

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100721\
 Data File : VW020397.D
 Acq On : 08 Oct 2021 06:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025569

Quant Time: Oct 08 07:41:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 08 07:38:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	220779	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	206498	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	104862	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	67411	22.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.600%
7) Chloroethane-d5	2.879	69	36544	27.717	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.880%
11) 1,1-Dichloroethene-d2	4.019	63	133087	21.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.960%
21) 2-Butanone-d5	7.080	46	55173	71.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.760%#
24) Chloroform-d	7.647	84	157020	24.769	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.080%
26) 1,2-Dichloroethane-d4	8.305	65	92299	26.604	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	8.275	84	292865	23.424	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.680%
36) 1,2-Dichloropropane-d6	9.275	67	96912	24.437	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	10.323	98	262138	23.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	10.579	79	39109	24.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.960%
47) 2-Hexanone-d5	10.927	63	39613	72.271	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.540%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	85614	30.932	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.720%#
66) 1,2-Dichlorobenzene-d4	13.853	152	84616	23.044	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	45807	37.875	ug/L	97
3) Chloromethane	2.215	50	72211	24.416	ug/L	98
5) Vinyl chloride	2.355	62	97974	24.355	ug/L	99
6) Bromomethane	2.770	94	43166	27.725	ug/L	100
8) Chloroethane	2.916	64	36332	30.210	ug/L	97
9) Trichlorofluoromethane	3.251	101	37787	18.130	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	79921	24.598	ug/L	99
12) 1,1-Dichloroethene	4.038	96	74351	24.202	ug/L	98
13) Acetone	4.129	43	40399	50.839	ug/L	100
14) Carbon disulfide	4.385	76	233448	23.115	ug/L	99
15) Methyl Acetate	4.678	43	51103	35.188	ug/L	99
16) Methylene chloride	4.916	84	94847	24.058	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	80908	25.157	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	123821	29.777	ug/L	99
19) 1,1-Dichloroethane	6.214	63	167550	26.195	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	88573	26.931	ug/L	97
22) 2-Butanone	7.177	43	65169	66.704	ug/L	100
23) Bromochloromethane	7.513	128	39919	28.659	ug/L	98
25) Chloroform	7.677	83	166292	27.184	ug/L	99

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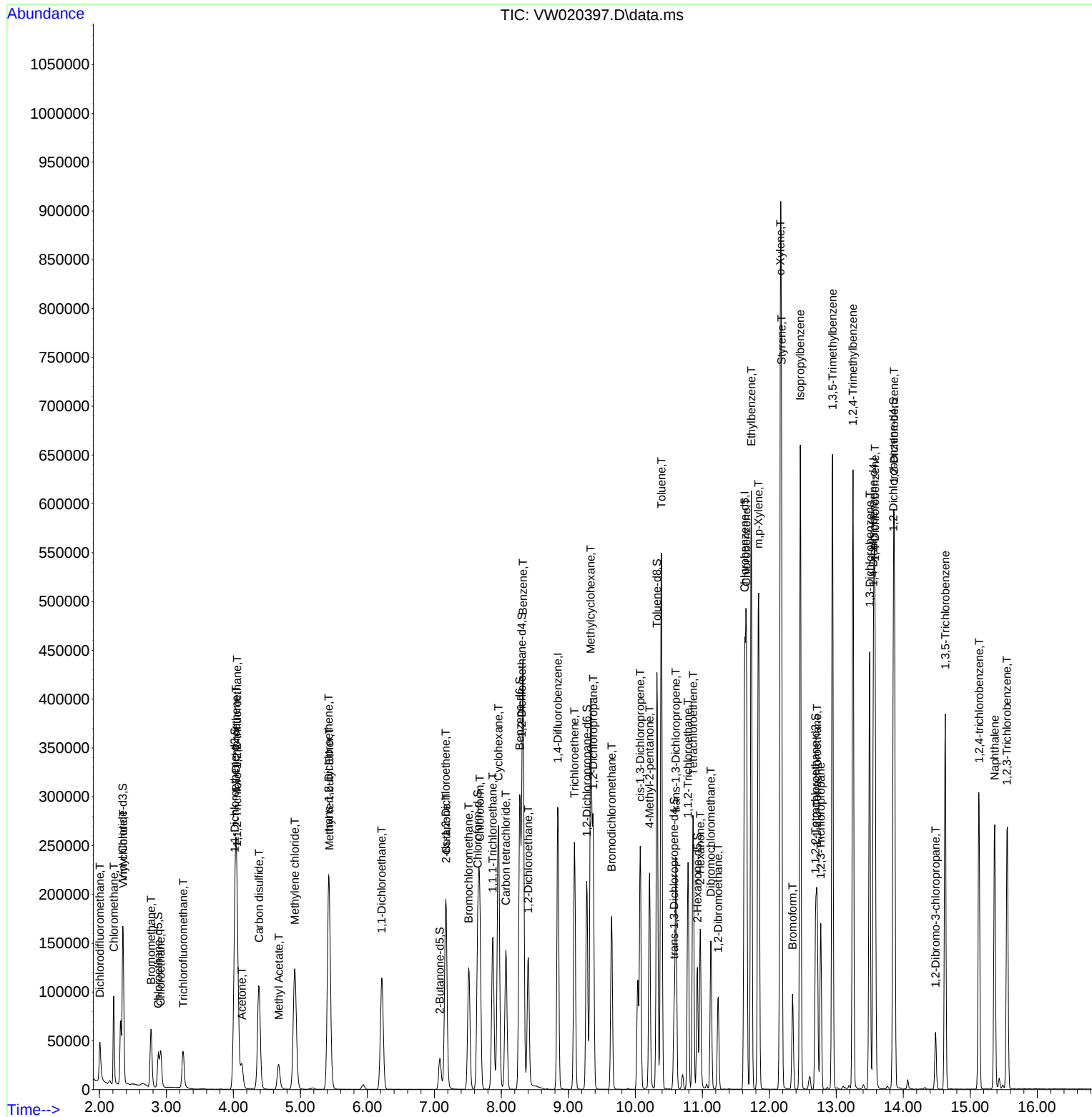
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	120812	29.566	ug/L	99
29) Cyclohexane	7.958	56	148219	24.143	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	120518	24.331	ug/L	100
31) Carbon tetrachloride	8.067	117	102846	23.786	ug/L	99
33) Benzene	8.323	78	370982	25.833	ug/L	100
34) Trichloroethene	9.092	95	87916	24.887	ug/L	99
35) Methylcyclohexane	9.335	83	147330	23.908	ug/L	99
37) 1,2-Dichloropropane	9.372	63	97609	27.283	ug/L	100
38) Bromodichloromethane	9.646	83	117686	26.998	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	136375	26.951	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	147728	75.591	ug/L	100
42) Toluene	10.390	91	380264	26.329	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	123161	28.104	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	69569	30.738	ug/L	99
46) Tetrachloroethene	10.866	164	60999	23.461	ug/L	98
48) 2-Hexanone	10.969	43	105985	74.339	ug/L	98
49) Dibromochloromethane	11.128	129	73989	29.131	ug/L	98
50) 1,2-Dibromoethane	11.238	107	62776	30.163	ug/L	96
51) Chlorobenzene	11.658	112	227114	25.926	ug/L	97
52) Ethylbenzene	11.731	91	408040	25.879	ug/L	99
53) m,p-Xylene	11.841	106	149991	25.750	ug/L	98
54) o-Xylene	12.164	106	145287	26.635	ug/L	98
55) Styrene	12.183	104	261419	27.846	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	88155	32.761	ug/L	99
59) Bromoform	12.347	173	39413	28.131	ug/L	96
60) Isopropylbenzene	12.463	105	387086	24.866	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	67281	32.370	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	325014	25.804	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	326829	25.964	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	161406	24.649	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	168475	25.488	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	156421	26.792	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	15062	34.143	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	110687	23.795	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	86895	23.951	ug/L	96
71) Naphthalene	15.365	128	212903	33.688	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	86568	27.316	ug/L	98

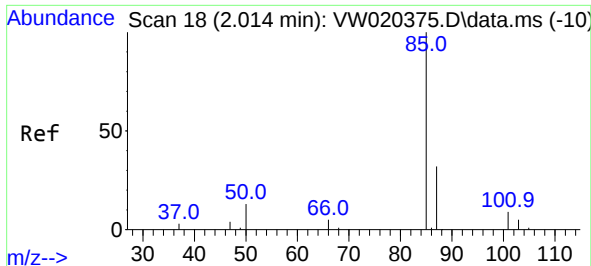
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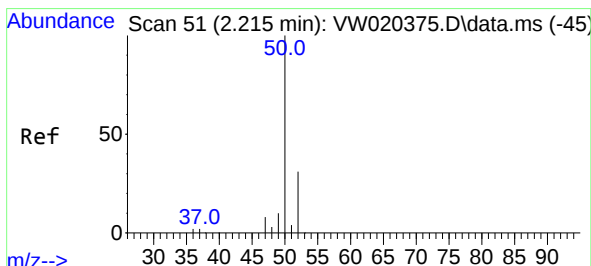
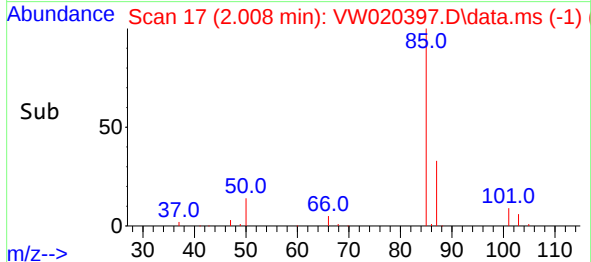
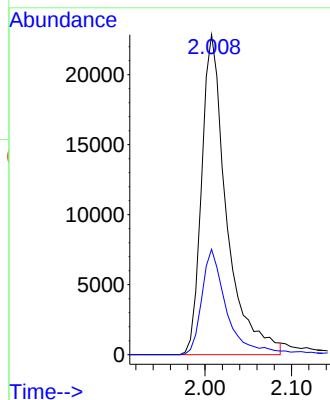
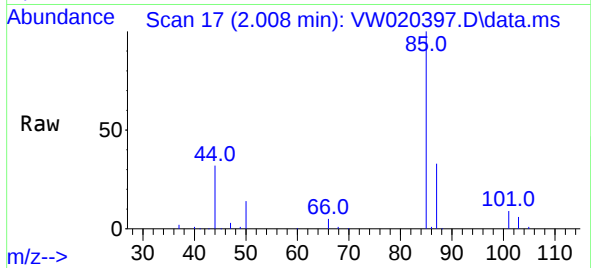




#2
Dichlorodifluoromethane
Concen: 37.875 ug/L
RT: 2.008 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

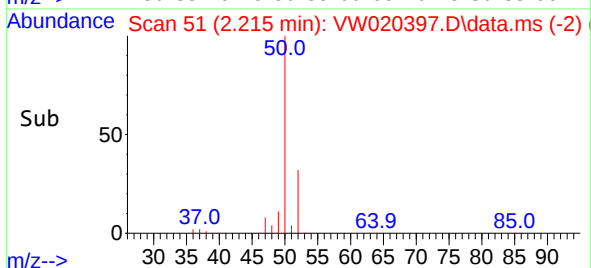
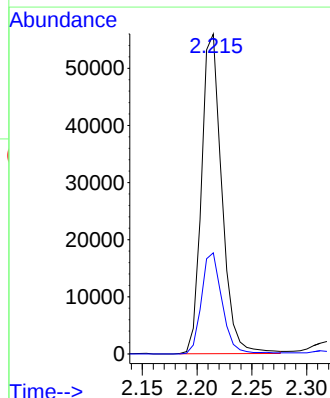
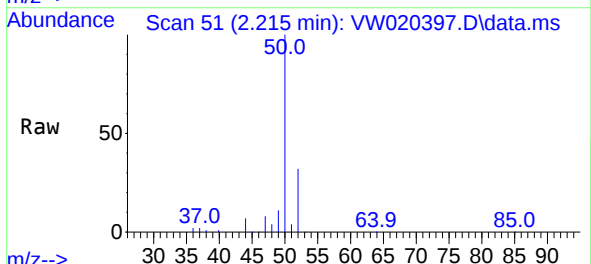
Instrument :
MSVOA_W
ClientSampled :
VSTD025569

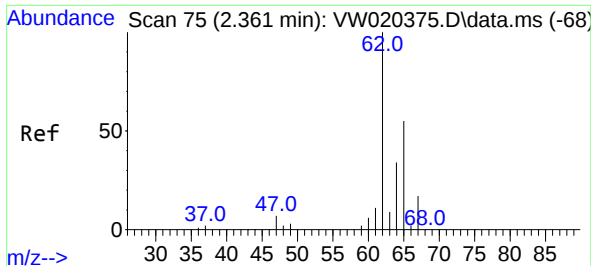
Tgt Ion: 85 Resp: 45807
Ion Ratio Lower Upper
85 100
87 32.6 24.9 37.3



#3
Chloromethane
Concen: 24.416 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 50 Resp: 72211
Ion Ratio Lower Upper
50 100
52 31.6 21.5 39.9

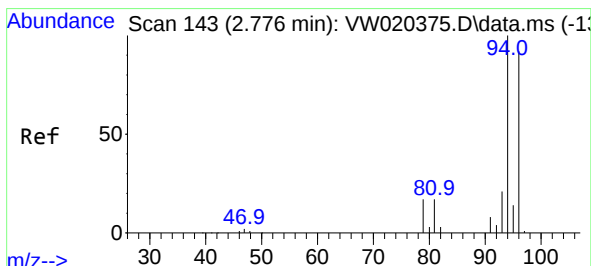
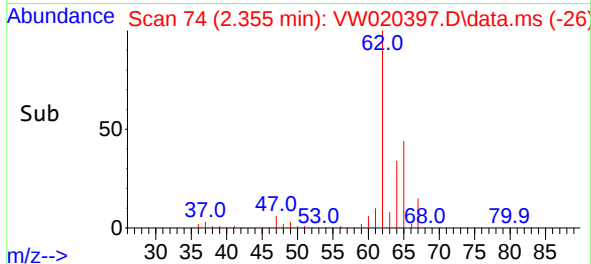
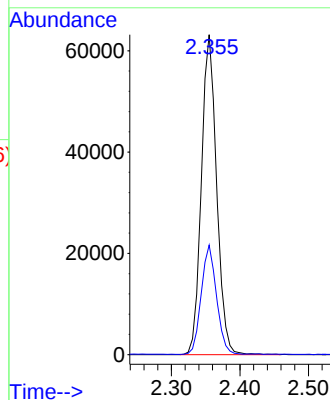
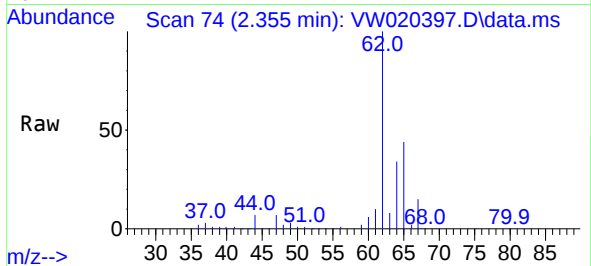




#5
 Vinyl chloride
 Concen: 24.355 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020397.D
 Acq: 08 Oct 2021 06:37

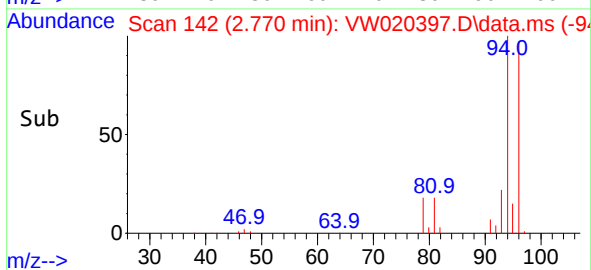
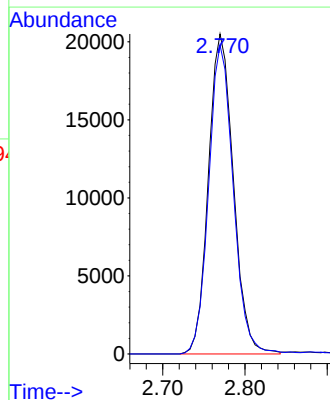
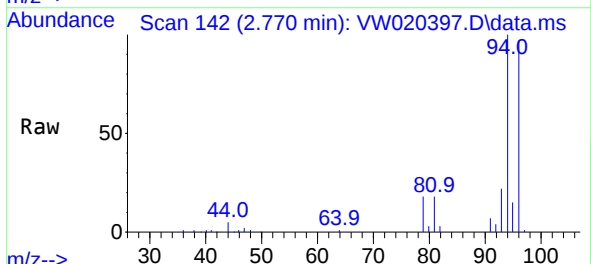
Instrument :
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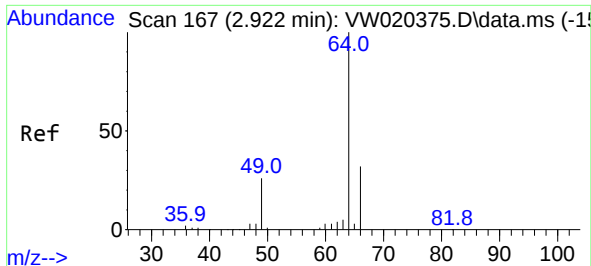
Tgt Ion: 62 Resp: 97974
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.6 45.6



