

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070122\
 Data File : VW023553.D
 Acq On : 01 Jul 2022 10:04
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025586

Quant Time: Jul 04 01:15:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:57:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	341219	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	327461	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	174663	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	155006	31.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 127.040%	
7) Chloroethane-d5	2.879	69	76449	22.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 90.960%	
11) 1,1-Dichloroethene-d2	4.019	63	167952	27.811	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 111.240%#	
21) 2-Butanone-d5	7.074	46	57271	46.849	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.700%	
24) Chloroform-d	7.647	84	236646	25.406	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.640%	
26) 1,2-Dichloroethane-d4	8.305	65	126777	24.647	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 98.600%	
32) Benzene-d6	8.275	84	451815	25.519	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 102.080%	
36) 1,2-Dichloropropane-d6	9.268	67	128962	24.637	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.560%	
41) Toluene-d8	10.323	98	443674	25.766	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 103.080%	
43) trans-1,3-Dichloroprop...	10.573	79	57727	24.894	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.560%	
47) 2-Hexanone-d5	10.920	63	48041	48.383	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 96.760%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	122310	24.336	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 97.360%	
66) 1,2-Dichlorobenzene-d4	13.853	152	160371	25.175	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.720%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	35817	27.165	ug/L	97
3) Chloromethane	2.215	50	118676	29.077	ug/L	99
5) Vinyl chloride	2.361	62	186586	33.944	ug/L	96
6) Bromomethane	2.769	94	70095	19.334	ug/L	94
8) Chloroethane	2.916	64	58884	23.832	ug/L	99
9) Trichlorofluoromethane	3.245	101	74051	29.080	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	114136	27.689	ug/L	99
12) 1,1-Dichloroethene	4.038	96	98683	28.779	ug/L	92
13) Acetone	4.123	43	42192	50.112	ug/L	82
14) Carbon disulfide	4.379	76	296109	32.015	ug/L	98
15) Methyl Acetate	4.665	43	47155	24.446	ug/L	98
16) Methylene chloride	4.909	84	105743	21.725	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	116038	26.814	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	158157	24.921	ug/L	99
19) 1,1-Dichloroethane	6.214	63	199784	26.177	ug/L	99
22) 2-Butanone	7.171	43	66766	48.503	ug/L	99
23) Bromochloromethane	7.513	128	60014	25.711	ug/L #	94
25) Chloroform	7.677	83	224348	26.333	ug/L	100
27) 1,2-Dichloroethane	8.397	62	149991	26.629	ug/L	98

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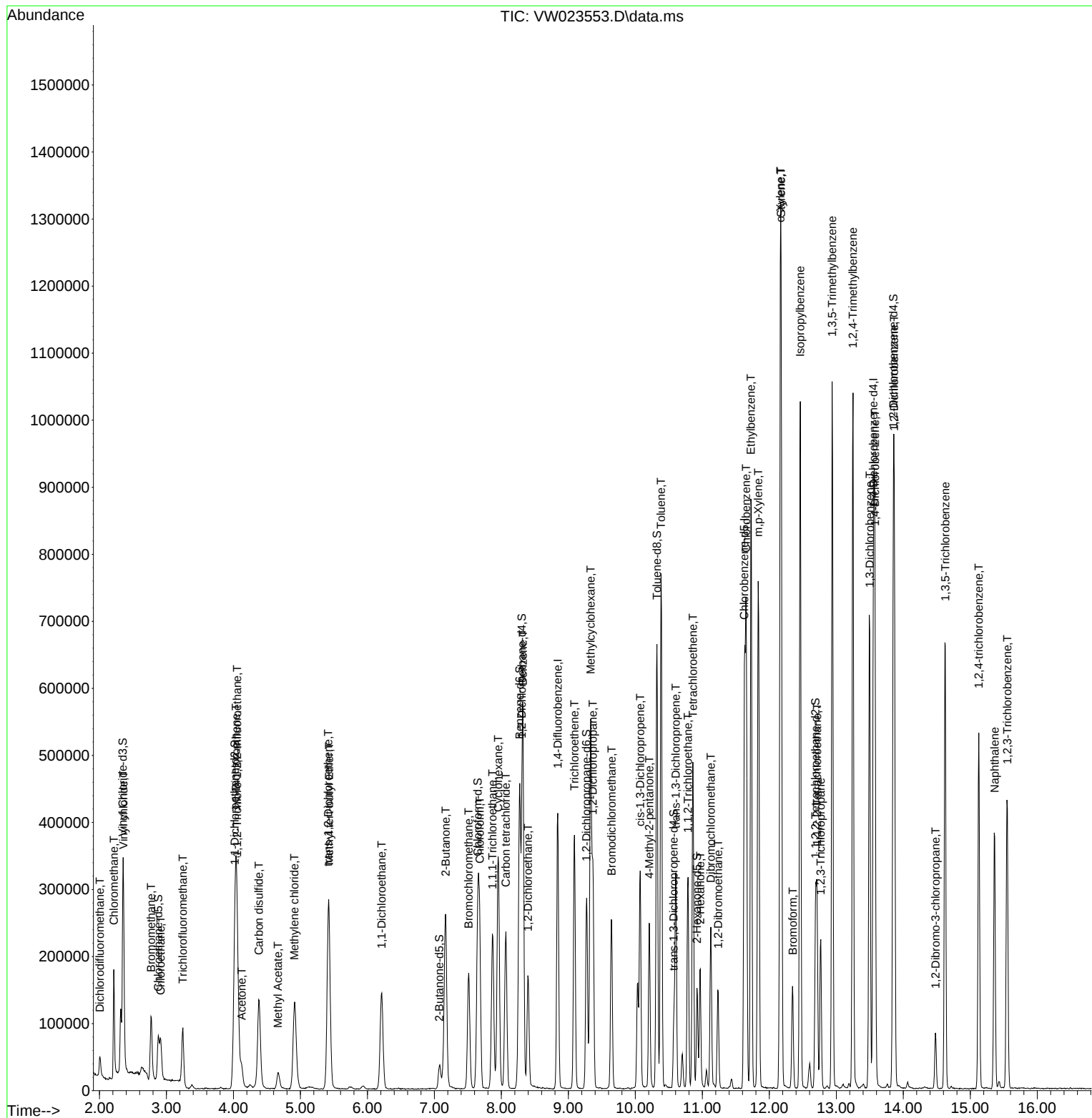
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	175948	28.417	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	183017	25.769	ug/L	99
31) Carbon tetrachloride	8.067	117	170117	26.496	ug/L	99
33) Benzene	8.323	78	479803	26.044	ug/L	100
34) Trichloroethene	9.091	95	124830	25.290	ug/L	96
35) Methylcyclohexane	9.335	83	218384	28.118	ug/L	100
37) 1,2-Dichloropropane	9.366	63	116036	26.040	ug/L	100
38) Bromodichloromethane	9.646	83	162318	25.442	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	181876	26.358	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	145710	49.892	ug/L	99
42) Toluene	10.384	91	552332	27.106	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	166206	26.061	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	98456	25.985	ug/L	97
46) Tetrachloroethene	10.859	164	99115	24.968	ug/L	96
48) 2-Hexanone	10.969	43	108226	53.952	ug/L	100
49) Dibromochloromethane	11.128	129	118649	25.627	ug/L	94
50) 1,2-Dibromoethane	11.237	107	94836	25.119	ug/L	93
51) Chlorobenzene	11.652	112	359183	25.760	ug/L	97
52) Ethylbenzene	11.725	91	615007	27.059	ug/L	99
53) m,p-Xylene	11.835	106	242494	27.137	ug/L	96
54) o-Xylene	12.164	106	233322	27.644	ug/L	99
55) Styrene	12.176	104	410607	27.836	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	123669	25.379	ug/L	100
59) Bromoform	12.353	173	63002	24.311	ug/L	95
60) Isopropylbenzene	12.463	105	637904	27.685	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	87258	24.801	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	532767	27.830	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	541044	28.163	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	292103	26.377	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	287691	25.616	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	261915	26.099	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19620	24.385	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	193309	26.144	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	145502	24.385	ug/L	94
71) Naphthalene	15.365	128	314674	25.418	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	137221	25.197	ug/L	98

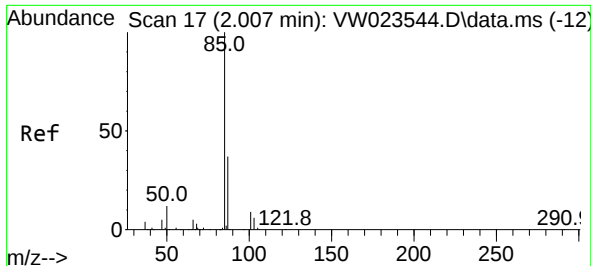
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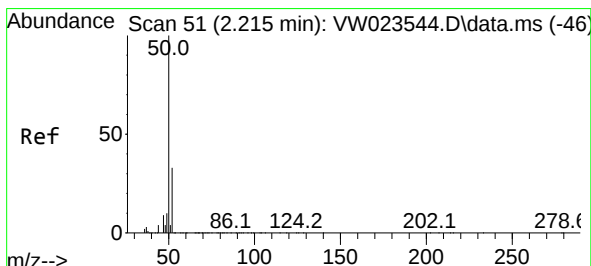
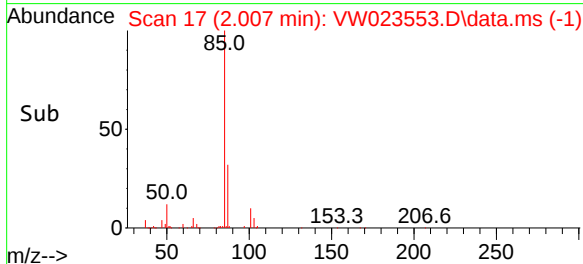
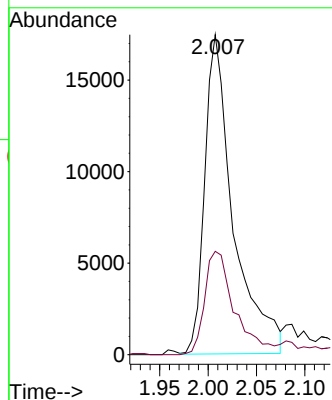
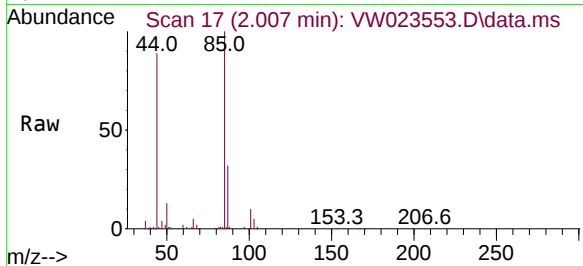




#2
Dichlorodifluoromethane
Concen: 27.165 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

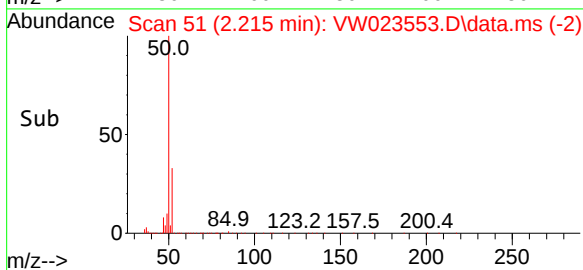
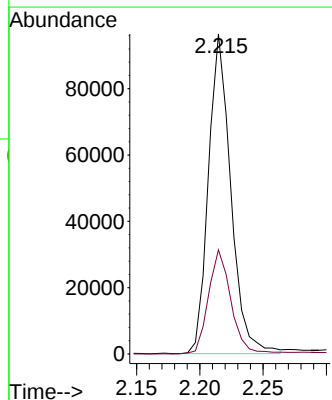
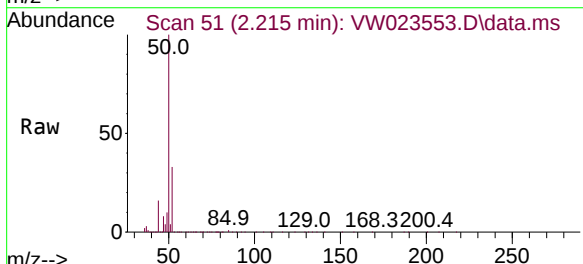
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MSVOA_W
ClientSampleId :
VSTD025586

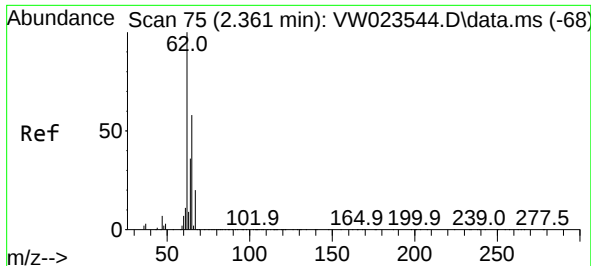
Tgt Ion: 85 Resp: 35817
Ion Ratio Lower Upper
85 100
87 34.0 26.0 39.0



#3
Chloromethane
Concen: 29.077 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion: 50 Resp: 118676
Ion Ratio Lower Upper
50 100
52 32.6 22.5 41.9

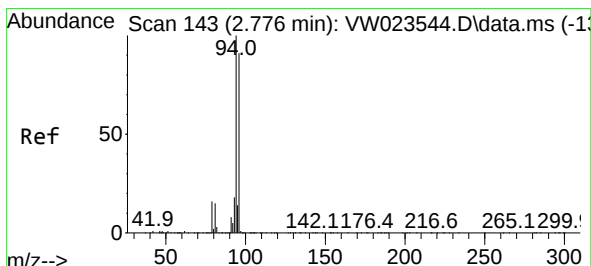
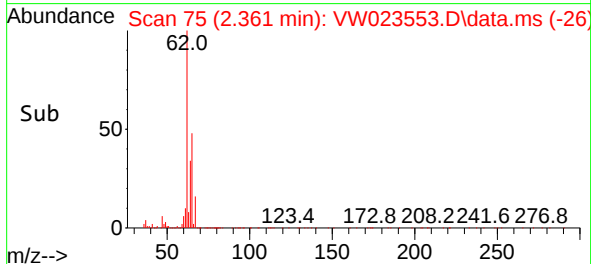
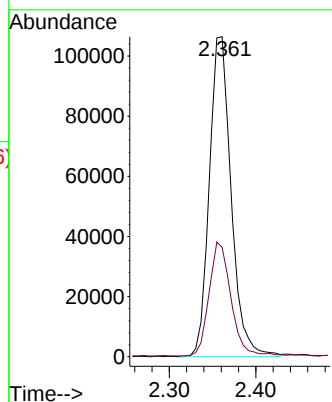
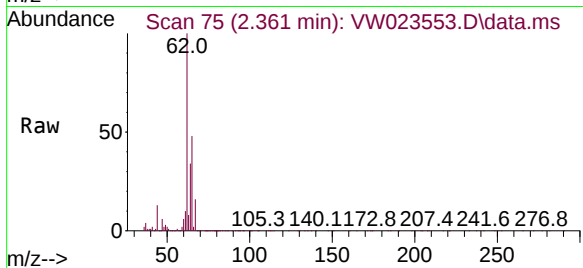




#5
 Vinyl chloride
 Concen: 33.944 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW023553.D
 Acq: 01 Jul 2022 10:04

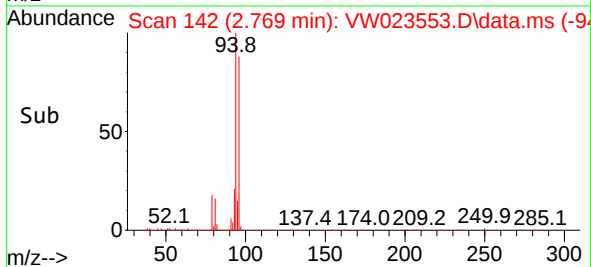
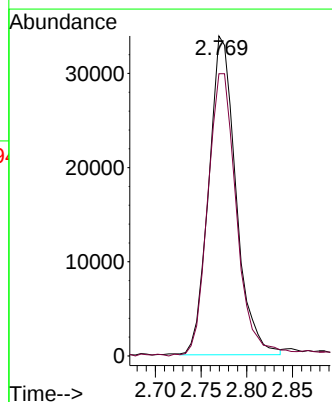
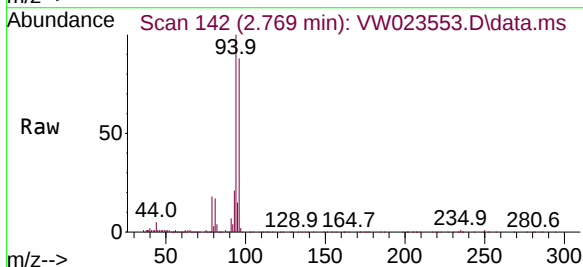
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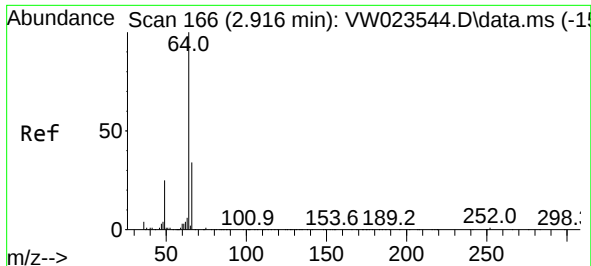
Tgt Ion: 62 Resp: 186586
 Ion Ratio Lower Upper
 62 100
 64 34.1 25.8 47.8



