

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023329.D
 Acq On : 25 May 2022 18:49
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025552

Quant Time: May 26 01:33:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 26 01:27:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	312401	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	320165	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	185180	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	127827	19.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.760%
7) Chloroethane-d5	2.879	69	89279	21.411	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.640%
11) 1,1-Dichloroethene-d2	4.025	63	172355	20.812	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.240%
21) 2-Butanone-d5	7.080	46	69051	56.663	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.320%
24) Chloroform-d	7.653	84	230873	25.225	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.880%
26) 1,2-Dichloroethane-d4	8.305	65	129223	25.742	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.960%
32) Benzene-d6	8.275	84	431582	23.387	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.560%
36) 1,2-Dichloropropane-d6	9.275	67	129268	24.937	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.760%
41) Toluene-d8	10.323	98	418802	23.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.960%
43) trans-1,3-Dichloroprop...	10.579	79	58852	24.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.640%
47) 2-Hexanone-d5	10.921	63	57338	57.942	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.880%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	137189	28.394	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	170015	26.264	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	47816	28.077	ug/L	93
3) Chloromethane	2.209	50	108459	32.958	ug/L	99
5) Vinyl chloride	2.355	62	153567	23.252	ug/L	97
6) Bromomethane	2.770	94	78608	18.538	ug/L	99
8) Chloroethane	2.916	64	76476	24.008	ug/L	99
9) Trichlorofluoromethane	3.251	101	59202	19.612	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	110727	24.532	ug/L	98
12) 1,1-Dichloroethene	4.038	96	92208	23.045	ug/L	96
13) Acetone	4.117	43	36542	40.052	ug/L	98
14) Carbon disulfide	4.385	76	243022	22.154	ug/L	100
15) Methyl Acetate	4.666	43	48797	26.622	ug/L	98
16) Methylene chloride	4.916	84	117197	25.638	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	108520	24.101	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	188151	27.373	ug/L	99
19) 1,1-Dichloroethane	6.214	63	195740	25.650	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	124935	25.833	ug/L #	98
22) 2-Butanone	7.171	43	66189	51.875	ug/L	98
23) Bromochloromethane	7.513	128	58754	25.941	ug/L	88
25) Chloroform	7.677	83	218487	25.892	ug/L	99

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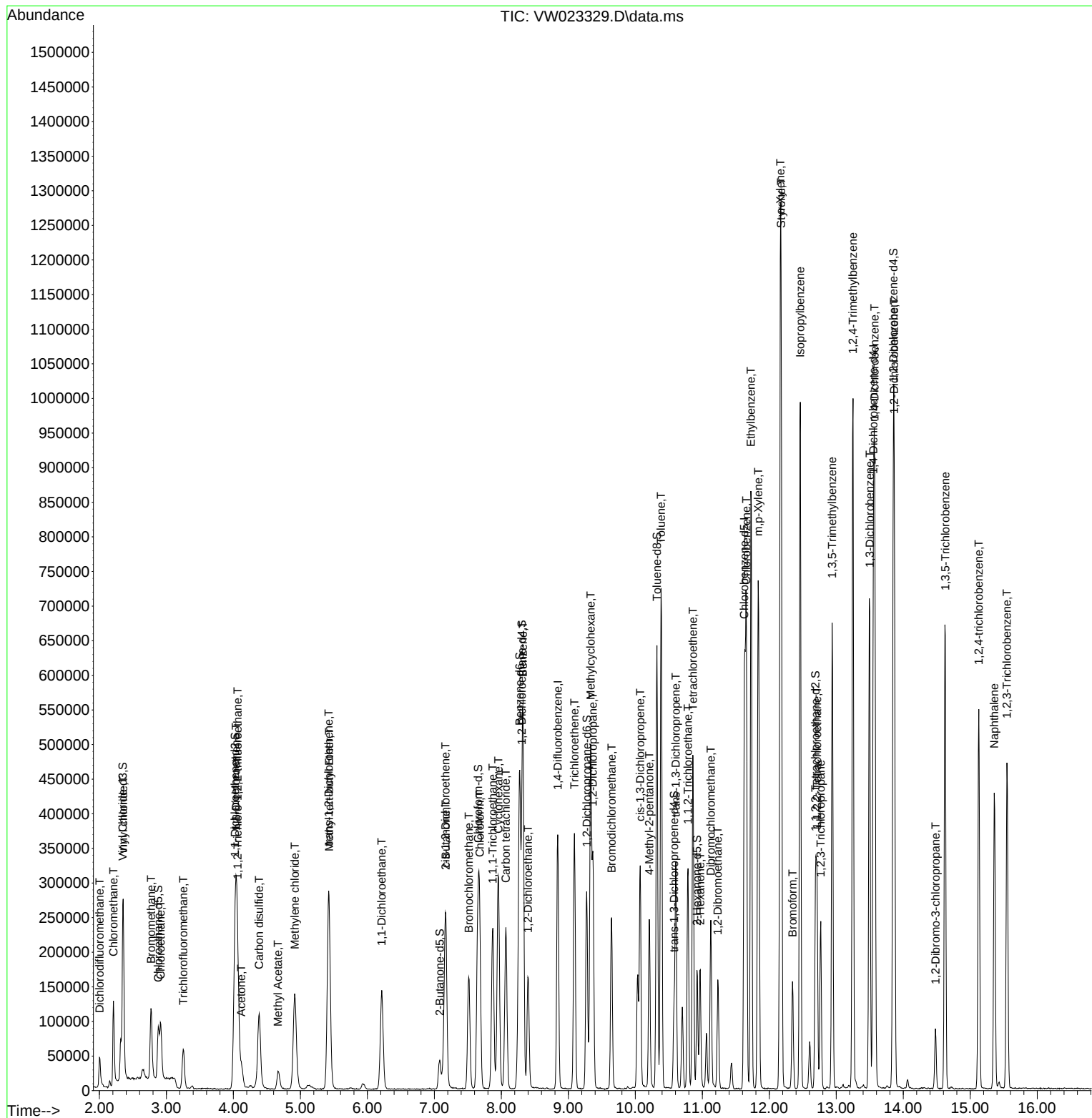
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27) 1,2-Dichloroethane	8.397	62	149208	26.526	ug/L	98
29) Cyclohexane	7.958	56	165500	23.902	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	187167	24.738	ug/L	99
31) Carbon tetrachloride	8.067	117	172588	24.385	ug/L	97
33) Benzene	8.323	78	466461	24.731	ug/L	100
34) Trichloroethene	9.092	95	126049	24.301	ug/L	97
35) Methylcyclohexane	9.335	83	208761	24.499	ug/L	100
37) 1,2-Dichloropropane	9.366	63	114960	25.187	ug/L	99
38) Bromodichloromethane	9.646	83	162022	24.992	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	181491	25.644	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	150056	52.159	ug/L	98
42) Toluene	10.384	91	540683	25.579	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	167698	26.547	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	98951	25.933	ug/L	98
46) Tetrachloroethene	10.860	164	95895	24.601	ug/L	98
48) 2-Hexanone	10.969	43	105794	55.038	ug/L	97
49) Dibromochloromethane	11.128	129	119195	25.955	ug/L	97
50) 1,2-Dibromoethane	11.232	107	98823	25.793	ug/L #	98
51) Chlorobenzene	11.658	112	359469	25.796	ug/L	98
52) Ethylbenzene	11.725	91	613258	26.078	ug/L	99
53) m,p-Xylene	11.835	106	239645	25.863	ug/L	90
54) o-Xylene	12.164	106	234861	26.414	ug/L	95
55) Styrene	12.176	104	406329	26.893	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	131136	27.516	ug/L	99
59) Bromoform	12.347	173	64846	24.710	ug/L	99
60) Isopropylbenzene	12.463	105	645664	25.451	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	92566	25.017	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	353554	25.050	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	542512	25.600	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	294806	26.028	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	295716	25.277	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	271588	26.203	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20277	25.075	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	196509	26.137	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	166041	27.454	ug/L	98
71) Naphthalene	15.359	128	360533	27.428	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	147808	27.575	ug/L	98

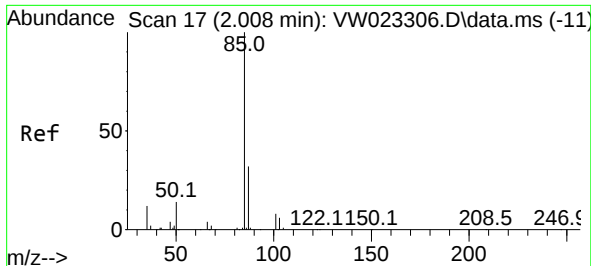
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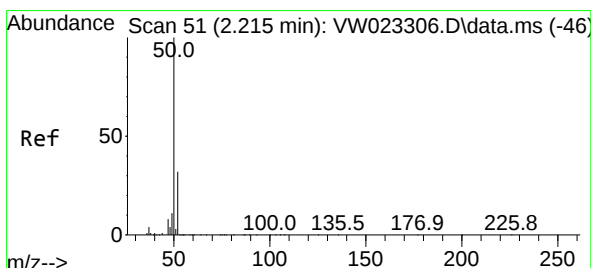
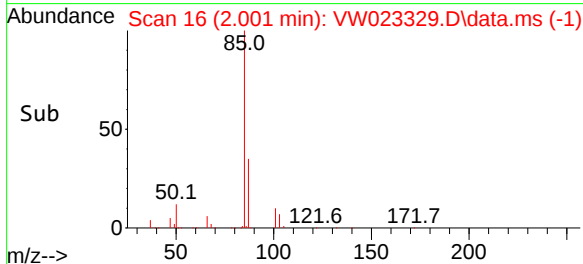
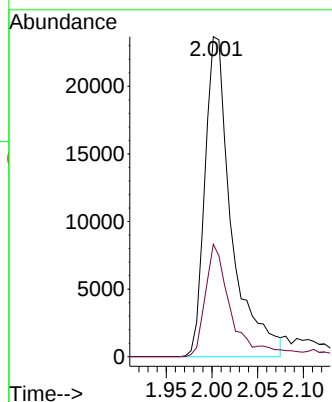
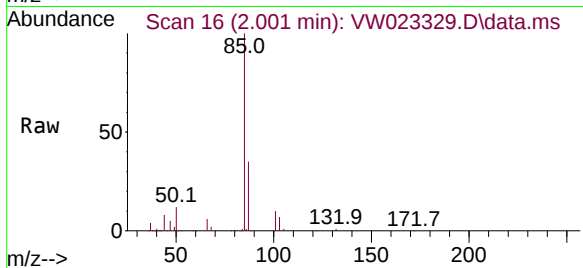




#2
Dichlorodifluoromethane
Concen: 28.077 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

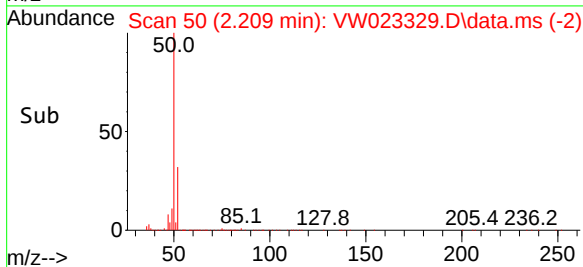
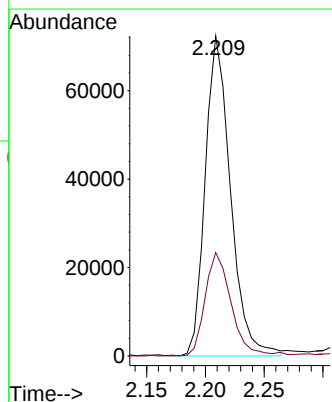
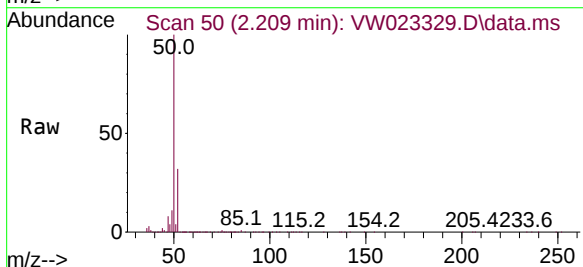
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MSVOA_W
ClientSampleId :
VSTD025552

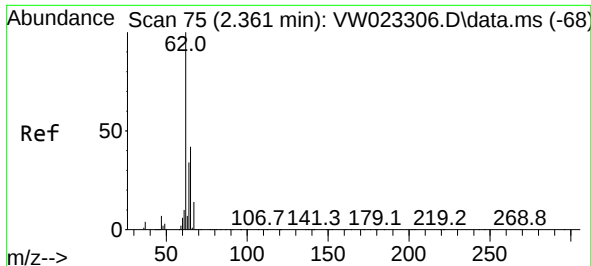
Tgt Ion: 85 Resp: 47816
Ion Ratio Lower Upper
85 100
87 30.7 27.8 41.8



#3
Chloromethane
Concen: 32.958 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion: 50 Resp: 108459
Ion Ratio Lower Upper
50 100
52 32.3 23.1 42.9

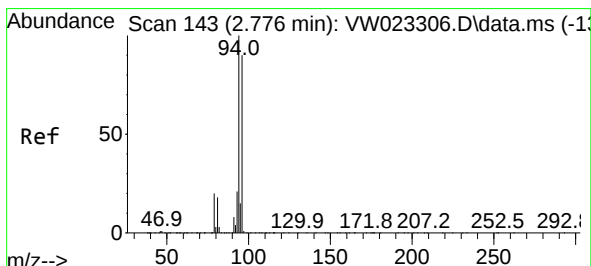
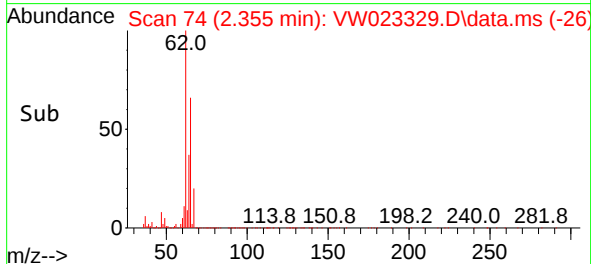
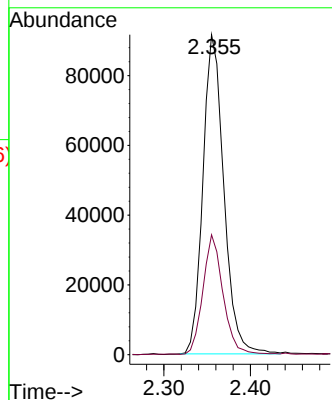
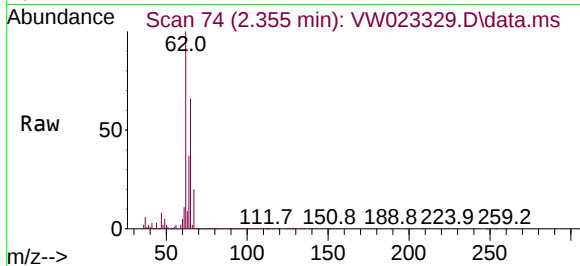




#5
 Vinyl chloride
 Concen: 23.252 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023329.D
 Acq: 25 May 2022 18:49

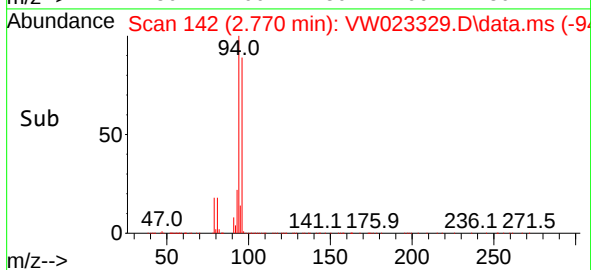
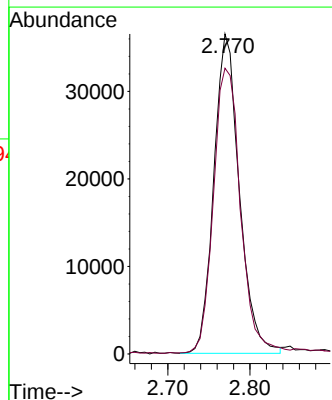
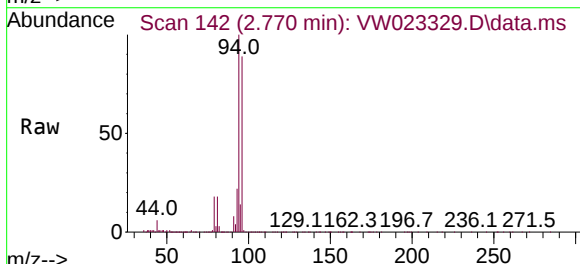
Instrument :
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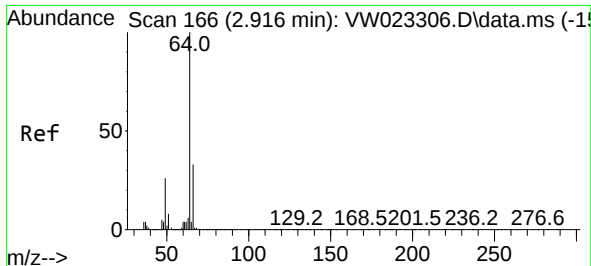
Tgt Ion: 62 Resp: 153567
 Ion Ratio Lower Upper
 62 100
 64 37.5 24.9 46.3



