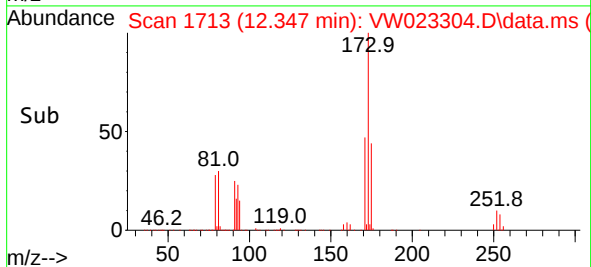
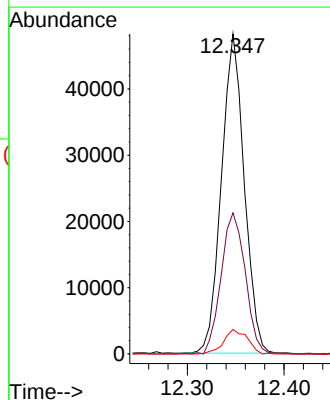
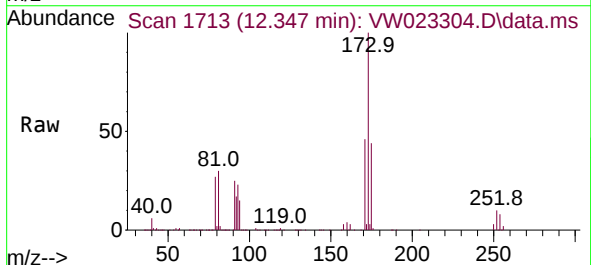
Tgt Ion: 173 Resp: 78653

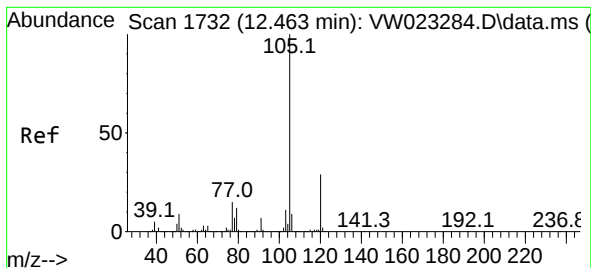
Ion Ratio Lower Upper

173 100

175 46.8 38.1 57.1

254 7.9 6.5 9.7





#60

Isopropylbenzene

Concen: 24.820 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

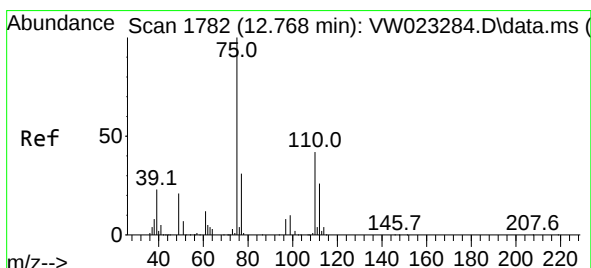
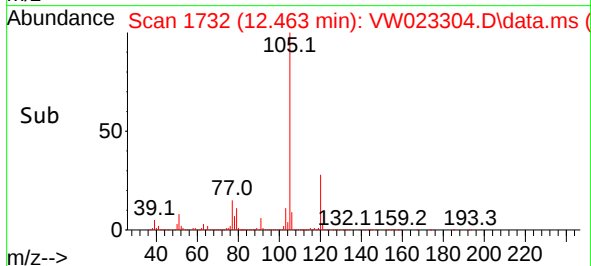
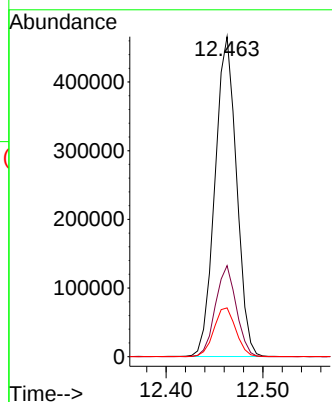
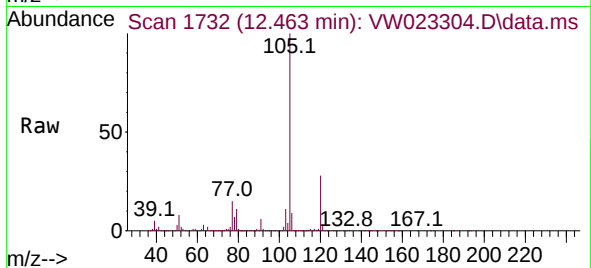
Tgt Ion:105 Resp: 720451