#6
 Bromomethane
 Concen: 19.334 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023553.D
 Acq: 01 Jul 2022 10:04

Tgt Ion: 94 Resp: 70095
 Ion Ratio Lower Upper
 94 100
 96 88.2 65.6 121.8

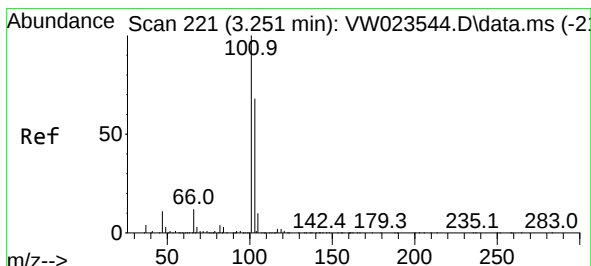
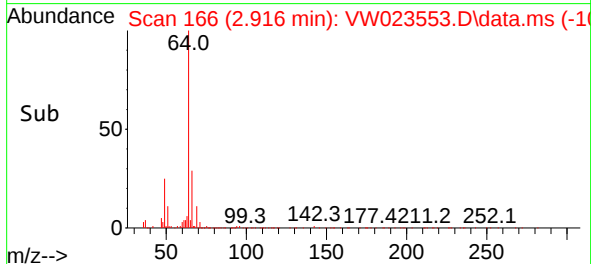
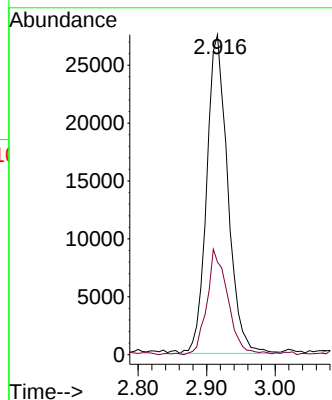
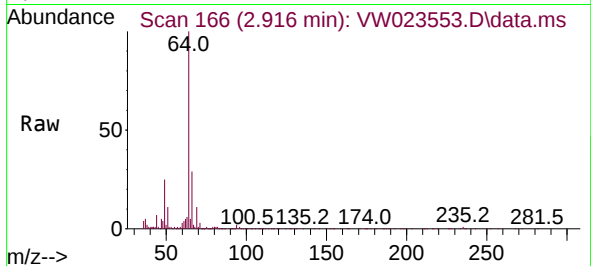




#8
Chloroethane
Concen: 23.832 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

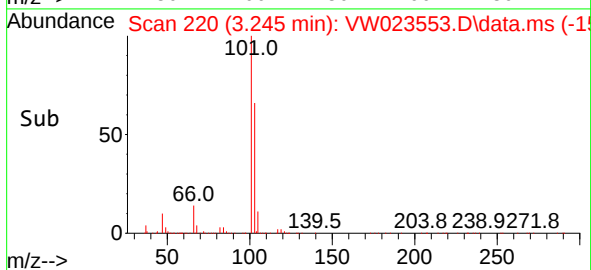
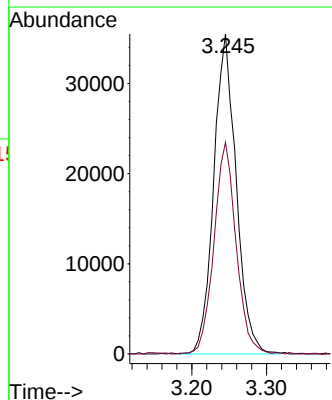
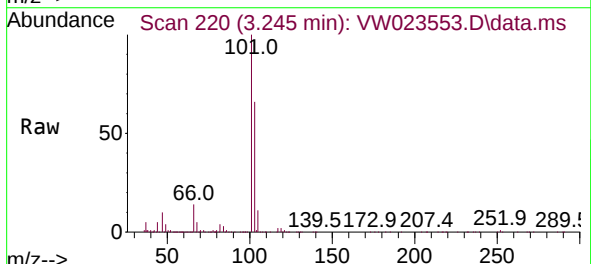
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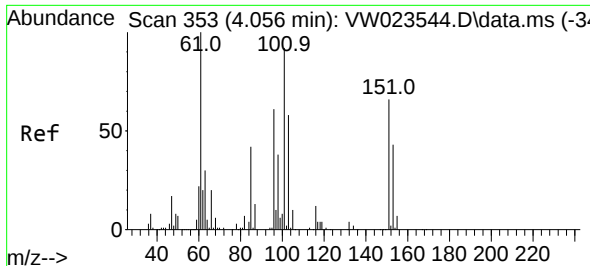
Tgt Ion: 64 Resp: 58884
Ion Ratio Lower Upper
64 100
66 29.0 20.6 38.2



#9
Trichlorofluoromethane
Concen: 29.080 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion: 101 Resp: 74051
Ion Ratio Lower Upper
101 100
103 65.1 53.2 79.8

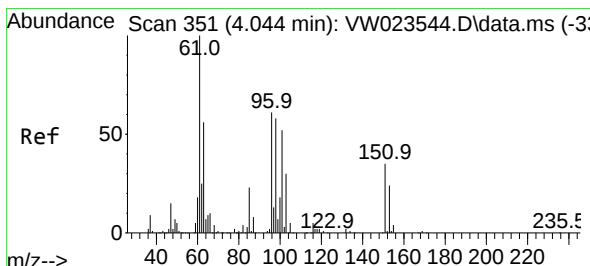
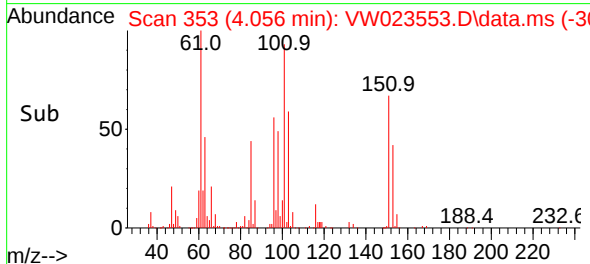
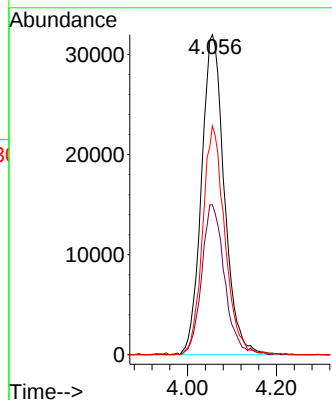
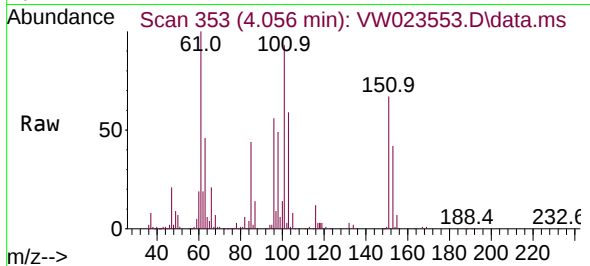




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.689 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023553.D
 Acq: 01 Jul 2022 10:04

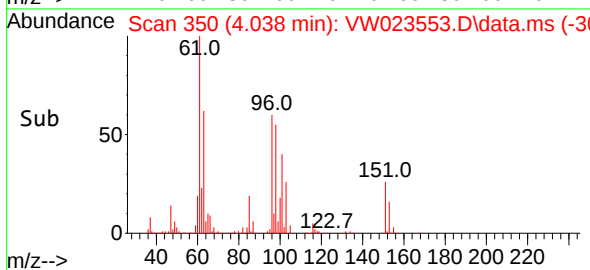
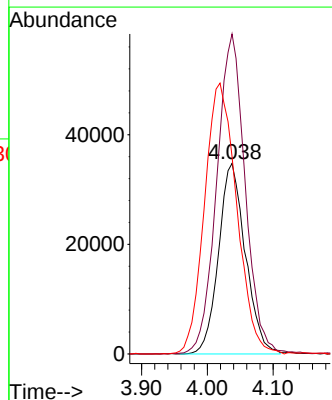
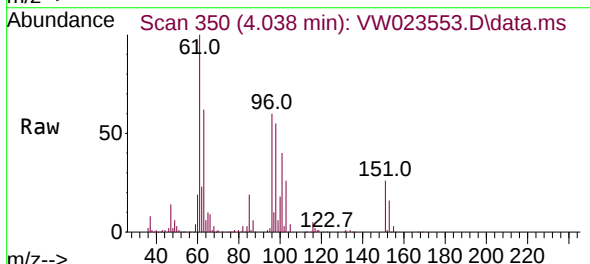
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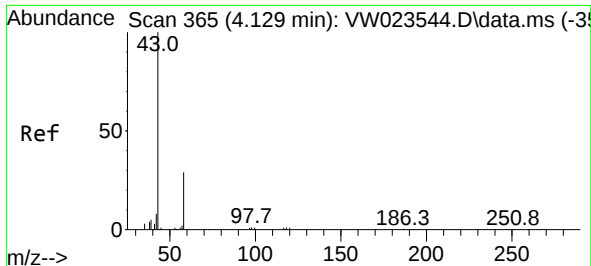
Tgt Ion:101 Resp: 114136
 Ion Ratio Lower Upper
 101 100
 85 46.3 37.0 55.4
 151 69.3 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 28.779 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023553.D
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Tgt Ion: 96 Resp: 98683
 Ion Ratio Lower Upper
 96 100
 61 168.0 122.0 226.6
 63 103.6 83.0 154.2

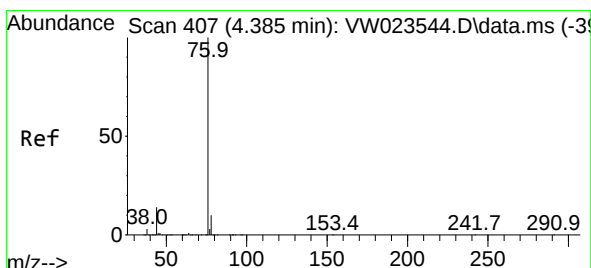
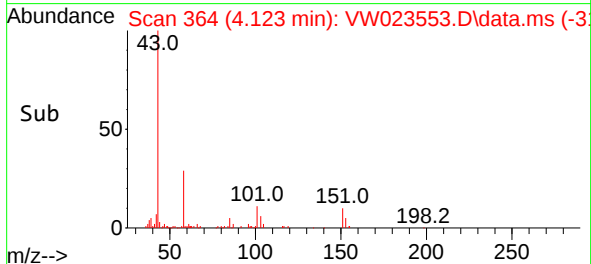
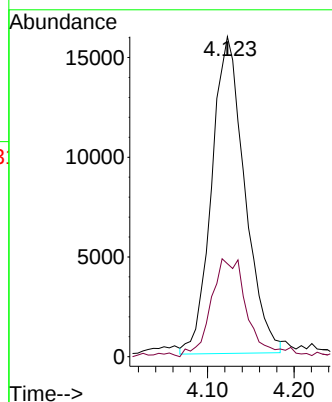
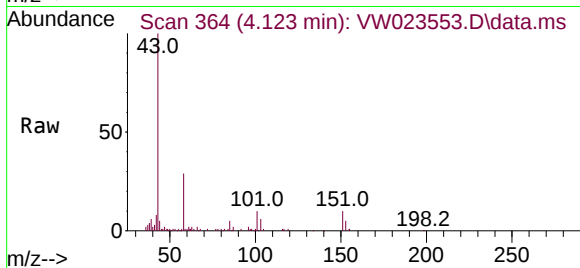




#13
Acetone
Concen: 50.112 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW023553.D
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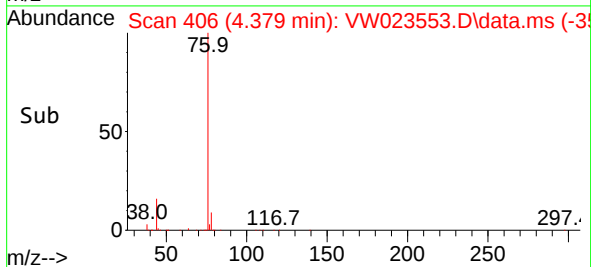
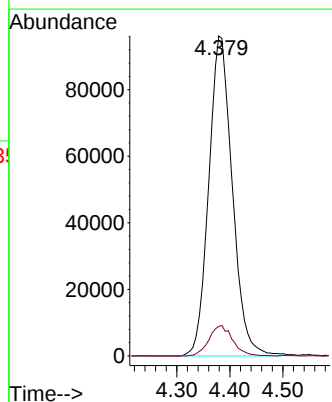
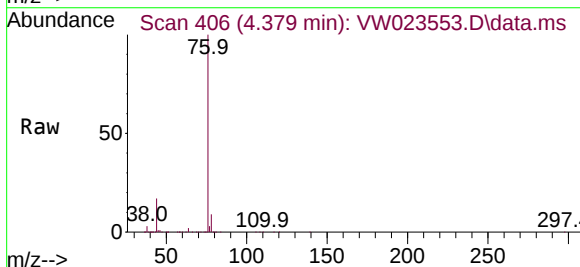
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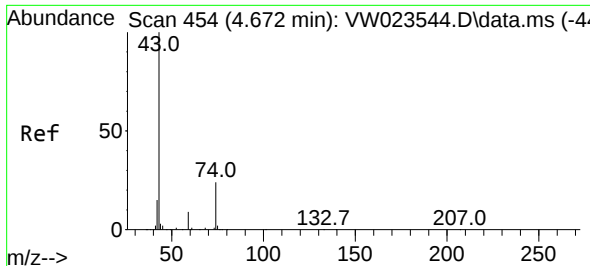
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Ion Ratio Lower Upper
43 100
58 21.0 0.0 61.2



#14
Carbon disulfide
Concen: 32.015 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 296109
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

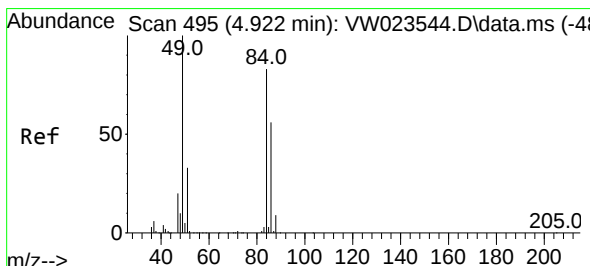
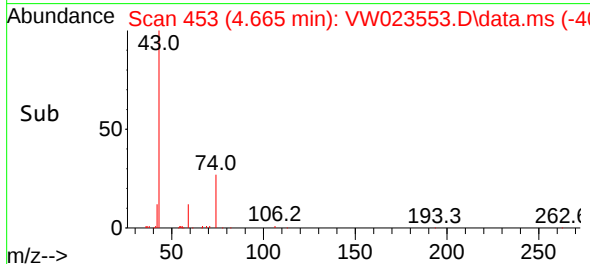
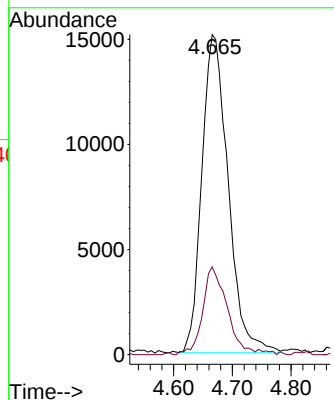
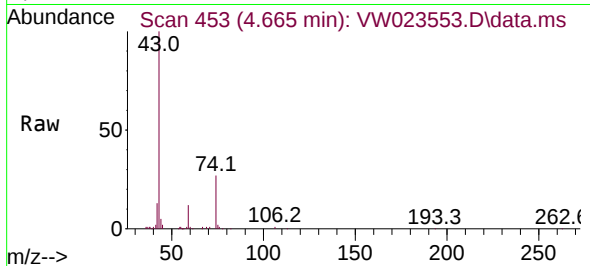