#6
 Bromomethane
 Concen: 18.538 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023329.D
 Acq: 25 May 2022 18:49

Tgt Ion: 94 Resp: 78608
 Ion Ratio Lower Upper
 94 100
 96 89.3 61.7 114.5

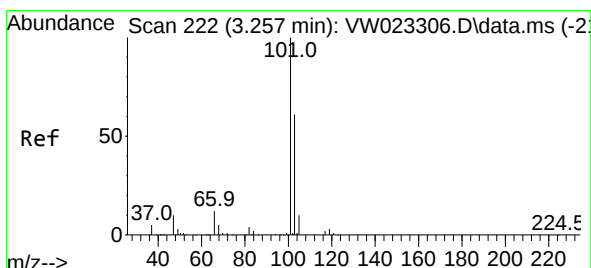
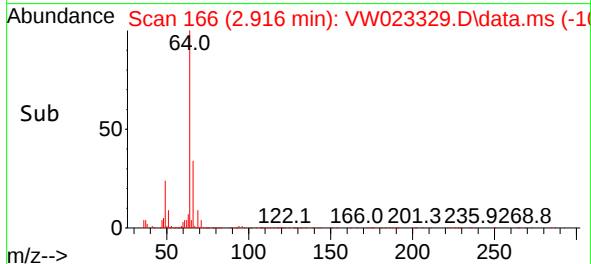
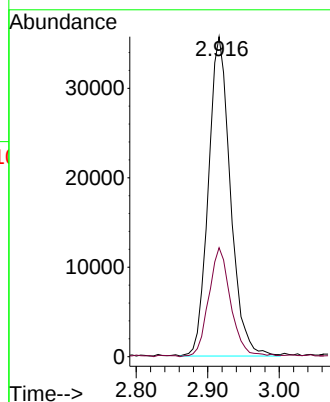
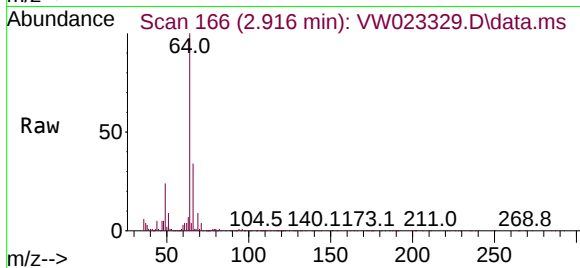




#8
Chloroethane
Concen: 24.008 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

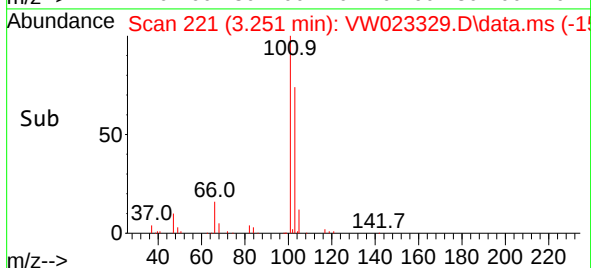
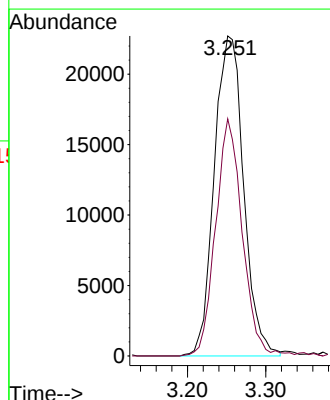
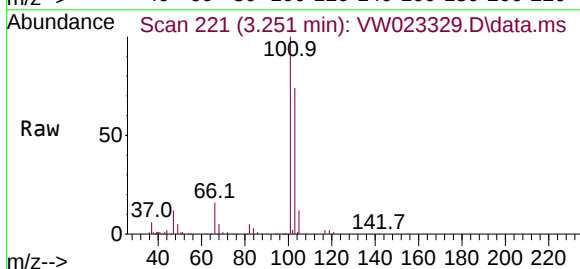
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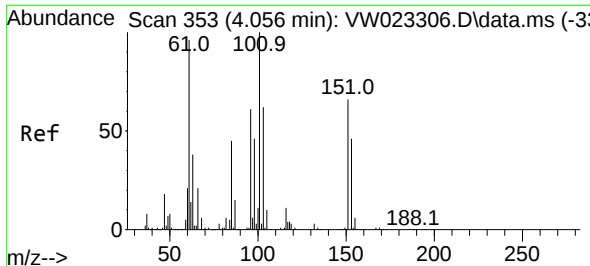
Tgt Ion: 64 Resp: 76476
Ion Ratio Lower Upper
64 100
66 34.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 19.612 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion: 101 Resp: 59202
Ion Ratio Lower Upper
101 100
103 66.5 53.9 80.9

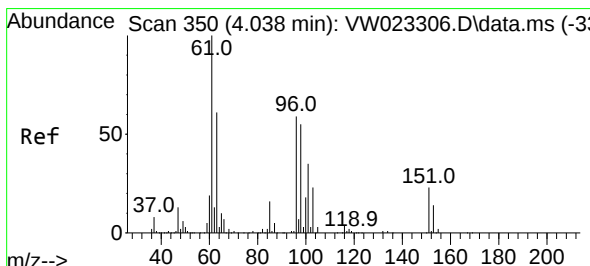
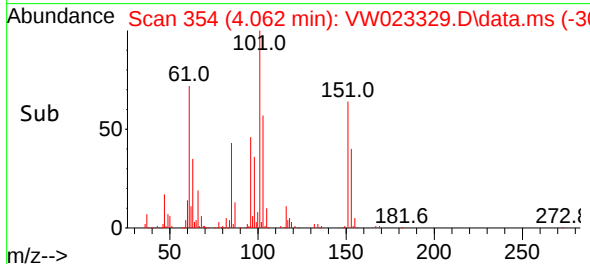
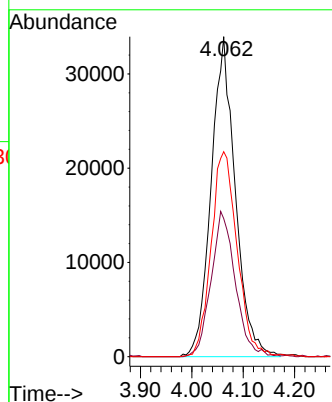
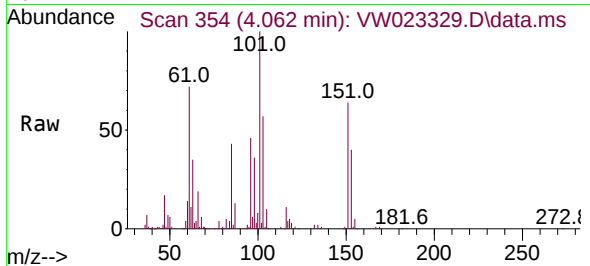




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.532 ug/L
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW023329.D
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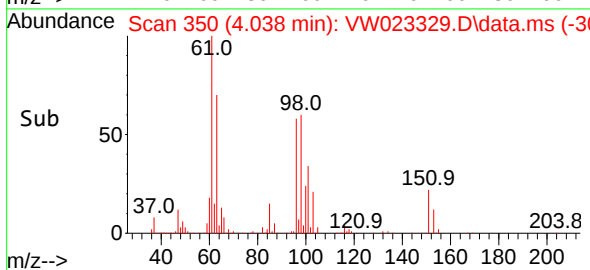
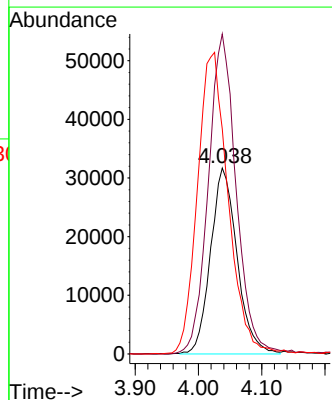
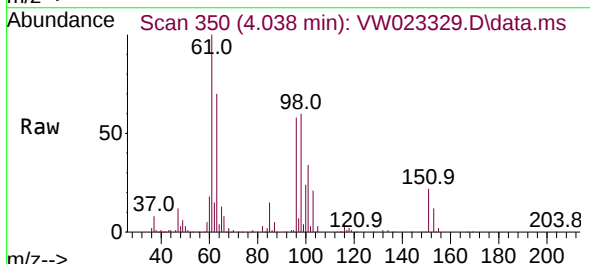
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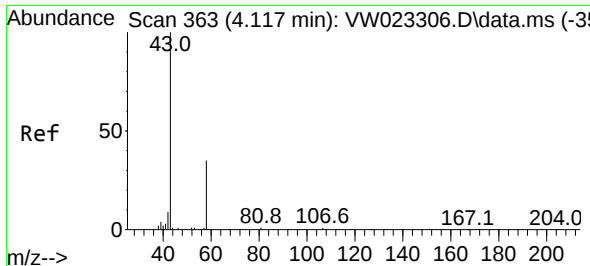
Tgt Ion:101 Resp: 110727
Ion Ratio Lower Upper
101 100
85 44.8 34.3 51.5
151 69.0 54.2 81.2



#12
1,1-Dichloroethene
Concen: 23.045 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion: 96 Resp: 92208
Ion Ratio Lower Upper
96 100
61 172.0 125.7 233.5
63 121.0 83.4 155.0

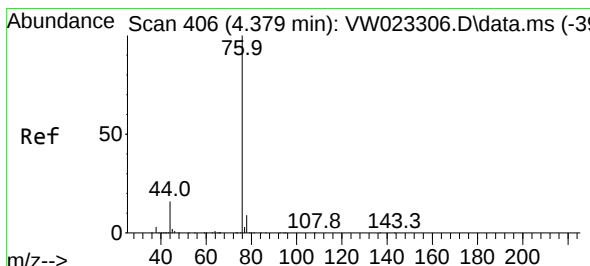
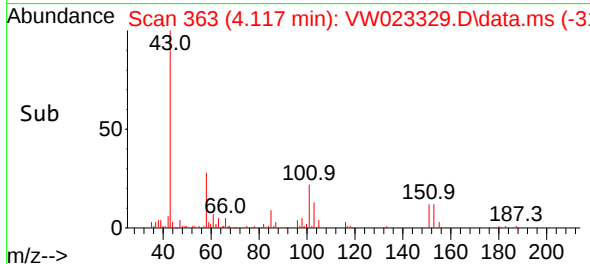
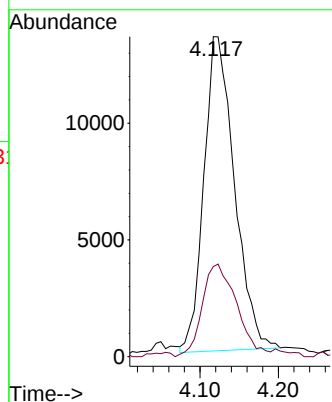
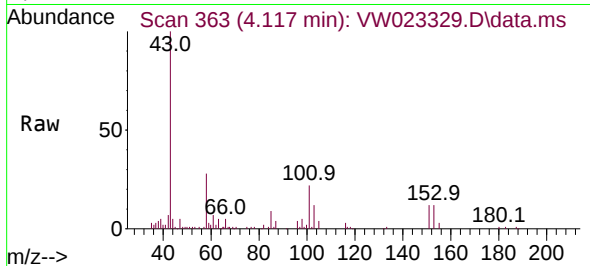




#13
Acetone
Concen: 40.052 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW023329.D
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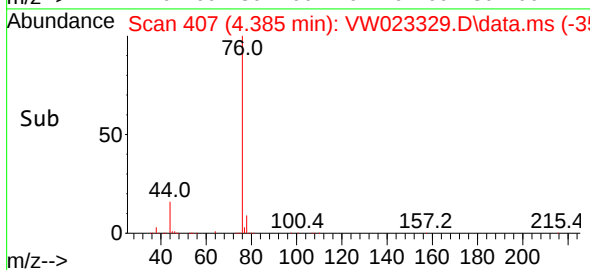
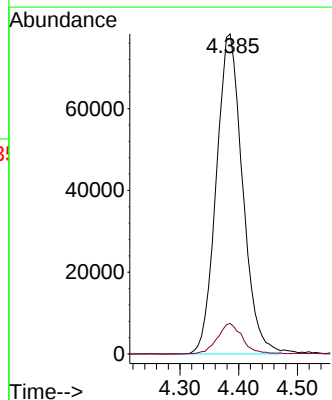
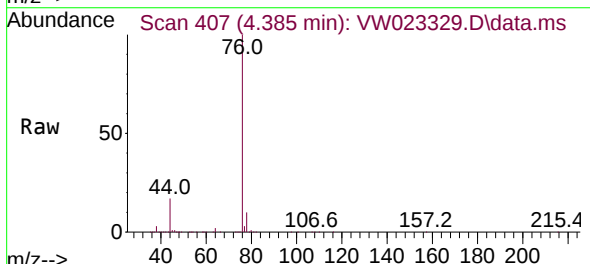
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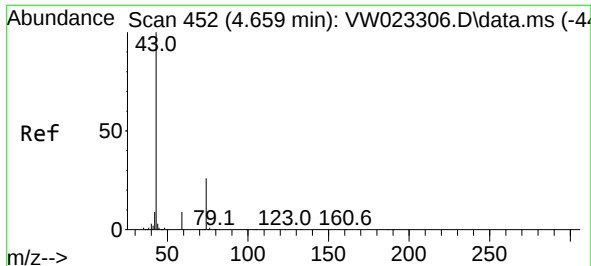
Tgt Ion: 43 Resp: 36542
Ion Ratio Lower Upper
43 100
58 33.2 0.0 64.0



#14
Carbon disulfide
Concen: 22.154 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 243022
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5

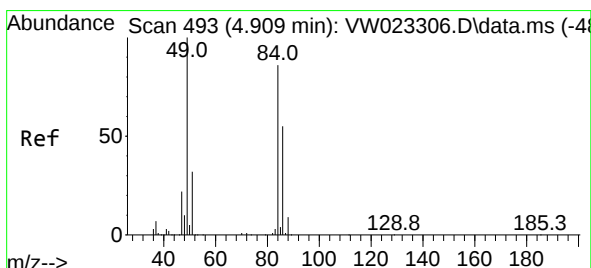
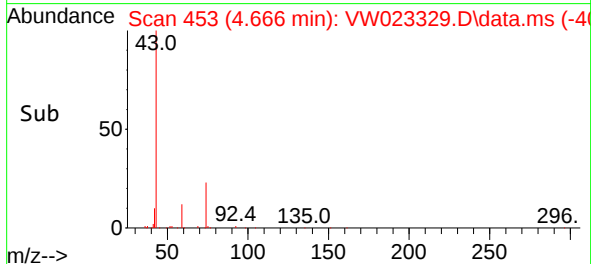
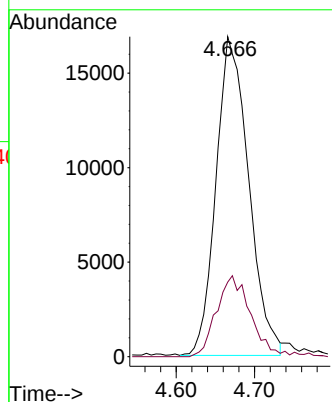
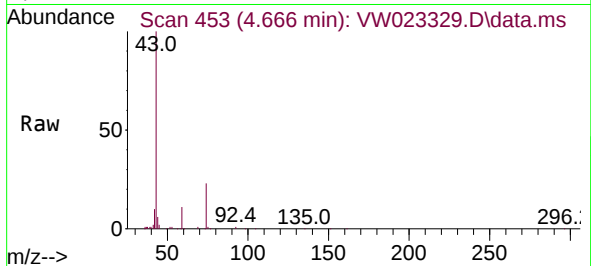