Ion Ratio Lower Upper

105 100

120 27.6 21.3 31.9

77 15.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 23.667 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

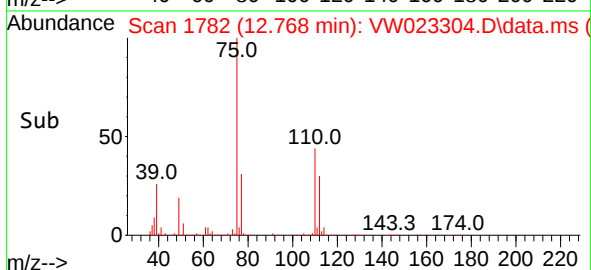
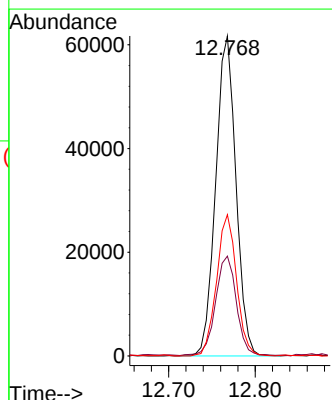
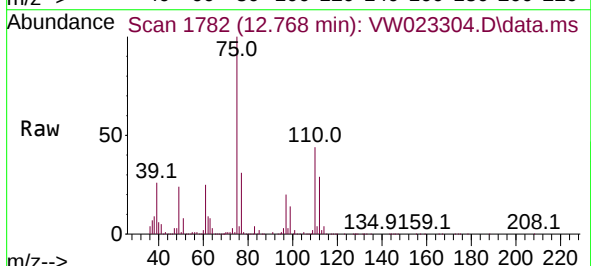
Tgt Ion: 75 Resp: 100196

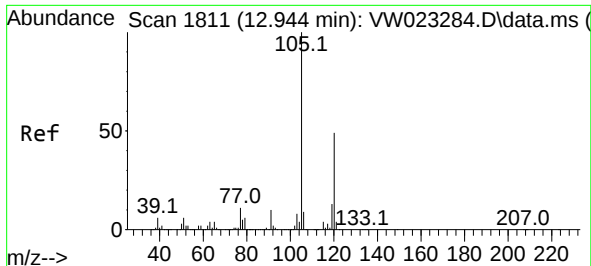
Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

110 43.6 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 25.614 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

Instrument :

MSVOA_W

ClientSampleId :

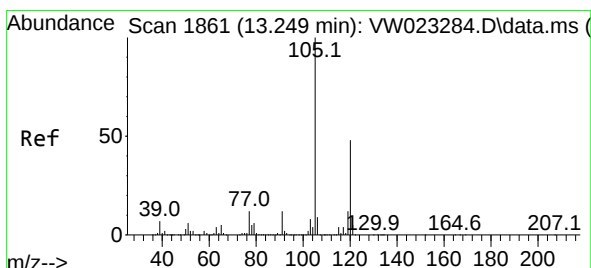
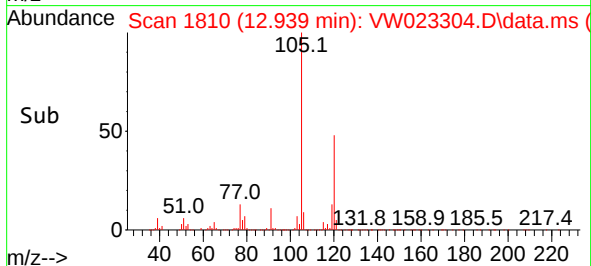
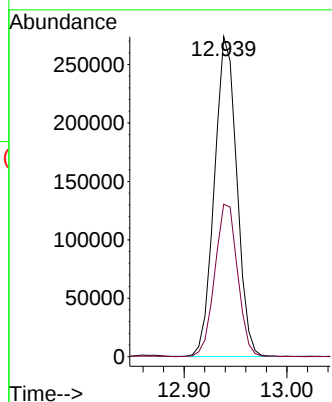
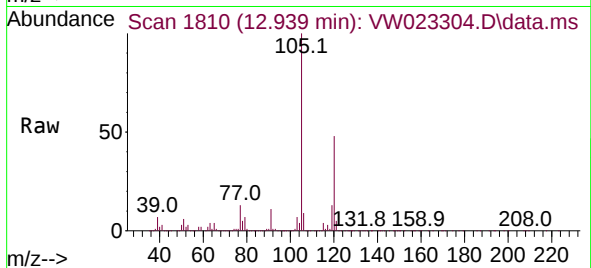
VSTD025550

