

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022122\
 Data File : VW022081.D
 Acq On : 21 Feb 2022 09:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025558

Quant Time: Feb 22 00:35:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 01:57:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	160904	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	148997	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	81220	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38180	19.699	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.800%
7) Chloroethane-d5	2.885	69	31806	21.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.280%
11) 1,1-Dichloroethene-d2	4.019	63	74159	21.657	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.640%
21) 2-Butanone-d5	7.080	46	16683	48.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.060%
24) Chloroform-d	7.653	84	88056	23.522	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	8.305	65	44237	23.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	8.275	84	164603	21.861	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.440%
36) 1,2-Dichloropropane-d6	9.275	67	45796	22.361	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.440%
41) Toluene-d8	10.323	98	162865	21.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.280%
43) trans-1,3-Dichloroprop...	10.579	79	20104	22.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.640%
47) 2-Hexanone-d5	10.921	63	15185	50.998	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.000%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	40247	24.095	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	60791	20.748	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	7625	20.345	ug/L	95
3) Chloromethane	2.215	50	37938	22.435	ug/L	97
5) Vinyl chloride	2.361	62	56205	23.142	ug/L	99
6) Bromomethane	2.782	94	39936	19.337	ug/L	96
8) Chloroethane	2.922	64	30471	24.415	ug/L	99
9) Trichlorofluoromethane	3.263	101	44641	24.348	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	49139	25.295	ug/L	99
12) 1,1-Dichloroethene	4.038	96	44098	24.598	ug/L	99
13) Acetone	4.135	43	14022	43.674	ug/L	96
14) Carbon disulfide	4.385	76	115817	22.148	ug/L	98
15) Methyl Acetate	4.672	43	15409	26.246	ug/L #	87
16) Methylene chloride	4.916	84	45487	24.261	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	49001	24.511	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	67153	26.197	ug/L	99
19) 1,1-Dichloroethane	6.220	63	78902	25.474	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	52133	25.413	ug/L	96
22) 2-Butanone	7.171	43	21720	52.251	ug/L	95
23) Bromochloromethane	7.513	128	25044	24.792	ug/L	99
25) Chloroform	7.677	83	91122	25.991	ug/L	97

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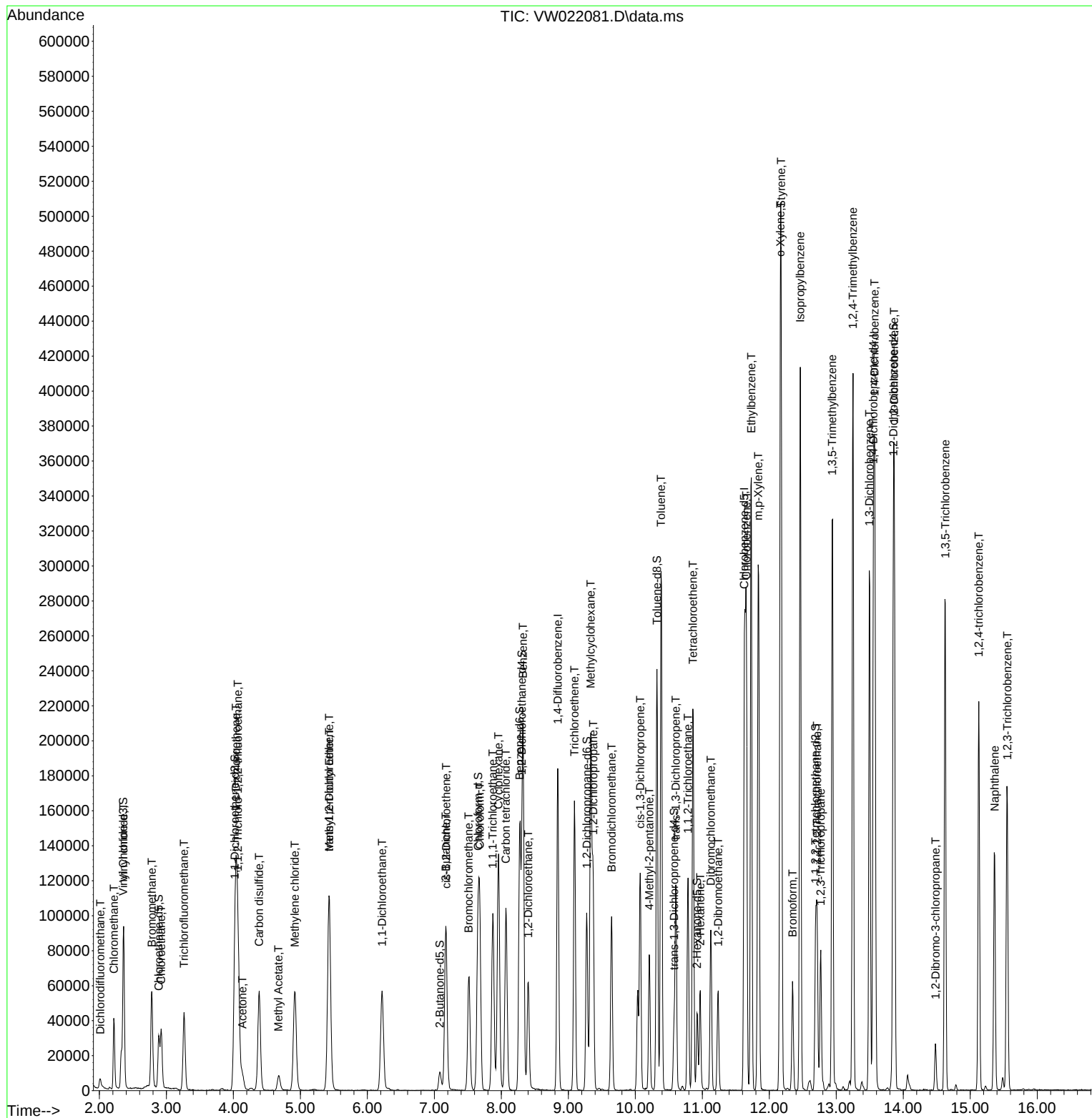
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	55340	26.816	ug/L	95
29) Cyclohexane	7.958	56	69771	23.855	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	82597	25.049	ug/L	99
31) Carbon tetrachloride	8.067	117	76862	23.815	ug/L	95
33) Benzene	8.324	78	192010	24.579	ug/L	100
34) Trichloroethene	9.092	95	55250	24.875	ug/L	98
35) Methylcyclohexane	9.336	83	87656	23.393	ug/L	99
37) 1,2-Dichloropropane	9.372	63	43416	25.304	ug/L	100
38) Bromodichloromethane	9.646	83	64519	26.331	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	71802	26.092	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	45133	53.614	ug/L	98
42) Toluene	10.384	91	223400	25.228	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	62977	26.546	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	37214	25.518	ug/L	96
46) Tetrachloroethene	10.860	164	48929	23.634	ug/L	92
48) 2-Hexanone	10.969	43	33755	53.872	ug/L	95
49) Dibromochloromethane	11.128	129	48766	26.555	ug/L	98
50) 1,2-Dibromoethane	11.238	107	37520	25.986	ug/L	93
51) Chlorobenzene	11.658	112	151370	25.117	ug/L	95
52) Ethylbenzene	11.731	91	249196	25.505	ug/L	99
53) m,p-Xylene	11.835	106	103561	25.547	ug/L	96
54) o-Xylene	12.164	106	97454	25.700	ug/L	95
55) Styrene	12.177	104	164424	26.844	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	42545	26.802	ug/L	98
59) Bromoform	12.347	173	27700	25.823	ug/L #	95
60) Isopropylbenzene	12.463	105	266998	25.161	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	31275	26.432	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	184064	26.154	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	219779	25.632	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	127308	25.040	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	127475	25.048	ug/L	89
67) 1,2-Dichlorobenzene	13.865	146	110878	24.538	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6367	26.449	ug/L	84
69) 1,3,5-Trichlorobenzene	14.627	180	91359	24.993	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	68737	23.674	ug/L	97
71) Naphthalene	15.365	128	123880	26.151	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	60262	24.283	ug/L	98

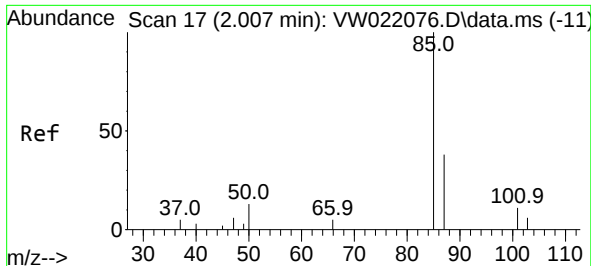
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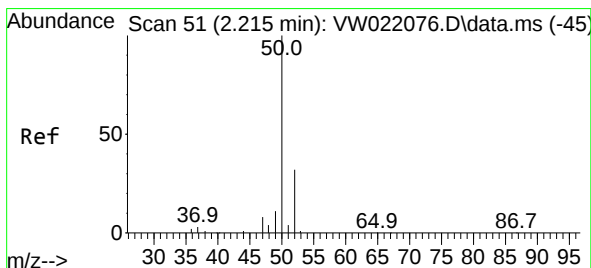
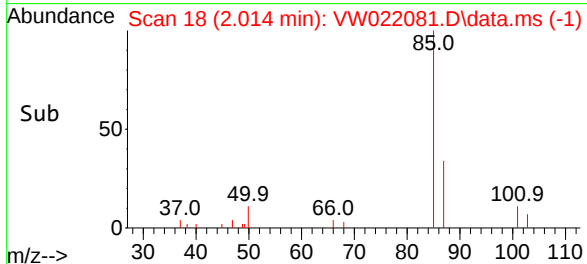
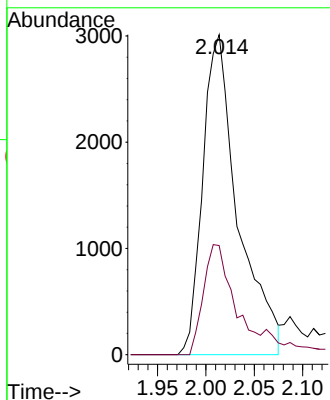
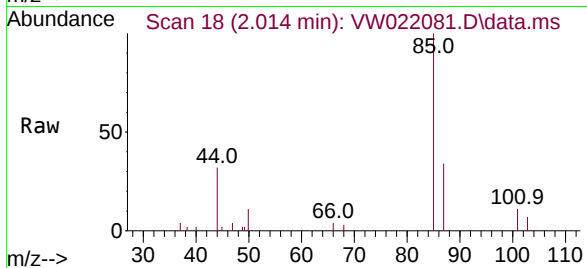




#2
 Dichlorodifluoromethane
 Concen: 20.345 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW022081.D
 Acq: 21 Feb 2022 09:26

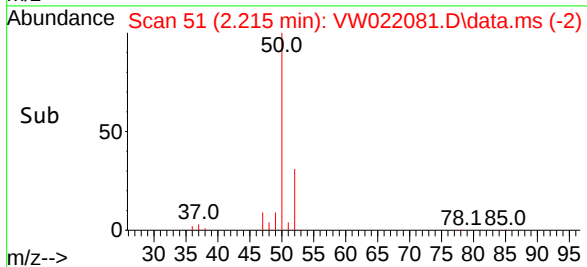
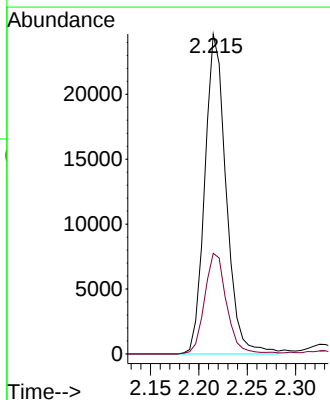
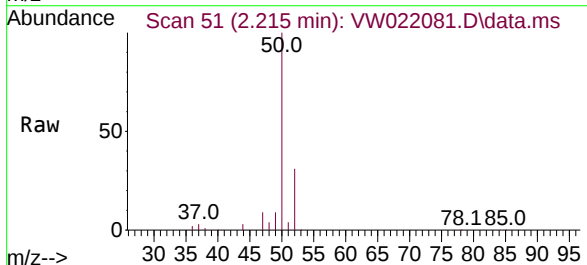
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 ClientSampleId :
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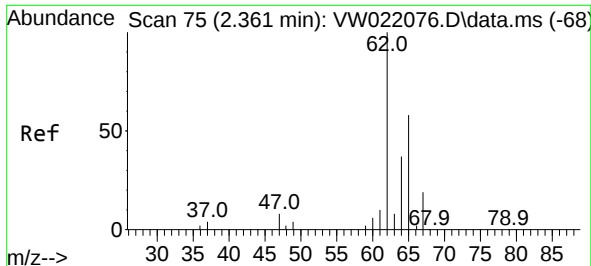
Tgt Ion: 85 Resp: 7625
 Ion Ratio Lower Upper
 85 100
 87 30.1 26.2 39.4



#3
 Chloromethane
 Concen: 22.435 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022081.D
 Acq: 21 Feb 2022 09:26

Tgt Ion: 50 Resp: 37938
 Ion Ratio Lower Upper
 50 100
 52 31.4 23.3 43.3

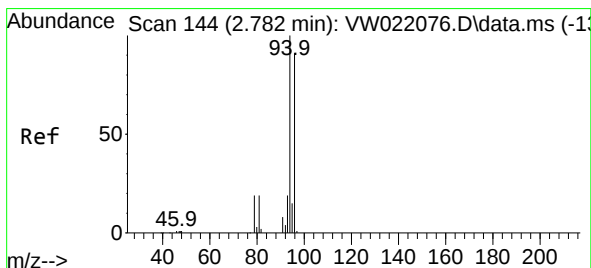
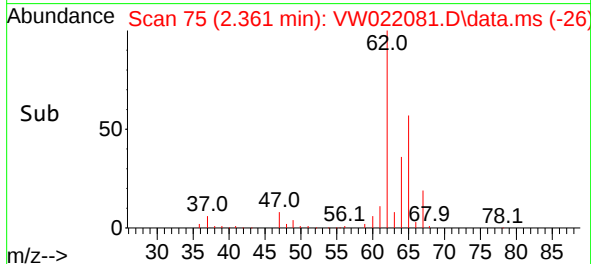
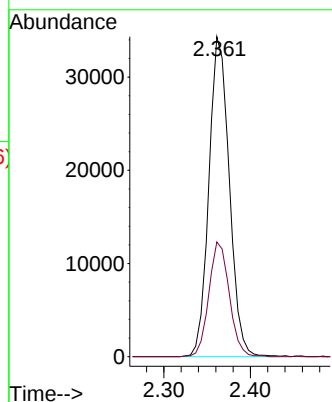
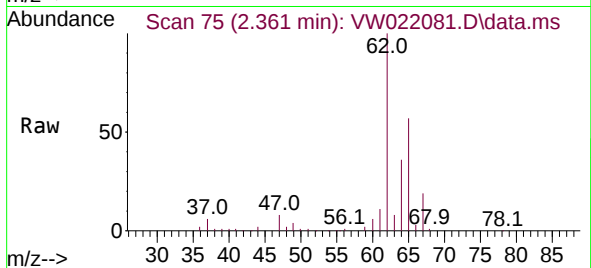




#5
 Vinyl chloride
 Concen: 23.142 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022081.D
 Acq: 21 Feb 2022 09:26

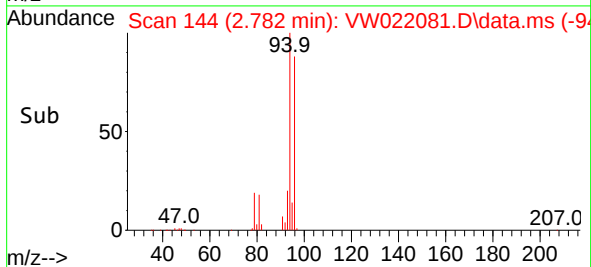
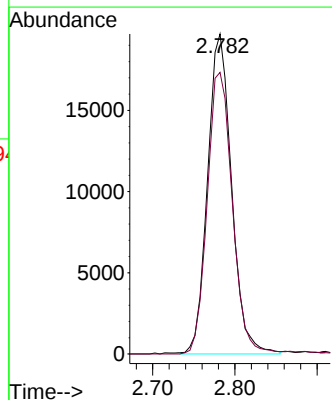
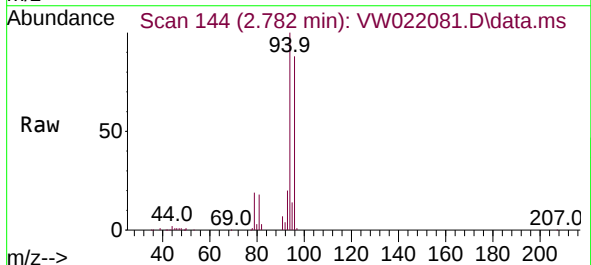
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 ClientSampleId :
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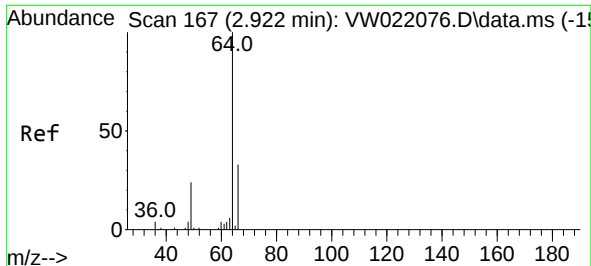
Tgt Ion: 62 Resp: 56205
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.6 45.6



