

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060822\
 Data File : VW023422.D
 Acq On : 08 Jun 2022 09:32
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Quant Time: Jun 09 00:37:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 08 01:20:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	356417	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	347740	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	196905	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	134108	24.308	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.240%
7) Chloroethane-d5	2.885	69	99434	25.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.320%
11) 1,1-Dichloroethene-d2	4.025	63	195710	23.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.480%
21) 2-Butanone-d5	7.074	46	57387	53.935	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.860%
24) Chloroform-d	7.647	84	237919	24.755	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.040%
26) 1,2-Dichloroethane-d4	8.305	65	128516	25.456	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.840%
32) Benzene-d6	8.275	84	453502	23.493	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.960%
36) 1,2-Dichloropropane-d6	9.274	67	130397	24.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	10.323	98	438024	23.826	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.320%
43) trans-1,3-Dichloroprop...	10.579	79	57962	24.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.040%
47) 2-Hexanone-d5	10.921	63	43871	54.171	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.340%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	126660	27.361	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	158662	22.262	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	34481	29.390	ug/L	95
3) Chloromethane	2.215	50	114448	27.667	ug/L	100
5) Vinyl chloride	2.361	62	182695	28.837	ug/L	99
6) Bromomethane	2.782	94	90914	26.107	ug/L	100
8) Chloroethane	2.922	64	88545	28.551	ug/L	96
9) Trichlorofluoromethane	3.257	101	84006	24.168	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	119492	26.164	ug/L	97
12) 1,1-Dichloroethene	4.038	96	103198	25.325	ug/L	96
13) Acetone	4.117	43	41823	52.406	ug/L	98
14) Carbon disulfide	4.379	76	331311	25.367	ug/L	100
15) Methyl Acetate	4.672	43	47562	27.135	ug/L	96
16) Methylene chloride	4.909	84	119956	23.365	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	124510	25.641	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	192254	27.321	ug/L	98
19) 1,1-Dichloroethane	6.214	63	218983	26.966	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	132065	26.002	ug/L #	94
22) 2-Butanone	7.171	43	70098	60.358	ug/L	100
23) Bromochloromethane	7.513	128	60378	25.343	ug/L	98
25) Chloroform	7.677	83	243549	27.081	ug/L	97

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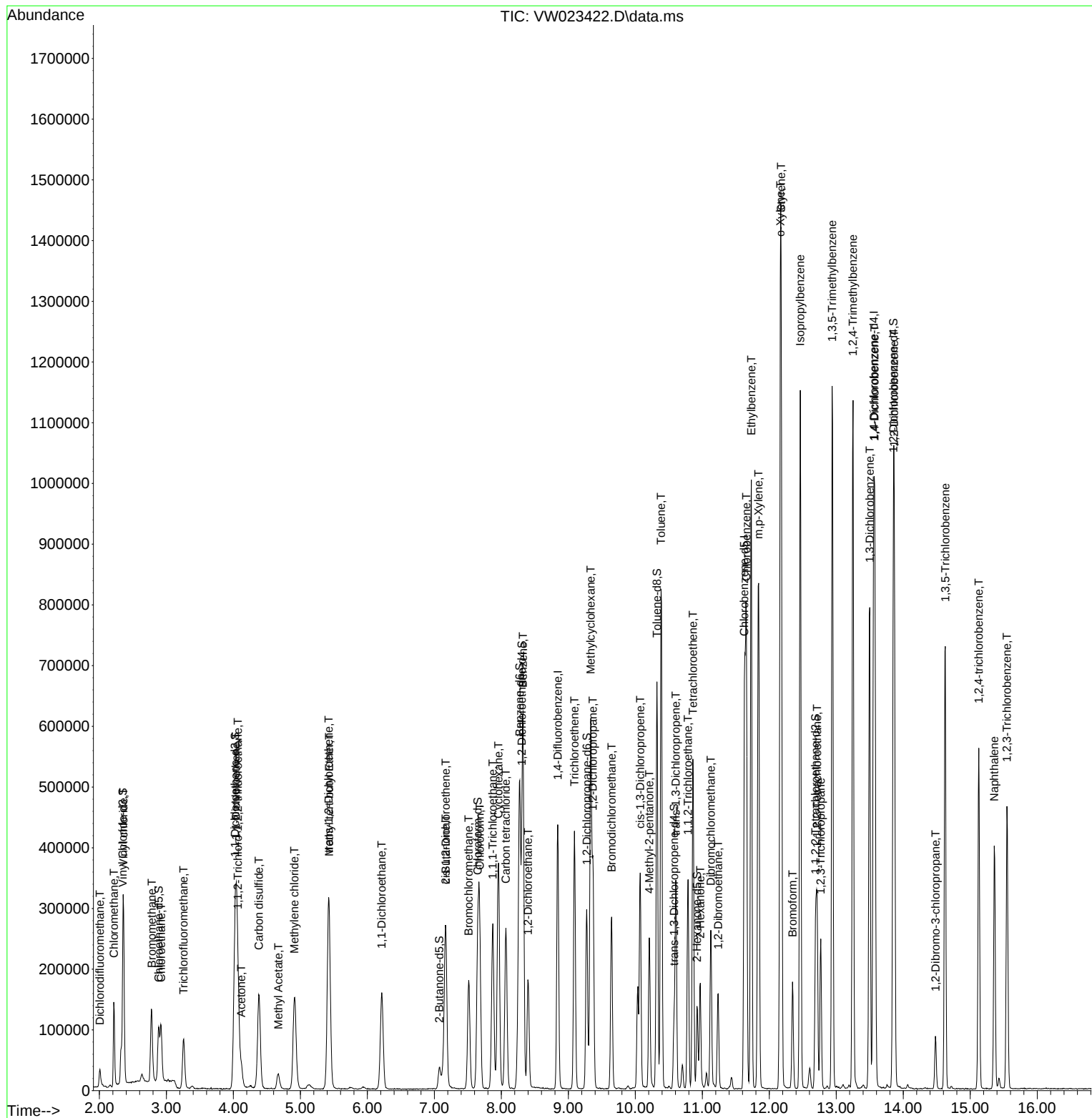
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	164290	29.016	ug/L	100
29) Cyclohexane	7.958	56	196978	26.511	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	209609	25.337	ug/L	98
31) Carbon tetrachloride	8.067	117	194543	25.490	ug/L	99
33) Benzene	8.323	78	524523	25.703	ug/L	100
34) Trichloroethene	9.092	95	141361	25.322	ug/L	96
35) Methylcyclohexane	9.335	83	240307	26.226	ug/L	97
37) 1,2-Dichloropropane	9.366	63	126636	26.480	ug/L	100
38) Bromodichloromethane	9.646	83	184048	27.432	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	203257	27.130	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	155968	59.984	ug/L	99
42) Toluene	10.384	91	608358	26.438	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	182063	27.844	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	104239	27.150	ug/L	95
46) Tetrachloroethene	10.860	164	108531	24.575	ug/L	89
48) 2-Hexanone	10.969	43	108750	64.676	ug/L	97
49) Dibromochloromethane	11.128	129	126219	27.181	ug/L	99
50) 1,2-Dibromoethane	11.238	107	101533	26.996	ug/L	96
51) Chlorobenzene	11.658	112	396243	26.311	ug/L	97
52) Ethylbenzene	11.731	91	691376	27.269	ug/L	98
53) m,p-Xylene	11.841	106	272979	27.817	ug/L	98
54) o-Xylene	12.164	106	254742	27.098	ug/L	96
55) Styrene	12.176	104	446538	27.603	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	131372	28.534	ug/L	97
59) Bromoform	12.347	173	71417	26.173	ug/L	98
60) Isopropylbenzene	12.463	105	716964	25.444	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	94241	26.461	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	608457	26.089	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	612152	26.520	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	317233	24.812	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	319562	24.438	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	287093	24.752	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	20060	26.524	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	205795	24.342	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	159432	24.346	ug/L	99
71) Naphthalene	15.359	128	328727	27.048	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	139953	24.579	ug/L	98

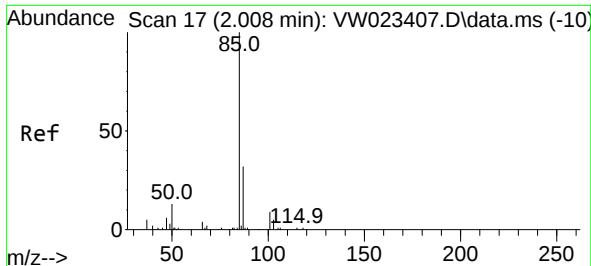
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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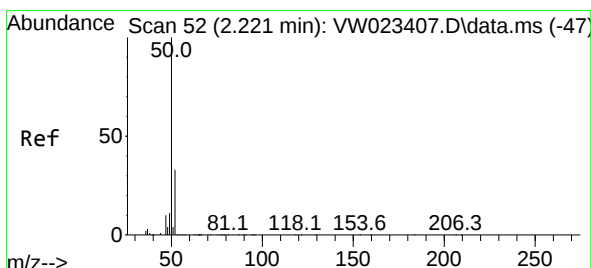
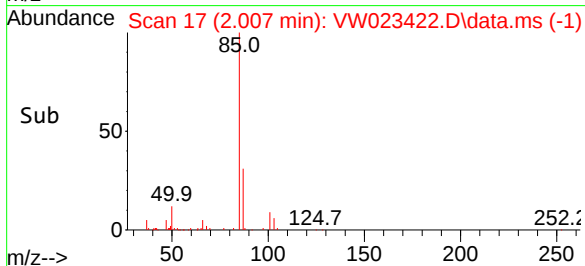
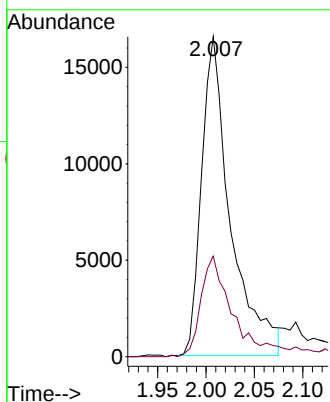
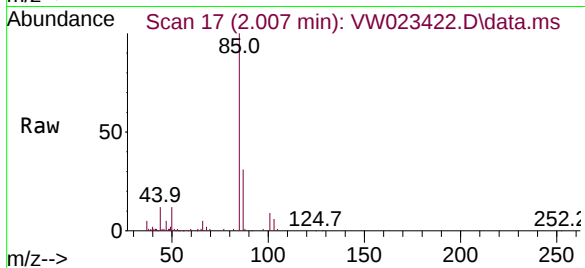




#2
Dichlorodifluoromethane
Concen: 29.390 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

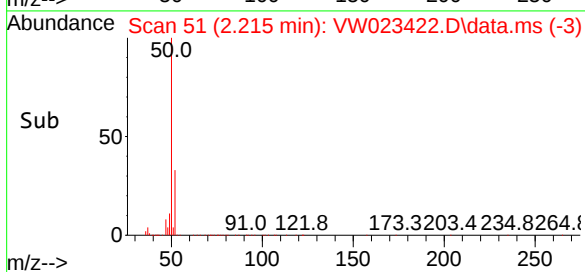
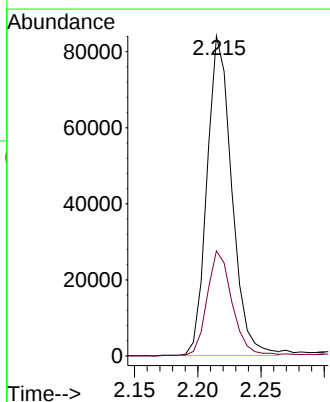
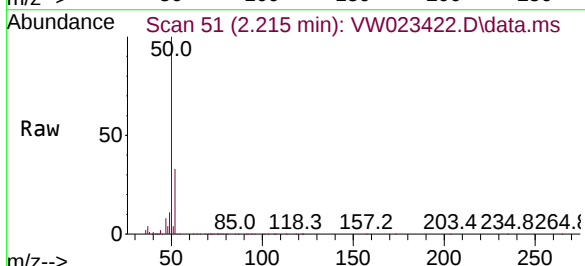
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MSVOA_W
ClientSampleId :
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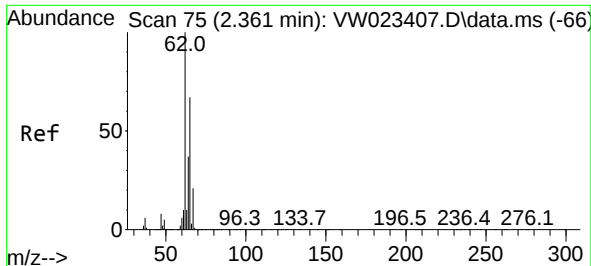
Tgt Ion: 85 Resp: 34481
Ion Ratio Lower Upper
85 100
87 31.8 27.8 41.8



#3
Chloromethane
Concen: 27.667 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion: 50 Resp: 114448
Ion Ratio Lower Upper
50 100
52 32.8 23.1 42.9

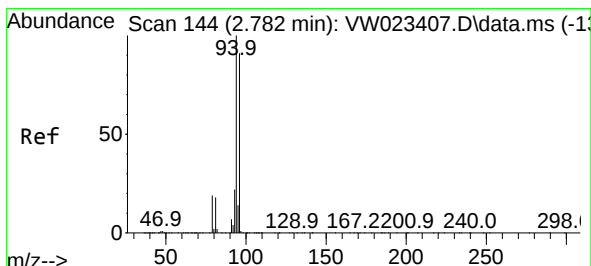
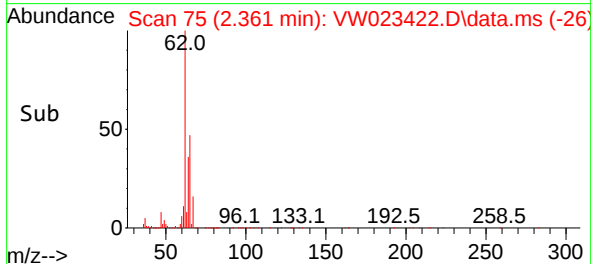
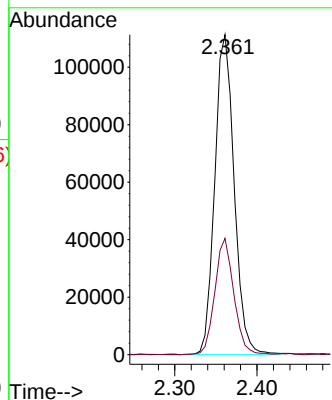
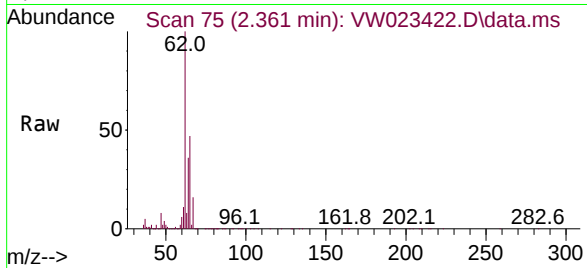




#5
 Vinyl chloride
 Concen: 28.837 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023422.D
 Acq: 08 Jun 2022 09:32

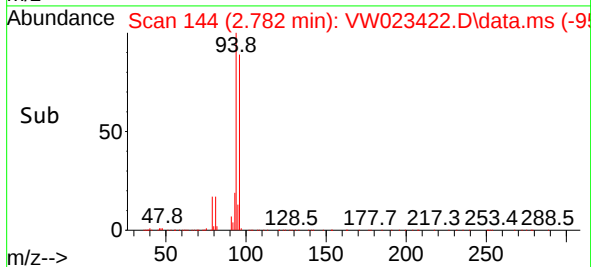
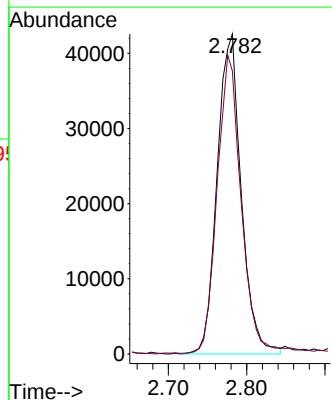
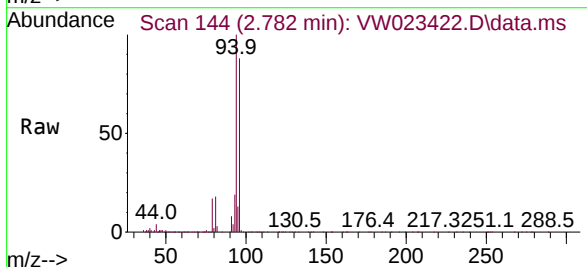
Instrument :
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 ClientSampleId :
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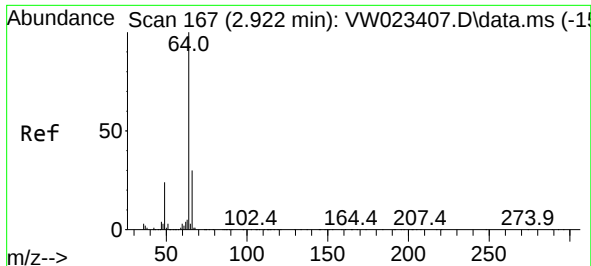
Tgt Ion: 62 Resp: 182695
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.9 46.3