#6
 Bromomethane
 Concen: 27.725 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW020397.D
 Acq: 08 Oct 2021 06:37

Tgt Ion: 94 Resp: 43166
 Ion Ratio Lower Upper
 94 100
 96 96.5 67.8 126.0

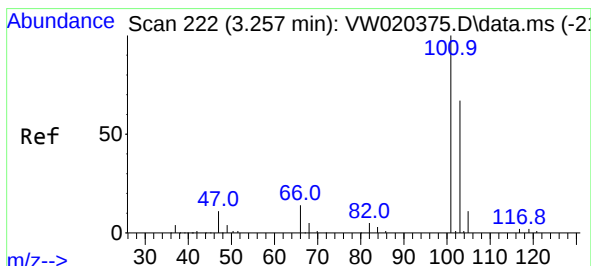
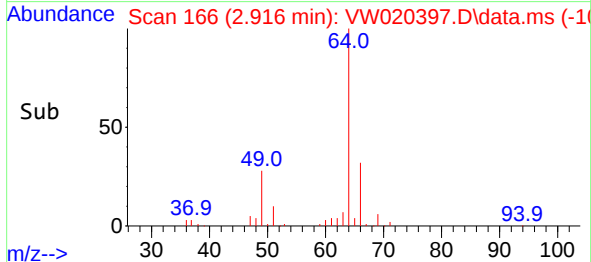
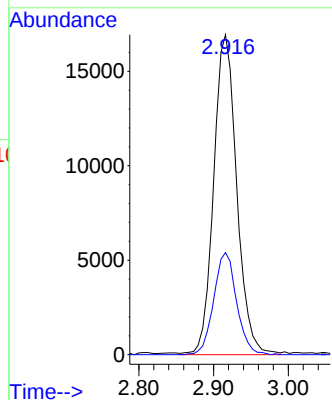
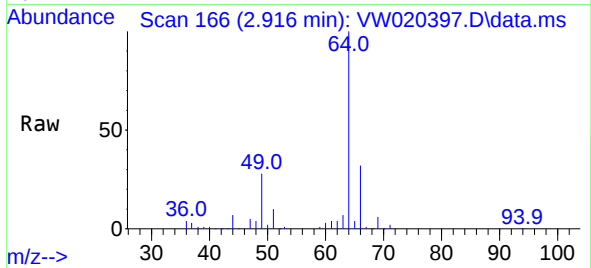




#8
Chloroethane
Concen: 30.210 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

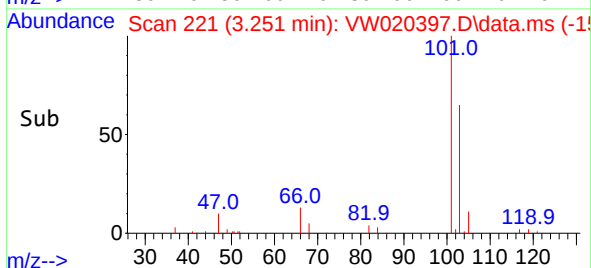
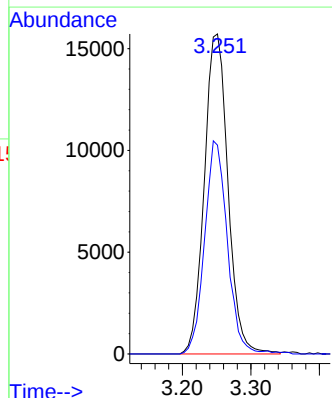
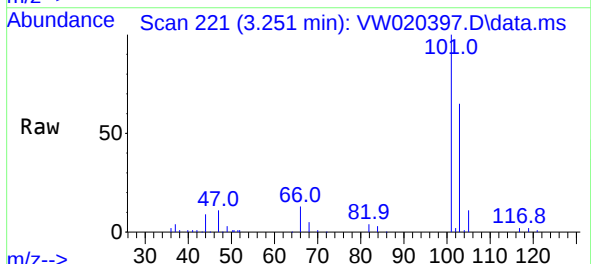
Instrument :
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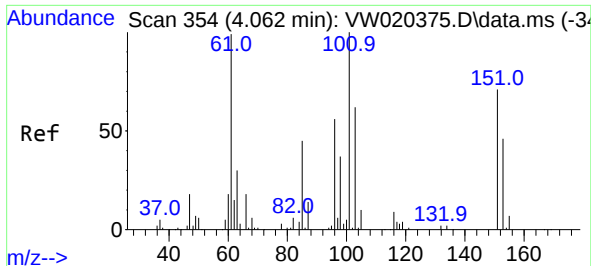
Tgt Ion: 64 Resp: 36332
Ion Ratio Lower Upper
64 100
66 31.9 21.2 39.4



#9
Trichlorofluoromethane
Concen: 18.130 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion:101 Resp: 37787
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.4

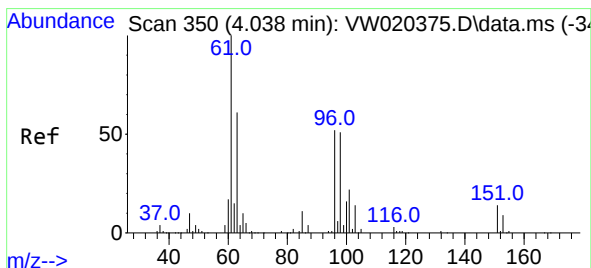
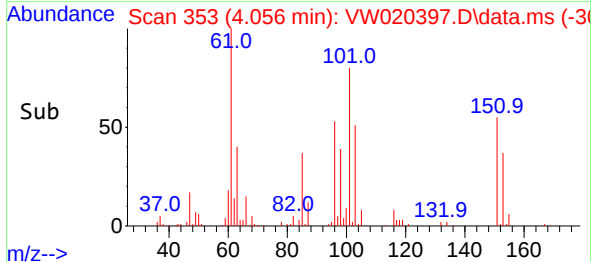
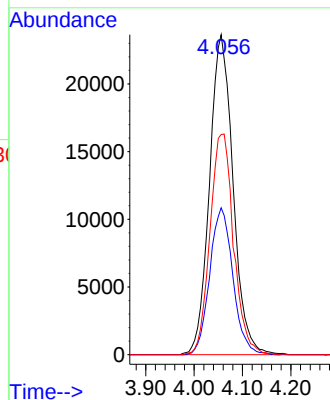
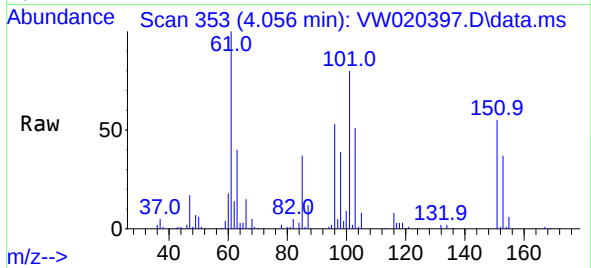




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.598 ug/L
RT: 4.056 min Scan# 353
Delta R.T. -0.006 min
Lab File: VW020397.D
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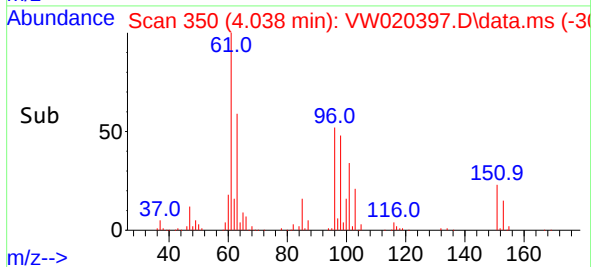
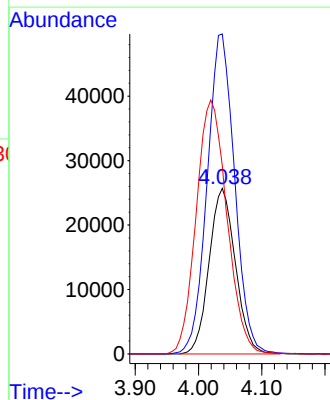
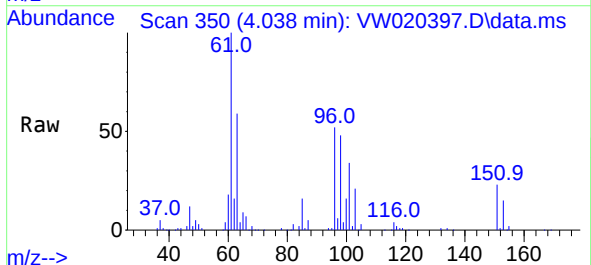
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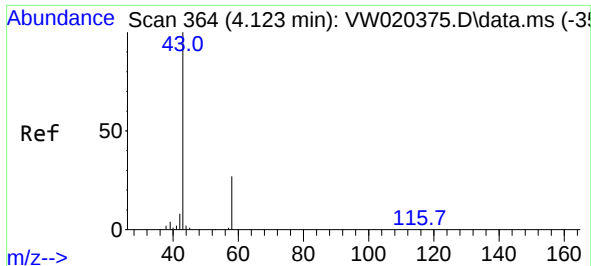
Tgt Ion:101 Resp: 79921
Ion Ratio Lower Upper
101 100
85 45.2 36.3 54.5
151 69.1 56.5 84.7



#12
1,1-Dichloroethene
Concen: 24.202 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 96 Resp: 74351
Ion Ratio Lower Upper
96 100
61 193.3 133.9 248.7
63 113.9 77.3 143.7

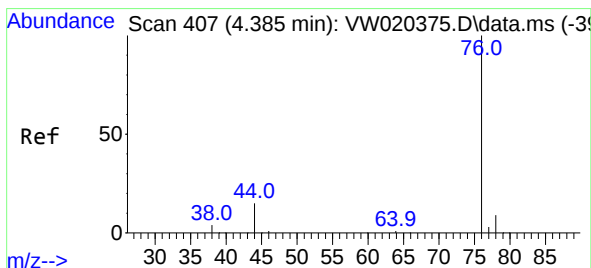
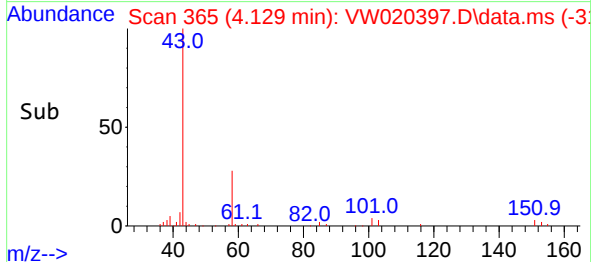
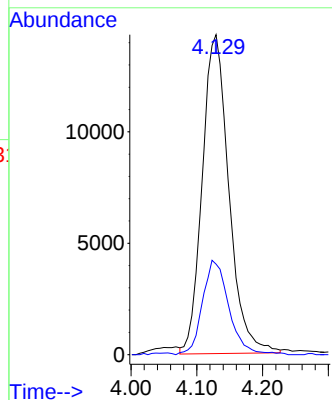
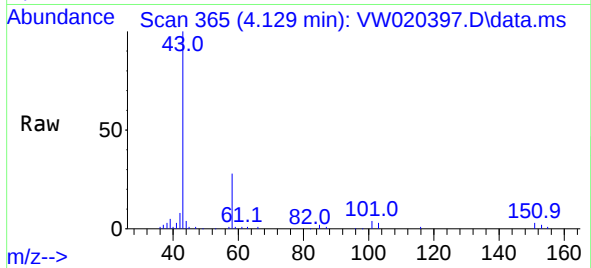




#13
Acetone
Concen: 50.839 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020397.D
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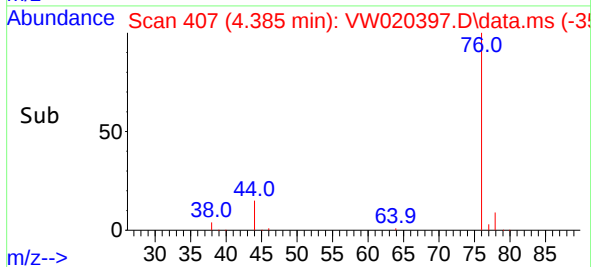
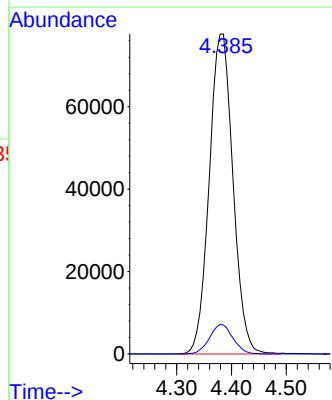
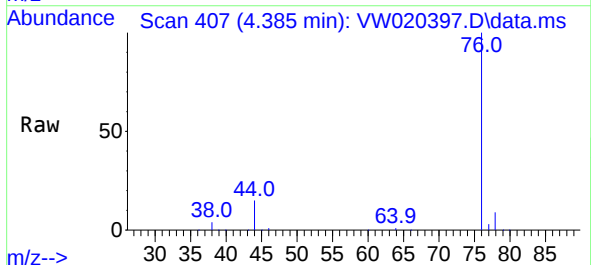
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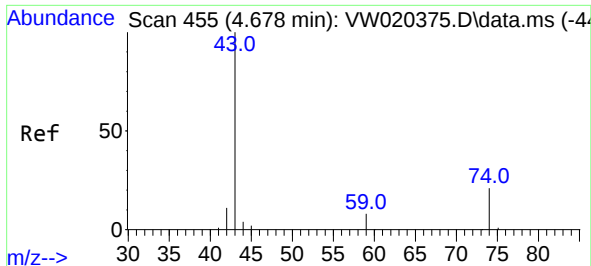
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Ion Ratio Lower Upper
43 100
58 29.0 0.0 58.4



#14
Carbon disulfide
Concen: 23.115 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 233448
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

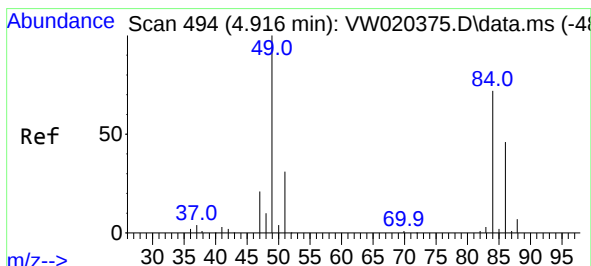
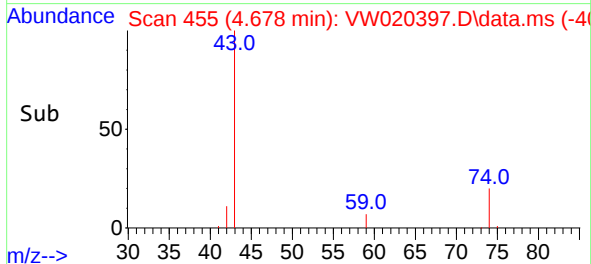
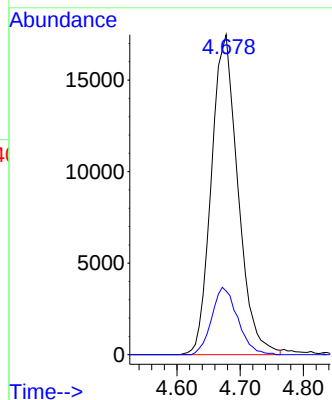
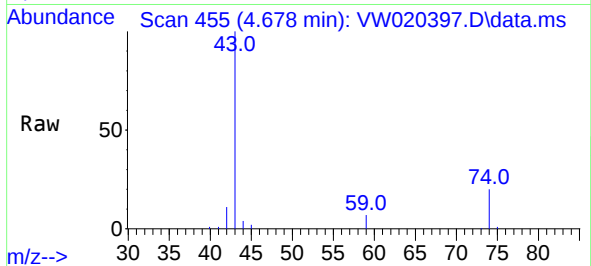