Tgt Ion:105 Resp: 413628

Ion Ratio Lower Upper

105 100

120 48.6 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 26.038 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023304.D

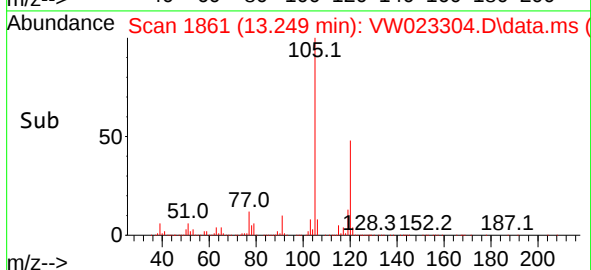
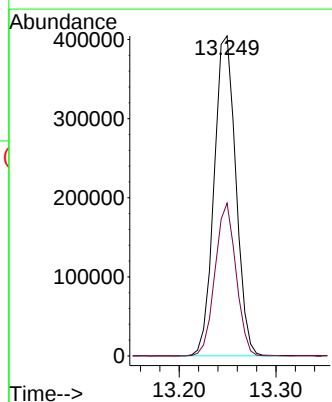
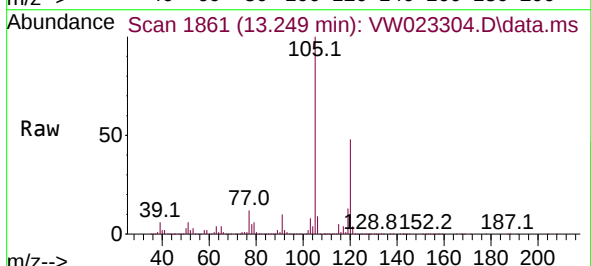
Acq: 25 May 2022 05:15