#15
Methyl Acetate
Concen: 26.622 ug/L
RT: 4.666 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

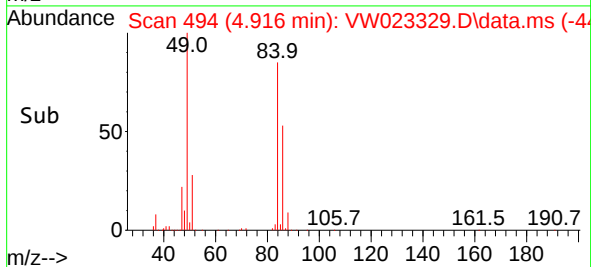
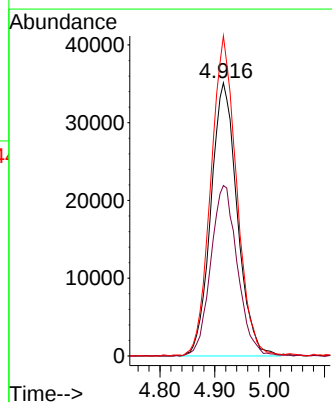
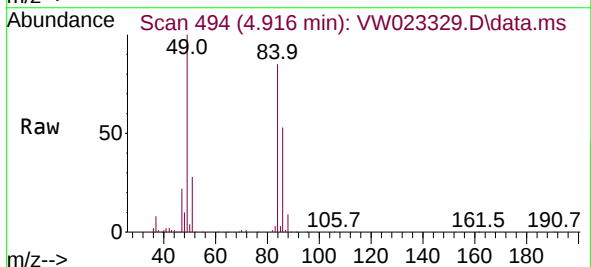
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

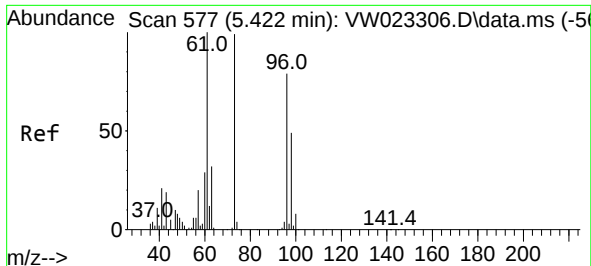
Tgt Ion: 43 Resp: 48797
Ion Ratio Lower Upper
43 100
74 26.3 21.9 32.9



#16
Methylene chloride
Concen: 25.638 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion: 84 Resp: 117197
Ion Ratio Lower Upper
84 100
86 62.4 45.4 84.4
49 117.2 82.5 153.1

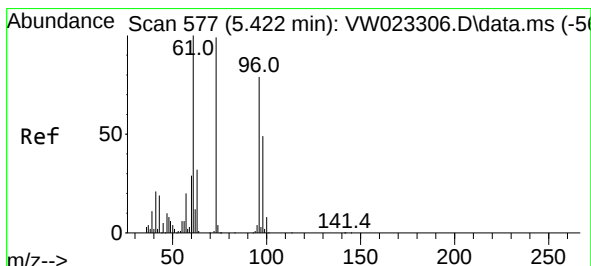
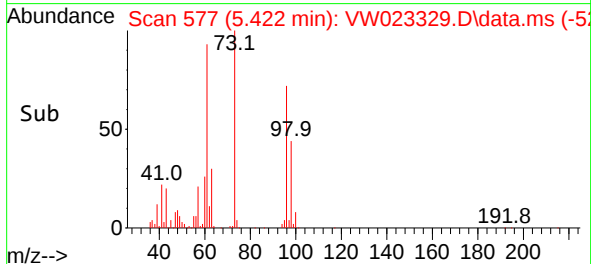
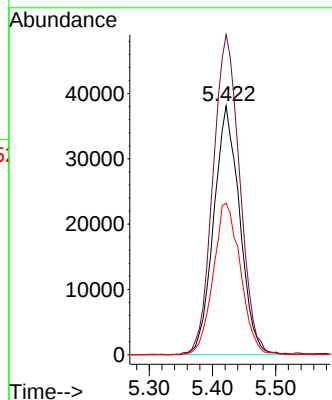
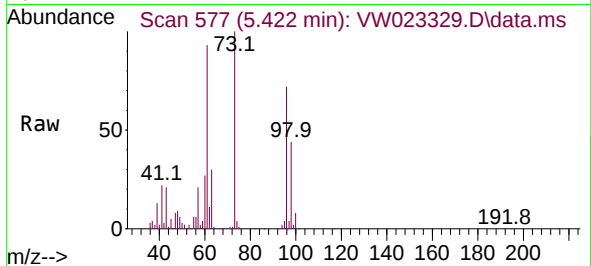




#17
trans-1,2-Dichloroethene
Concen: 24.101 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

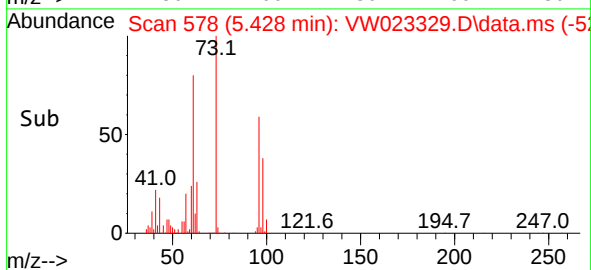
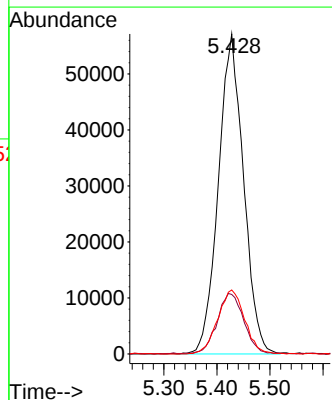
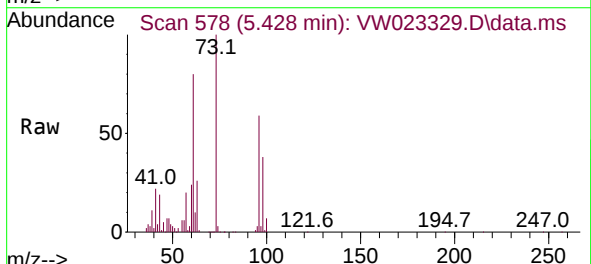
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

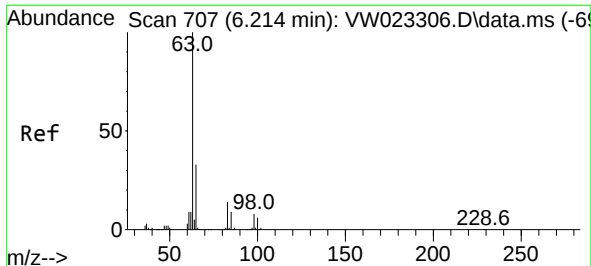
Tgt Ion: 96 Resp: 108520
Ion Ratio Lower Upper
96 100
61 128.6 92.2 171.2
98 60.9 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 27.373 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion: 73 Resp: 188151
Ion Ratio Lower Upper
73 100
43 19.7 15.9 23.9
57 21.4 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.650 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

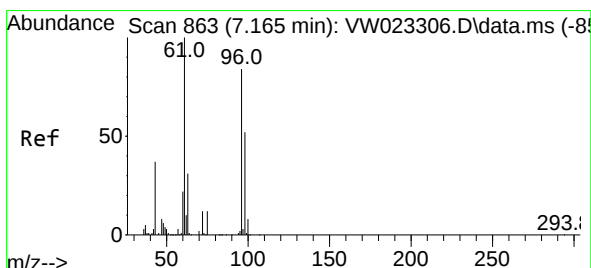
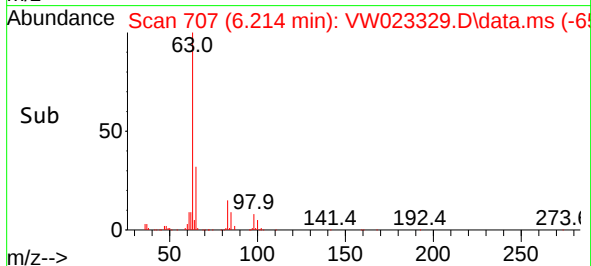
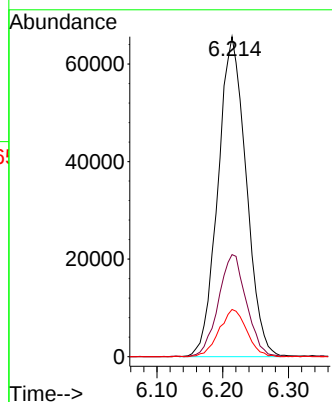
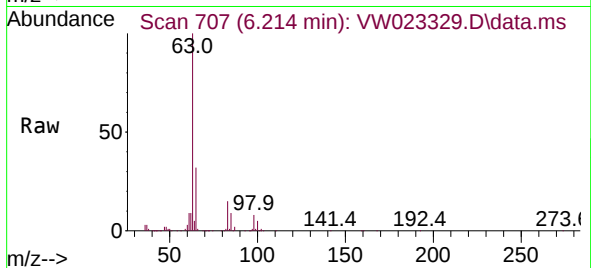
Tgt Ion: 63 Resp: 195740

Ion Ratio Lower Upper

63 100

65 31.9 23.3 43.3

83 14.8 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 25.833 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

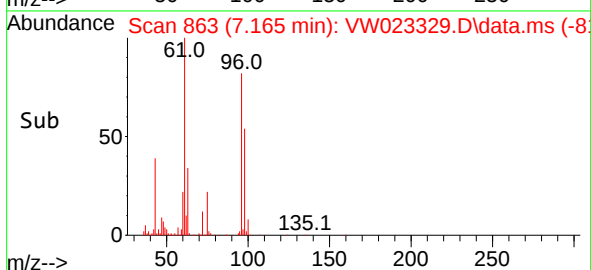
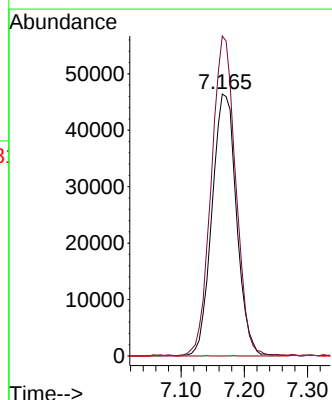
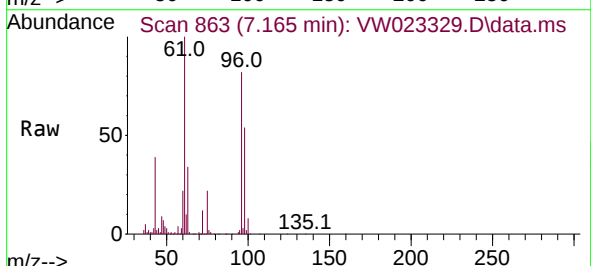
Tgt Ion: 96 Resp: 124935

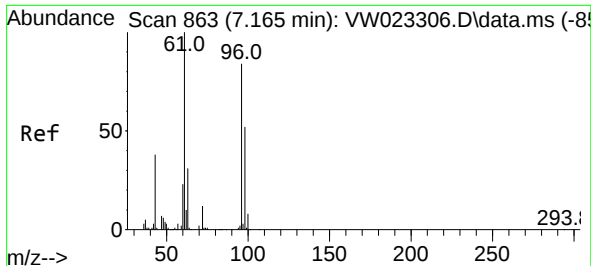
Ion Ratio Lower Upper

96 100

61 122.1 84.2 156.4

68 0.0 0.1 0.1#

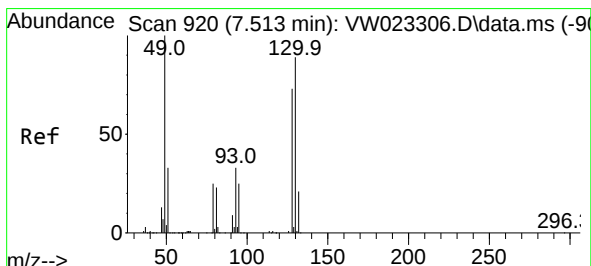
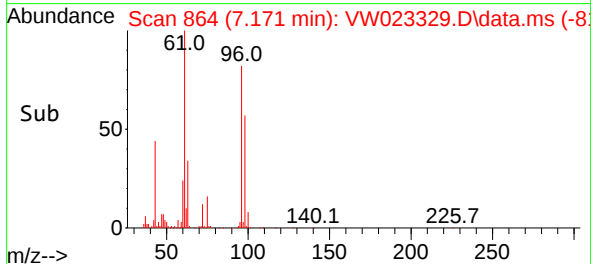
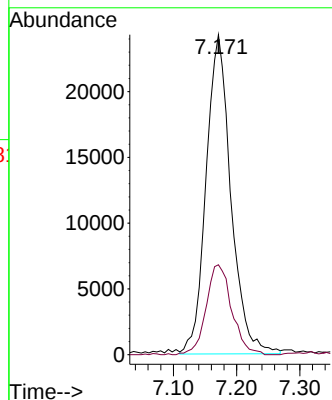
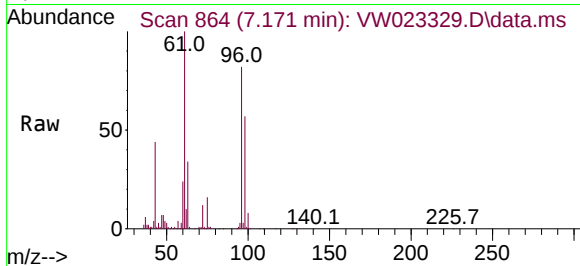




#22
2-Butanone
Concen: 51.875 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

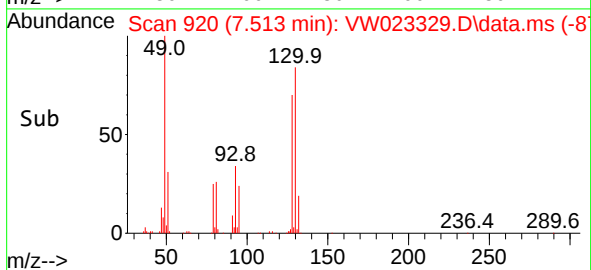
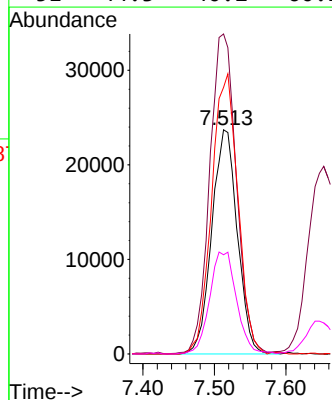
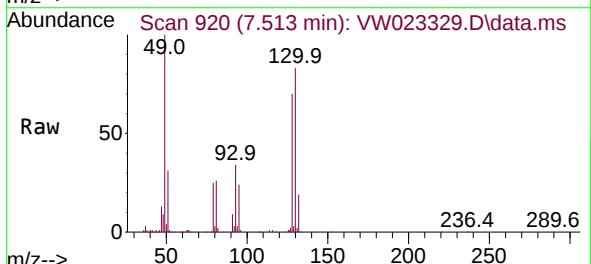
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

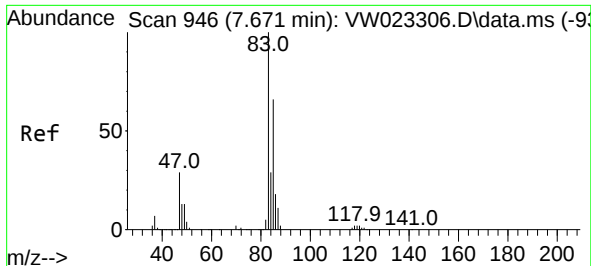
Tgt Ion: 43 Resp: 66189
Ion Ratio Lower Upper
43 100
72 29.0 15.1 45.3



#23
Bromochloromethane
Concen: 25.941 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion: 128 Resp: 58754
Ion Ratio Lower Upper
128 100
49 142.7 110.0 204.4
130 118.9 94.8 176.0
51 44.3 40.2 60.2