#15
Methyl Acetate
Concen: 35.188 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

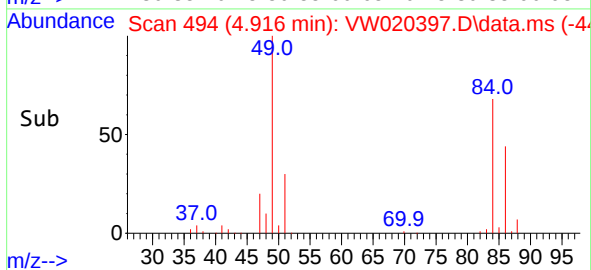
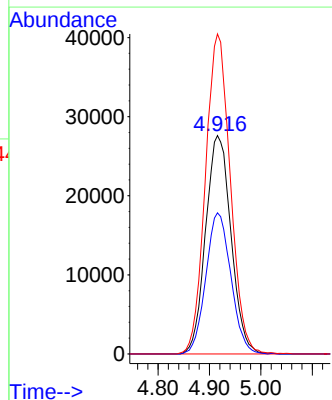
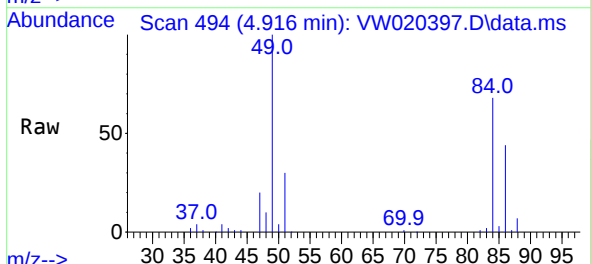
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

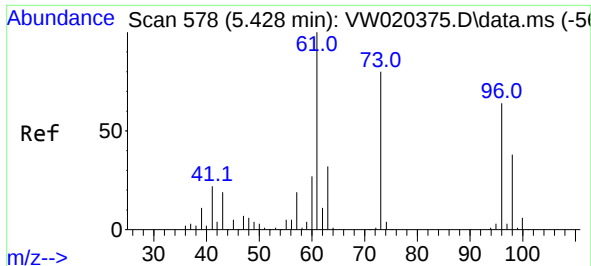
Tgt Ion: 43 Resp: 51103
Ion Ratio Lower Upper
43 100
74 20.5 16.1 24.1



#16
Methylene chloride
Concen: 24.058 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 84 Resp: 94847
Ion Ratio Lower Upper
84 100
86 64.6 44.7 83.1
49 146.5 101.7 188.9

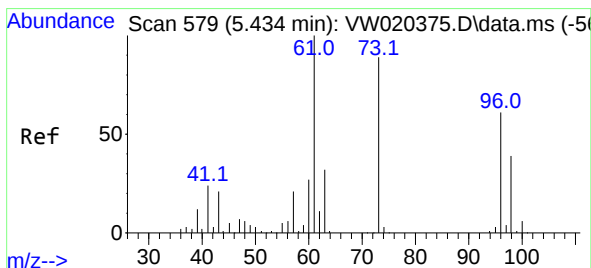
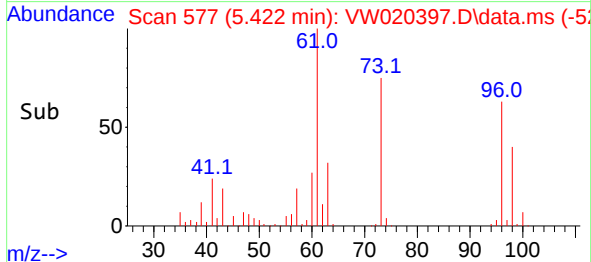
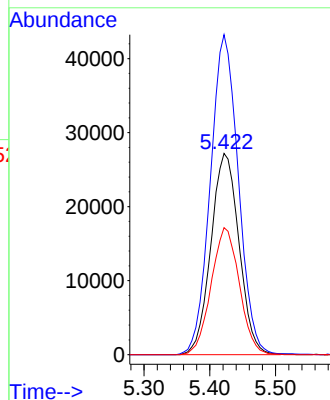
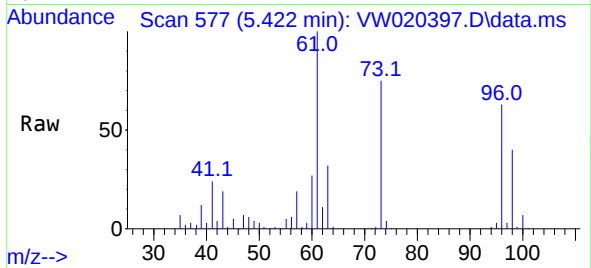




#17
trans-1,2-Dichloroethene
Concen: 25.157 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

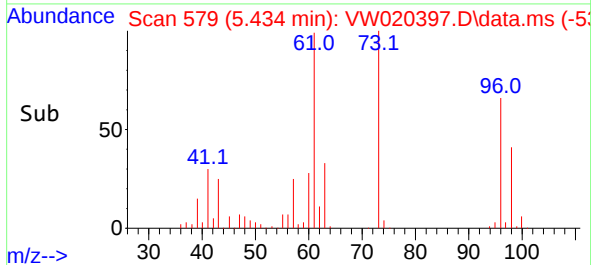
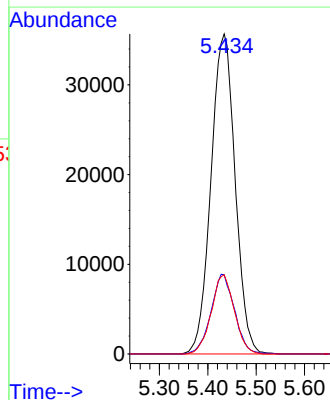
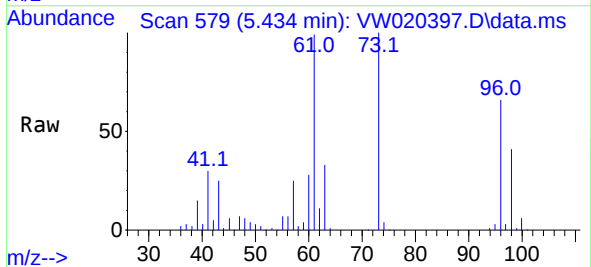
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

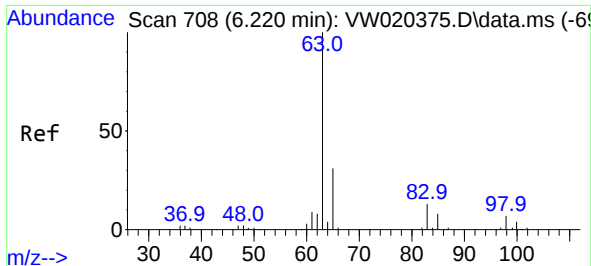
Tgt Ion: 96 Resp: 80908
Ion Ratio Lower Upper
96 100
61 159.0 110.7 205.5
98 63.1 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 29.777 ug/L
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 73 Resp: 123821
Ion Ratio Lower Upper
73 100
43 24.2 18.9 28.3
57 23.7 18.9 28.3

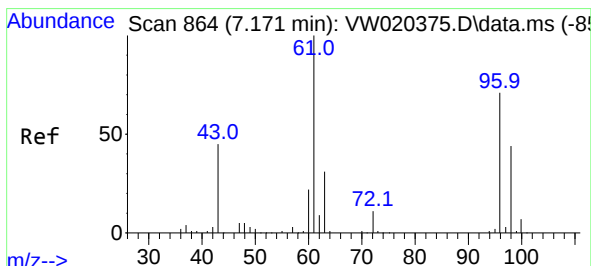
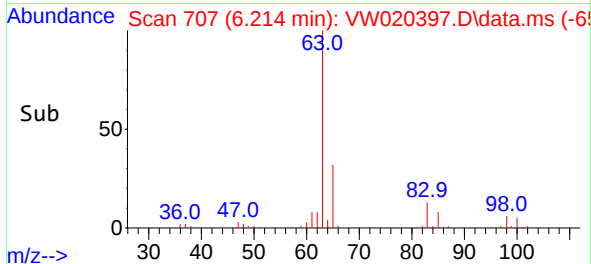
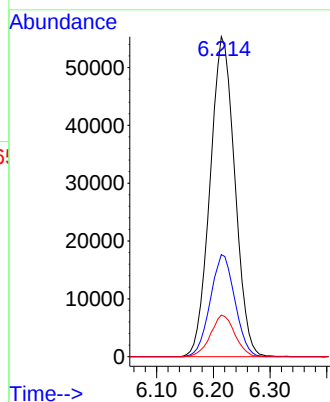
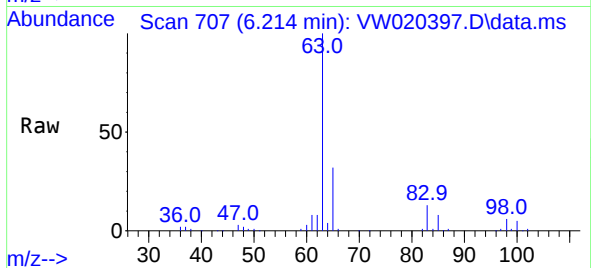




#19
1,1-Dichloroethane
Concen: 26.195 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

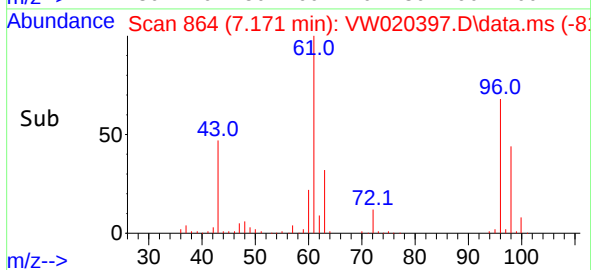
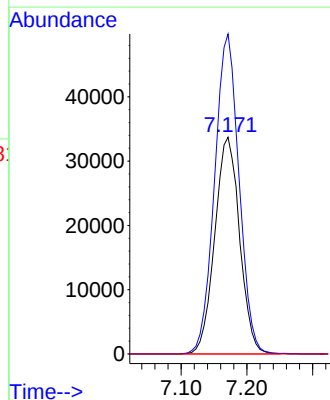
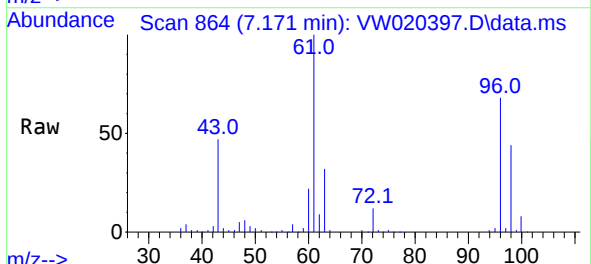
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

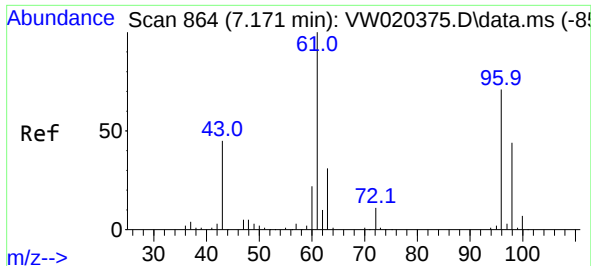
Tgt Ion: 63 Resp: 167550
Ion Ratio Lower Upper
63 100
65 31.9 21.9 40.7
83 13.0 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 26.931 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 96 Resp: 88573
Ion Ratio Lower Upper
96 100
61 147.6 100.3 186.3
68 0.0 0.0 0.0

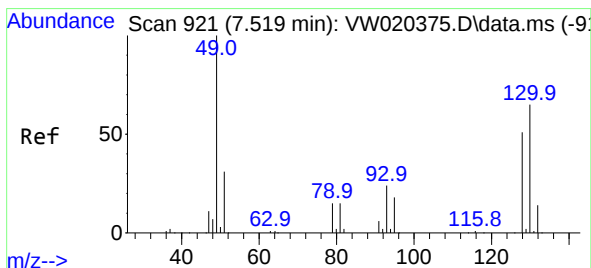
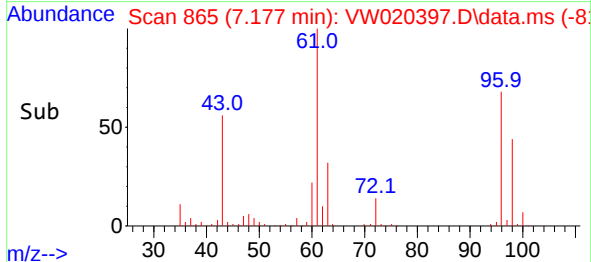
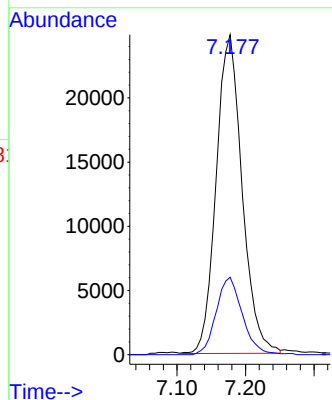
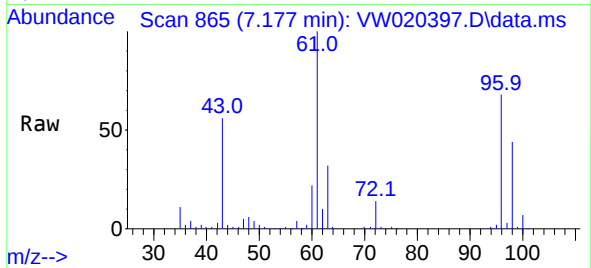




#22
2-Butanone
Concen: 66.704 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

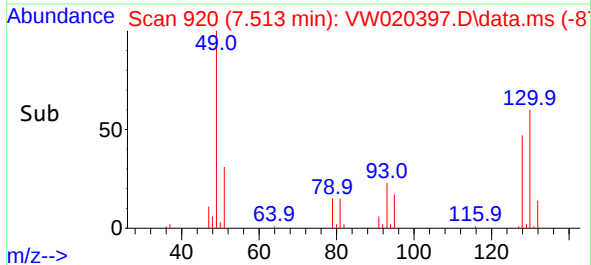
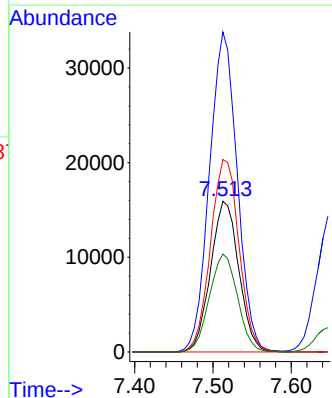
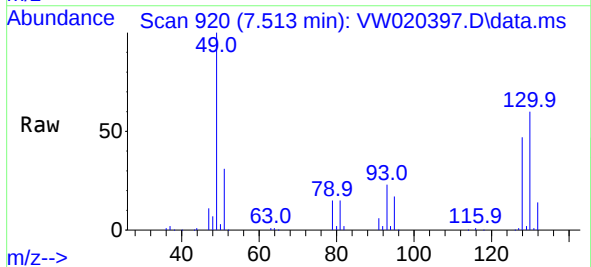
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

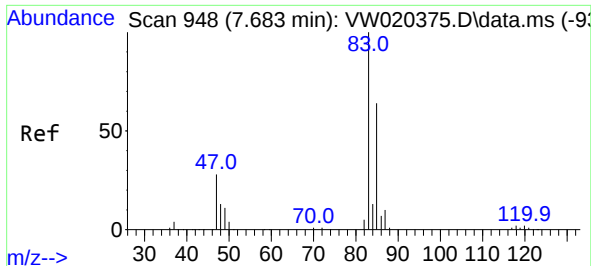
Tgt Ion: 43 Resp: 65169
Ion Ratio Lower Upper
43 100
72 24.4 12.2 36.6



#23
Bromochloromethane
Concen: 28.659 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 128 Resp: 39919
Ion Ratio Lower Upper
128 100
49 212.2 144.1 267.7
130 127.6 89.2 165.6
51 65.0 51.8 77.8