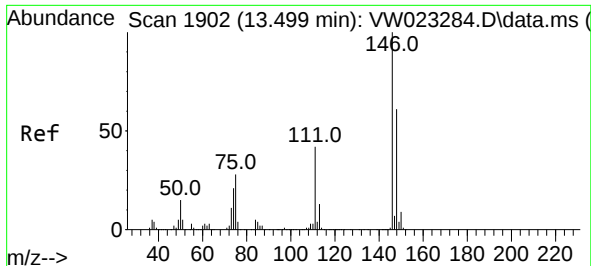
Tgt Ion:105 Resp: 631356

Ion Ratio Lower Upper

105 100

120 46.0 37.4 56.2

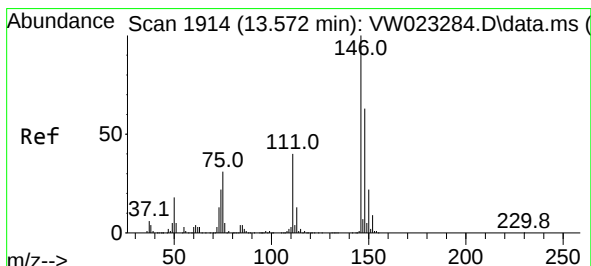
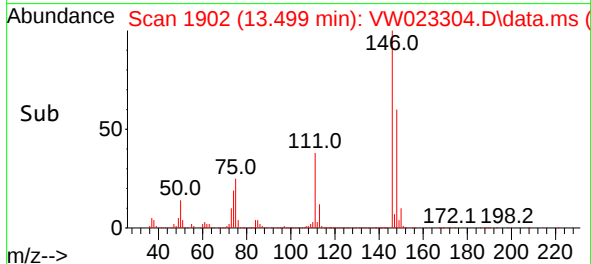
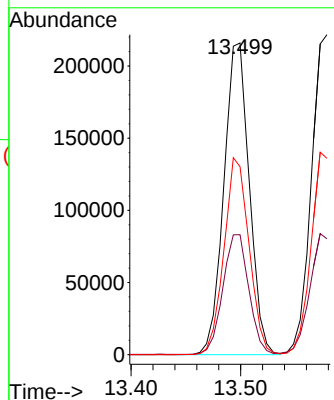
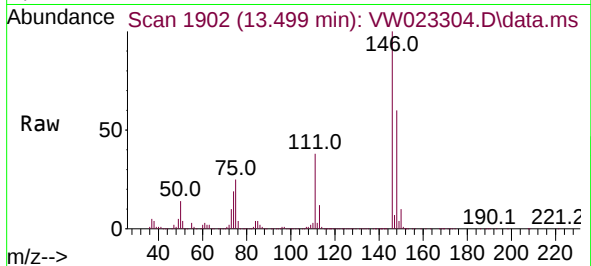




#64
1,3-Dichlorobenzene
Concen: 26.861 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

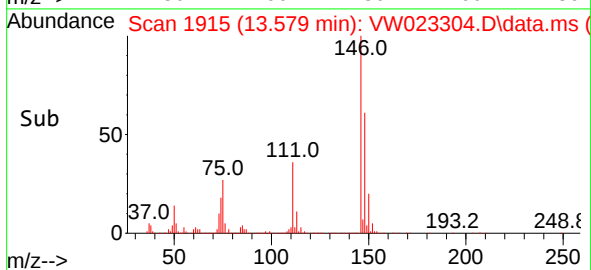
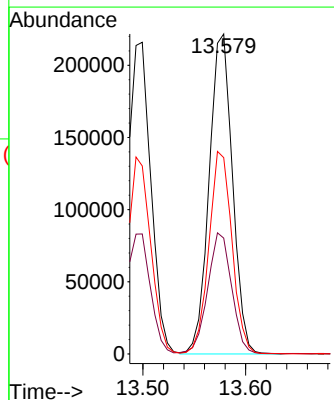
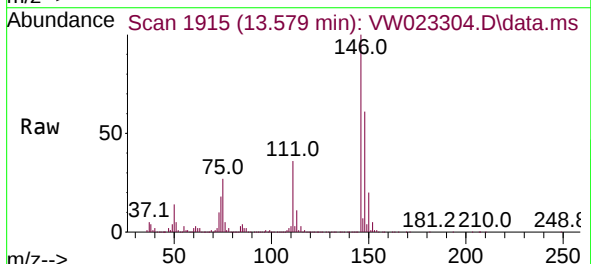
Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

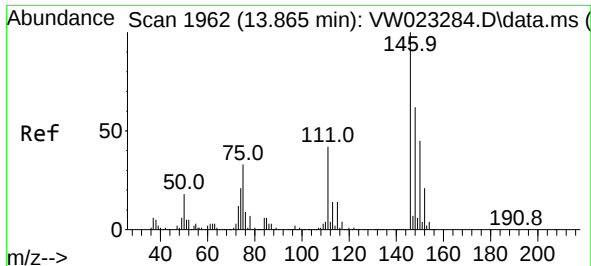
Tgt Ion:146 Resp: 348106
Ion Ratio Lower Upper
146 100
111 38.5 29.5 54.9
148 60.3 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 26.178 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023304.D
Acq: 25 May 2022 05:15