#15
Methyl Acetate
Concen: 24.446 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.007 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

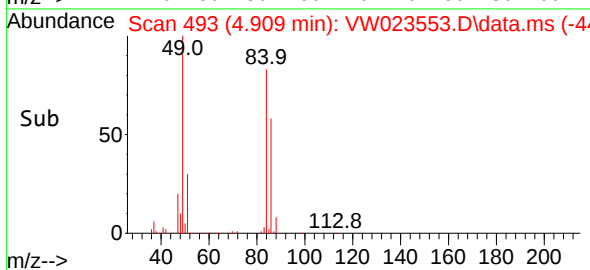
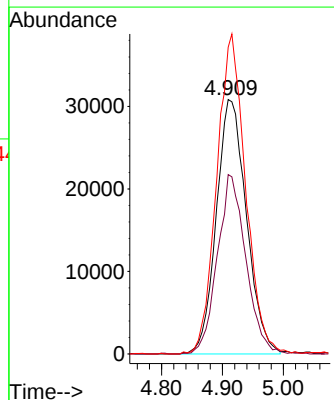
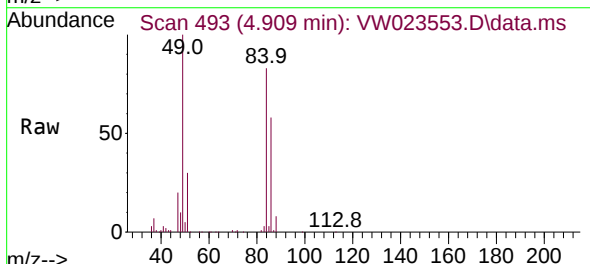
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

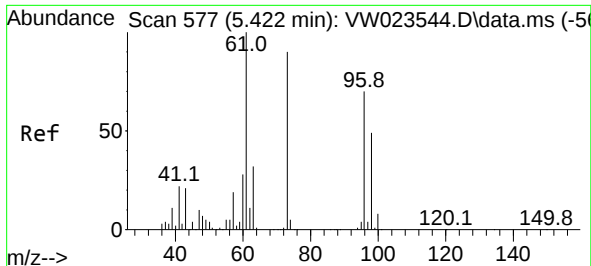
Tgt Ion: 43 Resp: 47155
Ion Ratio Lower Upper
43 100
74 24.7 20.4 30.6



#16
Methylene chloride
Concen: 21.725 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.013 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion: 84 Resp: 105743
Ion Ratio Lower Upper
84 100
86 70.5 44.9 83.3
49 120.6 87.6 162.6

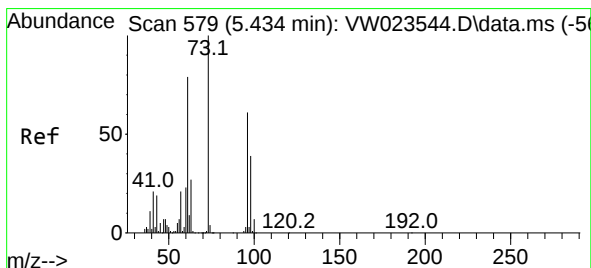
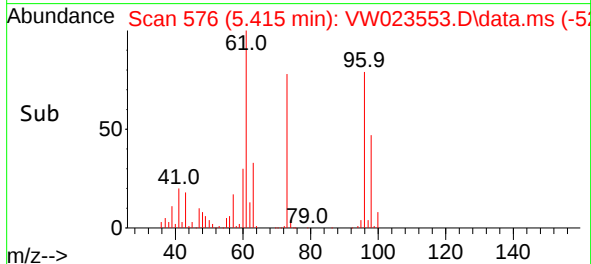
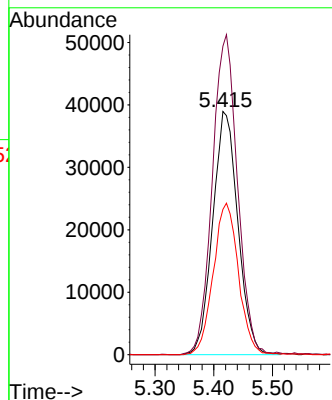
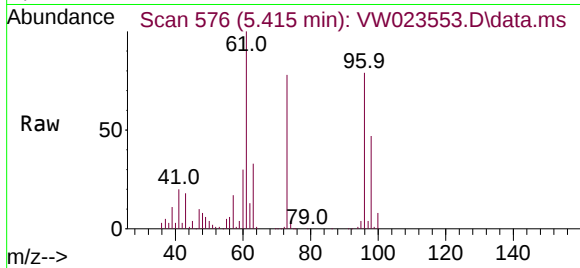




#17
trans-1,2-Dichloroethene
Concen: 26.814 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

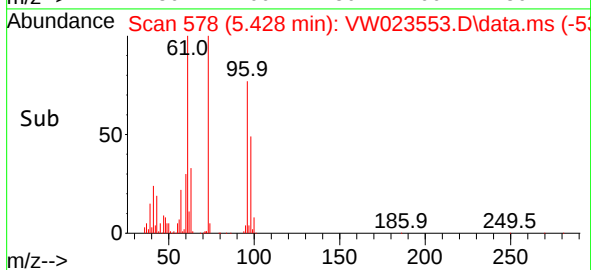
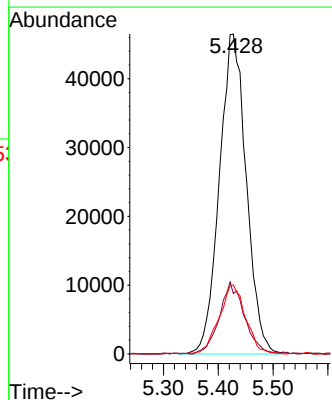
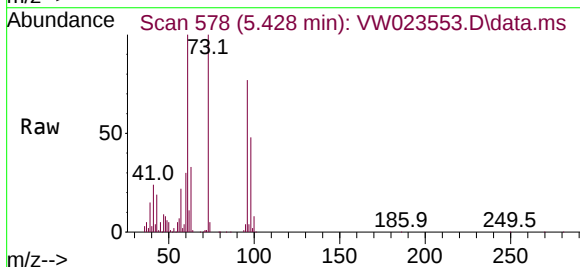
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

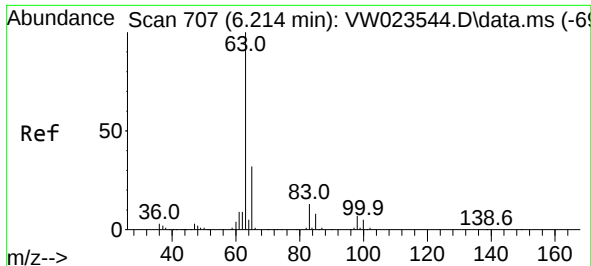
Tgt Ion: 96 Resp: 116038
Ion Ratio Lower Upper
96 100
61 126.8 92.3 171.5
98 59.8 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 24.921 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion: 73 Resp: 158157
Ion Ratio Lower Upper
73 100
43 20.9 16.2 24.2
57 21.4 16.9 25.3





#19

1,1-Dichloroethane

Concen: 26.177 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

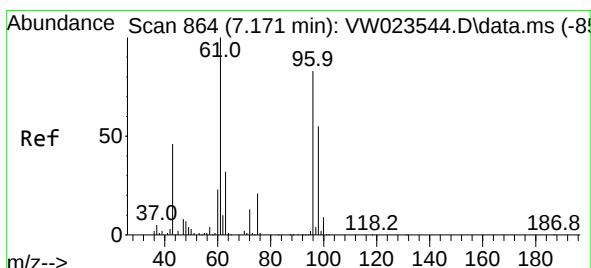
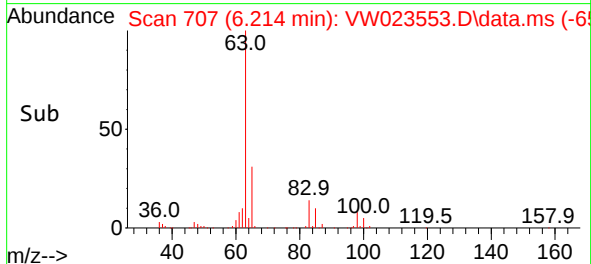
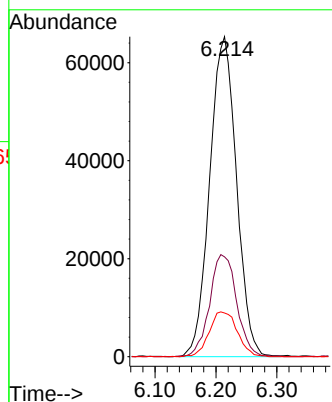
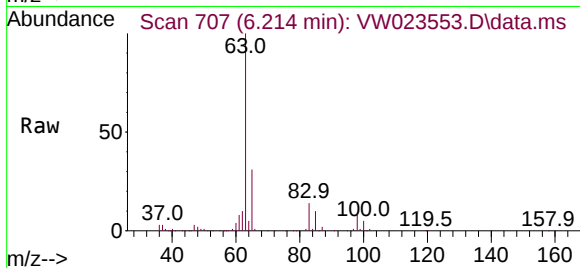
Tgt Ion: 63 Resp: 199784

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.3

83 13.7 9.8 18.2



#22

2-Butanone

Concen: 48.503 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023553.D

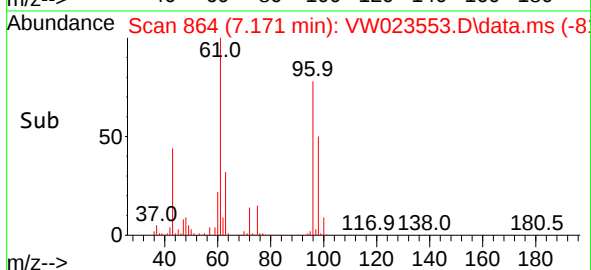
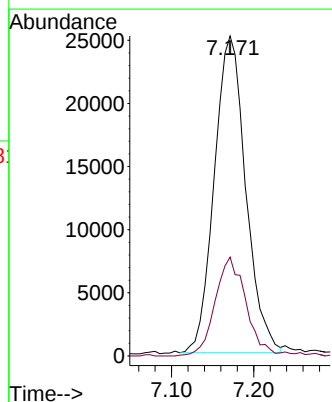
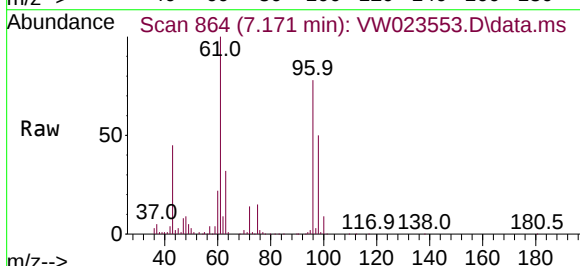
Acq: 01 Jul 2022 10:04

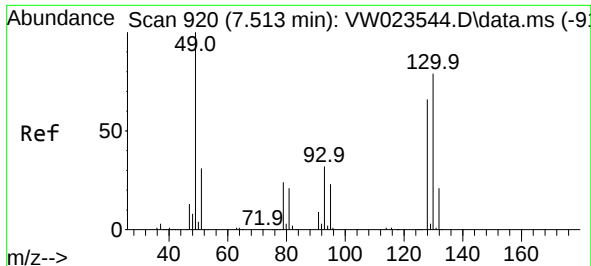
Tgt Ion: 43 Resp: 66766

Ion Ratio Lower Upper

43 100

72 30.2 15.4 46.1

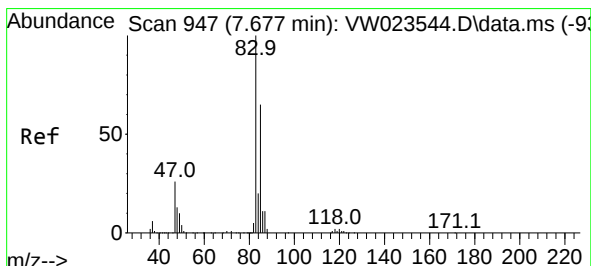
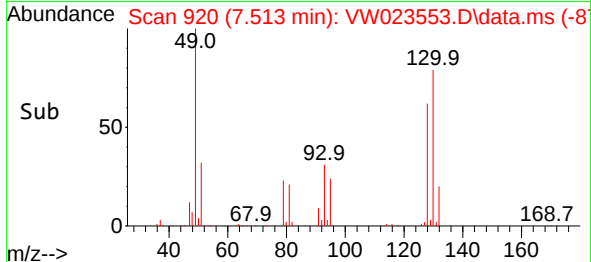
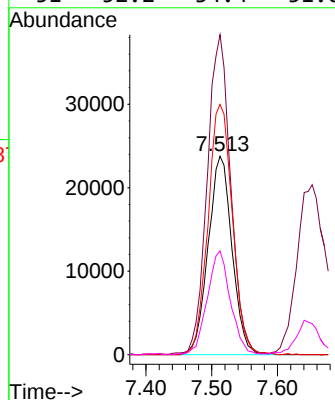
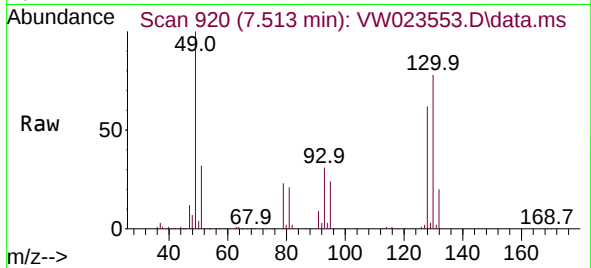




#23
Bromochloromethane
Concen: 25.711 ug/L
RT: 7.513 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

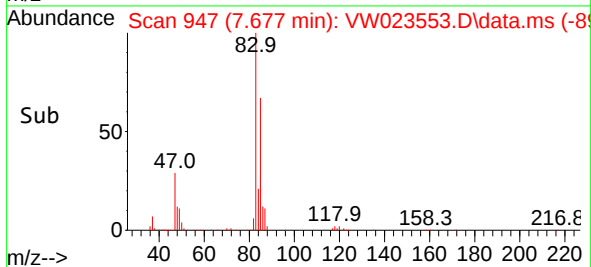
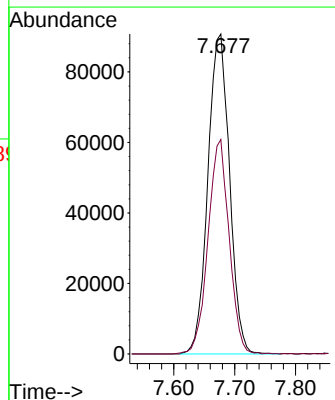
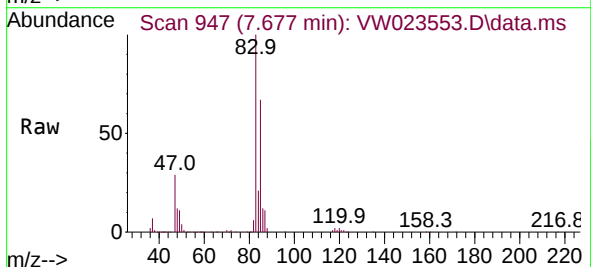
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

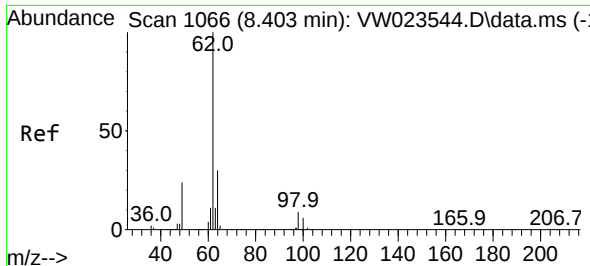
Tgt Ion:128 Resp: 60014
Ion Ratio Lower Upper
128 100
49 161.2 105.8 196.6
130 126.1 87.6 162.8
51 52.2 34.4 51.6#



#25
Chloroform
Concen: 26.333 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion: 83 Resp: 224348
Ion Ratio Lower Upper
83 100
85 67.0 47.0 87.4





#27

1,2-Dichloroethane

Concen: 26.629 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

Instrument :