#6
 Bromomethane
 Concen: 19.337 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW022081.D
 Acq: 21 Feb 2022 09:26

Tgt Ion: 94 Resp: 39936
 Ion Ratio Lower Upper
 94 100
 96 88.0 64.6 120.0





#8

Chloroethane

Concen: 24.415 ug/L

RT: 2.922 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

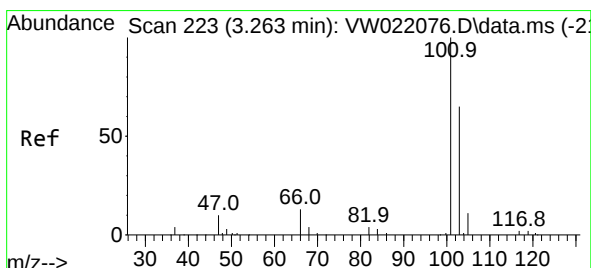
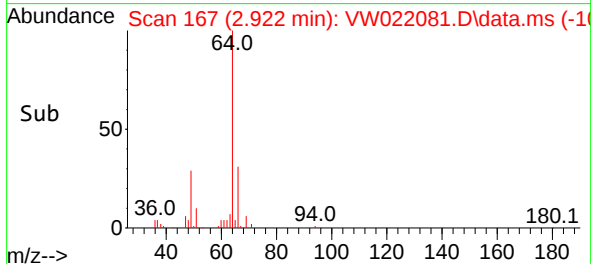
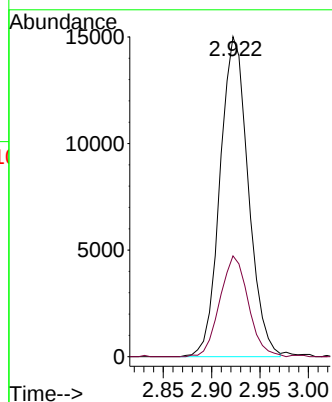
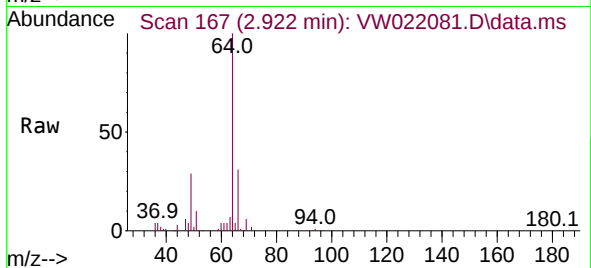
VSTD025558

Tgt Ion: 64 Resp: 30471

Ion Ratio Lower Upper

64 100

66 31.5 22.3 41.5



#9

Trichlorofluoromethane

Concen: 24.348 ug/L

RT: 3.263 min Scan# 223

Delta R.T. 0.006 min

Lab File: VW022081.D

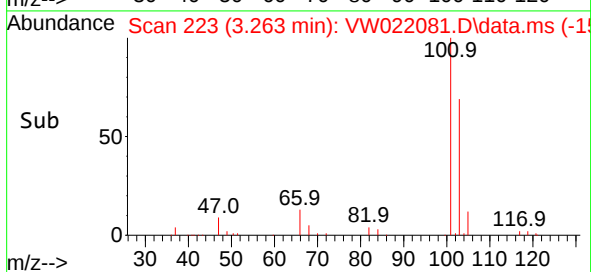
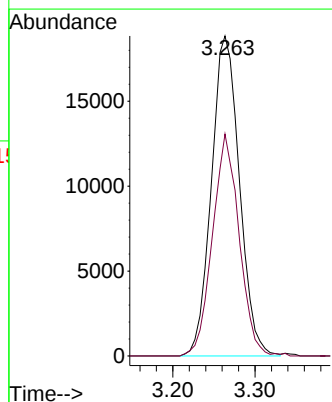
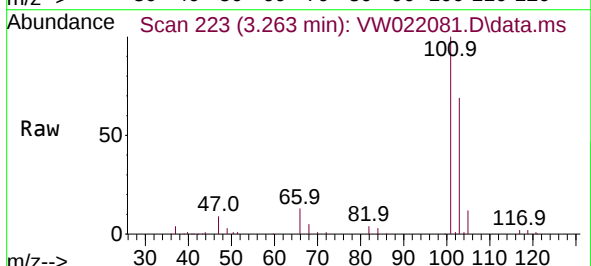
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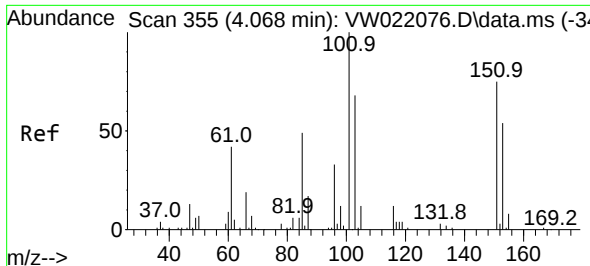
Tgt Ion:101 Resp: 44641

Ion Ratio Lower Upper

101 100

103 65.7 52.9 79.3

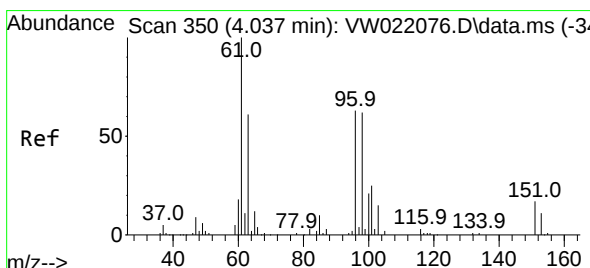
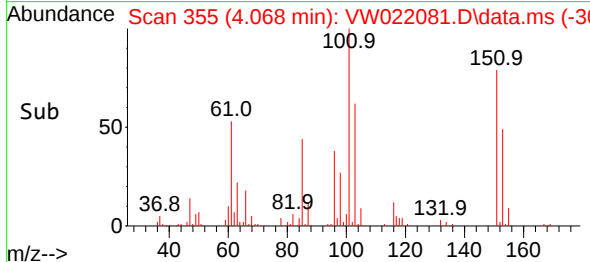
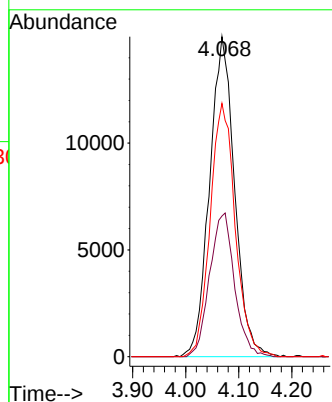
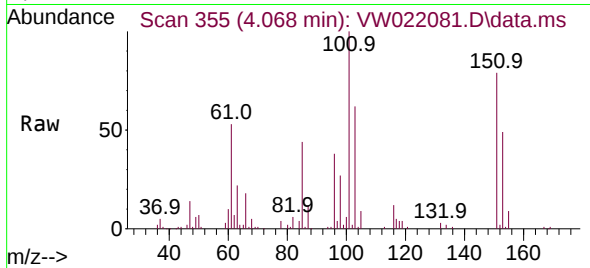




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.295 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW022081.D
 Acq: 21 Feb 2022 09:26

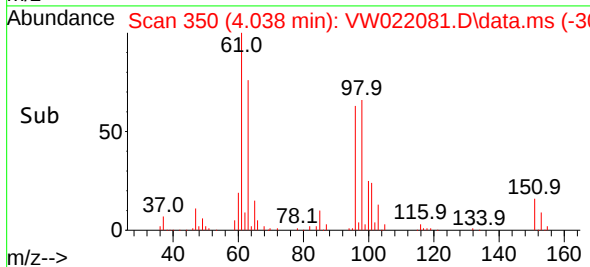
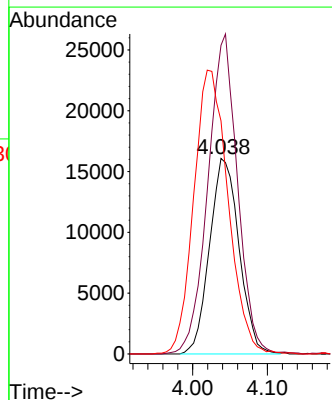
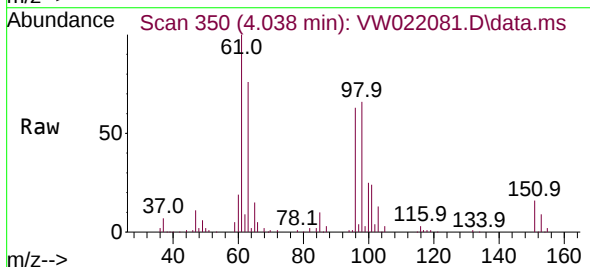
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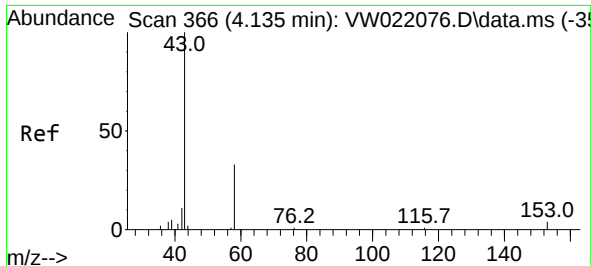
Tgt Ion:101 Resp: 49139
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.8 55.2
 151 79.3 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 24.598 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW022081.D
 Acq: 21 Feb 2022 09:26

Tgt Ion: 96 Resp: 44098
 Ion Ratio Lower Upper
 96 100
 61 157.9 111.5 207.1
 63 119.2 83.1 154.3

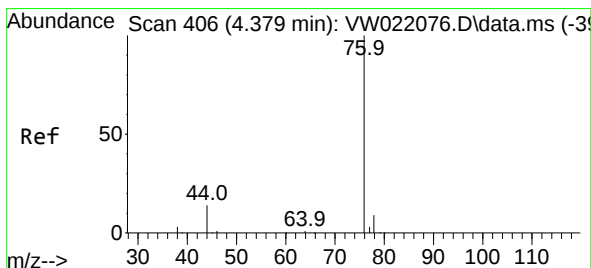
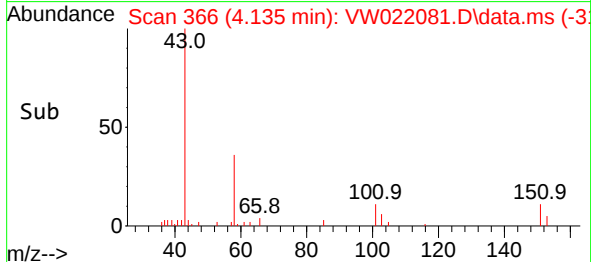
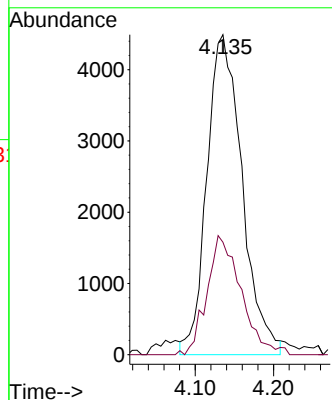
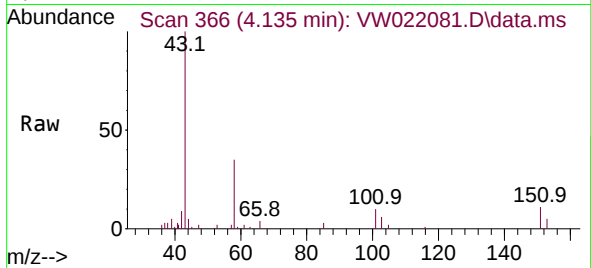




#13
Acetone
Concen: 43.674 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

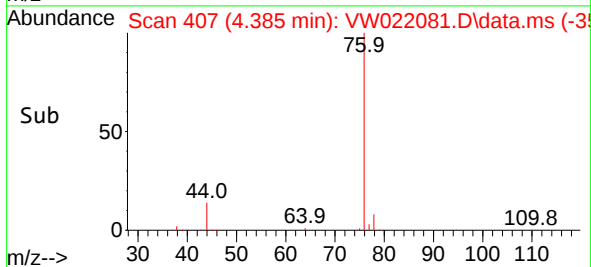
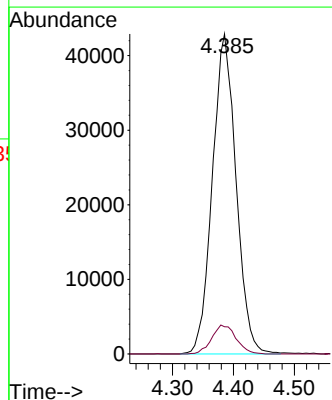
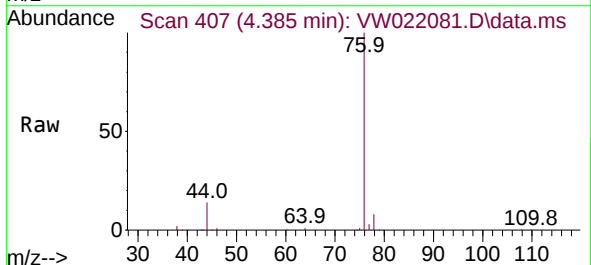
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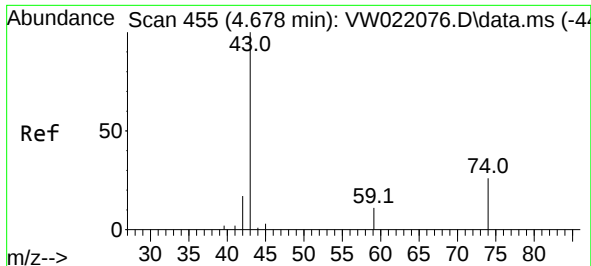
Tgt Ion: 43 Resp: 14022
Ion Ratio Lower Upper
43 100
58 35.4 0.0 66.0



#14
Carbon disulfide
Concen: 22.148 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 115817
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

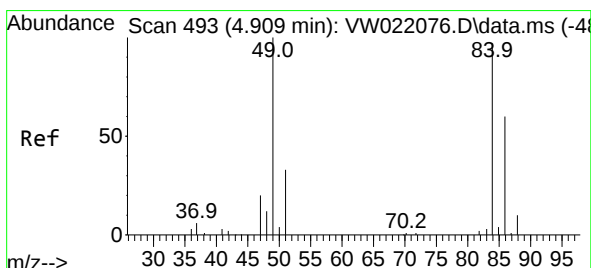
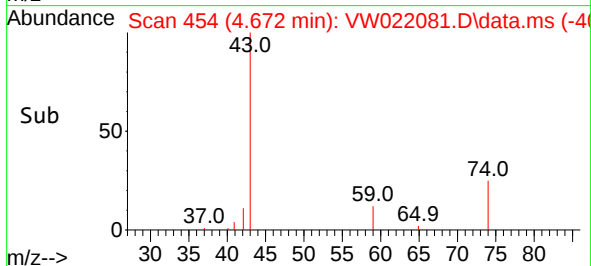
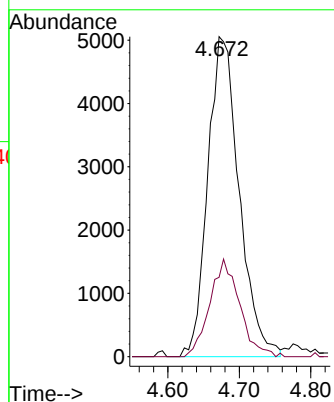
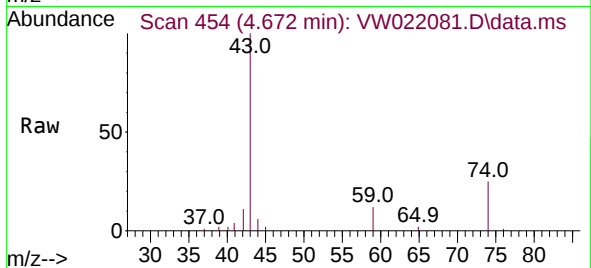




