

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040122\
 Data File : VW022366.D
 Acq On : 01 Apr 2022 14:32
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

Quant Time: Apr 02 01:54:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 02 01:46:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	308264	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	303532	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	159963	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	108763	21.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.120%
7) Chloroethane-d5	2.885	69	66176	21.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.760%
11) 1,1-Dichloroethene-d2	4.031	63	168202	22.439	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.760%
21) 2-Butanone-d5	7.080	46	63929	51.786	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.580%
24) Chloroform-d	7.647	84	201372	23.428	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.720%
26) 1,2-Dichloroethane-d4	8.305	65	123781	24.355	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	8.275	84	392695	23.560	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.240%
36) 1,2-Dichloropropane-d6	9.274	67	119181	23.817	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.280%
41) Toluene-d8	10.323	98	384080	24.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.880%
43) trans-1,3-Dichloroprop...	10.573	79	61703	24.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.080%
47) 2-Hexanone-d5	10.920	63	53011	51.715	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.440%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	106352	25.193	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	123321	23.881	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	39543	24.374	ug/L	96
3) Chloromethane	2.215	50	86567	23.098	ug/L	98
5) Vinyl chloride	2.361	62	138813	22.671	ug/L	100
6) Bromomethane	2.776	94	74349	23.579	ug/L	91
8) Chloroethane	2.922	64	57599	22.620	ug/L	99
9) Trichlorofluoromethane	3.257	101	42874	23.648	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	93612	22.592	ug/L	95
12) 1,1-Dichloroethene	4.044	96	89363	23.010	ug/L	75
13) Acetone	4.123	43	39681	46.941	ug/L	87
14) Carbon disulfide	4.391	76	287801	23.490	ug/L	99
15) Methyl Acetate	4.672	43	53931	24.457	ug/L	89
16) Methylene chloride	4.922	84	99911	21.644	ug/L	81
17) trans-1,2-Dichloroethene	5.428	96	105075	22.843	ug/L	89
18) Methyl tert-butyl Ether	5.428	73	188575	23.520	ug/L	# 92
19) 1,1-Dichloroethane	6.220	63	193107	22.861	ug/L	96
22) 2-Butanone	7.171	43	66430	49.820	ug/L	88
23) Bromochloromethane	7.513	128	49593	23.078	ug/L	# 57
25) Chloroform	7.677	83	197552	22.911	ug/L	97
27) 1,2-Dichloroethane	8.403	62	154741	23.901	ug/L	97

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 Response via : Initial Calibration

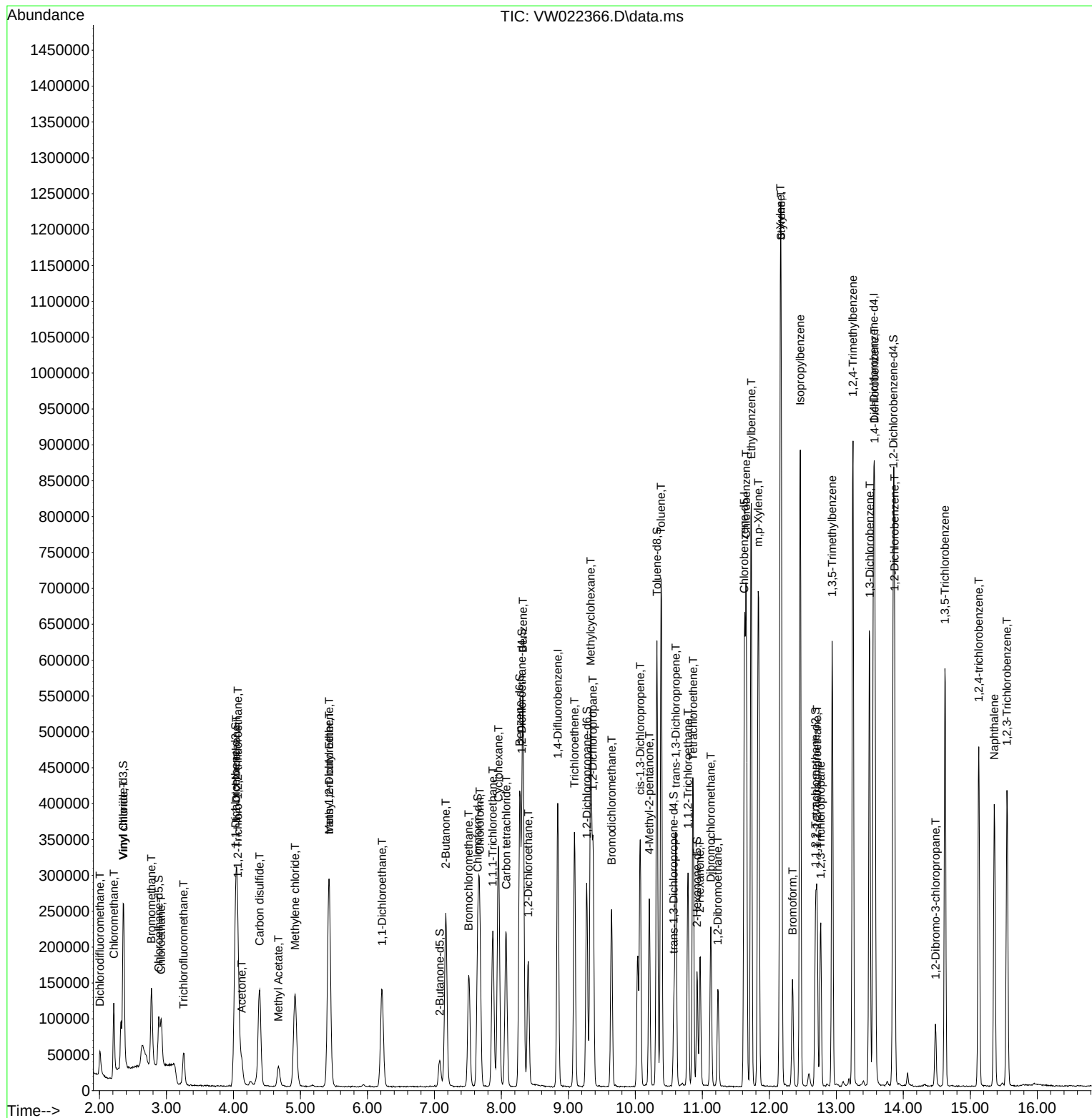
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	183983	22.265	ug/L	88
30) 1,1,1-Trichloroethane	7.872	97	170074	22.728	ug/L	93
31) Carbon tetrachloride	8.073	117	150618	22.346	ug/L	98
33) Benzene	8.323	78	449261	23.058	ug/L	100
34) Trichloroethene	9.091	95	115703	22.862	ug/L	92
35) Methylcyclohexane	9.335	83	200450	22.498	ug/L	90
37) 1,2-Dichloropropane	9.366	63	112163	23.230	ug/L	97
38) Bromodichloromethane	9.646	83	156069	23.176	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	181533	22.994	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	166355	48.996	ug/L #	92
42) Toluene	10.384	91	499647	23.056	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	172706	23.620	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	85540	23.688	ug/L	92
46) Tetrachloroethene	10.866	164	82064	22.612	ug/L	92
48) 2-Hexanone	10.963	43	116682	48.679	ug/L #	94
49) Dibromochloromethane	11.128	129	102916	23.021	ug/L	97
50) 1,2-Dibromoethane	11.231	107	86148	23.490	ug/L	98
51) Chlorobenzene	11.652	112	304617	22.734	ug/L	90
52) Ethylbenzene	11.731	91	561518	23.361	ug/L	98
53) m,p-Xylene	11.835	106	215477	23.487	ug/L	92
54) o-Xylene	12.164	106	205404	23.112	ug/L	83
55) Styrene	12.176	104	354187	22.945	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.713	83	110967	23.996	ug/L	95
59) Bromoform	12.347	173	60000	25.173	ug/L #	99
60) Isopropylbenzene	12.463	105	556978	23.181	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	82811	23.820	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	314038	23.442	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	475058	23.627	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	233408	24.510	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	241452	24.162	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	212803	24.289	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	20844	23.266	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	154868	24.011	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	128828	24.362	ug/L	96
71) Naphthalene	15.359	128	314153	25.626	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	116318	25.113	ug/L	97

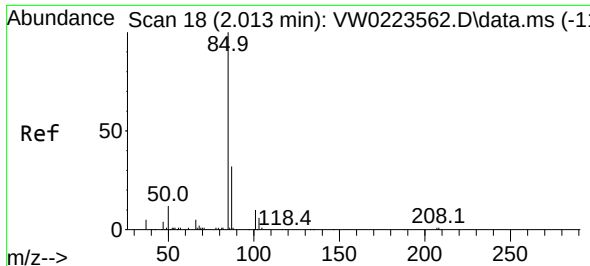
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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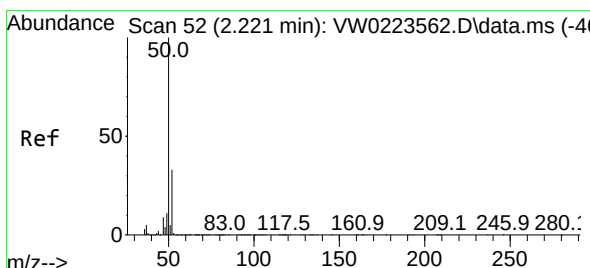
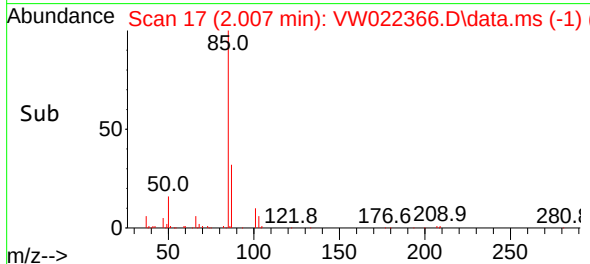
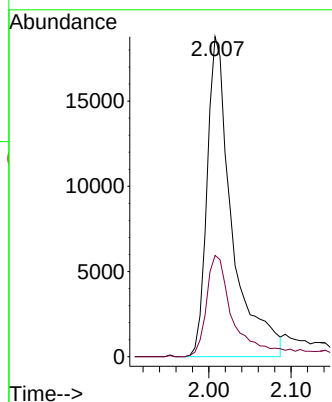
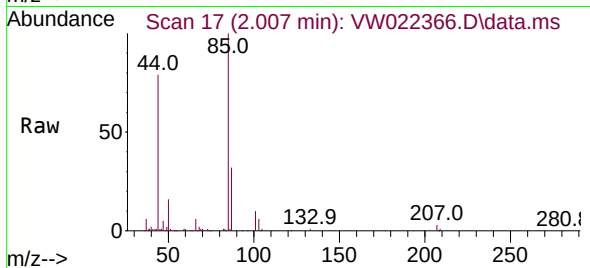




#2
Dichlorodifluoromethane
Concen: 24.374 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

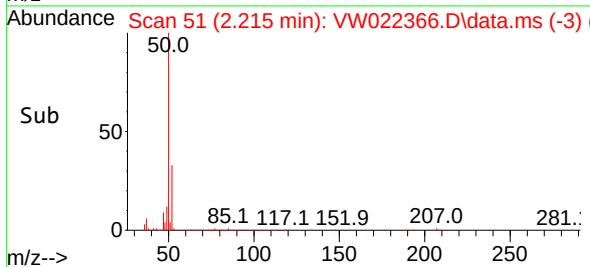
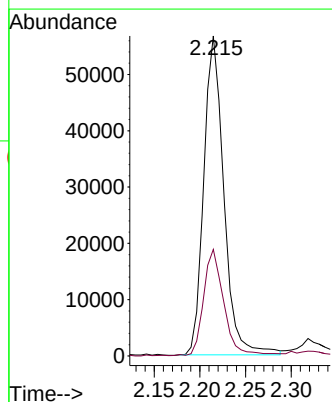
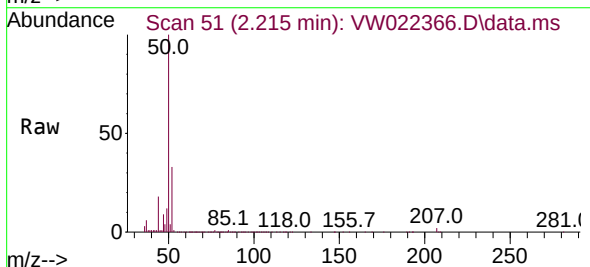
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

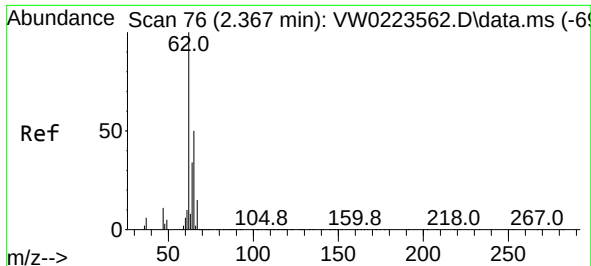
Tgt Ion: 85 Resp: 39543
Ion Ratio Lower Upper
85 100
87 32.4 27.6 41.4



#3
Chloromethane
Concen: 23.098 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion: 50 Resp: 86567
Ion Ratio Lower Upper
50 100
52 33.3 23.9 44.5

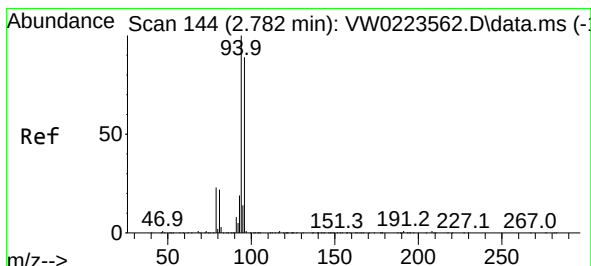
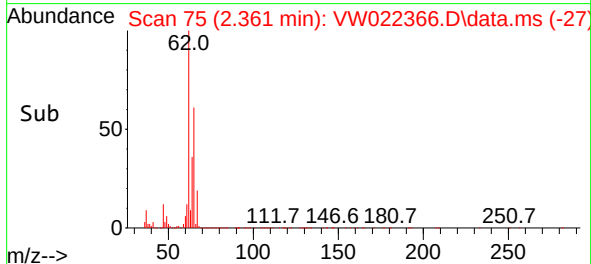
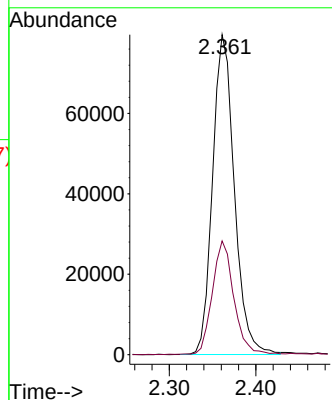
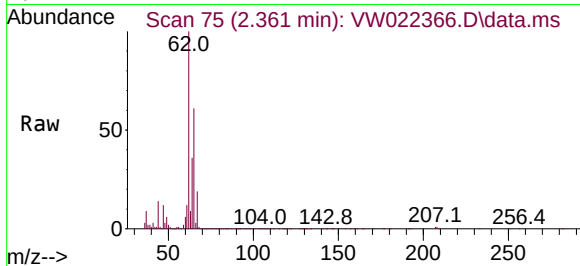




#5
 Vinyl chloride
 Concen: 22.671 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW022366.D
 Acq: 01 Apr 2022 14:32

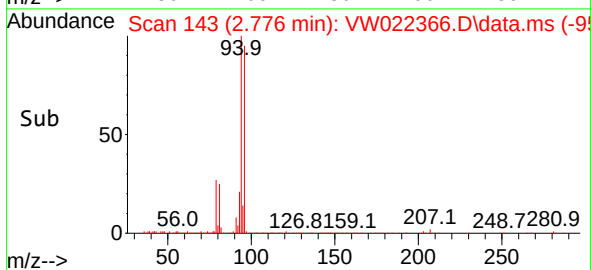
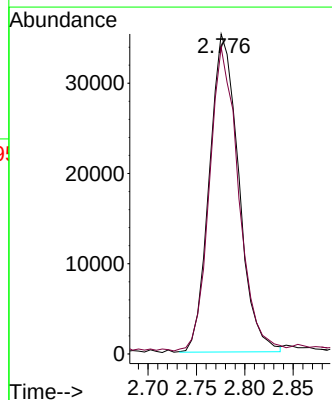
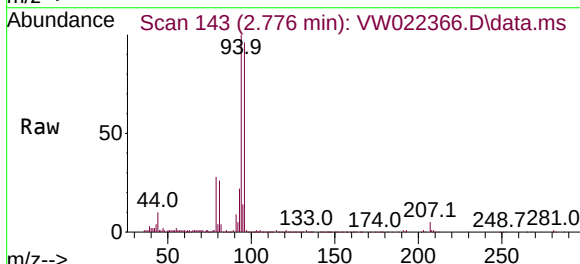
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

