

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100721\
 Data File : VY006321.D
 Acq On : 07 Oct 2021 09:41
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025889

Quant Time: Oct 08 00:51:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 02:02:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	208707	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	196146	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	105439	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	86444	23.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.320%
7) Chloroethane-d5	2.772	69	66203	24.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.640%
11) 1,1-Dichloroethene-d2	3.863	63	139688	23.551	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.200%
21) 2-Butanone-d5	6.893	46	55834	57.730	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.460%
24) Chloroform-d	7.484	84	134846	25.648	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	8.149	65	89349	25.875	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.480%
32) Benzene-d6	8.118	84	278771	25.829	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.320%
36) 1,2-Dichloropropane-d6	9.124	67	80883	25.536	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.160%
41) Toluene-d8	10.185	98	261612	25.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	10.441	79	43664	26.497	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.000%
47) 2-Hexanone-d5	10.789	63	40828	58.283	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.560%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	67911	27.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.840%
66) 1,2-Dichlorobenzene-d4	13.727	152	95388	26.226	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	91909	23.555	ug/L	100
3) Chloromethane	2.119	50	88346	23.144	ug/L	98
5) Vinyl chloride	2.260	62	106076	23.753	ug/L	99
6) Bromomethane	2.662	94	54251	26.783	ug/L	99
8) Chloroethane	2.802	64	59302	23.466	ug/L	99
9) Trichlorofluoromethane	3.137	101	133870	24.261	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	66137	23.732	ug/L	93
12) 1,1-Dichloroethene	3.881	96	64790	24.088	ug/L	94
13) Acetone	3.954	43	62031	56.138	ug/L	97
14) Carbon disulfide	4.204	76	225150	23.129	ug/L	99
15) Methyl Acetate	4.485	43	42788	24.800	ug/L	99
16) Methylene chloride	4.723	84	74510	20.246	ug/L	93
17) trans-1,2-Dichloroethene	5.229	96	69895	24.737	ug/L	99
18) Methyl tert-butyl Ether	5.229	73	189531	25.644	ug/L	96
19) 1,1-Dichloroethane	6.027	63	124980	24.404	ug/L	100
20) cis-1,2-Dichloroethene	6.990	96	75384	25.453	ug/L	97
22) 2-Butanone	6.990	43	69017	56.115	ug/L	97
23) Bromochloromethane	7.338	128	34645	25.728	ug/L	84
25) Chloroform	7.515	83	138185	24.638	ug/L	98

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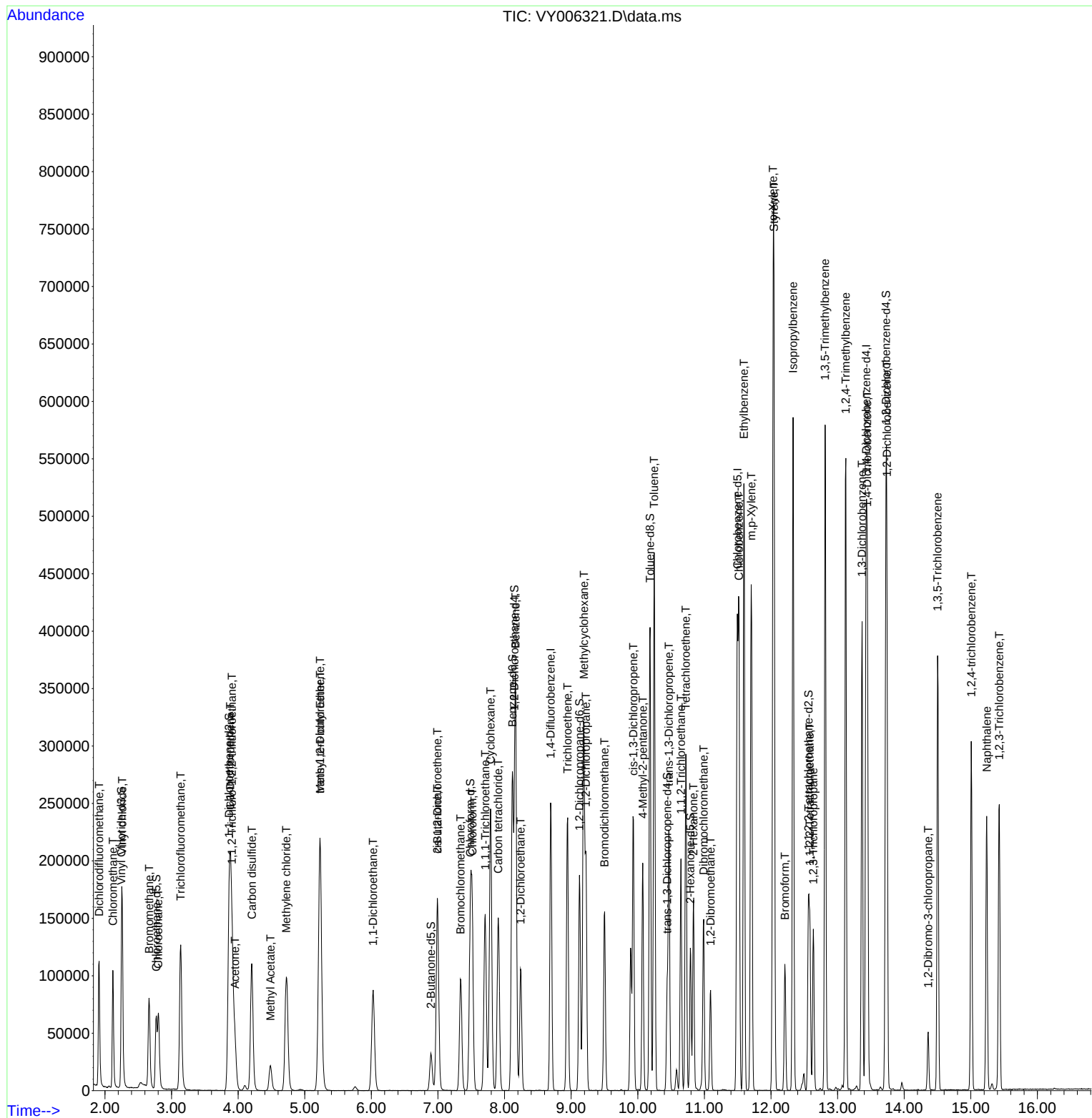
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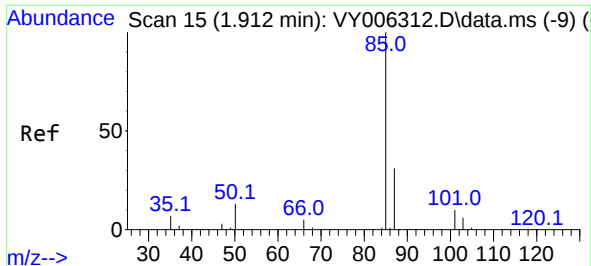
Quant Time: Oct 08 00:51:03 2021
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 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 02:02:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	100791	25.279	ug/L	98
29) Cyclohexane	7.789	56	121866	24.149	ug/L	94
30) 1,1,1-Trichloroethane	7.710	97	127524	25.607	ug/L	98
31) Carbon tetrachloride	7.905	117	114250	25.350	ug/L	99
33) Benzene	8.167	78	299678	25.020	ug/L	100
34) Trichloroethene	8.947	95	77497	25.469	ug/L	98
35) Methylcyclohexane	9.191	83	128461	24.172	ug/L	100
37) 1,2-Dichloropropane	9.222	63	70866	24.726	ug/L	98
38) Bromodichloromethane	9.502	83	98765	25.111	ug/L	99
39) cis-1,3-Dichloropropene	9.935	75	118525	26.021	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	124673	54.234	ug/L	97
42) Toluene	10.246	91	329684	25.457	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	111542	25.937	ug/L	98
45) 1,1,2-Trichloroethane	10.648	97	56510	26.694	ug/L	96
46) Tetrachloroethene	10.721	164	63425	25.253	ug/L	93
48) 2-Hexanone	10.837	43	102476	57.131	ug/L	99
49) Dibromochloromethane	10.990	129	71190	26.782	ug/L	100
50) 1,2-Dibromoethane	11.093	107	53788	27.245	ug/L #	98
51) Chlorobenzene	11.520	112	199873	25.483	ug/L	99
52) Ethylbenzene	11.593	91	350886	25.404	ug/L	96
53) m,p-Xylene	11.703	106	135298	25.585	ug/L	97
54) o-Xylene	12.032	106	130286	25.711	ug/L	98
55) Styrene	12.044	104	229172	25.942	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.581	83	59395	25.730	ug/L #	99
59) Bromoform	12.209	173	46678	26.233	ug/L #	97
60) Isopropylbenzene	12.331	105	348116	24.457	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	52692	25.473	ug/L	98
62) 1,3,5-Trimethylbenzene	12.813	105	289356	24.962	ug/L	98
63) 1,2,4-Trimethylbenzene	13.123	105	287753	25.153	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	160304	25.128	ug/L	98
65) 1,4-Dichlorobenzene	13.447	146	158931	24.776	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	145484	25.095	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.361	75	12570	25.220	ug/L	94
69) 1,3,5-Trichlorobenzene	14.501	180	114662	25.415	ug/L	98
70) 1,2,4-trichlorobenzene	15.007	180	93341	25.590	ug/L	98
71) Naphthalene	15.239	128	191030	26.811	ug/L	99
72) 1,2,3-Trichlorobenzene	15.428	180	83277	26.277	ug/L	99