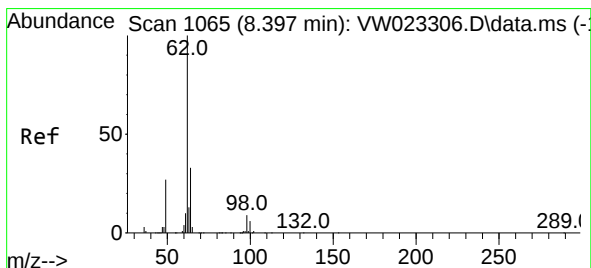
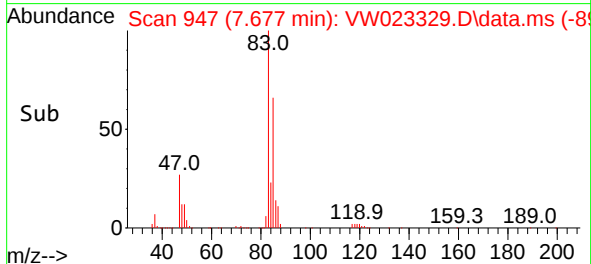
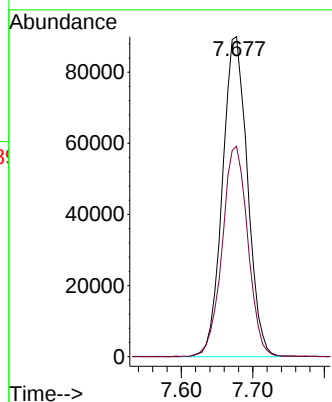
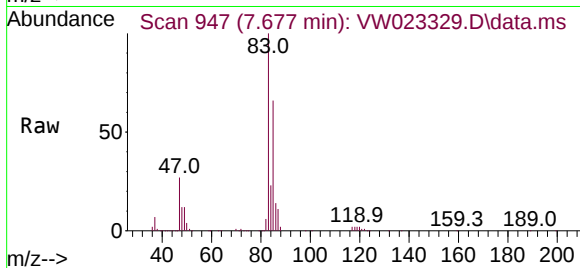




#25
Chloroform
Concen: 25.892 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

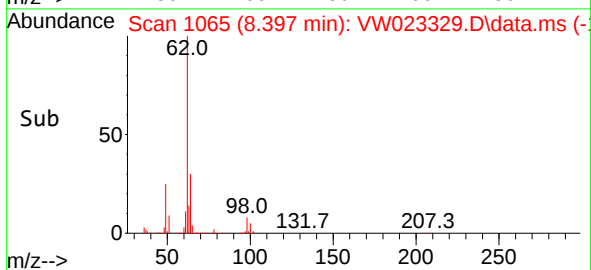
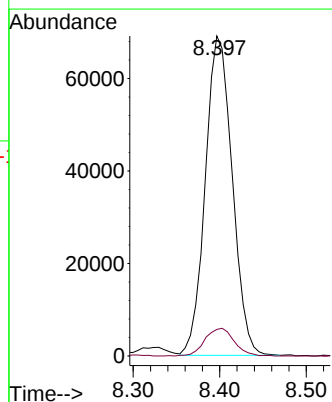
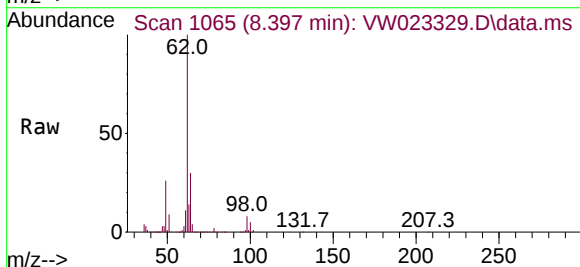
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

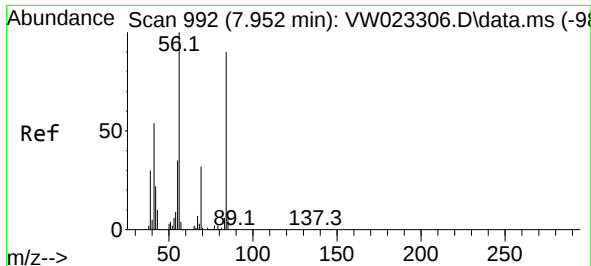
Tgt Ion: 83 Resp: 218487
Ion Ratio Lower Upper
83 100
85 65.7 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.526 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion: 62 Resp: 149208
Ion Ratio Lower Upper
62 100
98 8.3 7.2 10.8





#29

Cyclohexane

Concen: 23.902 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

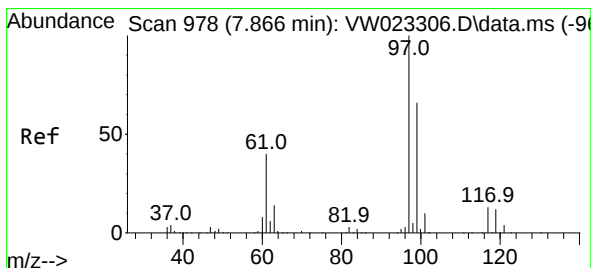
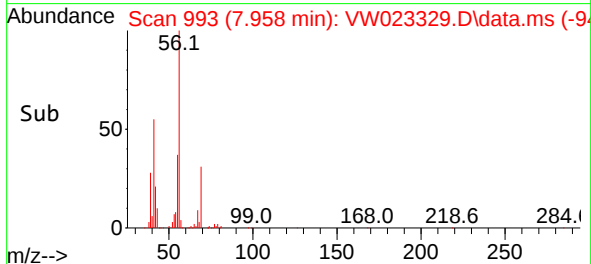
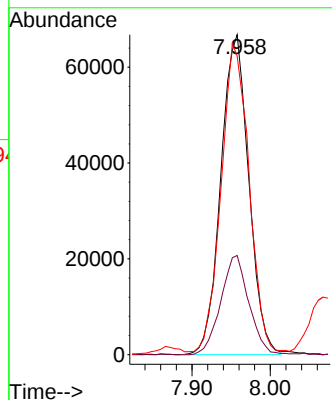
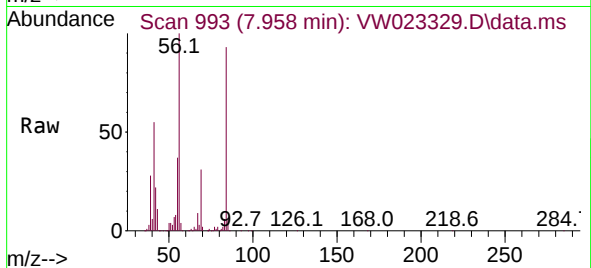
Tgt Ion: 56 Resp: 165500

Ion Ratio Lower Upper

56 100

69 31.3 25.6 38.4

84 97.7 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 24.738 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

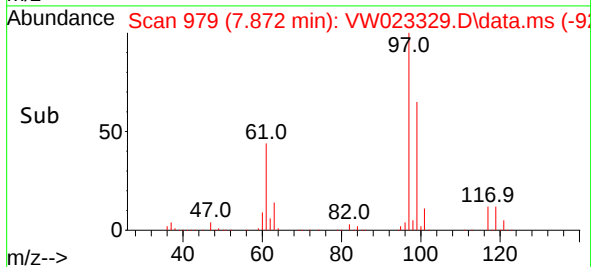
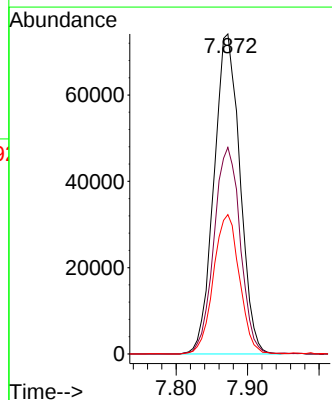
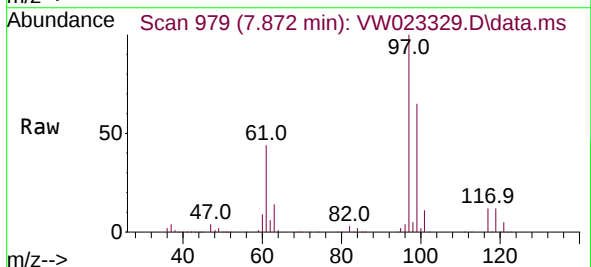
Tgt Ion: 97 Resp: 187167

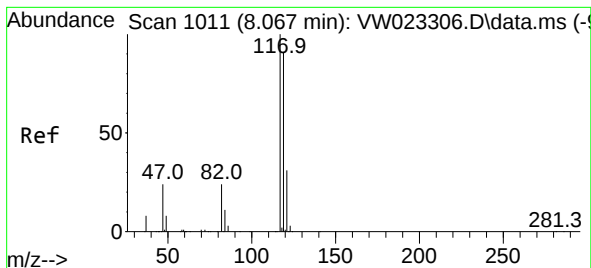
Ion Ratio Lower Upper

97 100

99 65.4 51.0 76.4

61 43.6 34.8 52.2

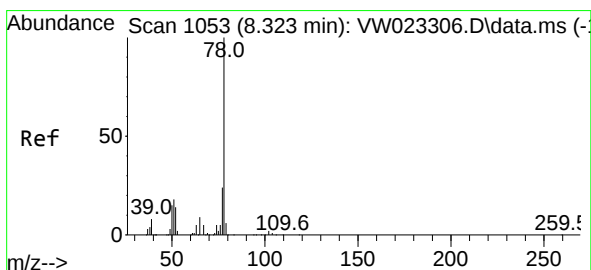
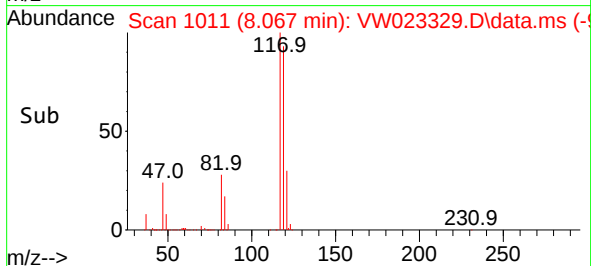
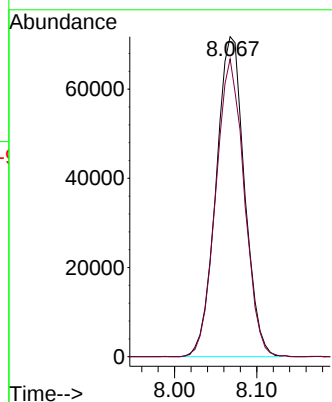
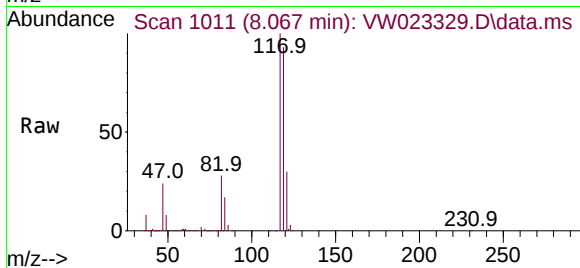




#31
Carbon tetrachloride
Concen: 24.385 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

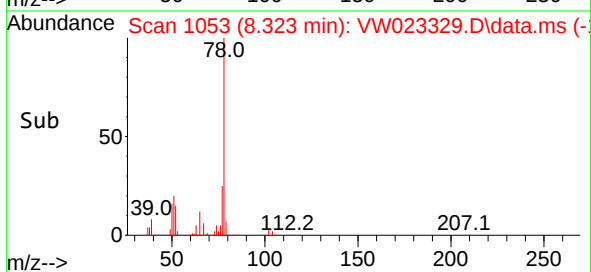
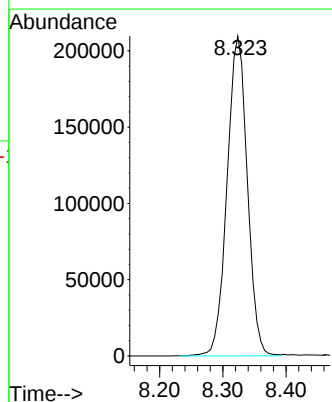
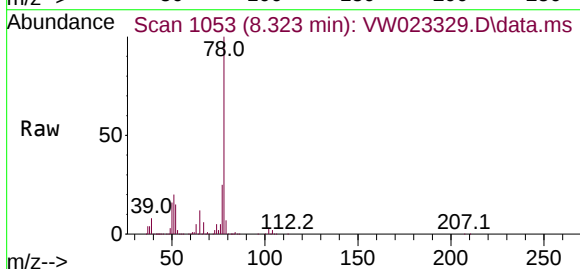
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

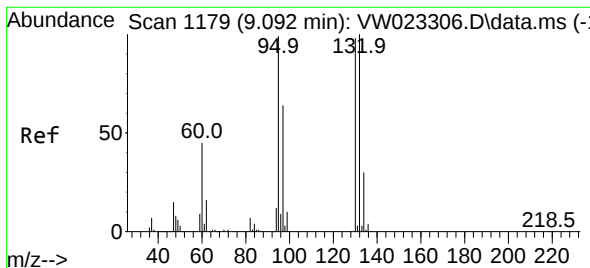
Tgt Ion:117 Resp: 172588
Ion Ratio Lower Upper
117 100
119 92.7 76.6 115.0



#33
Benzene
Concen: 24.731 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion: 78 Resp: 466461





#34

Trichloroethene

Concen: 24.301 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

Tgt Ion: 95 Resp: 126049

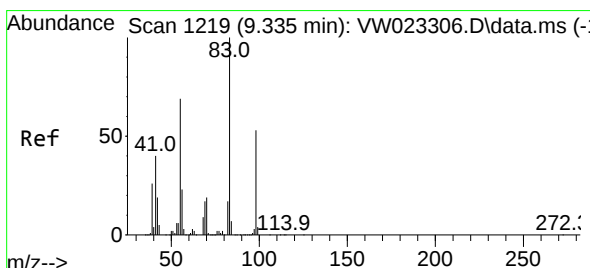
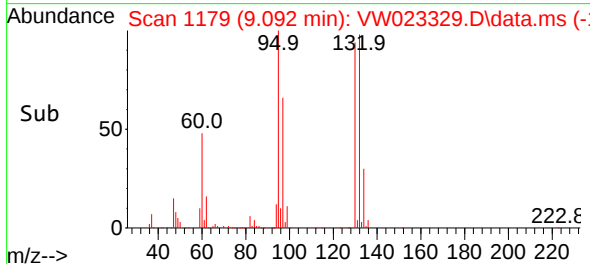
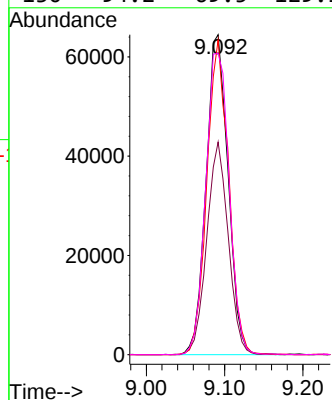
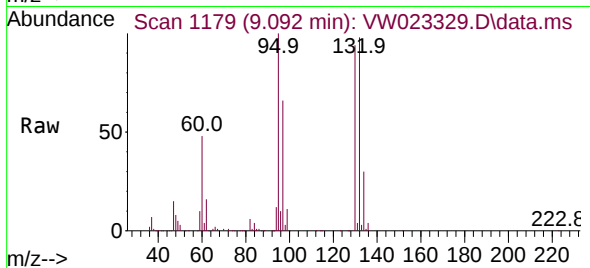
Ion Ratio Lower Upper

95 100

97 66.5 46.1 85.7

132 98.4 66.9 124.3

130 94.2 69.5 129.1



#35

Methylcyclohexane

Concen: 24.499 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

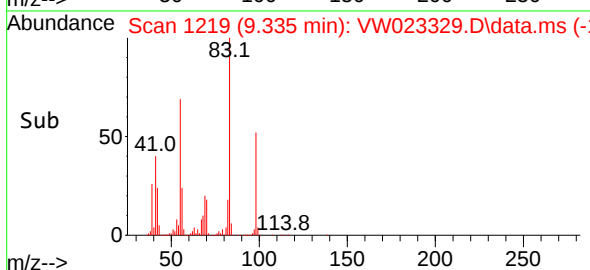
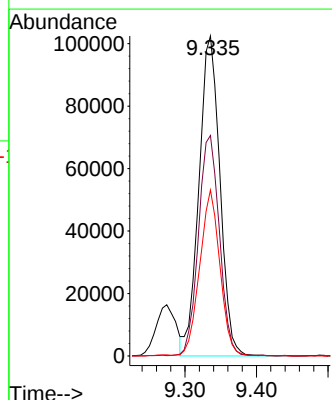
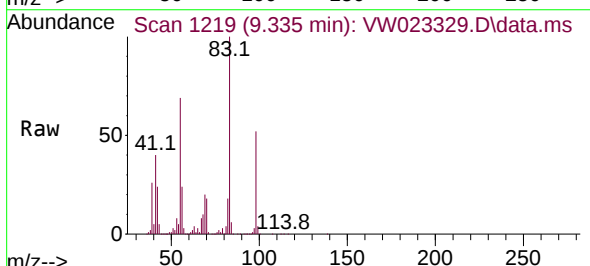
Tgt Ion: 83 Resp: 208761