#15
Methyl Acetate
Concen: 26.246 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

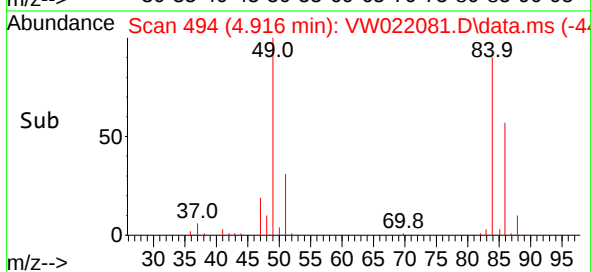
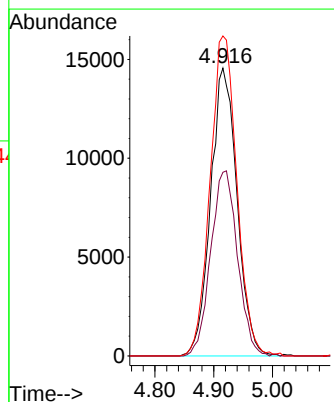
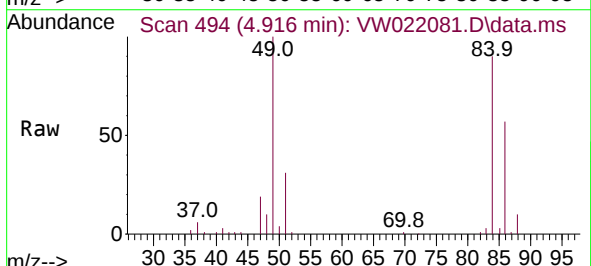
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

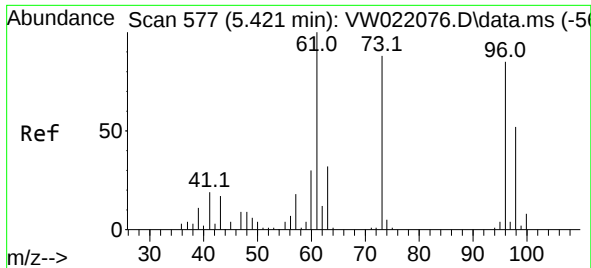
Tgt Ion: 43 Resp: 15409
Ion Ratio Lower Upper
43 100
74 28.9 18.0 27.0#



#16
Methylene chloride
Concen: 24.261 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion: 84 Resp: 45487
Ion Ratio Lower Upper
84 100
86 63.8 44.1 81.9
49 111.2 74.7 138.7

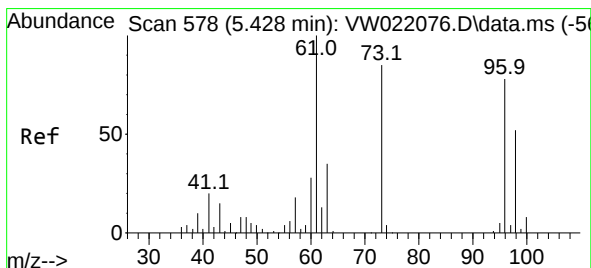
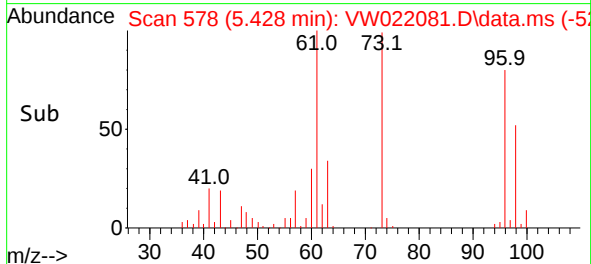
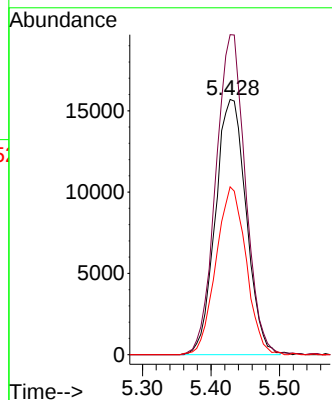
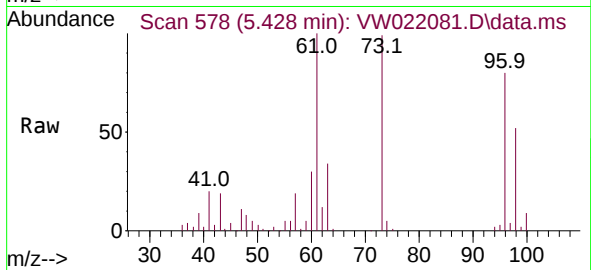




#17
trans-1,2-Dichloroethene
Concen: 24.511 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

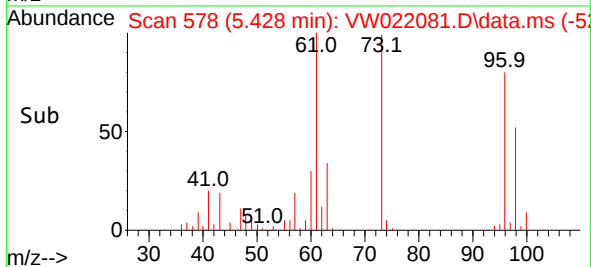
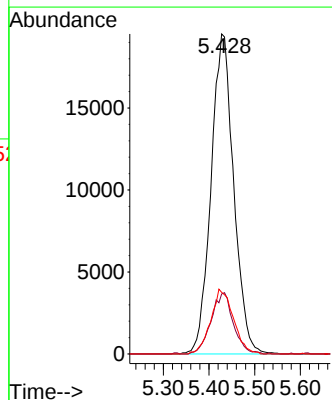
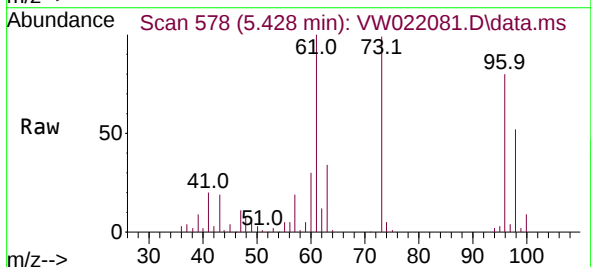
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

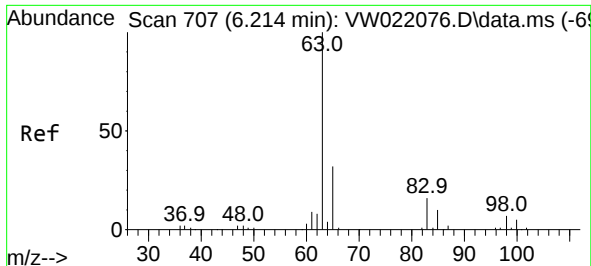
Tgt Ion: 96 Resp: 49001
Ion Ratio Lower Upper
96 100
61 125.4 84.3 156.5
98 65.7 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 26.197 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion: 73 Resp: 67153
Ion Ratio Lower Upper
73 100
43 18.7 15.3 22.9
57 20.2 16.3 24.5





#19

1,1-Dichloroethane

Concen: 25.474 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025558

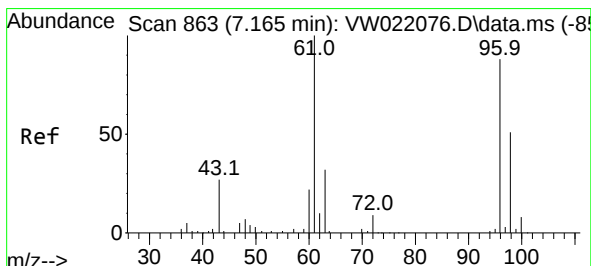
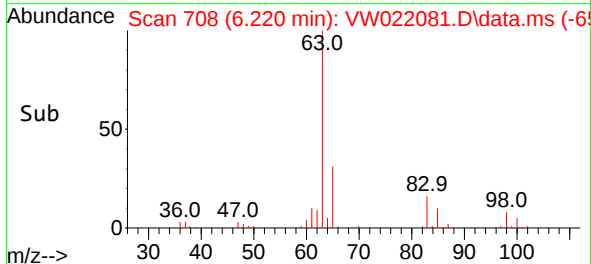
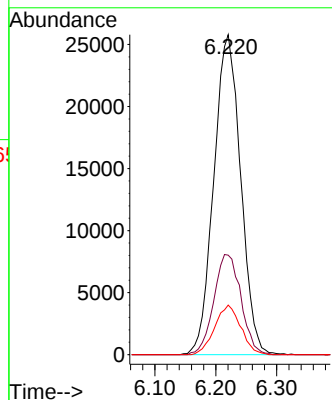
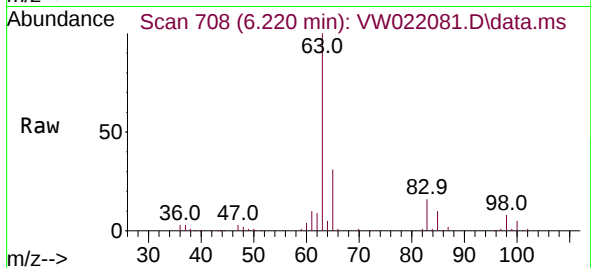
Tgt Ion: 63 Resp: 78902

Ion Ratio Lower Upper

63 100

65 31.1 20.9 38.7

83 15.5 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 25.413 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.012 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

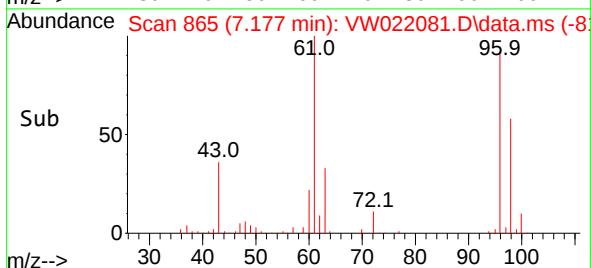
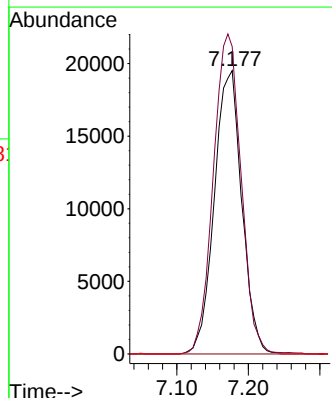
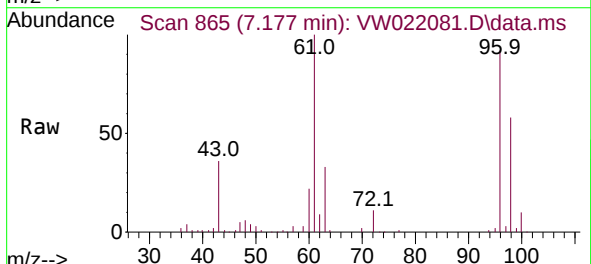
Tgt Ion: 96 Resp: 52133

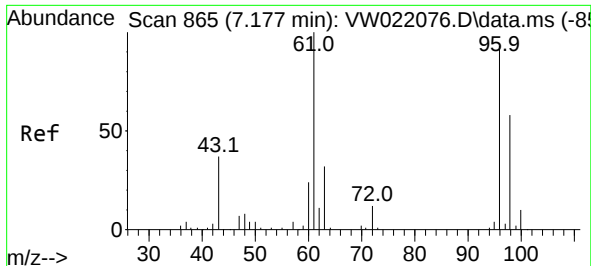
Ion Ratio Lower Upper

96 100

61 108.5 79.0 146.8

68 0.0 0.0 0.0

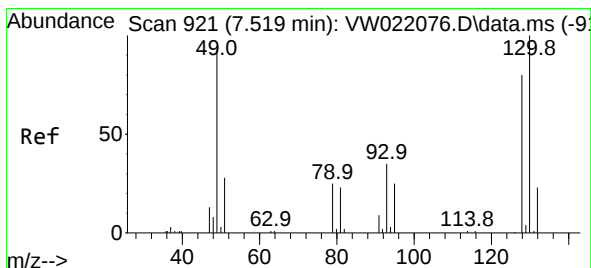
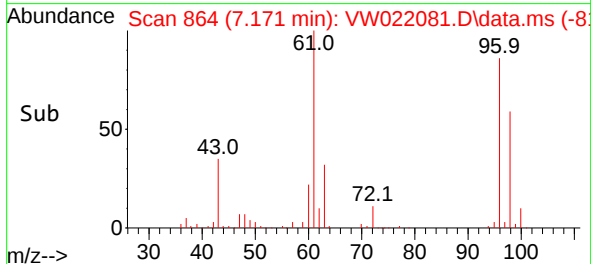
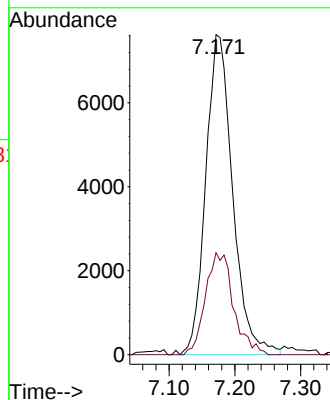
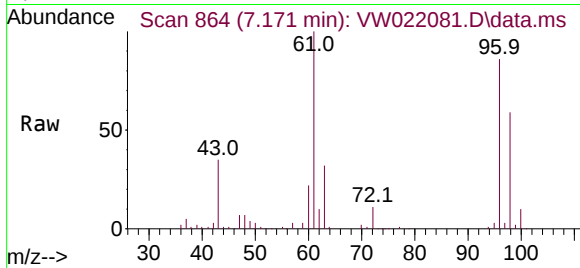




#22
2-Butanone
Concen: 52.251 ug/L
RT: 7.171 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

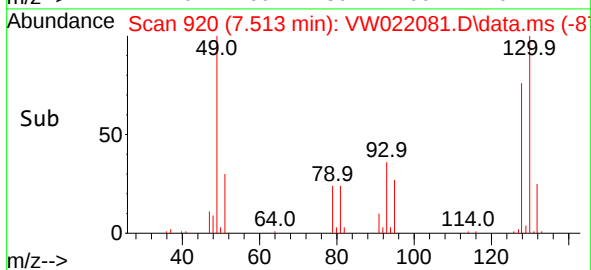
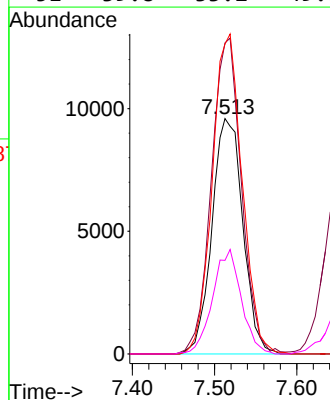
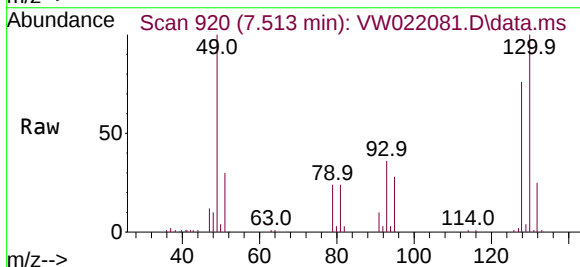
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

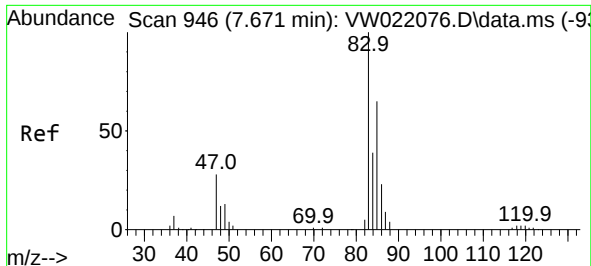
Tgt Ion: 43 Resp: 21720
Ion Ratio Lower Upper
43 100
72 30.5 16.8 50.4



#23
Bromochloromethane
Concen: 24.792 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion: 128 Resp: 25044
Ion Ratio Lower Upper
128 100
49 132.2 92.7 172.3
130 131.7 92.5 171.7
51 39.8 33.2 49.8