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

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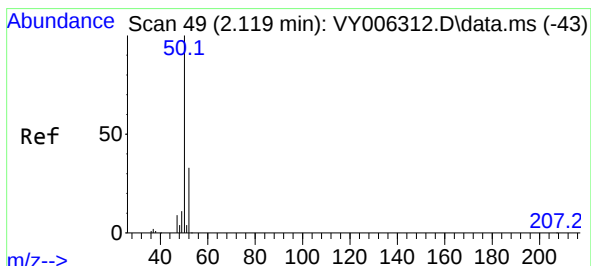
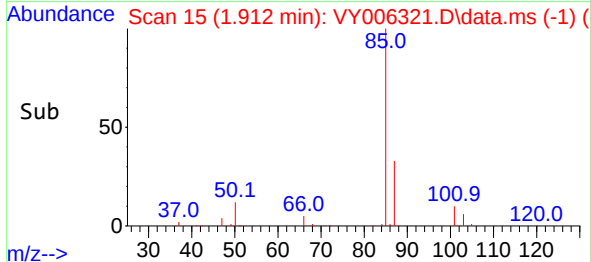
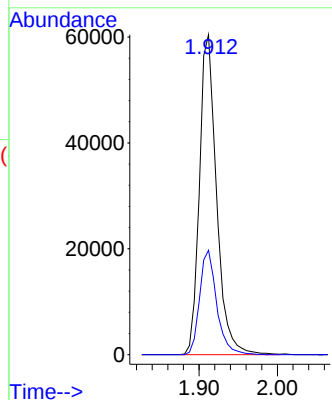
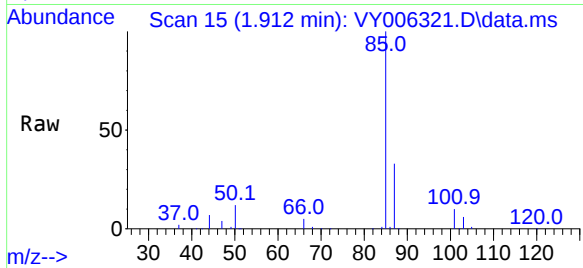




#2
Dichlorodifluoromethane
Concen: 23.555 ug/L
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

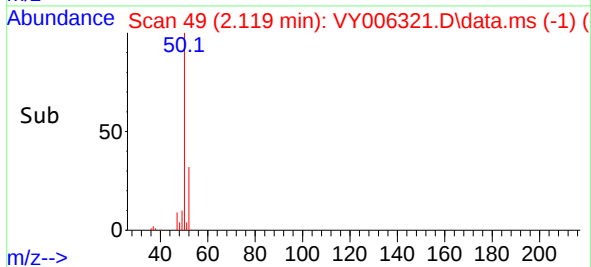
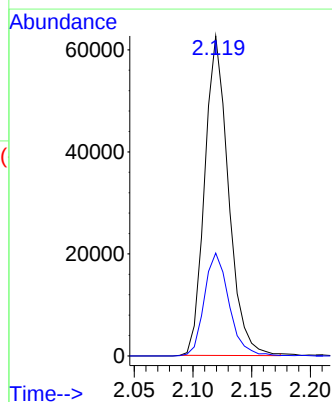
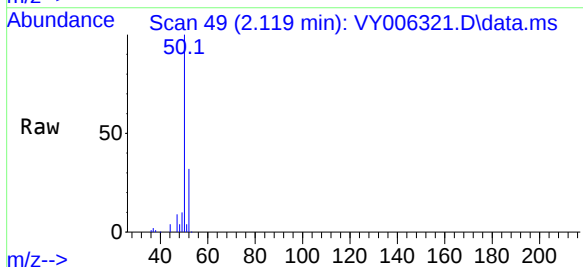
Instrument :
MSVOA_Y
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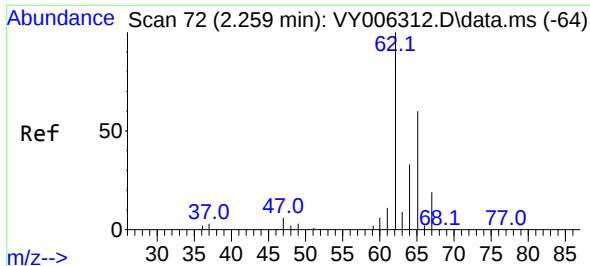
Tgt Ion: 85 Resp: 91909
Ion Ratio Lower Upper
85 100
87 32.5 26.2 39.2



#3
Chloromethane
Concen: 23.144 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 50 Resp: 88346
Ion Ratio Lower Upper
50 100
52 32.1 21.8 40.4

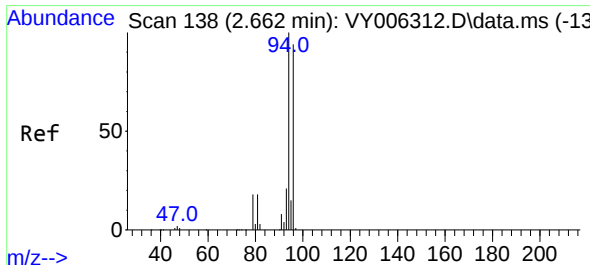
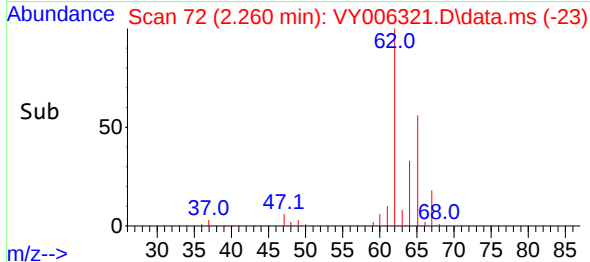
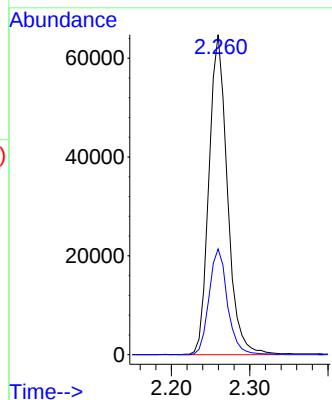
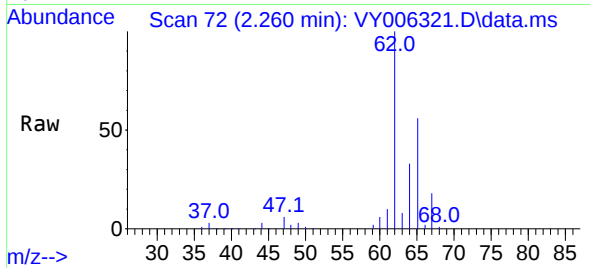