Tgt Ion:146 Resp: 350420
Ion Ratio Lower Upper
146 100
111 36.2 27.2 50.4
148 61.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.564 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

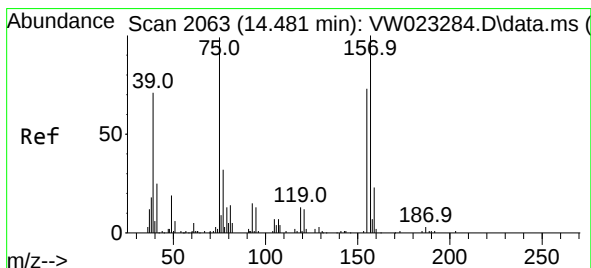
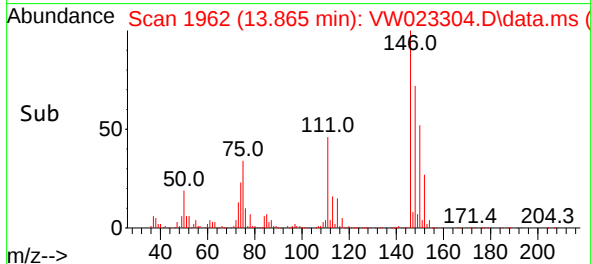
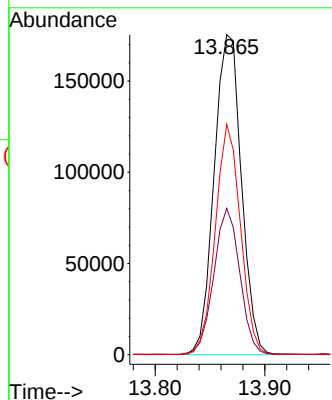
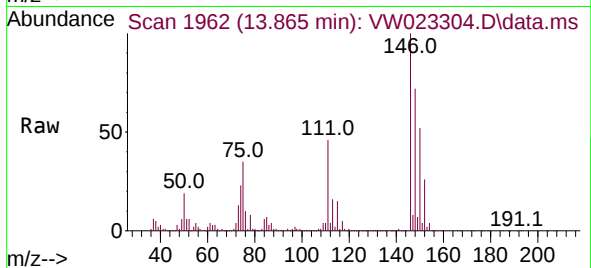
Tgt Ion:146 Resp: 303164

Ion Ratio Lower Upper

146 100

111 45.7 35.7 53.5

148 71.9 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.477 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

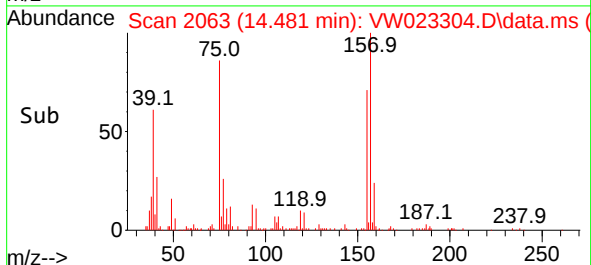
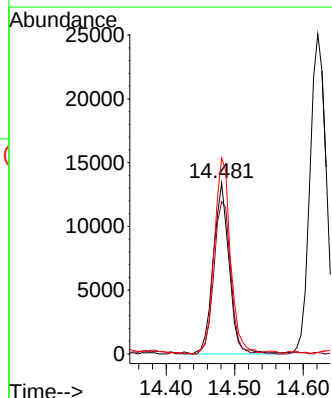
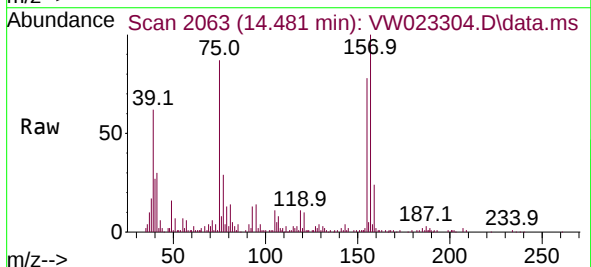
Tgt Ion: 75 Resp: 21722