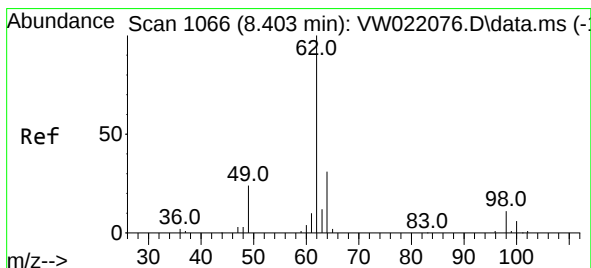
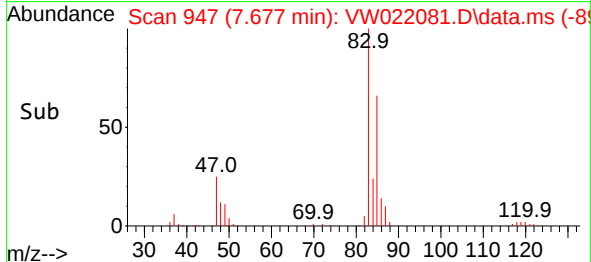
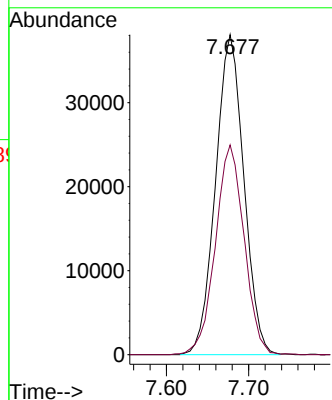
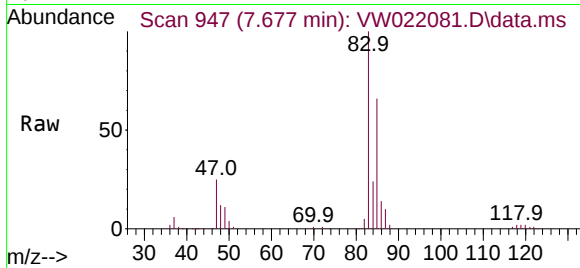




#25
Chloroform
Concen: 25.991 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

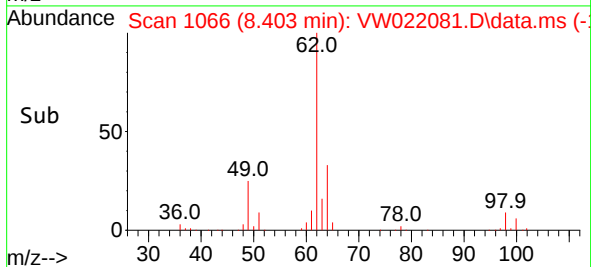
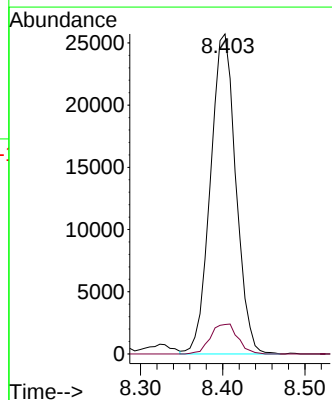
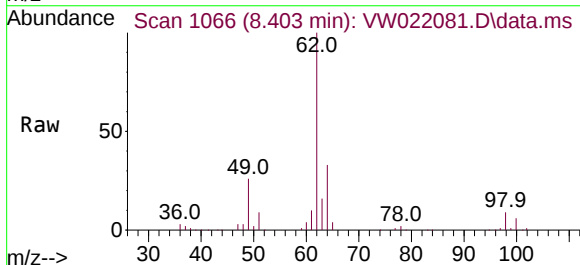
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

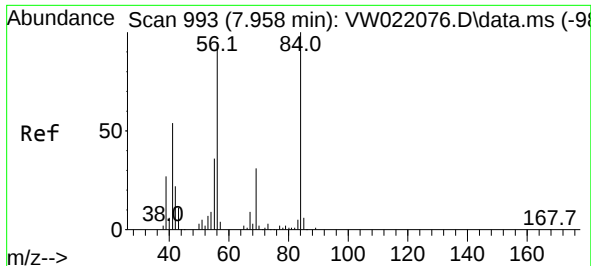
Tgt Ion: 83 Resp: 91122
Ion Ratio Lower Upper
83 100
85 65.6 44.2 82.2



#27
1,2-Dichloroethane
Concen: 26.816 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion: 62 Resp: 55340
Ion Ratio Lower Upper
62 100
98 9.2 8.8 13.2

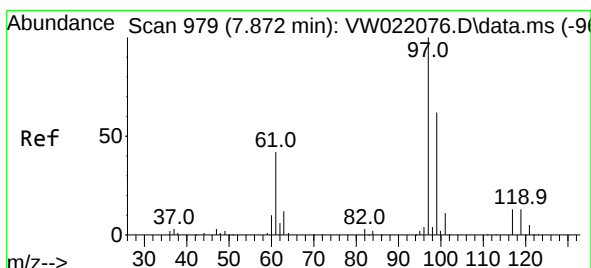
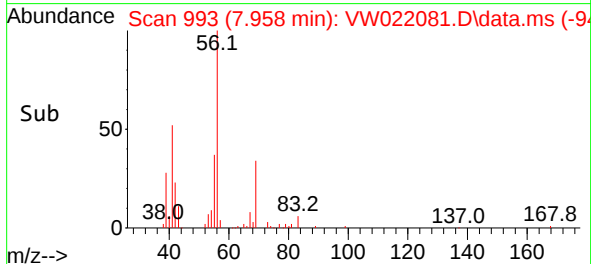
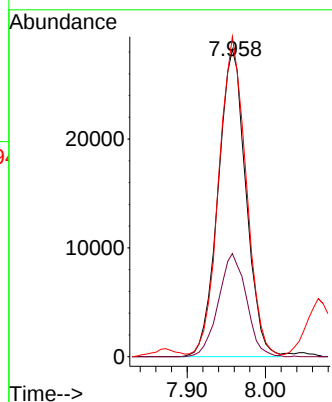
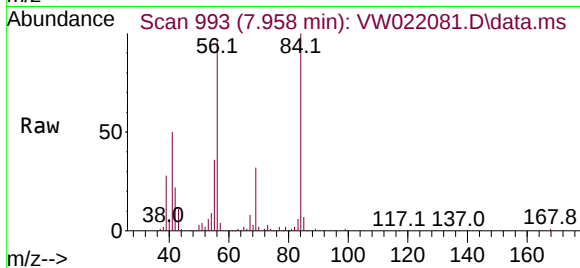




#29
Cyclohexane
Concen: 23.855 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

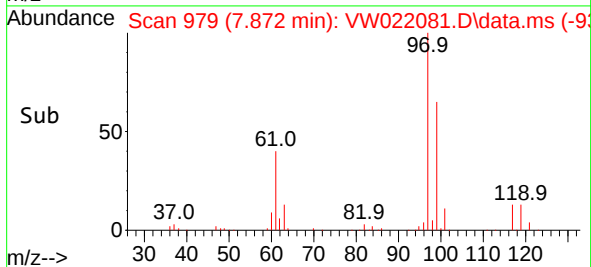
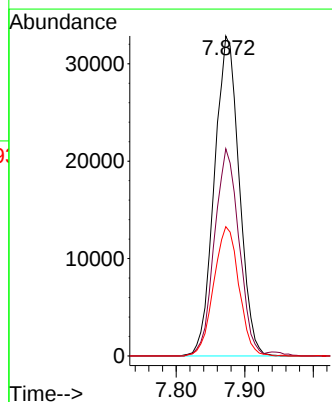
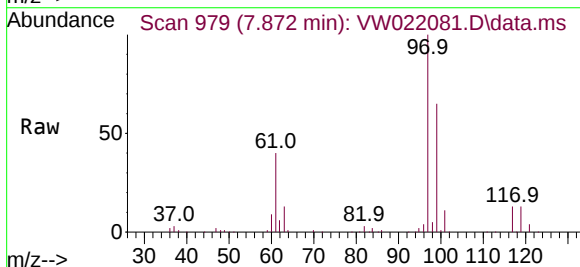
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

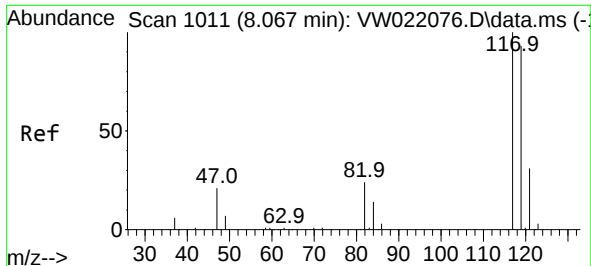
Tgt Ion: 56 Resp: 69771
Ion Ratio Lower Upper
56 100
69 33.6 26.3 39.5
84 102.5 82.3 123.5



#30
1,1,1-Trichloroethane
Concen: 25.049 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion: 97 Resp: 82597
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 41.0 32.3 48.5

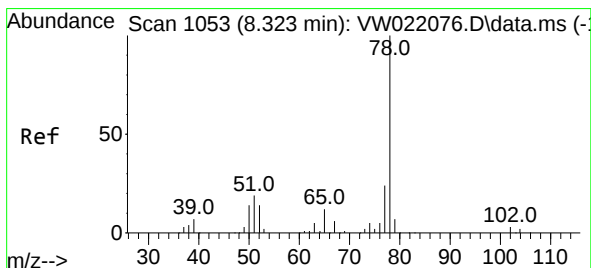
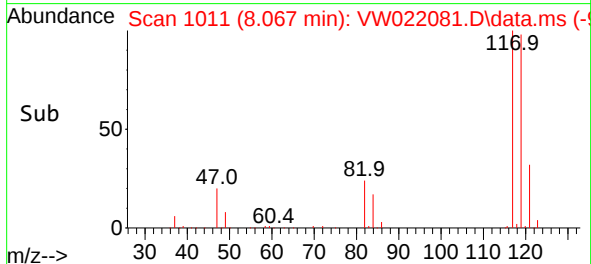
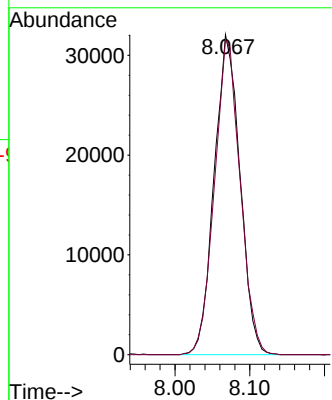
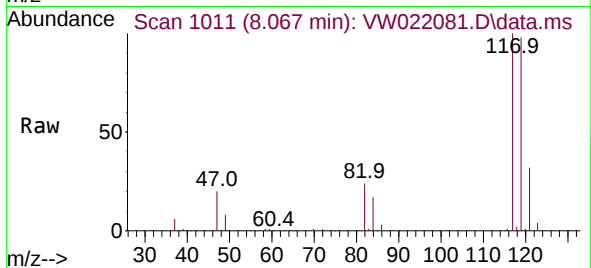




#31
Carbon tetrachloride
Concen: 23.815 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

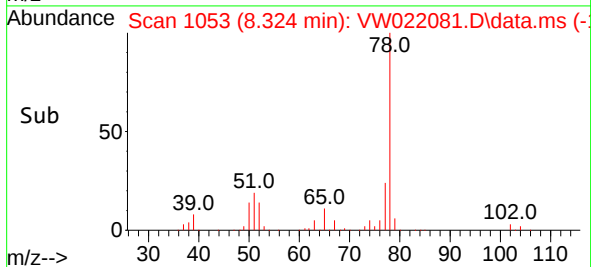
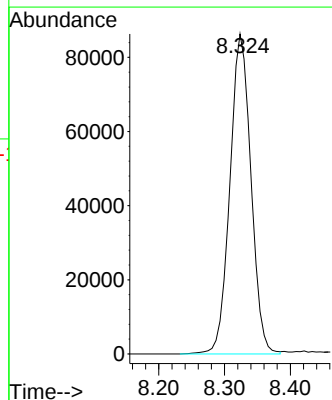
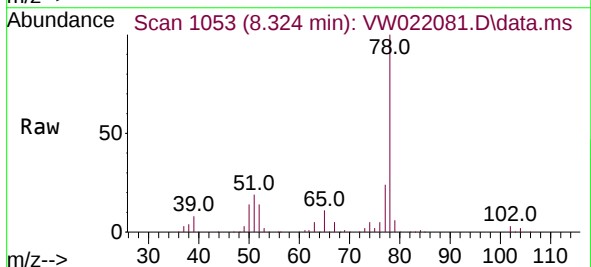
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

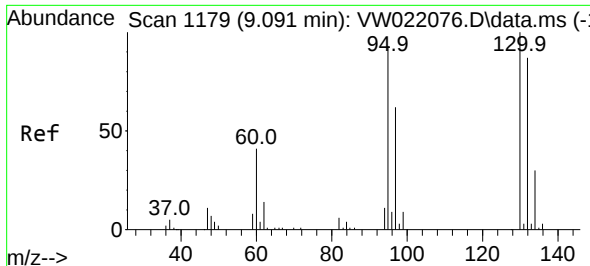
Tgt Ion:117 Resp: 76862
Ion Ratio Lower Upper
117 100
119 98.1 74.7 112.1



#33
Benzene
Concen: 24.579 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion: 78 Resp: 192010

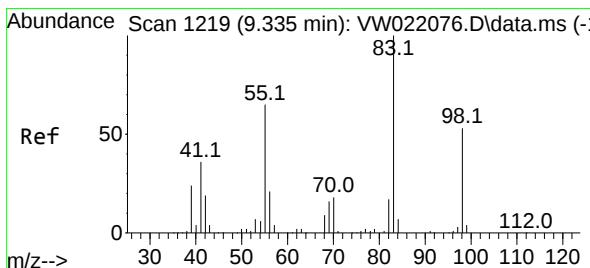
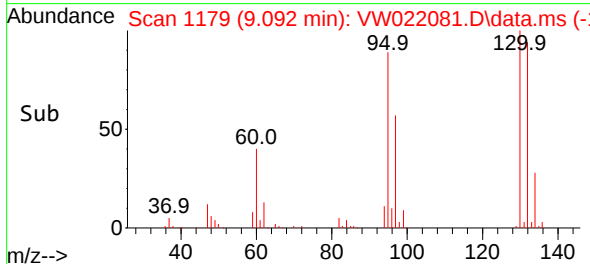
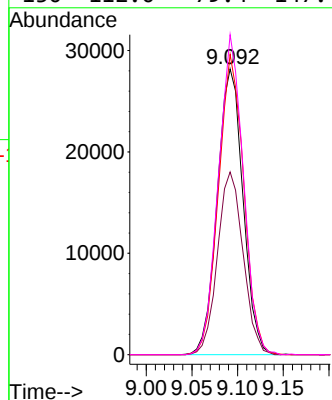
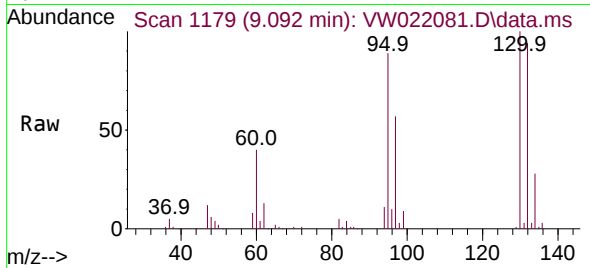




#34
Trichloroethene
Concen: 24.875 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

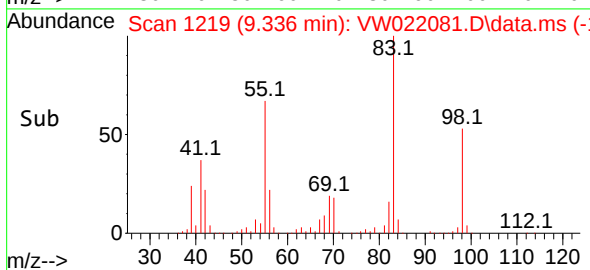
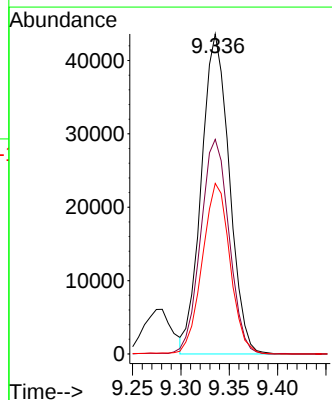
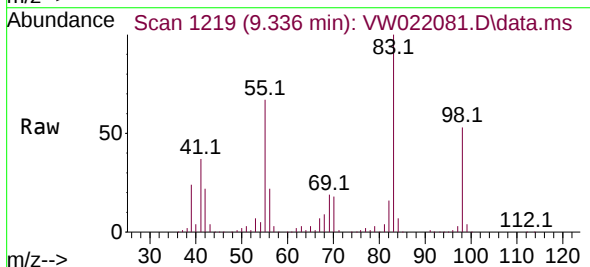
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