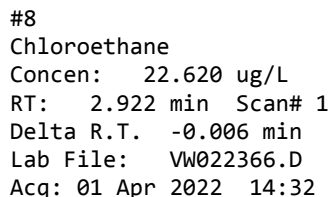
Tgt Ion: 62 Resp: 138813
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.7 45.9



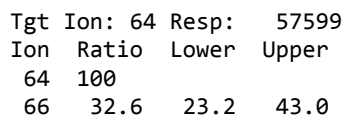
#6
 Bromomethane
 Concen: 23.579 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022366.D
 Acq: 01 Apr 2022 14:32

Tgt Ion: 94 Resp: 74349
 Ion Ratio Lower Upper
 94 100
 96 95.9 61.2 113.8



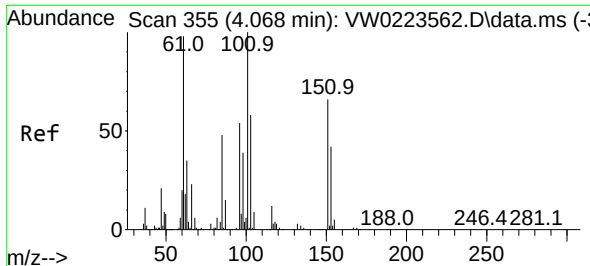


Instrument :
MSVOA_W
ClientSampleId :
VSTD025589



#9
Trichlorofluoromethane
Concen: 23.648 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

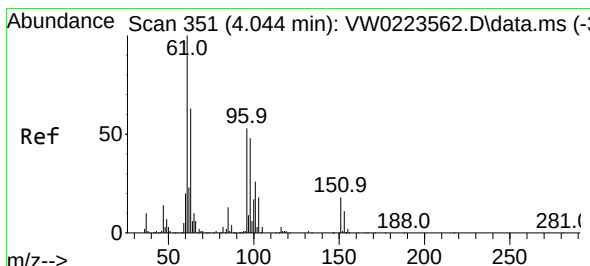
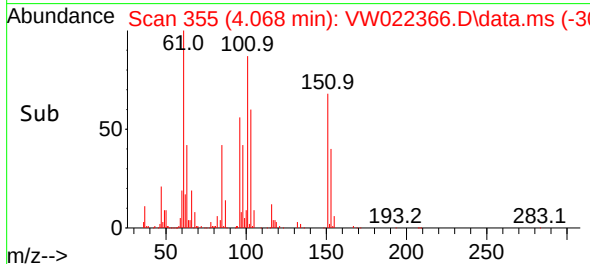
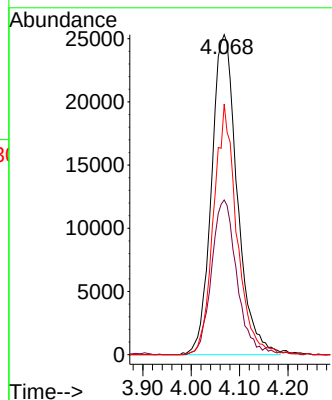
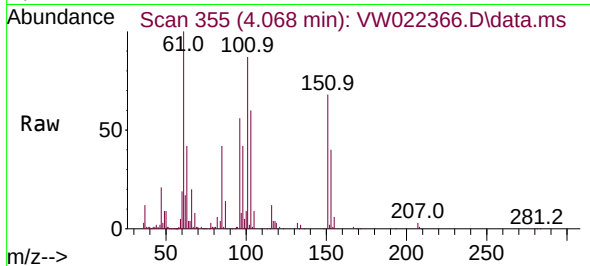
Tgt	Ion:101	Resp:	42874
Ion	Ratio	Lower	Upper
101	100		
103	64.7	53.2	79.8



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.592 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW022366.D
 Acq: 01 Apr 2022 14:32

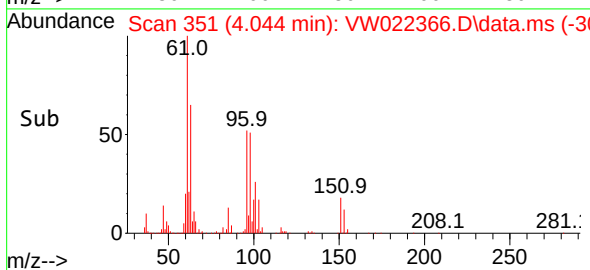
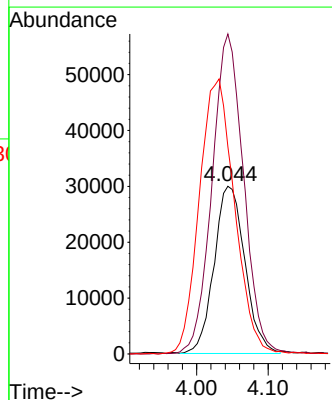
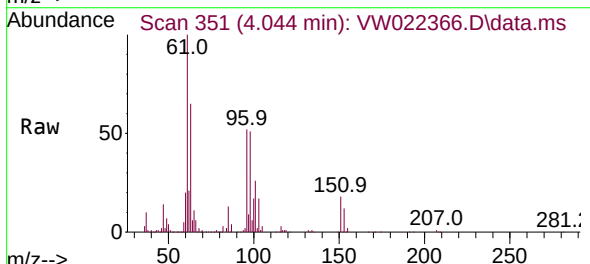
Instrument :
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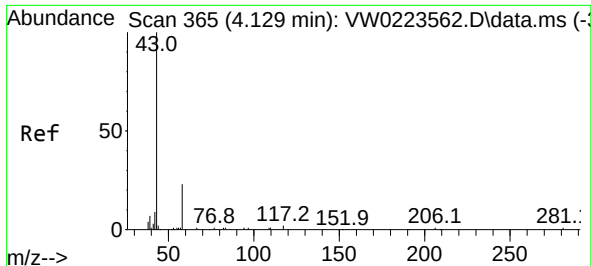
Tgt Ion: 101 Resp: 93612
 Ion Ratio Lower Upper
 101 100
 85 47.5 34.4 51.6
 151 70.6 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 23.010 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022366.D
 Acq: 01 Apr 2022 14:32

Tgt Ion: 96 Resp: 89363
 Ion Ratio Lower Upper
 96 100
 61 190.8 108.4 201.2
 63 123.6 72.0 133.6





#13

Acetone

Concen: 46.941 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.006 min

Lab File: VW022366.D

Acq: 01 Apr 2022 14:32

Instrument :

MSVOA_W

ClientSampleId :

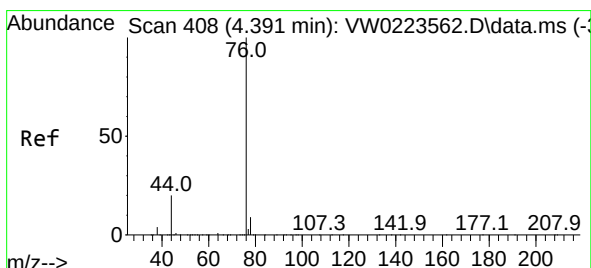
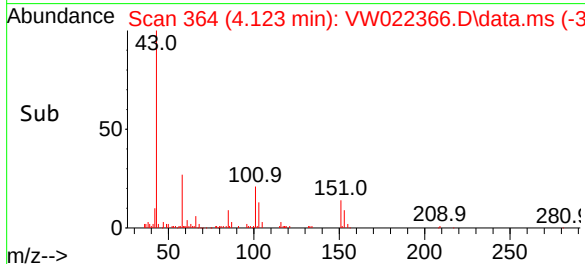
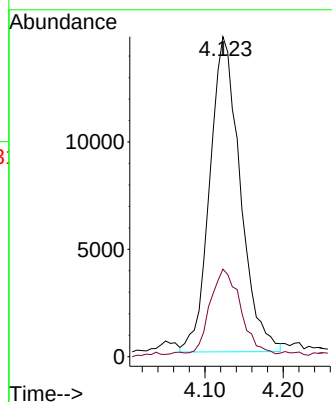
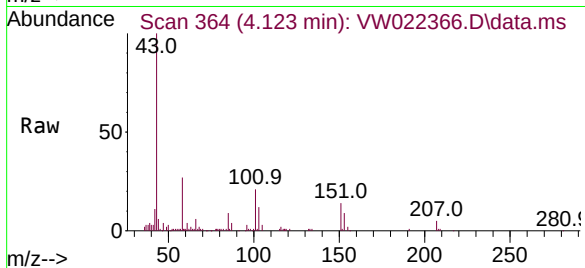
VSTD025589

Tgt Ion: 43 Resp: 39681

Ion Ratio Lower Upper

43 100

58 26.9 0.0 69.2



#14

Carbon disulfide

Concen: 23.490 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.000 min

Lab File: VW022366.D

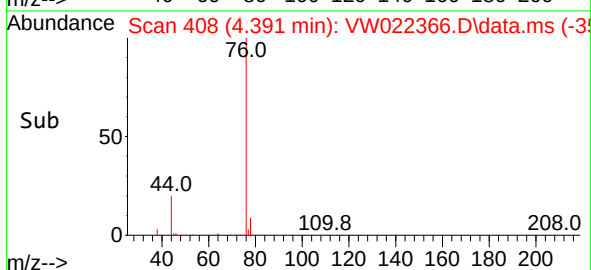
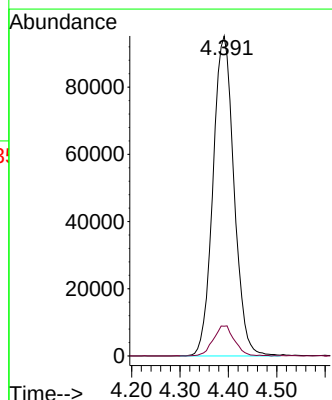
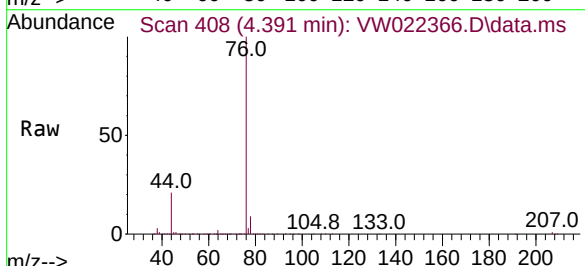
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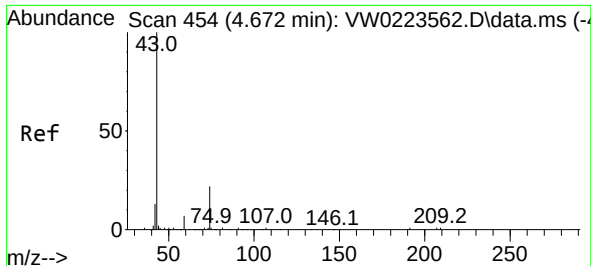
Tgt Ion: 76 Resp: 287801

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.8

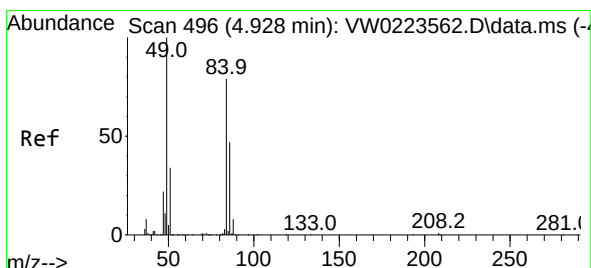
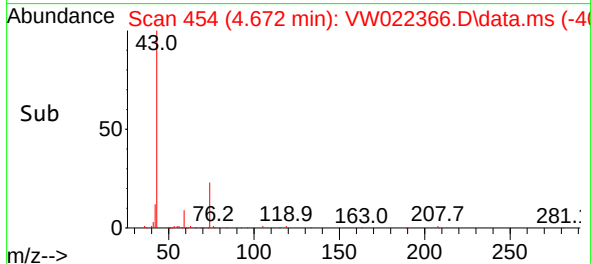
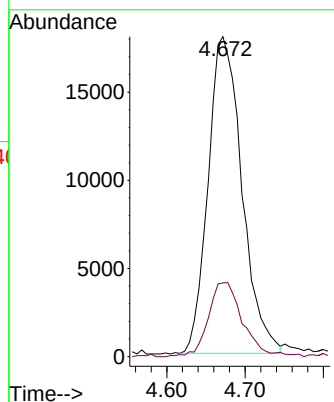
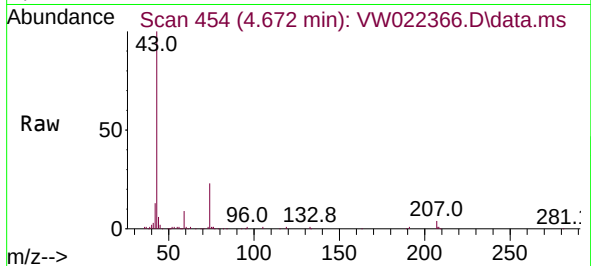




#15
Methyl Acetate
Concen: 24.457 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
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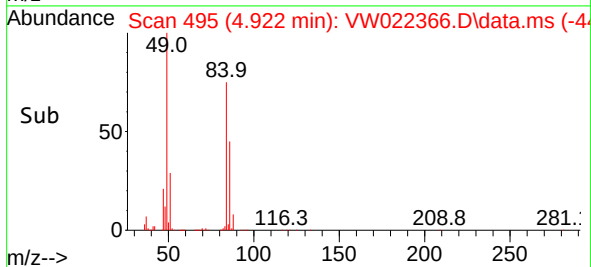
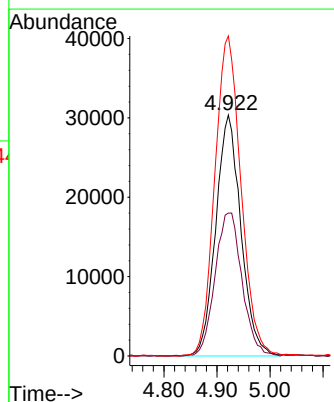
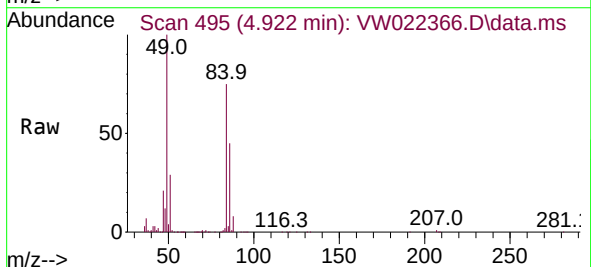
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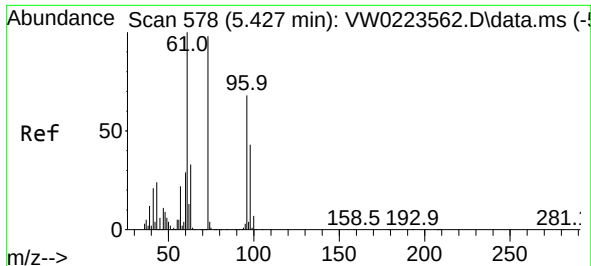
Tgt Ion: 43 Resp: 53931
Ion Ratio Lower Upper
43 100
74 23.2 23.0 34.6



#16
Methylene chloride
Concen: 21.644 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion: 84 Resp: 99911
Ion Ratio Lower Upper
84 100
86 59.3 45.8 85.0
49 132.8 73.8 137.0