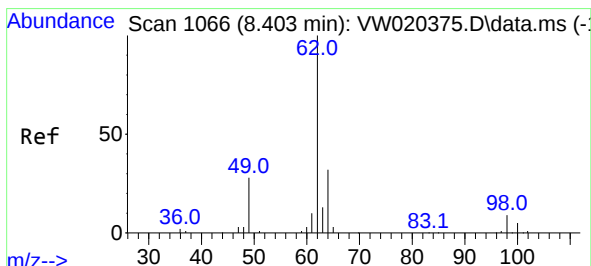
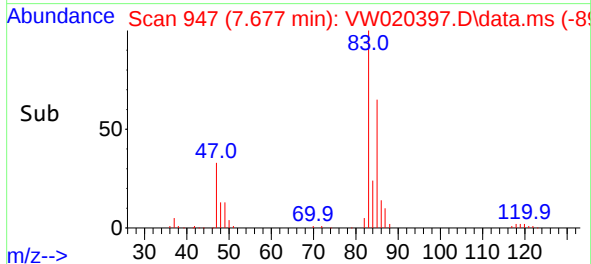
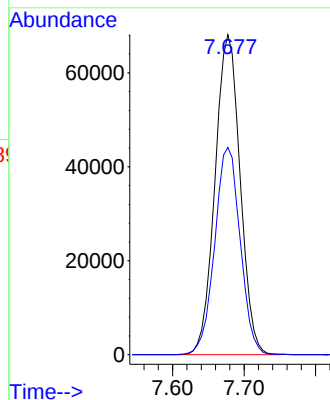
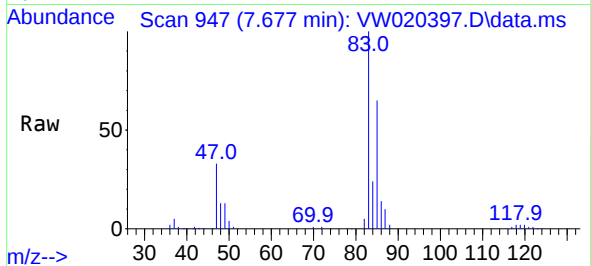




#25
Chloroform
Concen: 27.184 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

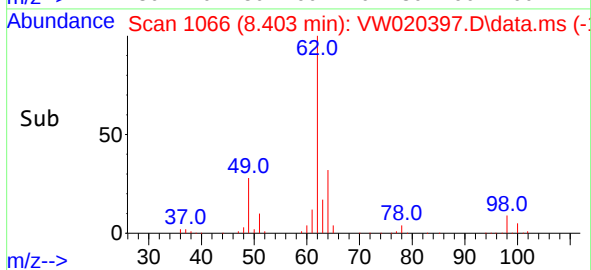
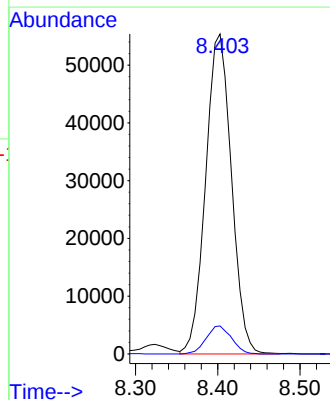
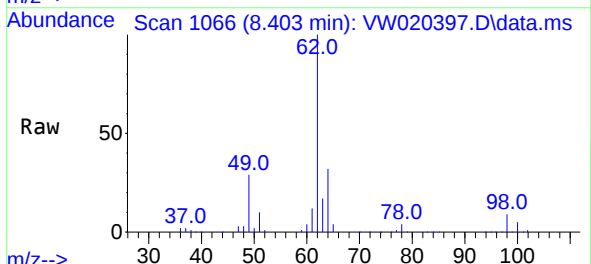
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

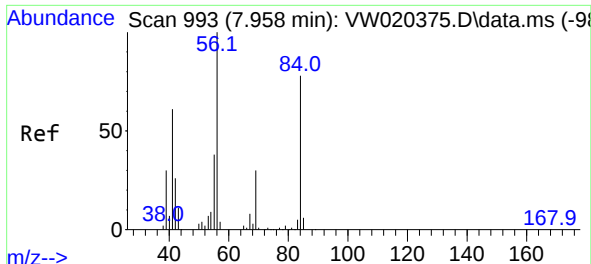
Tgt Ion: 83 Resp: 166292
Ion Ratio Lower Upper
83 100
85 64.8 44.6 82.8



#27
1,2-Dichloroethane
Concen: 29.566 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 62 Resp: 120812
Ion Ratio Lower Upper
62 100
98 8.8 6.6 10.0





#29

Cyclohexane

Concen: 24.143 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW020397.D

Acq: 08 Oct 2021 06:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025569

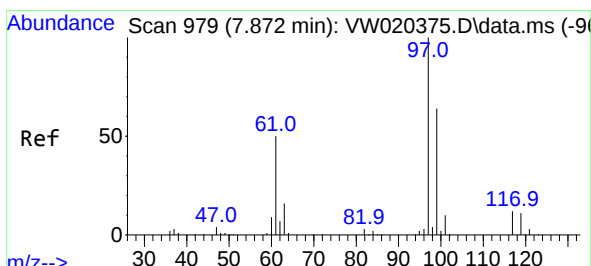
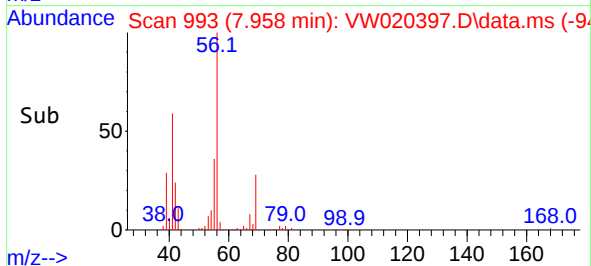
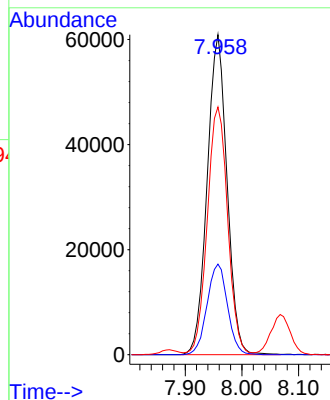
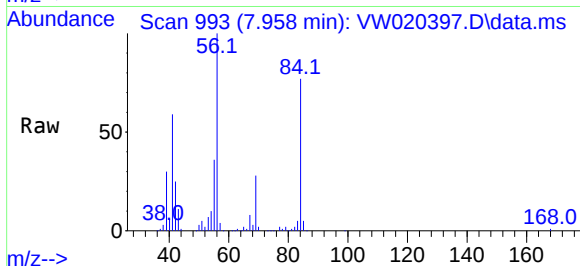
Tgt Ion: 56 Resp: 148219

Ion Ratio Lower Upper

56 100

69 29.1 23.2 34.8

84 79.5 63.7 95.5



#30

1,1,1-Trichloroethane

Concen: 24.331 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW020397.D

Acq: 08 Oct 2021 06:37

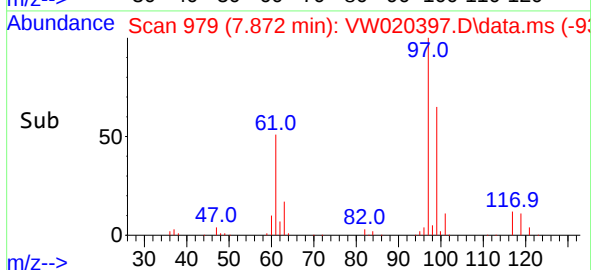
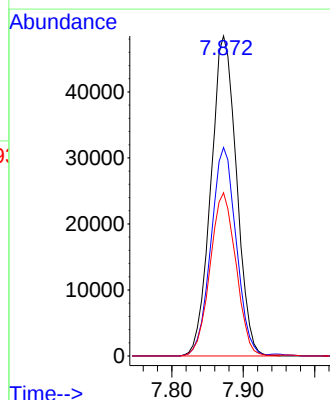
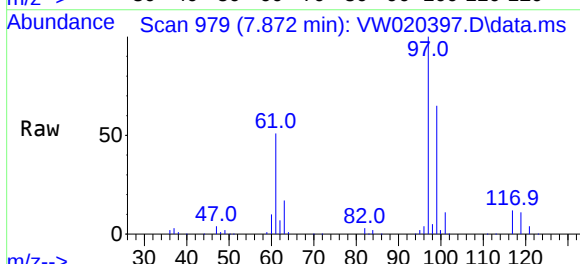
Tgt Ion: 97 Resp: 120518

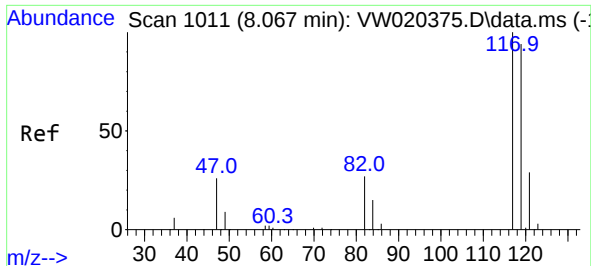
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 51.3 41.0 61.6

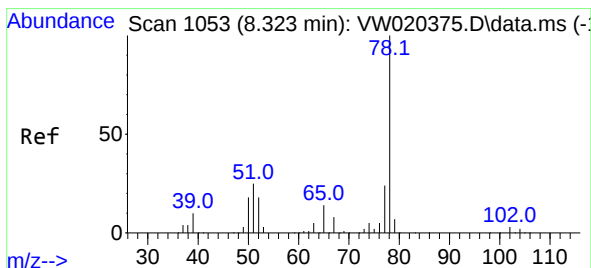
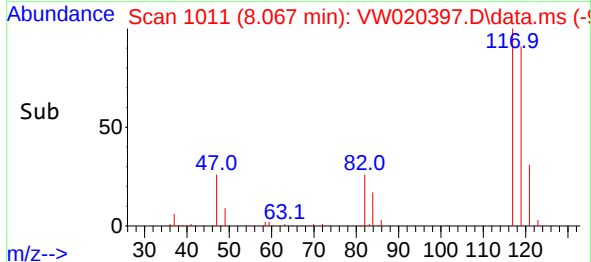
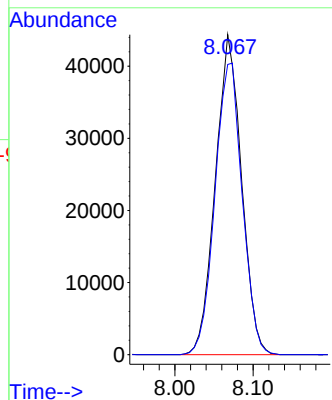
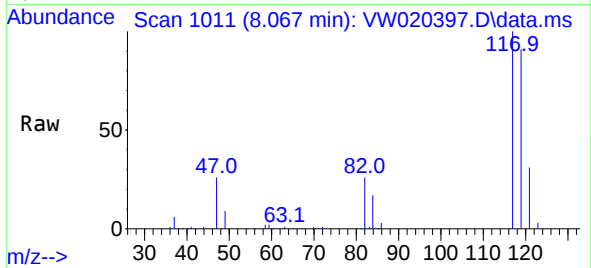




#31
Carbon tetrachloride
Concen: 23.786 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

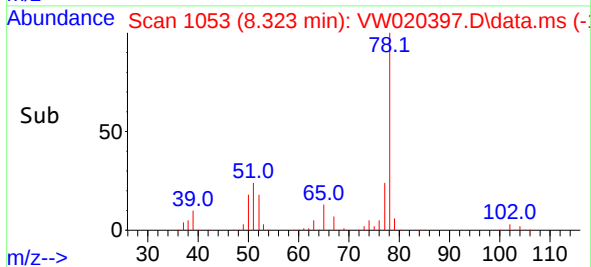
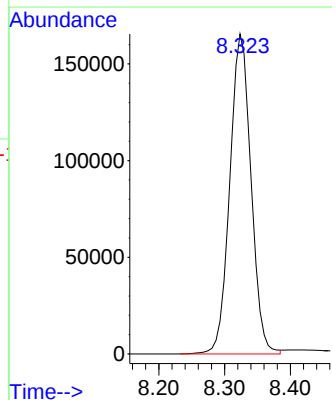
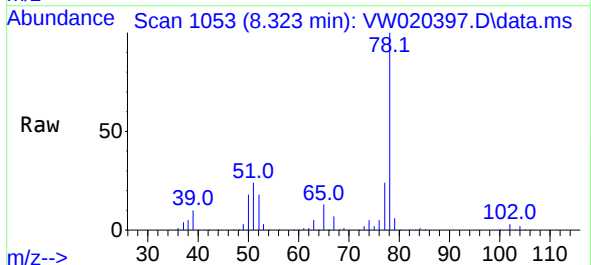
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

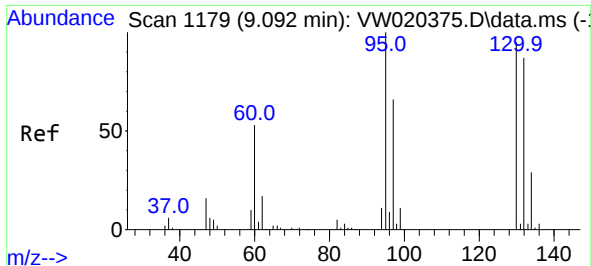
Tgt Ion:117 Resp: 102846
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.4



#33
Benzene
Concen: 25.833 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 78 Resp: 370982



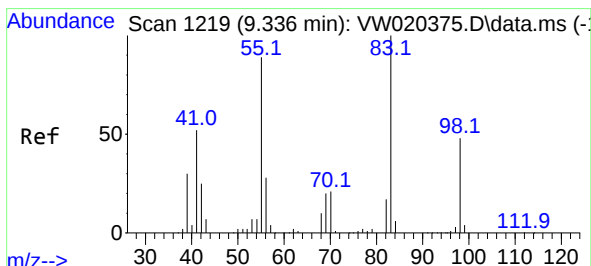
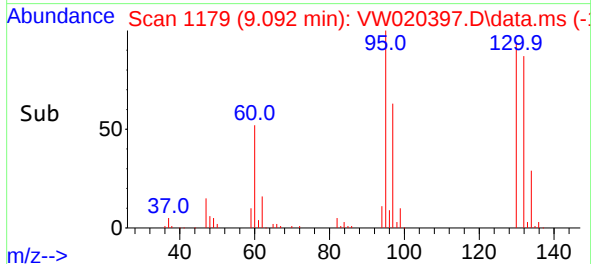
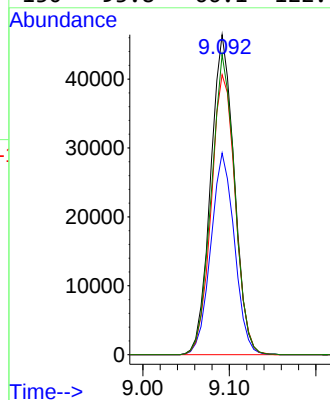
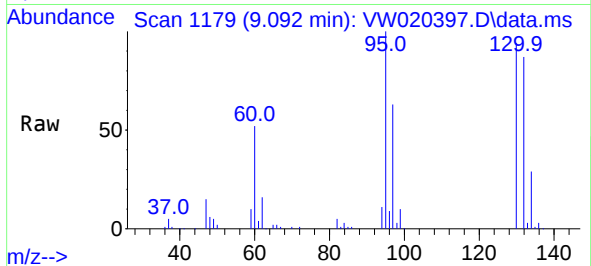


#34
Trichloroethene
Concen: 24.887 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

Tgt Ion: 95 Resp: 87916

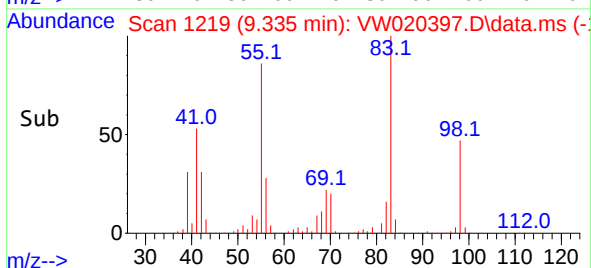
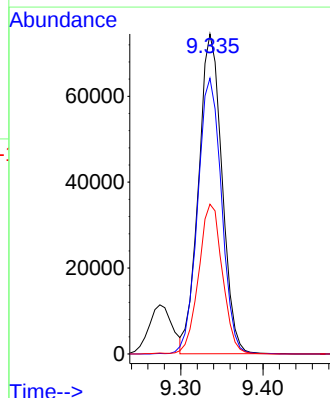
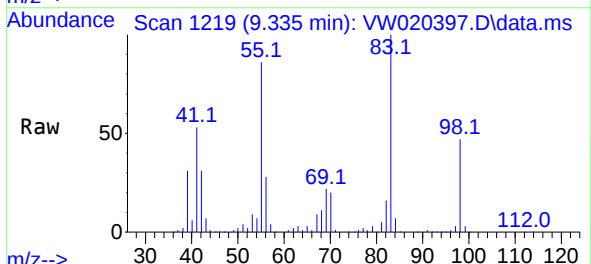
Ion	Ratio	Lower	Upper
95	100		
97	63.0	43.2	80.2
132	87.5	62.3	115.7
130	93.8	66.1	122.7