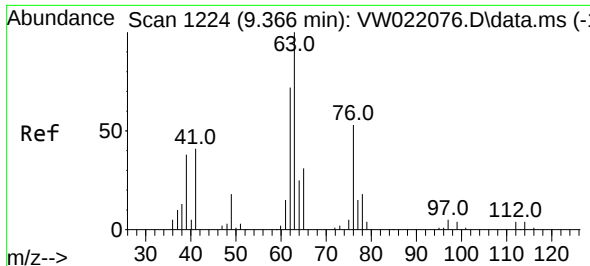
Tgt Ion: 95 Resp: 55250
Ion Ratio Lower Upper
95 100
97 64.0 45.1 83.7
132 105.1 76.1 141.3
130 112.0 79.4 147.4



#35
Methylcyclohexane
Concen: 23.393 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion: 83 Resp: 87656
Ion Ratio Lower Upper
83 100
55 68.1 53.4 80.2
98 52.9 42.6 63.8





#37

1,2-Dichloropropane

Concen: 25.304 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

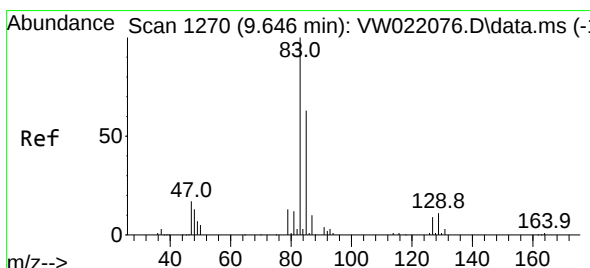
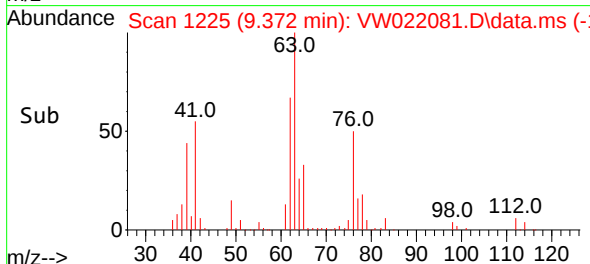
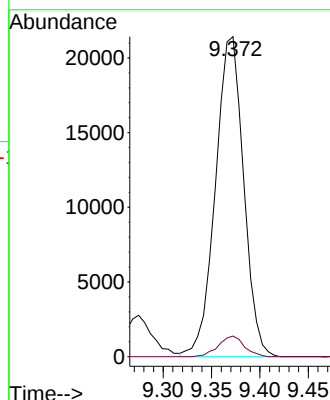
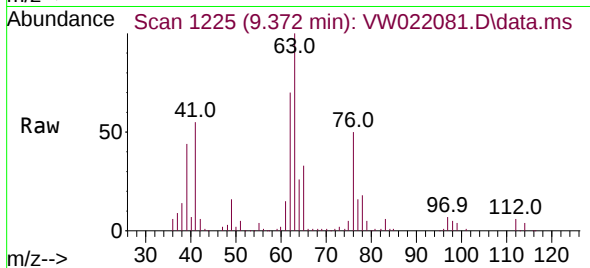
VSTD025558

Tgt Ion: 63 Resp: 43416

Ion Ratio Lower Upper

63 100

112 5.9 4.7 7.1



#38

Bromodichloromethane

Concen: 26.331 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

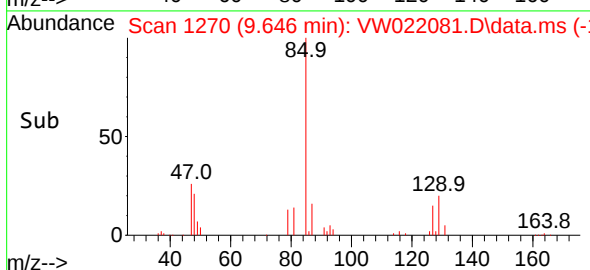
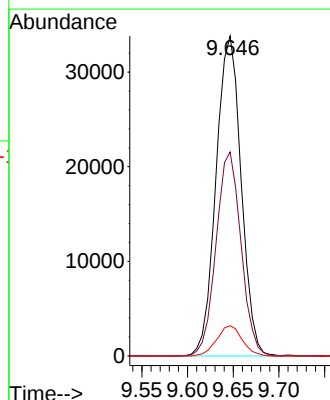
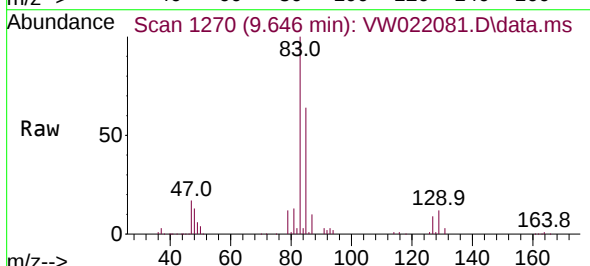
Tgt Ion: 83 Resp: 64519

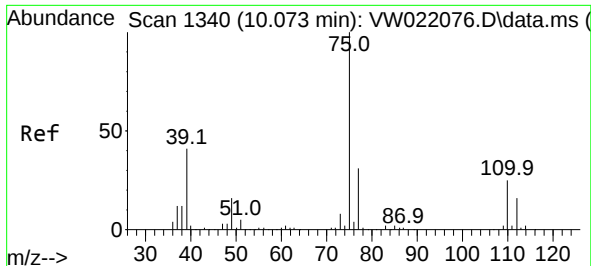
Ion Ratio Lower Upper

83 100

85 63.7 44.7 83.1

127 9.5 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 26.092 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

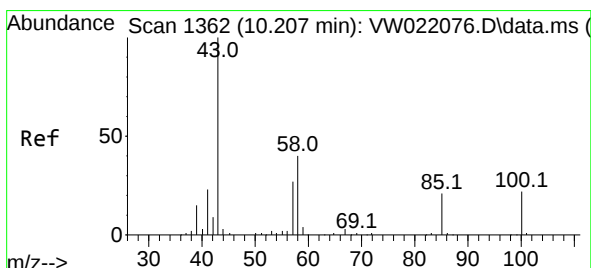
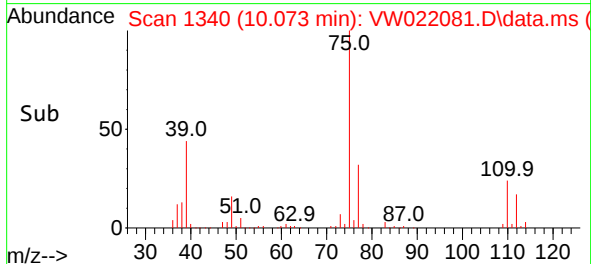
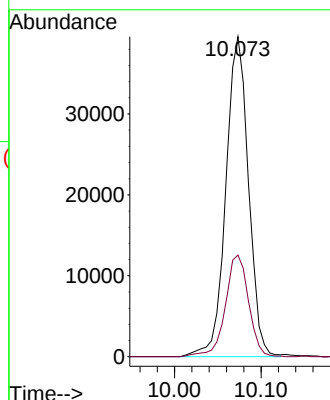
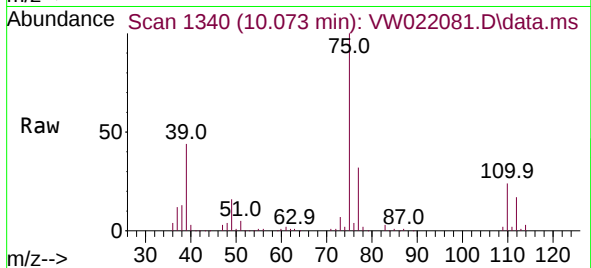
VSTD025558

Tgt Ion: 75 Resp: 71802

Ion Ratio Lower Upper

75 100

77 31.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 53.614 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

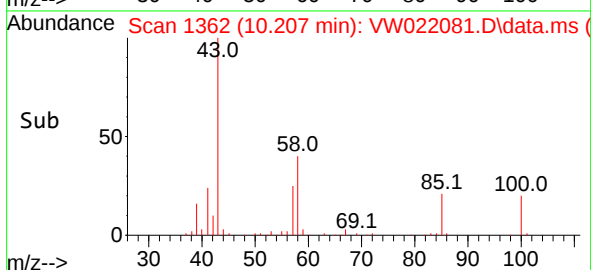
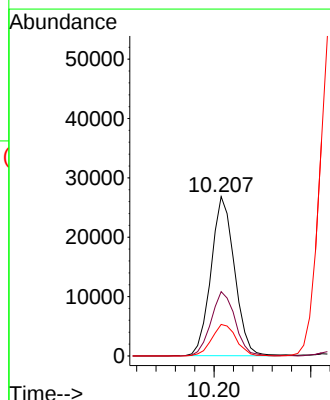
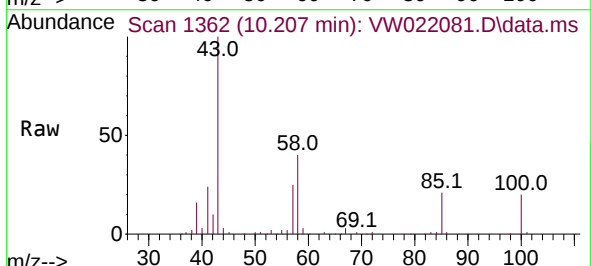
Tgt Ion: 43 Resp: 45133

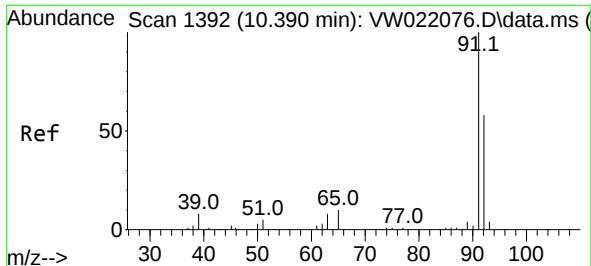
Ion Ratio Lower Upper

43 100

58 41.6 34.4 51.6

100 20.7 17.0 25.4





#42

Toluene

Concen: 25.228 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

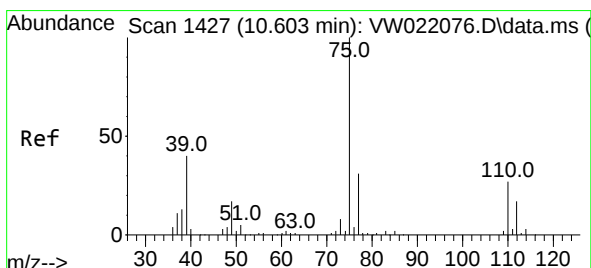
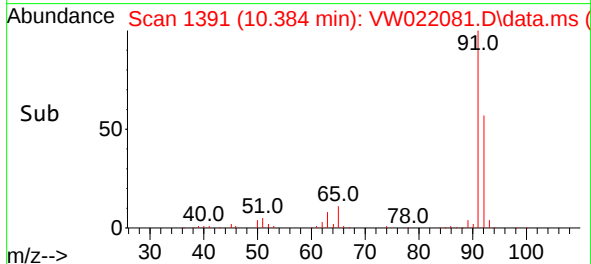
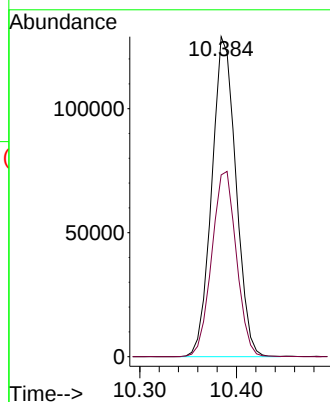
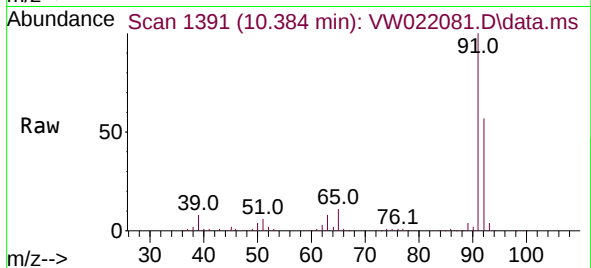
VSTD025558

Tgt Ion: 91 Resp: 223400

Ion Ratio Lower Upper

91 100

92 56.8 42.6 79.2



#44

trans-1,3-Dichloropropene

Concen: 26.546 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022081.D

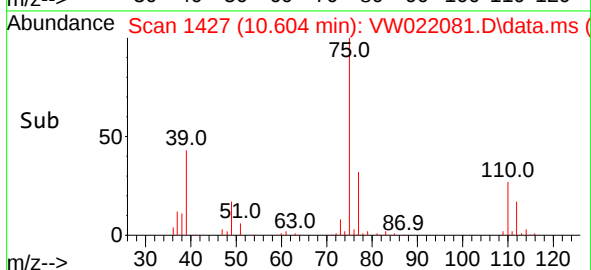
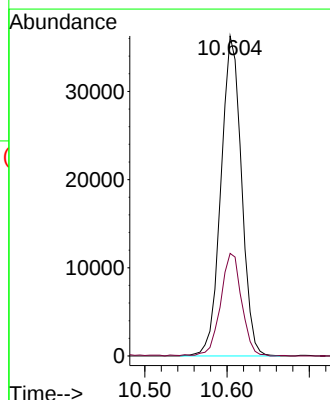
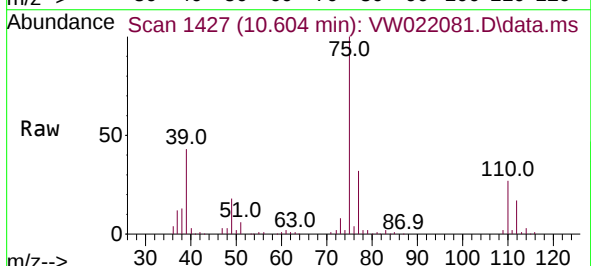
Acq: 21 Feb 2022 09:26

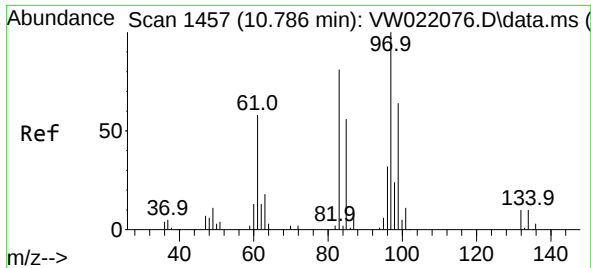
Tgt Ion: 75 Resp: 62977

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1

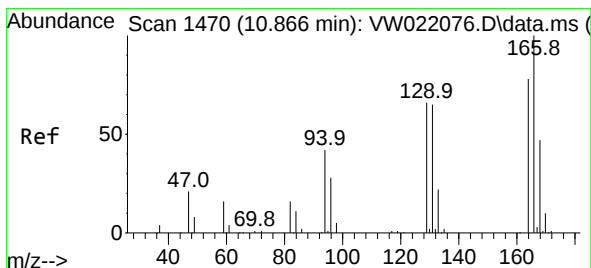
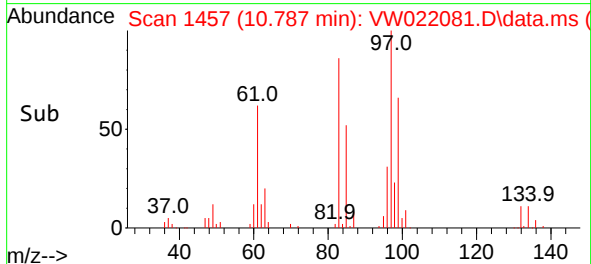
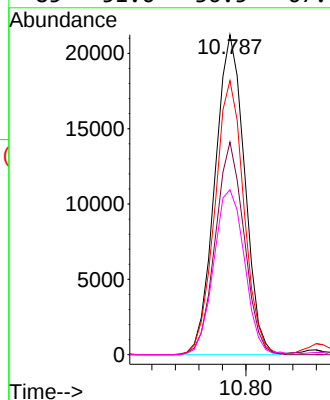
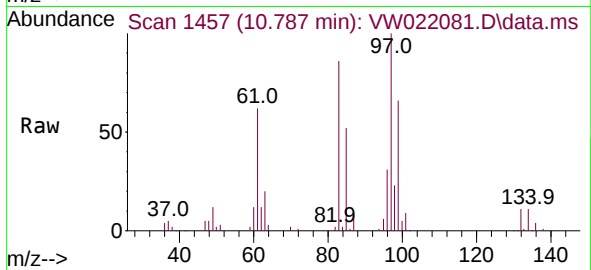




#45
1,1,2-Trichloroethane
Concen: 25.518 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