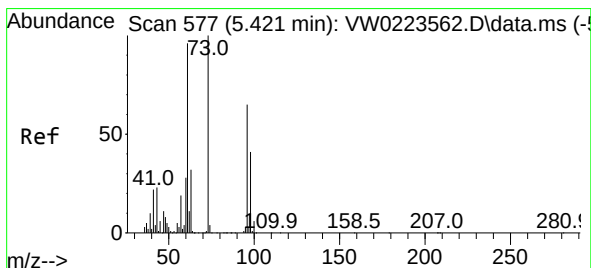
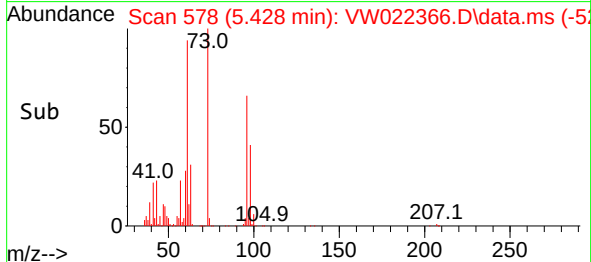
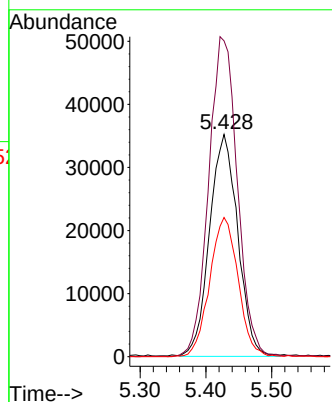
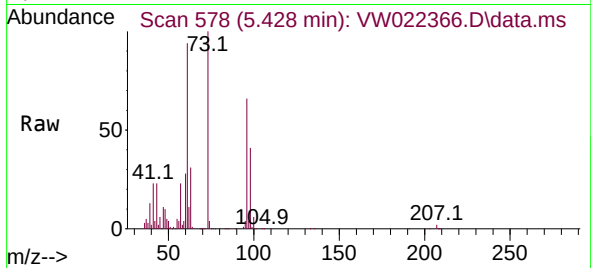




#17
trans-1,2-Dichloroethene
Concen: 22.843 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

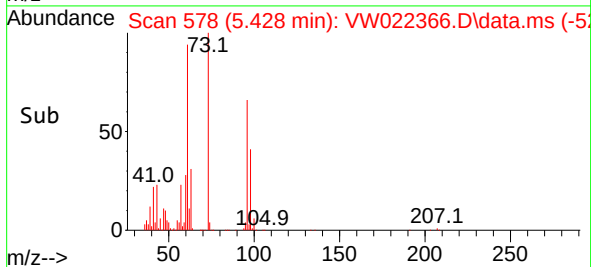
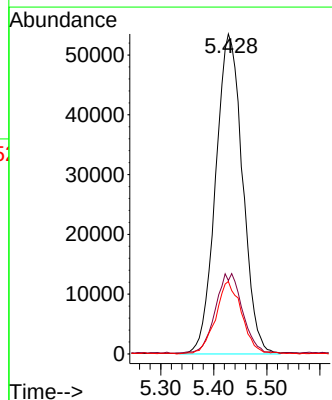
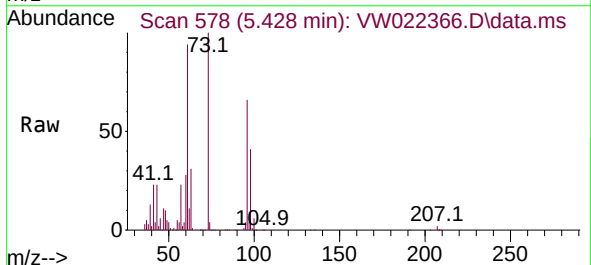
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

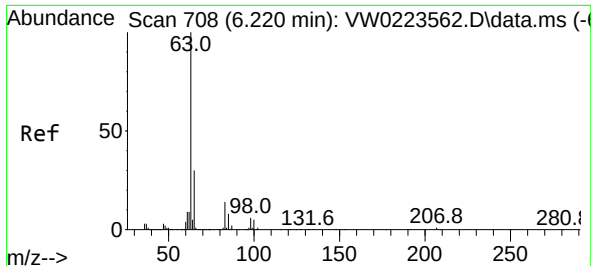
Tgt Ion: 96 Resp: 105075
Ion Ratio Lower Upper
96 100
61 142.1 87.3 162.1
98 62.6 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 23.520 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion: 73 Resp: 188575
Ion Ratio Lower Upper
73 100
43 12.6 15.4 23.2#
57 21.6 16.5 24.7





#19

1,1-Dichloroethane

Concen: 22.861 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW022366.D

Acq: 01 Apr 2022 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

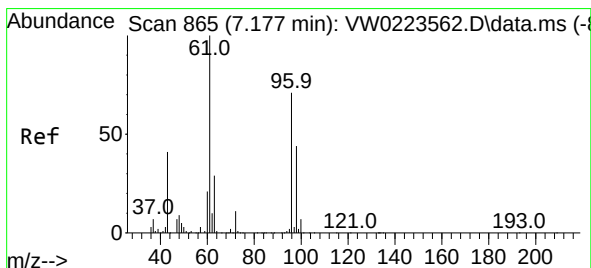
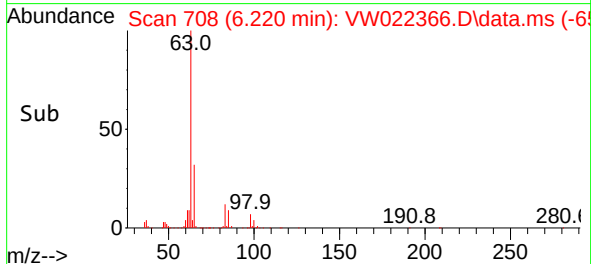
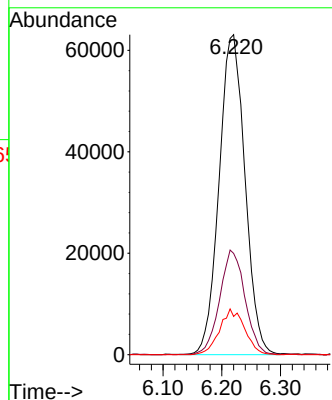
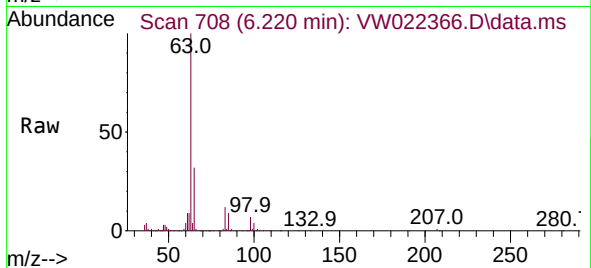
Tgt Ion: 63 Resp: 193107

Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.9

83 11.9 11.5 21.5



#22

2-Butanone

Concen: 49.820 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW022366.D

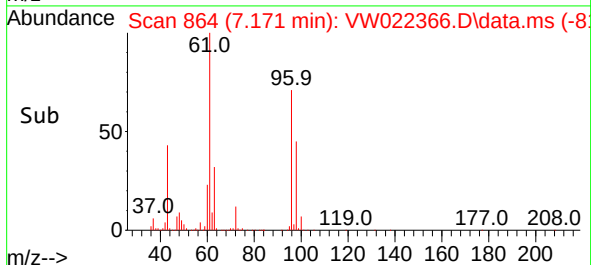
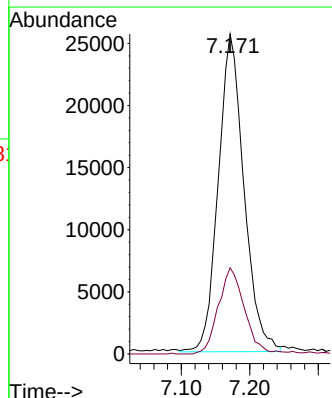
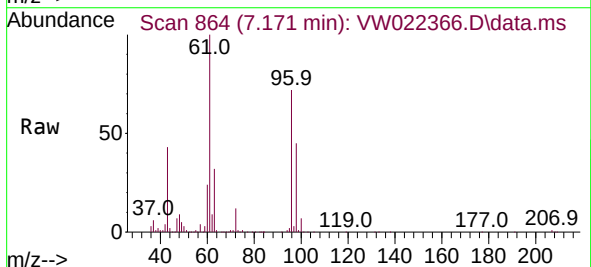
Acq: 01 Apr 2022 14:32

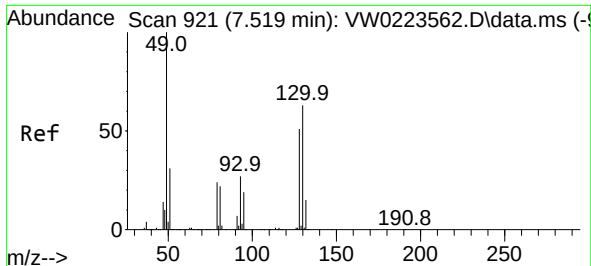
Tgt Ion: 43 Resp: 66430

Ion Ratio Lower Upper

43 100

72 27.2 17.0 51.0

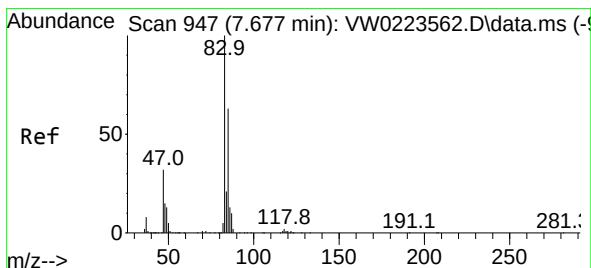
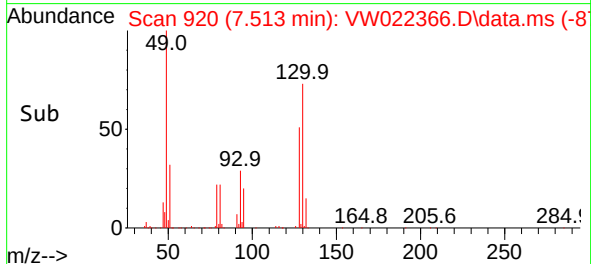
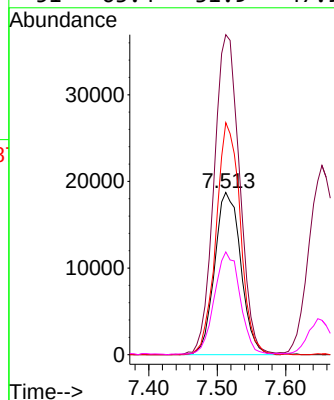
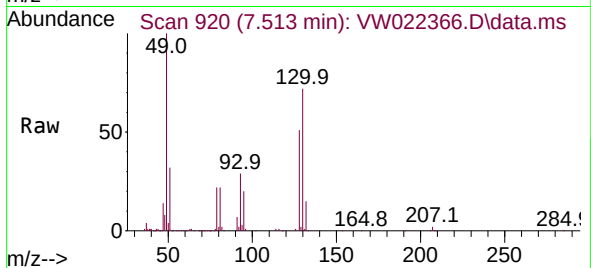




#23
Bromochloromethane
Concen: 23.078 ug/L
RT: 7.513 min Scan# 912
Delta R.T. -0.006 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

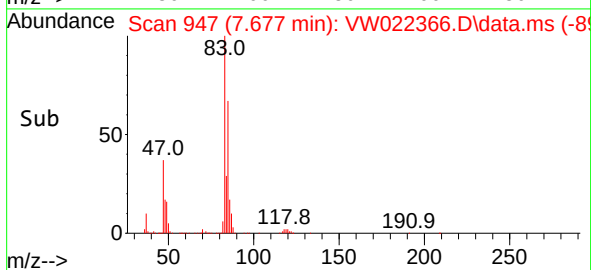
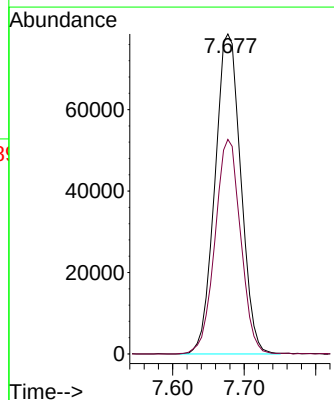
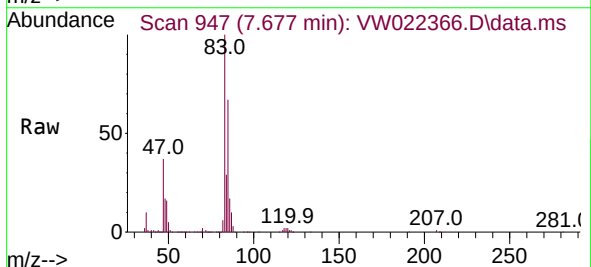
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

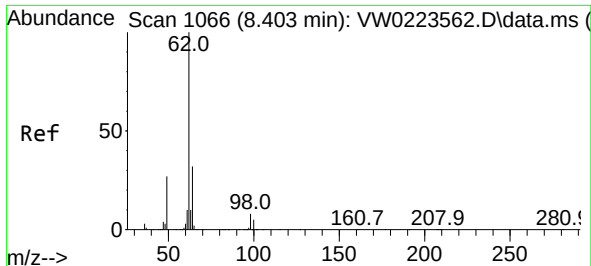
Tgt Ion:128 Resp: 49593
Ion Ratio Lower Upper
128 100
49 197.3 84.2 156.4#
130 143.0 84.8 157.4
51 63.4 31.9 47.9#



#25
Chloroform
Concen: 22.911 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion: 83 Resp: 197552
Ion Ratio Lower Upper
83 100
85 67.0 45.1 83.9





#27

1,2-Dichloroethane

Concen: 23.901 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW022366.D

Acq: 01 Apr 2022 14:32

Instrument :

MSVOA_W

ClientSampleId :

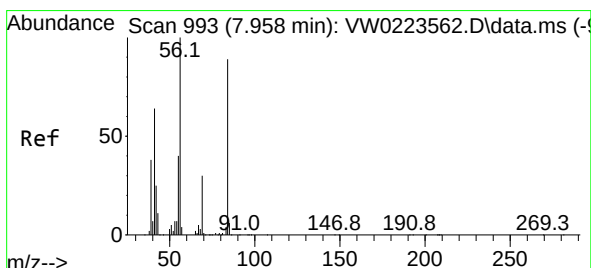
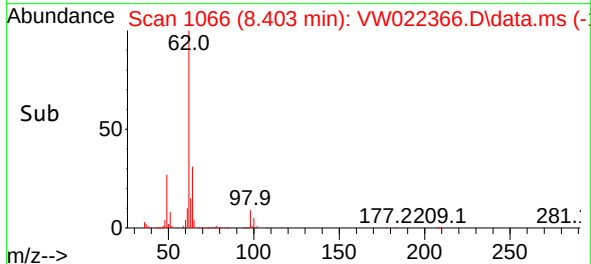
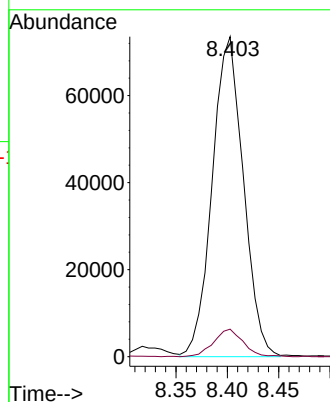
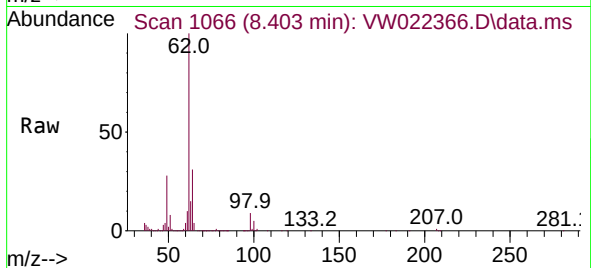
VSTD025589