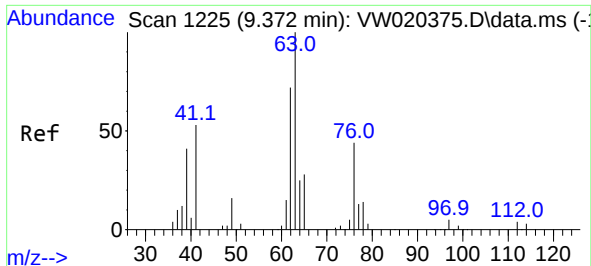


#35
Methylcyclohexane
Concen: 23.908 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 83 Resp: 147330

Ion	Ratio	Lower	Upper
83	100		
55	87.9	69.7	104.5
98	47.5	38.2	57.2

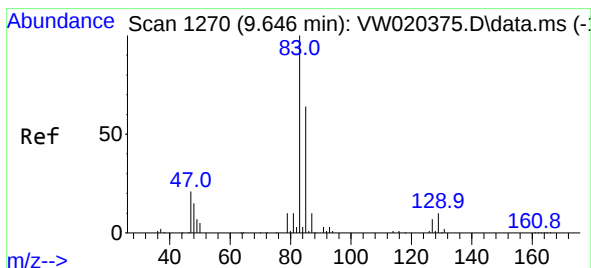
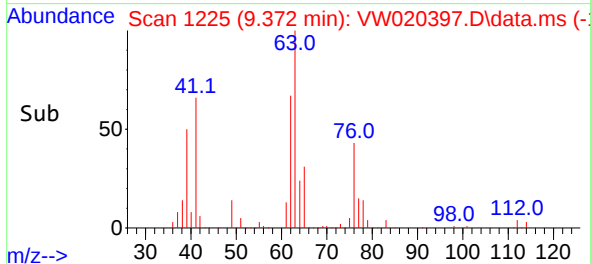
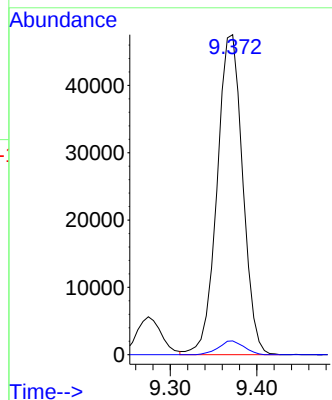
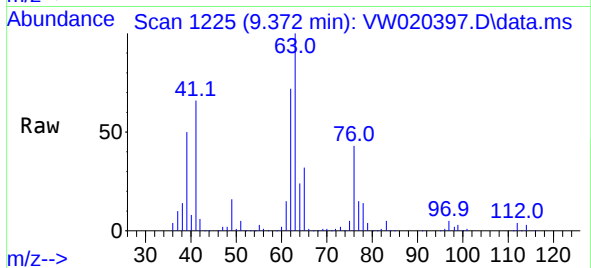




#37
1,2-Dichloropropane
Concen: 27.283 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

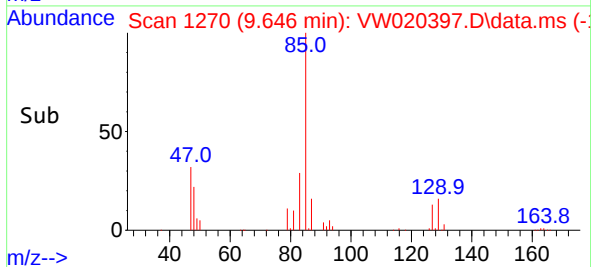
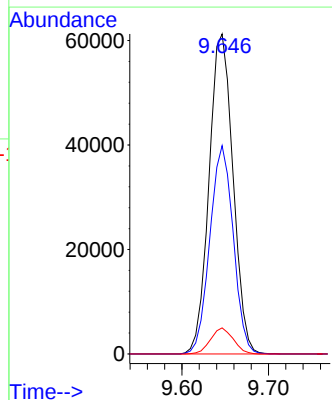
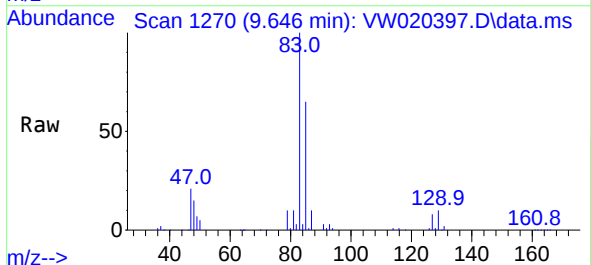
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

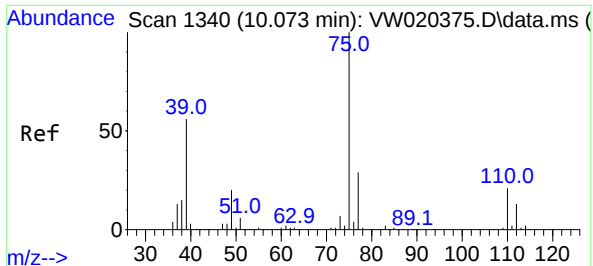
Tgt Ion: 63 Resp: 97609
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 26.998 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 83 Resp: 117686
Ion Ratio Lower Upper
83 100
85 65.1 43.4 80.6
127 8.1 6.2 9.2

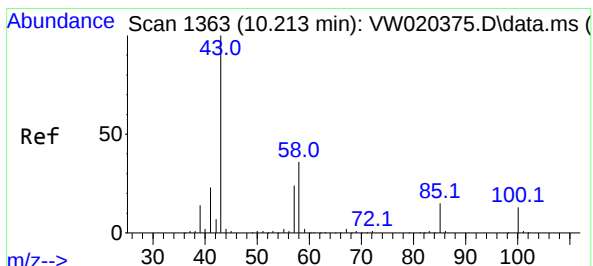
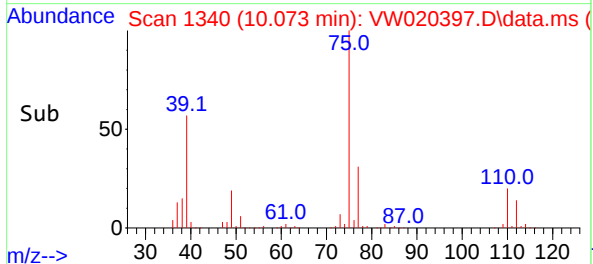
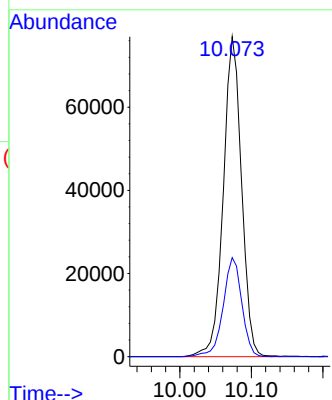
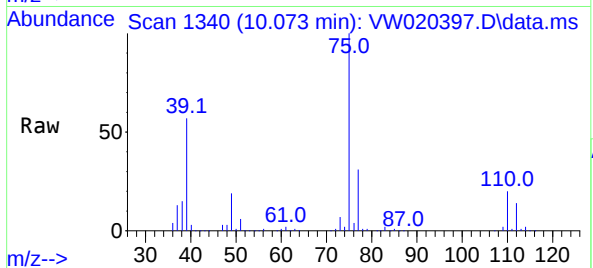




#39
cis-1,3-Dichloropropene
Concen: 26.951 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

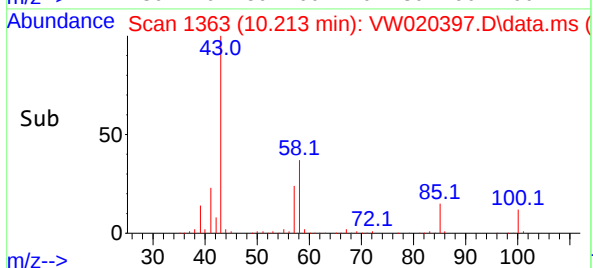
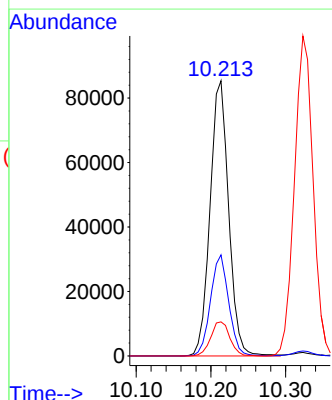
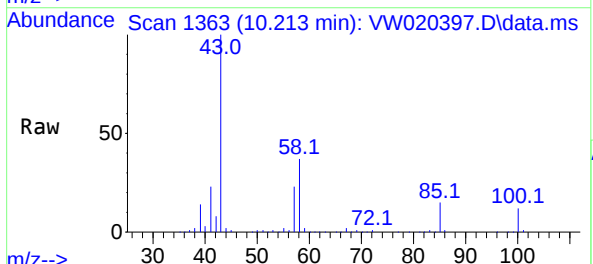
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

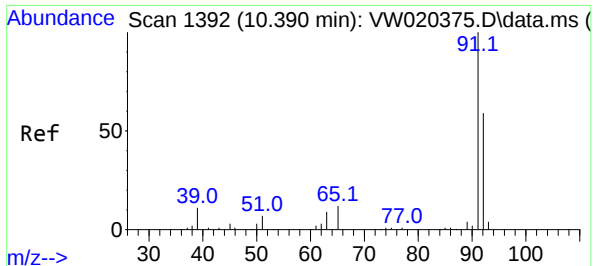
Tgt Ion: 75 Resp: 136375
Ion Ratio Lower Upper
75 100
77 30.9 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 75.591 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 43 Resp: 147728
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.4
100 12.8 10.2 15.4

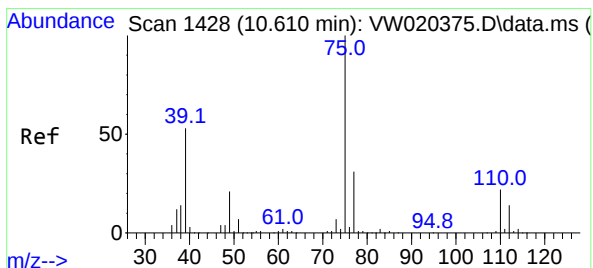
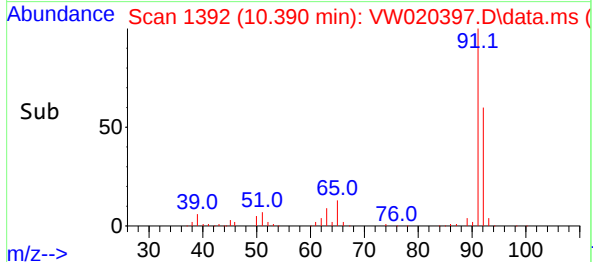
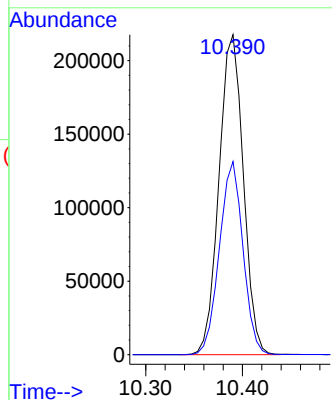
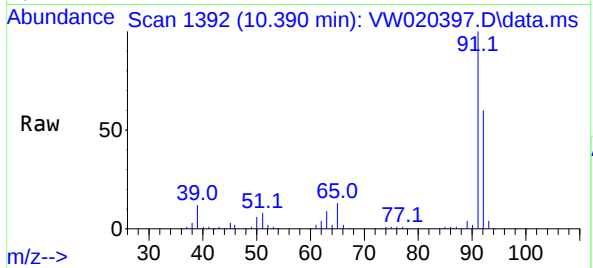




#42
Toluene
Concen: 26.329 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

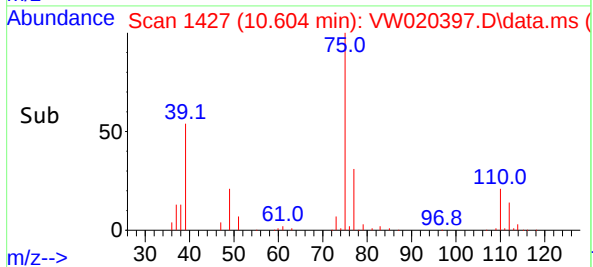
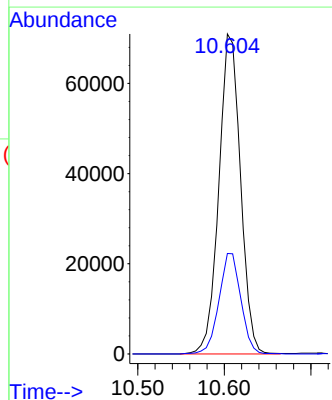
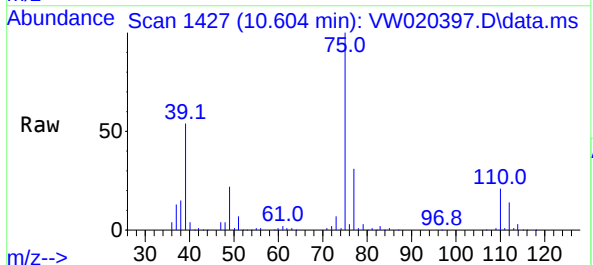
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

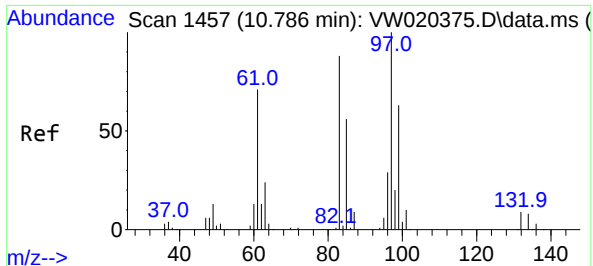
Tgt Ion: 91 Resp: 380264
Ion Ratio Lower Upper
91 100
92 60.3 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 28.104 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 75 Resp: 123161
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.4



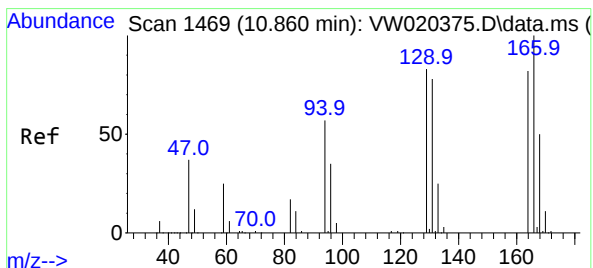
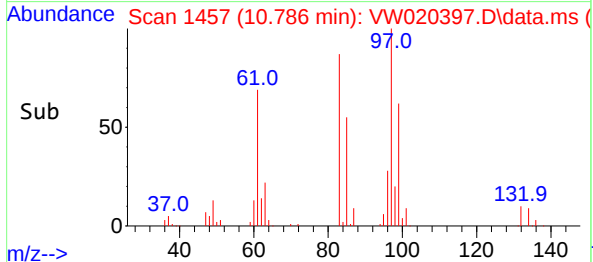
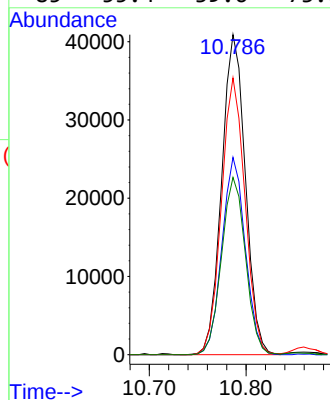
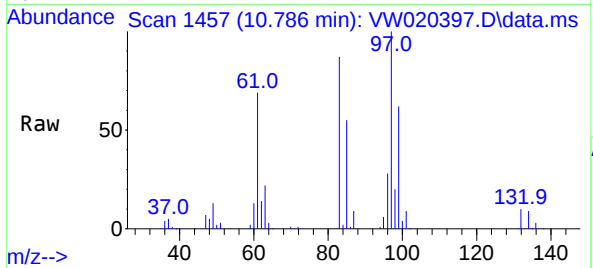


#45
1,1,2-Trichloroethane
Concen: 30.738 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