#6
 Bromomethane
 Concen: 26.107 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW023422.D
 Acq: 08 Jun 2022 09:32

Tgt Ion: 94 Resp: 90914
 Ion Ratio Lower Upper
 94 100
 96 88.4 61.7 114.5

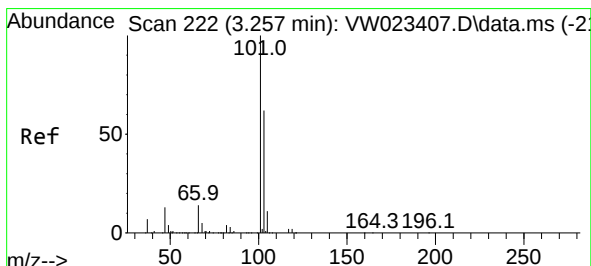
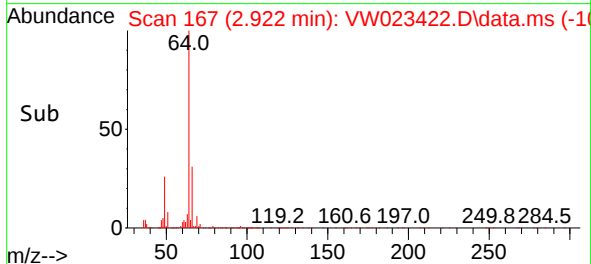
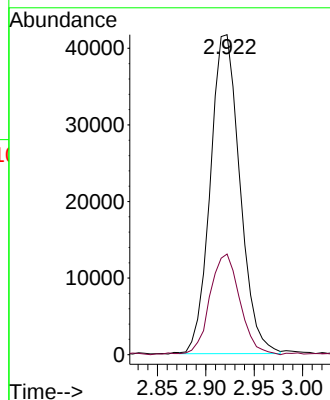
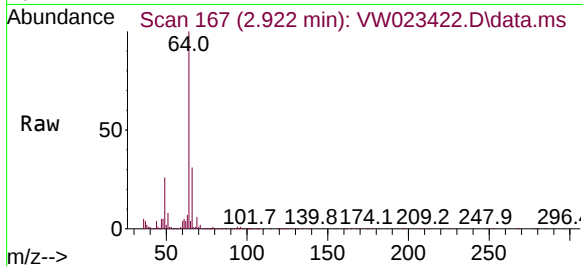




#8
Chloroethane
Concen: 28.551 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

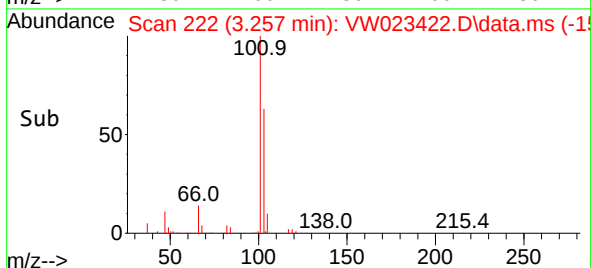
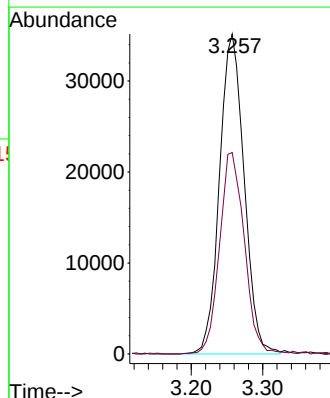
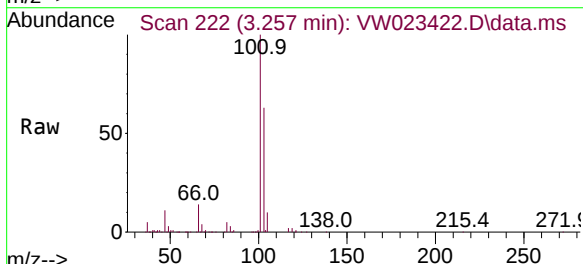
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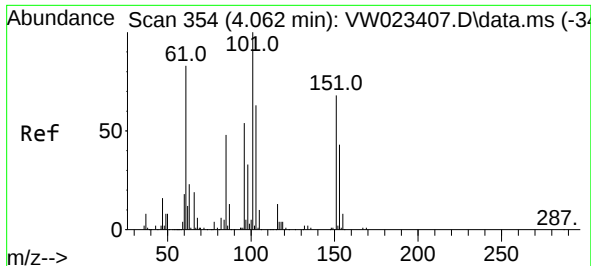
Tgt Ion: 64 Resp: 88545
Ion Ratio Lower Upper
64 100
66 31.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 24.168 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion: 101 Resp: 84006
Ion Ratio Lower Upper
101 100
103 63.4 53.9 80.9

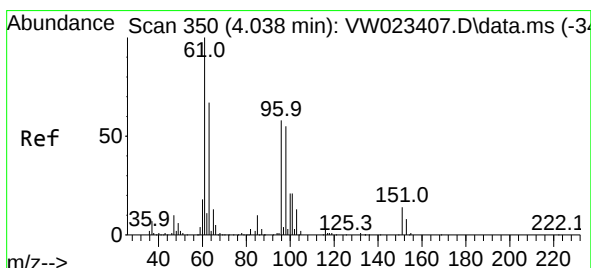
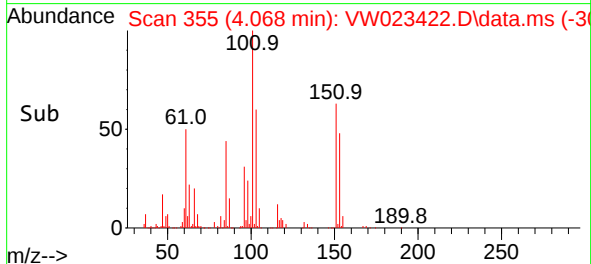
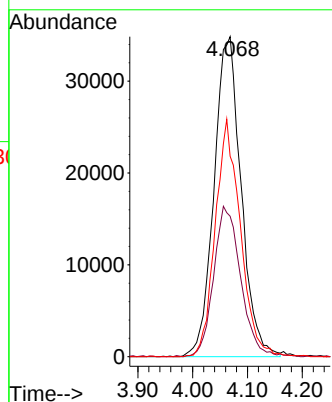
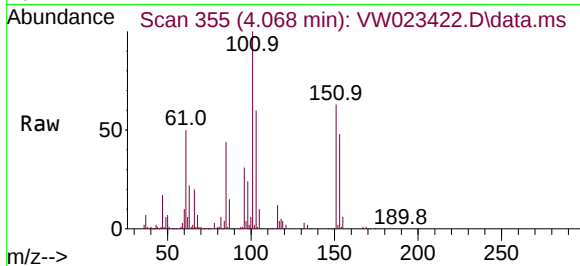




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.164 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW023422.D
 Acq: 08 Jun 2022 09:32

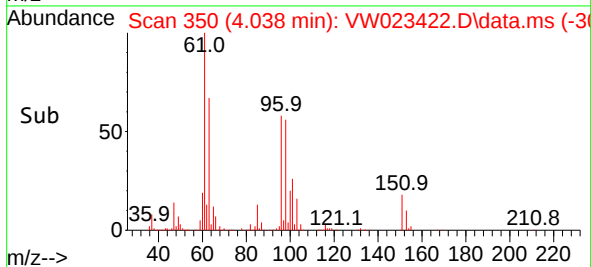
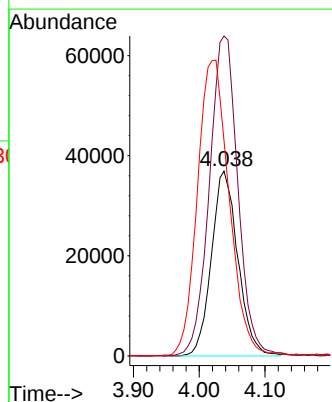
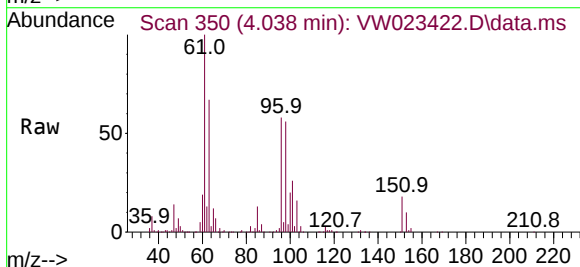
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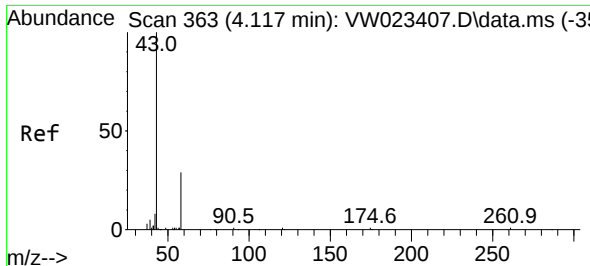
Tgt Ion:101 Resp: 119492
 Ion Ratio Lower Upper
 101 100
 85 46.6 34.3 51.5
 151 68.1 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 25.325 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW023422.D
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Tgt Ion: 96 Resp: 103198
 Ion Ratio Lower Upper
 96 100
 61 173.2 125.7 233.5
 63 116.4 83.4 155.0

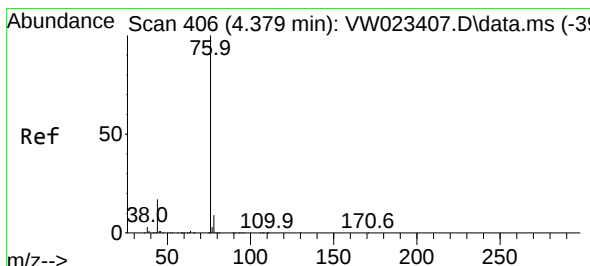
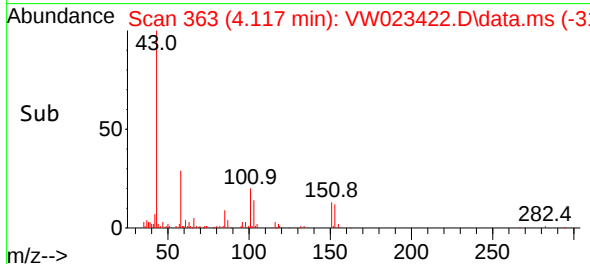
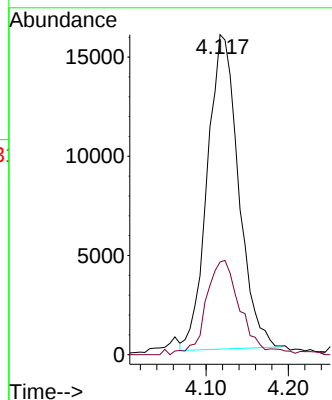
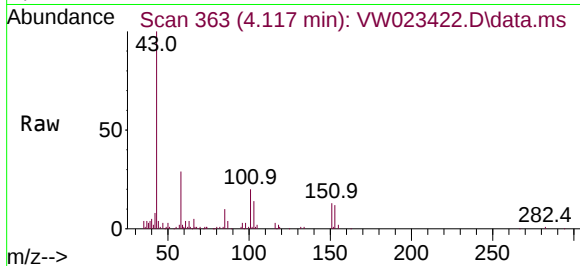




#13
Acetone
Concen: 52.406 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW023422.D
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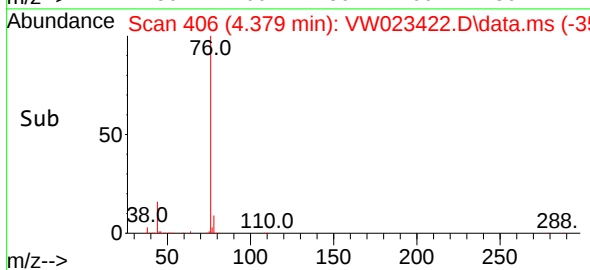
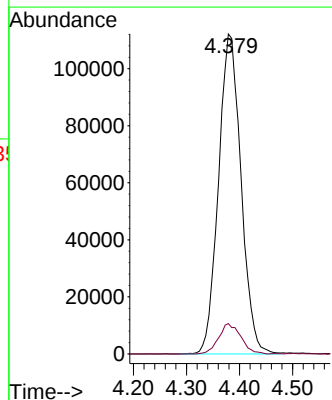
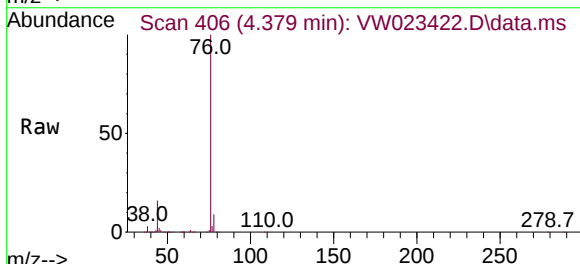
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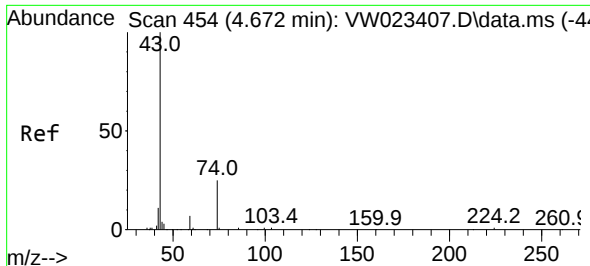
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Ion Ratio Lower Upper
43 100
58 30.9 0.0 64.0



#14
Carbon disulfide
Concen: 25.367 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 331311
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5

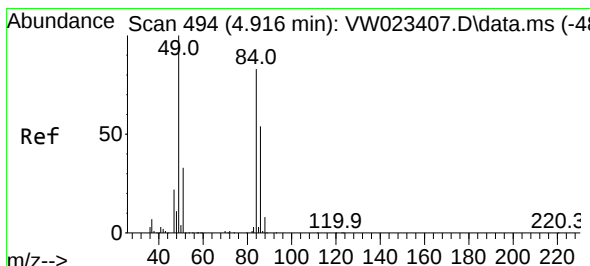
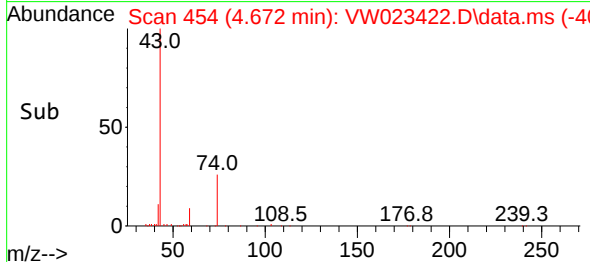
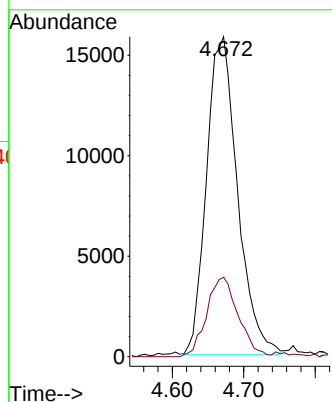
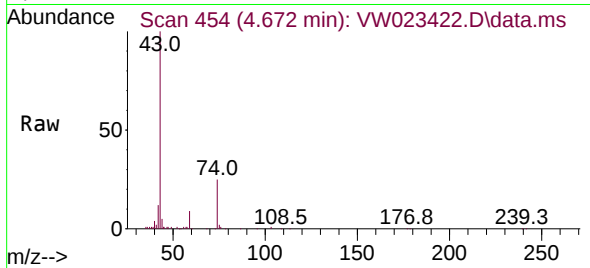




#15
Methyl Acetate
Concen: 27.135 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