Tgt Ion: 62 Resp: 154741

Ion Ratio Lower Upper

62 100

98 8.6 7.9 11.9



#29

Cyclohexane

Concen: 22.265 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022366.D

Acq: 01 Apr 2022 14:32

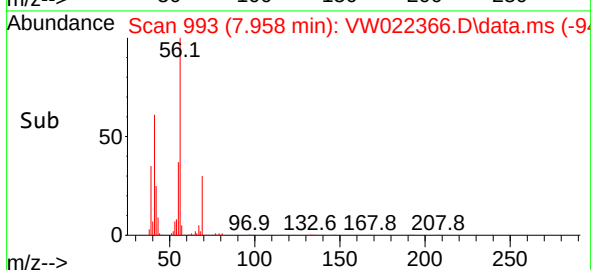
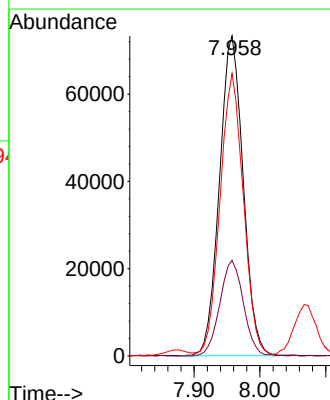
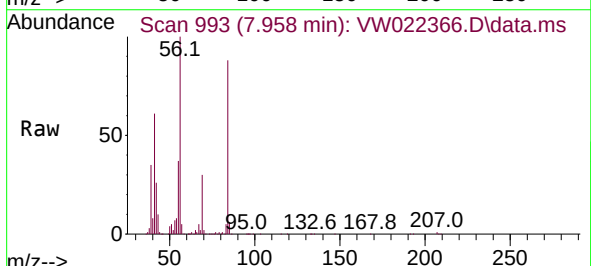
Tgt Ion: 56 Resp: 183983

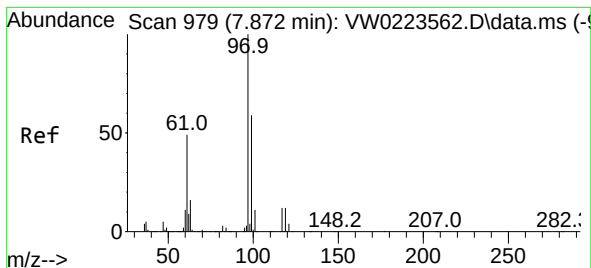
Ion Ratio Lower Upper

56 100

69 29.7 26.3 39.5

84 87.1 81.4 122.2





#30

1,1,1-Trichloroethane

Concen: 22.728 ug/L

RT: 7.872 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW022366.D

Acq: 01 Apr 2022 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

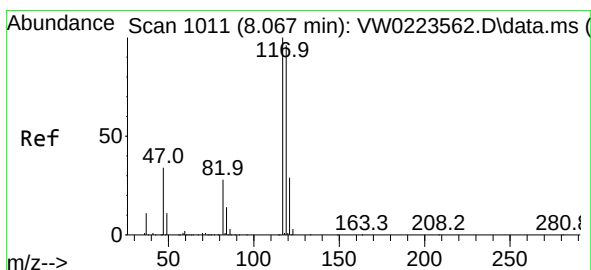
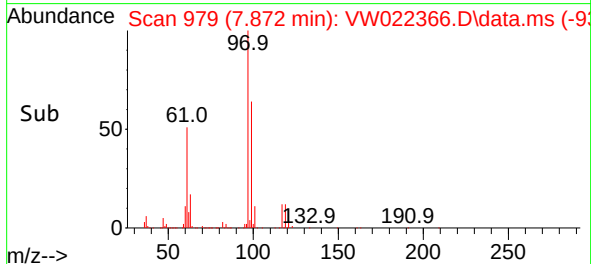
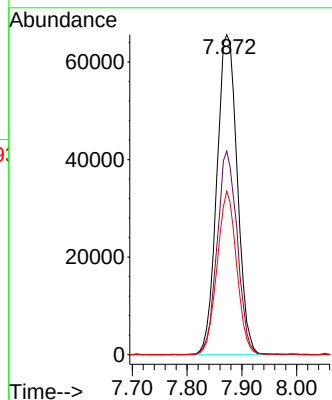
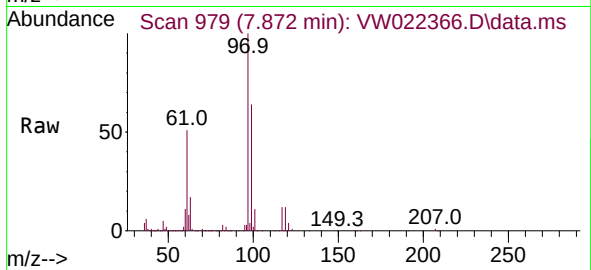
Tgt Ion: 97 Resp: 170074

Ion Ratio Lower Upper

97 100

99 62.6 52.6 78.8

61 48.9 33.0 49.6



#31

Carbon tetrachloride

Concen: 22.346 ug/L

RT: 8.073 min Scan# 1012

Delta R.T. 0.006 min

Lab File: VW022366.D

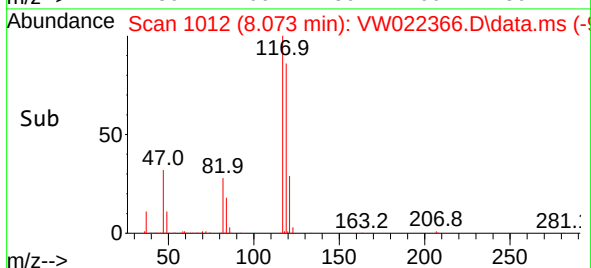
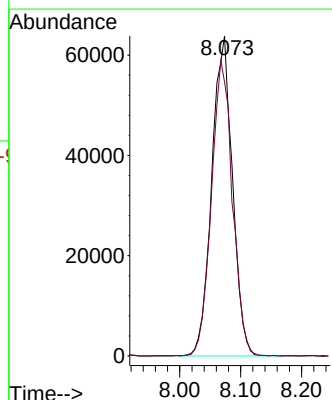
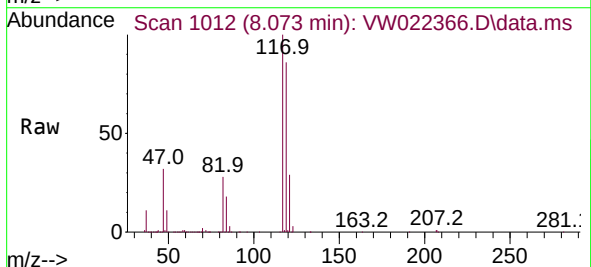
Acq: 01 Apr 2022 14:32

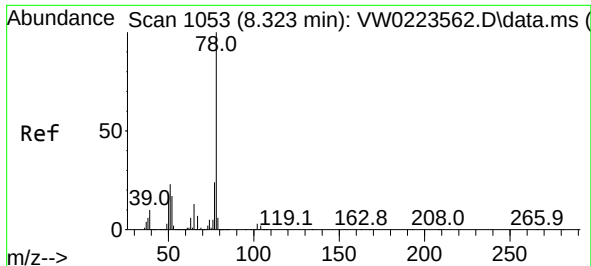
Tgt Ion: 117 Resp: 150618

Ion Ratio Lower Upper

117 100

119 93.9 76.7 115.1

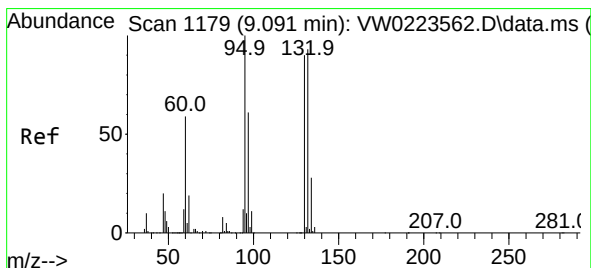
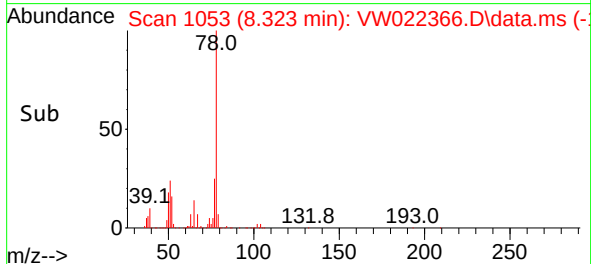
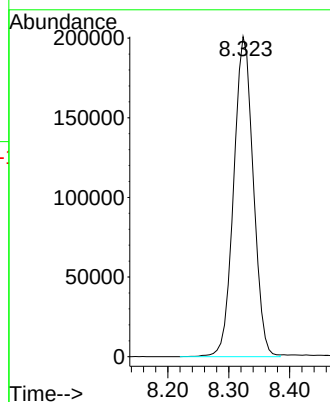
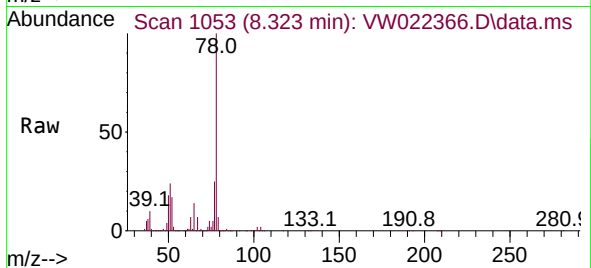




#33
Benzene
Concen: 23.058 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

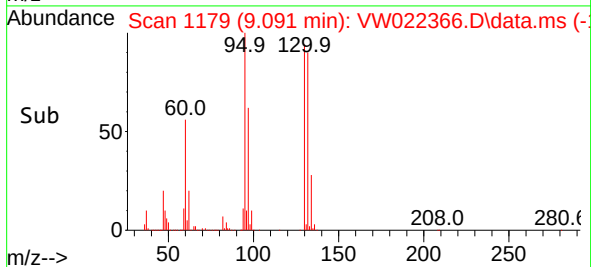
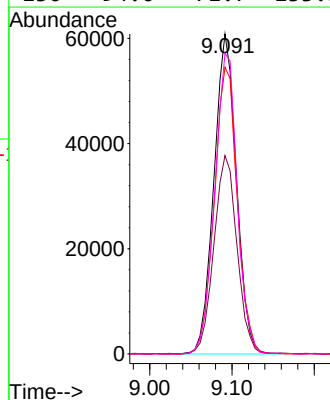
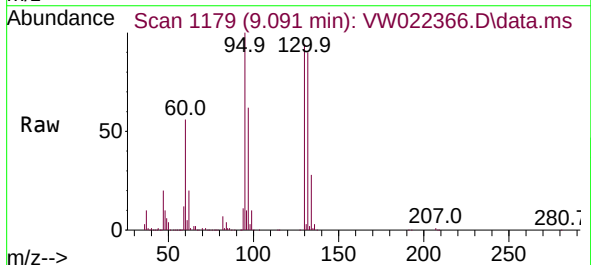
Tgt Ion: 78 Resp: 449261

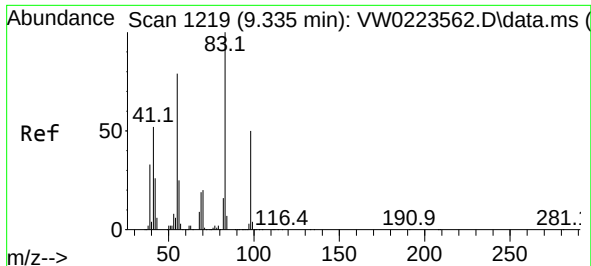


#34
Trichloroethene
Concen: 22.862 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion: 95 Resp: 115703

Ion	Ratio	Lower	Upper
95	100		
97	62.0	44.4	82.4
132	89.6	71.7	133.1
130	94.0	71.7	133.1

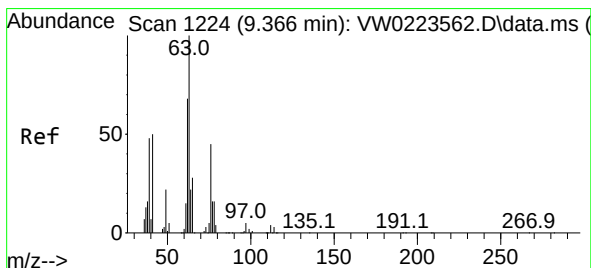
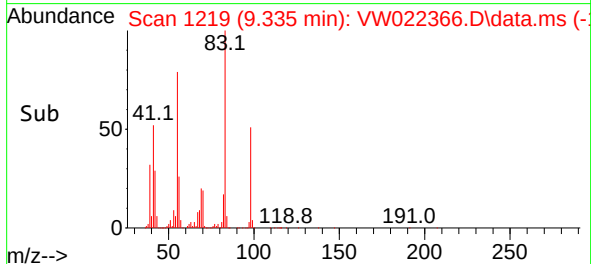
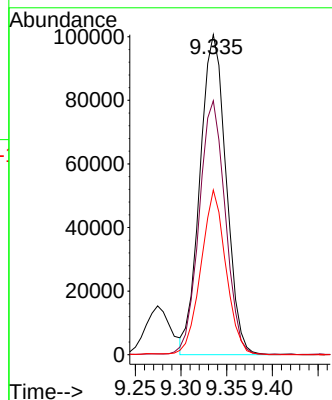
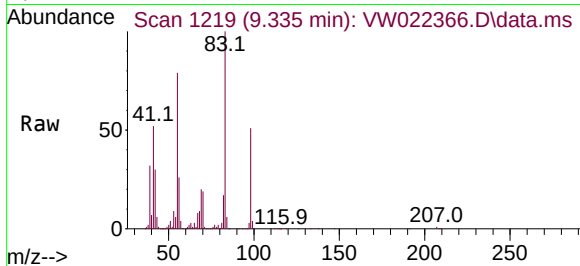




#35
Methylcyclohexane
Concen: 22.498 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

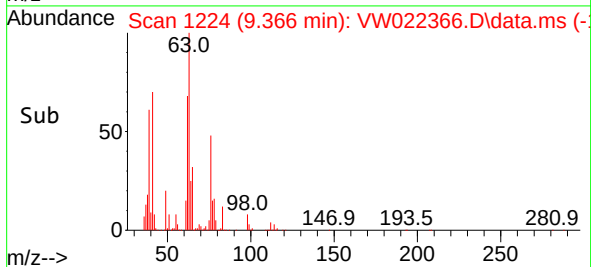
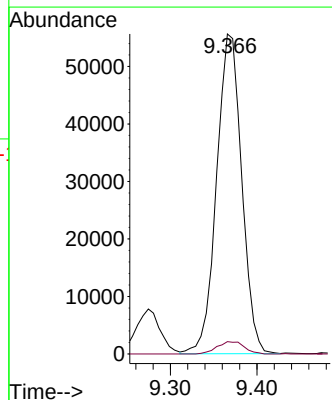
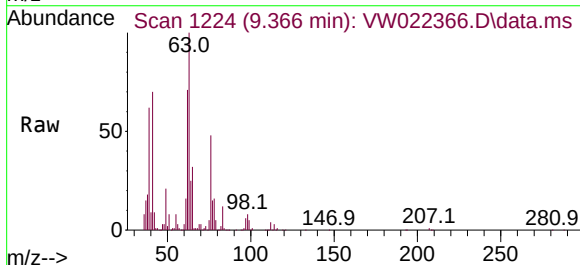
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

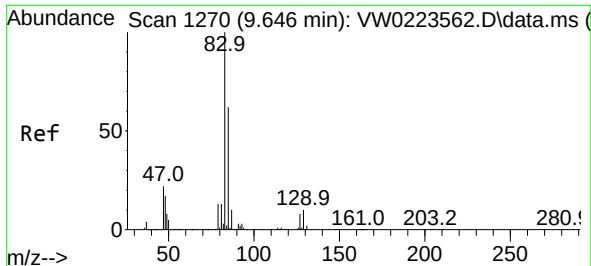
Tgt Ion: 83 Resp: 200450
Ion Ratio Lower Upper
83 100
55 78.8 53.8 80.8
98 49.0 42.1 63.1



#37
1,2-Dichloropropane
Concen: 23.230 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion: 63 Resp: 112163
Ion Ratio Lower Upper
63 100
112 4.2 4.1 6.1