MSVOA_W

ClientSampleId :

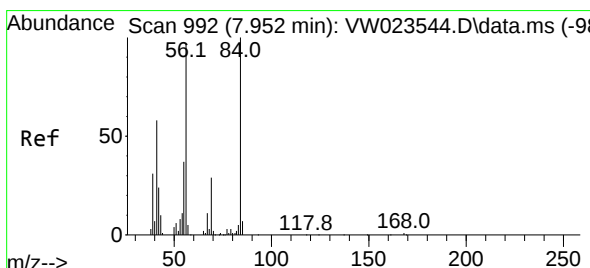
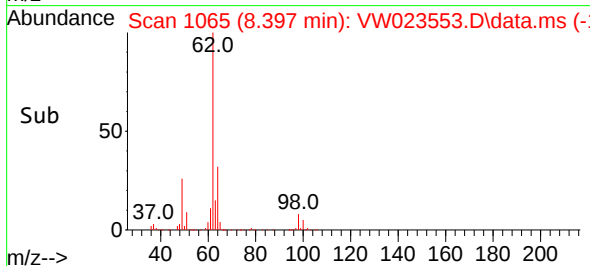
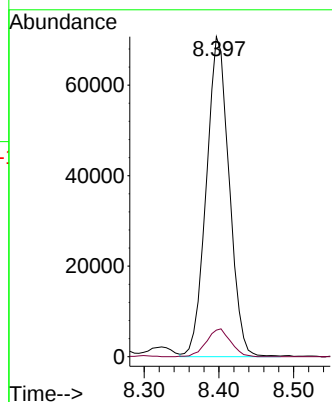
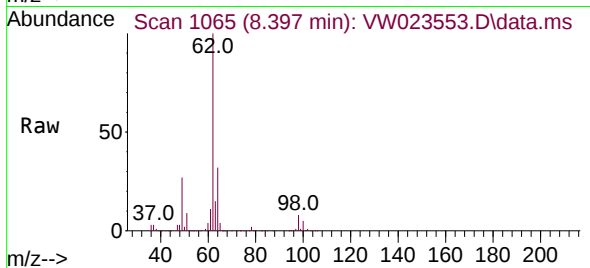
VSTD025586

Tgt Ion: 62 Resp: 149991

Ion Ratio Lower Upper

62 100

98 8.3 7.4 11.0



#29

Cyclohexane

Concen: 28.417 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

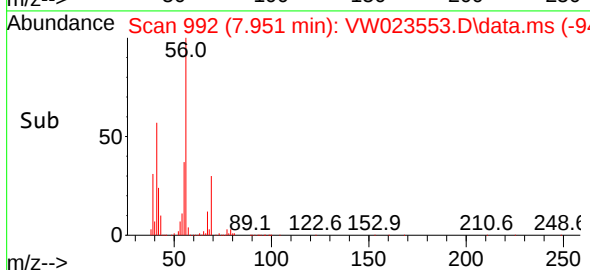
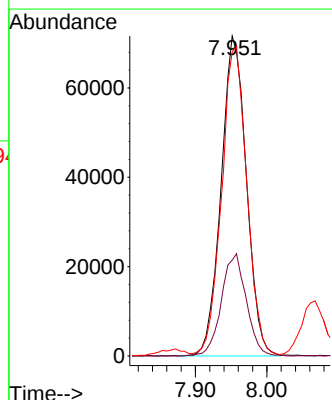
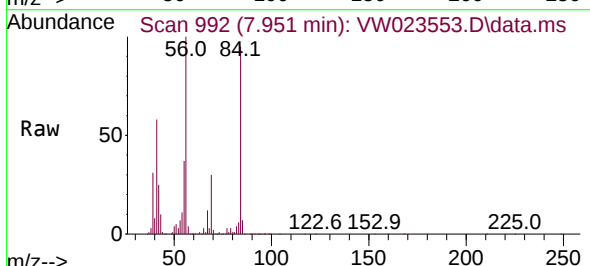
Tgt Ion: 56 Resp: 175948

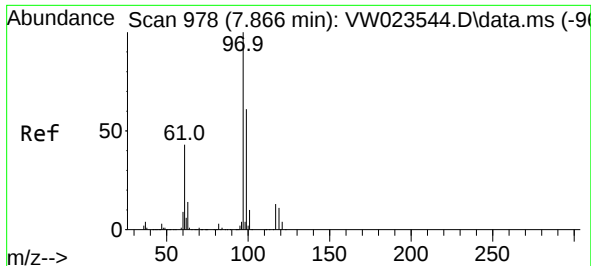
Ion Ratio Lower Upper

56 100

69 31.4 25.6 38.4

84 96.8 77.0 115.6





#30

1,1,1-Trichloroethane

Concen: 25.769 ug/L

RT: 7.866 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

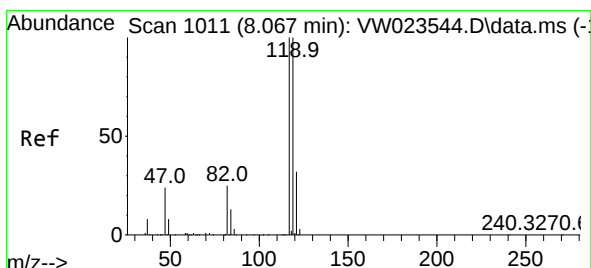
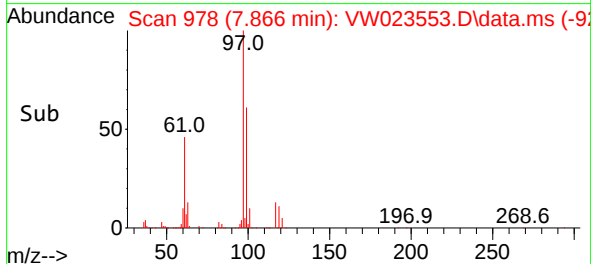
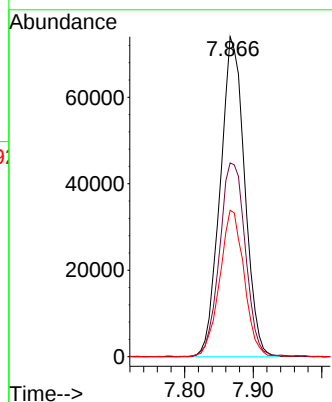
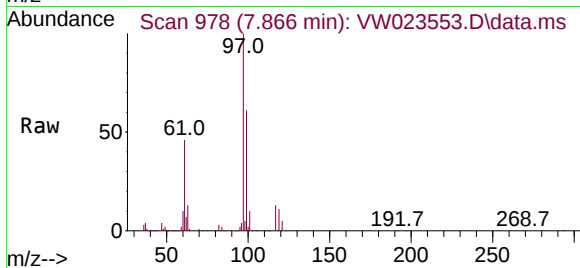
Tgt Ion: 97 Resp: 183017

Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

61 45.7 35.8 53.8



#31

Carbon tetrachloride

Concen: 26.496 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW023553.D

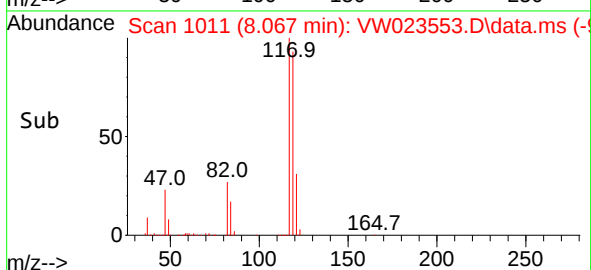
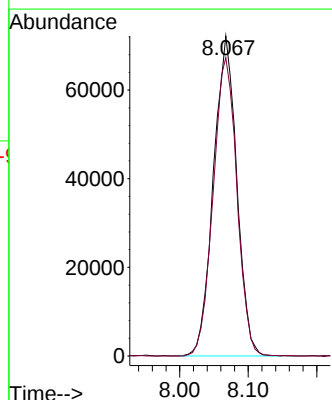
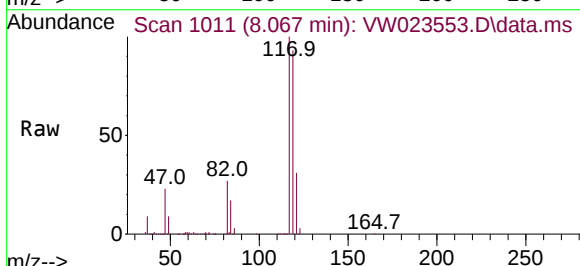
Acq: 01 Jul 2022 10:04

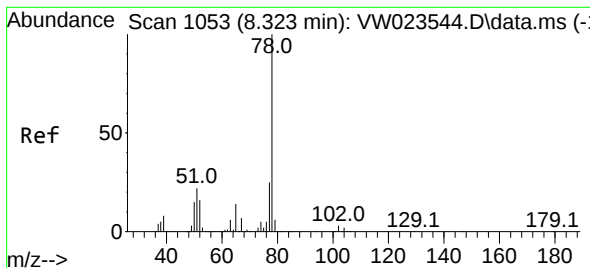
Tgt Ion: 117 Resp: 170117

Ion Ratio Lower Upper

117 100

119 95.1 76.7 115.1





#33

Benzene

Concen: 26.044 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

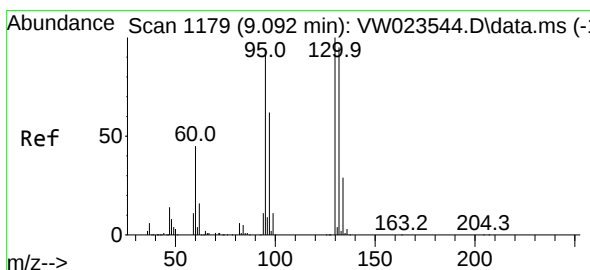
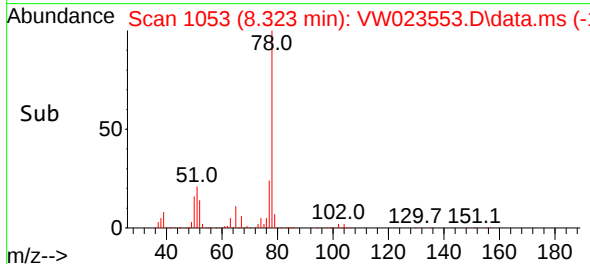
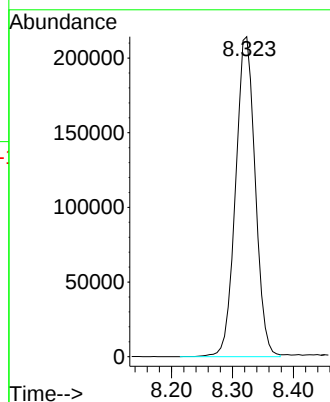
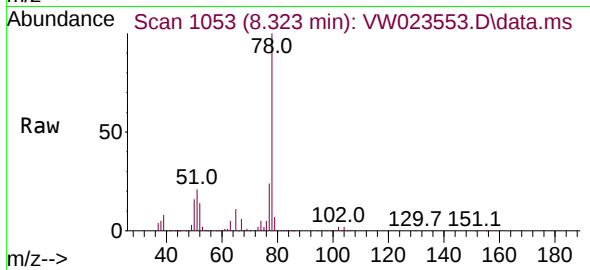
Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

Tgt Ion: 78 Resp: 479803



#34

Trichloroethene

Concen: 25.290 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

Tgt Ion: 95 Resp: 124830

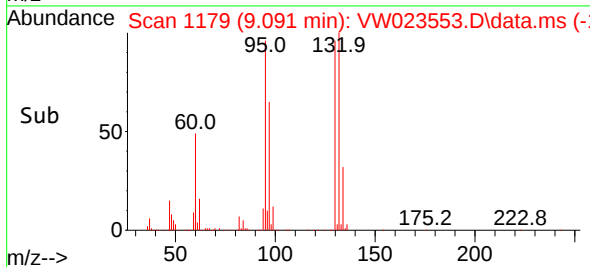
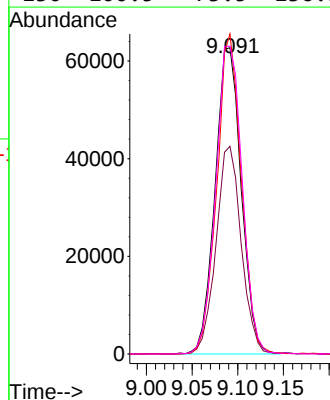
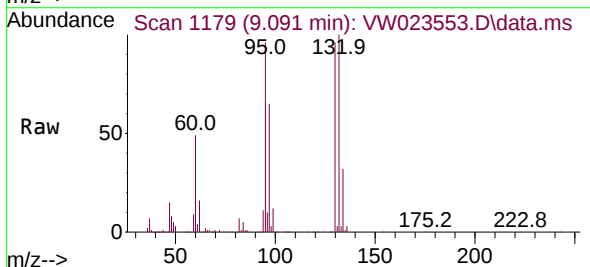
Ion Ratio Lower Upper

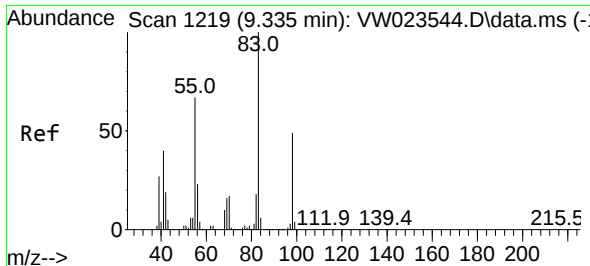
95 100

97 67.8 47.5 88.1

132 104.5 68.9 127.9

130 100.5 73.5 136.5

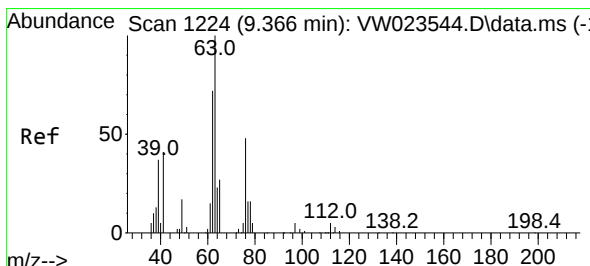
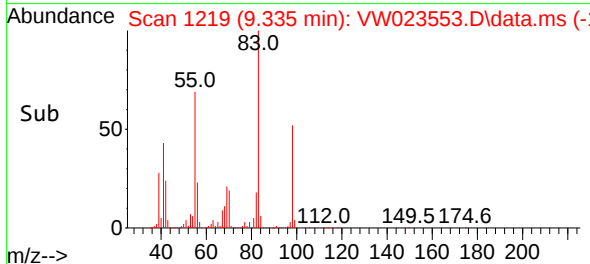
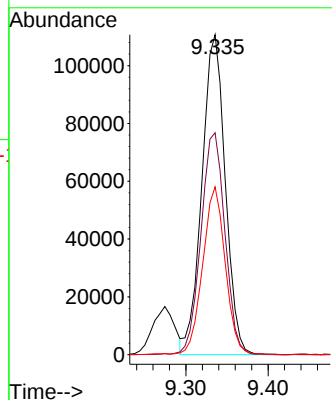
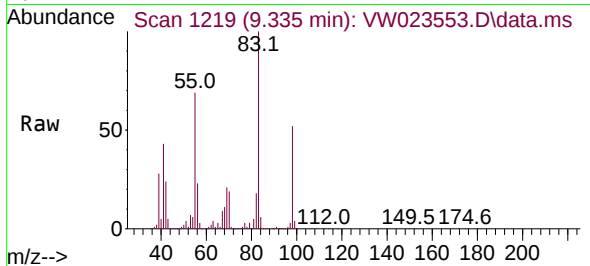




#35
Methylcyclohexane
Concen: 28.118 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