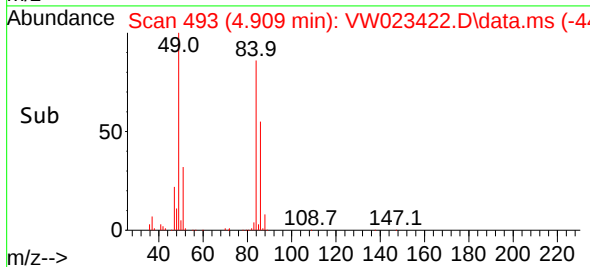
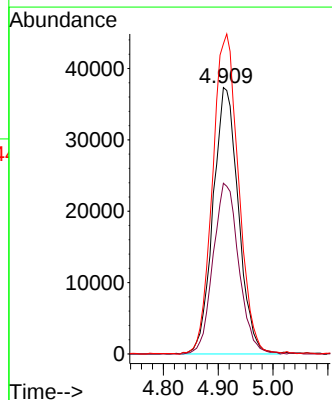
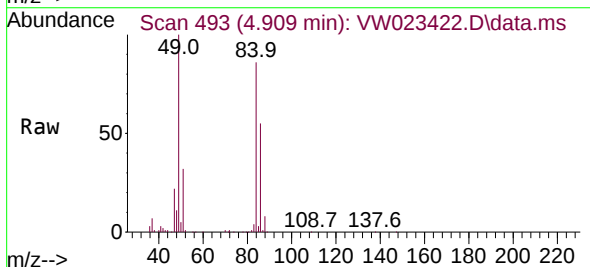
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

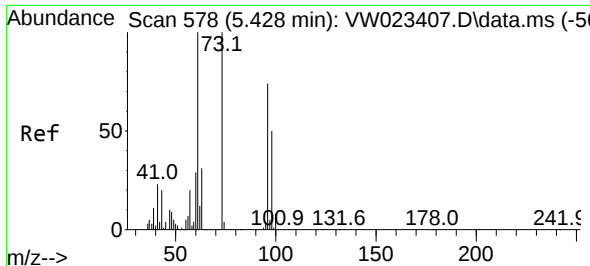
Tgt Ion: 43 Resp: 47562
Ion Ratio Lower Upper
43 100
74 25.4 21.9 32.9



#16
Methylene chloride
Concen: 23.365 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion: 84 Resp: 119956
Ion Ratio Lower Upper
84 100
86 64.1 45.4 84.4
49 116.4 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 25.641 ug/L

RT: 5.422 min Scan# 51

Delta R.T. -0.006 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

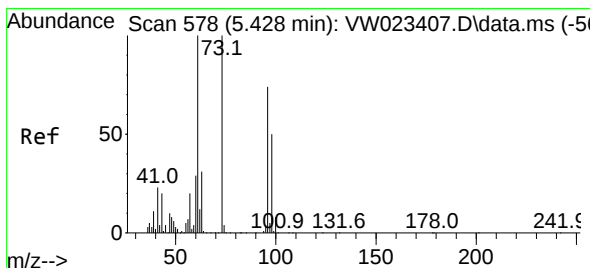
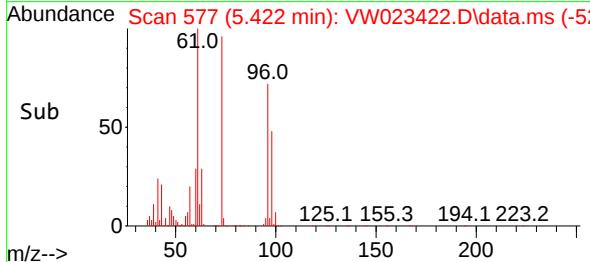
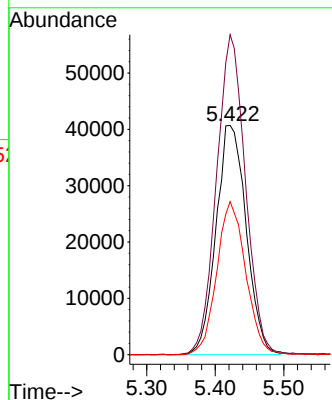
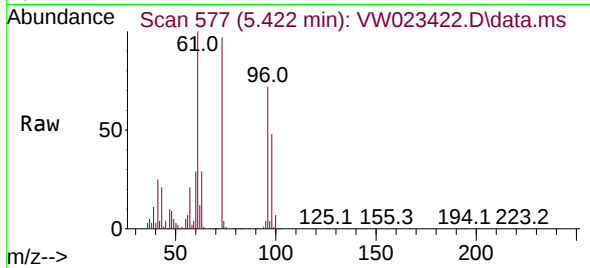
Tgt Ion: 96 Resp: 124510

Ion Ratio Lower Upper

96 100

61 139.6 92.2 171.2

98 66.8 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 27.321 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

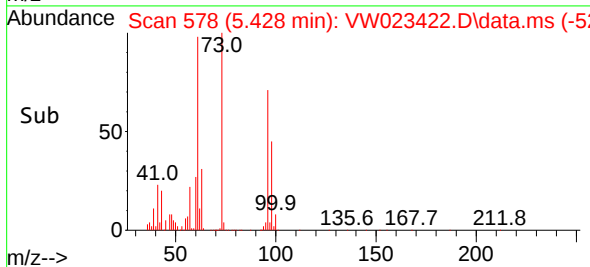
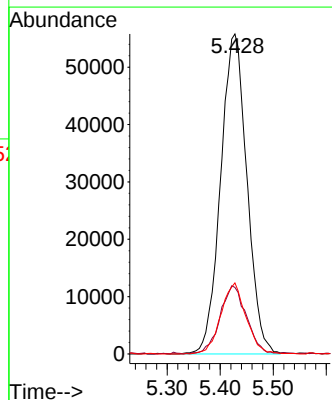
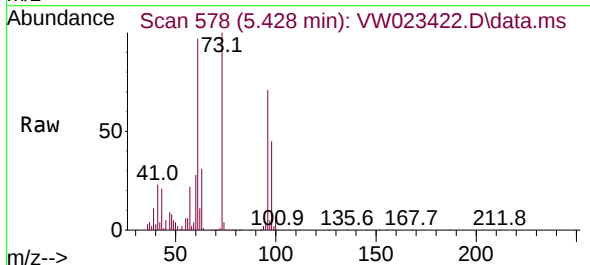
Tgt Ion: 73 Resp: 192254

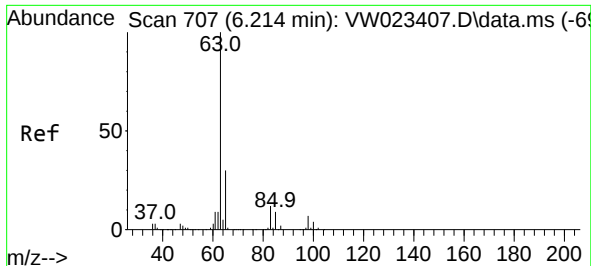
Ion Ratio Lower Upper

73 100

43 21.5 15.9 23.9

57 21.0 16.5 24.7





#19

1,1-Dichloroethane

Concen: 26.966 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

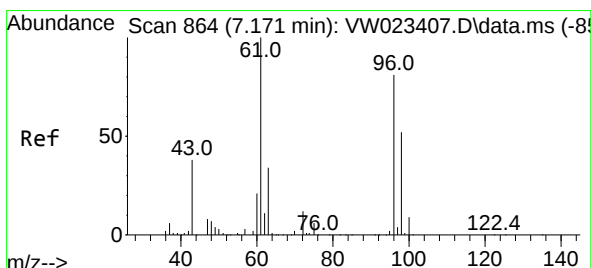
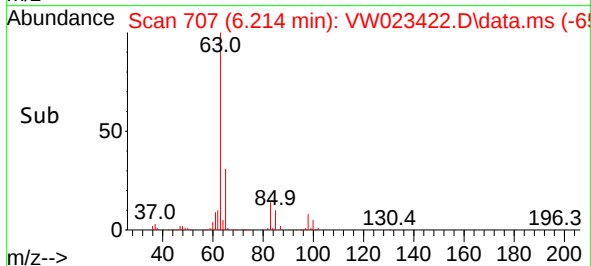
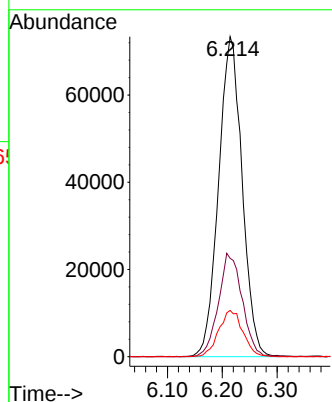
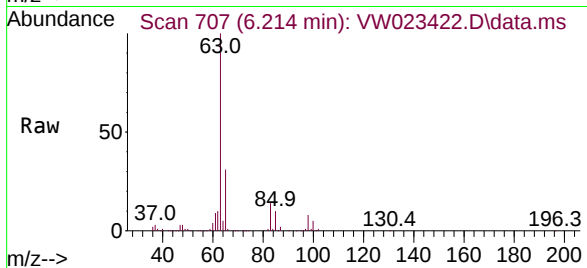
Tgt Ion: 63 Resp: 218983

Ion Ratio Lower Upper

63 100

65 30.8 23.3 43.3

83 14.5 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 26.002 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

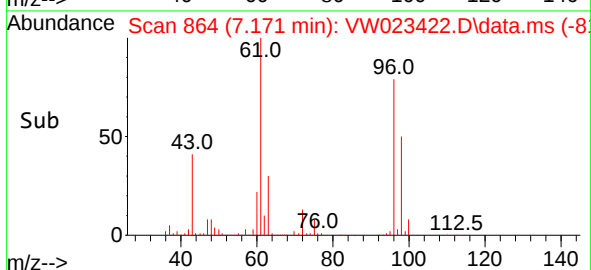
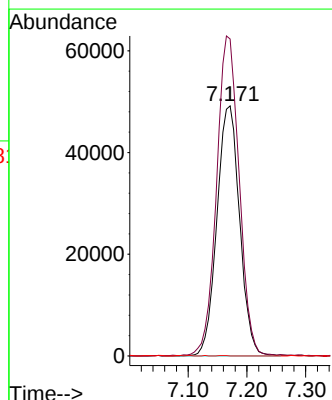
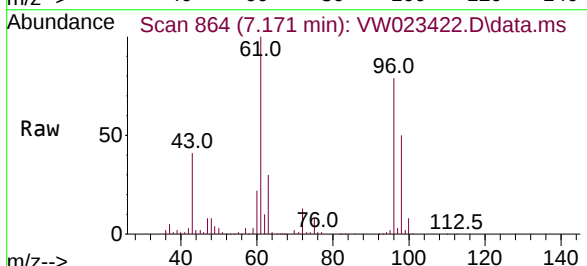
Tgt Ion: 96 Resp: 132065

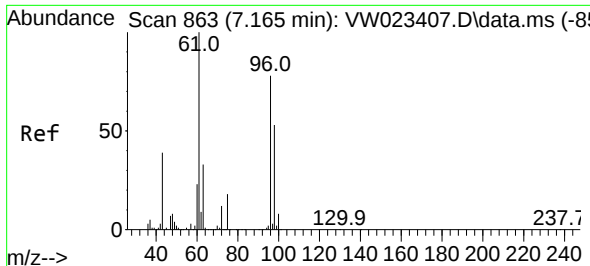
Ion Ratio Lower Upper

96 100

61 126.8 84.2 156.4

68 0.0 0.1 0.1#

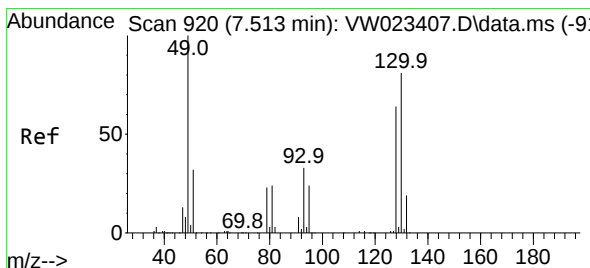
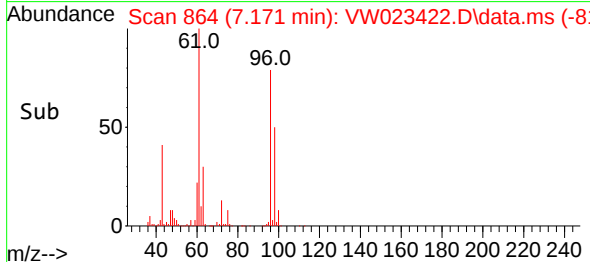
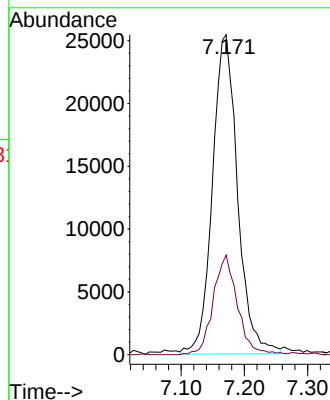
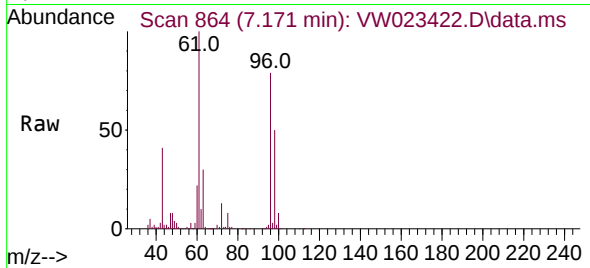




#22
2-Butanone
Concen: 60.358 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

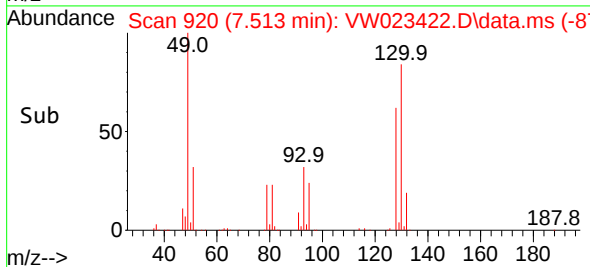
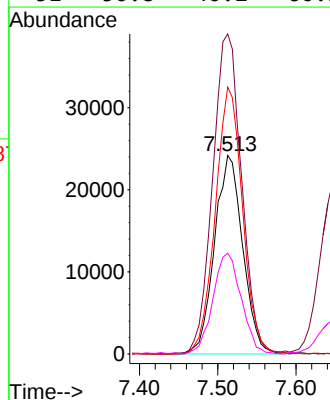
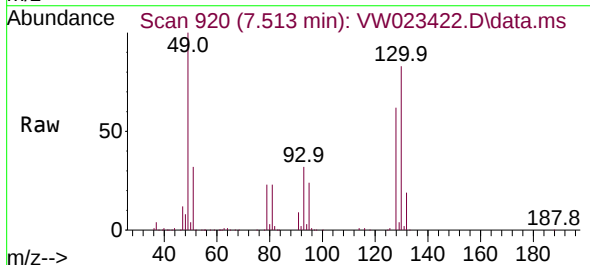
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

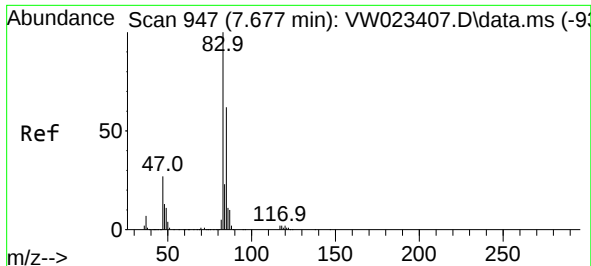
Tgt Ion: 43 Resp: 70098
Ion Ratio Lower Upper
43 100
72 30.1 15.1 45.3



#23
Bromochloromethane
Concen: 25.343 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion: 128 Resp: 60378
Ion Ratio Lower Upper
128 100
49 161.2 110.0 204.4
130 134.5 94.8 176.0
51 50.8 40.2 60.2