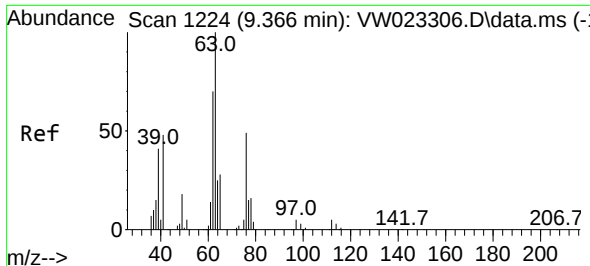
Ion Ratio Lower Upper

83 100

55 68.9 55.1 82.7

98 49.8 40.4 60.6





#37

1,2-Dichloropropane

Concen: 25.187 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

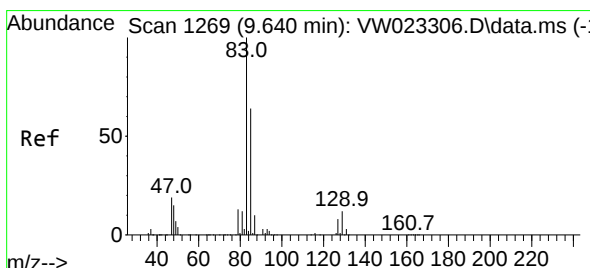
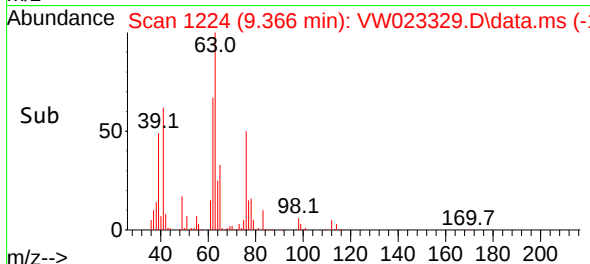
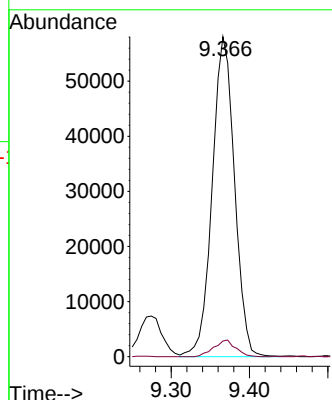
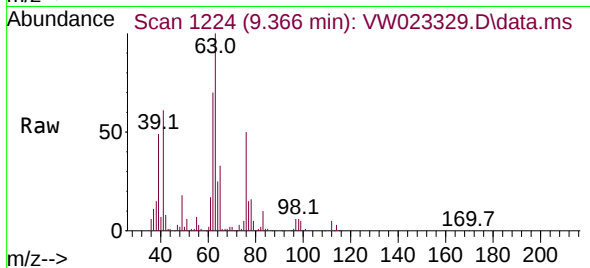
VSTD025552

Tgt Ion: 63 Resp: 114960

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 24.992 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

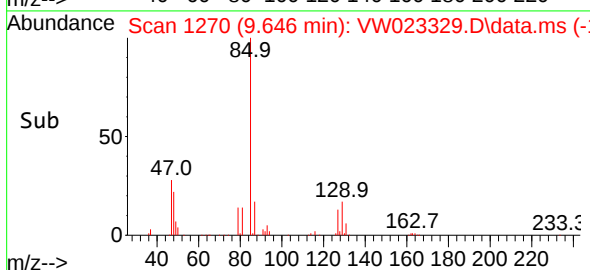
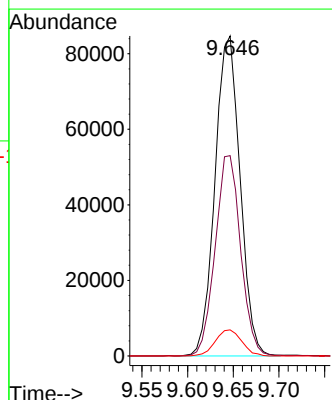
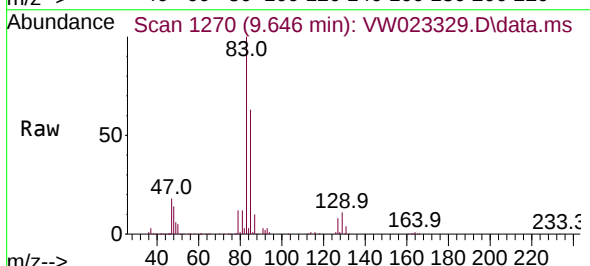
Tgt Ion: 83 Resp: 162022

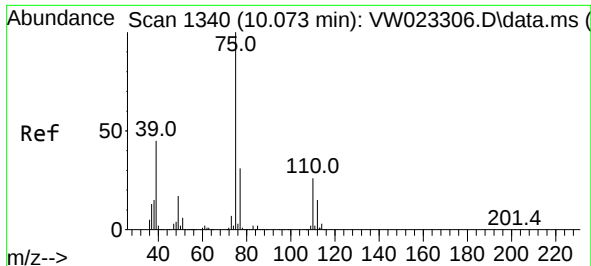
Ion Ratio Lower Upper

83 100

85 62.6 43.5 80.7

127 8.1 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.644 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

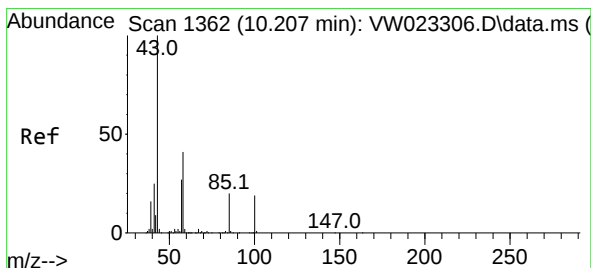
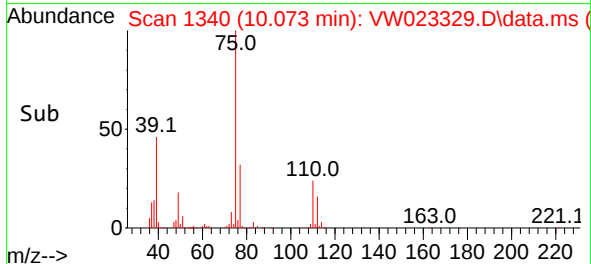
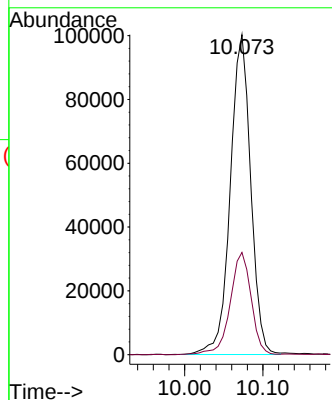
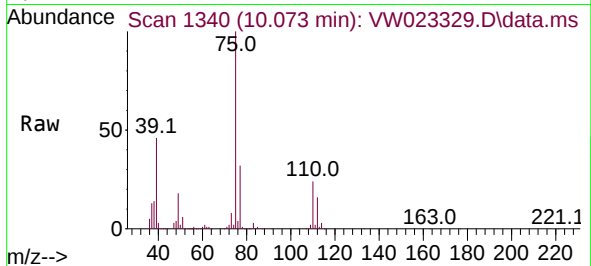
VSTD025552

Tgt Ion: 75 Resp: 181491

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 52.159 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

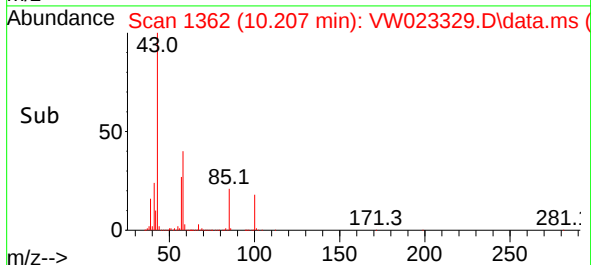
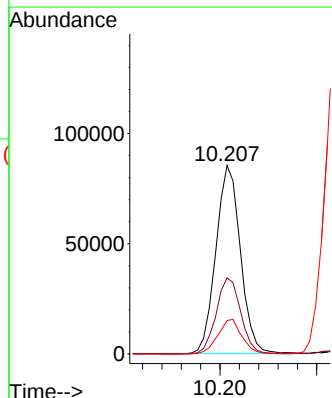
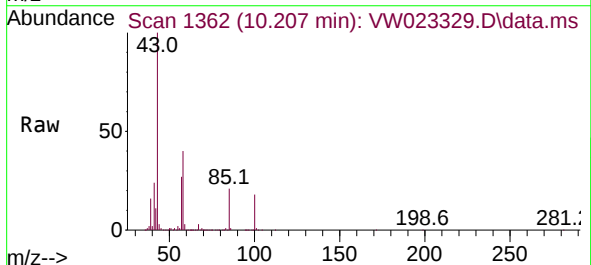
Tgt Ion: 43 Resp: 150056

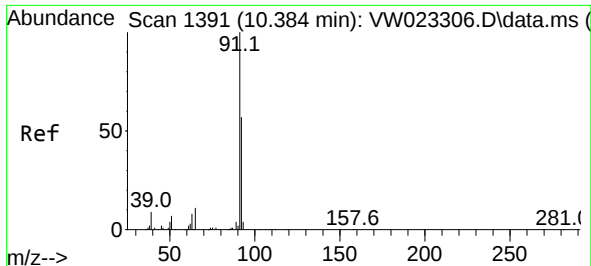
Ion Ratio Lower Upper

43 100

58 40.6 31.4 47.2

100 18.0 14.2 21.4

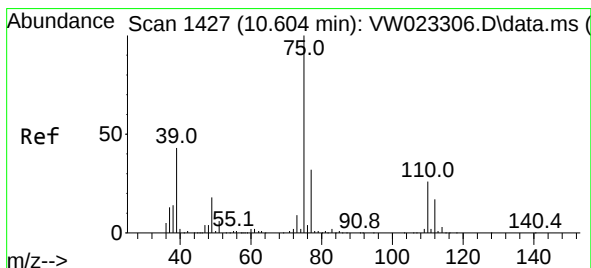
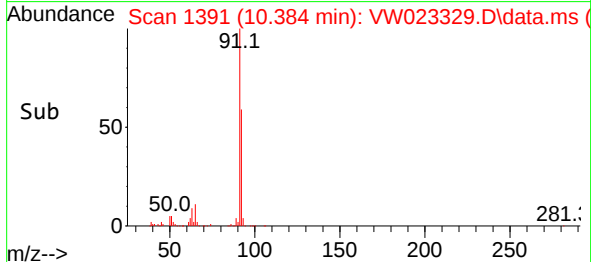
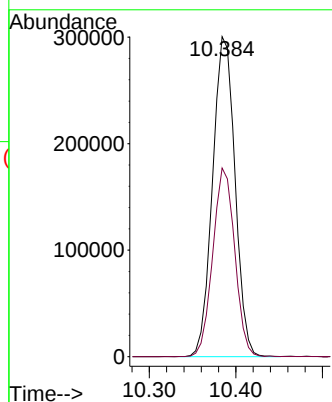
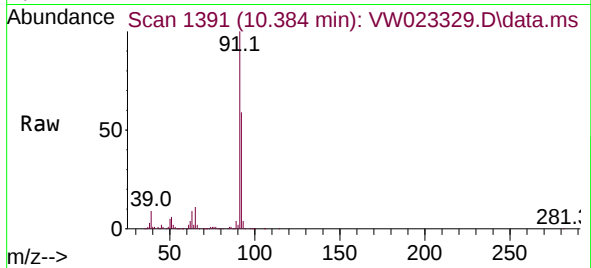




#42
Toluene
Concen: 25.579 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

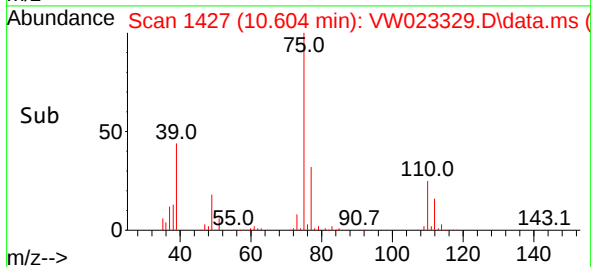
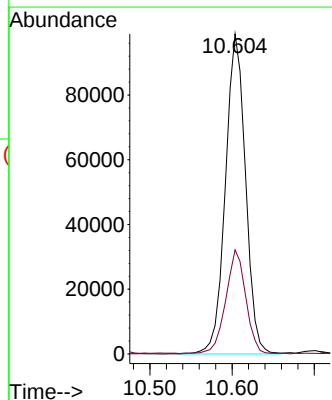
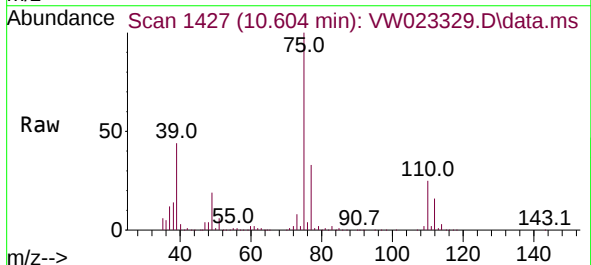
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

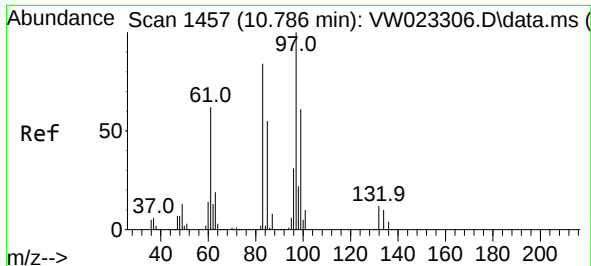
Tgt Ion: 91 Resp: 540683
Ion Ratio Lower Upper
91 100
92 59.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 26.547 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion: 75 Resp: 167698
Ion Ratio Lower Upper
75 100
77 32.5 22.0 40.8

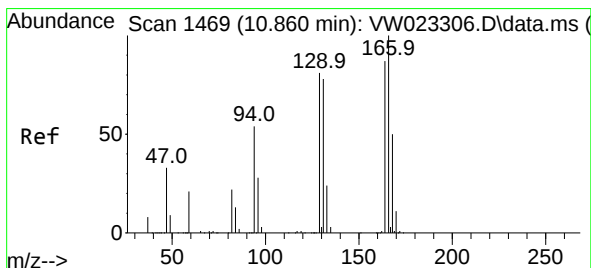
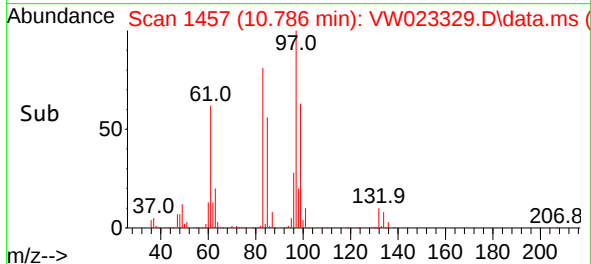
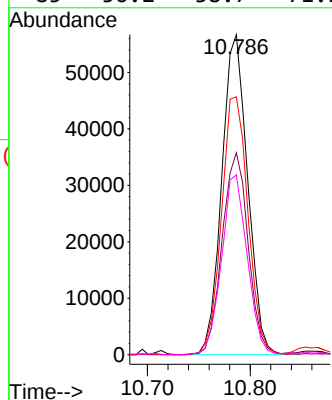
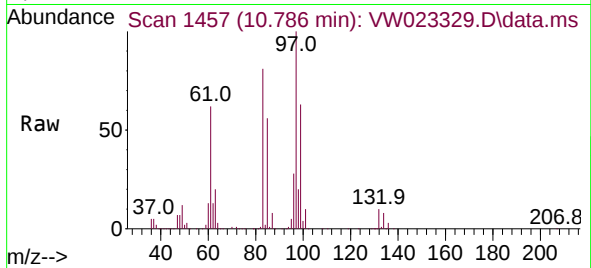




#45
1,1,2-Trichloroethane
Concen: 25.933 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