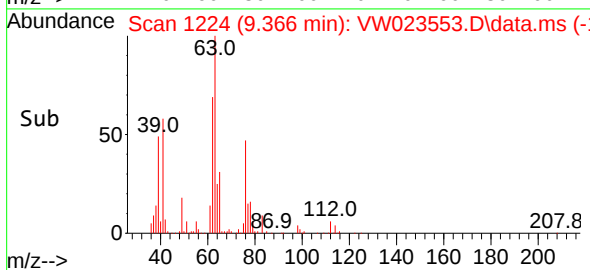
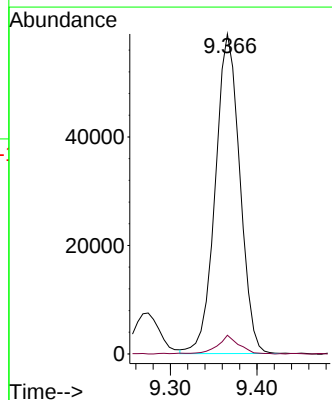
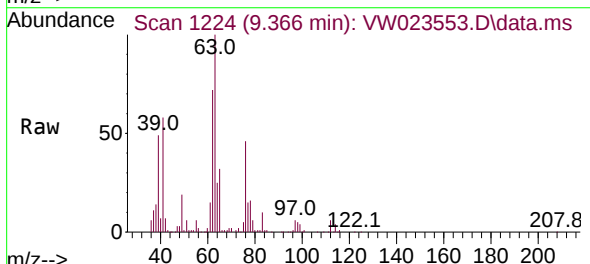
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

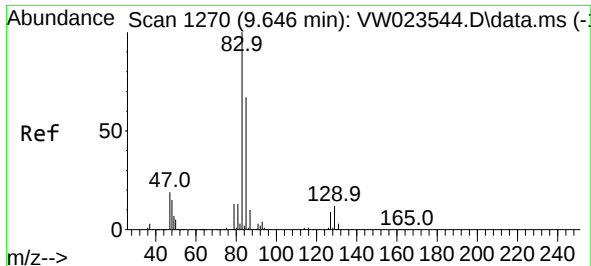
Tgt Ion: 83 Resp: 218384
Ion Ratio Lower Upper
83 100
55 71.1 57.0 85.6
98 50.7 40.2 60.4



#37
1,2-Dichloropropane
Concen: 26.040 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion: 63 Resp: 116036
Ion Ratio Lower Upper
63 100
112 5.1 4.1 6.1

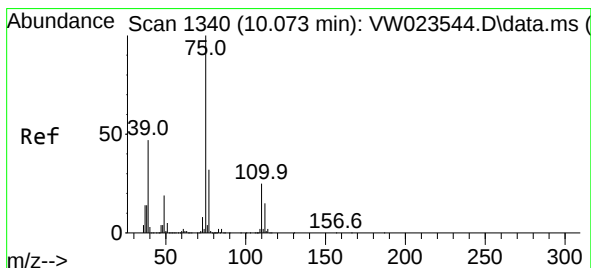
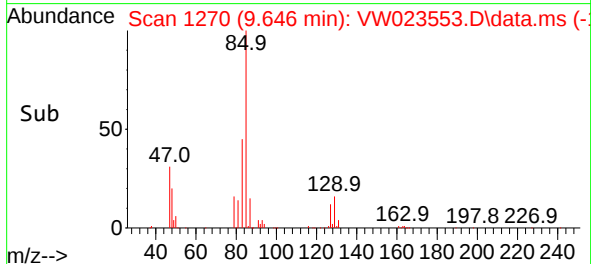
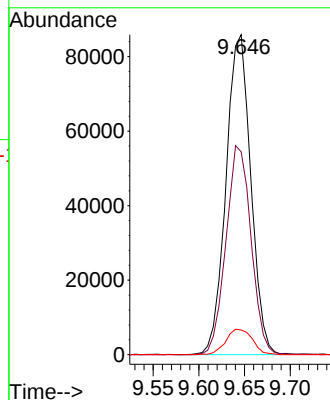
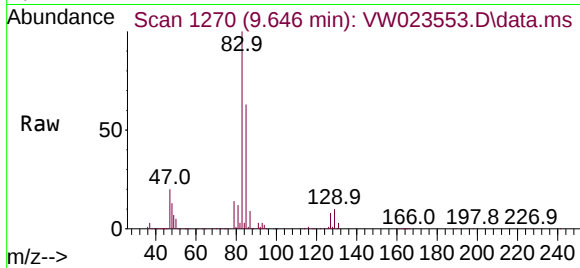




#38
Bromodichloromethane
Concen: 25.442 ug/L
RT: 9.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

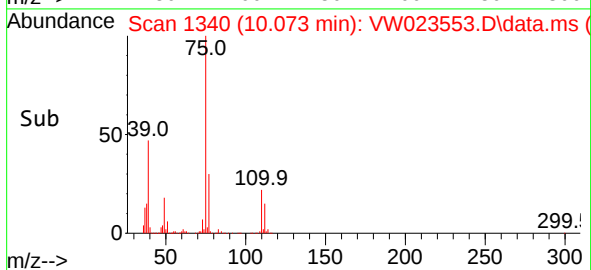
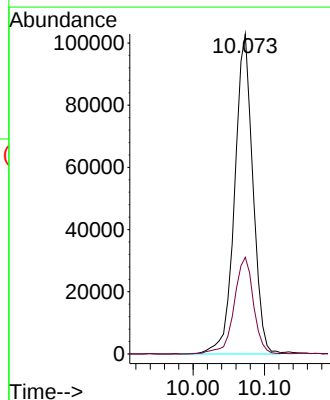
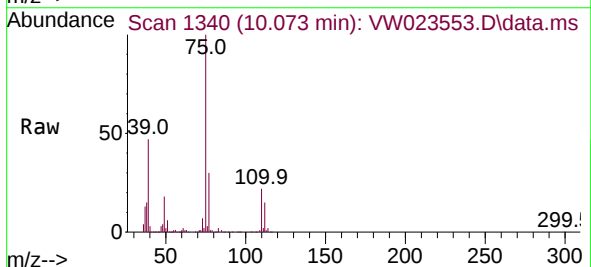
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

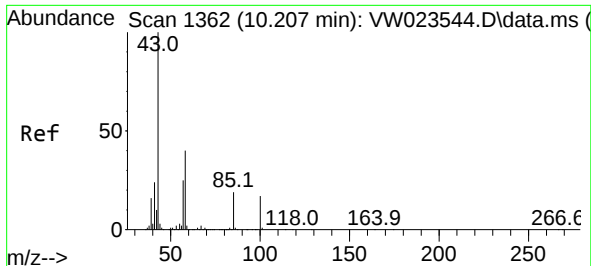
Tgt Ion: 83 Resp: 162318
Ion Ratio Lower Upper
83 100
85 63.4 44.2 82.0
127 7.7 6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 26.358 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion: 75 Resp: 181876
Ion Ratio Lower Upper
75 100
77 30.2 23.0 42.6





#40

4-Methyl-2-pentanone

Concen: 49.892 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

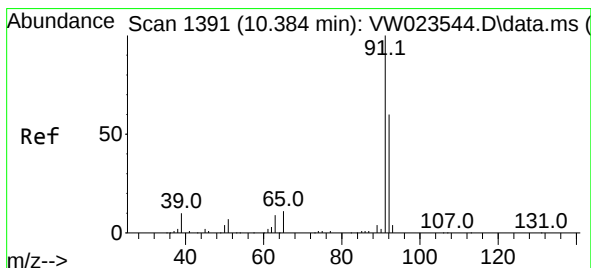
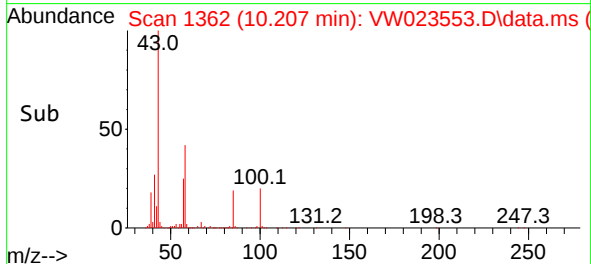
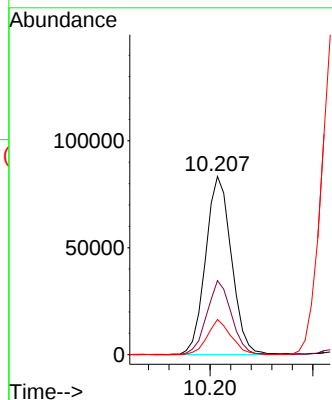
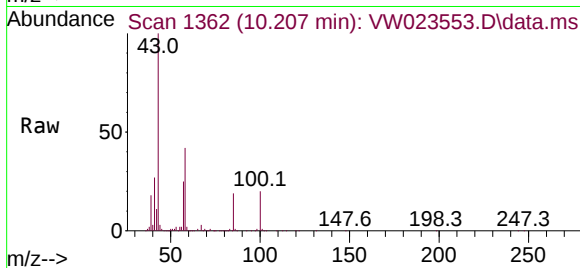
Tgt Ion: 43 Resp: 145710

Ion Ratio Lower Upper

43 100

58 39.9 31.8 47.8

100 18.3 14.0 21.0



#42

Toluene

Concen: 27.106 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW023553.D

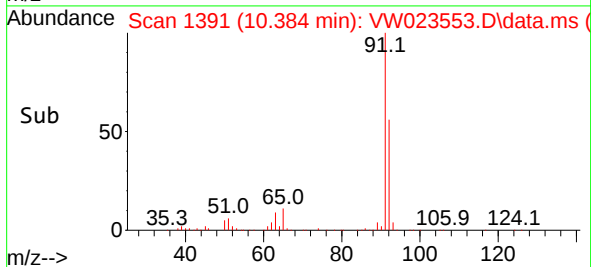
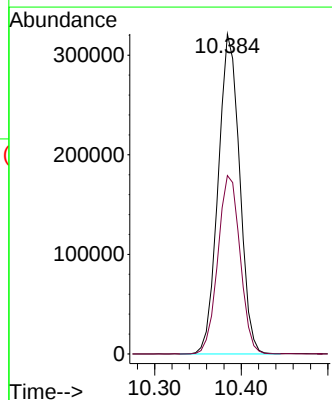
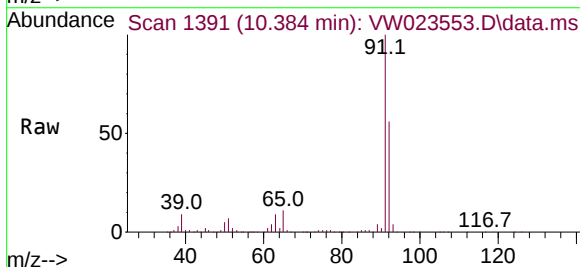
Acq: 01 Jul 2022 10:04

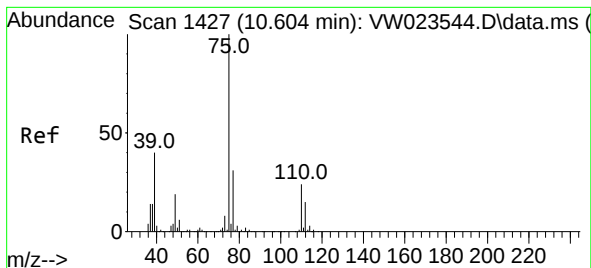
Tgt Ion: 91 Resp: 552332

Ion Ratio Lower Upper

91 100

92 55.7 41.2 76.4





#44

trans-1,3-Dichloropropene

Concen: 26.061 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

Instrument :

MSVOA_W

ClientSampleId :

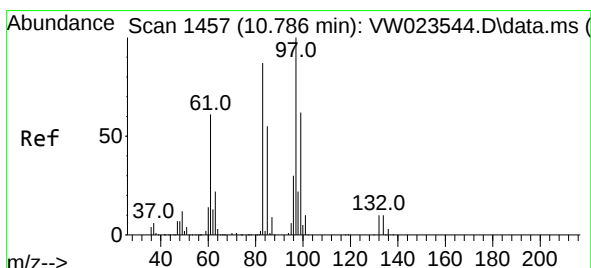
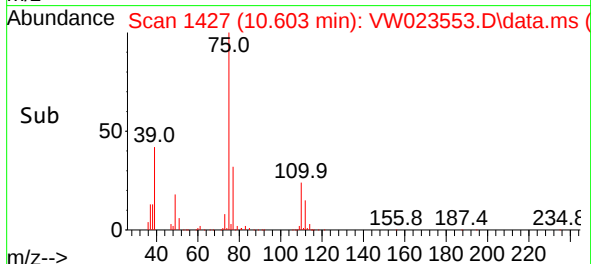
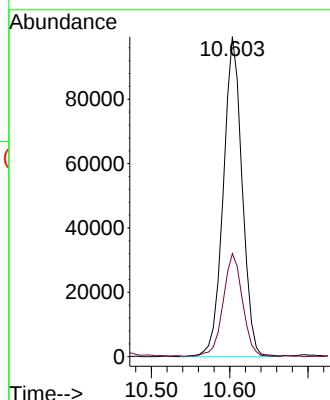
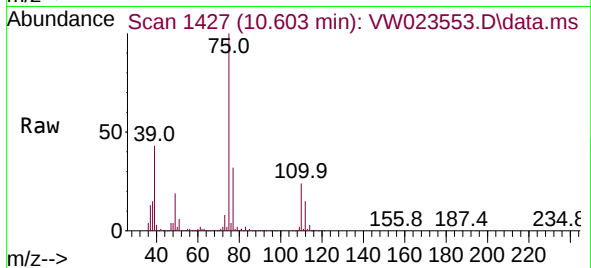
VSTD025586

Tgt Ion: 75 Resp: 166206

Ion Ratio Lower Upper

75 100

77 32.2 22.9 42.5



#45

1,1,2-Trichloroethane

Concen: 25.985 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

Tgt Ion: 97 Resp: 98456

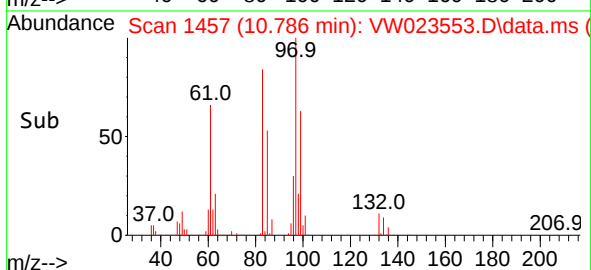
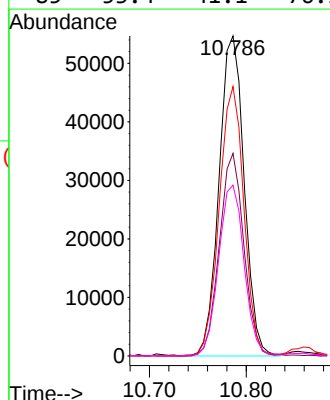
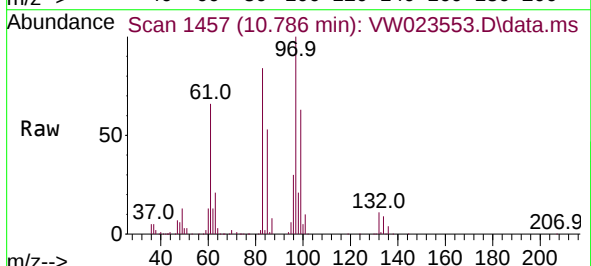
Ion Ratio Lower Upper

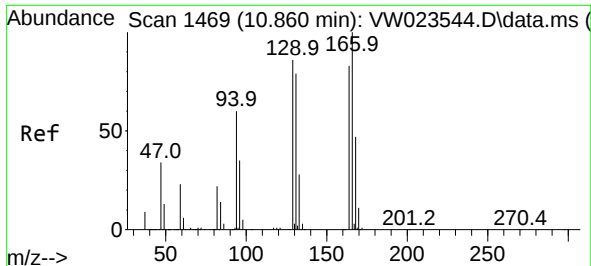
97 100

99 63.3 43.9 81.5

83 84.2 59.8 111.0

85 53.4 41.1 76.3



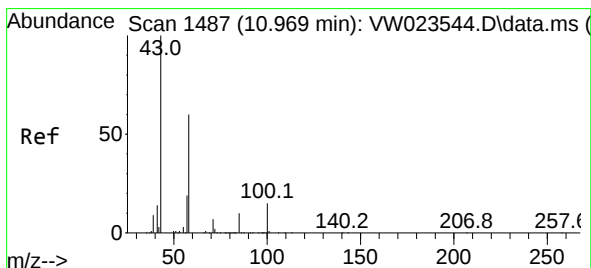
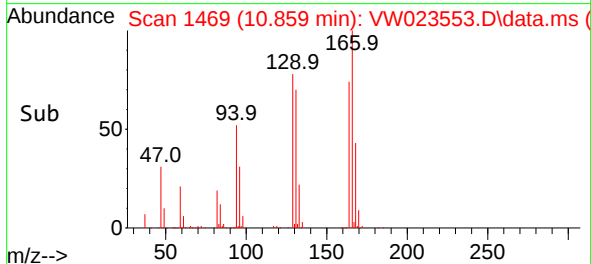
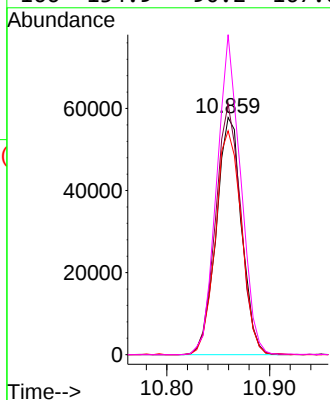
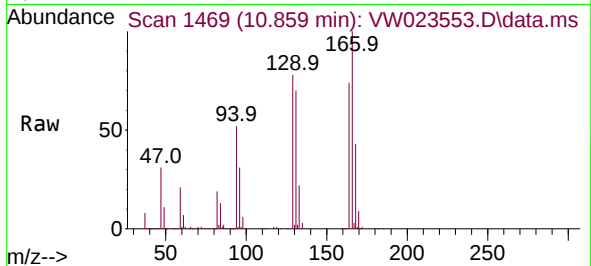