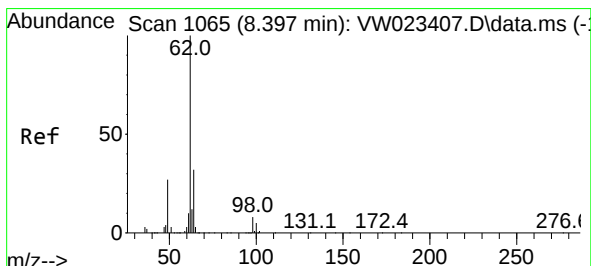
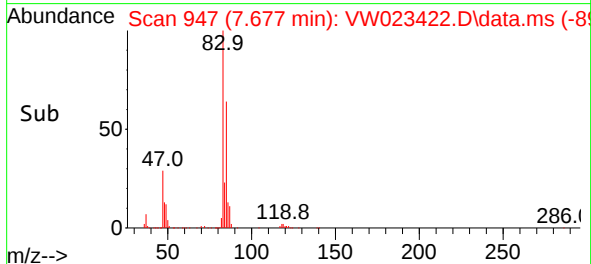
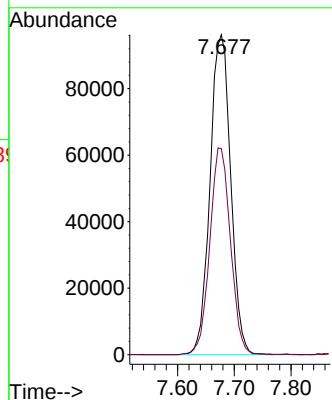
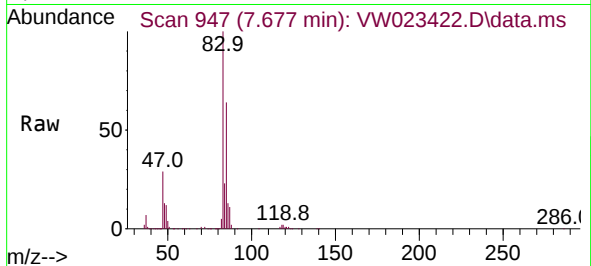




#25
Chloroform
Concen: 27.081 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

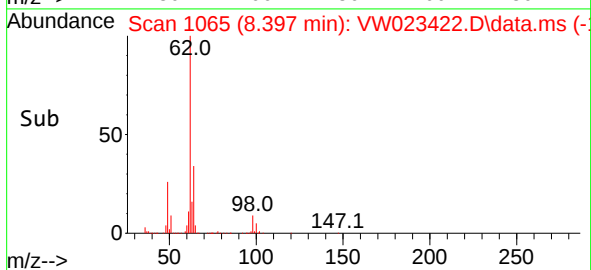
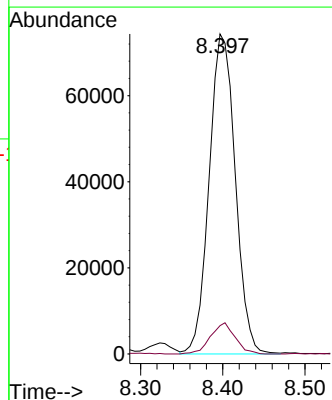
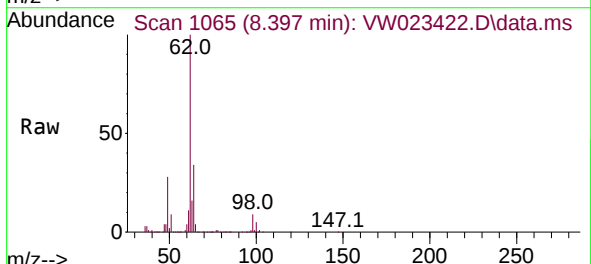
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

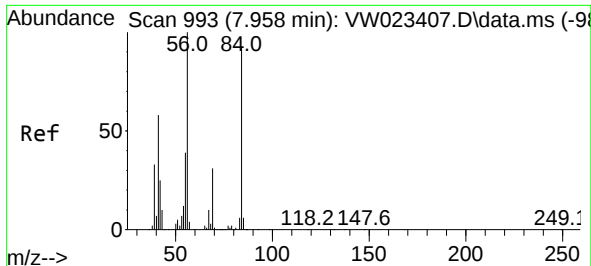
Tgt Ion: 83 Resp: 243549
Ion Ratio Lower Upper
83 100
85 64.4 46.6 86.6



#27
1,2-Dichloroethane
Concen: 29.016 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion: 62 Resp: 164290
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8





#29

Cyclohexane

Concen: 26.511 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

Instrument :

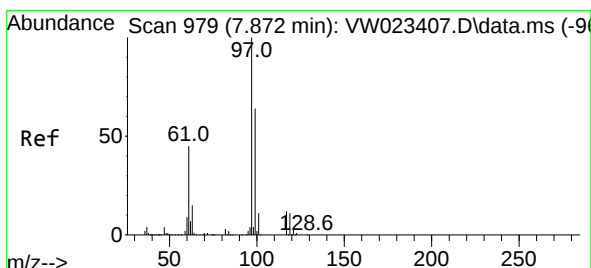
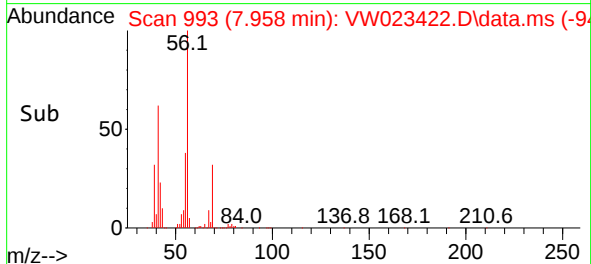
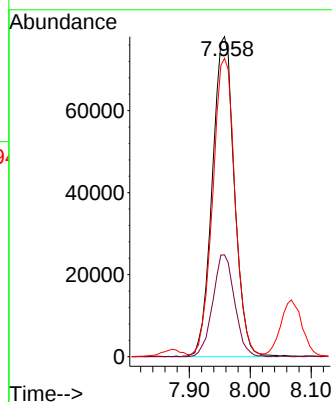
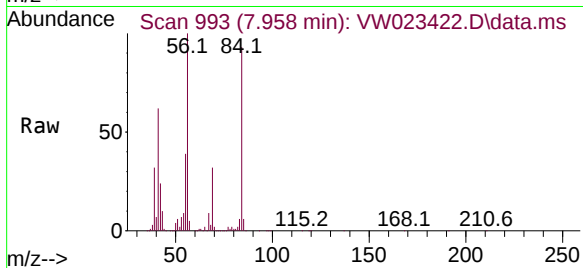
MSVOA_W

ClientSampleId :

VSTD025566

Tgt Ion: 56 Resp: 196978

Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.6	38.4
84	94.0	78.2	117.4



#30

1,1,1-Trichloroethane

Concen: 25.337 ug/L

RT: 7.872 min Scan# 979

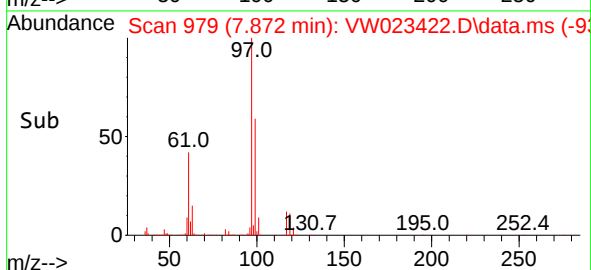
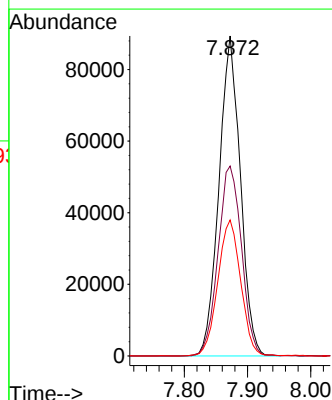
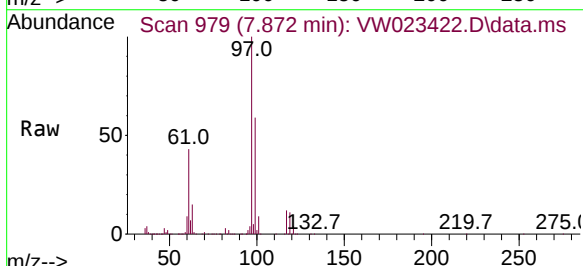
Delta R.T. -0.000 min

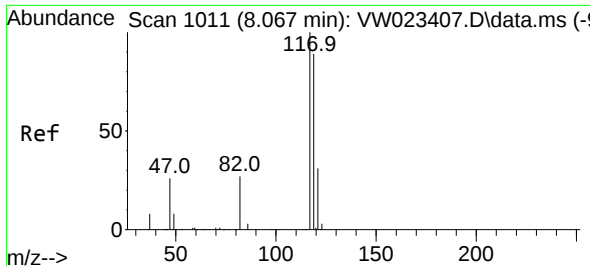
Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

Tgt Ion: 97 Resp: 209609

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	45.4	34.8	52.2

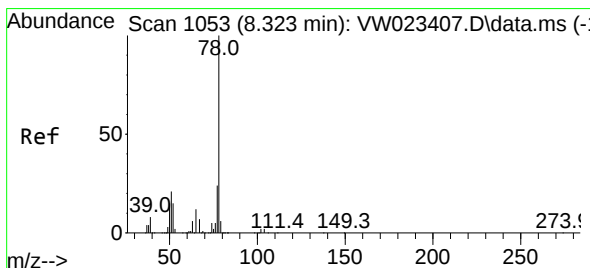
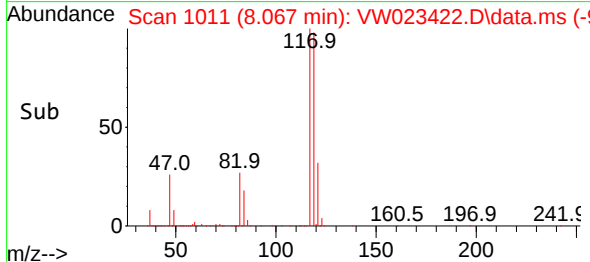
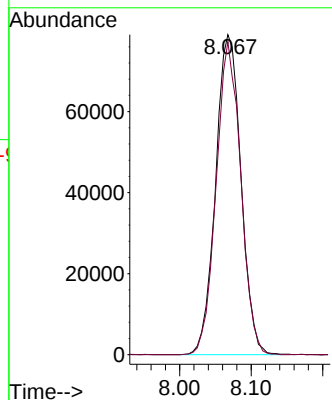
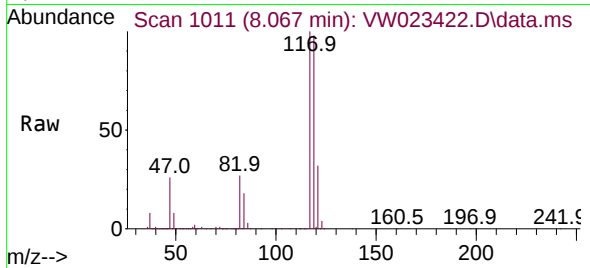




#31
Carbon tetrachloride
Concen: 25.490 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

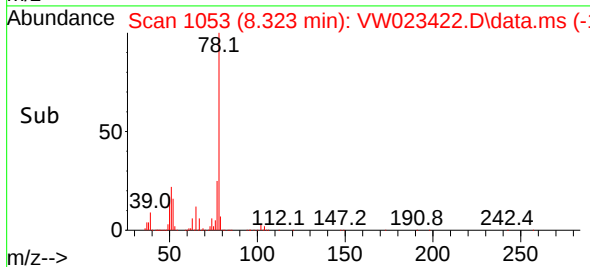
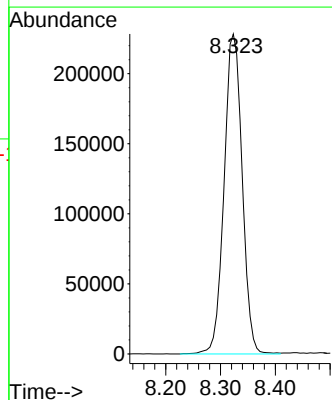
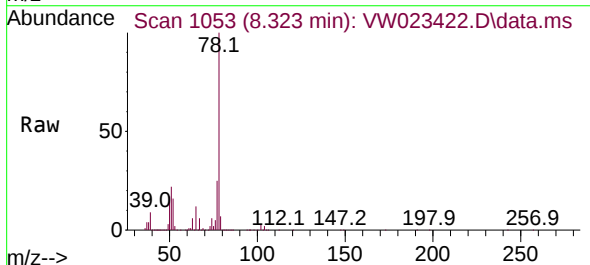
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

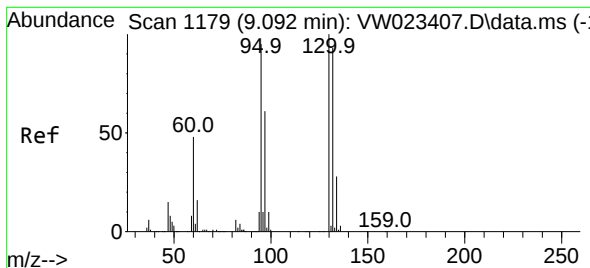
Tgt Ion:117 Resp: 194543
Ion Ratio Lower Upper
117 100
119 94.5 76.6 115.0



#33
Benzene
Concen: 25.703 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion: 78 Resp: 524523





#34

Trichloroethene

Concen: 25.322 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

Tgt Ion: 95 Resp: 141361

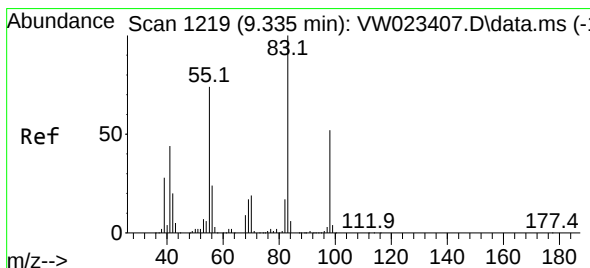
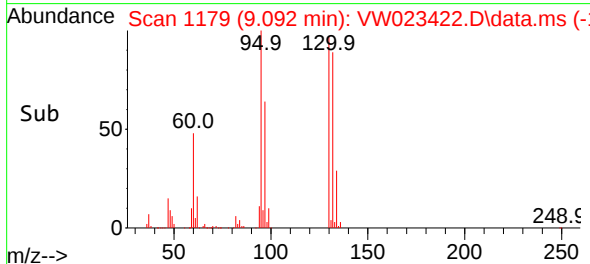
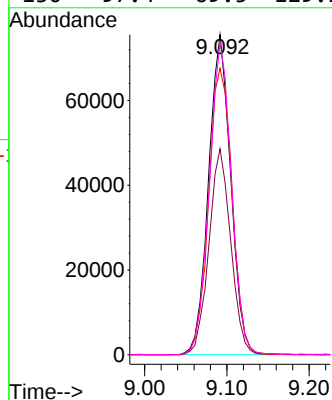
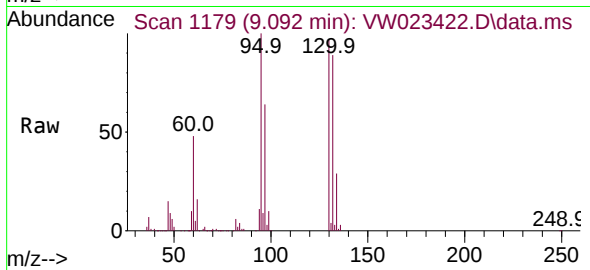
Ion Ratio Lower Upper

95 100

97 64.3 46.1 85.7

132 89.5 66.9 124.3

130 97.4 69.5 129.1



#35

Methylcyclohexane

Concen: 26.226 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

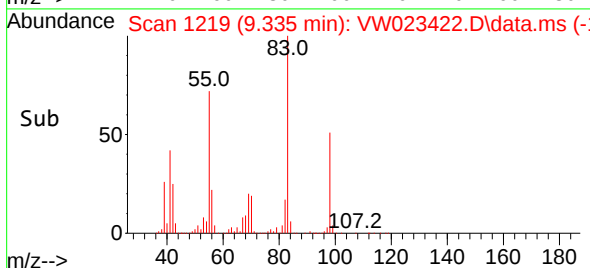
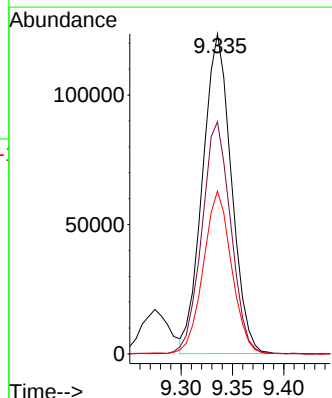
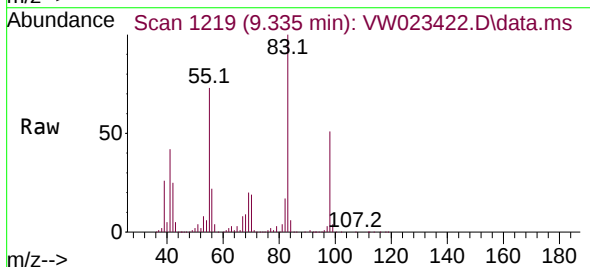
Tgt Ion: 83 Resp: 240307