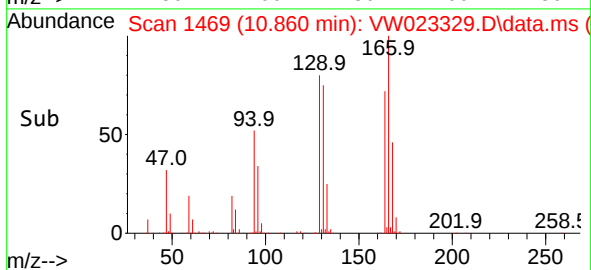
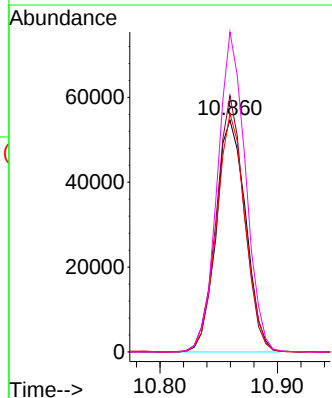
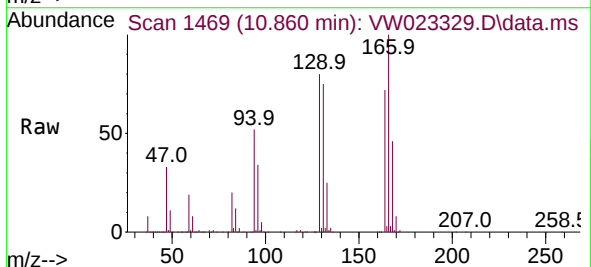
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

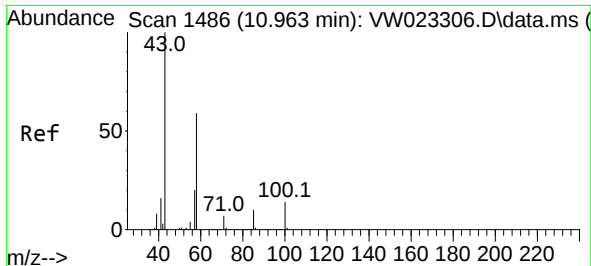
Tgt Ion:	97	Resp:	98951
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.7	82.9
83	80.6	58.4	108.4
85	56.2	38.7	71.9



#46
Tetrachloroethene
Concen: 24.601 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion:	164	Resp:	95895
Ion	Ratio	Lower	Upper
164	100		
129	110.6	76.9	142.7
131	102.8	75.1	139.5
166	138.0	96.0	178.2



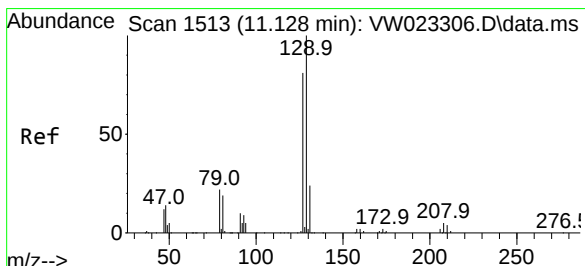
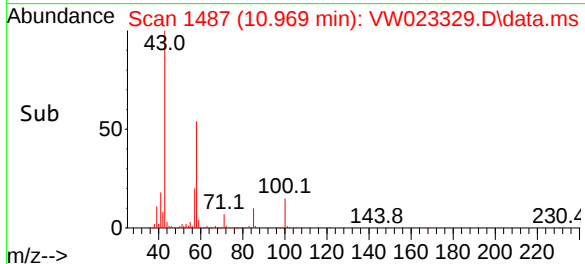
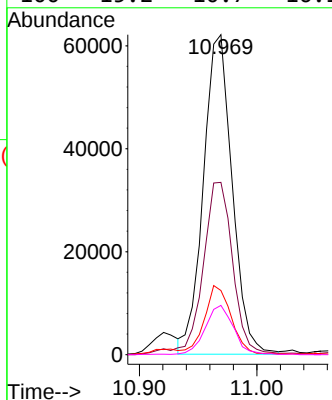
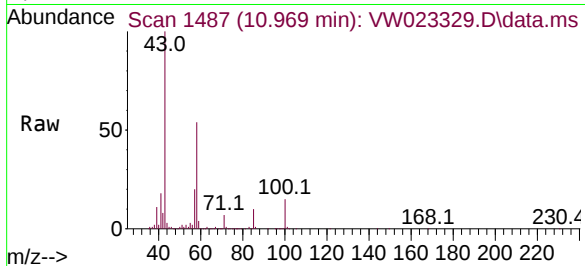


#48
2-Hexanone
Concen: 55.038 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

Tgt Ion: 43 Resp: 105794

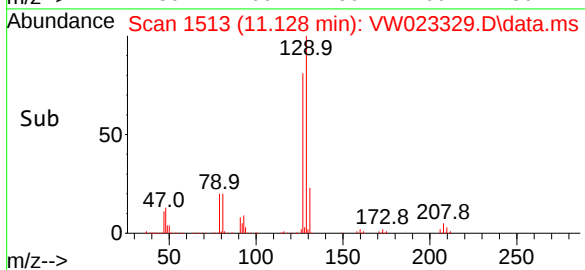
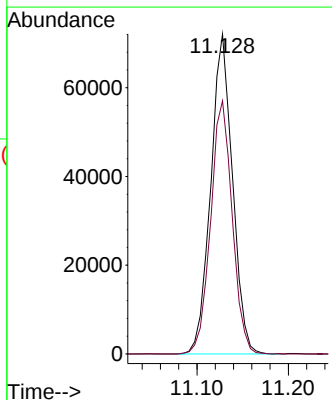
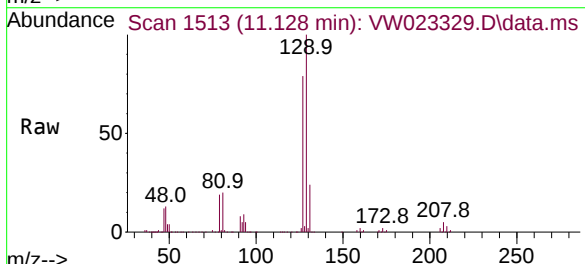
Ion	Ratio	Lower	Upper
43	100		
58	54.7	45.9	68.9
57	20.3	16.2	24.2
100	15.2	10.7	16.1

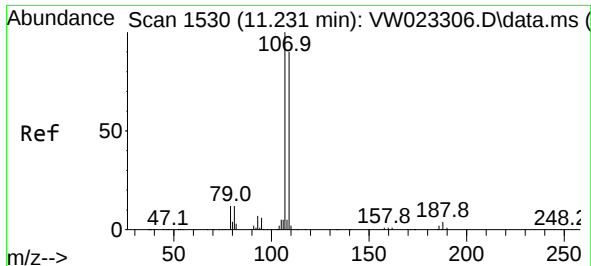


#49
Dibromochloromethane
Concen: 25.955 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion: 129 Resp: 119195

Ion	Ratio	Lower	Upper
129	100		
127	79.1	53.8	100.0

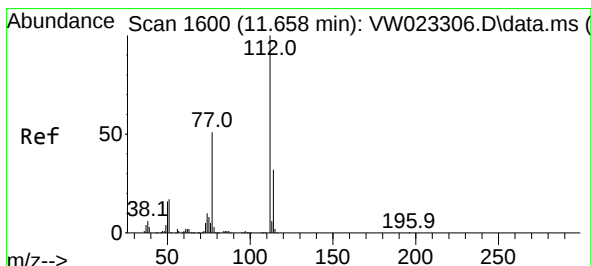
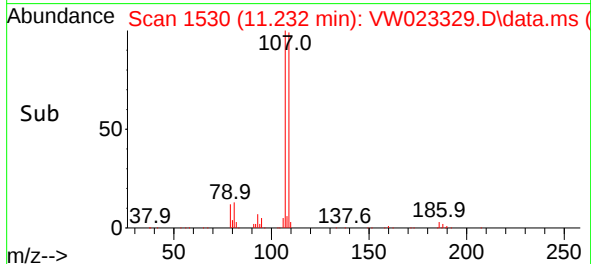
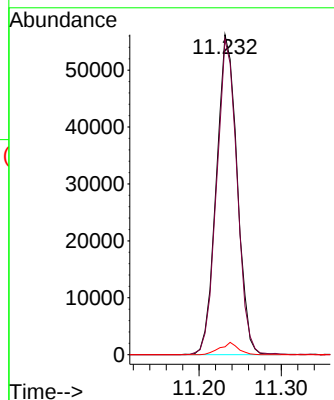
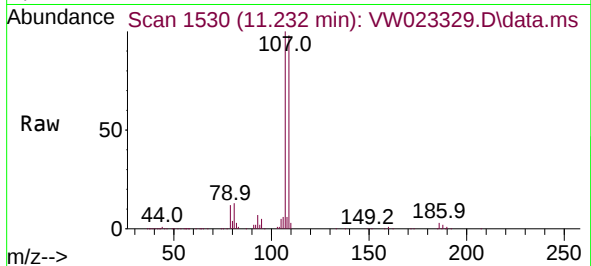




#50
1,2-Dibromoethane
Concen: 25.793 ug/L
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

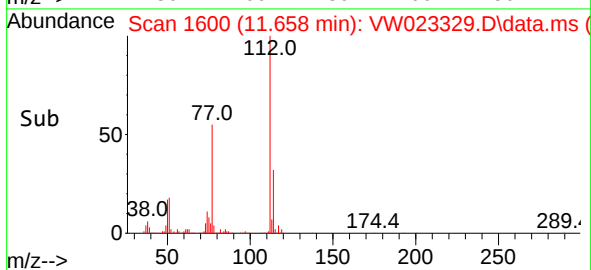
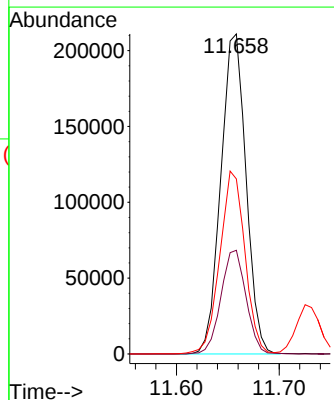
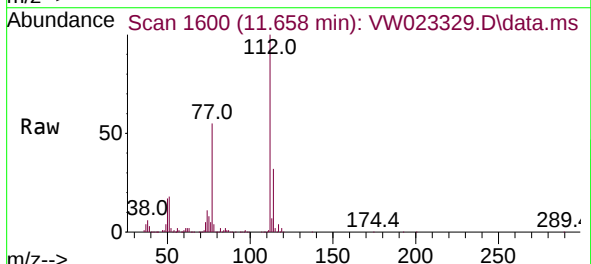
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

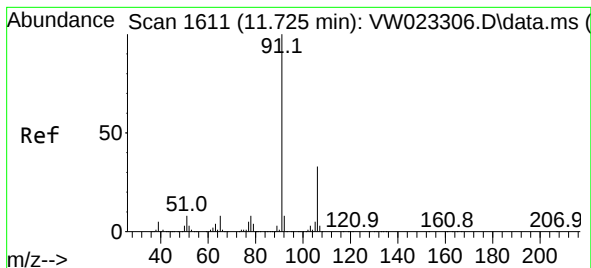
Tgt Ion:107 Resp: 98823
Ion Ratio Lower Upper
107 100
109 98.5 67.5 125.4
188 2.5 2.9 4.3#



#51
Chlorobenzene
Concen: 25.796 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion:112 Resp: 359469
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 54.7 42.6 63.8

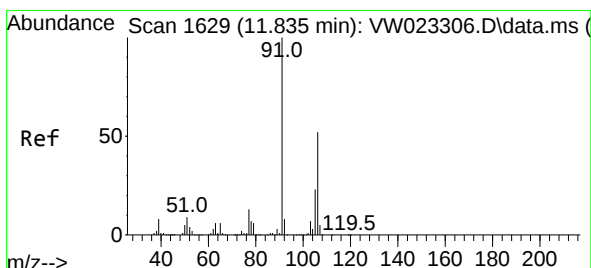
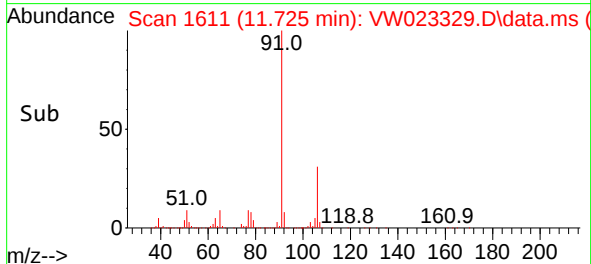
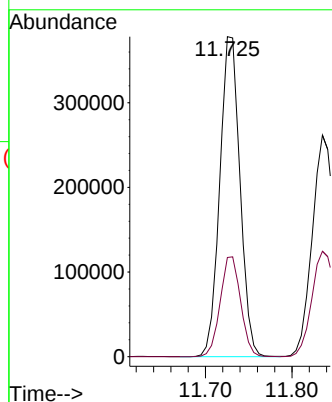
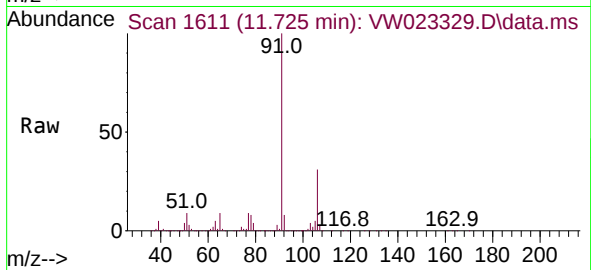




#52
Ethylbenzene
Concen: 26.078 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

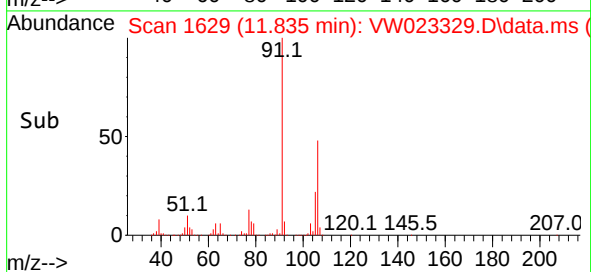
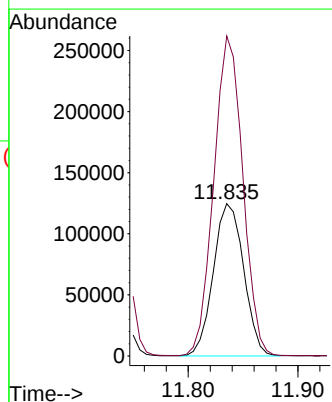
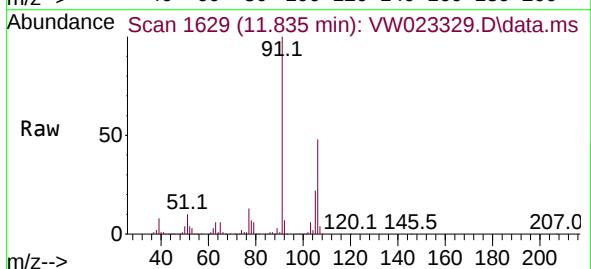
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

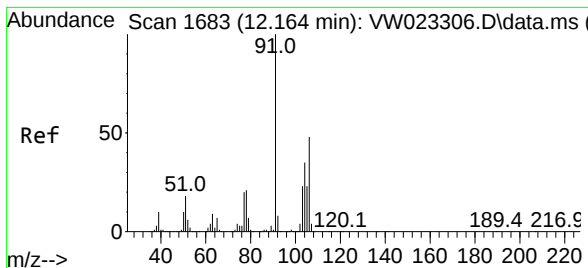
Tgt Ion: 91 Resp: 613258
Ion Ratio Lower Upper
91 100
106 31.0 22.3 41.3



#53
m,p-Xylene
Concen: 25.863 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion: 106 Resp: 239645
Ion Ratio Lower Upper
106 100
91 210.1 136.8 254.0