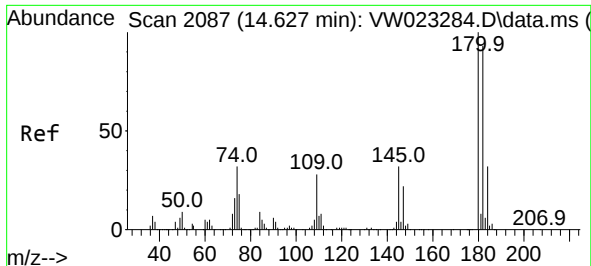
Ion Ratio Lower Upper

75 100

155 89.0 59.3 88.9#

157 114.5 89.8 134.8

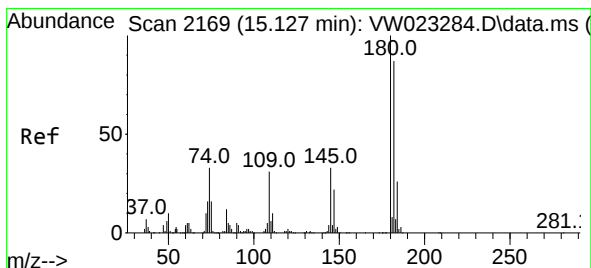
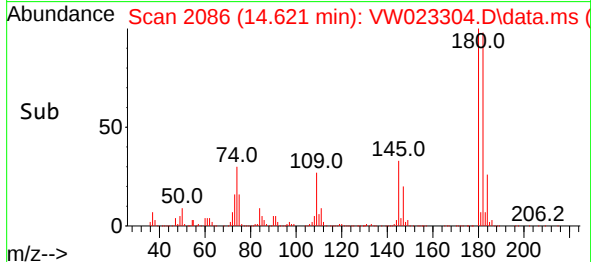
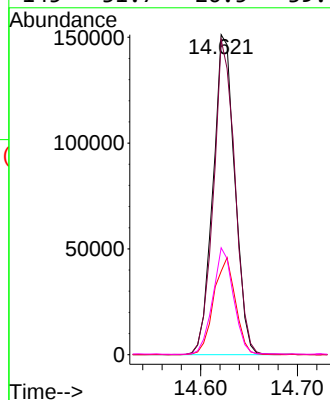
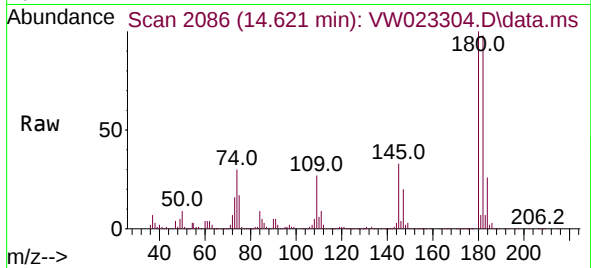




#69
 1,3,5-Trichlorobenzene
 Concen: 27.460 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW023304.D
 Acq: 25 May 2022 05:15

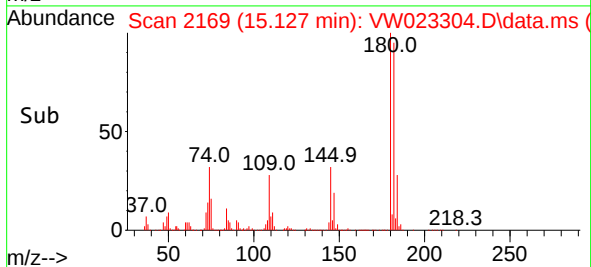
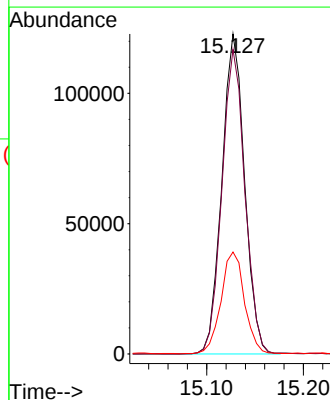
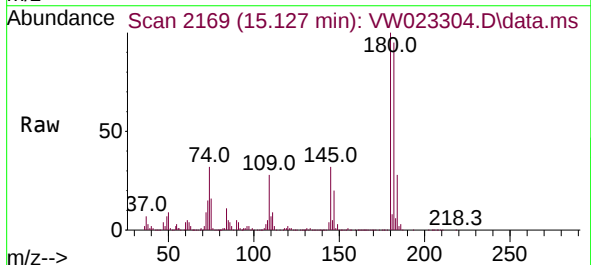
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025550