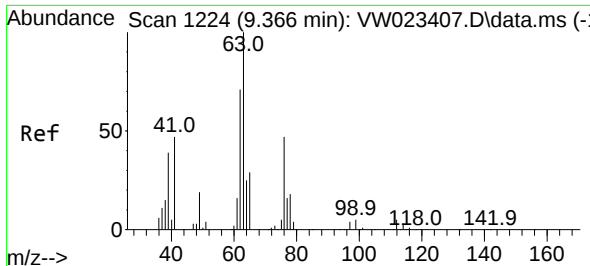
Ion Ratio Lower Upper

83 100

55 73.1 55.1 82.7

98 50.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 26.480 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

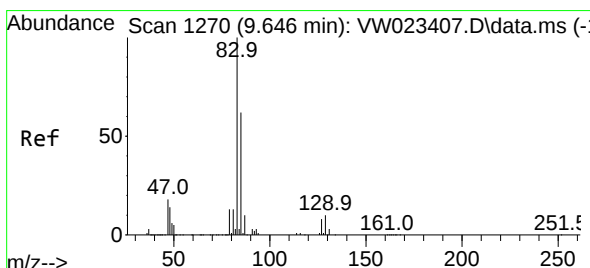
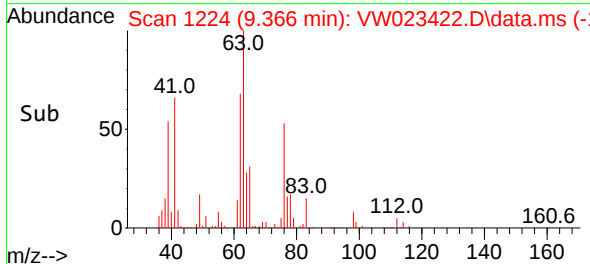
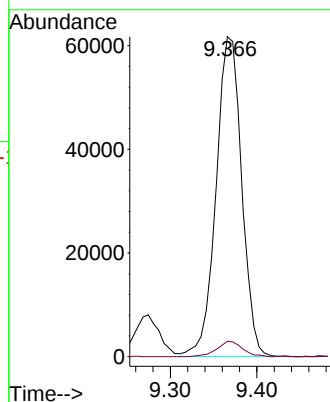
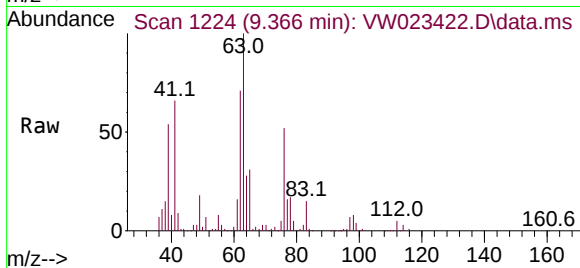
VSTD025566

Tgt Ion: 63 Resp: 126636

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 27.432 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

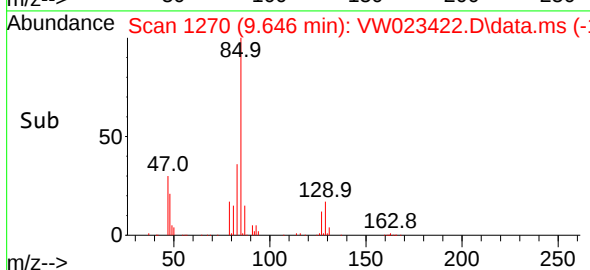
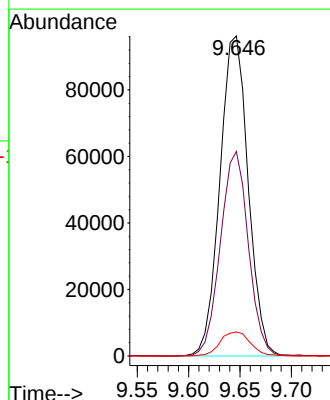
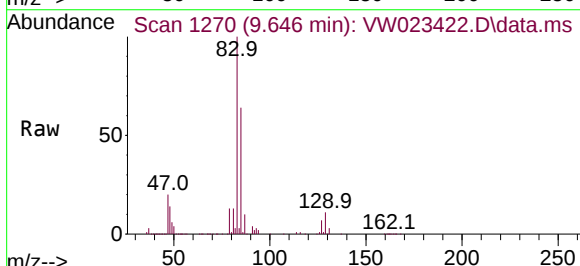
Tgt Ion: 83 Resp: 184048

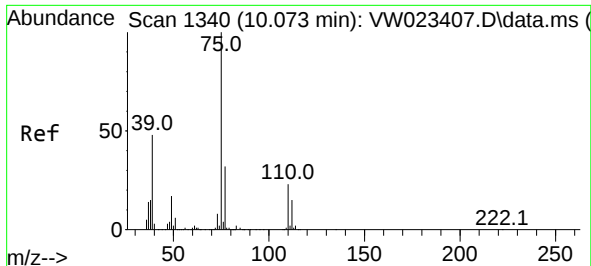
Ion Ratio Lower Upper

83 100

85 63.9 43.5 80.7

127 7.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 27.130 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

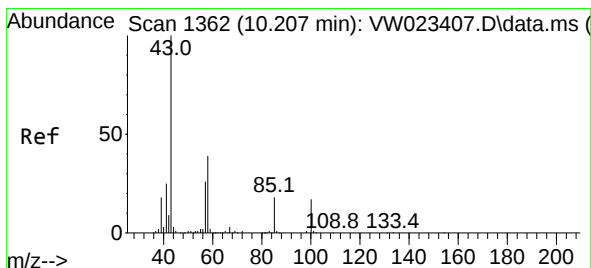
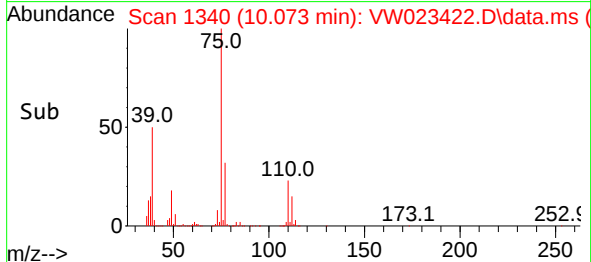
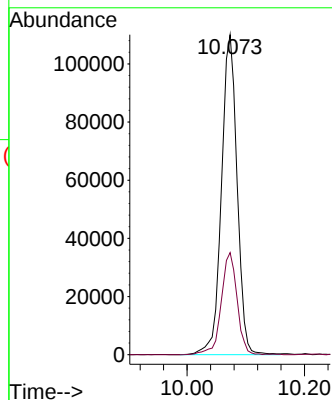
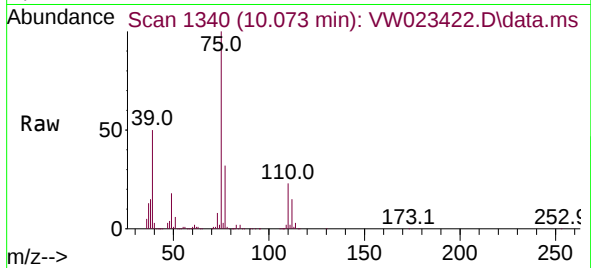
VSTD025566

Tgt Ion: 75 Resp: 203257

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 59.984 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

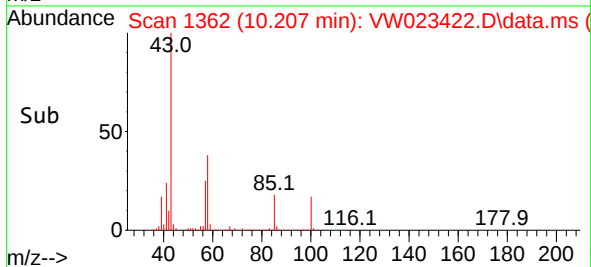
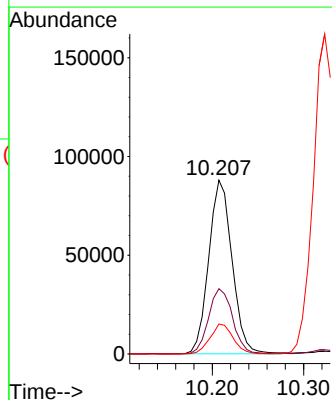
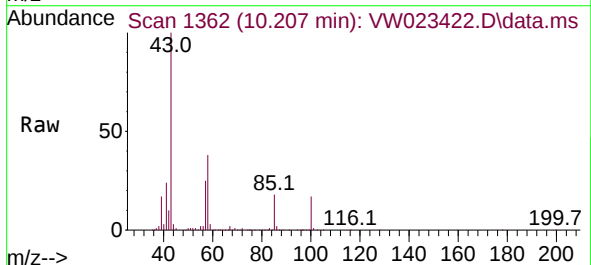
Tgt Ion: 43 Resp: 155968

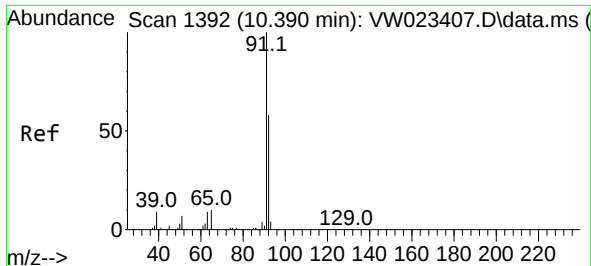
Ion Ratio Lower Upper

43 100

58 38.7 31.4 47.2

100 17.0 14.2 21.4

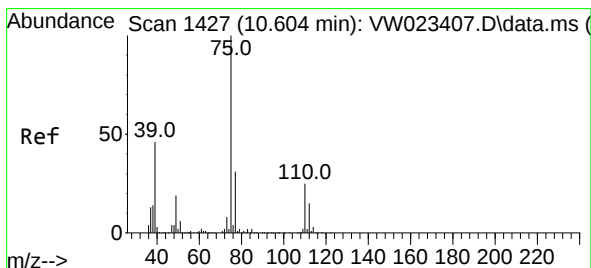
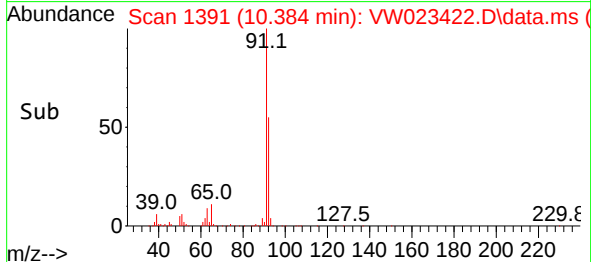
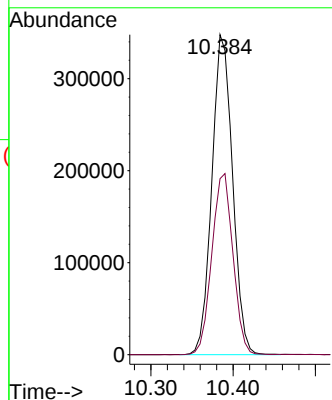
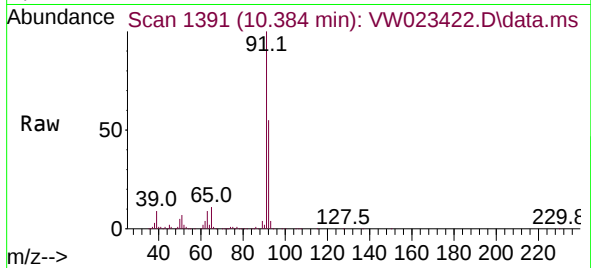




#42
Toluene
Concen: 26.438 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

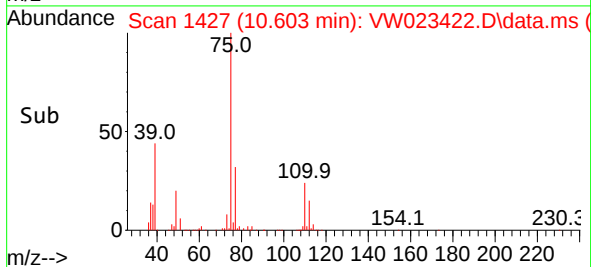
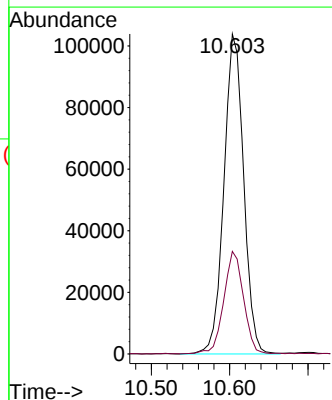
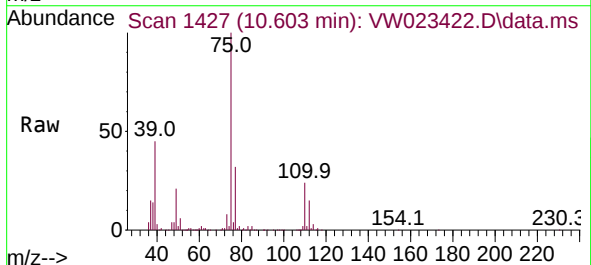
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

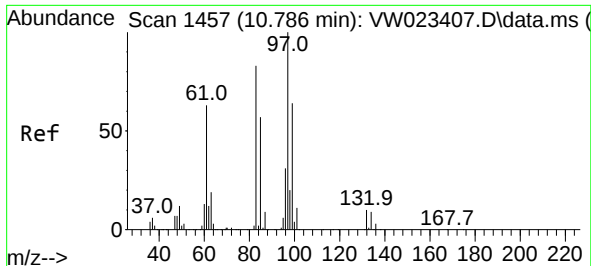
Tgt Ion: 91 Resp: 608358
Ion Ratio Lower Upper
91 100
92 55.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 27.844 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion: 75 Resp: 182063
Ion Ratio Lower Upper
75 100
77 32.1 22.0 40.8



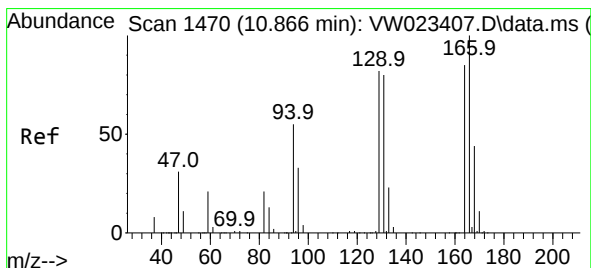
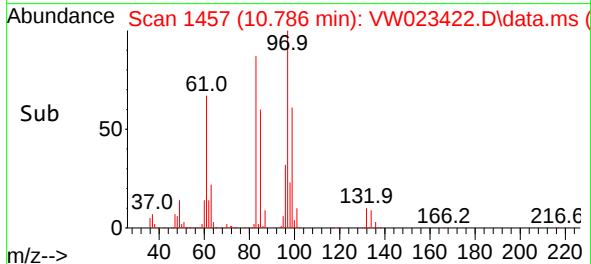
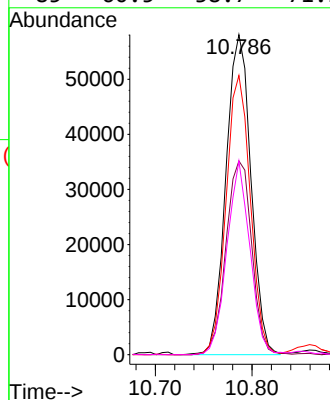
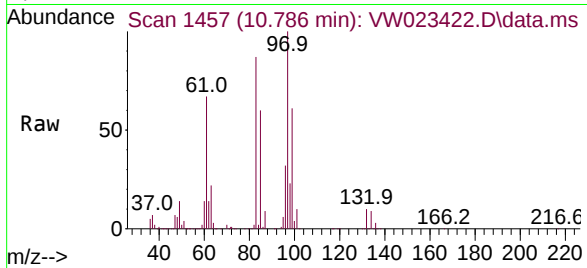


#45
1,1,2-Trichloroethane
Concen: 27.150 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