Tgt Ion: 97 Resp: 69569

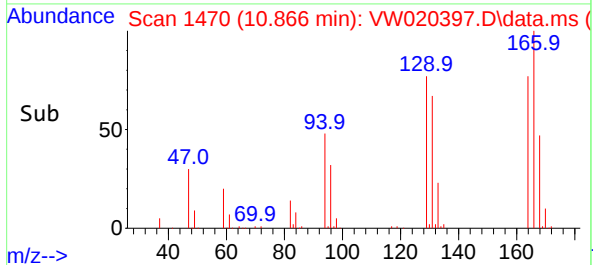
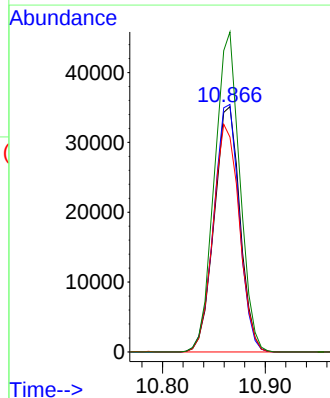
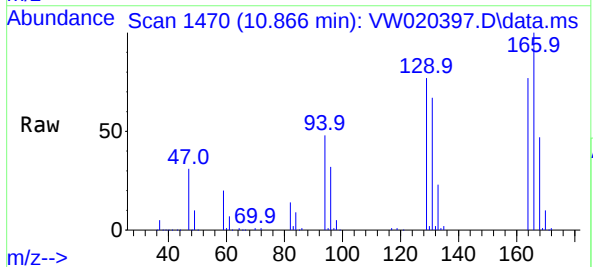
Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.8	79.4
83	86.5	60.9	113.1
85	55.4	39.6	73.6

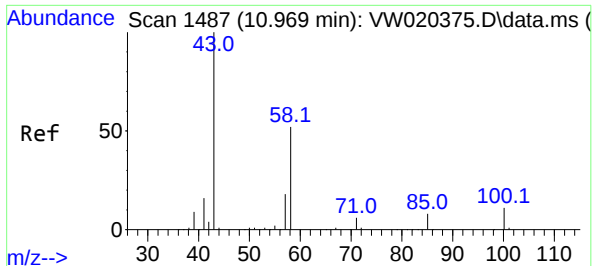


#46
Tetrachloroethene
Concen: 23.461 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 164 Resp: 60999

Ion	Ratio	Lower	Upper
164	100		
129	100.9	69.1	128.3
131	87.6	58.3	108.3
166	130.4	90.4	168.0



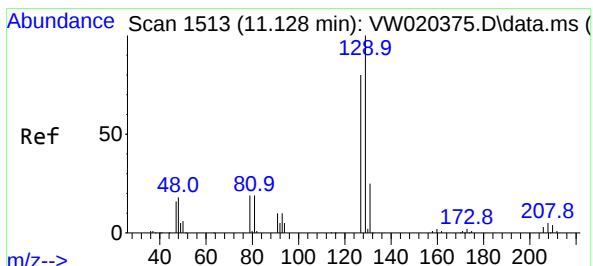
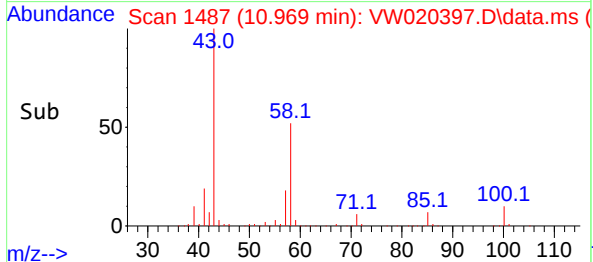
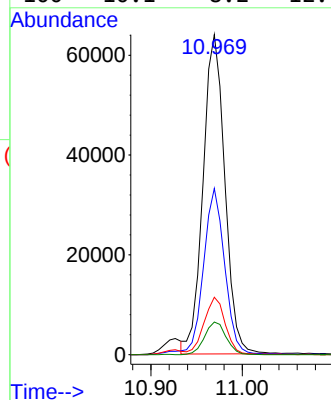
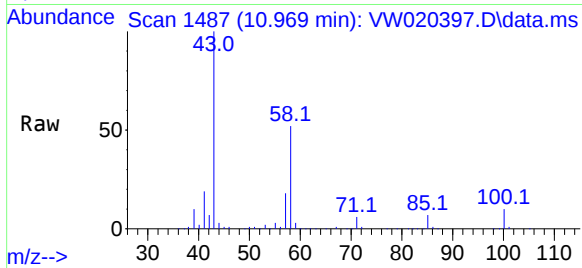


#48
2-Hexanone
Concen: 74.339 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

Tgt Ion: 43 Resp: 105985

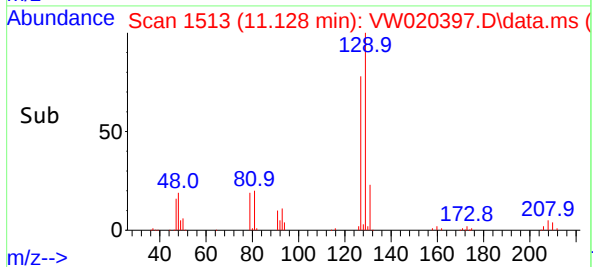
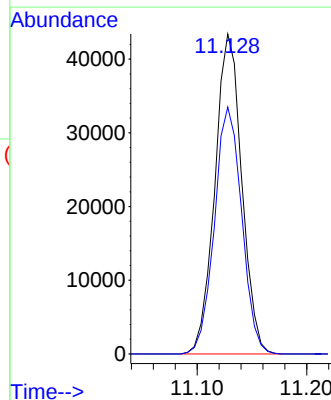
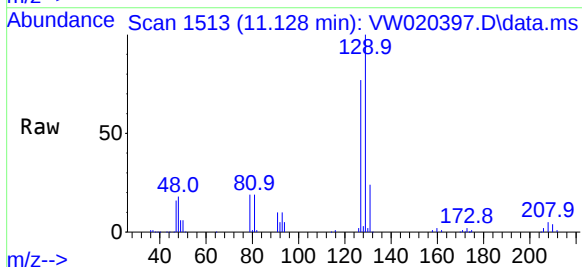
Ion	Ratio	Lower	Upper
43	100		
58	51.4	39.5	59.3
57	17.5	14.2	21.4
100	10.1	8.2	12.4

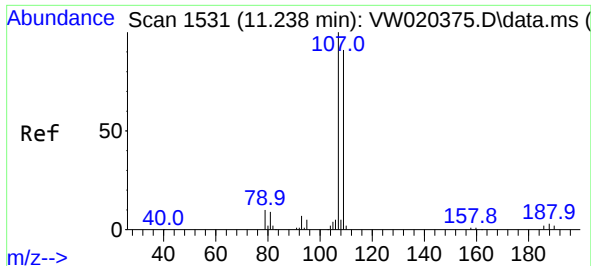


#49
Dibromochloromethane
Concen: 29.131 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 129 Resp: 73989

Ion	Ratio	Lower	Upper
129	100		
127	77.2	55.1	102.3



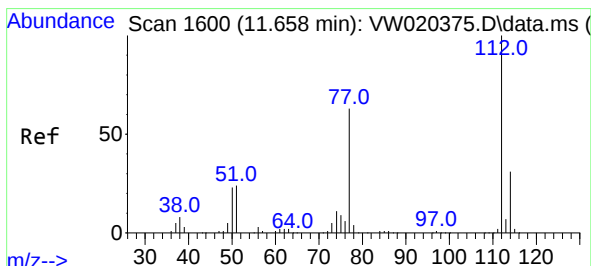
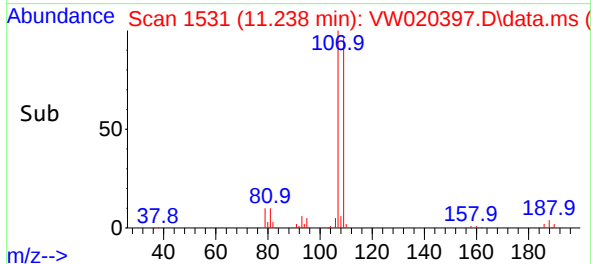
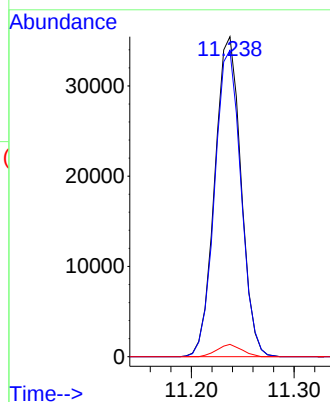
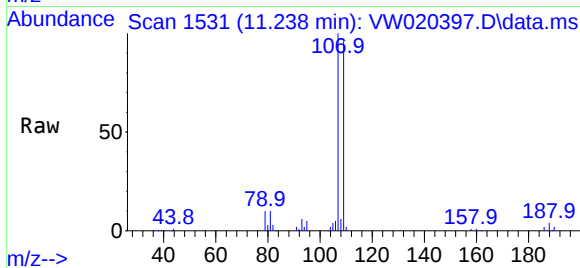


#50
1,2-Dibromoethane
Concen: 30.163 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

Tgt Ion:107 Resp: 62776

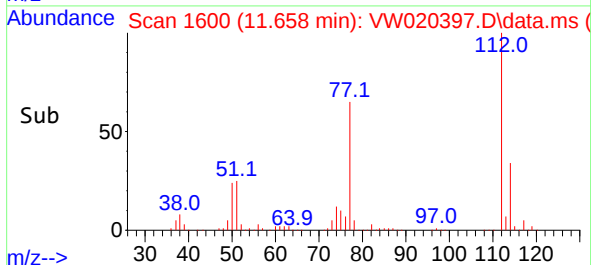
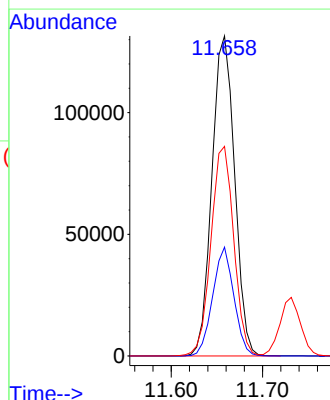
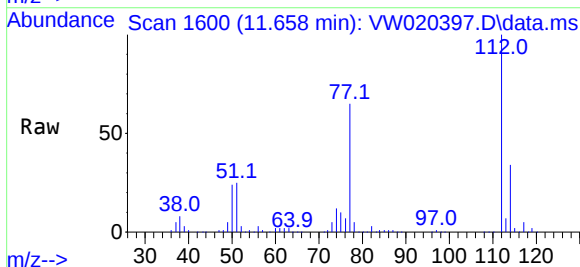
Ion	Ratio	Lower	Upper
107	100		
109	95.8	64.5	119.9
188	3.9	3.2	4.8

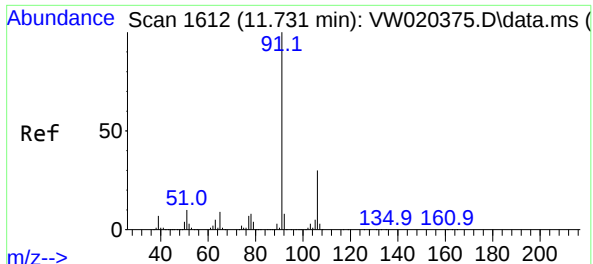


#51
Chlorobenzene
Concen: 25.926 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion:112 Resp: 227114

Ion	Ratio	Lower	Upper
112	100		
114	34.0	22.3	41.5
77	65.5	50.7	76.1

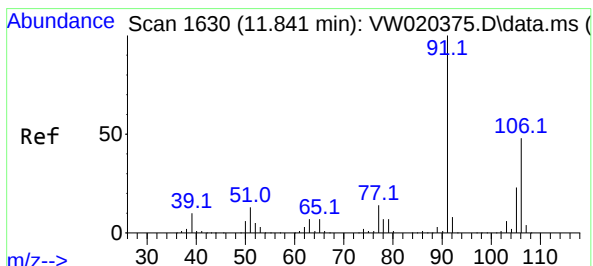
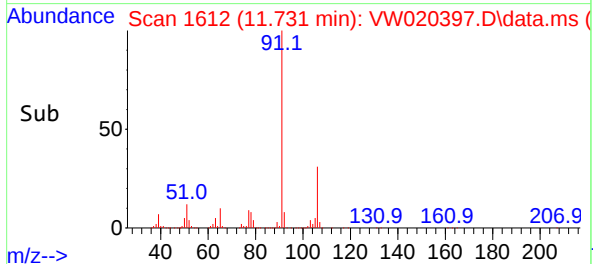
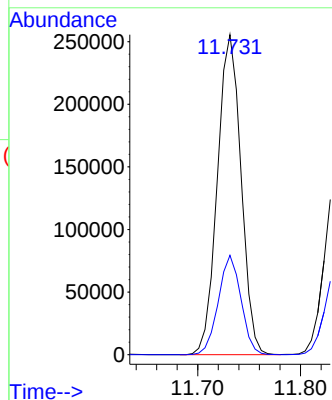
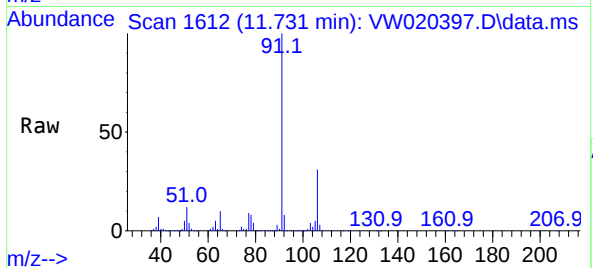




#52
Ethylbenzene
Concen: 25.879 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

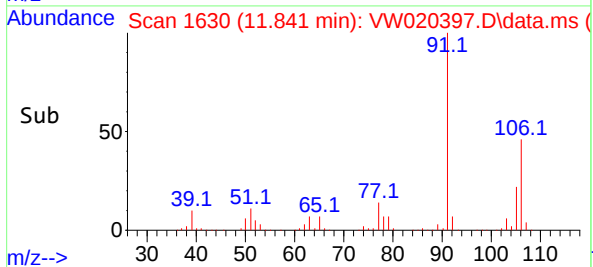
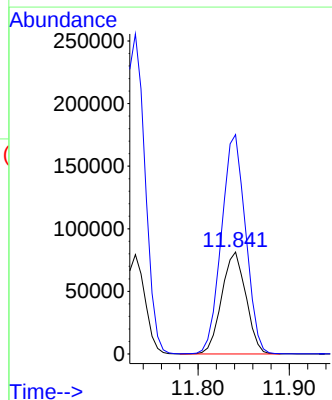
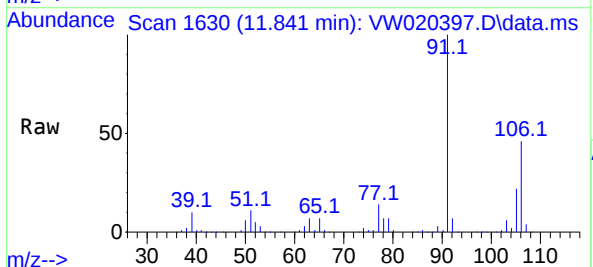
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

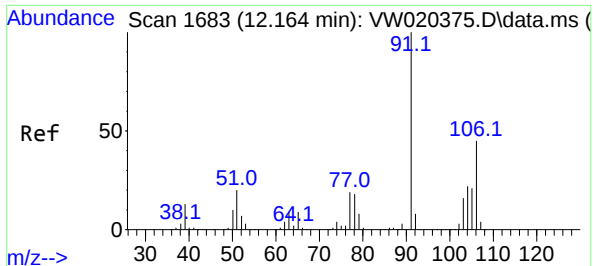
Tgt Ion: 91 Resp: 408040
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.5



#53
m,p-Xylene
Concen: 25.750 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion:106 Resp: 149991
Ion Ratio Lower Upper
106 100
91 215.2 148.2 275.2