#5
 Vinyl chloride
 Concen: 23.753 ug/L
 RT: 2.260 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VY006321.D
 Acq: 07 Oct 2021 09:41

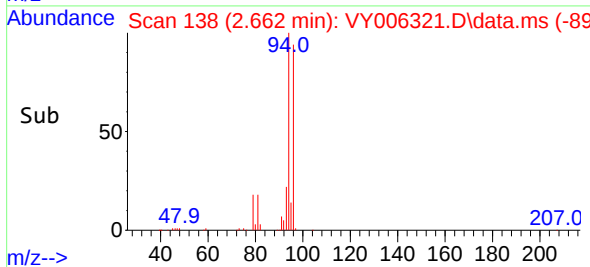
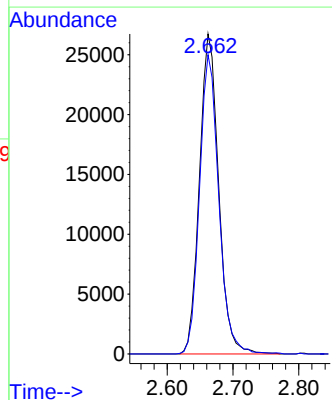
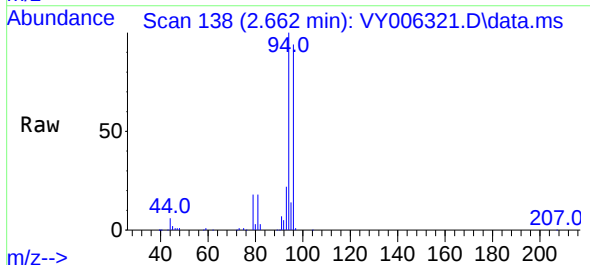
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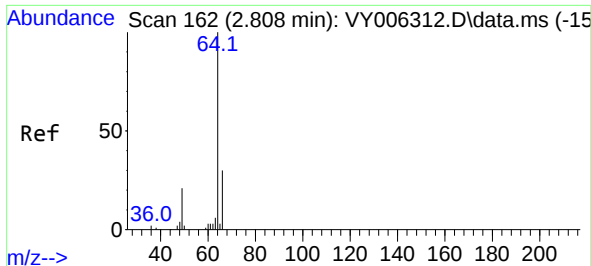
Tgt Ion: 62 Resp: 106076
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.8 42.4



#6
 Bromomethane
 Concen: 26.783 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VY006321.D
 Acq: 07 Oct 2021 09:41

Tgt Ion: 94 Resp: 54251
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.9 122.5

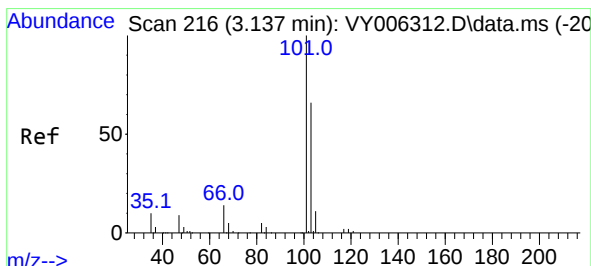
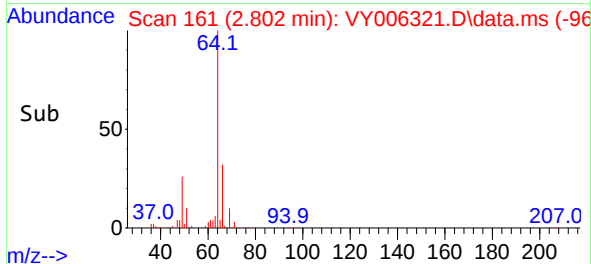
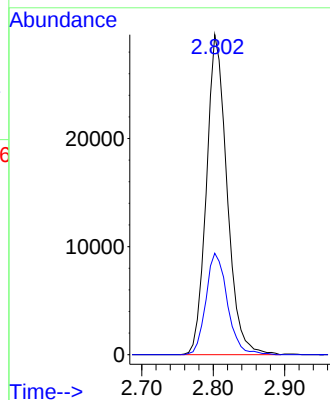
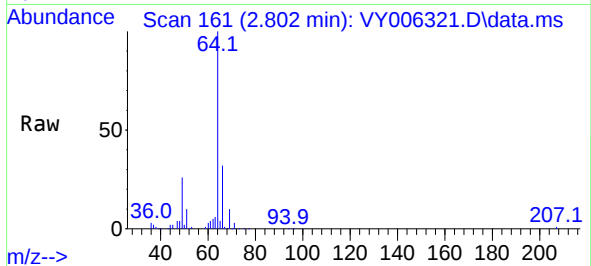




#8
Chloroethane
Concen: 23.466 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

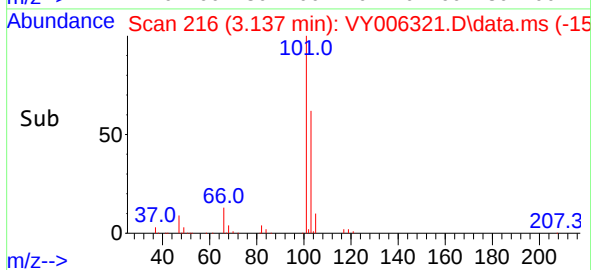
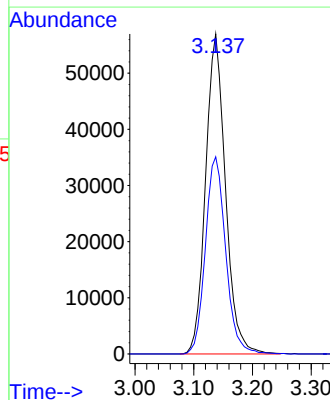
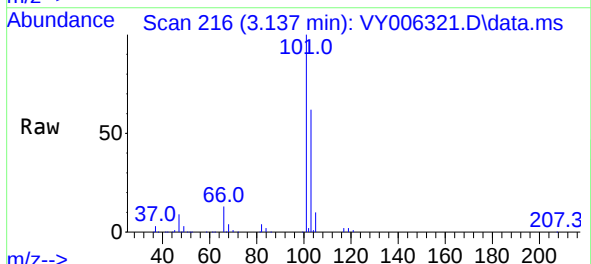
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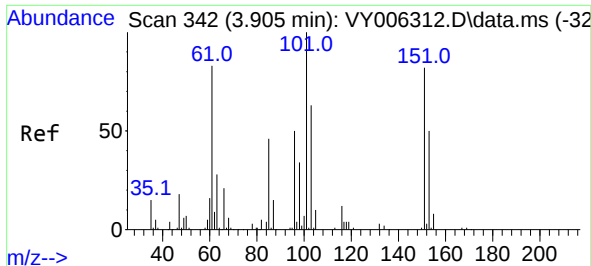
Tgt Ion: 64 Resp: 59302
Ion Ratio Lower Upper
64 100
66 31.7 22.7 42.3



#9
Trichlorofluoromethane
Concen: 24.261 ug/L
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion:101 Resp: 133870
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.2