Tgt Ion: 97 Resp: 104239

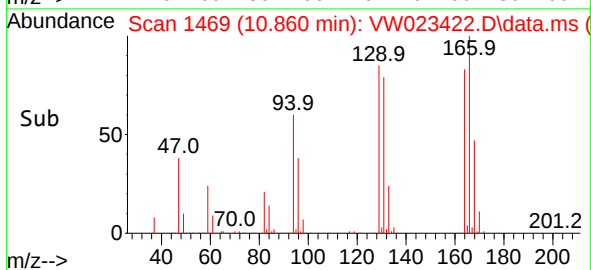
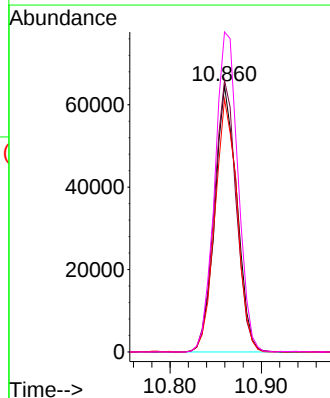
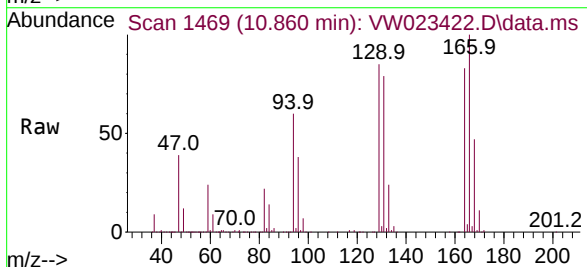
Ion	Ratio	Lower	Upper
97	100		
99	60.5	44.7	82.9
83	87.2	58.4	108.4
85	60.5	38.7	71.9

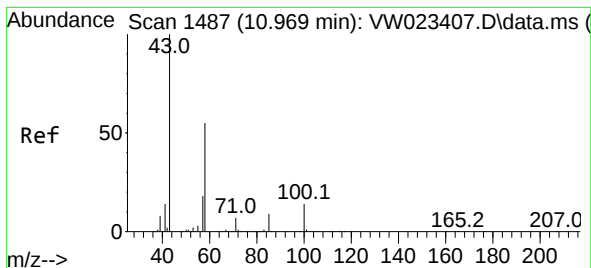


#46
Tetrachloroethene
Concen: 24.575 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion: 164 Resp: 108531

Ion	Ratio	Lower	Upper
164	100		
129	102.2	76.9	142.7
131	95.0	75.1	139.5
166	120.3	96.0	178.2

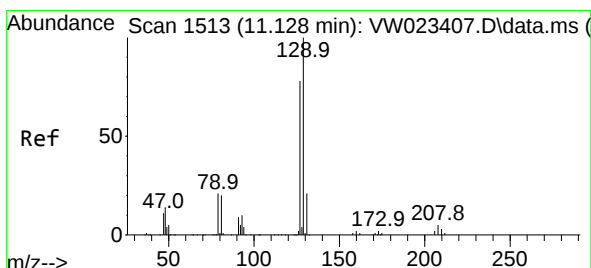
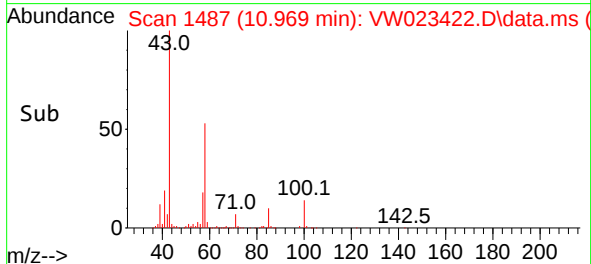
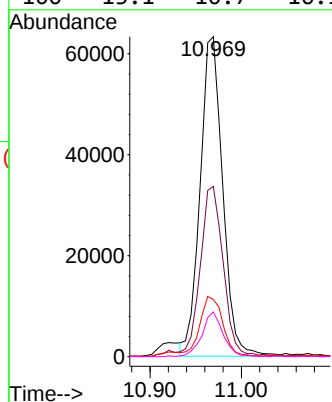
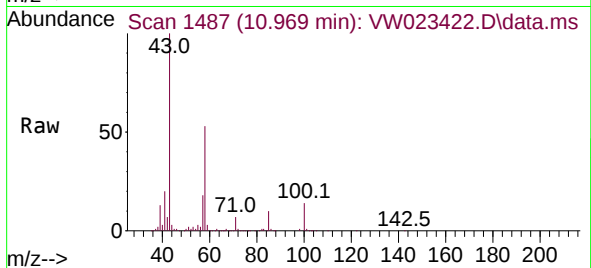




#48
2-Hexanone
Concen: 64.676 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

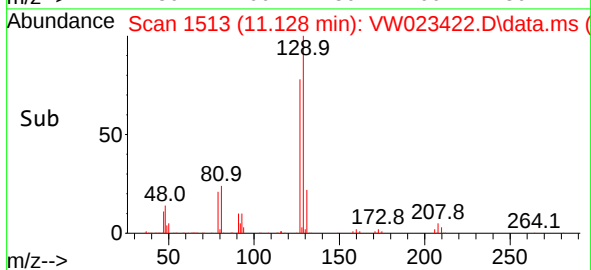
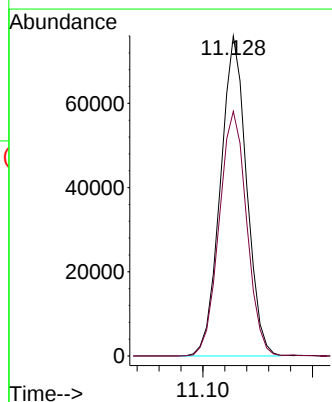
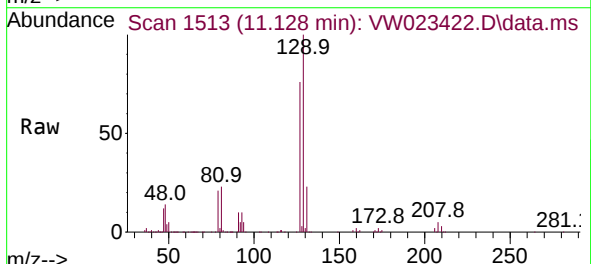
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

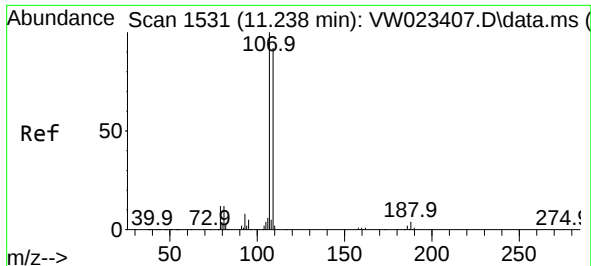
Tgt Ion: 43 Resp: 108750
Ion Ratio Lower Upper
43 100
58 54.5 45.9 68.9
57 19.0 16.2 24.2
100 13.1 10.7 16.1



#49
Dibromochloromethane
Concen: 27.181 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion: 129 Resp: 126219
Ion Ratio Lower Upper
129 100
127 76.5 53.8 100.0





#50

1,2-Dibromoethane

Concen: 26.996 ug/L

RT: 11.238 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

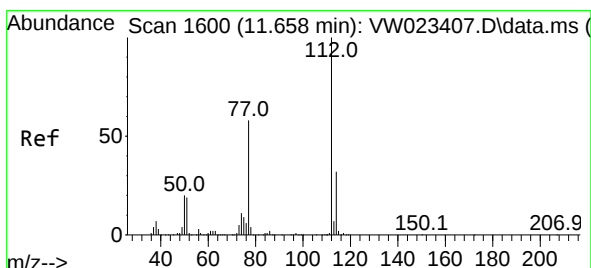
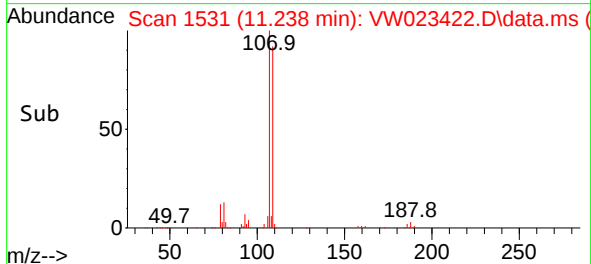
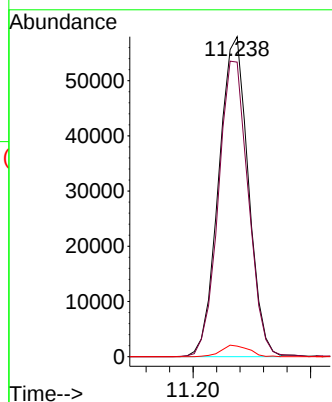
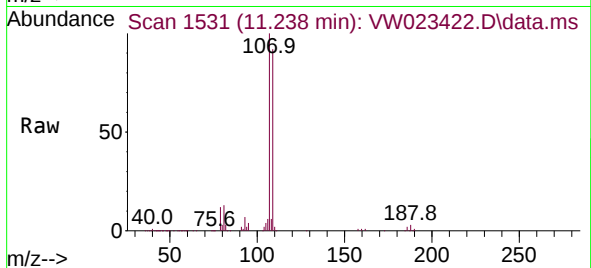
Tgt Ion:107 Resp: 101533

Ion Ratio Lower Upper

107 100

109 92.0 67.5 125.4

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 26.311 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

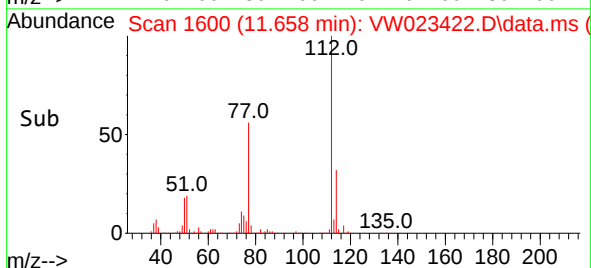
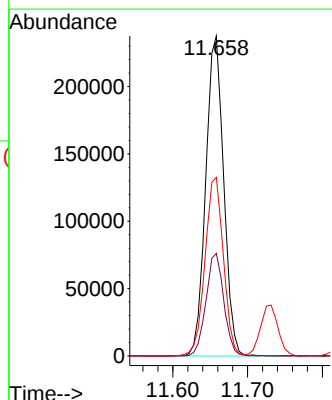
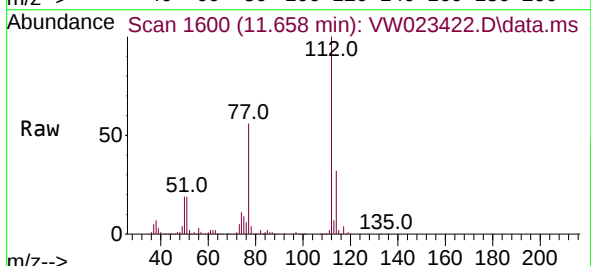
Tgt Ion:112 Resp: 396243

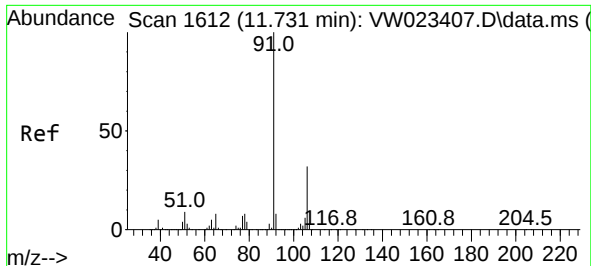
Ion Ratio Lower Upper

112 100

114 32.0 22.0 41.0

77 55.8 42.6 63.8

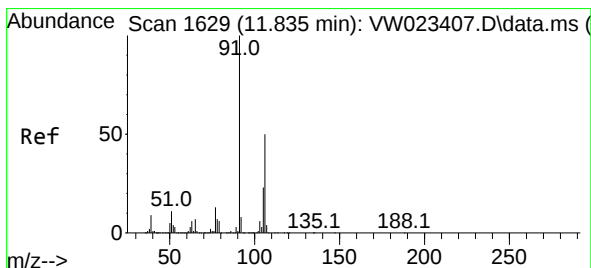
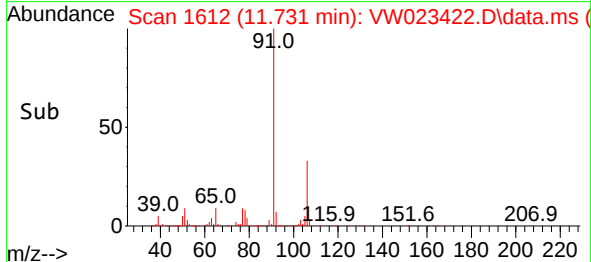
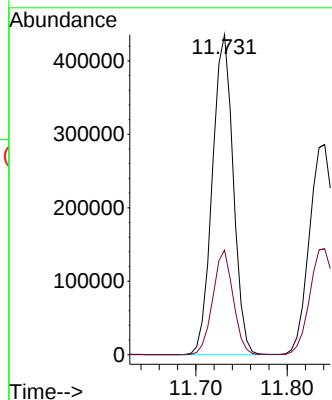
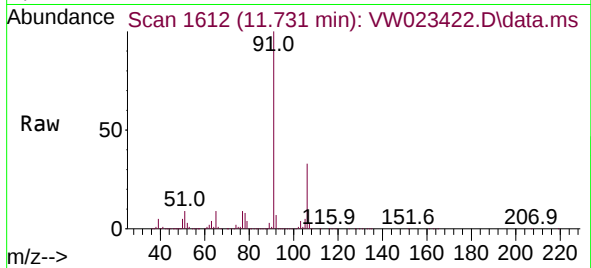




#52
Ethylbenzene
Concen: 27.269 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

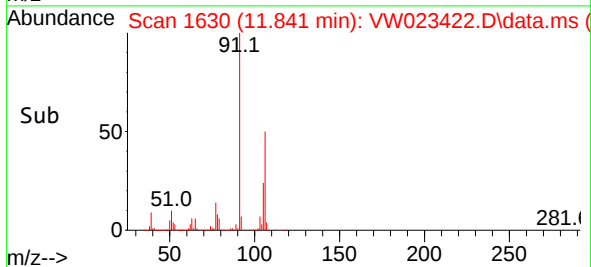
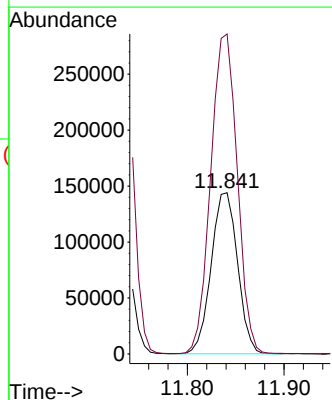
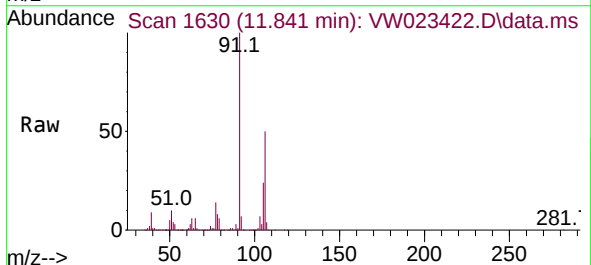
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

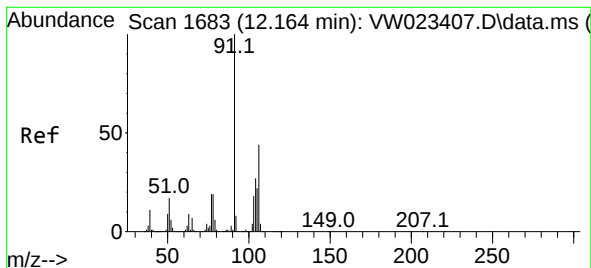
Tgt Ion: 91 Resp: 691376
Ion Ratio Lower Upper
91 100
106 32.7 22.3 41.3



#53
m,p-Xylene
Concen: 27.817 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion: 106 Resp: 272979
Ion Ratio Lower Upper
106 100
91 198.4 136.8 254.0