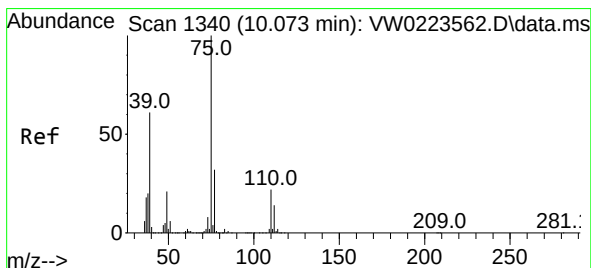
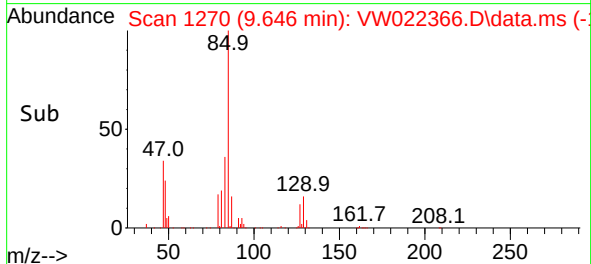
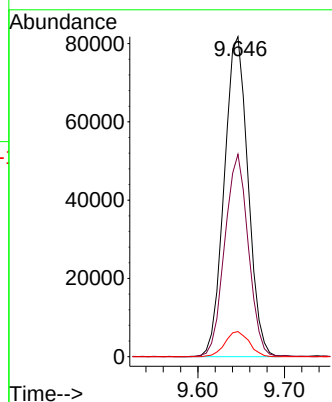
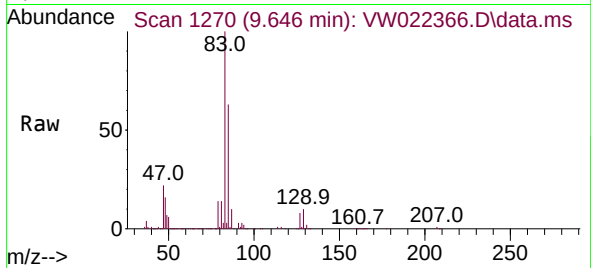




#38
Bromodichloromethane
Concen: 23.176 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

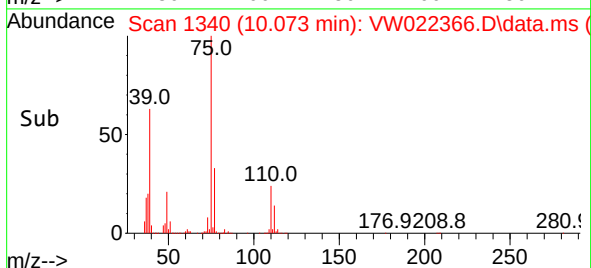
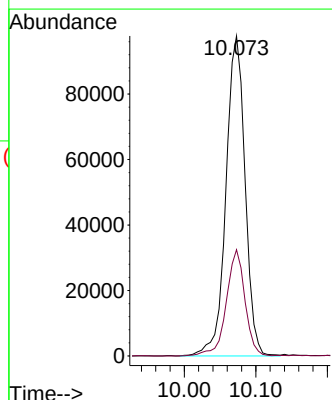
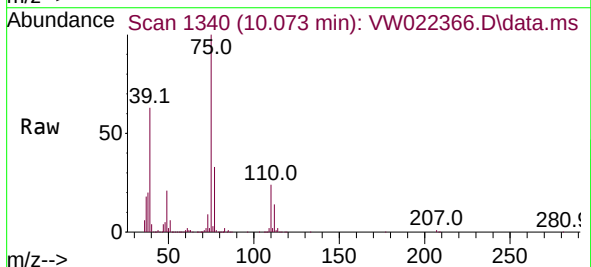
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

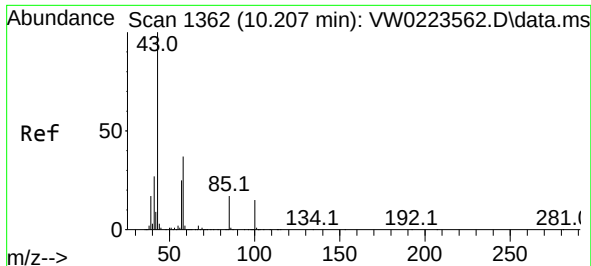
Tgt Ion: 83 Resp: 156069
Ion Ratio Lower Upper
83 100
85 63.3 47.9 89.1
127 7.9 7.5 11.3



#39
cis-1,3-Dichloropropene
Concen: 22.994 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion: 75 Resp: 181533
Ion Ratio Lower Upper
75 100
77 33.2 20.6 38.2





#40

4-Methyl-2-pentanone

Concen: 48.996 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022366.D

Acq: 01 Apr 2022 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

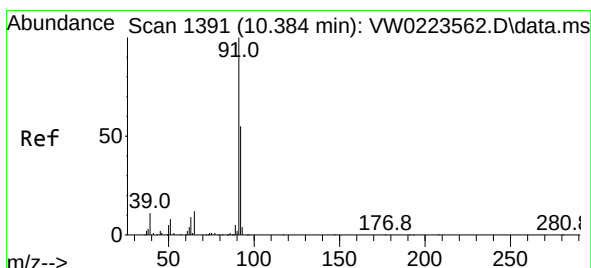
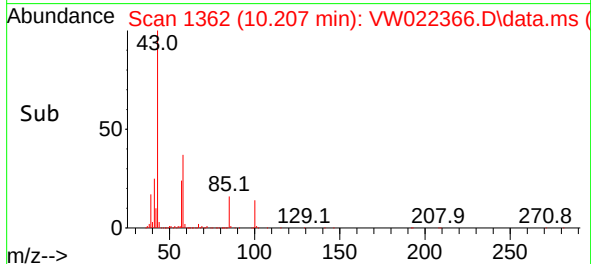
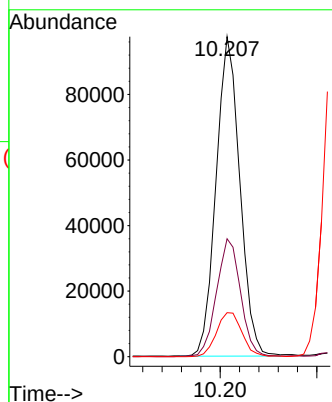
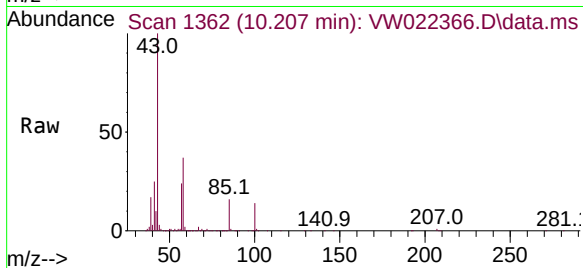
Tgt Ion: 43 Resp: 166355

Ion Ratio Lower Upper

43 100

58 37.3 33.2 49.8

100 14.8 16.1 24.1#



#42

Toluene

Concen: 23.056 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022366.D

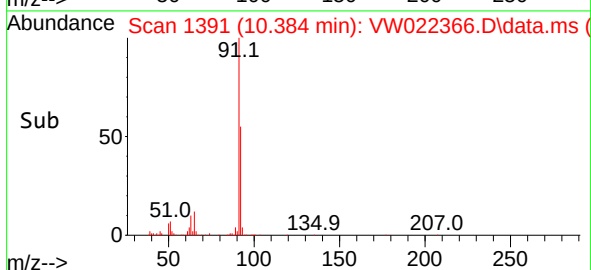
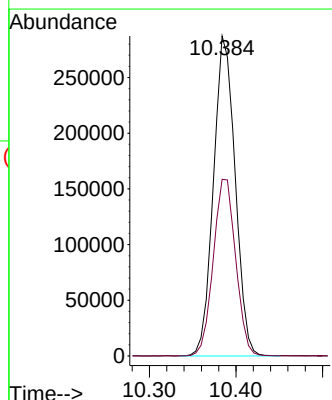
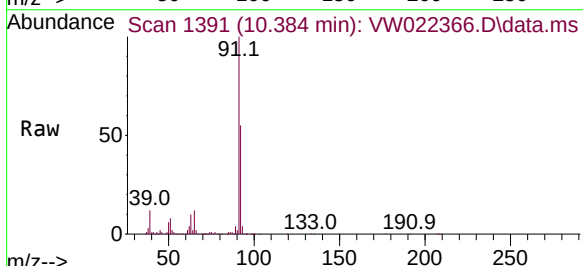
Acq: 01 Apr 2022 14:32

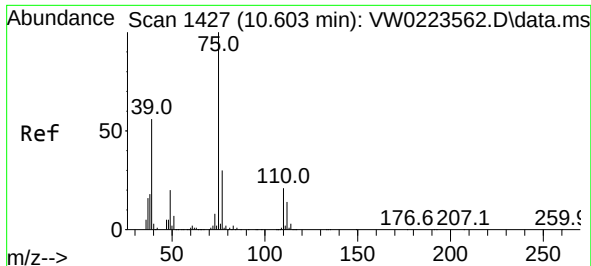
Tgt Ion: 91 Resp: 499647

Ion Ratio Lower Upper

91 100

92 55.2 40.4 75.0

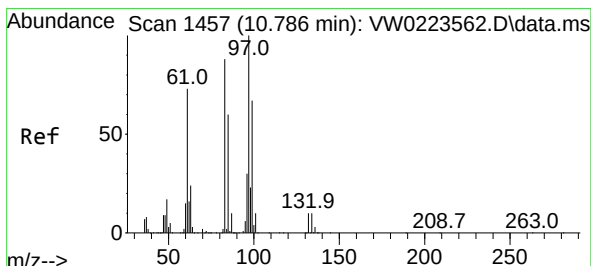
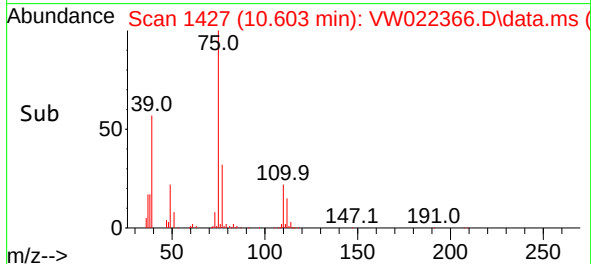
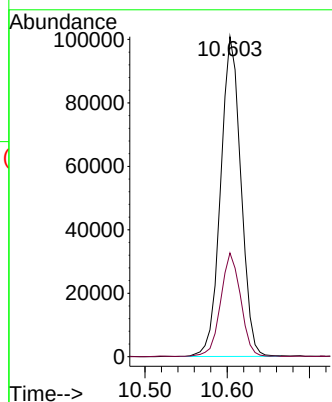
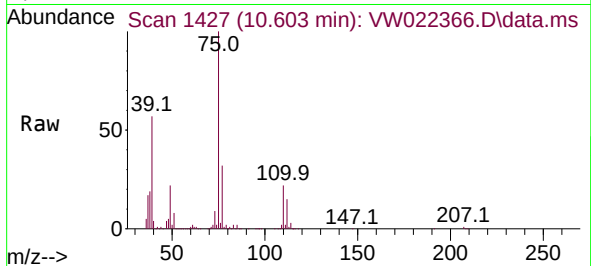




#44
trans-1,3-Dichloropropene
Concen: 23.620 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

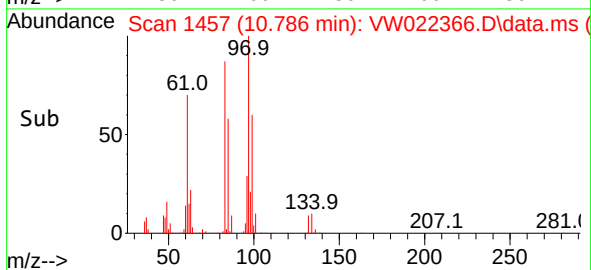
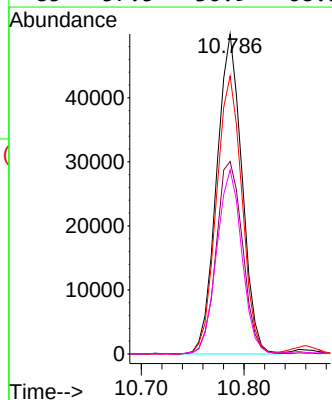
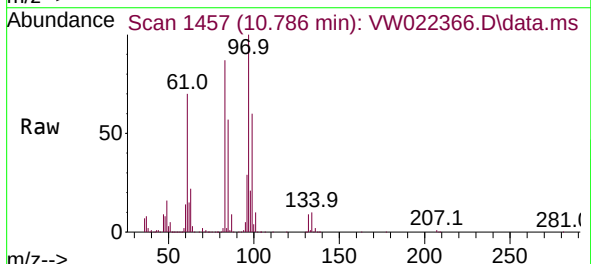
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

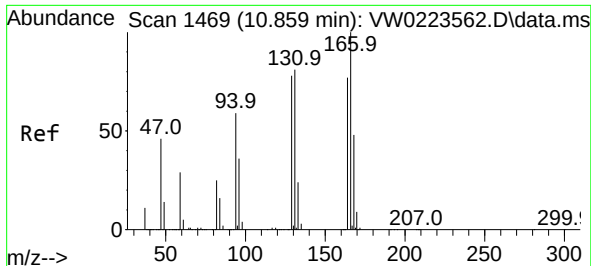
Tgt Ion: 75 Resp: 172706
Ion Ratio Lower Upper
75 100
77 32.4 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 23.688 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion: 97 Resp: 85540
Ion Ratio Lower Upper
97 100
99 60.2 43.5 80.7
83 86.8 53.5 99.3
85 57.5 36.9 68.5

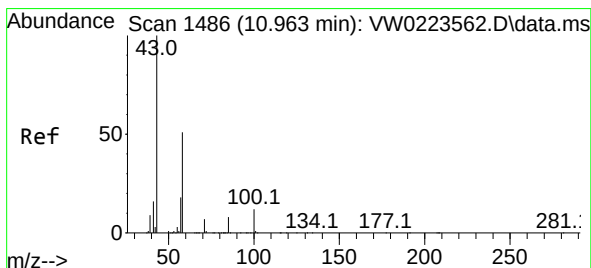
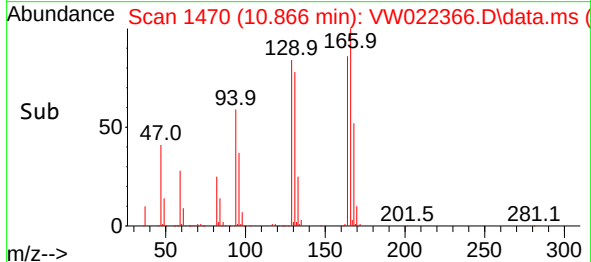
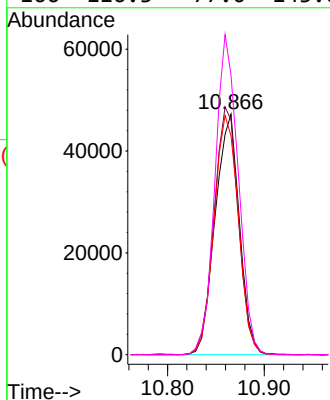
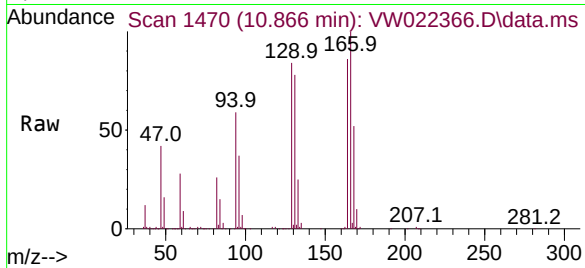




#46
Tetrachloroethene
Concen: 22.612 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