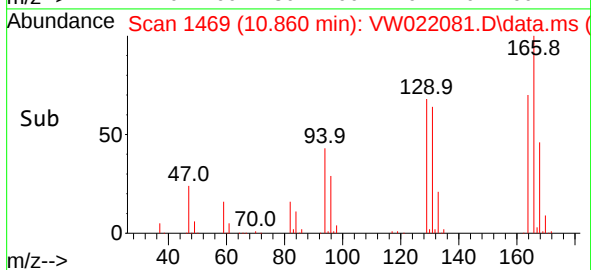
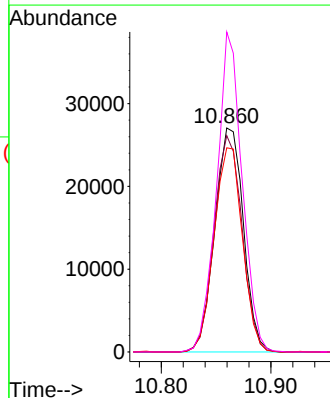
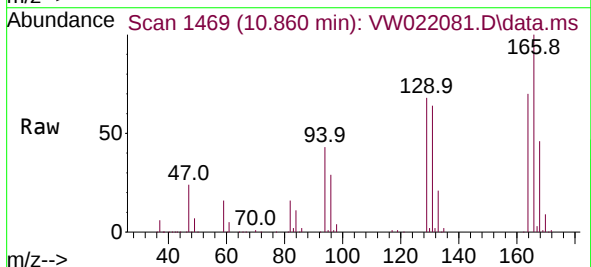
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

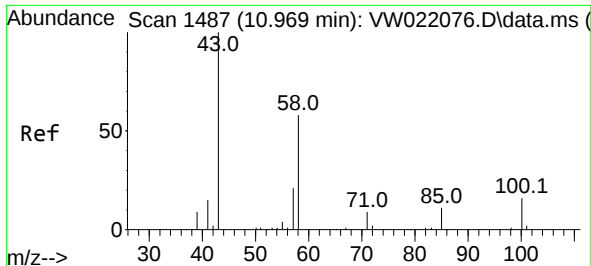
Tgt Ion:	97	Resp:	37214
Ion	Ratio	Lower	Upper
97	100		
99	66.5	43.8	81.4
83	85.6	56.1	104.3
85	51.6	36.5	67.7



#46
Tetrachloroethene
Concen: 23.634 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion:	164	Resp:	48929
Ion	Ratio	Lower	Upper
164	100		
129	96.6	62.6	116.2
131	91.2	67.1	124.7
166	142.9	91.1	169.1

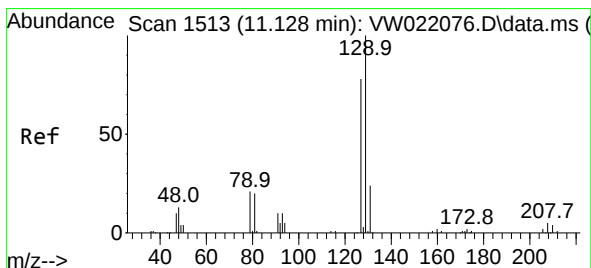
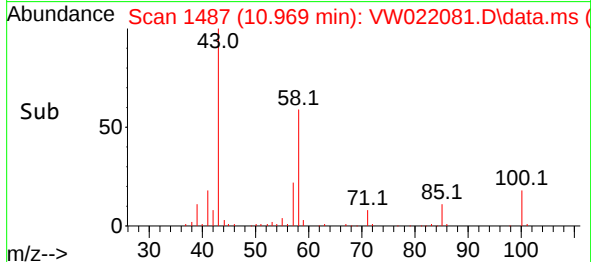
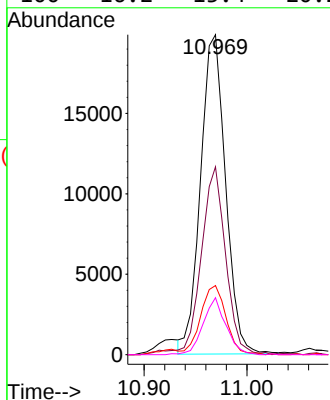
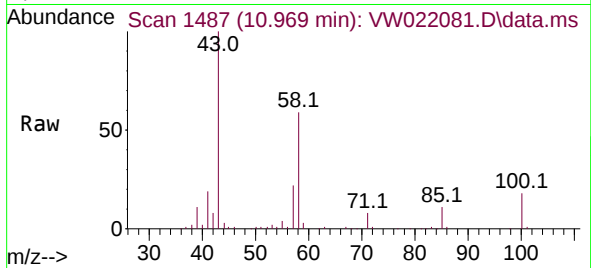




#48
2-Hexanone
Concen: 53.872 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

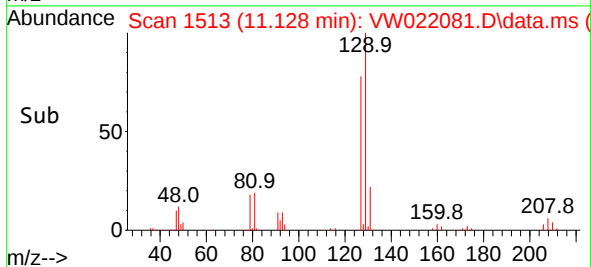
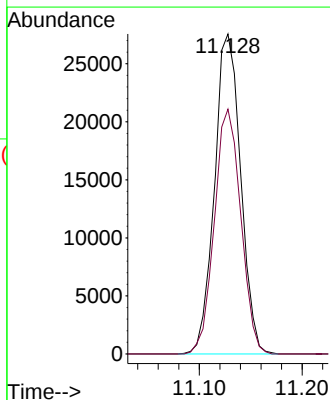
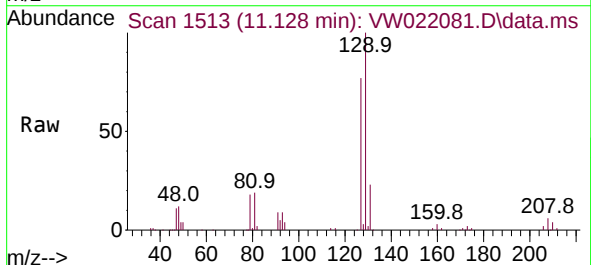
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

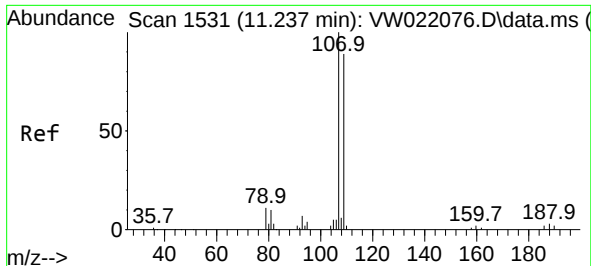
Tgt Ion:	43	Resp:	33755
Ion	Ratio	Lower	Upper
43	100		
58	56.6	49.2	73.8
57	21.9	16.6	24.8
100	16.2	13.4	20.2



#49
Dibromochloromethane
Concen: 26.555 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion:	129	Resp:	48766
Ion	Ratio	Lower	Upper
129	100		
127	76.5	52.6	97.6





#50

1,2-Dibromoethane

Concen: 25.986 ug/L

RT: 11.238 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025558

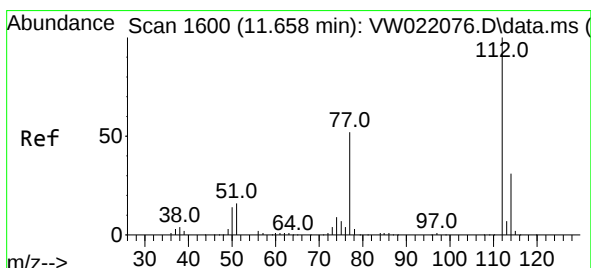
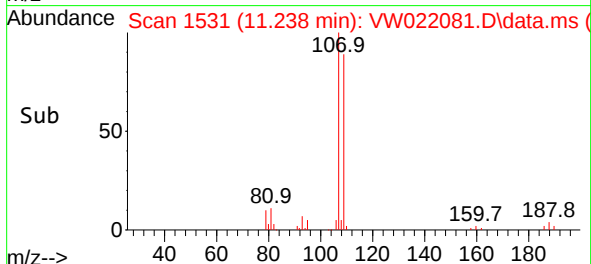
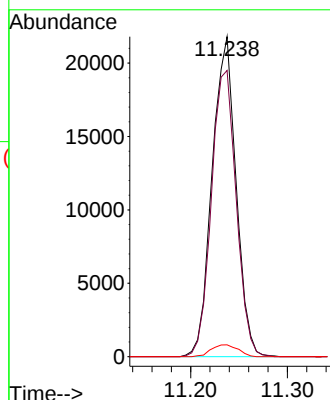
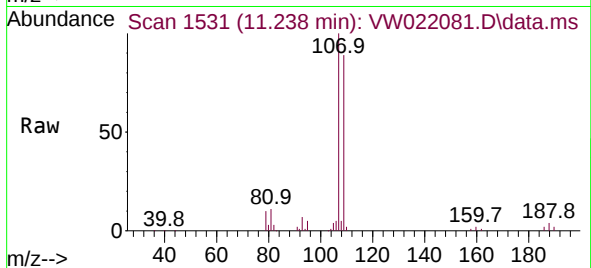
Tgt Ion:107 Resp: 37520

Ion Ratio Lower Upper

107 100

109 89.5 68.0 126.2

188 3.7 3.2 4.8



#51

Chlorobenzene

Concen: 25.117 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

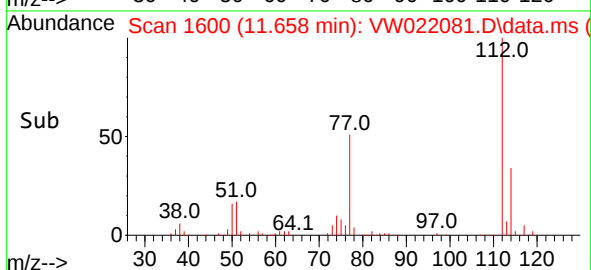
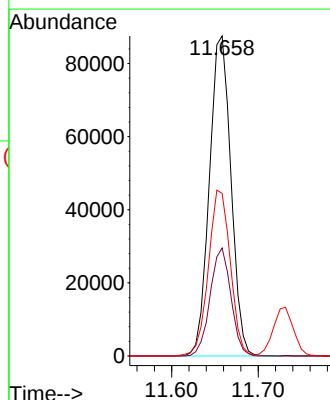
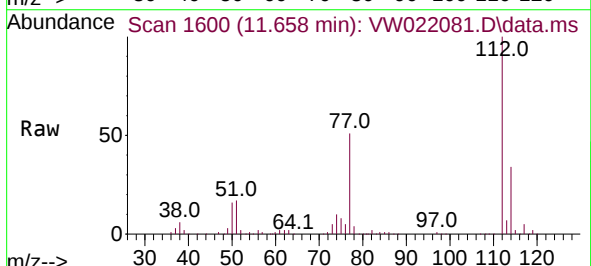
Tgt Ion:112 Resp: 151370

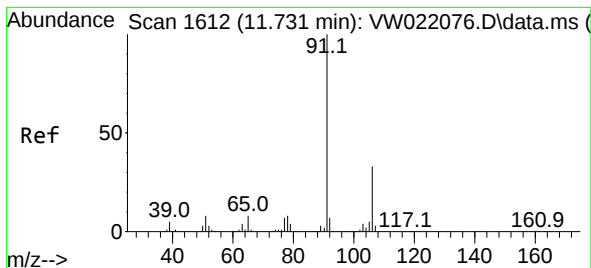
Ion Ratio Lower Upper

112 100

114 33.7 21.5 39.9

77 50.8 43.6 65.4





#52

Ethylbenzene

Concen: 25.505 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

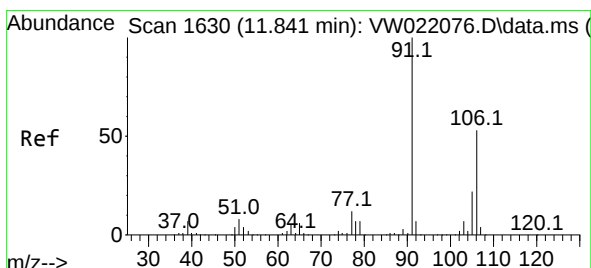
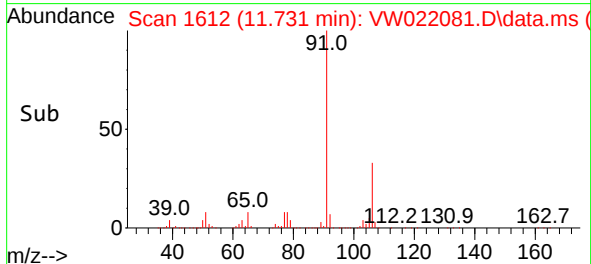
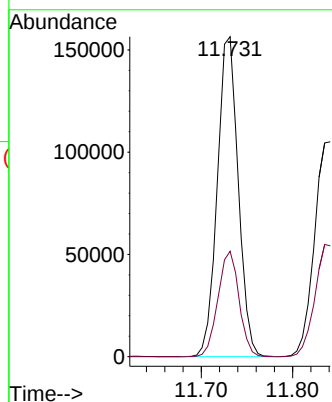
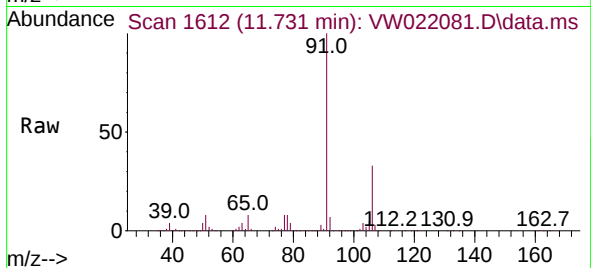
VSTD025558

Tgt Ion: 91 Resp: 249196

Ion Ratio Lower Upper

91 100

106 33.0 22.8 42.4



#53

m,p-Xylene

Concen: 25.547 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW022081.D

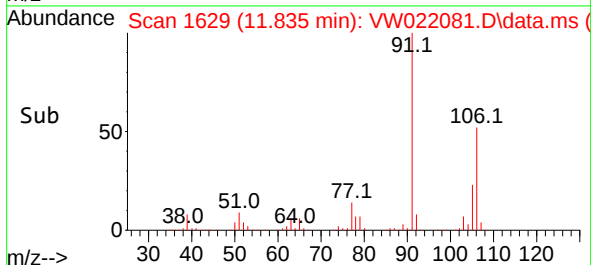
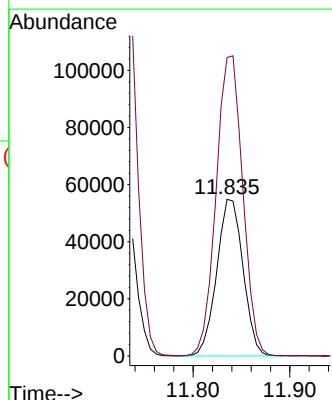
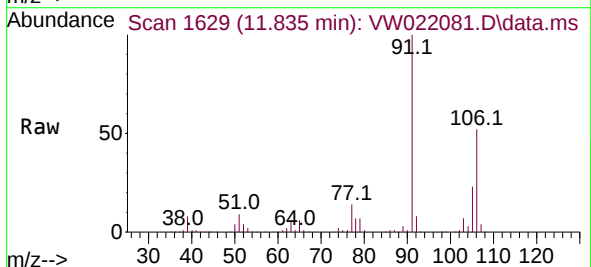
Acq: 21 Feb 2022 09:26

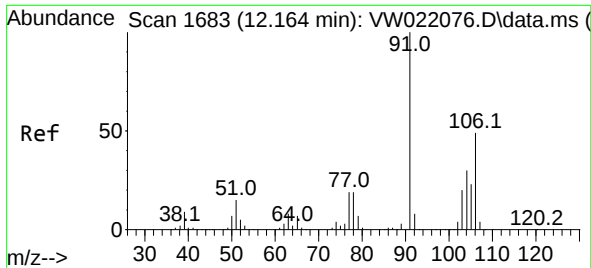
Tgt Ion:106 Resp: 103561

Ion Ratio Lower Upper

106 100

91 190.5 129.6 240.8

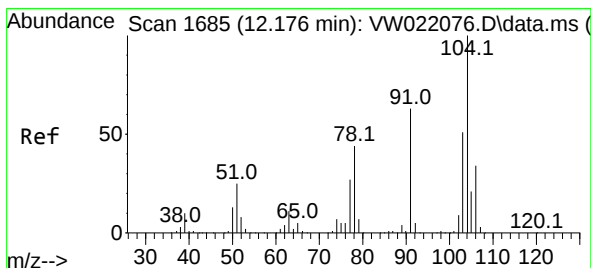
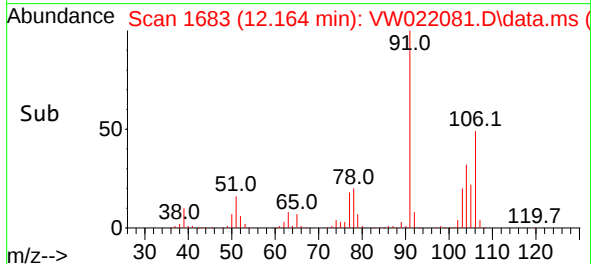
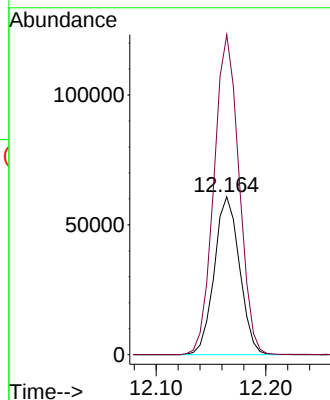
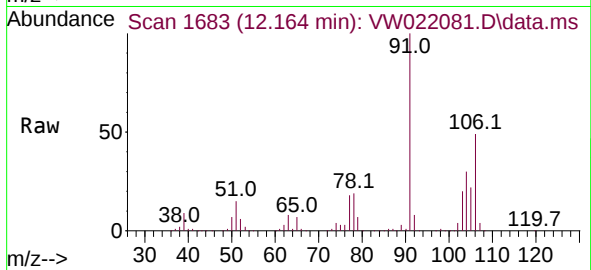