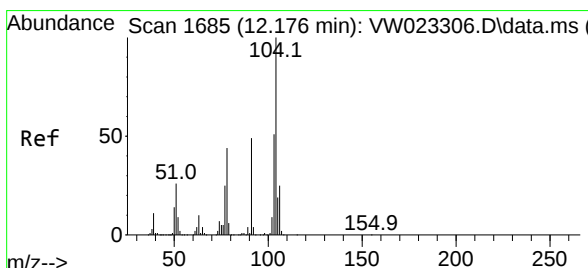
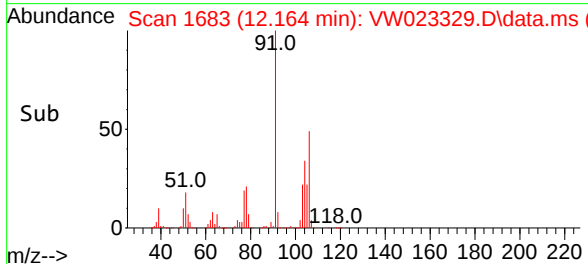
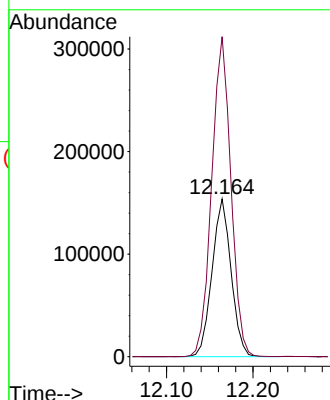
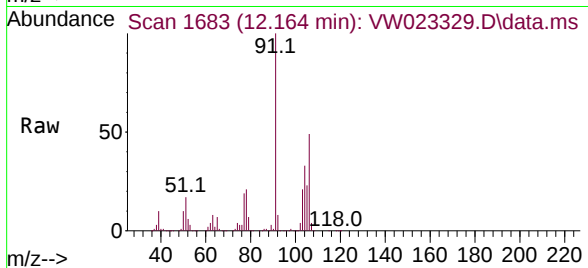




#54
o-Xylene
Concen: 26.414 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

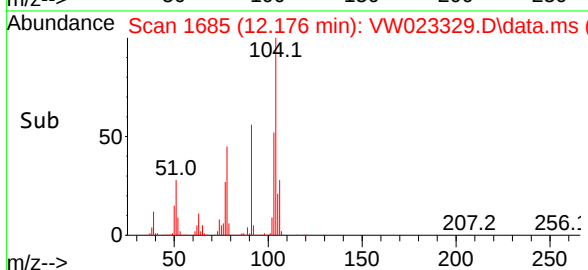
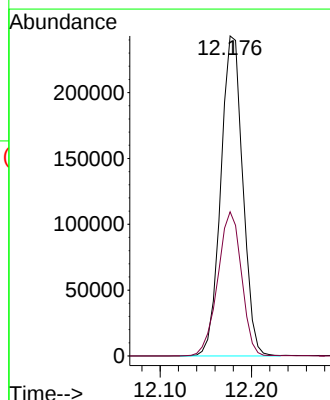
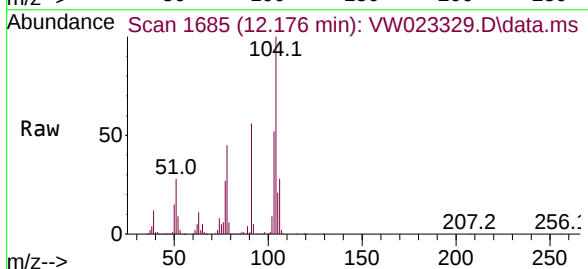
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

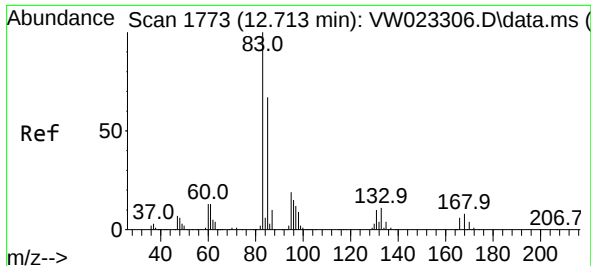
Tgt Ion:106 Resp: 234861
Ion Ratio Lower Upper
106 100
91 202.9 147.2 273.4



#55
Styrene
Concen: 26.893 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion:104 Resp: 406329
Ion Ratio Lower Upper
104 100
78 45.1 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 27.516 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

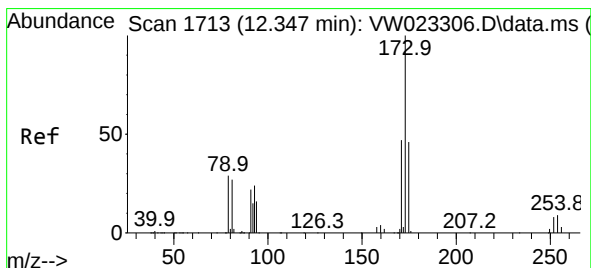
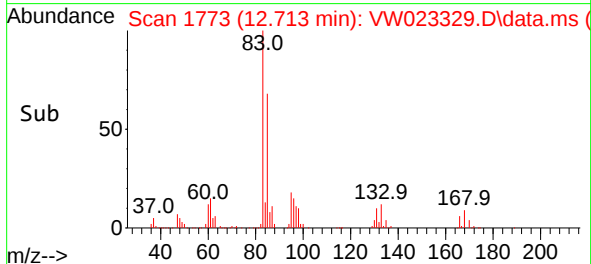
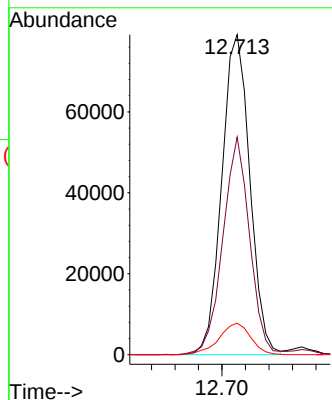
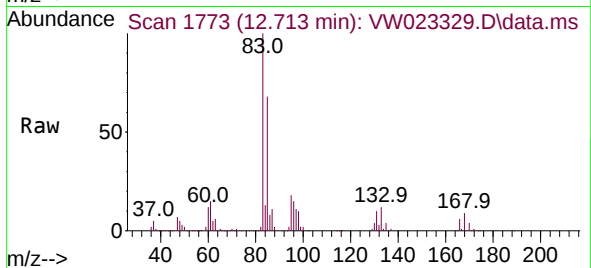
Tgt Ion: 83 Resp: 131136

Ion Ratio Lower Upper

83 100

85 68.0 47.5 88.1

131 9.8 8.7 13.1



#59

Bromoform

Concen: 24.710 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

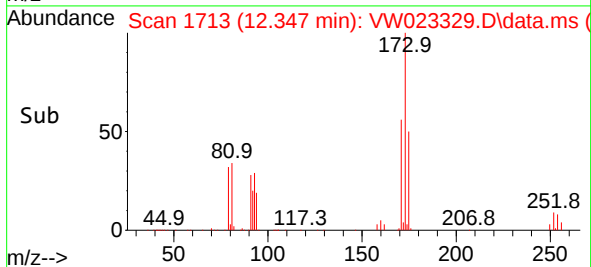
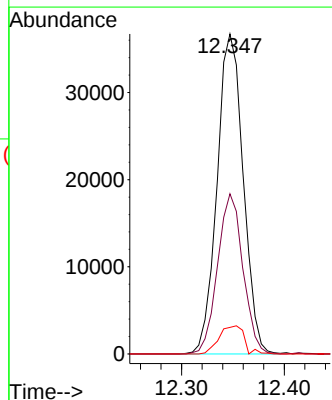
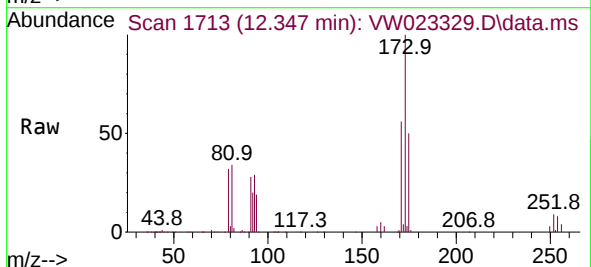
Tgt Ion:173 Resp: 64846

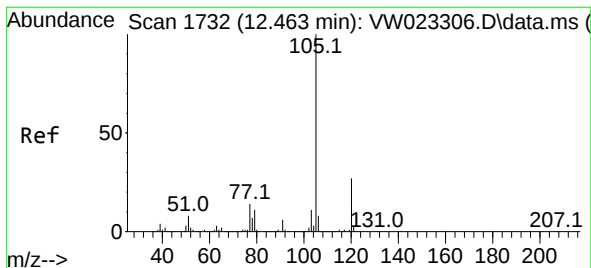
Ion Ratio Lower Upper

173 100

175 48.5 38.1 57.1

254 8.1 6.5 9.7





#60

Isopropylbenzene

Concen: 25.451 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

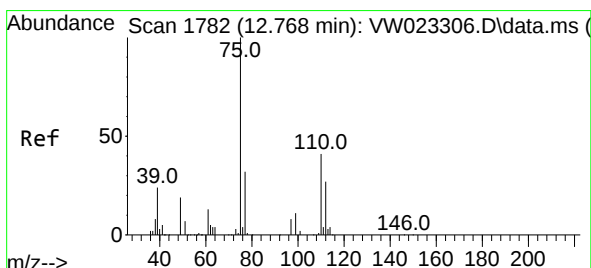
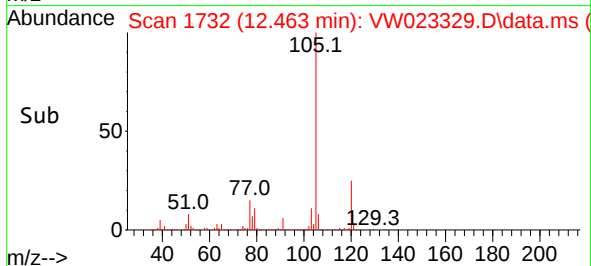
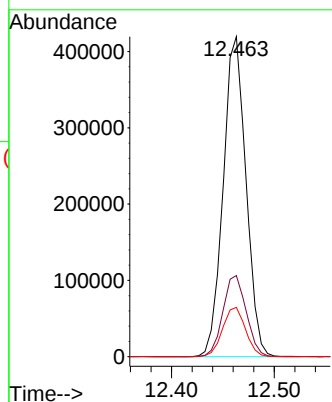
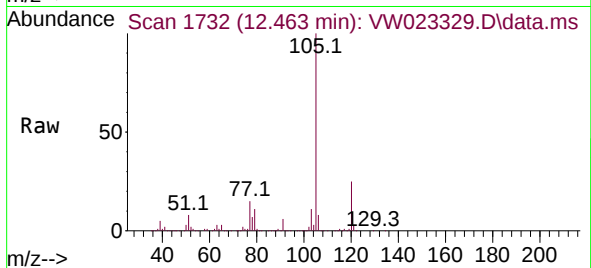
Tgt Ion:105 Resp: 645664

Ion Ratio Lower Upper

105 100

120 26.0 21.3 31.9

77 15.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 25.017 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

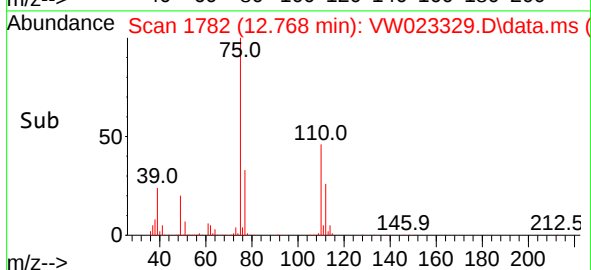
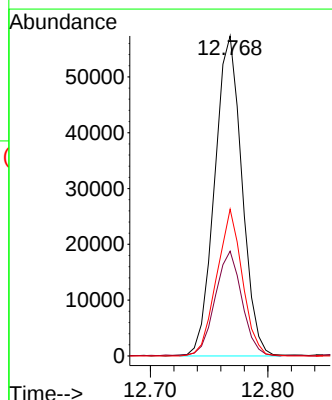
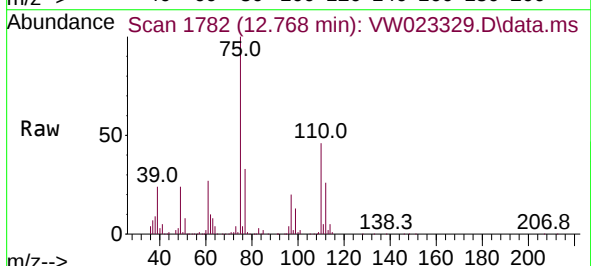
Tgt Ion: 75 Resp: 92566

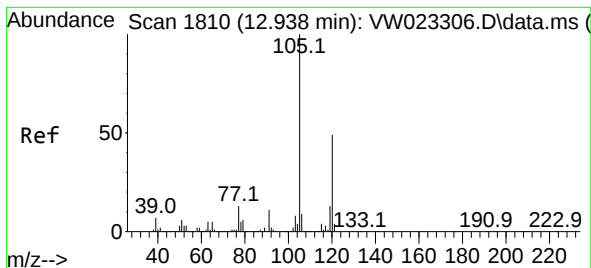
Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

110 43.0 34.1 51.1

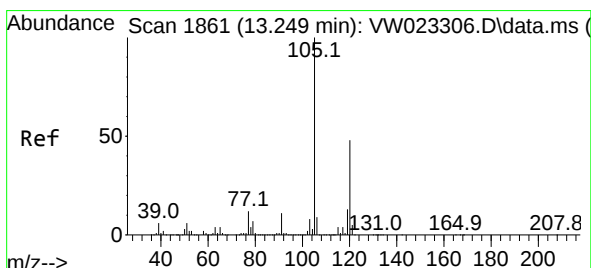
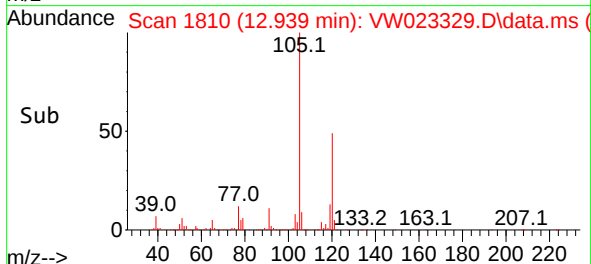
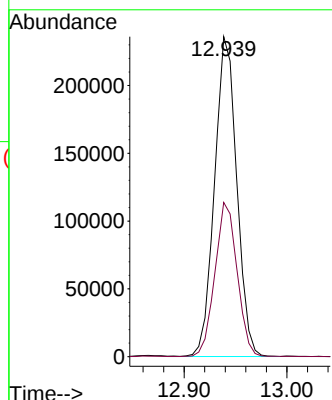
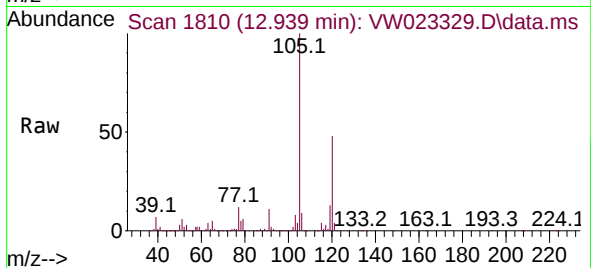




#62
1,3,5-Trimethylbenzene
Concen: 25.050 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

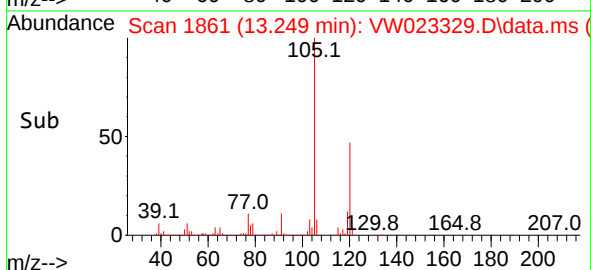
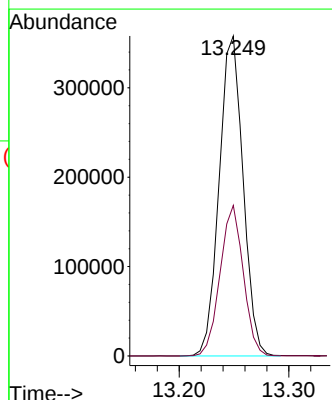
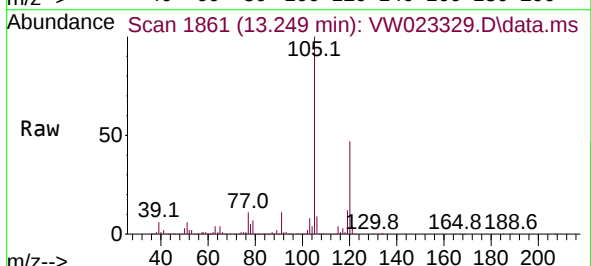
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