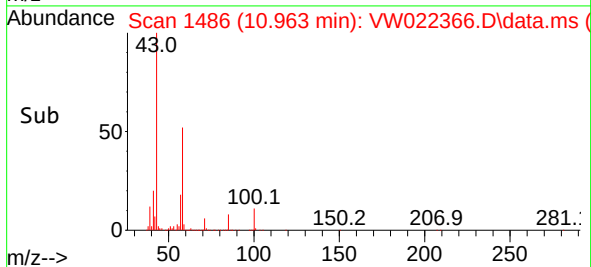
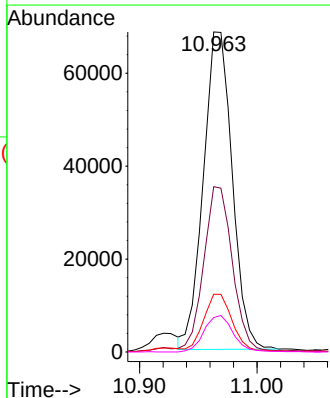
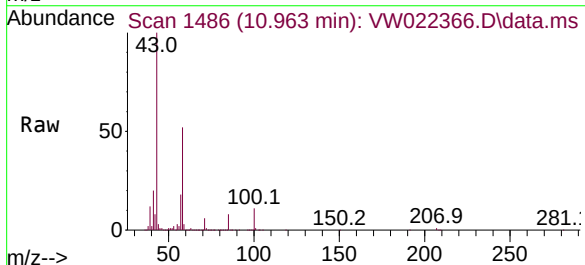
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

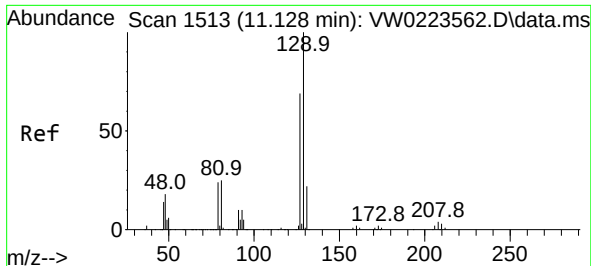
Tgt Ion:	164	Resp:	82064
Ion	Ratio	Lower	Upper
164	100		
129	97.7	60.3	111.9
131	91.0	59.9	111.3
166	116.3	77.0	143.0



#48
2-Hexanone
Concen: 48.679 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion:	43	Resp:	116682
Ion	Ratio	Lower	Upper
43	100		
58	51.8	44.6	66.8
57	18.1	15.8	23.8
100	11.6	12.7	19.1





#49

Dibromochloromethane

Concen: 23.021 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW022366.D

Acq: 01 Apr 2022 14:32

Instrument :

MSVOA_W

ClientSampleId :

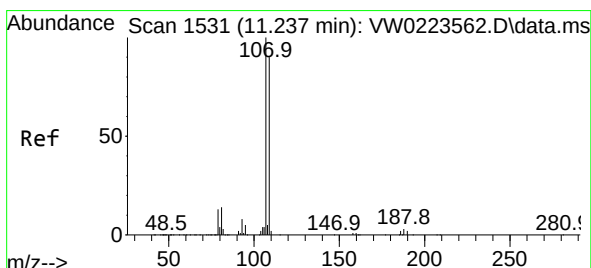
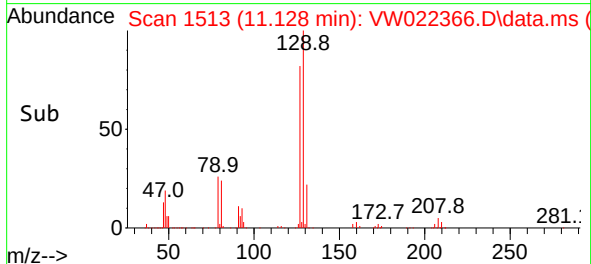
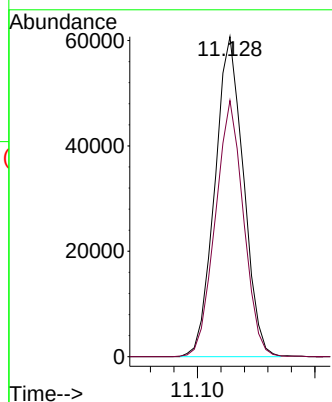
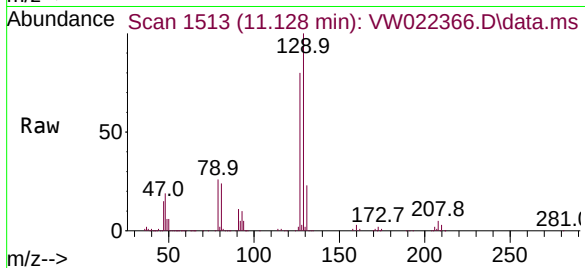
VSTD025589

Tgt Ion:129 Resp: 102916

Ion Ratio Lower Upper

129 100

127 80.1 54.5 101.1



#50

1,2-Dibromoethane

Concen: 23.490 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.006 min

Lab File: VW022366.D

Acq: 01 Apr 2022 14:32

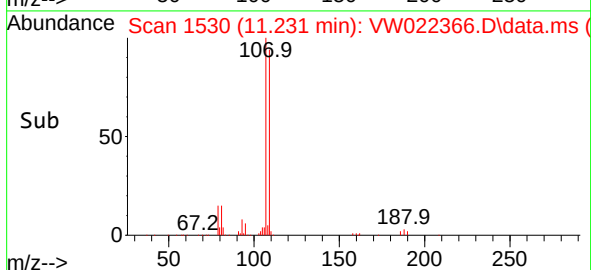
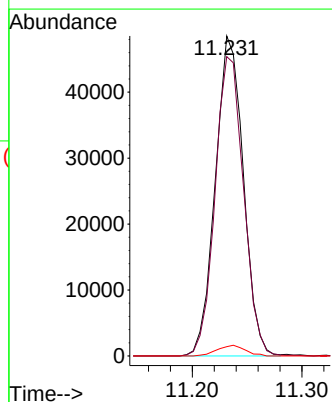
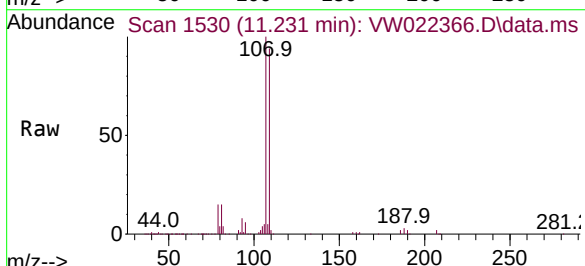
Tgt Ion:107 Resp: 86148

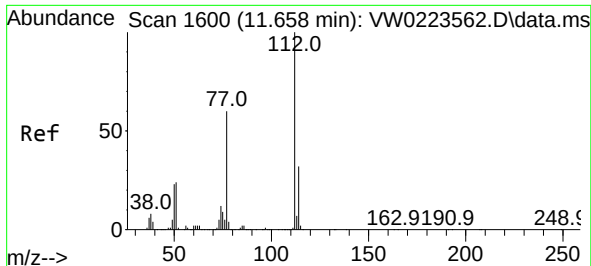
Ion Ratio Lower Upper

107 100

109 93.6 66.8 124.2

188 2.9 2.6 4.0

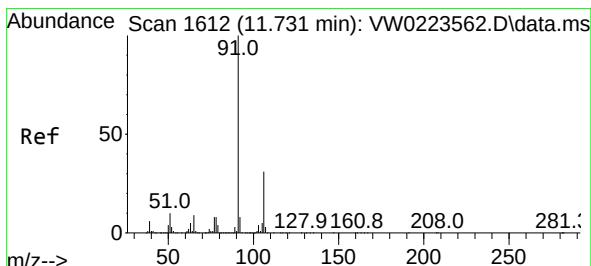
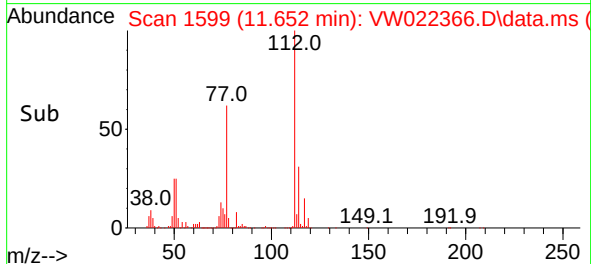
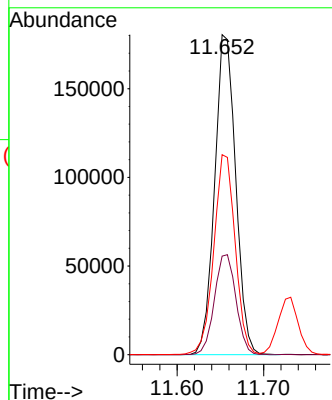
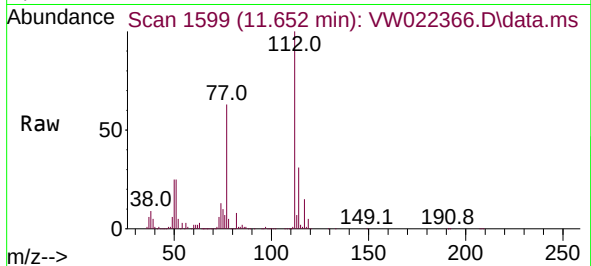




#51
Chlorobenzene
Concen: 22.734 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

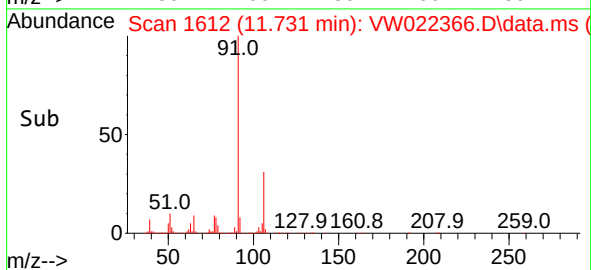
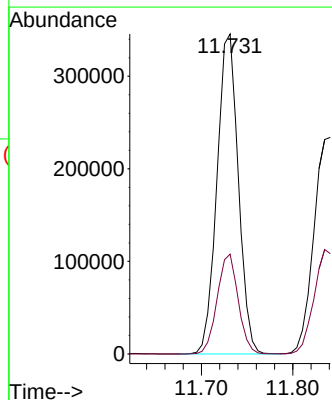
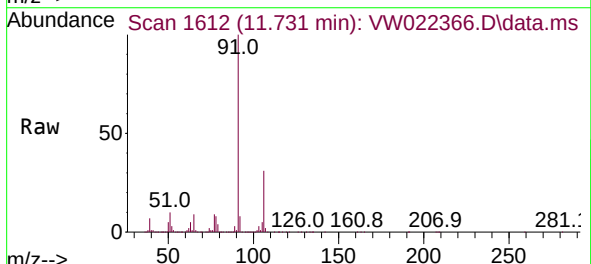
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

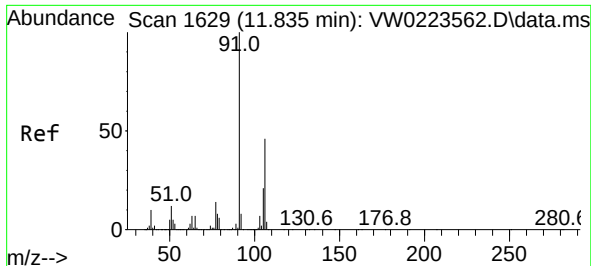
Tgt Ion:112 Resp: 304617
Ion Ratio Lower Upper
112 100
114 30.8 23.0 42.8
77 62.5 41.8 62.6



#52
Ethylbenzene
Concen: 23.361 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion: 91 Resp: 561518
Ion Ratio Lower Upper
91 100
106 31.2 22.8 42.4

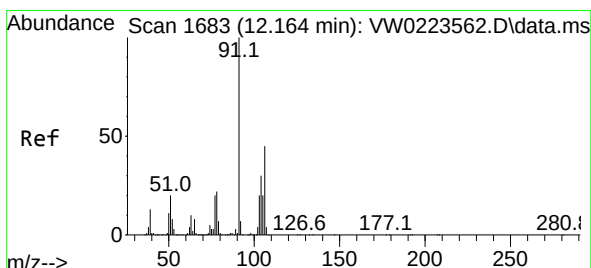
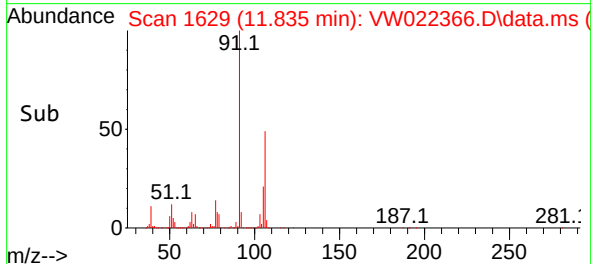
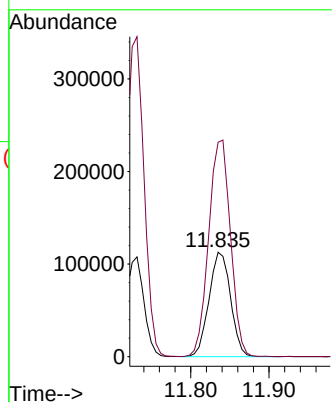
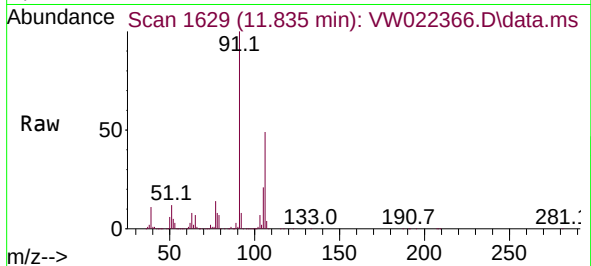




#53
m,p-Xylene
Concen: 23.487 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

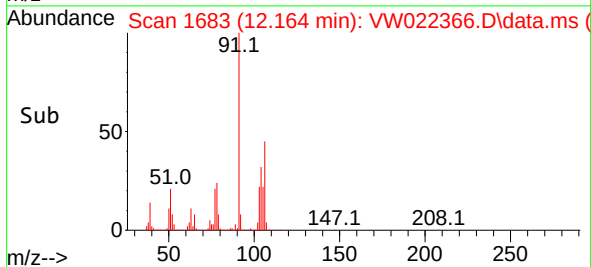
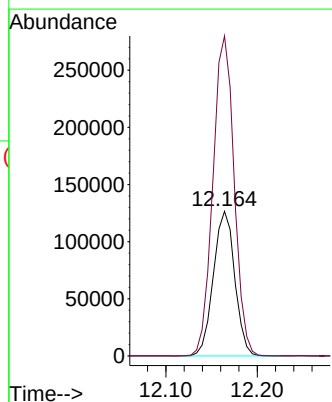
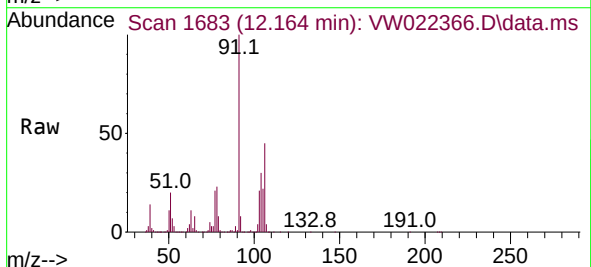
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

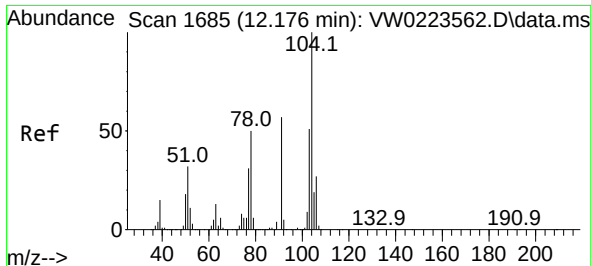
Tgt Ion:106 Resp: 215477
Ion Ratio Lower Upper
106 100
91 205.1 135.0 250.8



#54
o-Xylene
Concen: 23.112 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion:106 Resp: 205404
Ion Ratio Lower Upper
106 100
91 221.1 136.9 254.3