#54

o-Xylene

Concen: 27.098 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

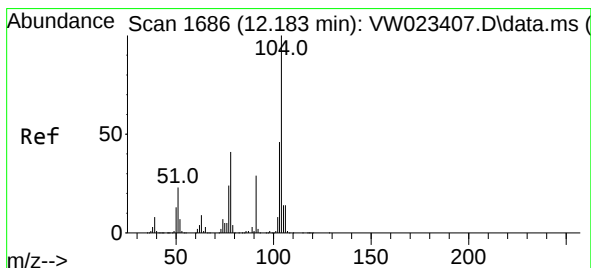
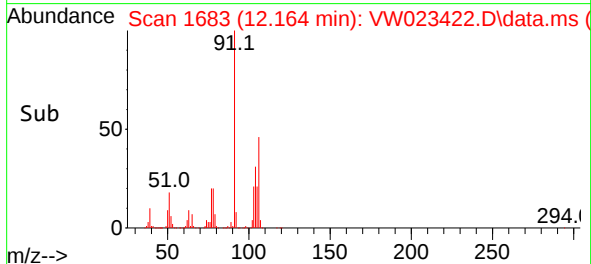
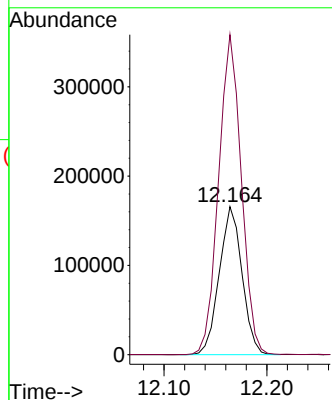
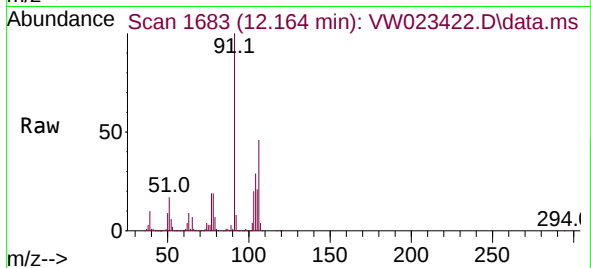
VSTD025566

Tgt Ion:106 Resp: 254742

Ion Ratio Lower Upper

106 100

91 216.3 147.2 273.4



#55

Styrene

Concen: 27.603 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW023422.D

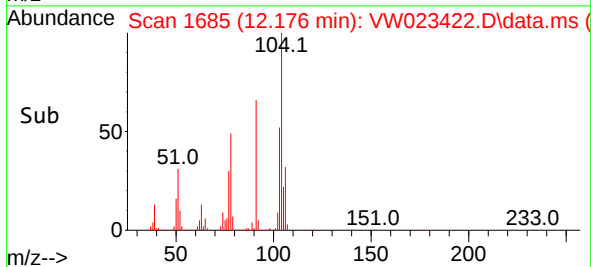
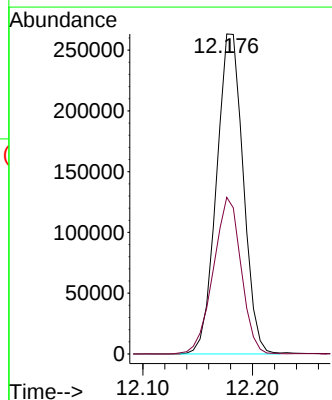
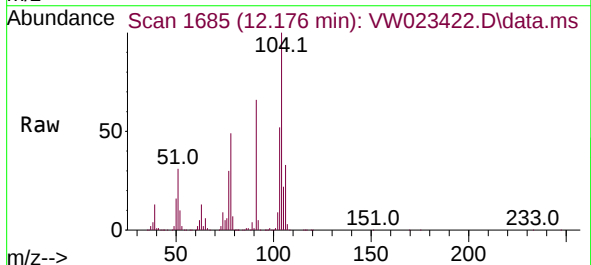
Acq: 08 Jun 2022 09:32

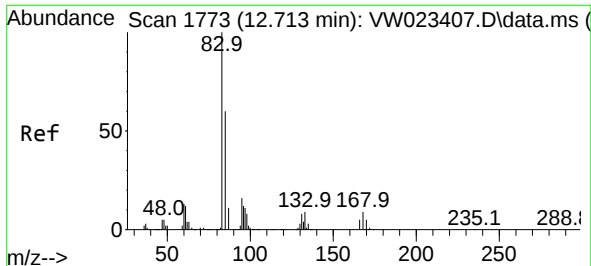
Tgt Ion:104 Resp: 446538

Ion Ratio Lower Upper

104 100

78 49.0 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 28.534 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

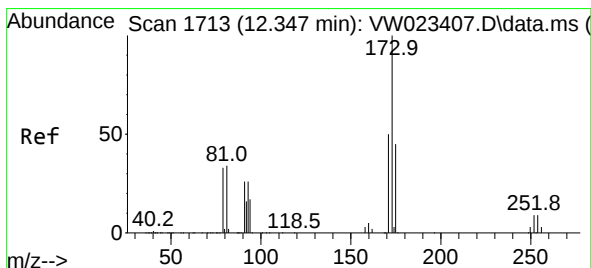
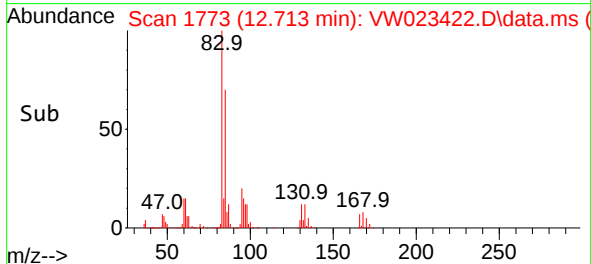
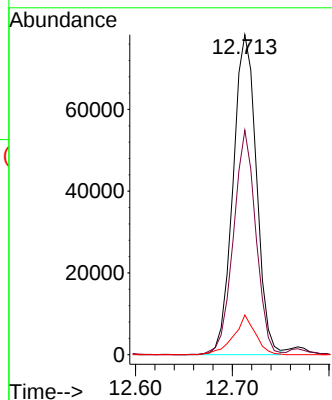
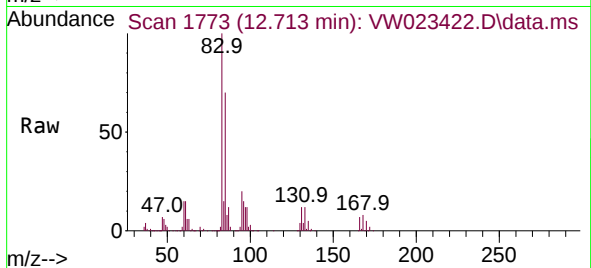
Tgt Ion: 83 Resp: 131372

Ion Ratio Lower Upper

83 100

85 70.2 47.5 88.1

131 12.4 8.7 13.1



#59

Bromoform

Concen: 26.173 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

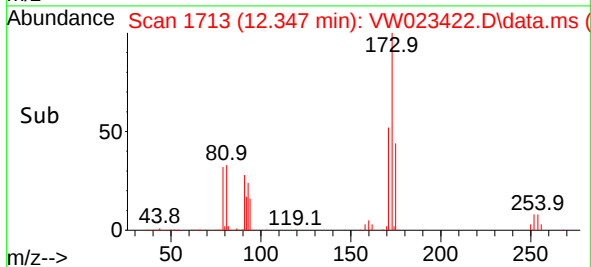
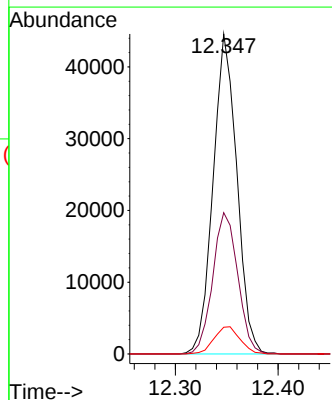
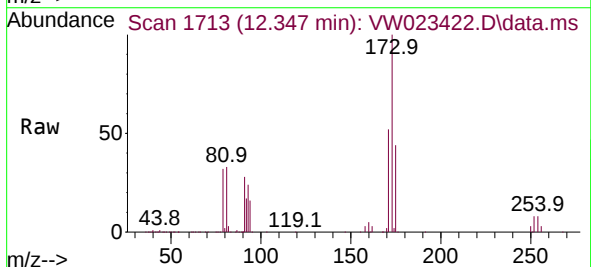
Tgt Ion: 173 Resp: 71417

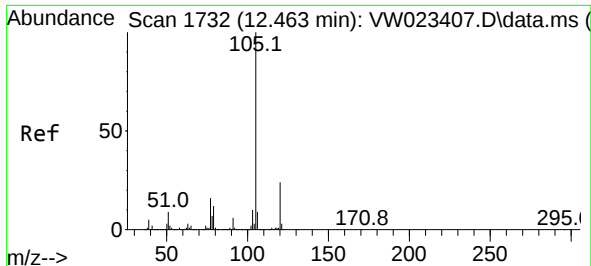
Ion Ratio Lower Upper

173 100

175 46.7 38.1 57.1

254 9.3 6.5 9.7

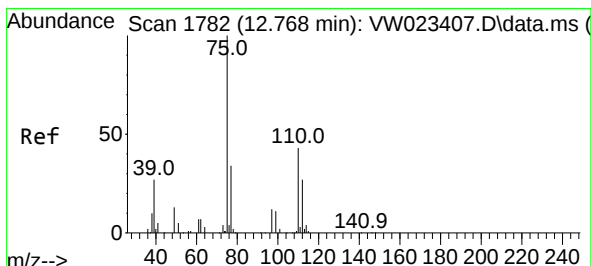
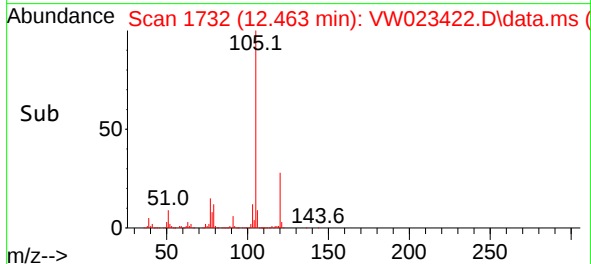
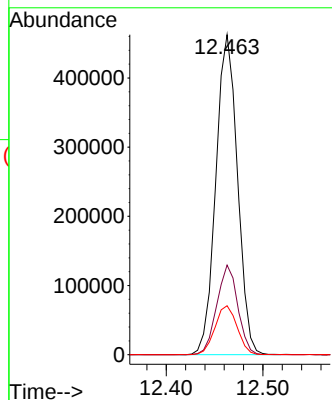
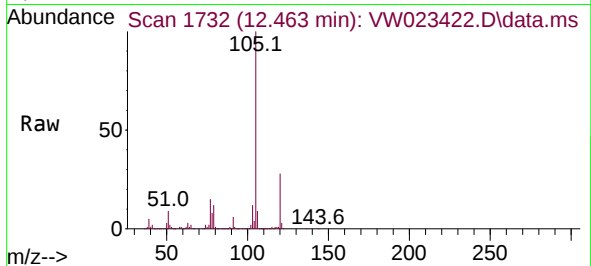




#60
Isopropylbenzene
Concen: 25.444 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

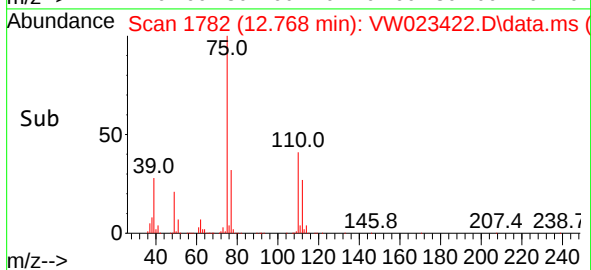
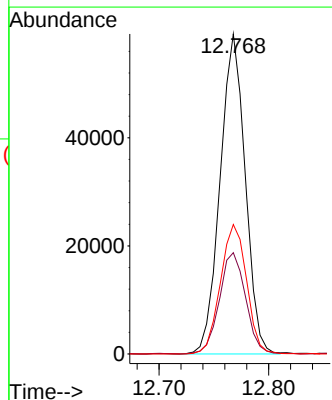
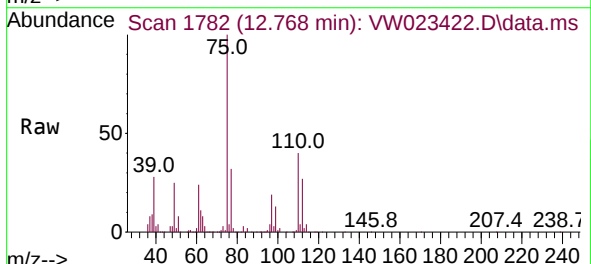
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

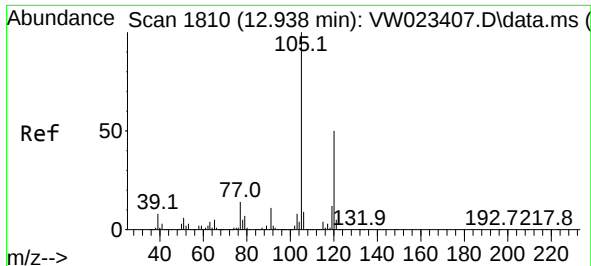
Tgt Ion:105 Resp: 716964
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 26.461 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion: 75 Resp: 94241
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.2
110 42.1 34.1 51.1

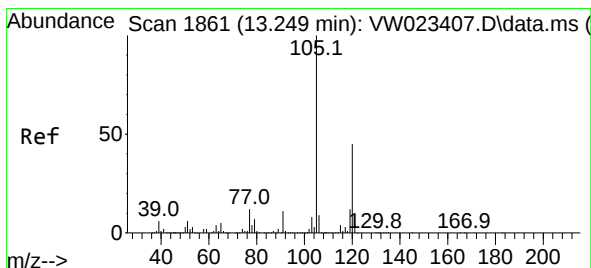
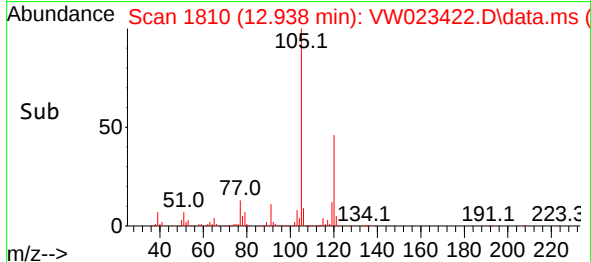
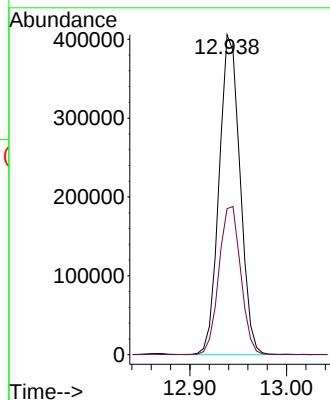
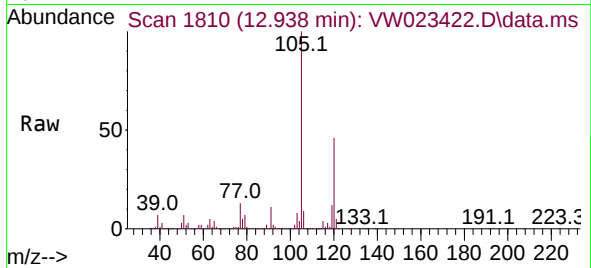




#62
1,3,5-Trimethylbenzene
Concen: 26.089 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

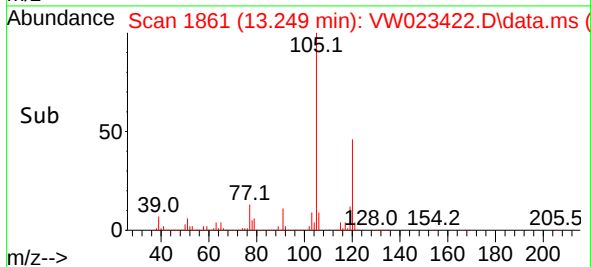
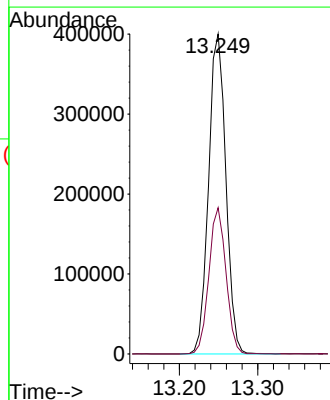
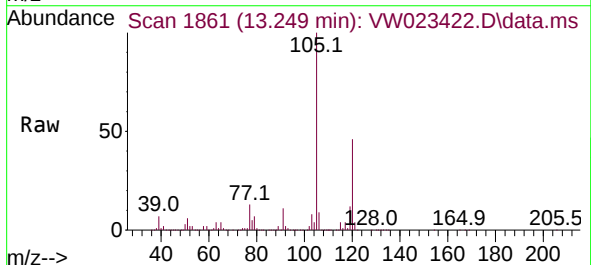
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