#46
Tetrachloroethene
Concen: 24.968 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

Tgt Ion:164 Resp: 99115

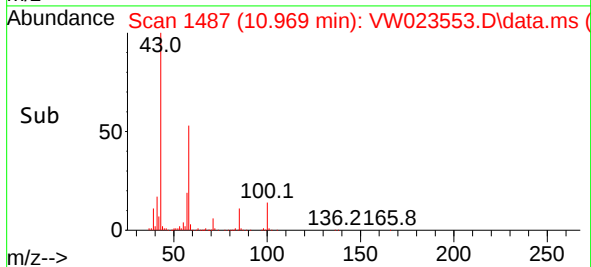
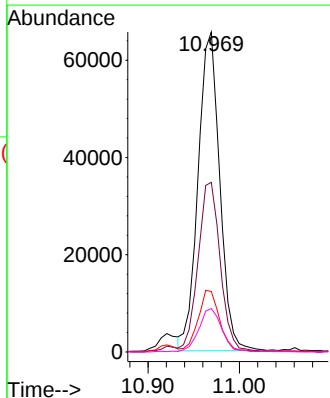
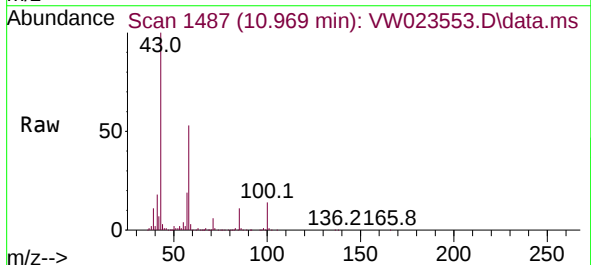
Ion	Ratio	Lower	Upper
164	100		
129	105.8	71.3	132.3
131	94.4	67.0	124.4
166	134.9	90.2	167.6

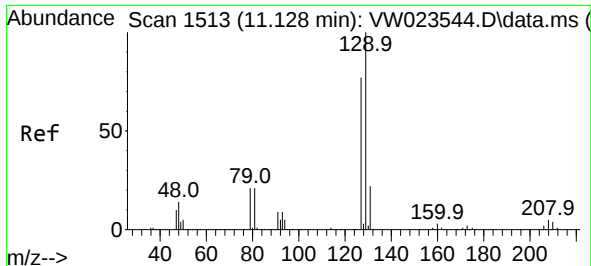


#48
2-Hexanone
Concen: 53.952 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion: 43 Resp: 108226

Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.7	65.5
57	19.5	15.7	23.5
100	14.2	11.0	16.4





#49

Dibromochloromethane

Concen: 25.627 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

Instrument :

MSVOA_W

ClientSampleId :

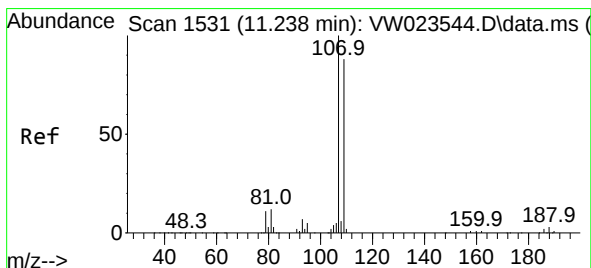
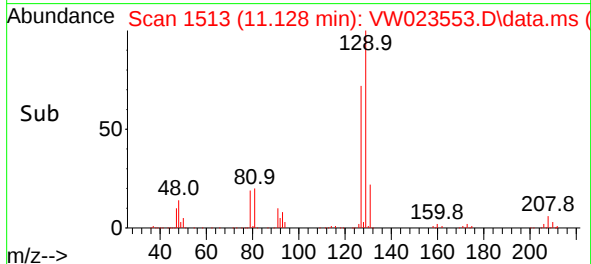
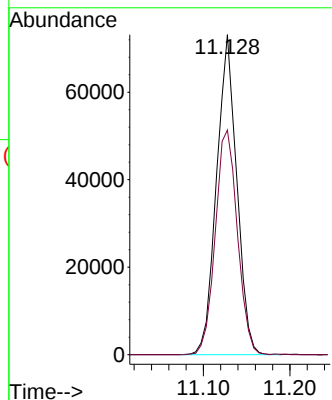
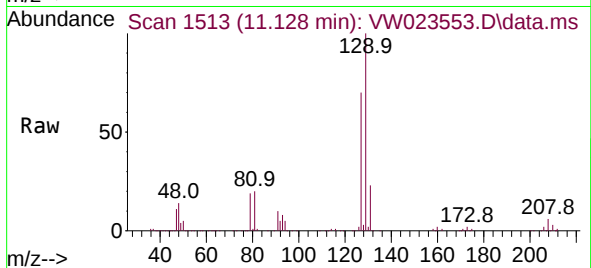
VSTD025586

Tgt Ion:129 Resp: 118649

Ion Ratio Lower Upper

129 100

127 70.2 52.7 97.9



#50

1,2-Dibromoethane

Concen: 25.119 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

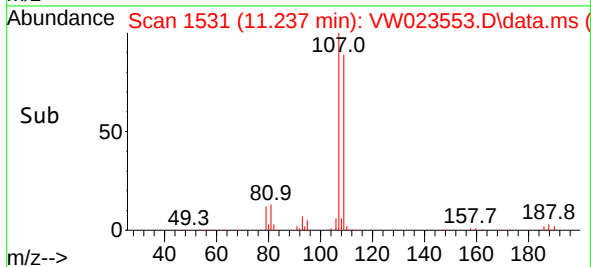
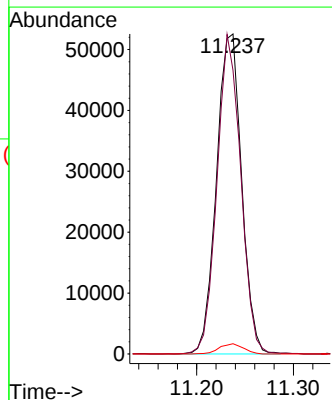
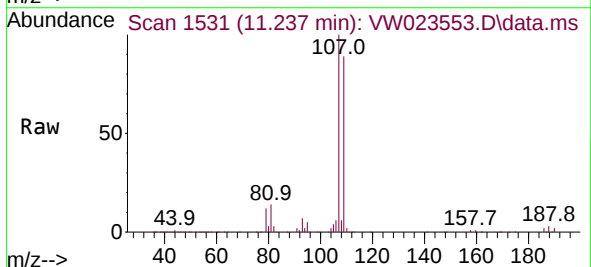
Tgt Ion:107 Resp: 94836

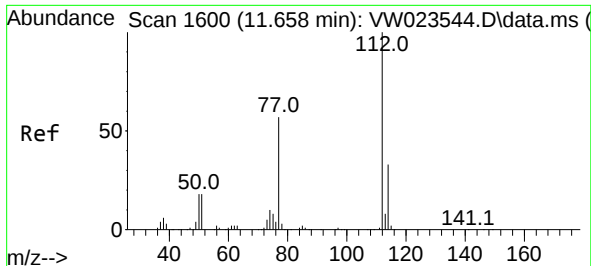
Ion Ratio Lower Upper

107 100

109 88.6 67.2 124.8

188 3.2 2.7 4.1

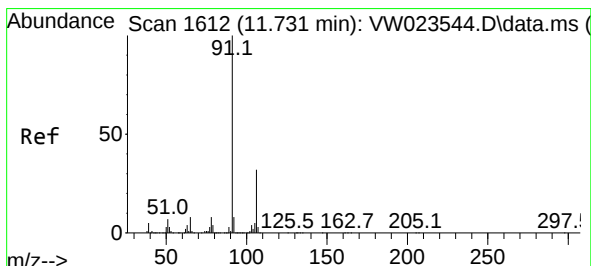
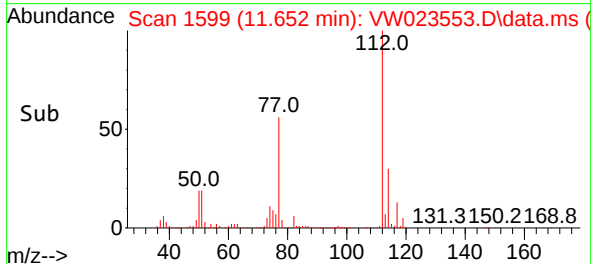
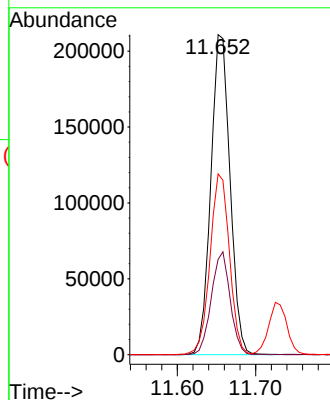
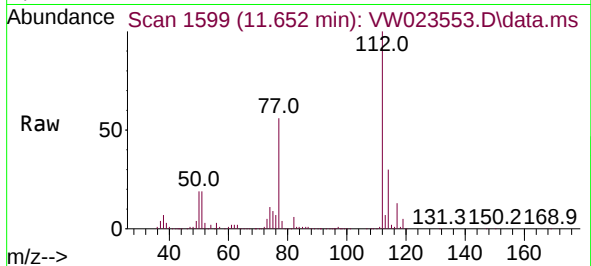




#51
Chlorobenzene
Concen: 25.760 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

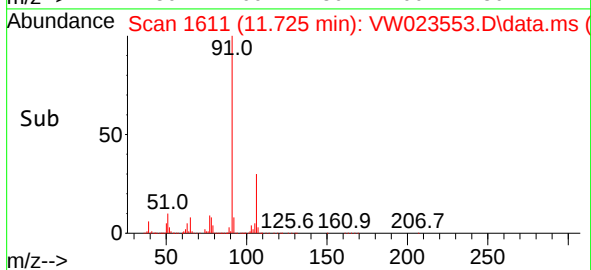
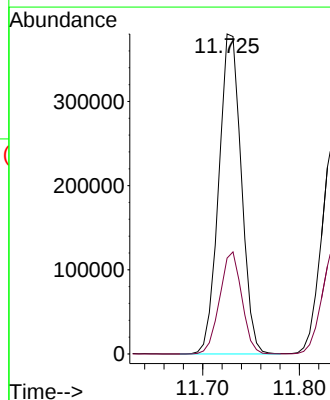
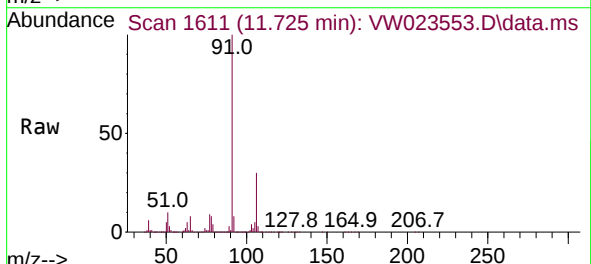
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

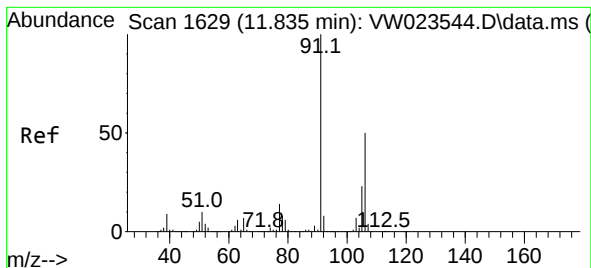
Tgt Ion:112 Resp: 359183
Ion Ratio Lower Upper
112 100
114 29.8 23.1 42.9
77 56.5 44.2 66.4



#52
Ethylbenzene
Concen: 27.059 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion: 91 Resp: 615007
Ion Ratio Lower Upper
91 100
106 29.9 21.4 39.8

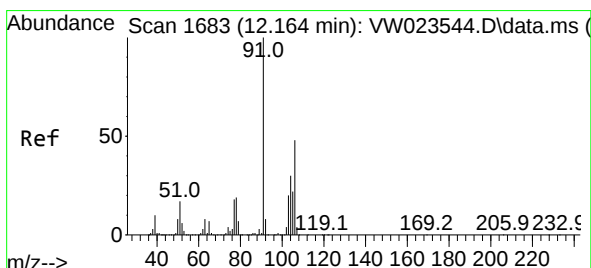
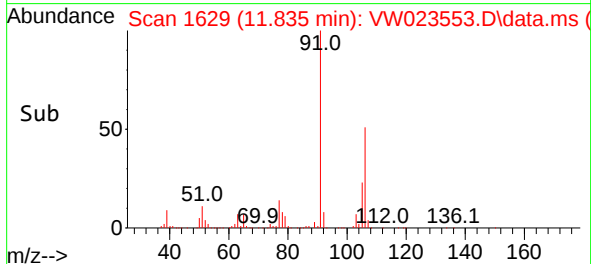
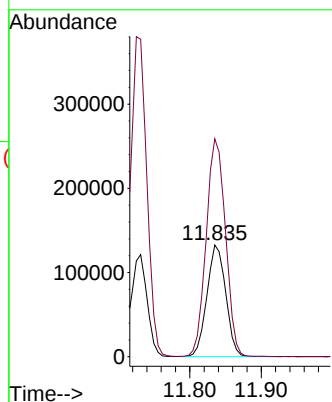
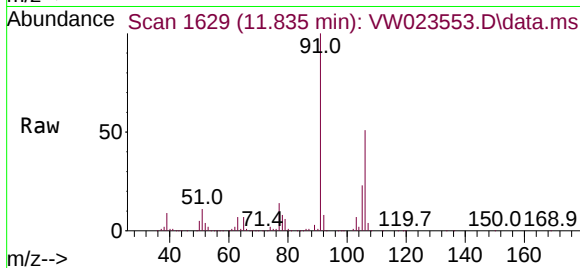




#53
m,p-Xylene
Concen: 27.137 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

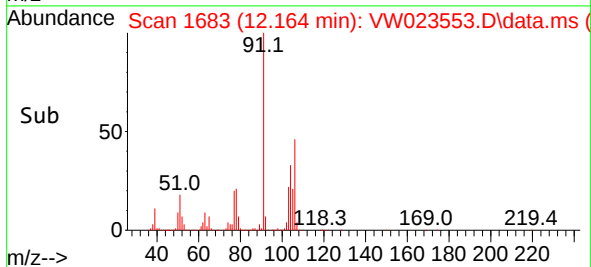
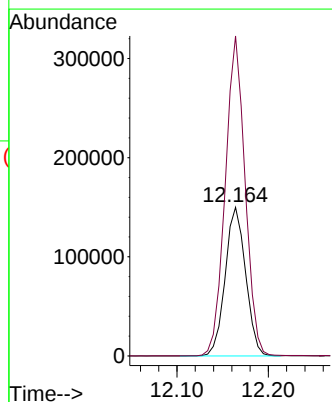
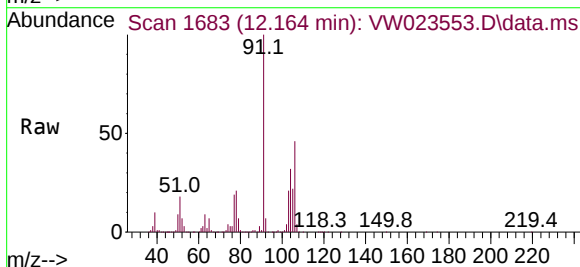
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