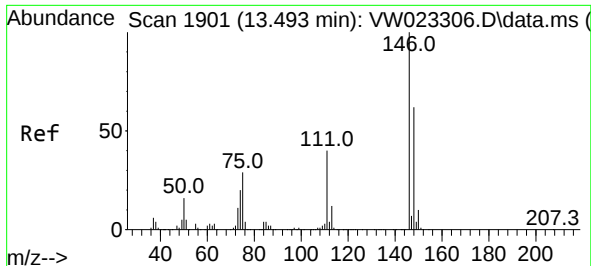
Tgt Ion:105 Resp: 353554
Ion Ratio Lower Upper
105 100
120 48.3 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 25.600 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion:105 Resp: 542512
Ion Ratio Lower Upper
105 100
120 45.7 37.4 56.2

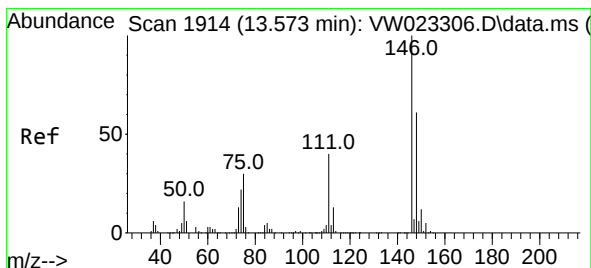
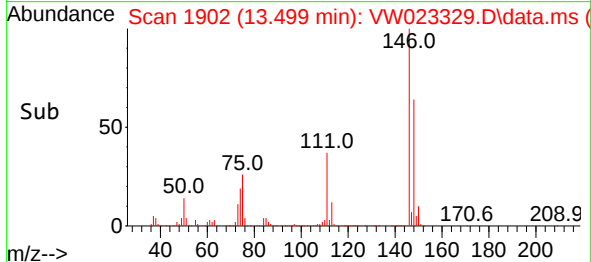
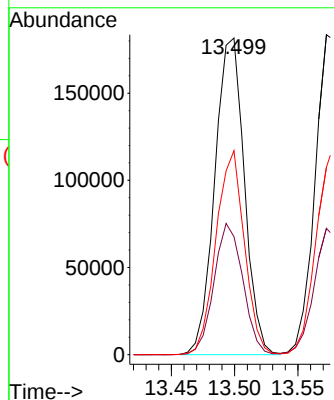
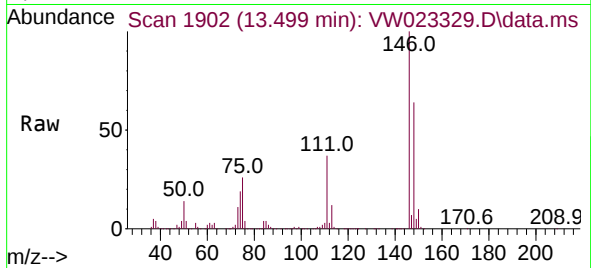




#64
1,3-Dichlorobenzene
Concen: 26.028 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

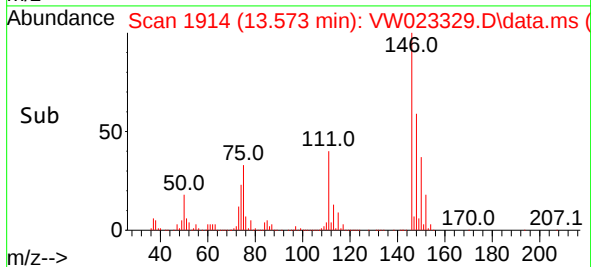
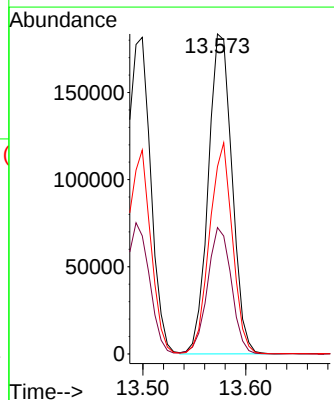
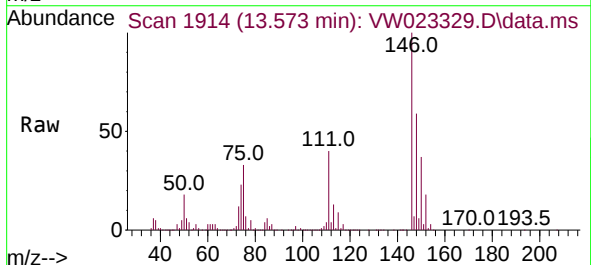
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

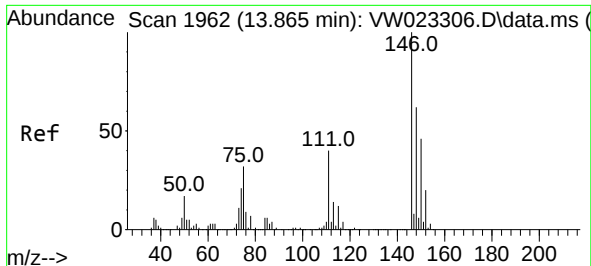
Tgt Ion:146 Resp: 294806
Ion Ratio Lower Upper
146 100
111 37.3 29.5 54.9
148 64.5 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 25.277 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion:146 Resp: 295716
Ion Ratio Lower Upper
146 100
111 39.5 27.2 50.4
148 58.6 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 26.203 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

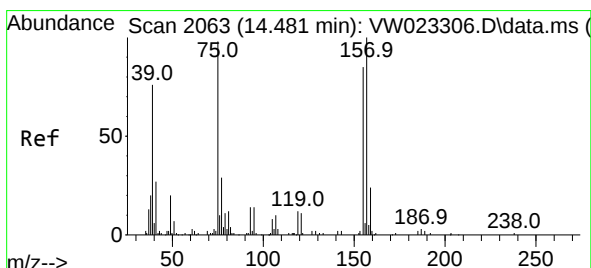
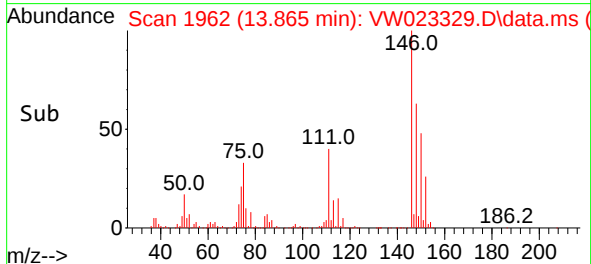
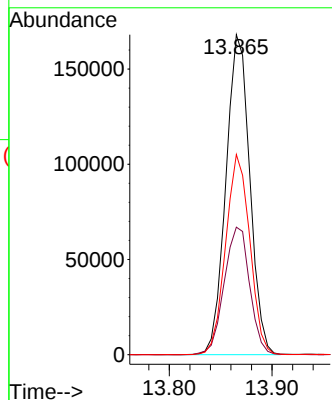
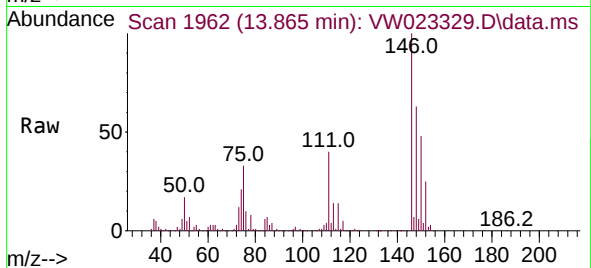
Tgt Ion:146 Resp: 271588

Ion Ratio Lower Upper

146 100

111 39.9 35.7 53.5

148 62.6 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.075 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

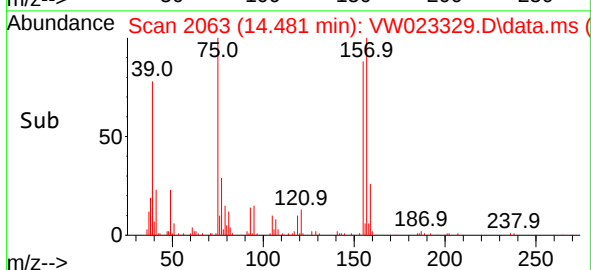
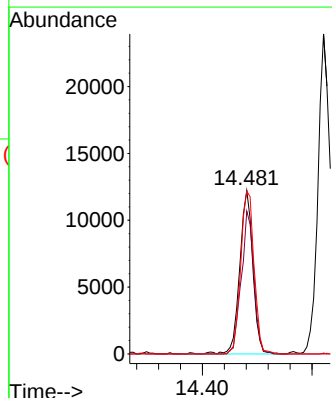
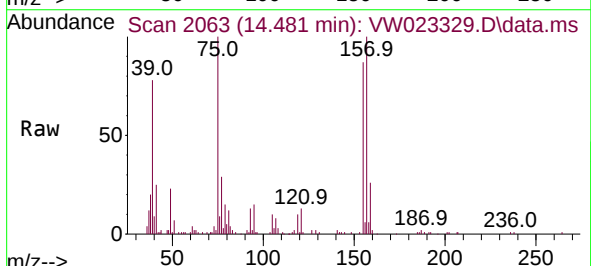
Tgt Ion: 75 Resp: 20277

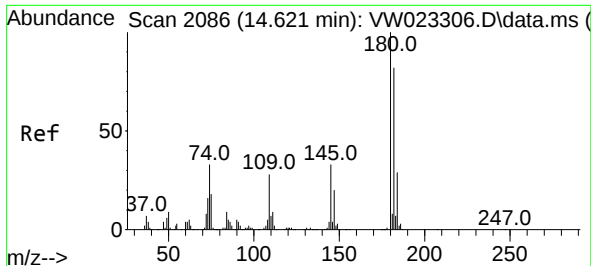
Ion Ratio Lower Upper

75 100

155 87.3 59.3 88.9

157 99.6 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 26.137 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

Tgt Ion:180 Resp: 196509

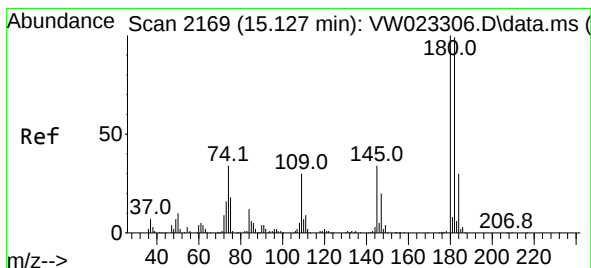
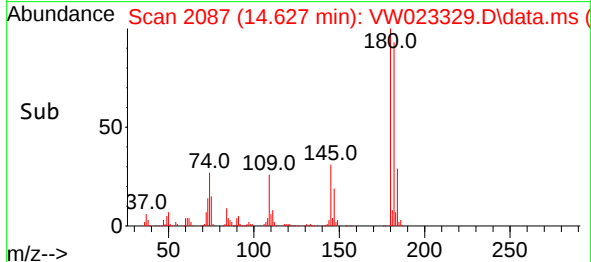
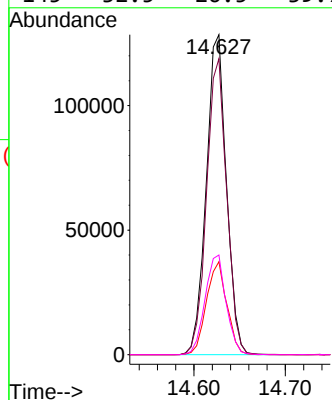
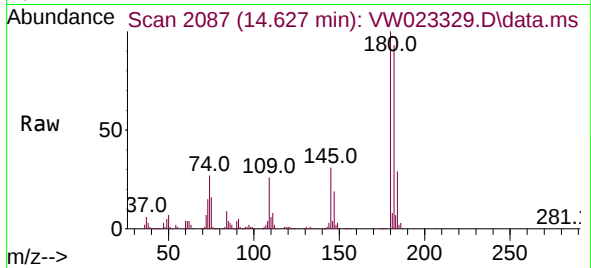
Ion Ratio Lower Upper

180 100

182 92.3 74.8 112.2

184 29.5 23.4 35.2

145 32.5 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 27.454 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023329.D

Acq: 25 May 2022 18:49

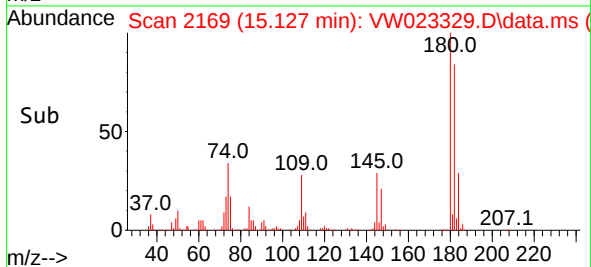
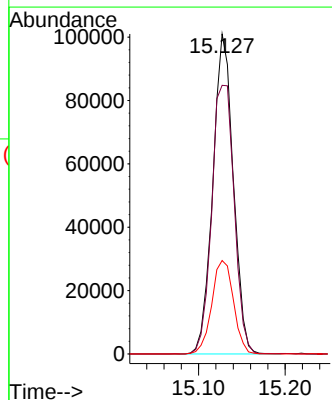
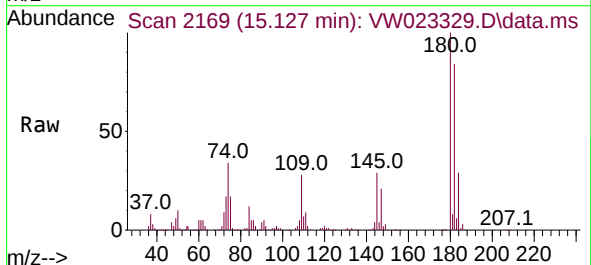
Tgt Ion:180 Resp: 166041

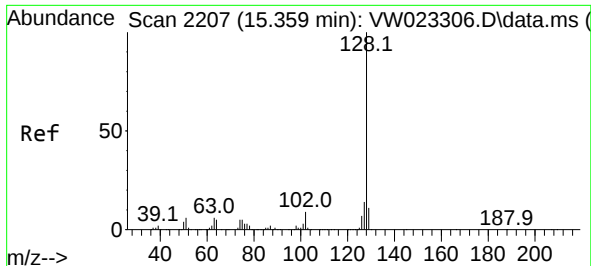
Ion Ratio Lower Upper

180 100

182 92.1 74.9 112.3

145 30.9 26.6 39.8

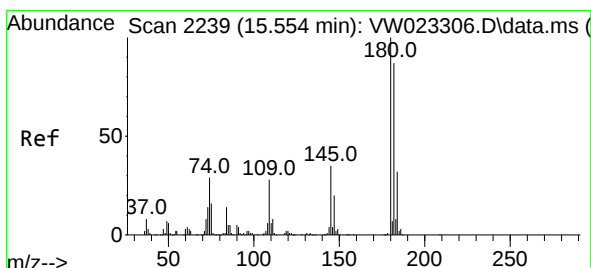
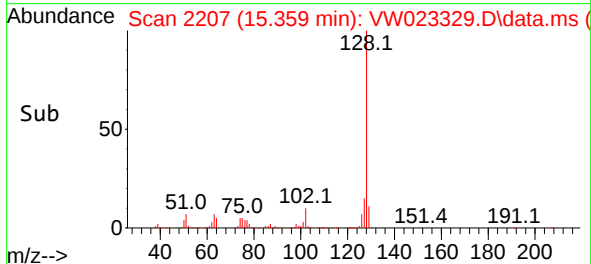
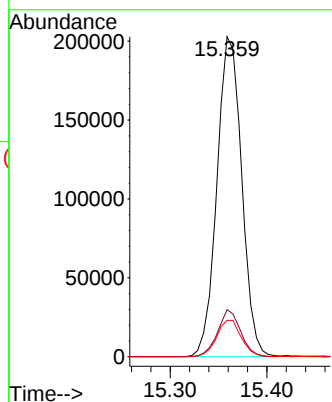
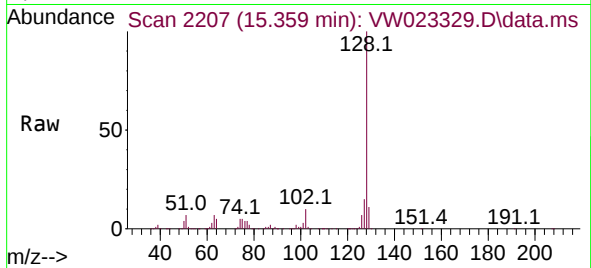




#71
Naphthalene
Concen: 27.428 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

Tgt Ion:128 Resp: 360533
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.4 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 27.575 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW023329.D
Acq: 25 May 2022 18:49

Tgt Ion:180 Resp: 147808
Ion Ratio Lower Upper
180 100
182 94.2 73.5 110.3
145 33.8 27.9 41.9