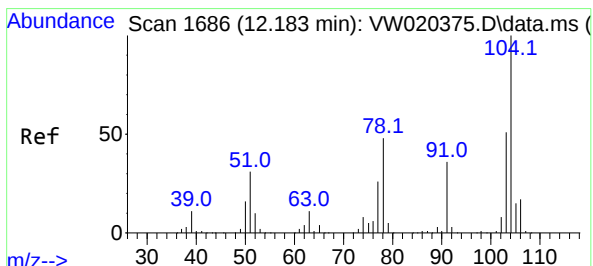
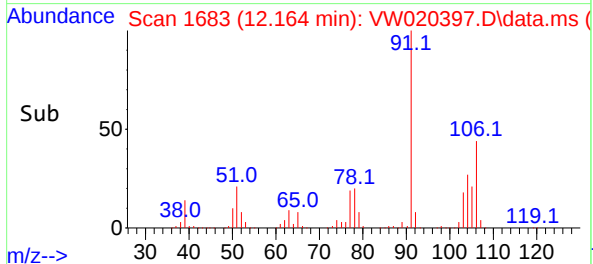
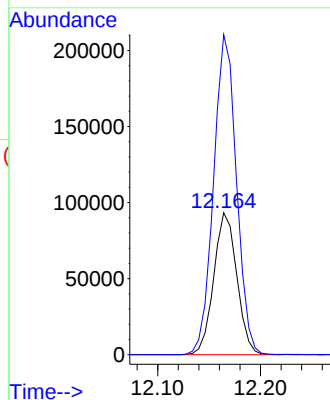
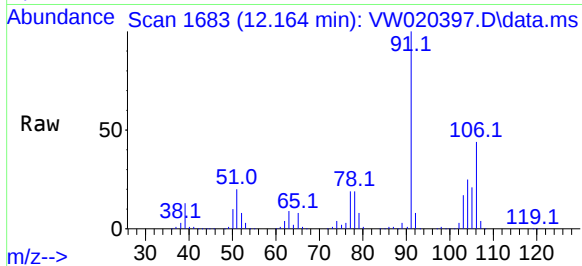




#54
o-Xylene
Concen: 26.635 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

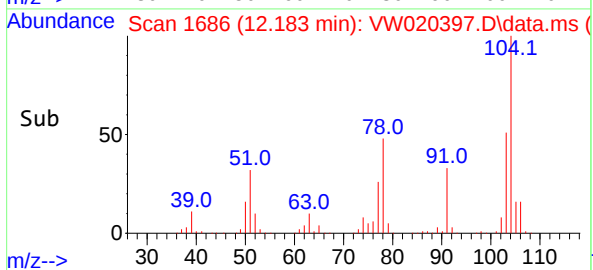
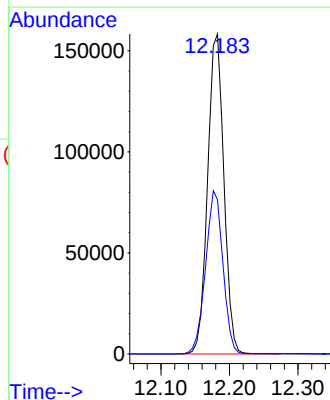
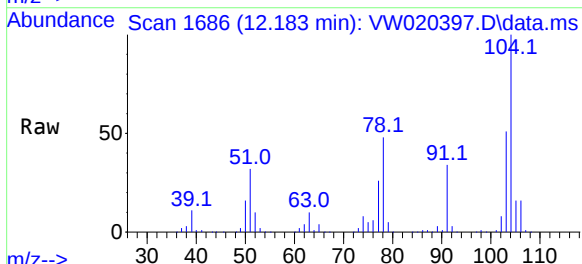
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

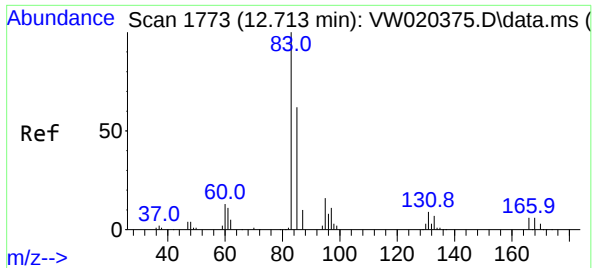
Tgt Ion:106 Resp: 145287
Ion Ratio Lower Upper
106 100
91 225.5 156.1 289.9



#55
Styrene
Concen: 27.846 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion:104 Resp: 261419
Ion Ratio Lower Upper
104 100
78 48.2 33.2 61.7

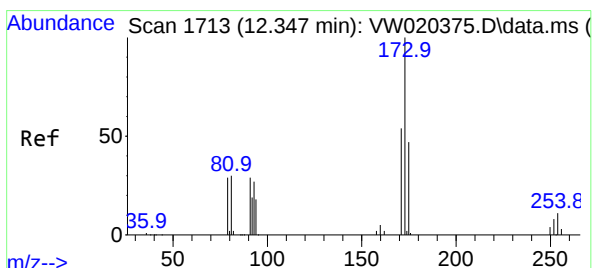
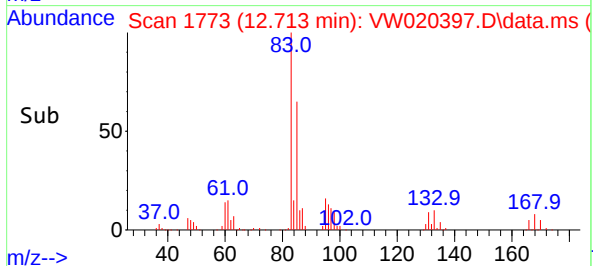
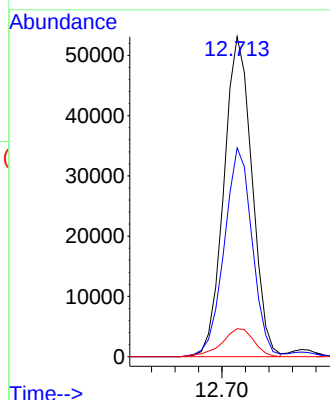
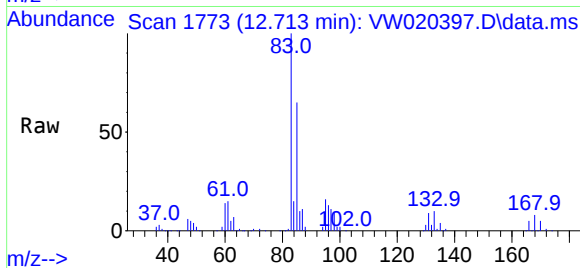




#57
1,1,2-Tetrachloroethane
Concen: 32.761 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

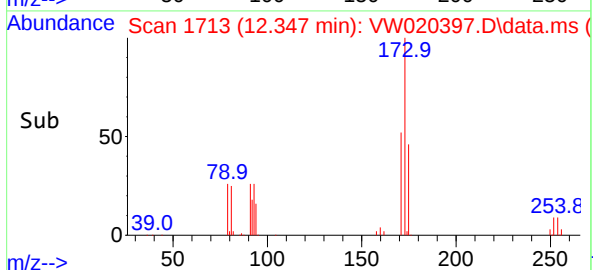
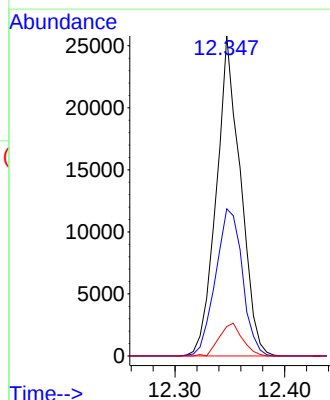
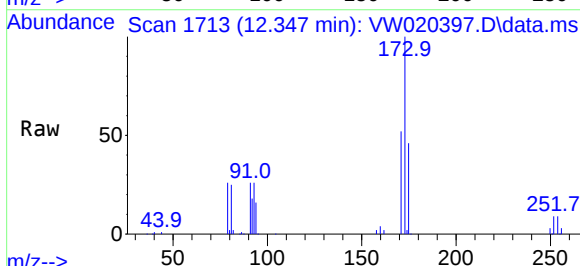
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

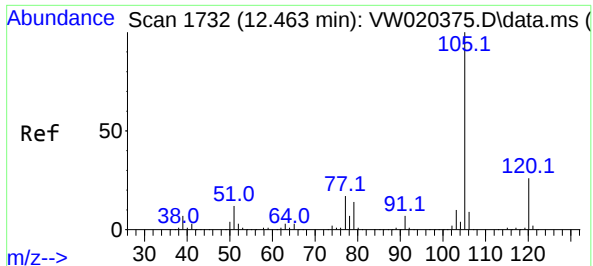
Tgt Ion:	83	Resp:	88155
Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.9	85.3
131	8.7	7.4	11.2



#59
Bromoform
Concen: 28.131 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion:	173	Resp:	39413
Ion	Ratio	Lower	Upper
173	100		
175	51.1	38.6	57.8
254	9.7	7.3	10.9

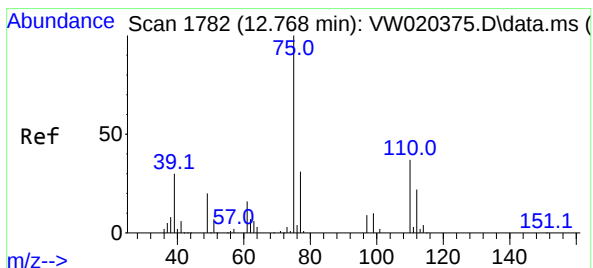
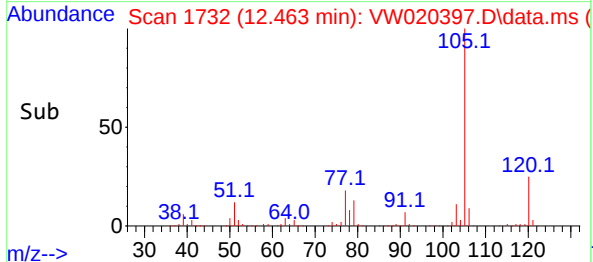
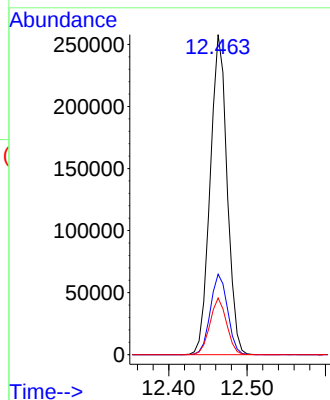
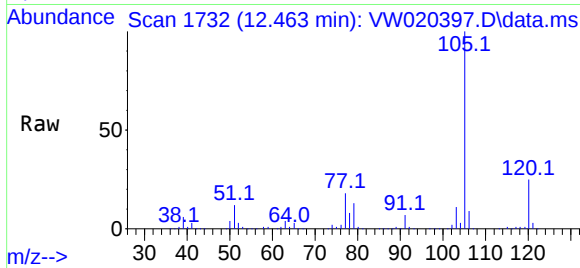




#60
Isopropylbenzene
Concen: 24.866 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

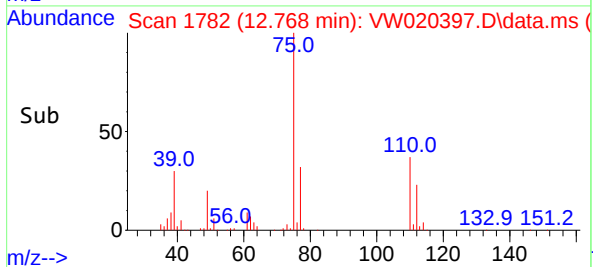
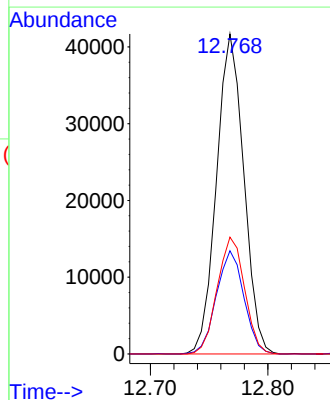
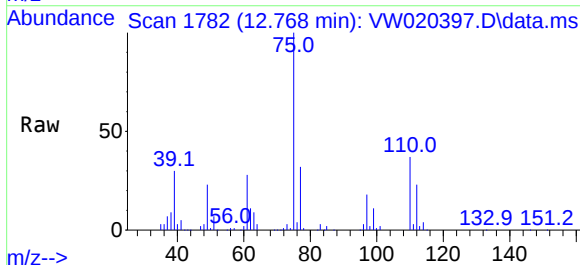
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

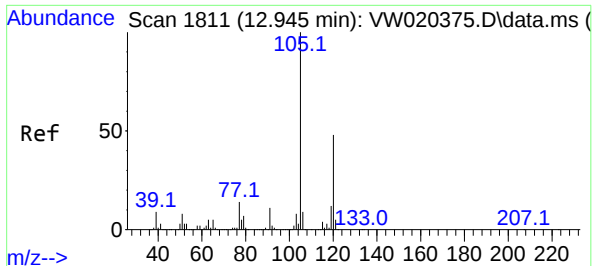
Tgt Ion:105 Resp: 387086
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 17.4 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 32.370 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion: 75 Resp: 67281
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7
110 36.6 29.4 44.0

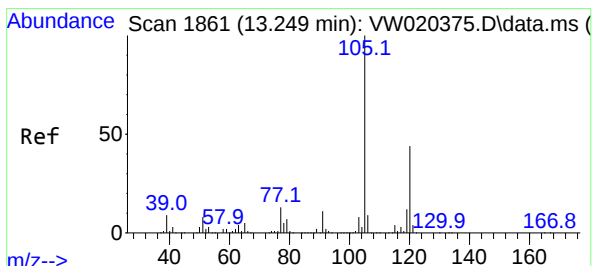
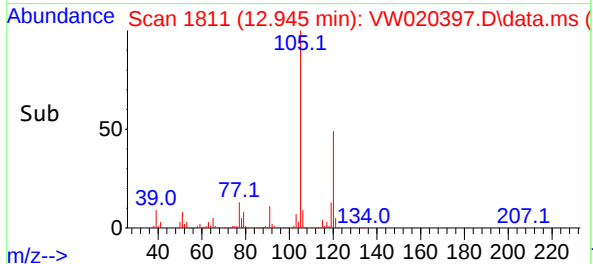
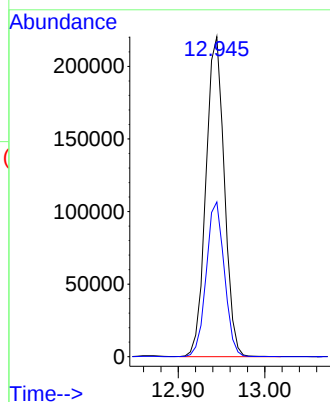
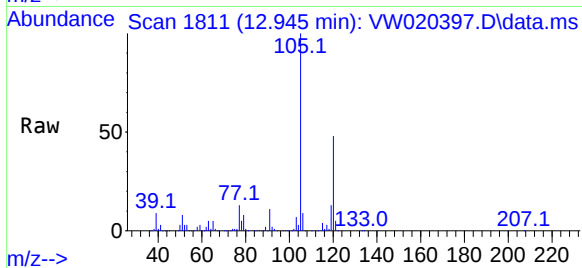




#62
1,3,5-Trimethylbenzene
Concen: 25.804 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

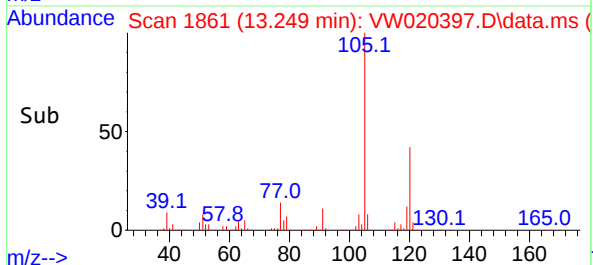
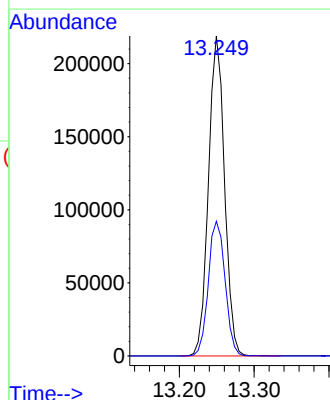
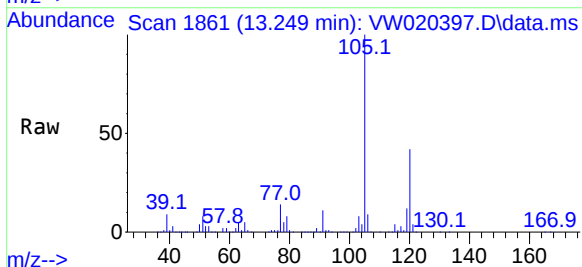
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

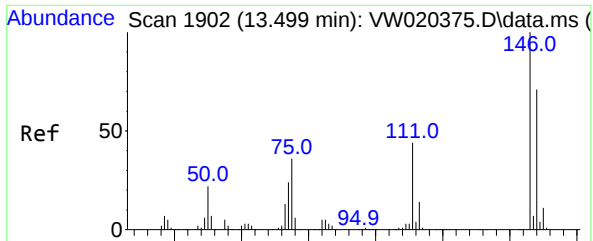
Tgt Ion:105 Resp: 325014
Ion Ratio Lower Upper
105 100
120 47.7 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 25.964 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion:105 Resp: 326829
Ion Ratio Lower Upper
105 100
120 43.9 35.4 53.2