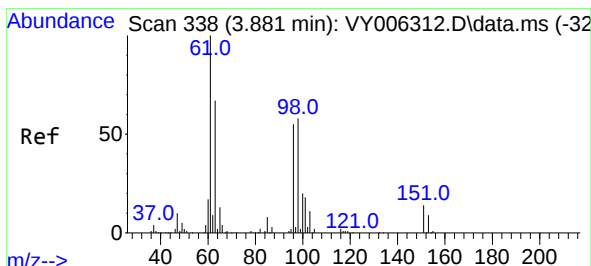
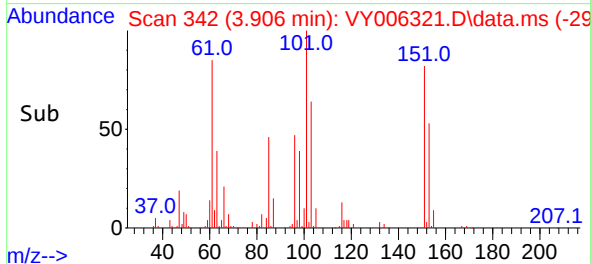
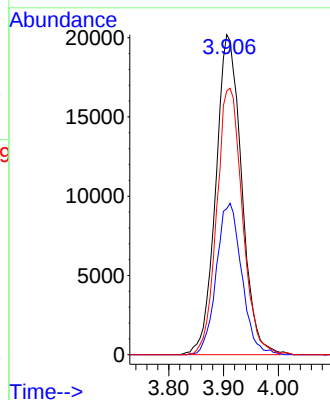
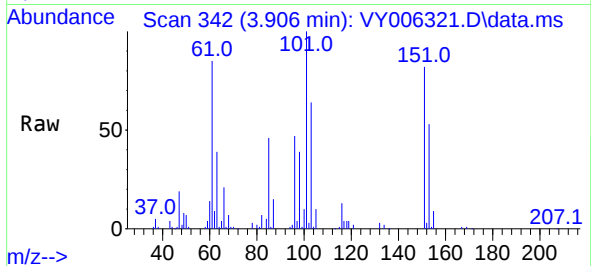




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.732 ug/L
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

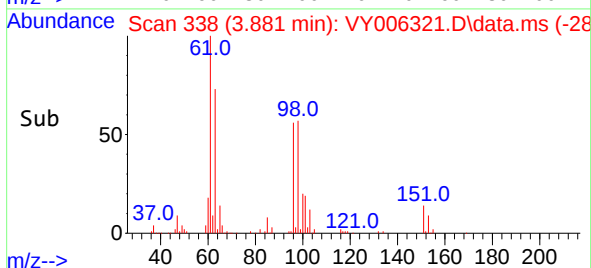
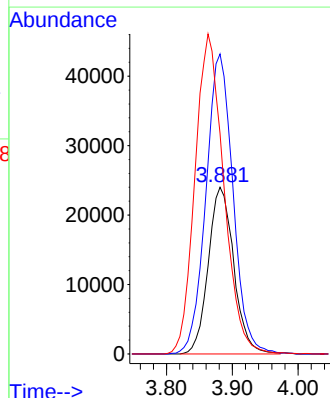
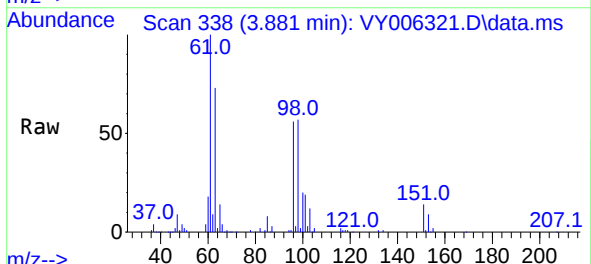
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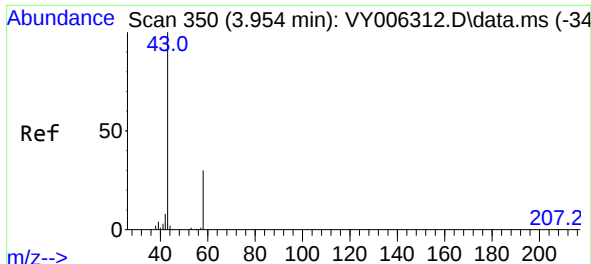
Tgt Ion:	101	Resp:	66137
Ion	Ratio	Lower	Upper
101	100		
85	46.1	36.6	54.8
151	82.7	59.0	88.4



#12
1,1-Dichloroethene
Concen: 24.088 ug/L
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY006321.D
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Tgt Ion:	96	Resp:	64790
Ion	Ratio	Lower	Upper
96	100		
61	179.9	121.2	225.2
63	132.2	86.9	161.3

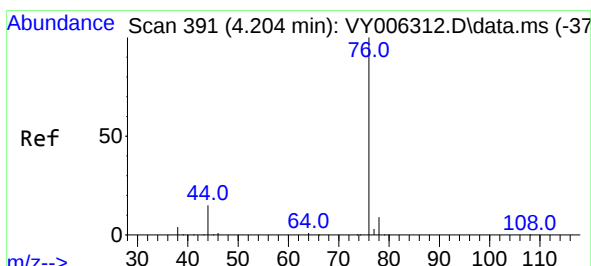
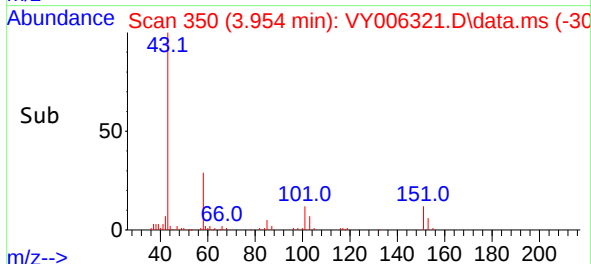
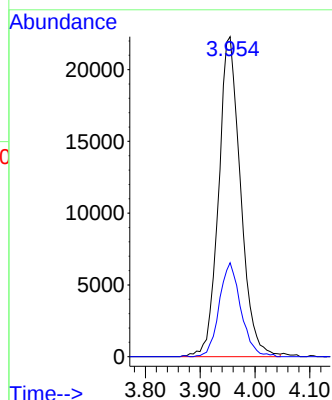
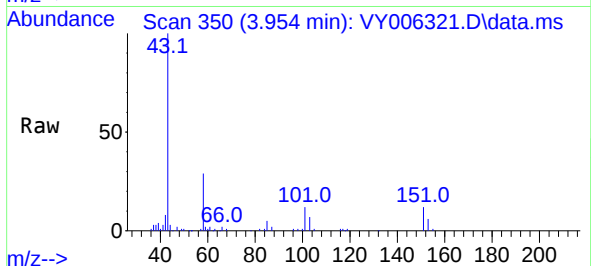




#13
Acetone
Concen: 56.138 ug/L
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

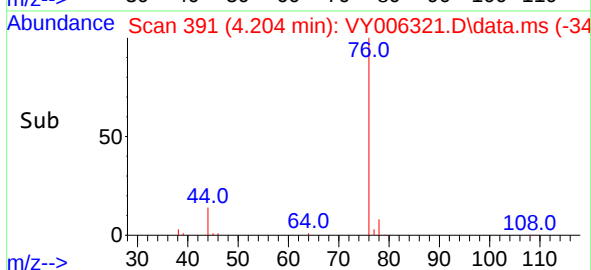
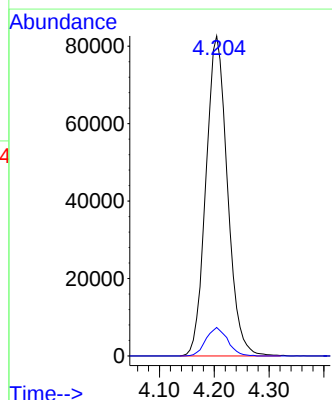
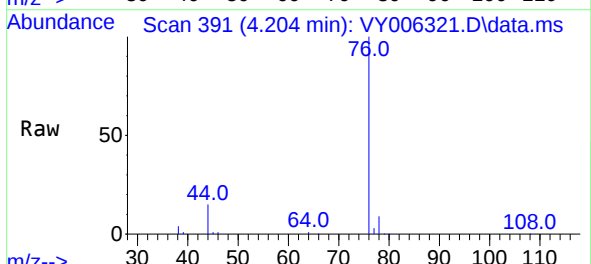
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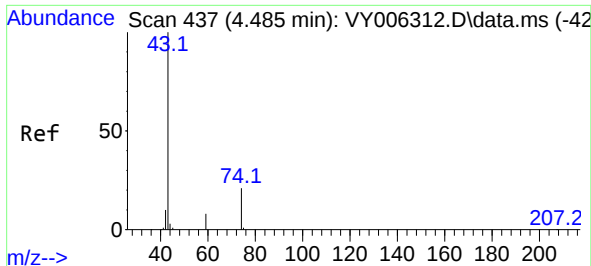
Tgt Ion: 43 Resp: 62031
Ion Ratio Lower Upper
43 100
58 28.7 0.0 61.0