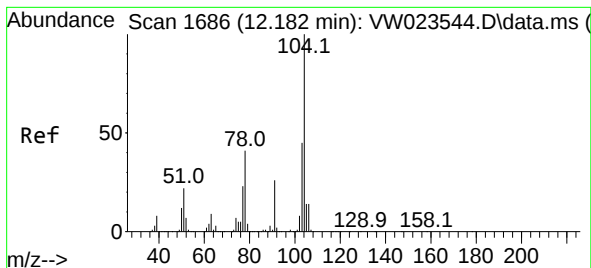
Tgt Ion:106 Resp: 242494
Ion Ratio Lower Upper
106 100
91 195.1 140.8 261.6



#54
o-Xylene
Concen: 27.644 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion:106 Resp: 233322
Ion Ratio Lower Upper
106 100
91 215.2 149.3 277.3





#55

Styrene

Concen: 27.836 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

Instrument :

MSVOA_W

ClientSampleId :

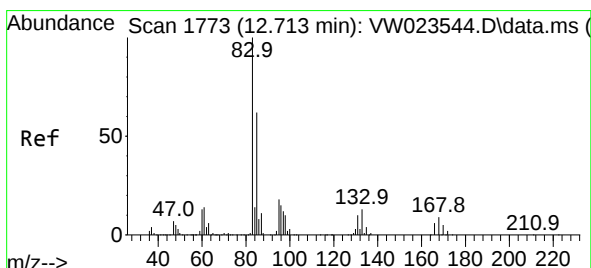
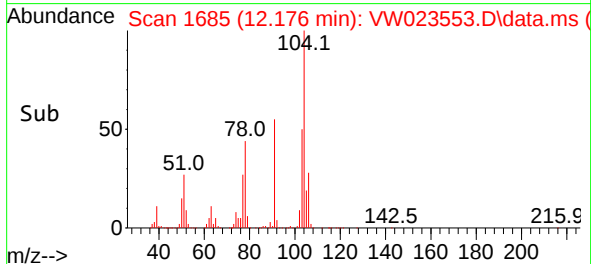
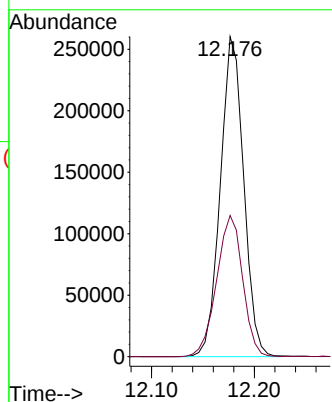
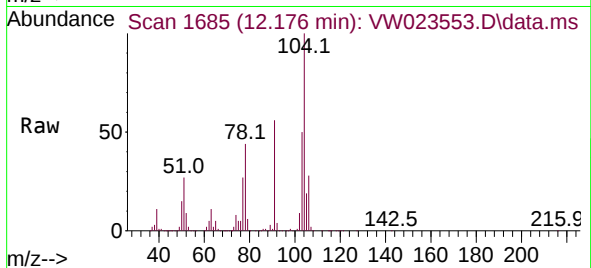
VSTD025586

Tgt Ion:104 Resp: 410607

Ion Ratio Lower Upper

104 100

78 44.1 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 25.379 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

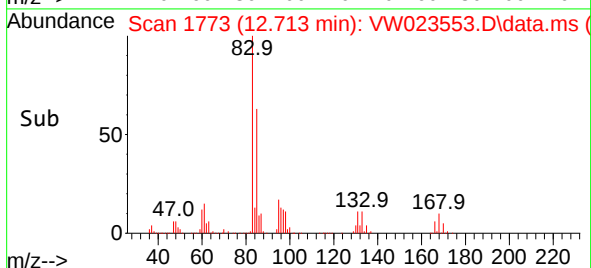
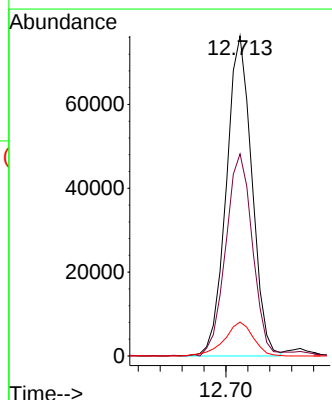
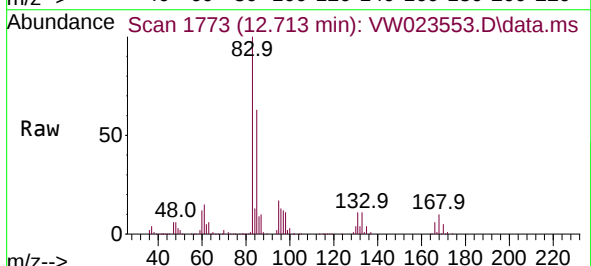
Tgt Ion: 83 Resp: 123669

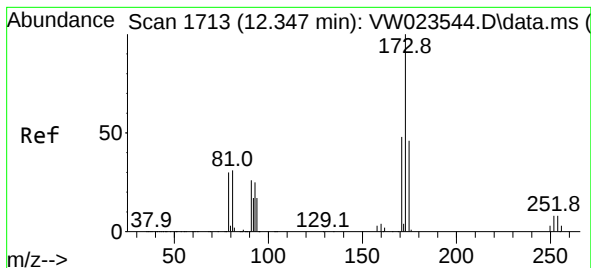
Ion Ratio Lower Upper

83 100

85 63.2 44.0 81.6

131 10.6 8.5 12.7





#59

Bromoform

Concen: 24.311 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

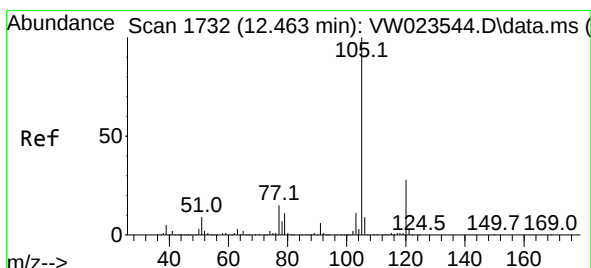
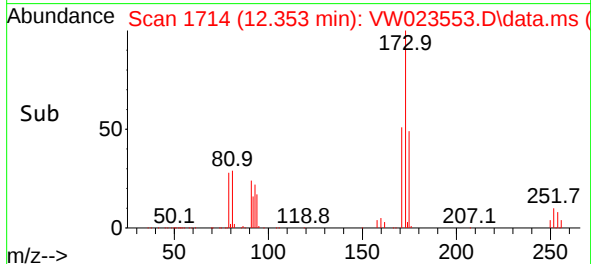
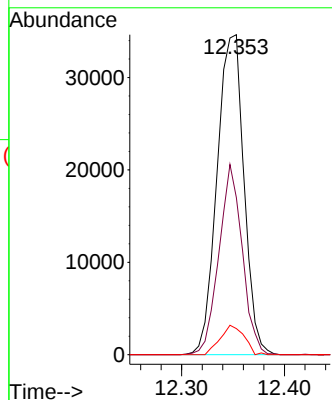
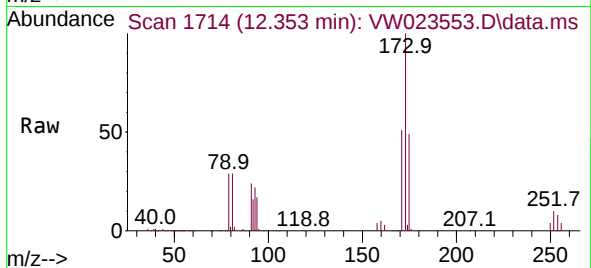
Tgt Ion:173 Resp: 63002

Ion Ratio Lower Upper

173 100

175 51.5 37.9 56.9

254 8.1 7.0 10.4



#60

Isopropylbenzene

Concen: 27.685 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023553.D

Acq: 01 Jul 2022 10:04

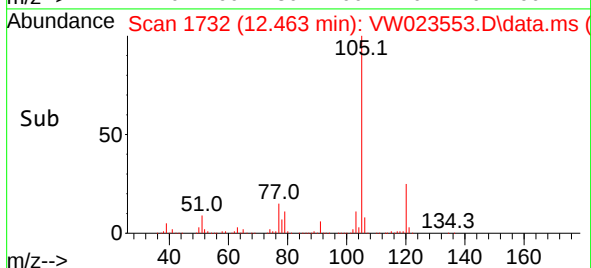
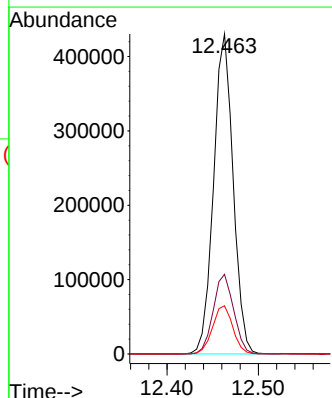
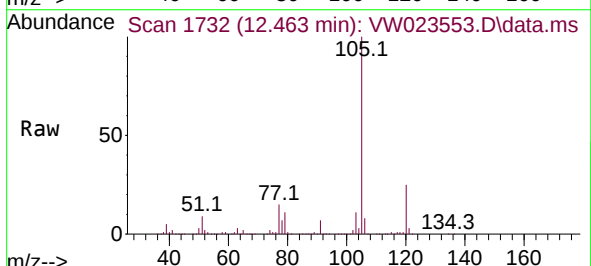
Tgt Ion:105 Resp: 637904

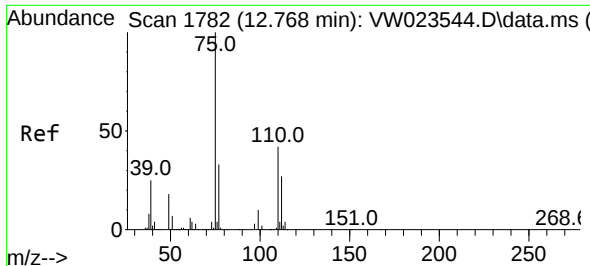
Ion Ratio Lower Upper

105 100

120 26.0 21.3 31.9

77 15.7 12.4 18.6

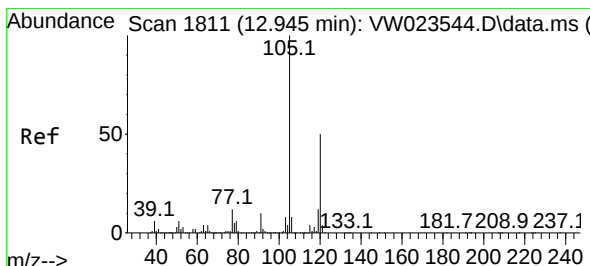
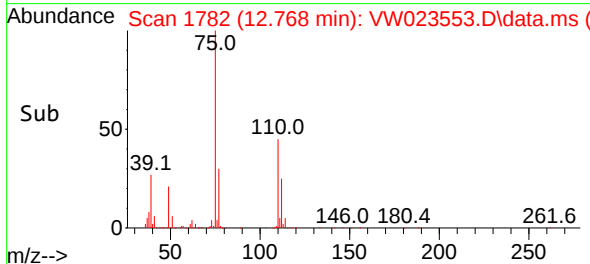
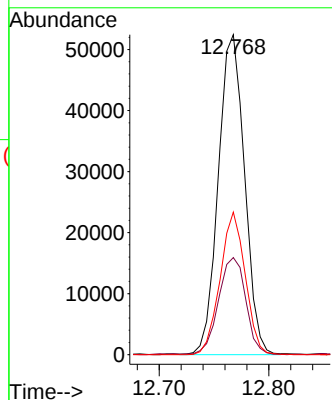
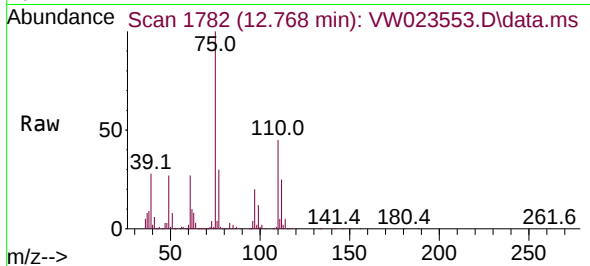




#61
1,2,3-Trichloropropane
Concen: 24.801 ug/L
RT: 12.768 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

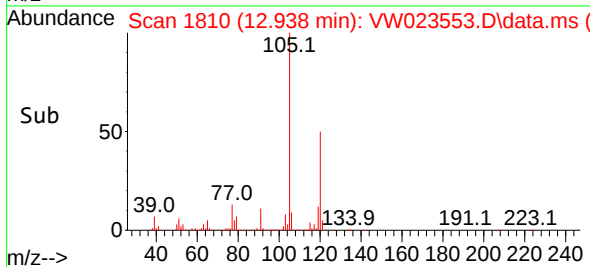
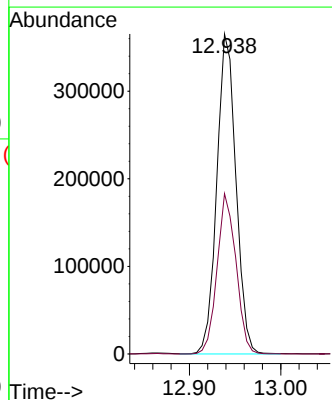
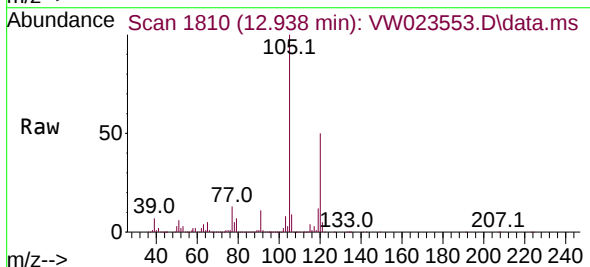
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

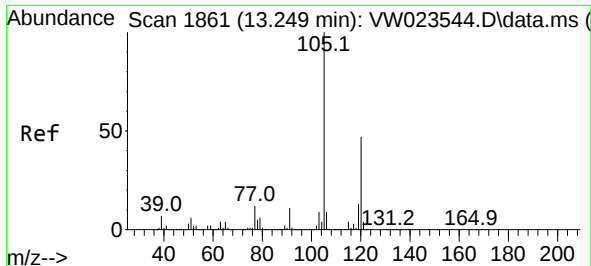
Tgt Ion: 75 Resp: 87258
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6
110 42.5 34.3 51.5



#62
1,3,5-Trimethylbenzene
Concen: 27.830 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion: 105 Resp: 532767
Ion Ratio Lower Upper
105 100
120 49.4 39.7 59.5

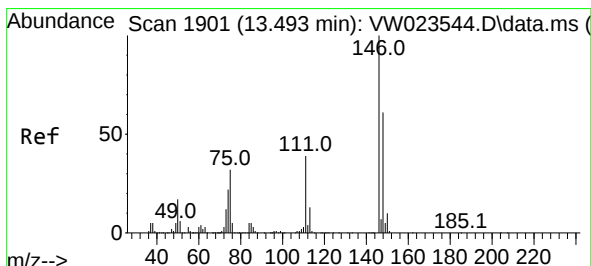
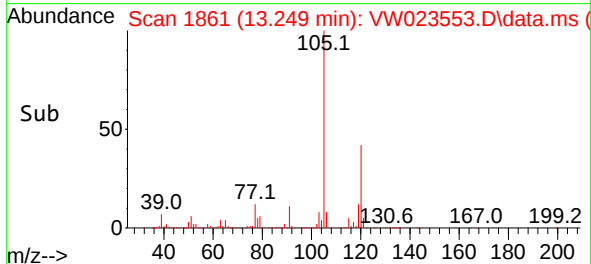
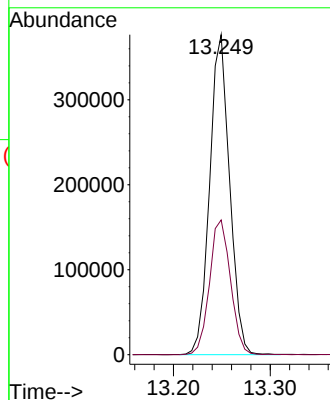
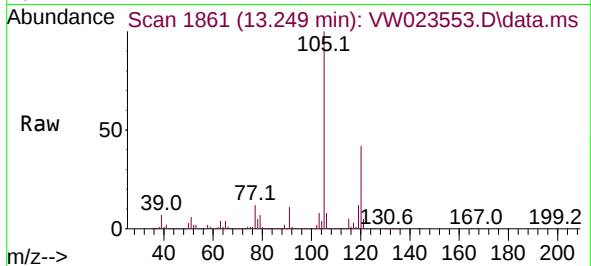