#54
o-Xylene
Concen: 25.700 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

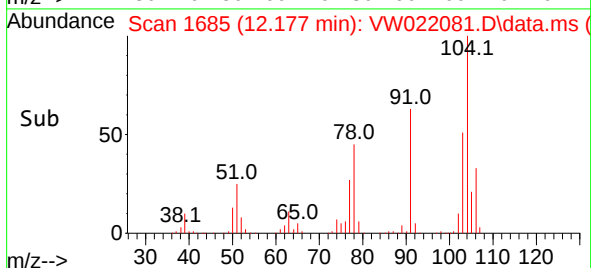
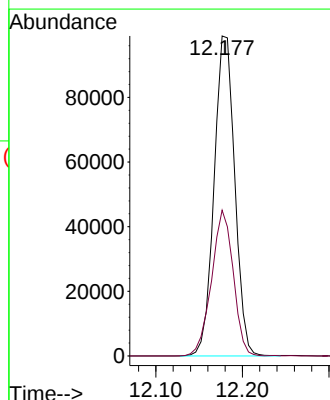
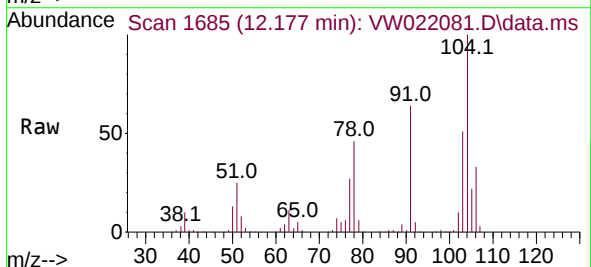
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

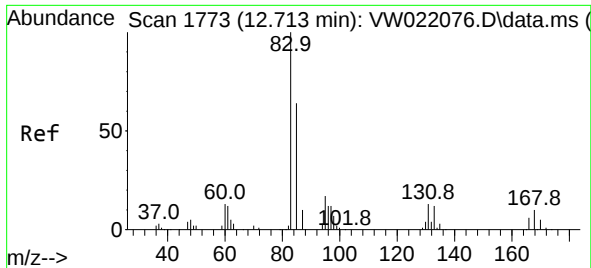
Tgt Ion:106 Resp: 97454
Ion Ratio Lower Upper
106 100
91 202.6 136.4 253.4



#55
Styrene
Concen: 26.844 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion:104 Resp: 164424
Ion Ratio Lower Upper
104 100
78 45.5 30.9 57.5

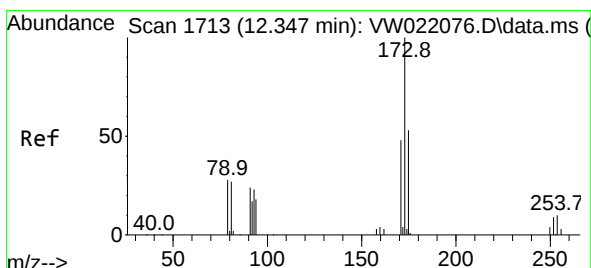
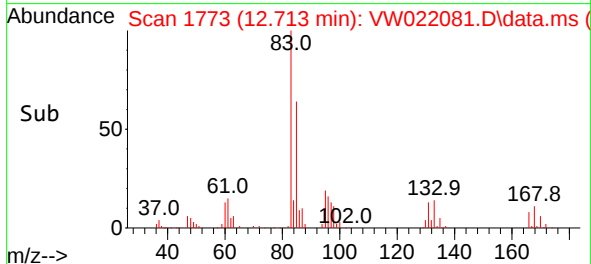
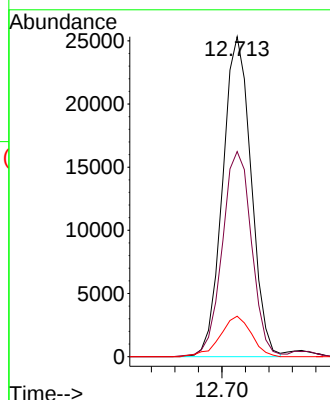
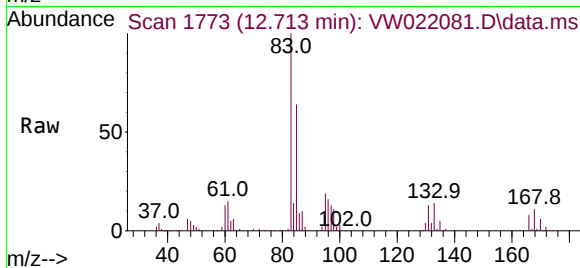




#57
1,1,2,2-Tetrachloroethane
Concen: 26.802 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

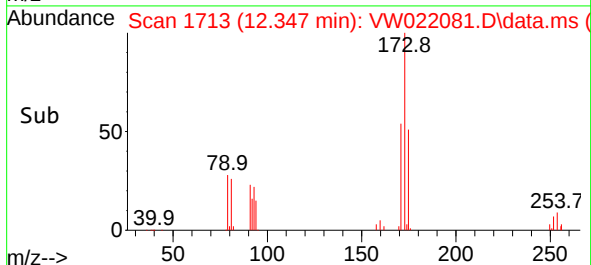
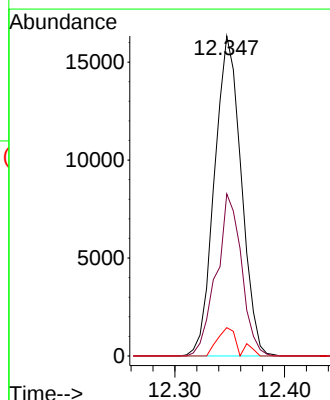
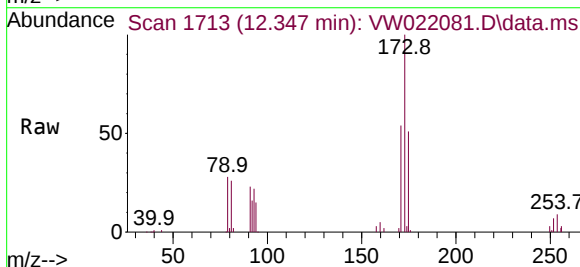
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

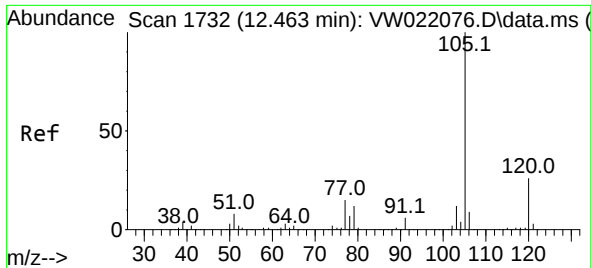
Tgt Ion: 83 Resp: 42545
Ion Ratio Lower Upper
83 100
85 64.1 43.8 81.3
131 12.7 9.8 14.8



#59
Bromoform
Concen: 25.823 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion:173 Resp: 27700
Ion Ratio Lower Upper
173 100
175 47.6 41.0 61.4
254 5.7 3.4 5.2#

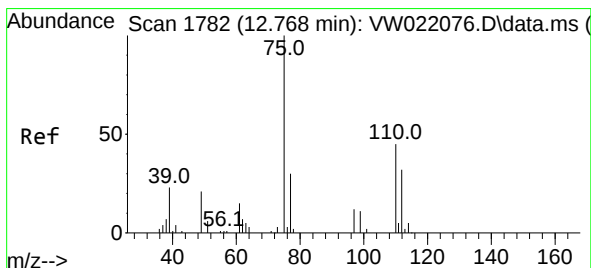
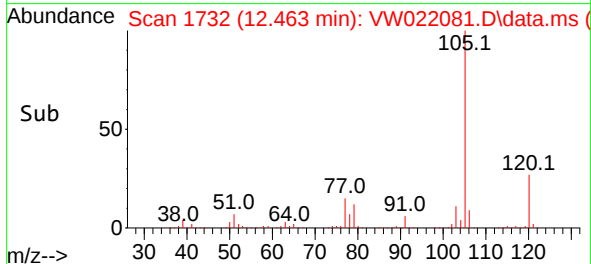
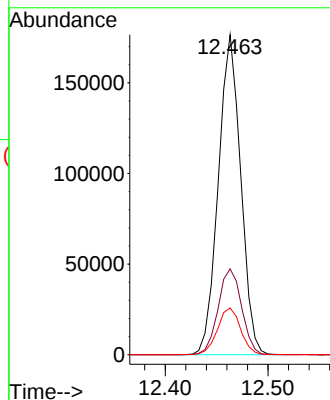
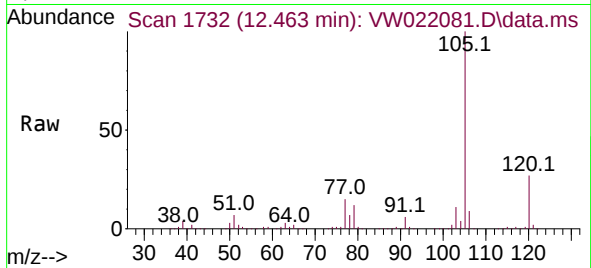




#60
Isopropylbenzene
Concen: 25.161 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

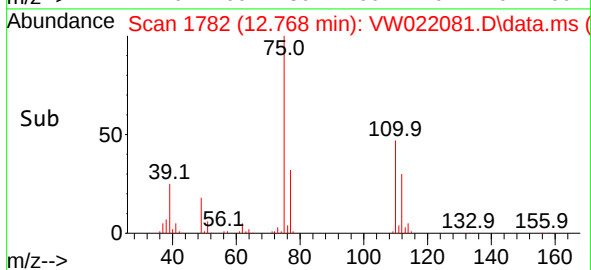
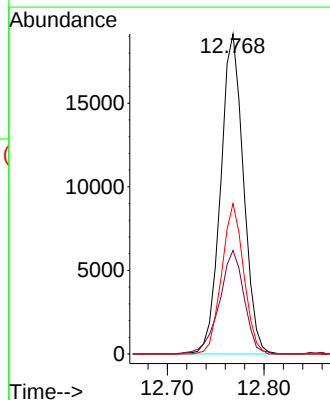
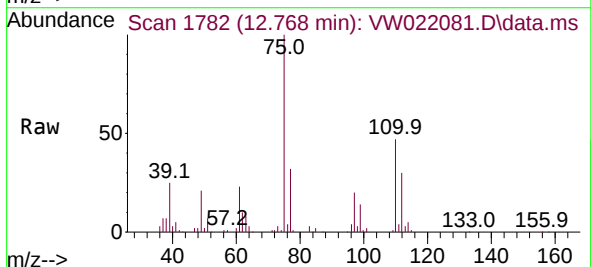
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

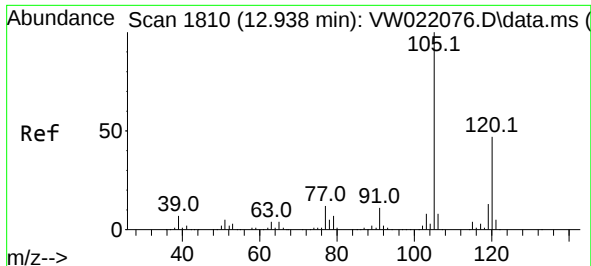
Tgt Ion:105 Resp: 266998
Ion Ratio Lower Upper
105 100
120 28.0 22.1 33.1
77 15.1 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 26.432 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion: 75 Resp: 31275
Ion Ratio Lower Upper
75 100
77 35.1 27.3 40.9
110 45.3 36.4 54.6





#62

1,3,5-Trimethylbenzene

Concen: 26.154 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

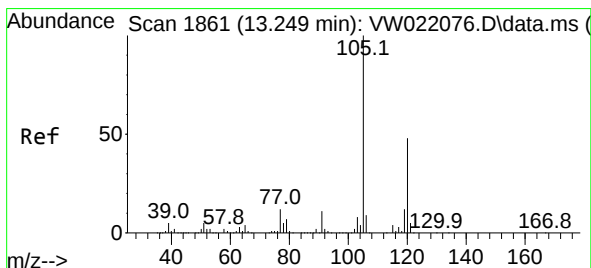
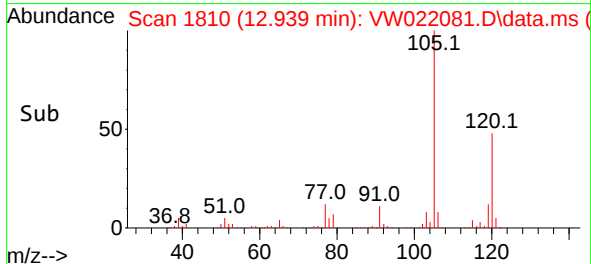
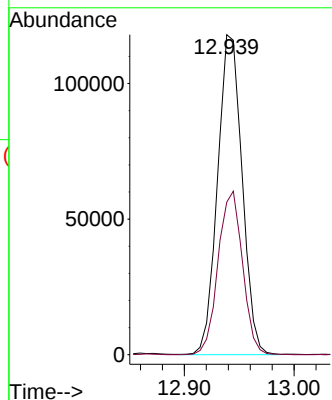
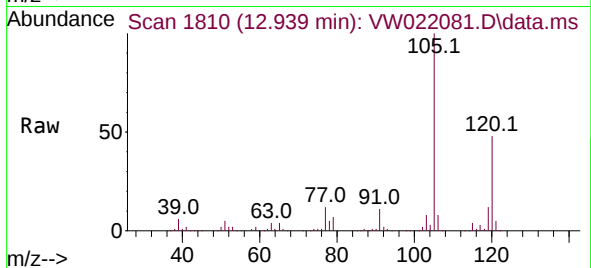
VSTD025558

Tgt Ion:105 Resp: 184064

Ion Ratio Lower Upper

105 100

120 50.7 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 25.632 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022081.D

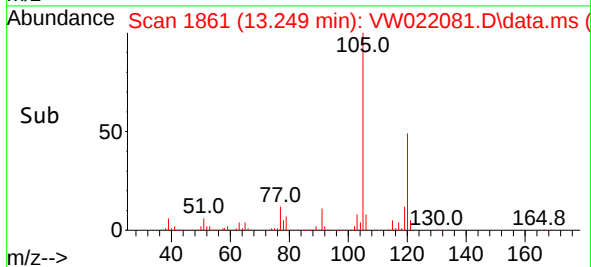
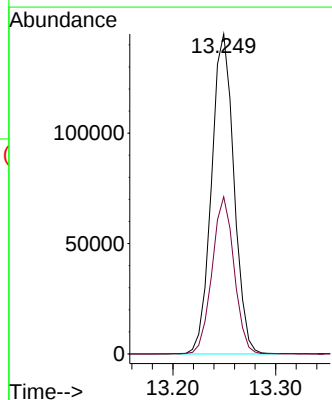
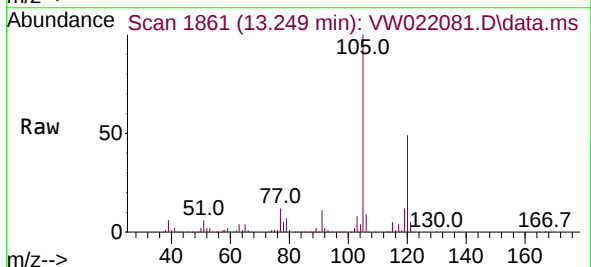
Acq: 21 Feb 2022 09:26