#14
Carbon disulfide
Concen: 23.129 ug/L
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006321.D
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Tgt Ion: 76 Resp: 225150
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

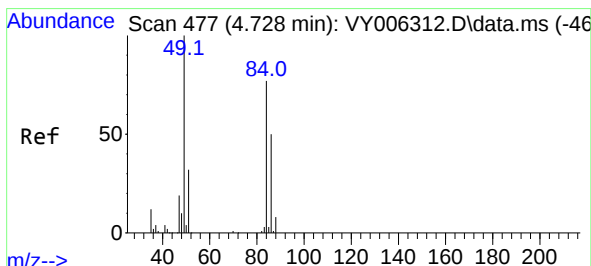
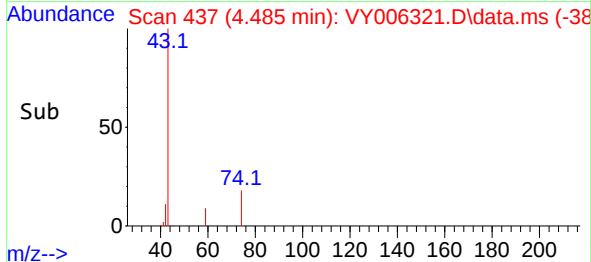
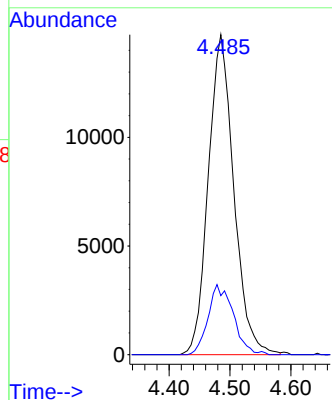
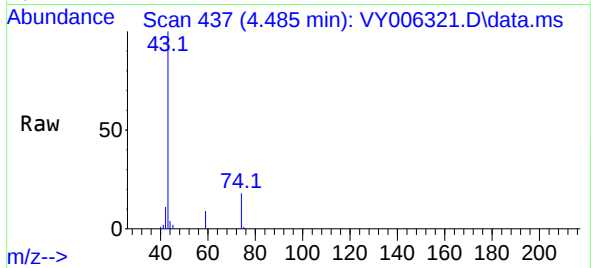




#15
Methyl Acetate
Concen: 24.800 ug/L
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

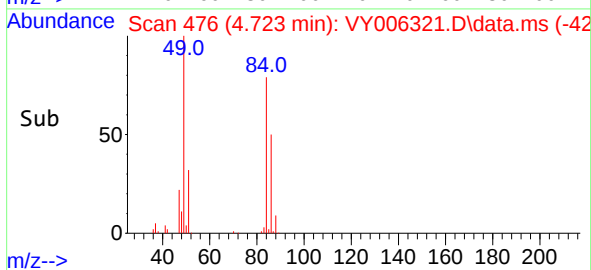
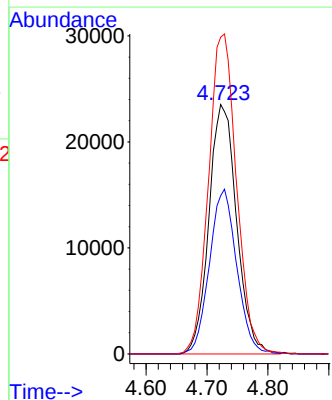
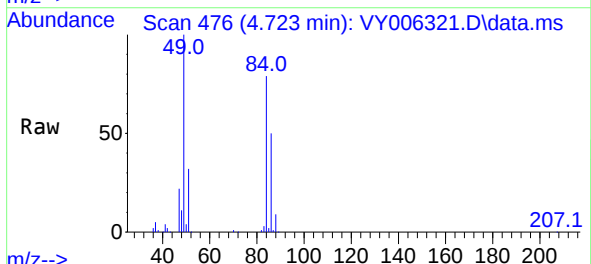
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

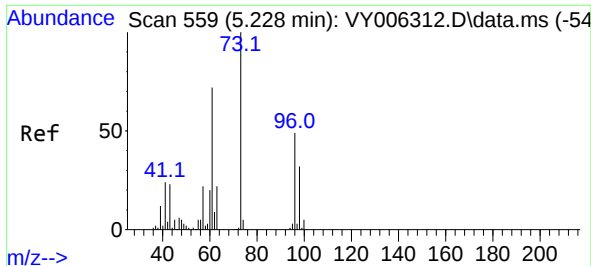
Tgt Ion: 43 Resp: 42788
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1



#16
Methylene chloride
Concen: 20.246 ug/L
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 84 Resp: 74510
Ion Ratio Lower Upper
84 100
86 63.4 43.2 80.2
49 127.0 96.0 178.4

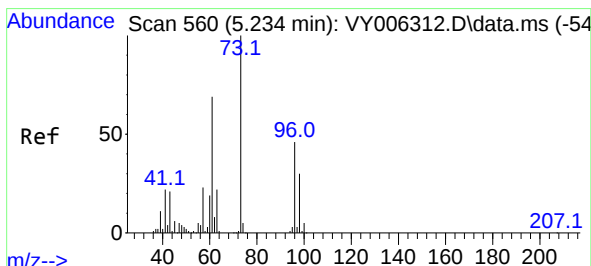
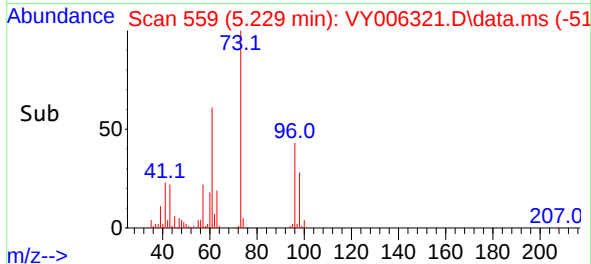
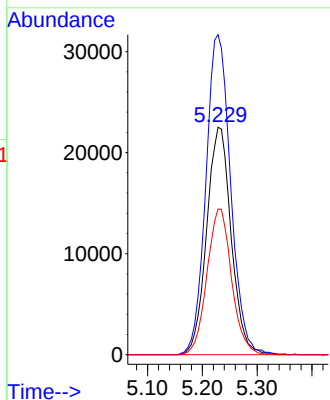
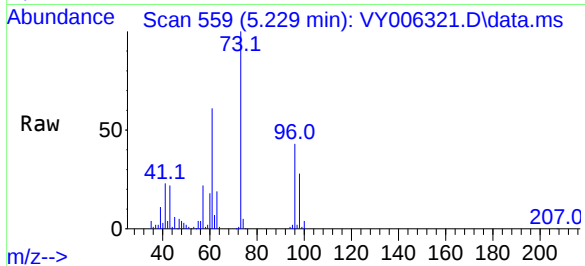




#17
trans-1,2-Dichloroethene
Concen: 24.737 ug/L
RT: 5.229 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

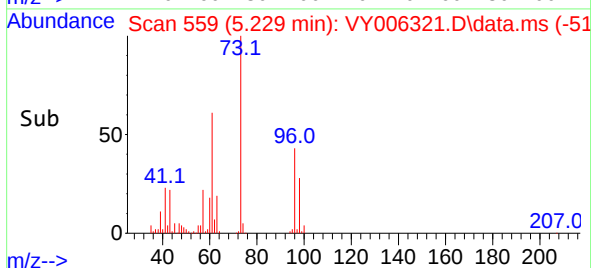
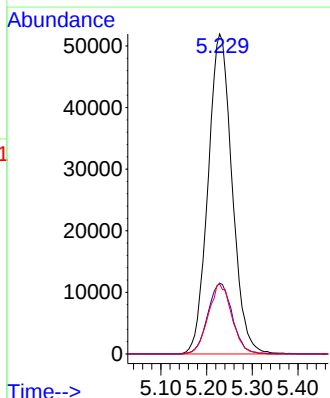
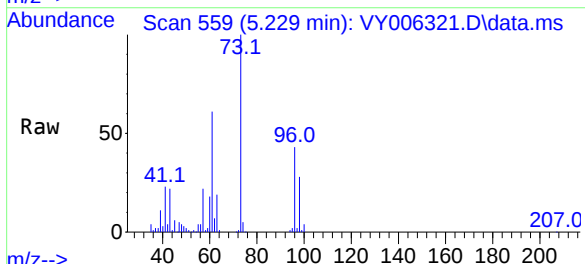
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