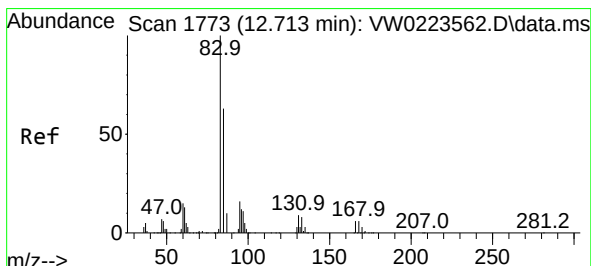
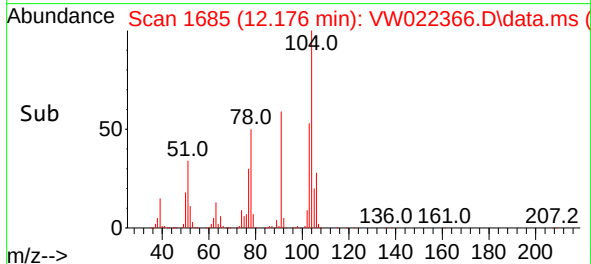
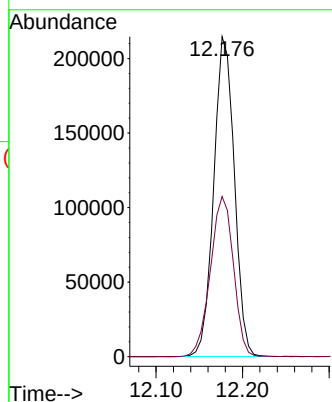
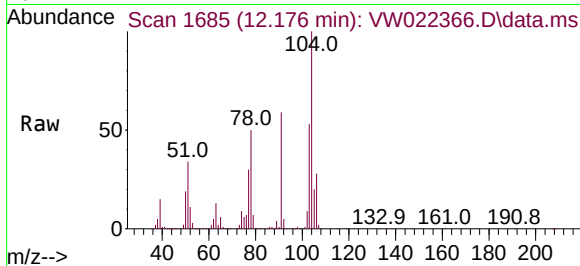




#55
Styrene
Concen: 22.945 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

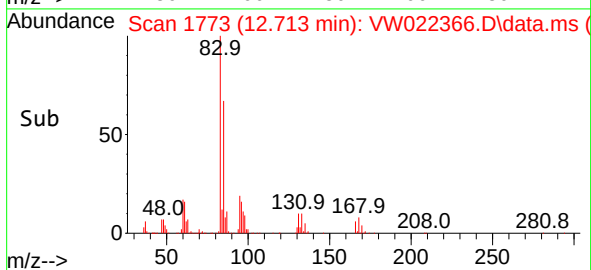
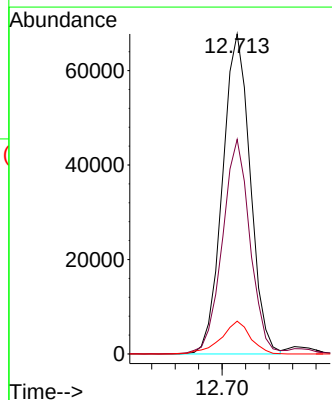
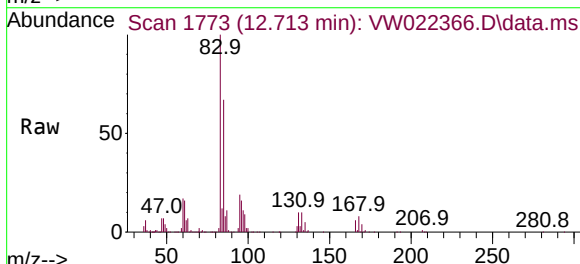
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

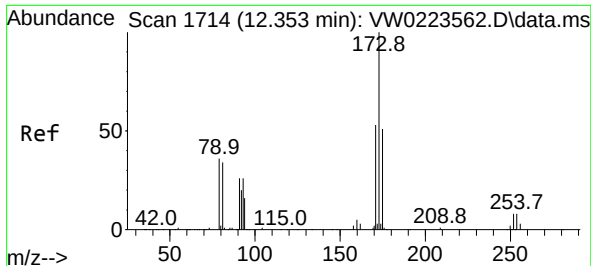
Tgt Ion:104 Resp: 354187
Ion Ratio Lower Upper
104 100
78 50.1 27.8 51.6



#57
1,1,2,2-Tetrachloroethane
Concen: 23.996 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion: 83 Resp: 110967
Ion Ratio Lower Upper
83 100
85 67.0 44.2 82.0
131 10.3 9.4 14.0

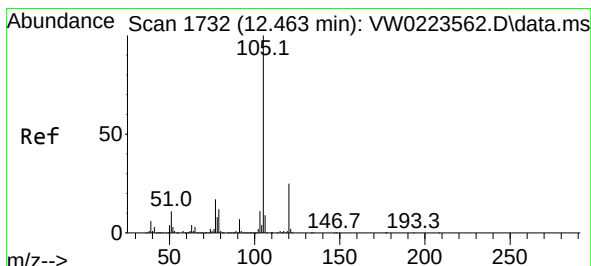
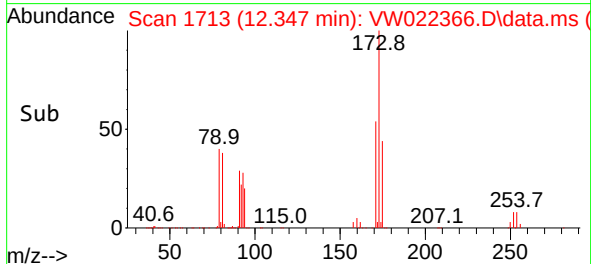
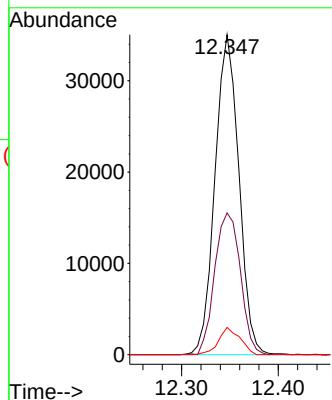
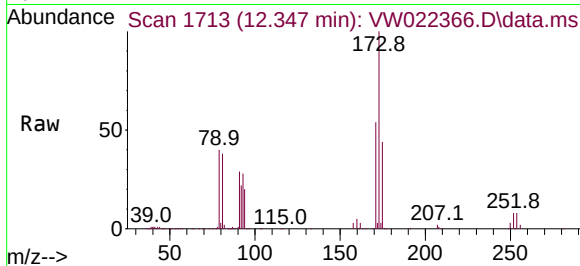




#59
Bromoform
Concen: 25.173 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

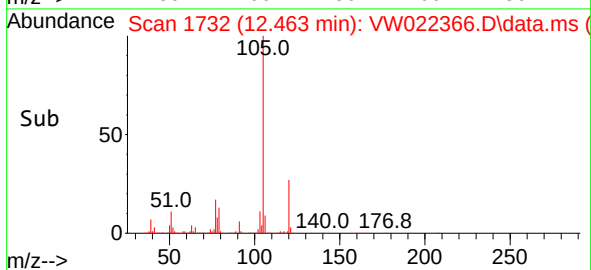
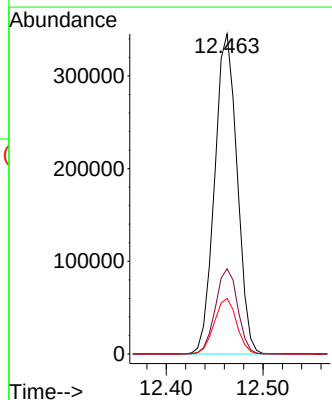
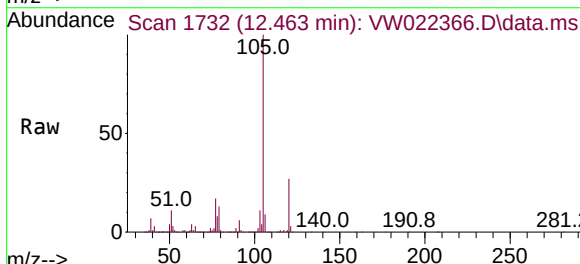
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

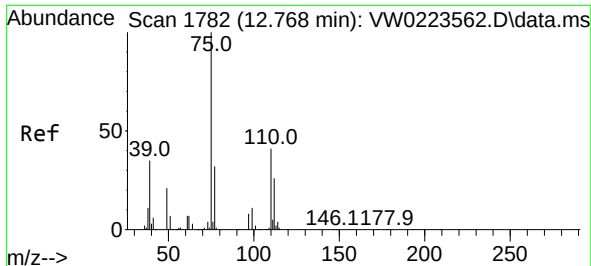
Tgt Ion:173 Resp: 60000
Ion Ratio Lower Upper
173 100
175 47.5 38.2 57.4
254 7.7 5.0 7.6#



#60
Isopropylbenzene
Concen: 23.181 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion:105 Resp: 556978
Ion Ratio Lower Upper
105 100
120 26.3 22.1 33.1
77 17.3 12.0 18.0





#61

1,2,3-Trichloropropane

Concen: 23.820 ug/L

RT: 12.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022366.D

Acq: 01 Apr 2022 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

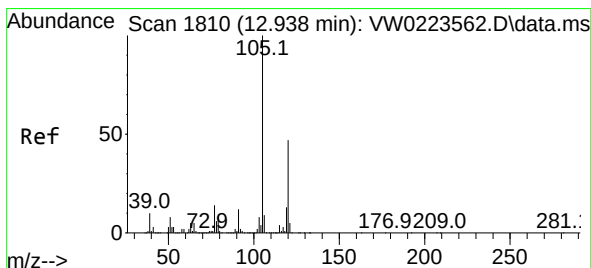
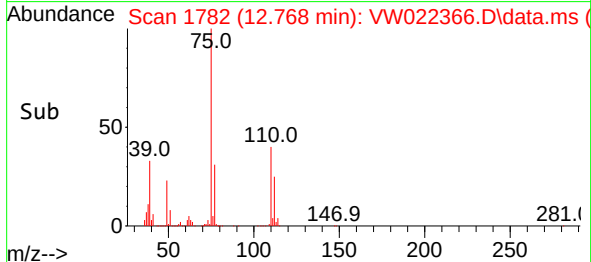
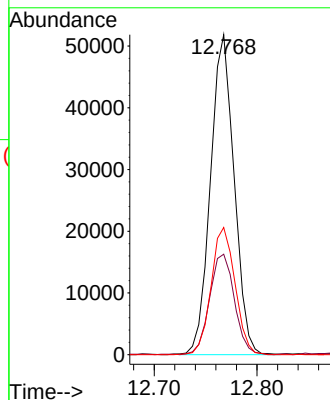
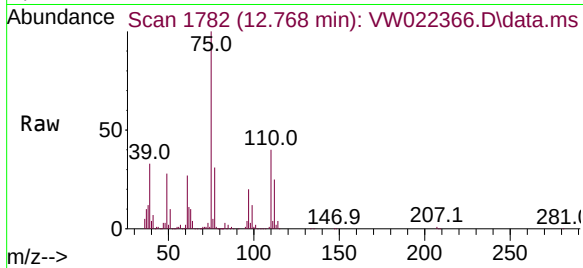
Tgt Ion: 75 Resp: 82811

Ion Ratio Lower Upper

75 100

77 33.0 27.1 40.7

110 40.2 36.7 55.1



#62

1,3,5-Trimethylbenzene

Concen: 23.442 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022366.D

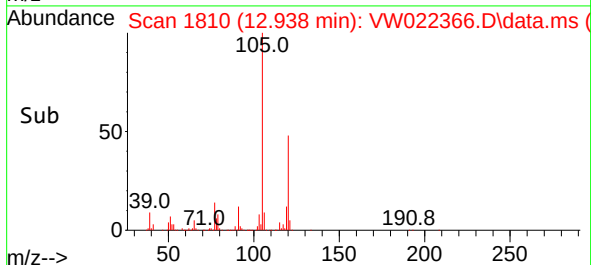
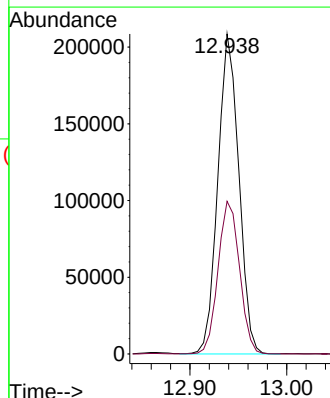
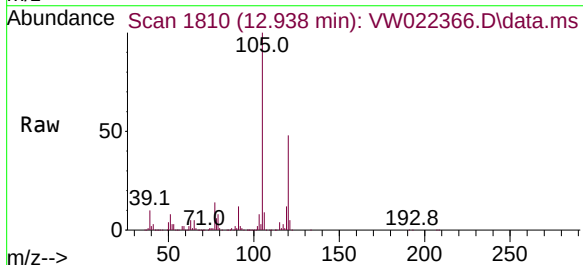
Acq: 01 Apr 2022 14:32

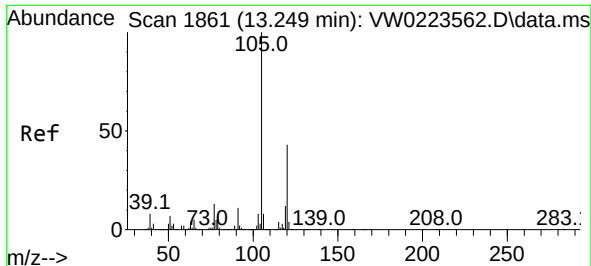
Tgt Ion: 105 Resp: 314038

Ion Ratio Lower Upper

105 100

120 48.9 41.5 62.3

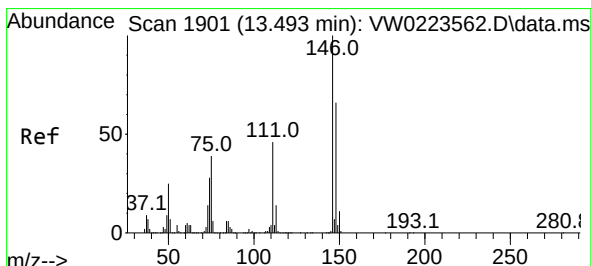
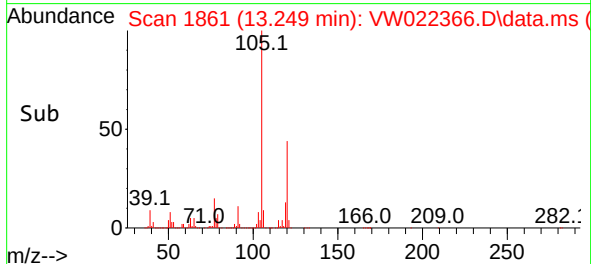
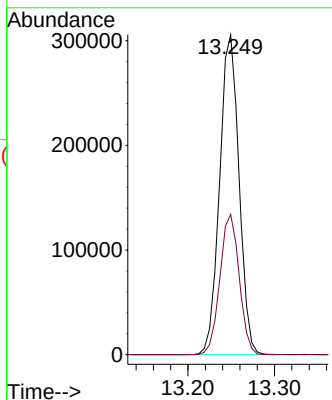
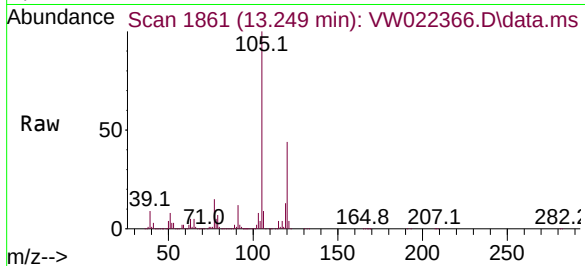




#63
 1,2,4-Trimethylbenzene
 Concen: 23.627 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022366.D
 Acq: 01 Apr 2022 14:32

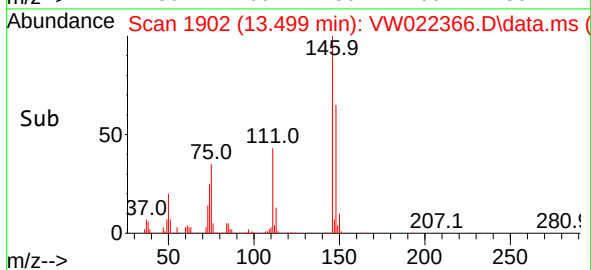
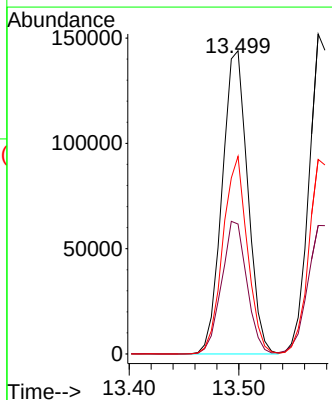
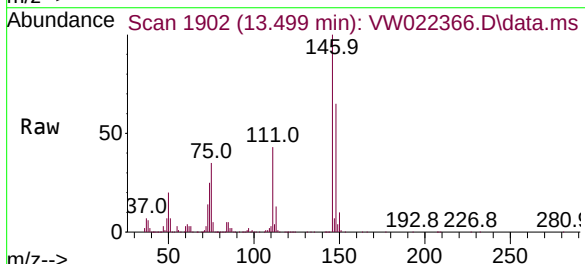
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