#63
1,2,4-Trimethylbenzene
Concen: 28.163 ug/L
RT: 13.249 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

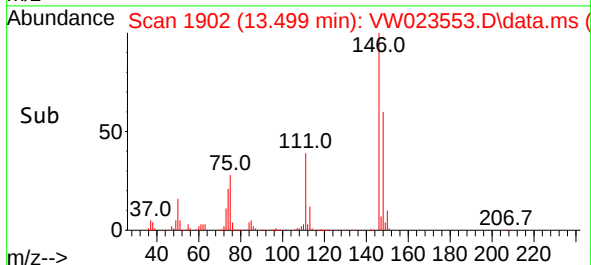
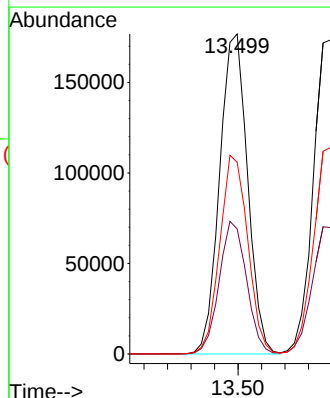
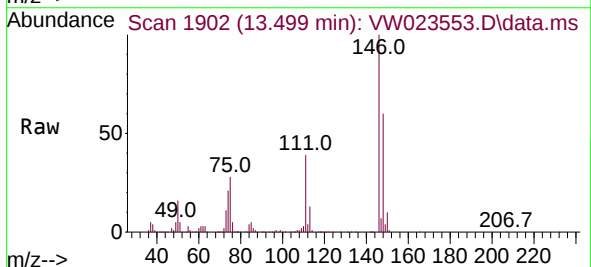
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

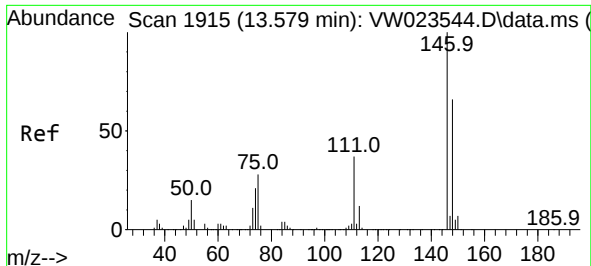
Tgt Ion:105 Resp: 541044
Ion Ratio Lower Upper
105 100
120 44.1 36.9 55.3



#64
1,3-Dichlorobenzene
Concen: 26.377 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion:146 Resp: 292103
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.7
148 59.9 43.3 80.5

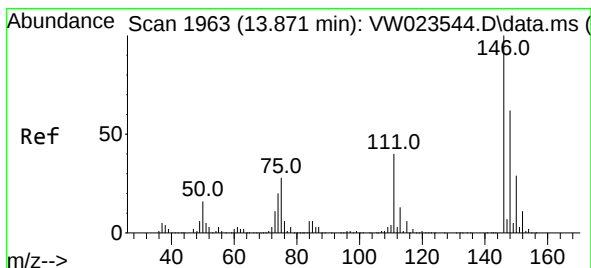
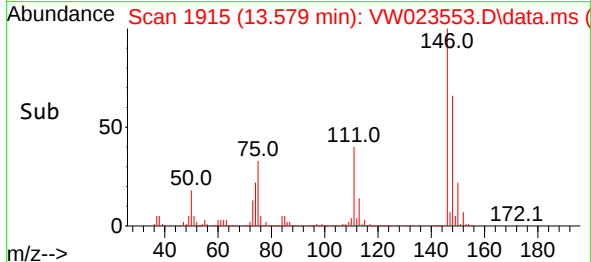
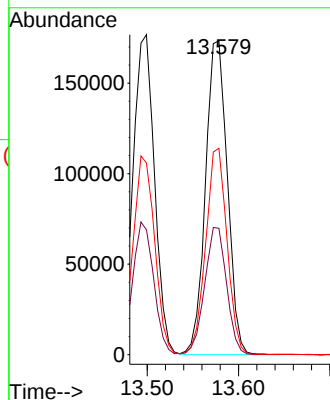
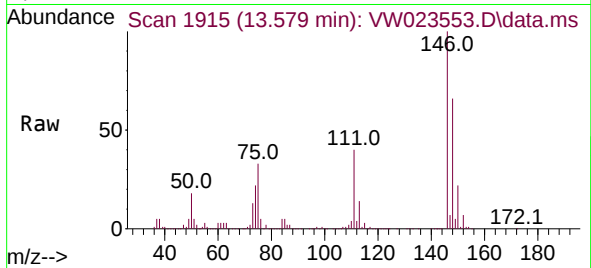




#65
1,4-Dichlorobenzene
Concen: 25.616 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

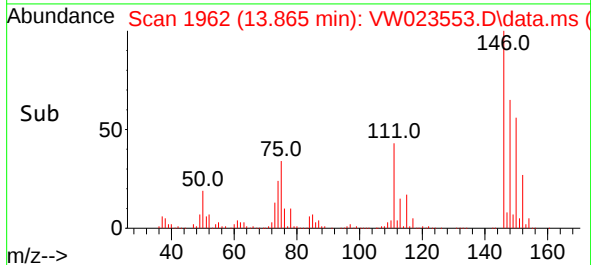
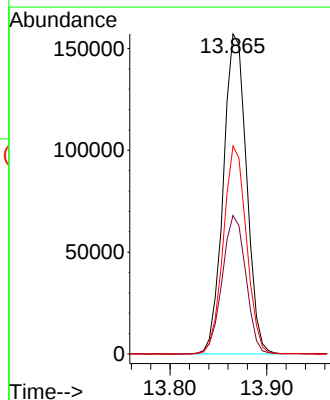
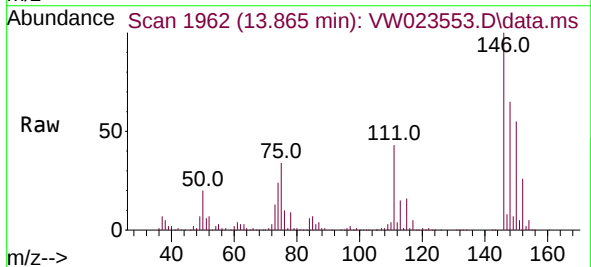
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

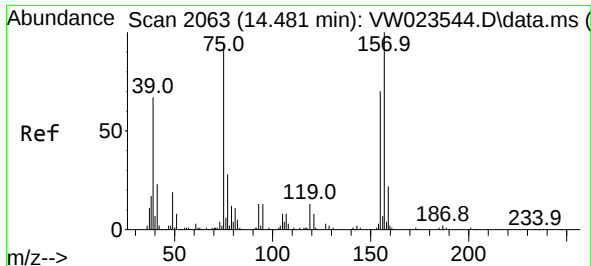
Tgt Ion:146 Resp: 287691
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 65.7 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 26.099 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion:146 Resp: 261915
Ion Ratio Lower Upper
146 100
111 43.2 30.6 45.8
148 64.9 49.9 74.9

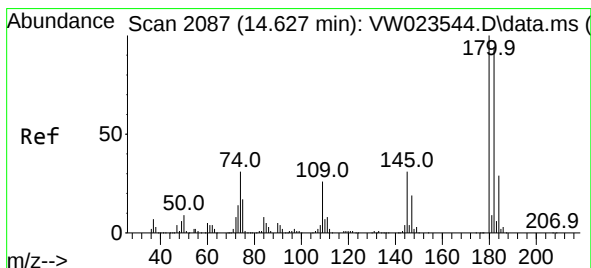
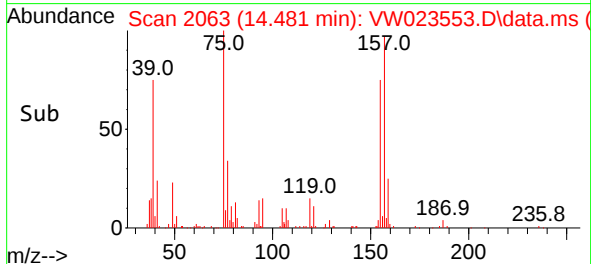
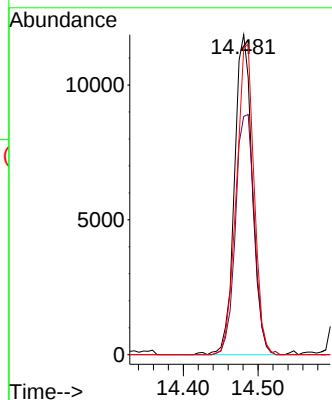
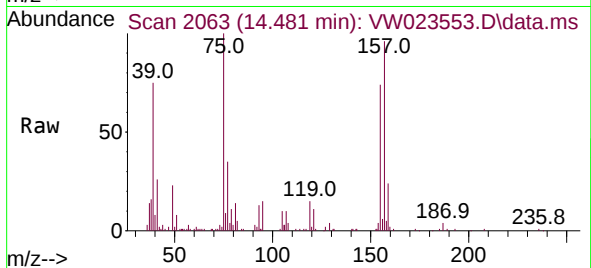




#68
1,2-Dibromo-3-chloropropane
Concen: 24.385 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

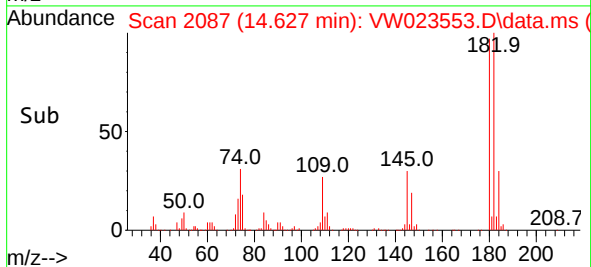
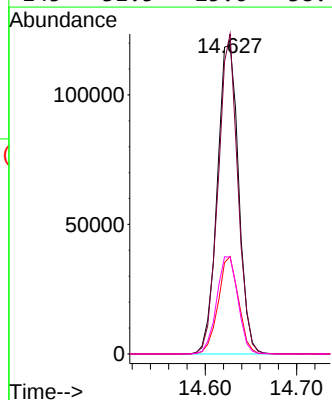
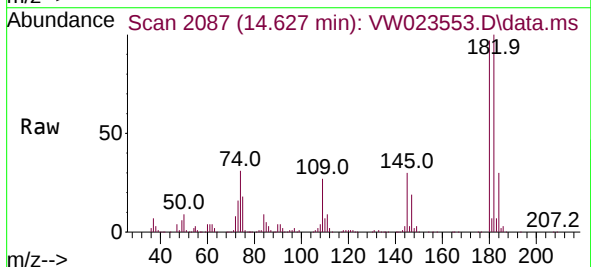
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

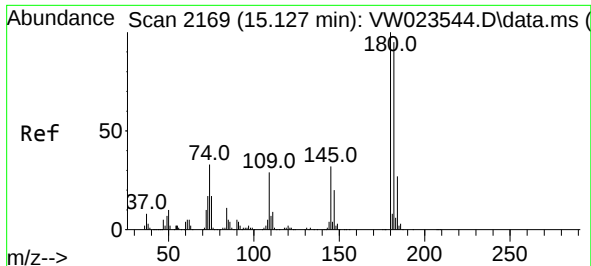
Tgt Ion: 75 Resp: 19620
Ion Ratio Lower Upper
75 100
155 74.5 63.8 95.6
157 95.9 85.0 127.4



#69
1,3,5-Trichlorobenzene
Concen: 26.144 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion:180 Resp: 193309
Ion Ratio Lower Upper
180 100
182 95.5 75.5 113.3
184 30.1 24.6 36.8
145 31.5 25.6 38.4

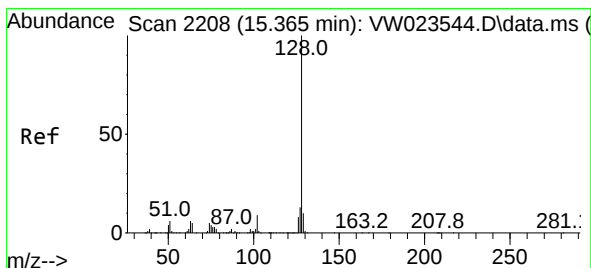
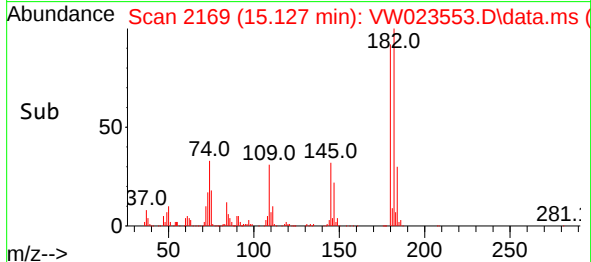
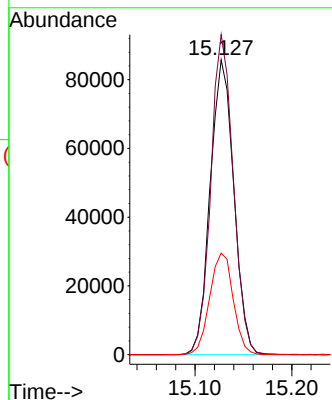
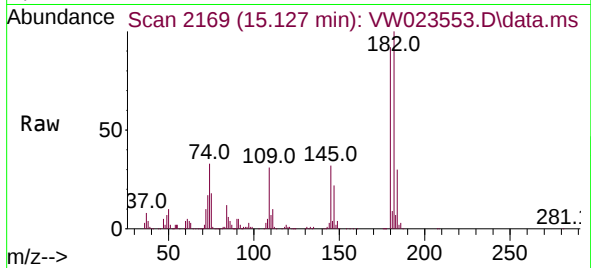




#70
1,2,4-trichlorobenzene
Concen: 24.385 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

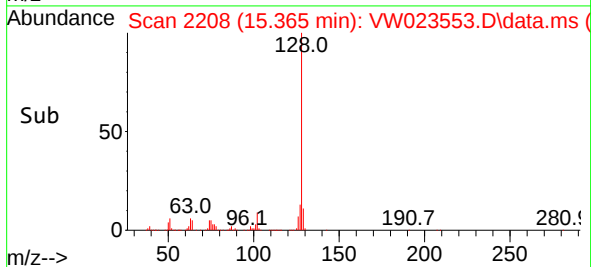
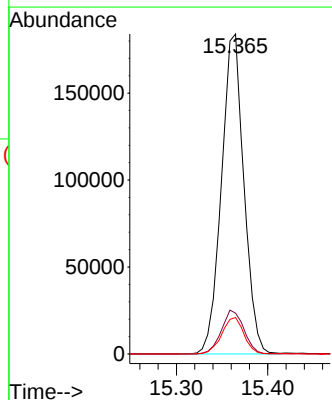
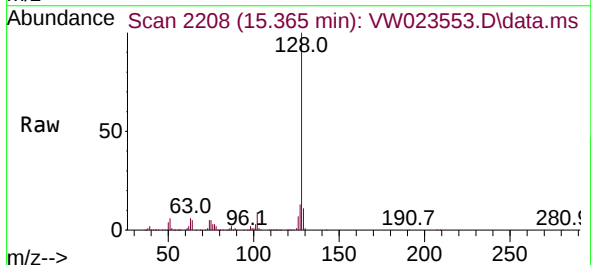
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

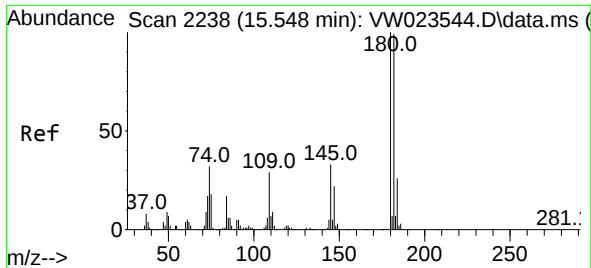
Tgt Ion:180 Resp: 145502
Ion Ratio Lower Upper
180 100
182 103.3 77.0 115.4
145 34.4 26.1 39.1



#71
Naphthalene
Concen: 25.418 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW023553.D
Acq: 01 Jul 2022 10:04

Tgt Ion:128 Resp: 314674
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 11.3 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 25.197 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW023553.D
 Acq: 01 Jul 2022 10:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025586

Tgt Ion:180 Resp: 137221
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.6 113.4
 145 34.1 28.2 42.2