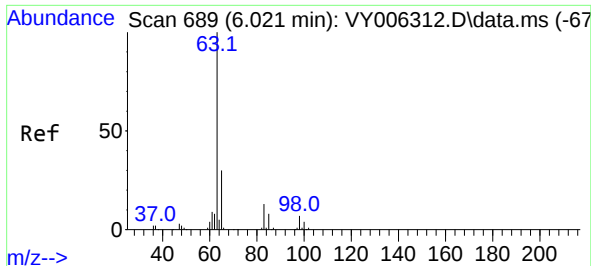
Tgt Ion: 96 Resp: 69895
Ion Ratio Lower Upper
96 100
61 140.6 97.6 181.2
98 64.0 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 25.644 ug/L
RT: 5.229 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 73 Resp: 189531
Ion Ratio Lower Upper
73 100
43 22.5 16.8 25.2
57 21.5 18.7 28.1





#19

1,1-Dichloroethane

Concen: 24.404 ug/L

RT: 6.027 min Scan# 690

Delta R.T. 0.006 min

Lab File: VY006321.D

Acq: 07 Oct 2021 09:41

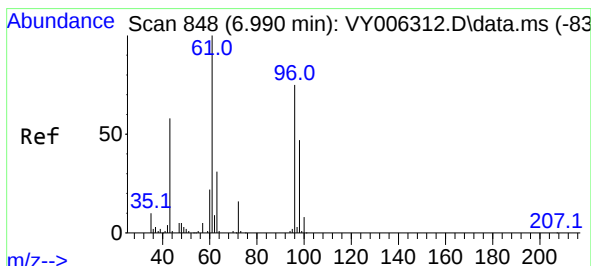
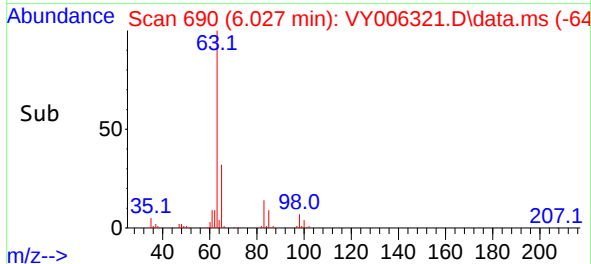
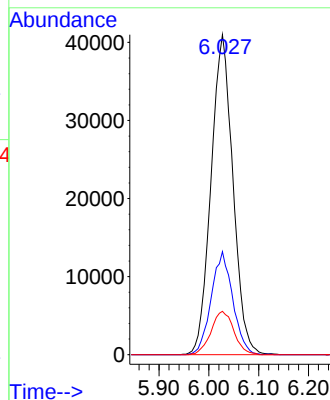
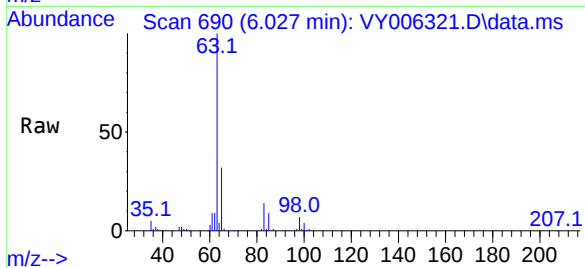
Tgt Ion: 63 Resp: 124980

Ion Ratio Lower Upper

63 100

65 32.2 22.4 41.6

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 25.453 ug/L

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY006321.D

Acq: 07 Oct 2021 09:41

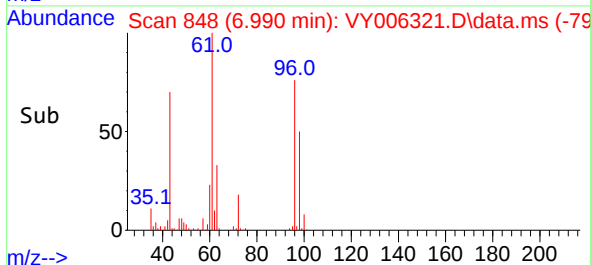
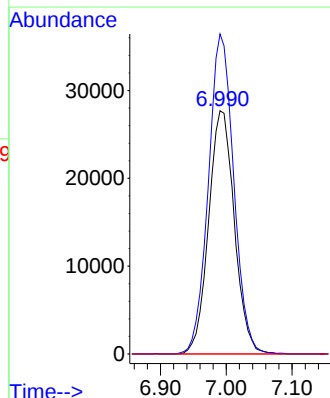
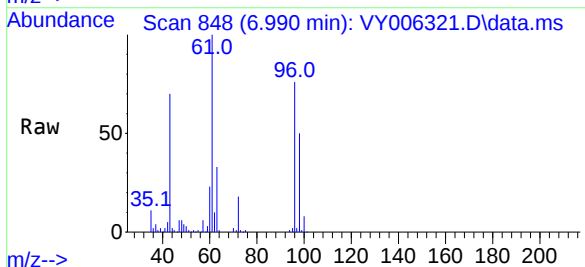
Tgt Ion: 96 Resp: 75384

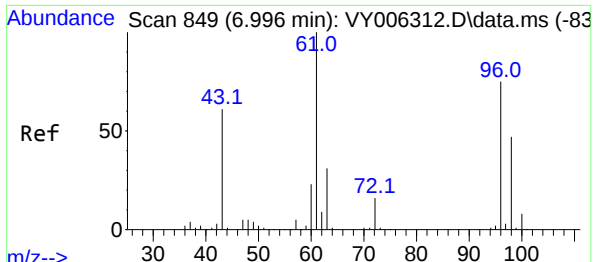
Ion Ratio Lower Upper

96 100

61 131.6 94.8 176.2

68 0.0 0.0 0.0

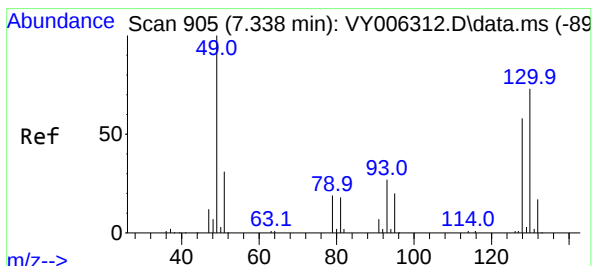
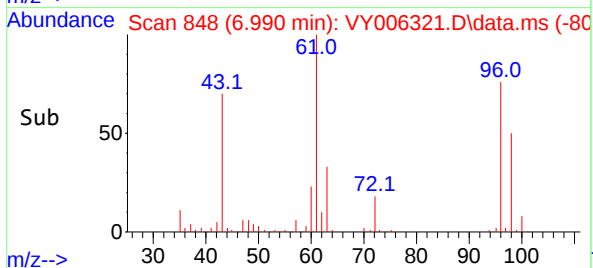
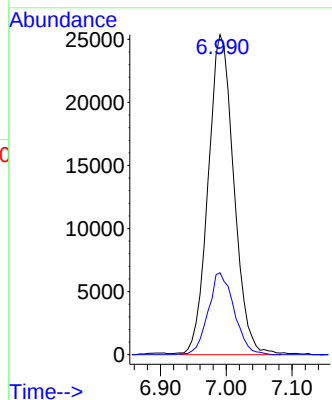
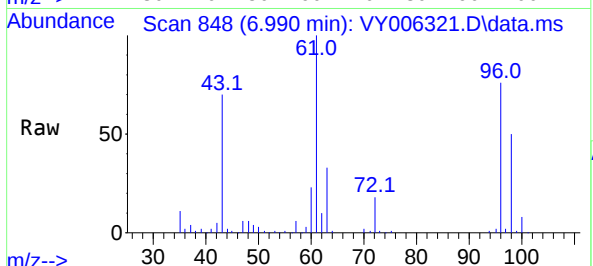