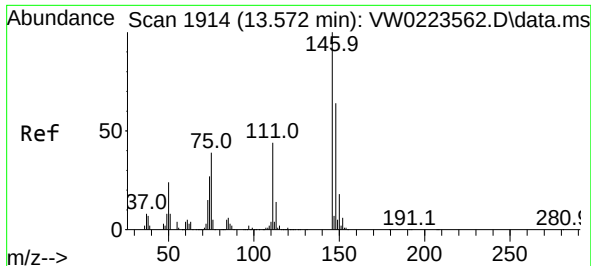
Tgt Ion:105 Resp: 475058
 Ion Ratio Lower Upper
 105 100
 120 43.6 39.2 58.8



#64
 1,3-Dichlorobenzene
 Concen: 24.510 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.006 min
 Lab File: VW022366.D
 Acq: 01 Apr 2022 14:32

Tgt Ion:146 Resp: 233408
 Ion Ratio Lower Upper
 146 100
 111 42.9 26.9 49.9
 148 65.2 41.6 77.2

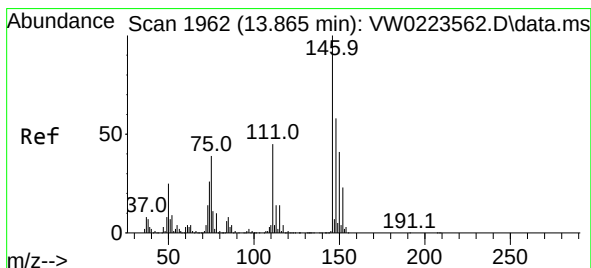
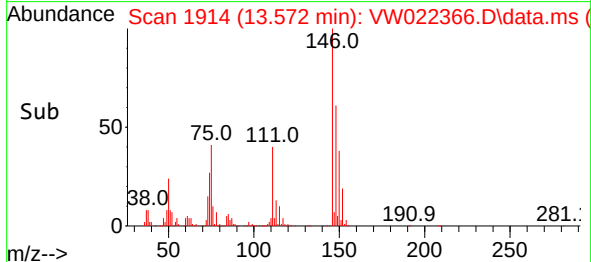
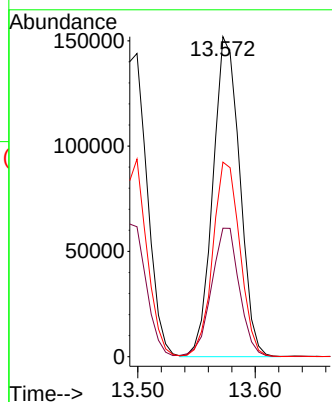
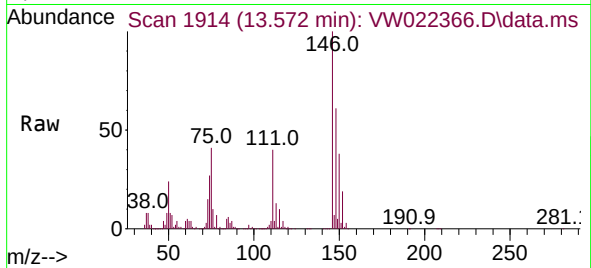




#65
1,4-Dichlorobenzene
Concen: 24.162 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

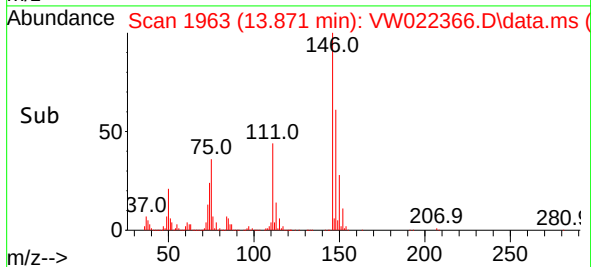
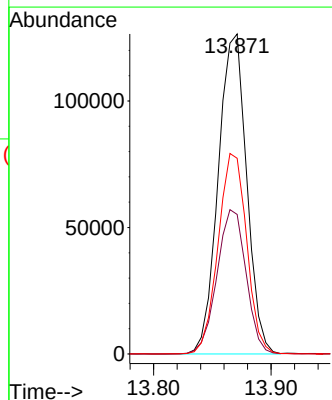
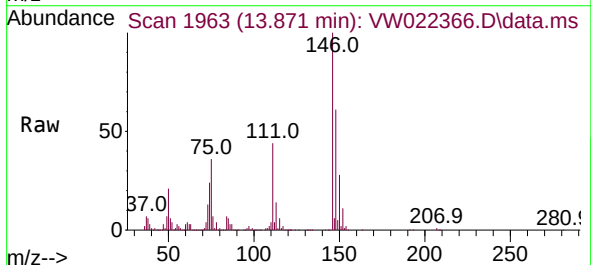
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

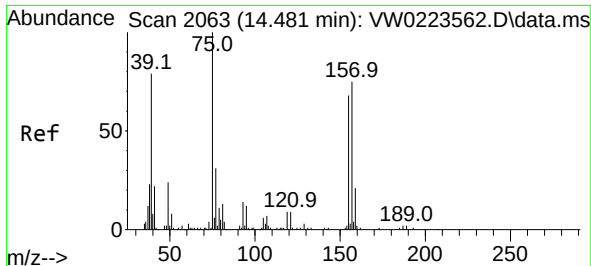
Tgt Ion:146 Resp: 241452
Ion Ratio Lower Upper
146 100
111 40.1 27.5 51.1
148 60.8 42.9 79.7



#67
1,2-Dichlorobenzene
Concen: 24.289 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion:146 Resp: 212803
Ion Ratio Lower Upper
146 100
111 43.6 34.8 52.2
148 61.1 50.4 75.6





#68

1,2-Dibromo-3-chloropropane

Concen: 23.266 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022366.D

Acq: 01 Apr 2022 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

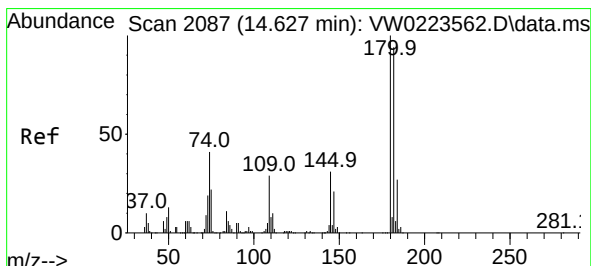
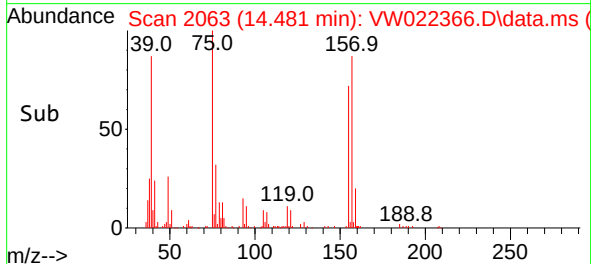
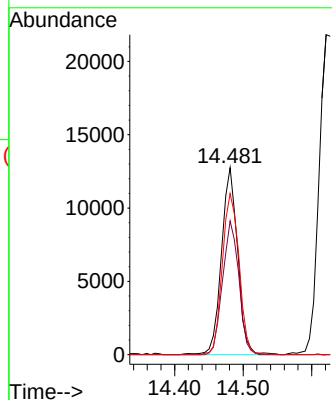
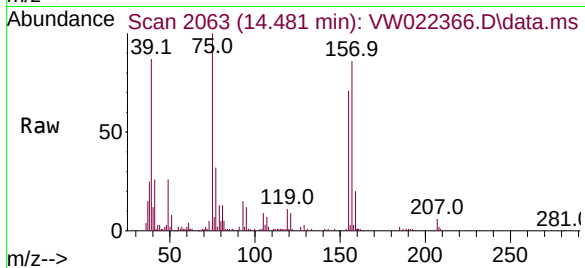
Tgt Ion: 75 Resp: 20844

Ion Ratio Lower Upper

75 100

155 71.5 58.2 87.2

157 86.1 80.5 120.7



#69

1,3,5-Trichlorobenzene

Concen: 24.011 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW022366.D

Acq: 01 Apr 2022 14:32

Tgt Ion: 180 Resp: 154868

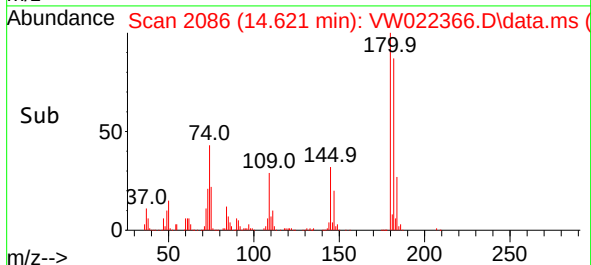
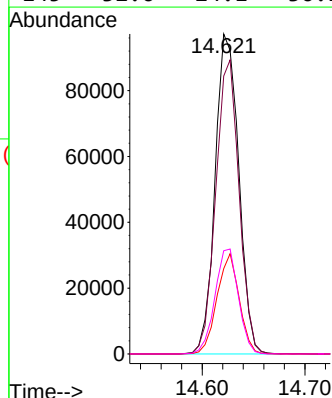
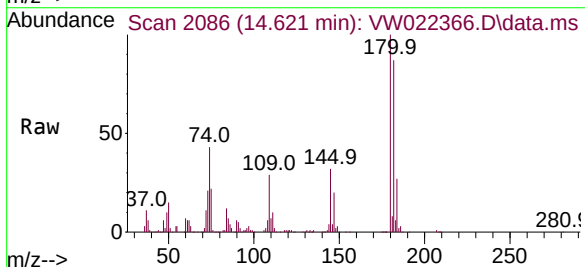
Ion Ratio Lower Upper

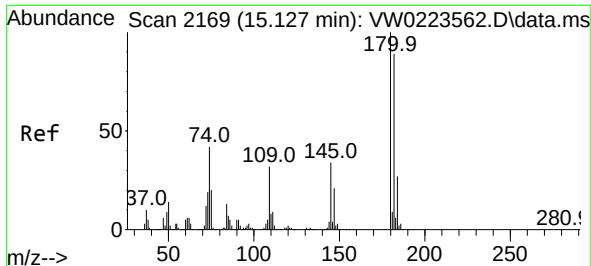
180 100

182 90.8 69.4 104.0

184 29.5 21.8 32.8

145 32.6 24.1 36.1

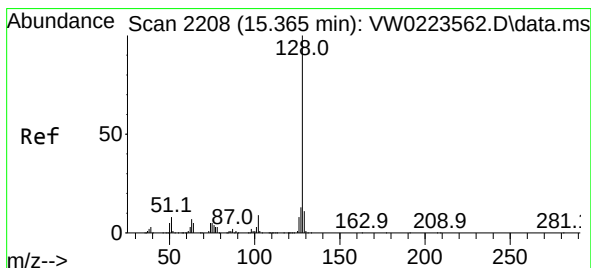
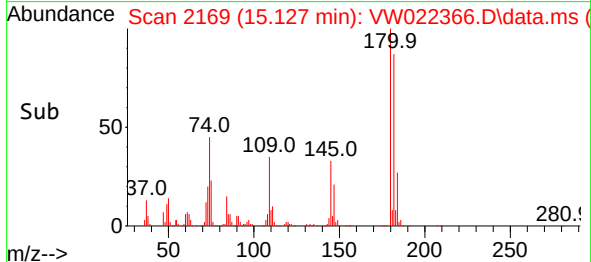
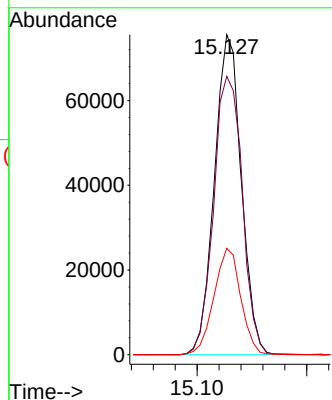
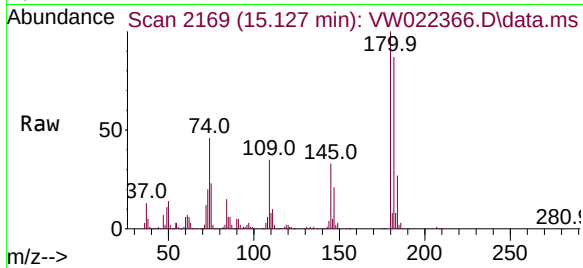




#70
1,2,4-trichlorobenzene
Concen: 24.362 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

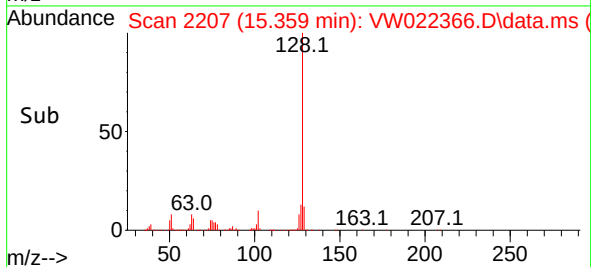
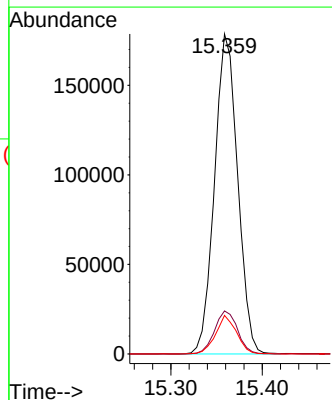
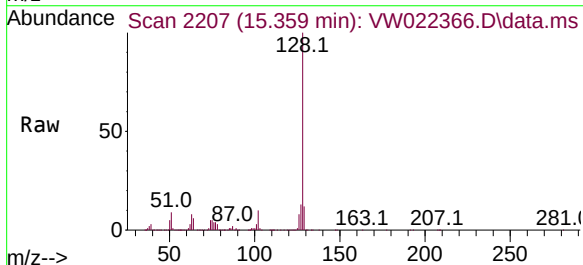
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

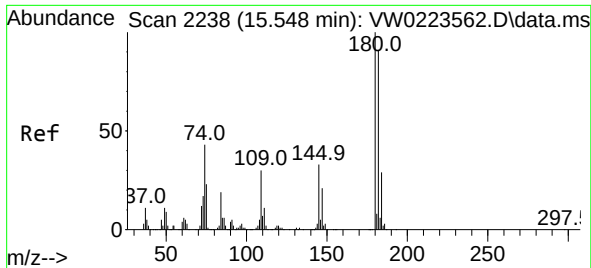
Tgt Ion:180 Resp: 128828
Ion Ratio Lower Upper
180 100
182 92.5 77.8 116.6
145 33.1 25.8 38.6



#71
Naphthalene
Concen: 25.626 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW022366.D
Acq: 01 Apr 2022 14:32

Tgt Ion:128 Resp: 314153
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.6
129 10.9 8.9 13.3





#72

1,2,3-Trichlorobenzene

Concen: 25.113 ug/L

RT: 15.548 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW022366.D

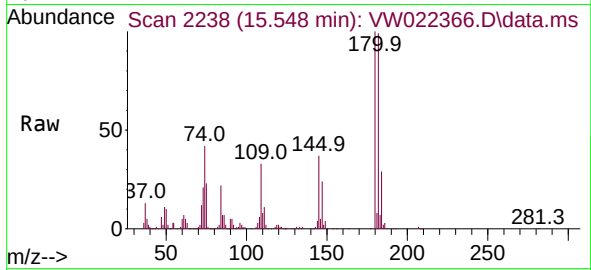
Acq: 01 Apr 2022 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589



Tgt Ion:180 Resp: 116318

Ion Ratio Lower Upper

180 100

182 94.5 79.0 118.4

145 34.7 28.0 42.0