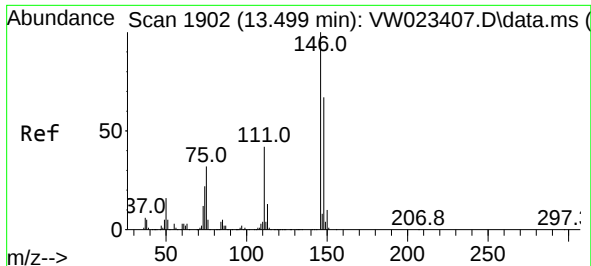
Tgt Ion:105 Resp: 608457
Ion Ratio Lower Upper
105 100
120 48.5 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 26.520 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion:105 Resp: 612152
Ion Ratio Lower Upper
105 100
120 45.1 37.4 56.2

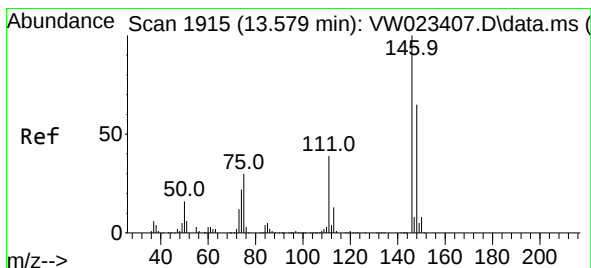
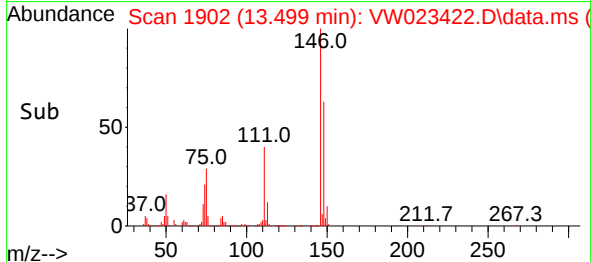
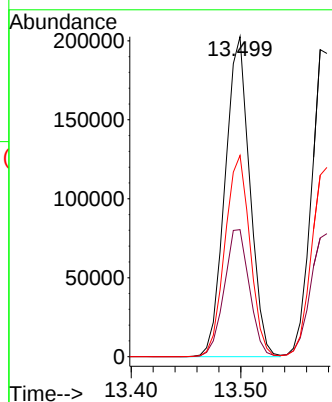
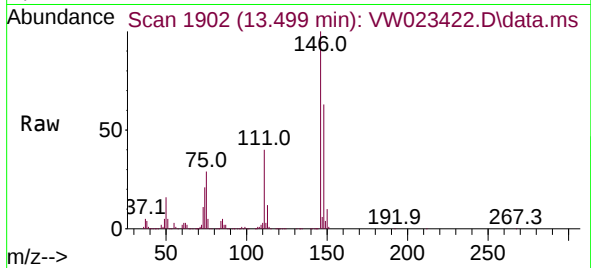




#64
1,3-Dichlorobenzene
Concen: 24.812 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

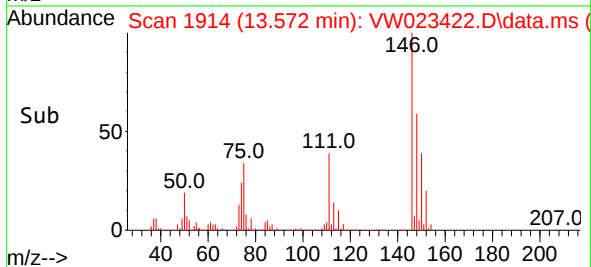
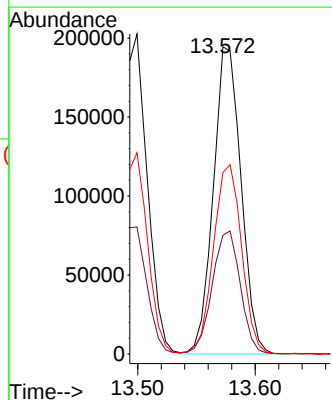
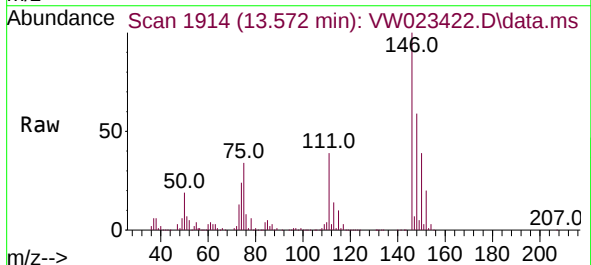
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

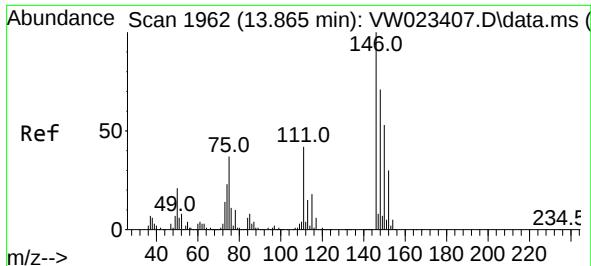
Tgt Ion:146 Resp: 317233
Ion Ratio Lower Upper
146 100
111 39.7 29.5 54.9
148 62.9 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.438 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion:146 Resp: 319562
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.4
148 59.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.752 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

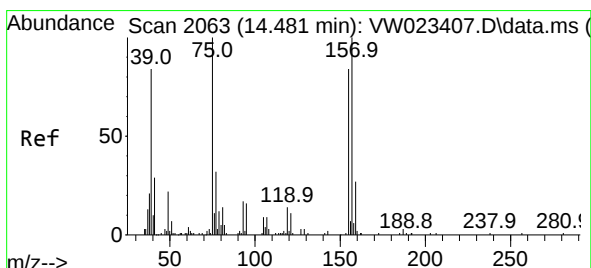
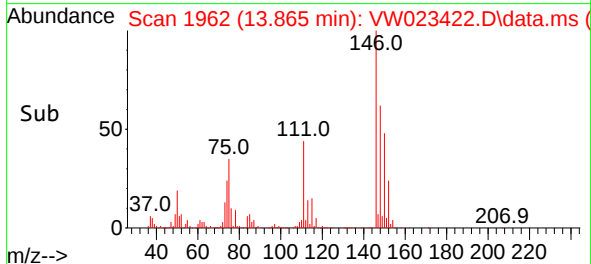
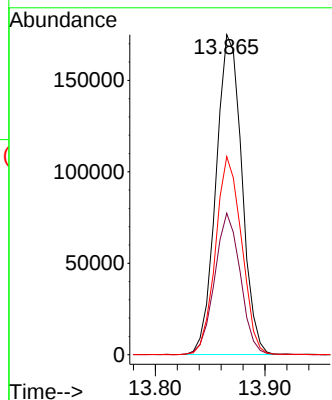
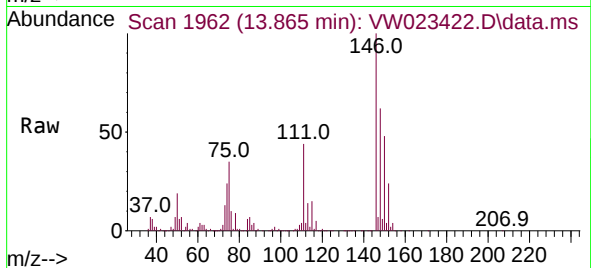
Tgt Ion:146 Resp: 287093

Ion Ratio Lower Upper

146 100

111 44.2 35.7 53.5

148 61.9 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.524 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023422.D

Acq: 08 Jun 2022 09:32

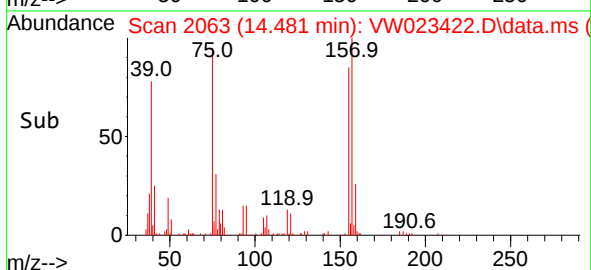
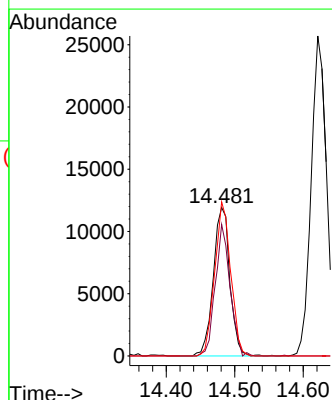
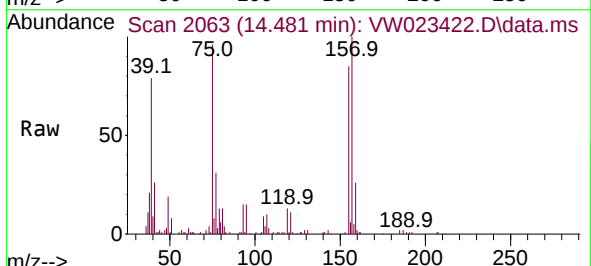
Tgt Ion: 75 Resp: 20060

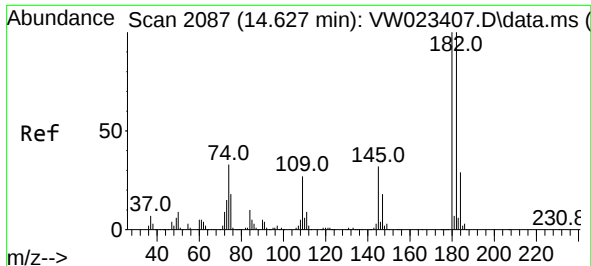
Ion Ratio Lower Upper

75 100

155 88.7 59.3 88.9

157 103.8 89.8 134.8

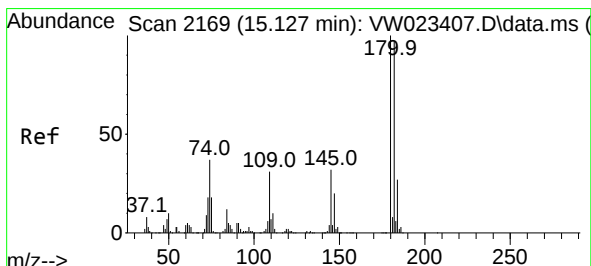
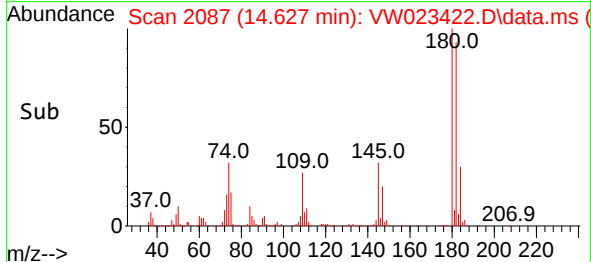
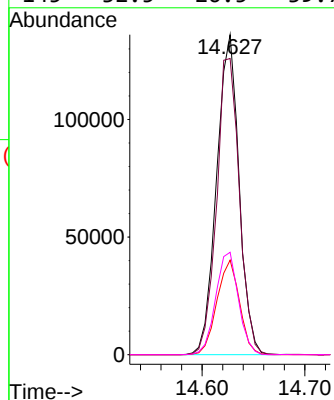
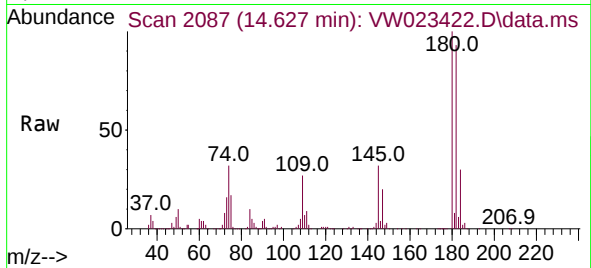




#69
1,3,5-Trichlorobenzene
Concen: 24.342 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

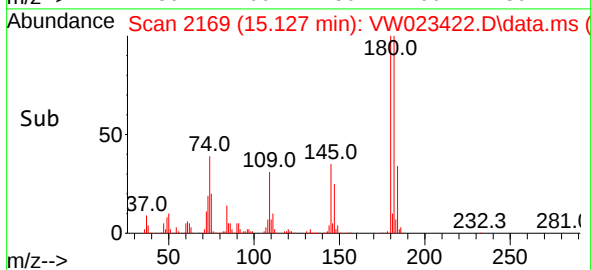
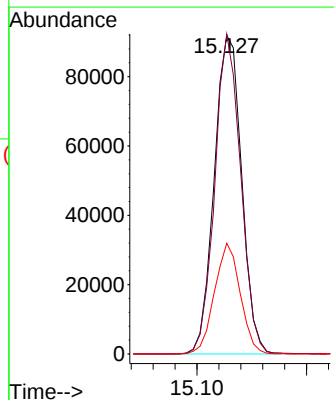
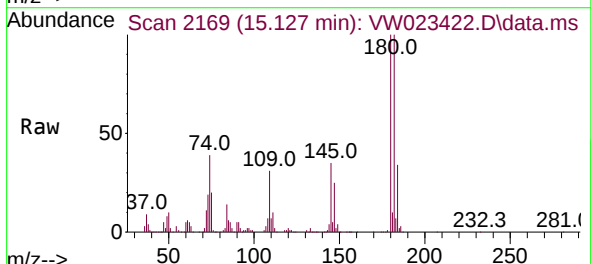
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

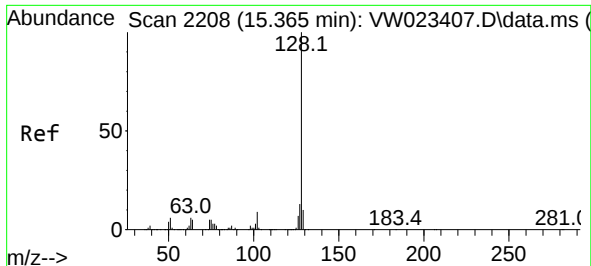
Tgt Ion:	180	Resp:	205795
Ion Ratio	Lower	Upper	
180	100		
182	94.2	74.8	112.2
184	29.8	23.4	35.2
145	32.5	26.5	39.7



#70
1,2,4-trichlorobenzene
Concen: 24.346 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion:	180	Resp:	159432
Ion Ratio	Lower	Upper	
180	100		
182	94.9	74.9	112.3
145	32.7	26.6	39.8

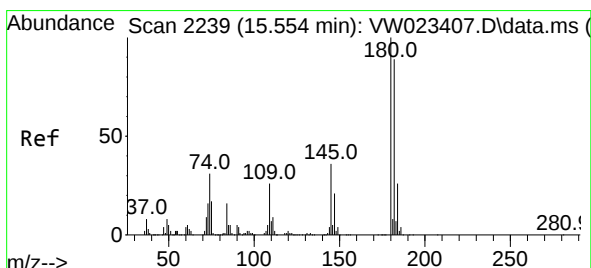
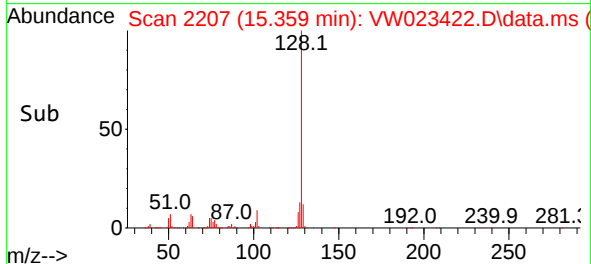
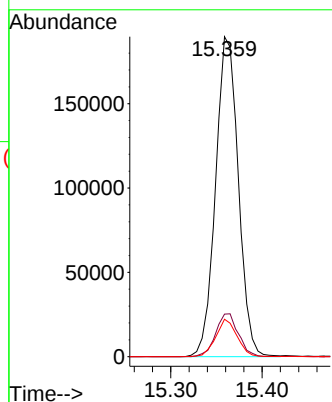
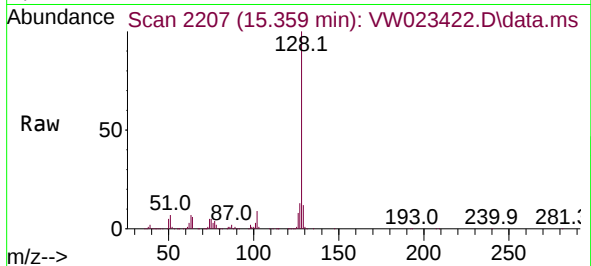




#71
Naphthalene
Concen: 27.048 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

Tgt Ion:128 Resp: 328727
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.579 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW023422.D
Acq: 08 Jun 2022 09:32

Tgt Ion:180 Resp: 139953
Ion Ratio Lower Upper
180 100
182 94.1 73.5 110.3
145 34.8 27.9 41.9