#22
2-Butanone
Concen: 56.115 ug/L
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

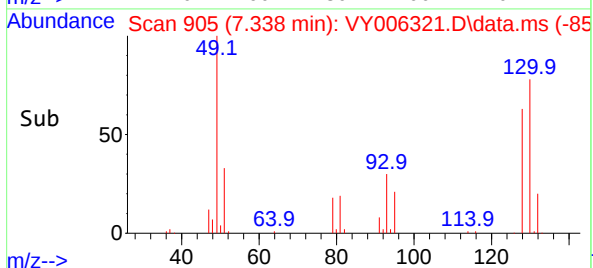
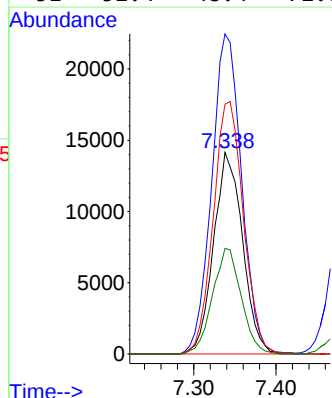
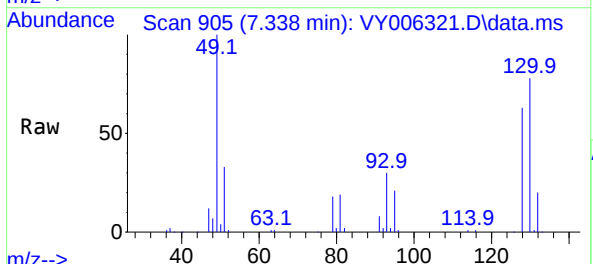
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

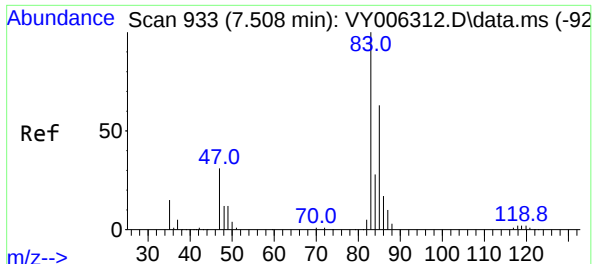
Tgt Ion: 43 Resp: 69017
Ion Ratio Lower Upper
43 100
72 25.8 12.2 36.6



#23
Bromochloromethane
Concen: 25.728 ug/L
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 128 Resp: 34645
Ion Ratio Lower Upper
128 100
49 158.8 138.9 258.1
130 123.9 88.3 164.1
51 52.4 48.4 72.6

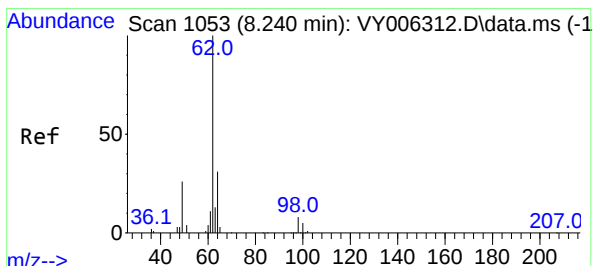
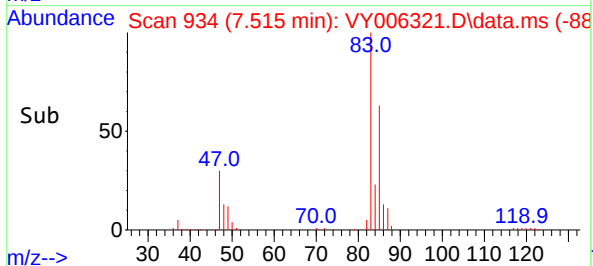
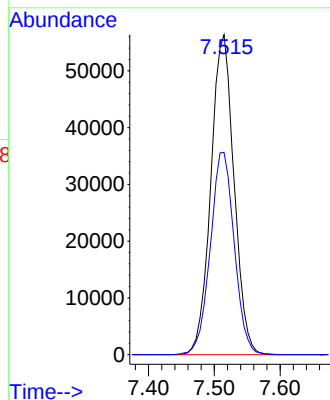
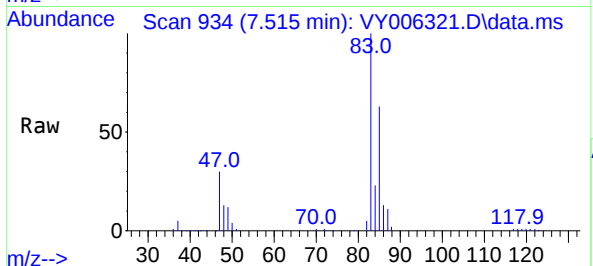




#25
Chloroform
Concen: 24.638 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.006 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

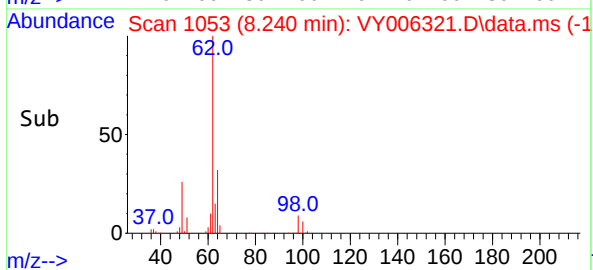
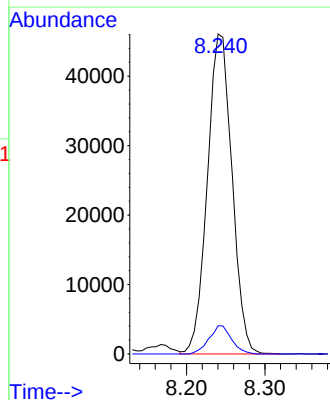
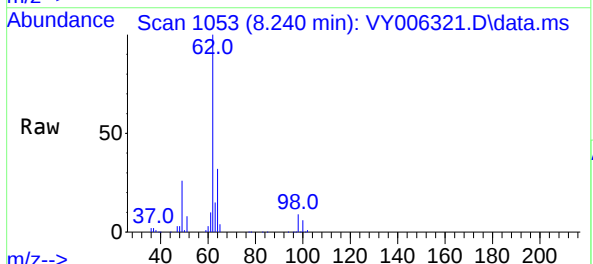
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

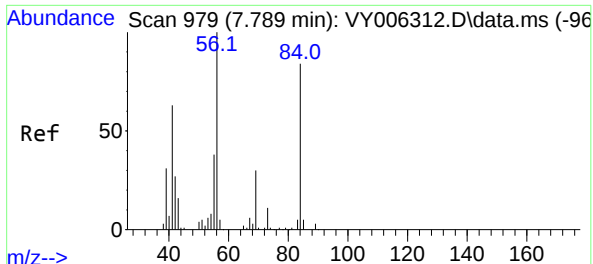
Tgt Ion: 83 Resp: 138185
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.4



#27
1,2-Dichloroethane
Concen: 25.279 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 62 Resp: 100791
Ion Ratio Lower Upper
62 100
98 8.8 7.5 11.3