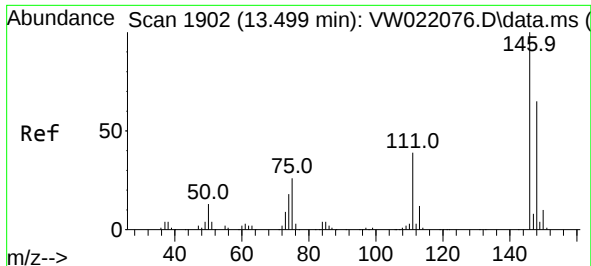
Tgt Ion:105 Resp: 219779

Ion Ratio Lower Upper

105 100

120 48.2 37.8 56.8

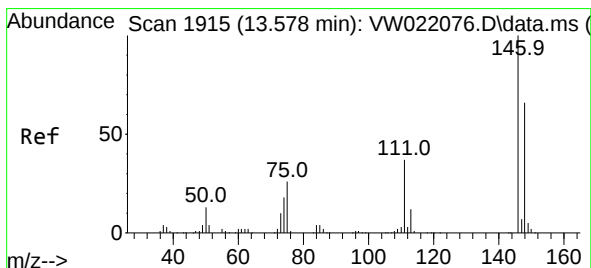
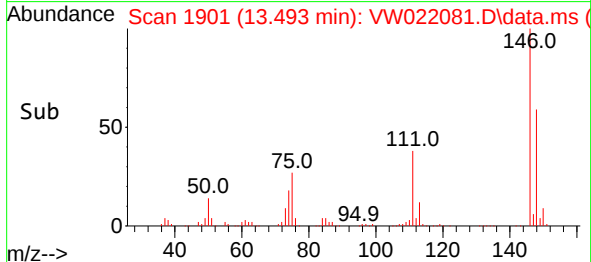
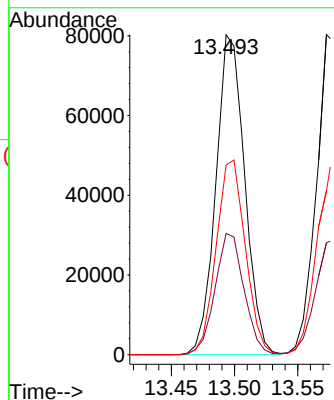
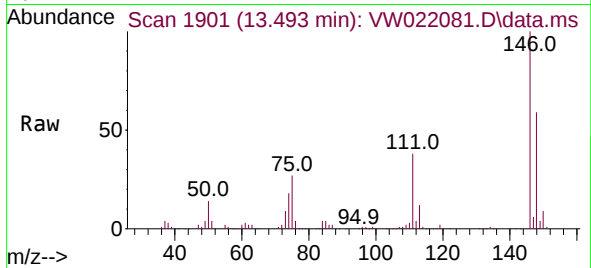




#64
1,3-Dichlorobenzene
Concen: 25.040 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

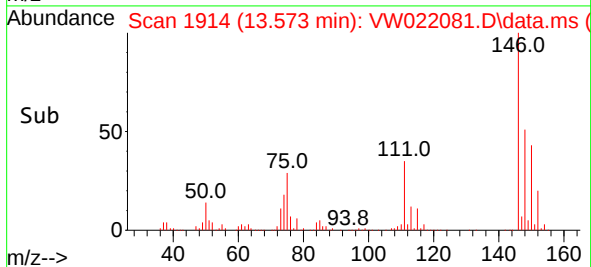
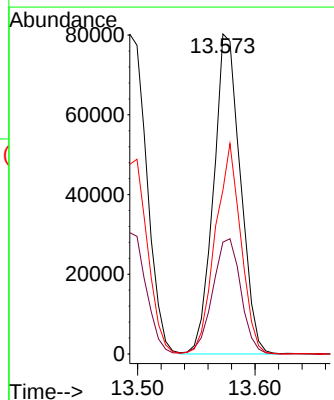
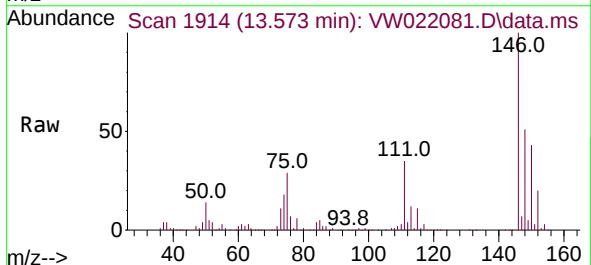
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

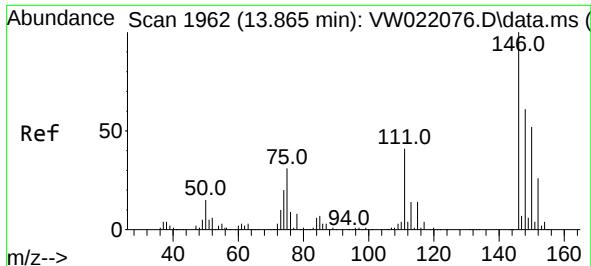
Tgt Ion:146 Resp: 127308
Ion Ratio Lower Upper
146 100
111 37.9 27.3 50.7
148 59.3 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 25.048 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion:146 Resp: 127475
Ion Ratio Lower Upper
146 100
111 35.0 24.4 45.4
148 51.2 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 24.538 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025558

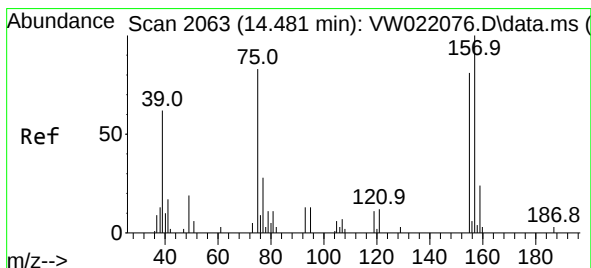
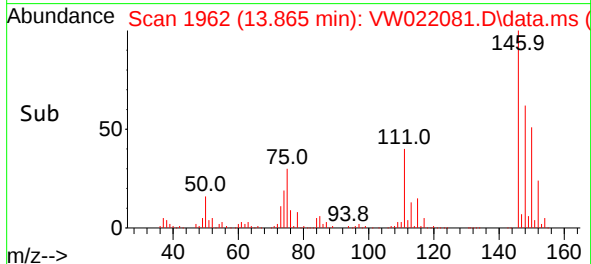
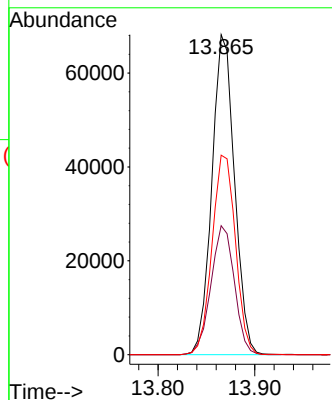
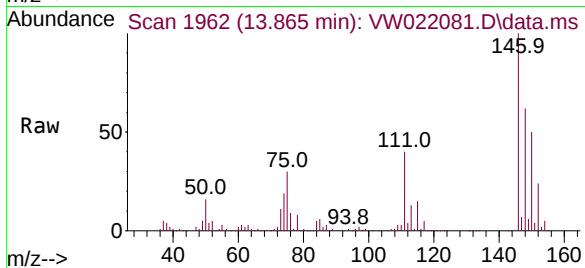
Tgt Ion:146 Resp: 110878

Ion Ratio Lower Upper

146 100

111 40.3 32.2 48.4

148 62.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 26.449 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022081.D

Acq: 21 Feb 2022 09:26

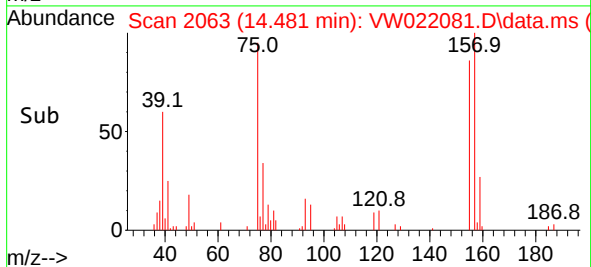
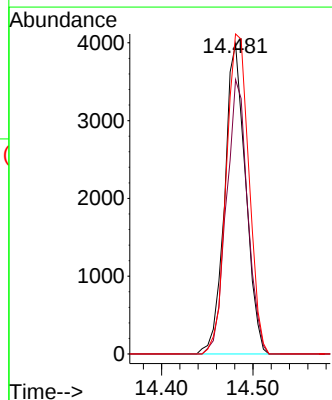
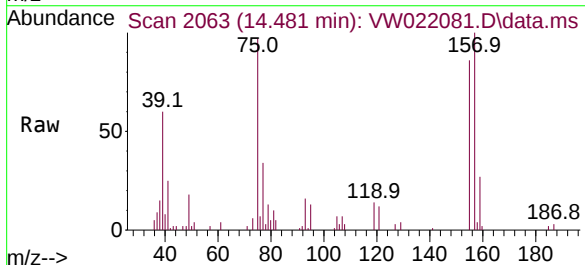
Tgt Ion: 75 Resp: 6367

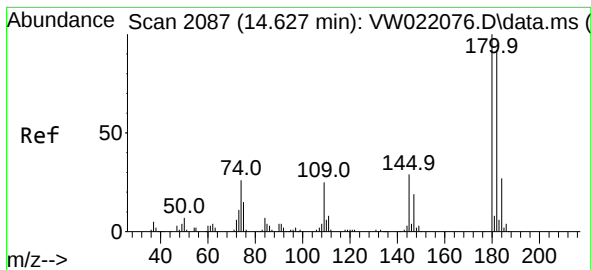
Ion Ratio Lower Upper

75 100

155 88.5 80.9 121.3

157 103.2 100.3 150.5

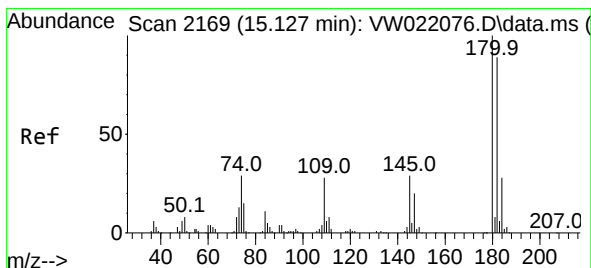
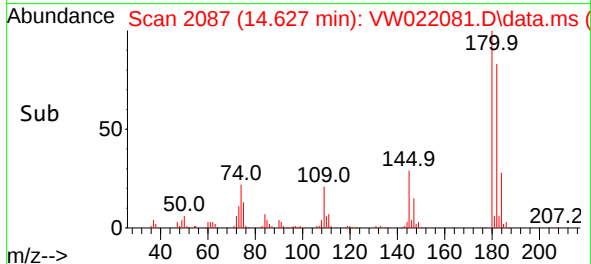
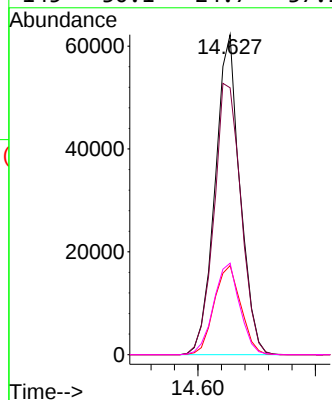
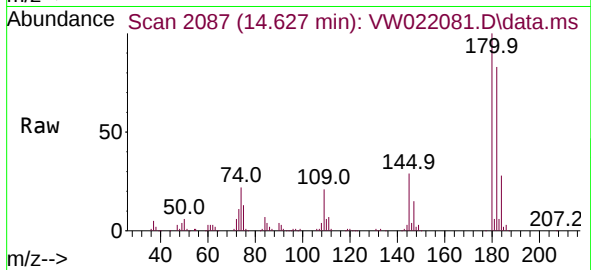




#69
 1,3,5-Trichlorobenzene
 Concen: 24.993 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW022081.D
 Acq: 21 Feb 2022 09:26

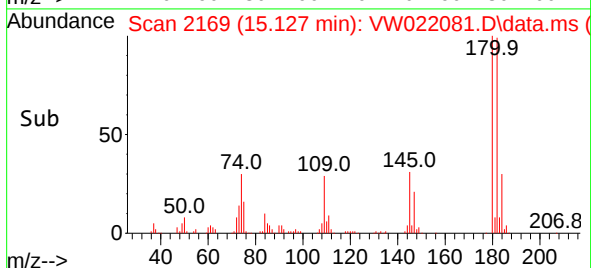
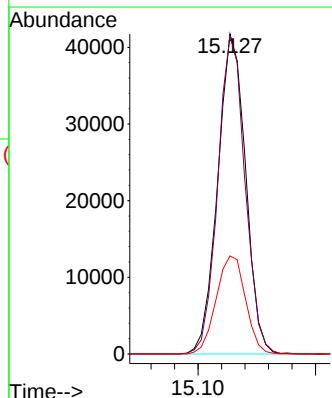
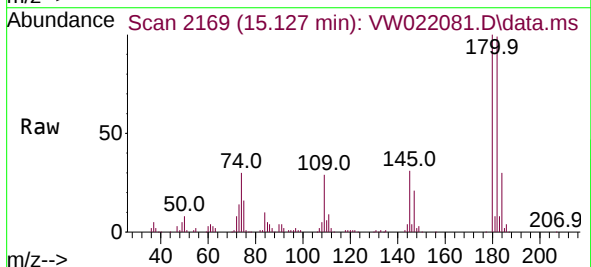
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025558

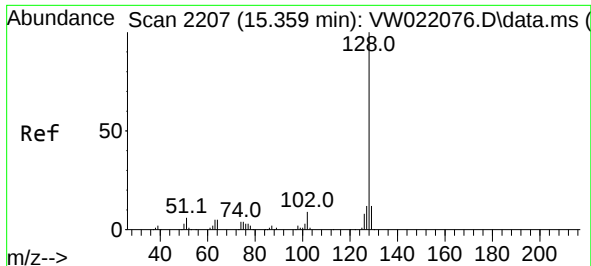
Tgt Ion:	180	Resp:	91359
Ion Ratio	Lower	Upper	
180	100		
182	92.3	77.4	116.2
184	29.9	25.2	37.8
145	30.1	24.7	37.1



#70
 1,2,4-trichlorobenzene
 Concen: 23.674 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW022081.D
 Acq: 21 Feb 2022 09:26

Tgt Ion:	180	Resp:	68737
Ion Ratio	Lower	Upper	
180	100		
182	97.0	74.6	111.8
145	32.2	25.0	37.6

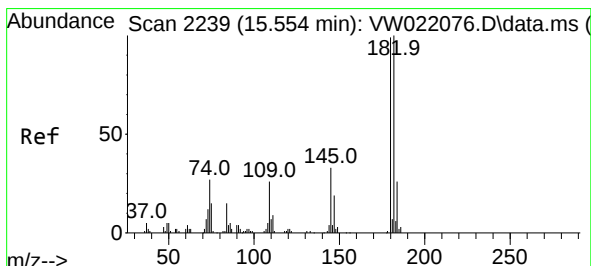
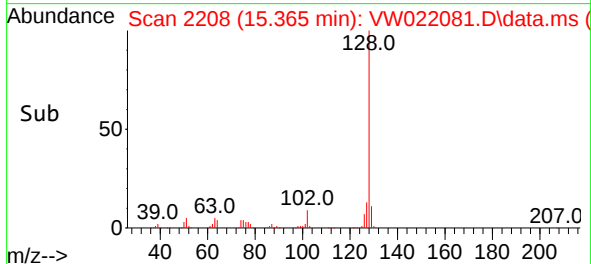
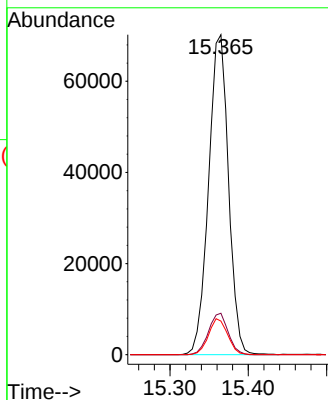
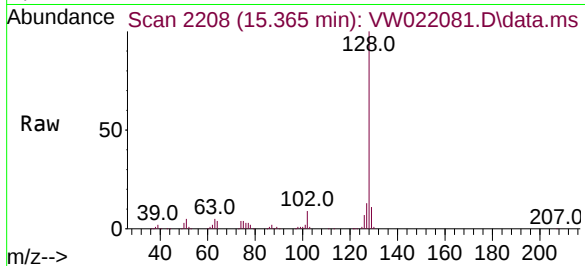




#71
Naphthalene
Concen: 26.151 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

Tgt Ion:128 Resp: 123880
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.283 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW022081.D
Acq: 21 Feb 2022 09:26

Tgt Ion:180 Resp: 60262
Ion Ratio Lower Upper
180 100
182 95.7 78.6 118.0
145 33.2 27.3 40.9