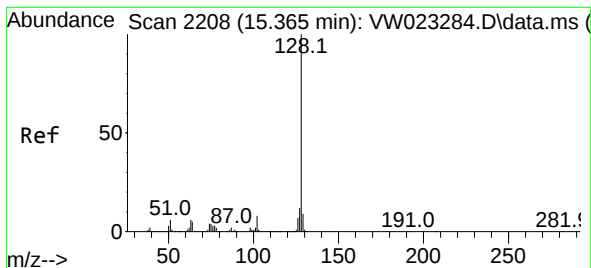
Tgt Ion:180	Resp:	236221
Ion Ratio	Lower	Upper
180	100	
182	96.6	74.8 112.2
184	30.2	23.4 35.2
145	31.7	26.5 39.7



#70
 1,2,4-trichlorobenzene
 Concen: 28.938 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW023304.D
 Acq: 25 May 2022 05:15

Tgt Ion:180	Resp:	200248
Ion Ratio	Lower	Upper
180	100	
182	95.9	74.9 112.3
145	33.0	26.6 39.8





#71

Naphthalene

Concen: 29.639 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025550

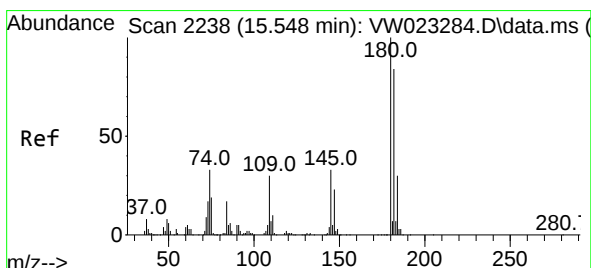
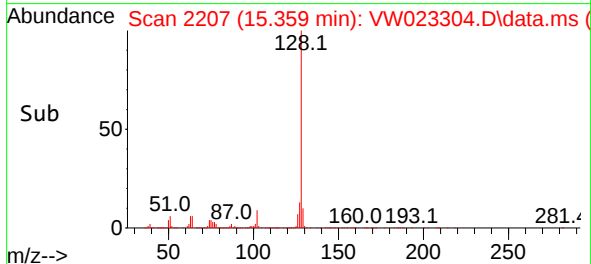
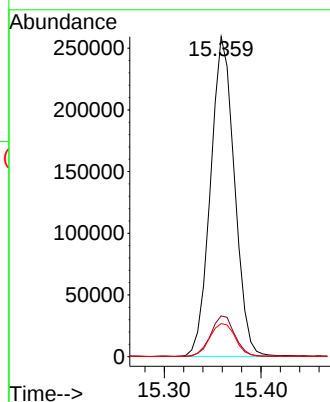
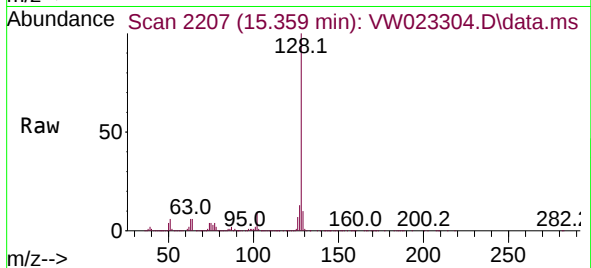
Tgt Ion:128 Resp: 445774

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 28.314 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023304.D

Acq: 25 May 2022 05:15

Tgt Ion:180 Resp: 173650

Ion Ratio Lower Upper

180 100

182 98.4 73.5 110.3

145 35.2 27.9 41.9