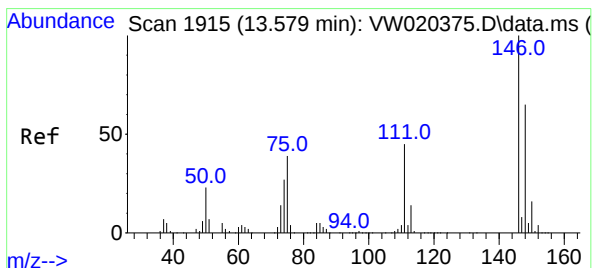
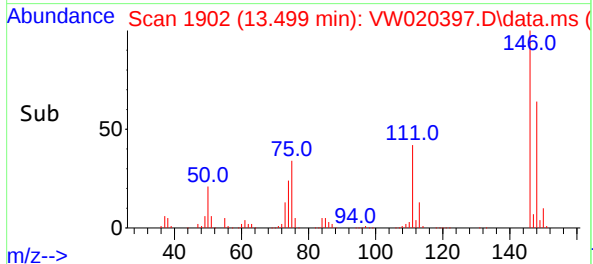
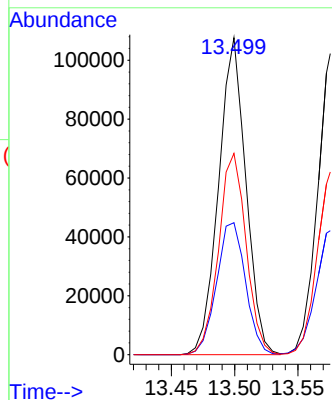
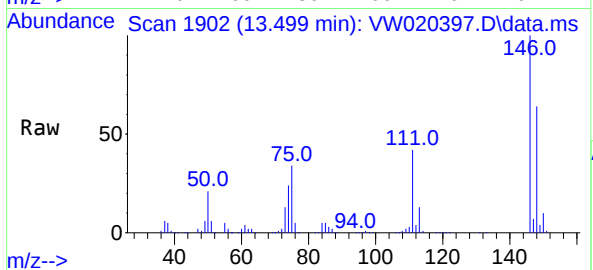




#64
1,3-Dichlorobenzene
Concen: 24.649 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

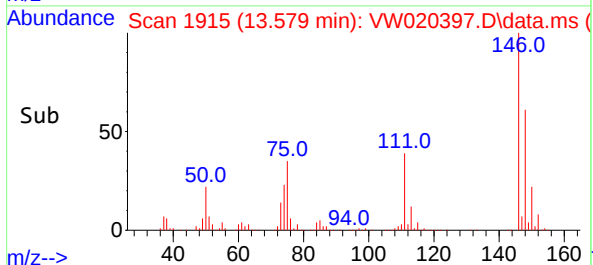
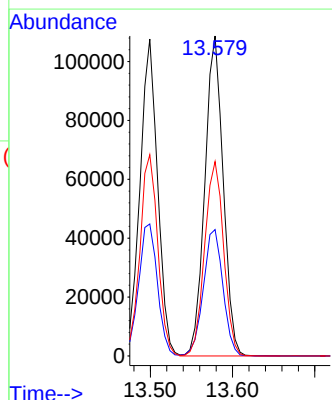
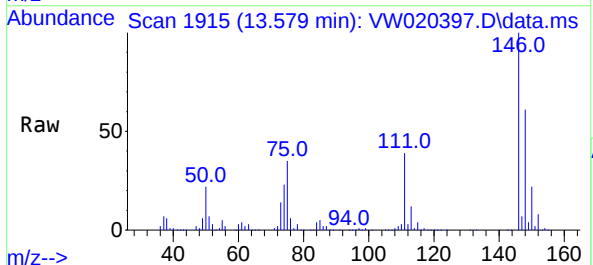
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

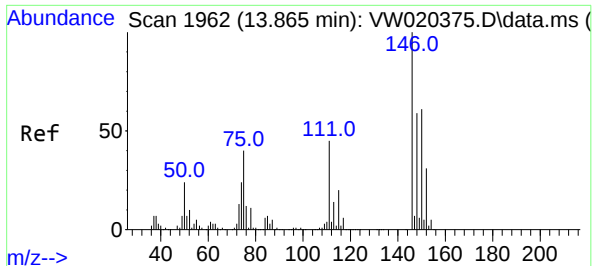
Tgt Ion:146 Resp: 161406
Ion Ratio Lower Upper
146 100
111 41.6 29.0 53.8
148 63.5 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 25.488 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion:146 Resp: 168475
Ion Ratio Lower Upper
146 100
111 39.5 30.9 57.5
148 60.8 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 26.792 ug/L

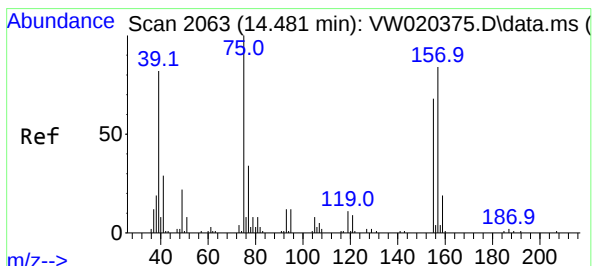
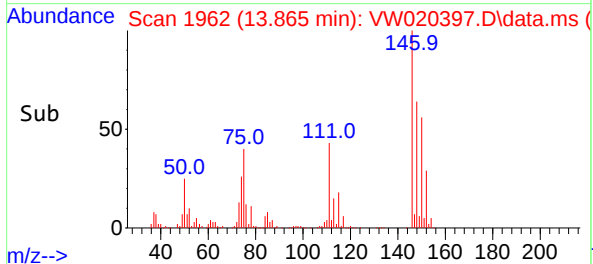
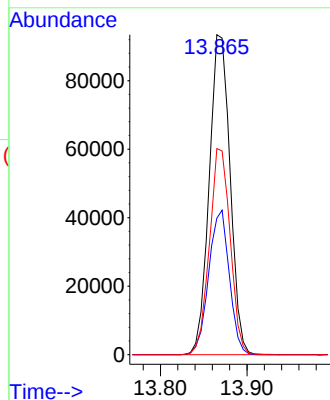
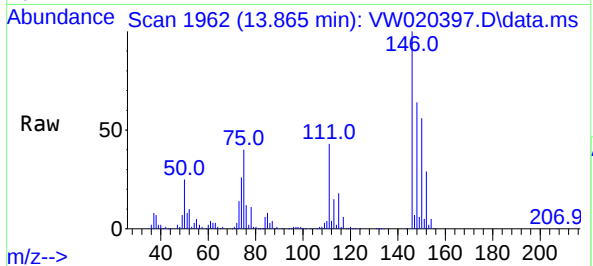
RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW020397.D

Acq: 08 Oct 2021 06:37

Tgt Ion:	146	Resp:	156421
Ion	Ratio	Lower	Upper
146	100		
111	42.7	33.9	50.9
148	64.4	51.0	76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 34.143 ug/L

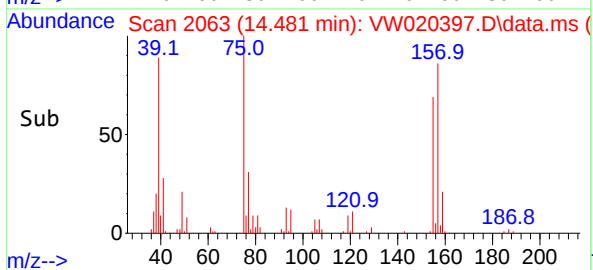
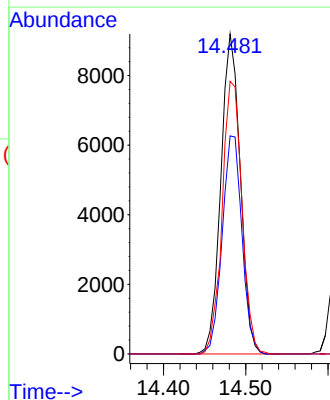
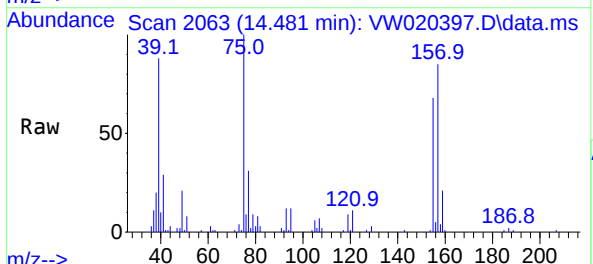
RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

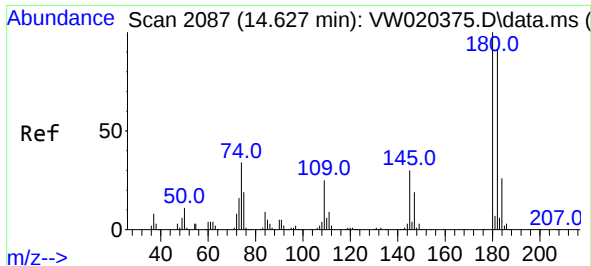
Lab File: VW020397.D

Acq: 08 Oct 2021 06:37

Tgt Ion:	75	Resp:	15062
Ion	Ratio	Lower	Upper
75	100		
155	68.2	51.4	77.0
157	85.2	70.8	106.2



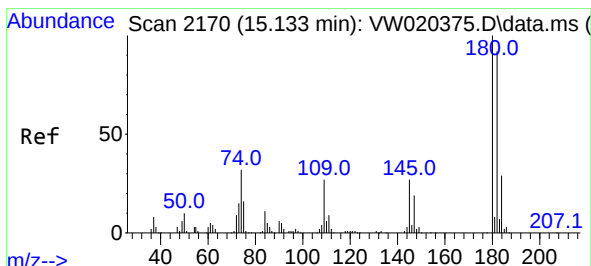
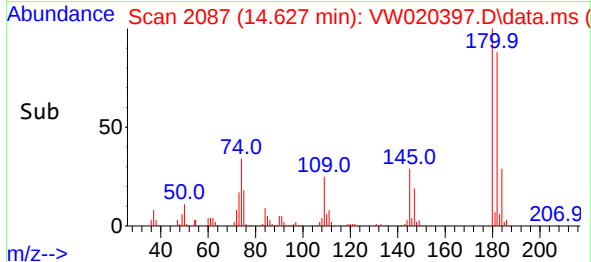
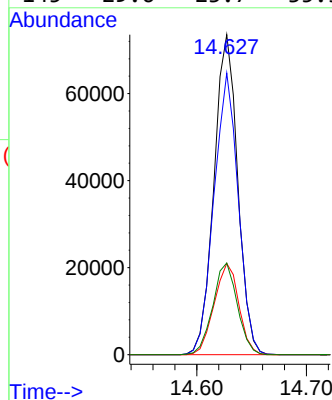
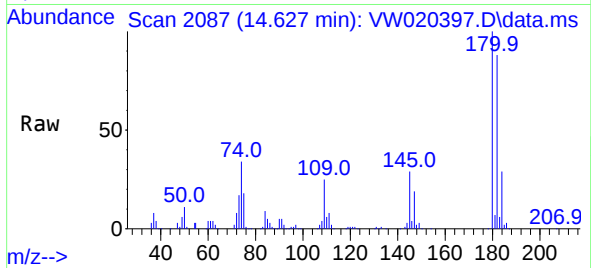
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569



#69
1,3,5-Trichlorobenzene
Concen: 23.795 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

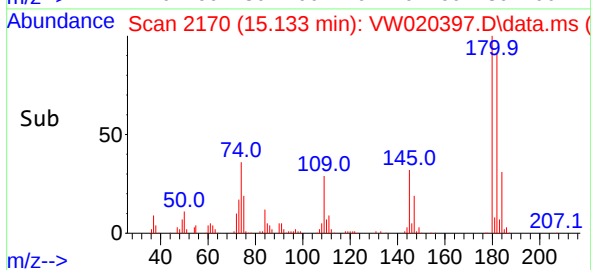
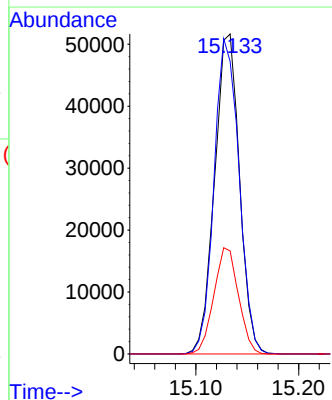
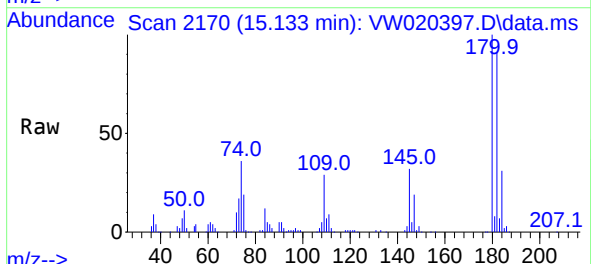
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

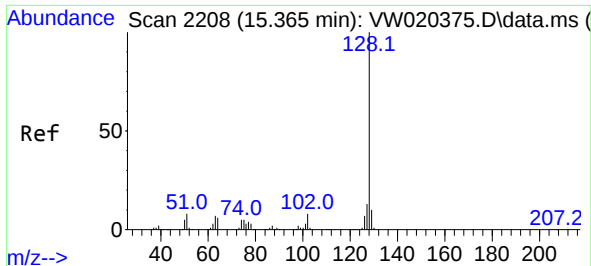
Tgt Ion:	180	Resp:	110687
Ion Ratio	Lower	Upper	
180	100		
182	90.0	73.4	110.0
184	29.6	24.2	36.4
145	29.6	23.7	35.5



#70
1,2,4-trichlorobenzene
Concen: 23.951 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

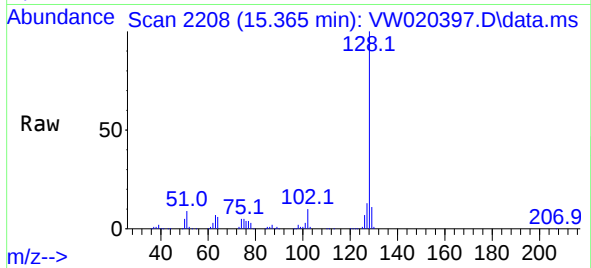
Tgt Ion:	180	Resp:	86895
Ion Ratio	Lower	Upper	
180	100		
182	98.7	75.8	113.8
145	32.8	24.8	37.2



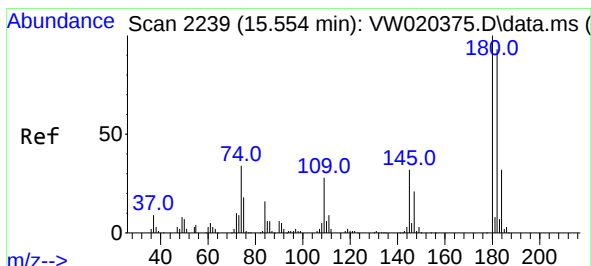
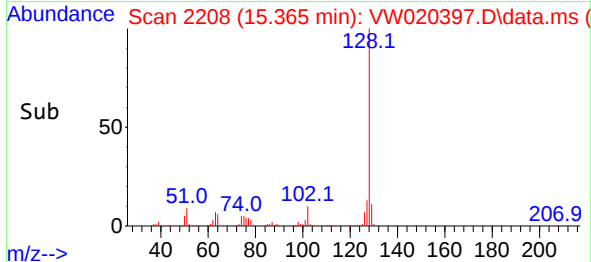
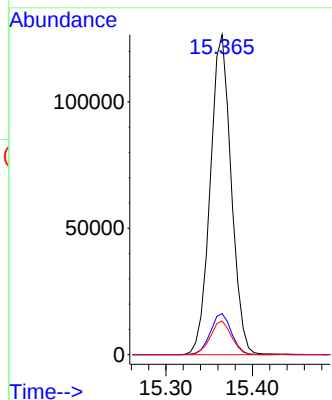


#71
Naphthalene
Concen: 33.688 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD025569



Tgt Ion:128 Resp: 212903
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 27.316 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020397.D
Acq: 08 Oct 2021 06:37

Tgt Ion:180 Resp: 86568
Ion Ratio Lower Upper
180 100
182 95.6 74.8 112.2
145 33.7 26.2 39.4