#29

Cyclohexane

Concen: 24.149 ug/L

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

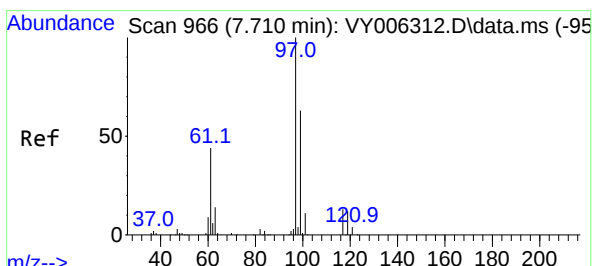
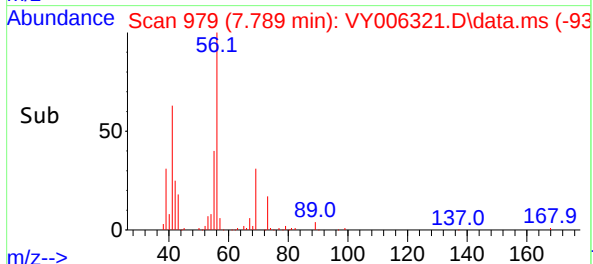
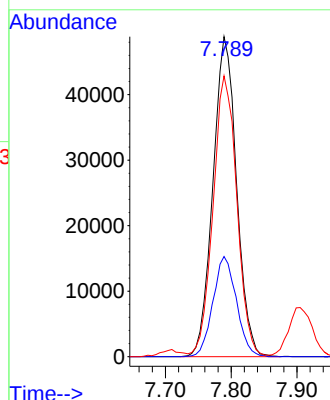
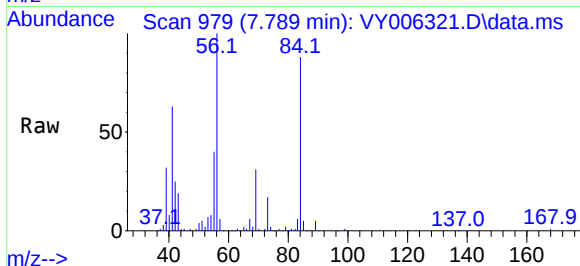
Lab File: VY006321.D

Acq: 07 Oct 2021 09:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

Tgt Ion: 56 Resp: 121866

Ion	Ratio	Lower	Upper
56	100		
69	31.2	22.6	33.8
84	88.6	66.1	99.1



#30

1,1,1-Trichloroethane

Concen: 25.607 ug/L

RT: 7.710 min Scan# 966

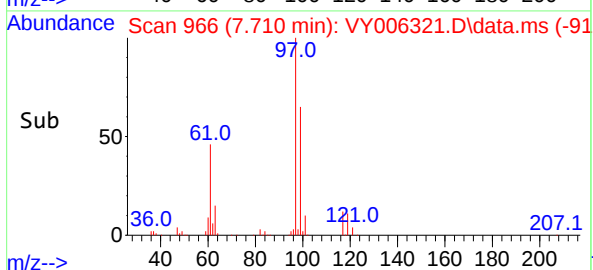
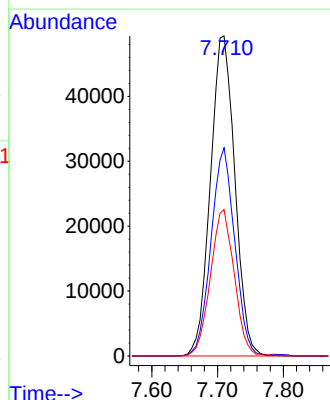
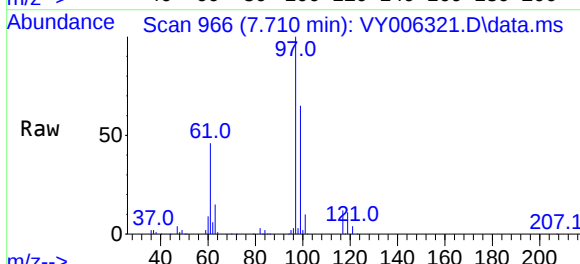
Delta R.T. 0.000 min

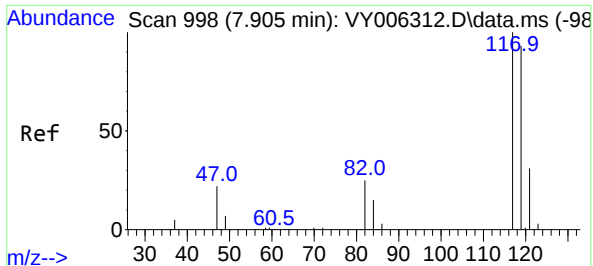
Lab File: VY006321.D

Acq: 07 Oct 2021 09:41

Tgt Ion: 97 Resp: 127524

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.8	77.6
61	44.7	37.3	55.9

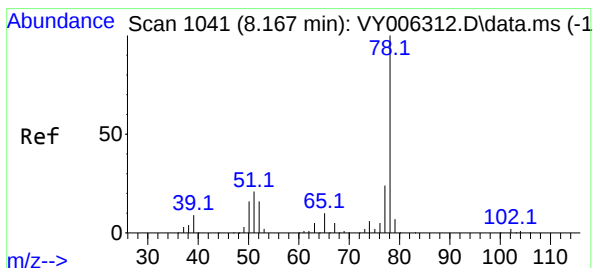
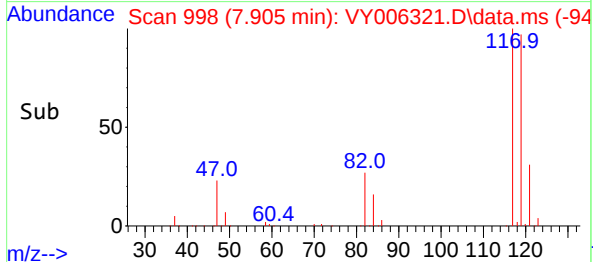
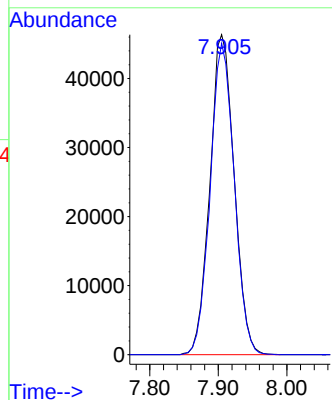
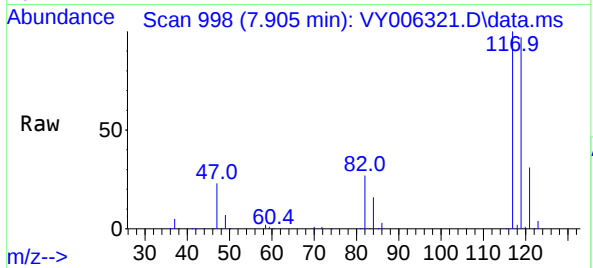




#31
Carbon tetrachloride
Concen: 25.350 ug/L
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

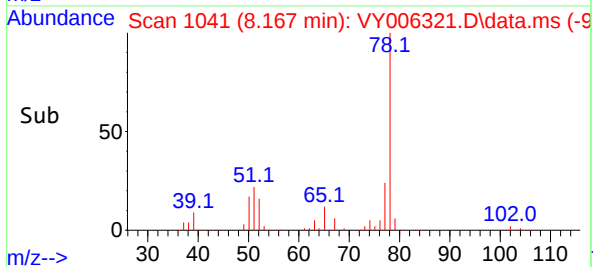
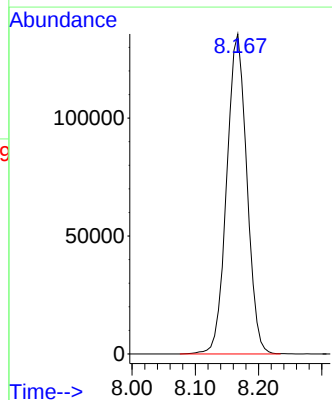
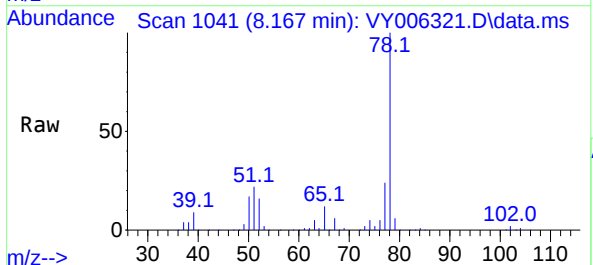
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

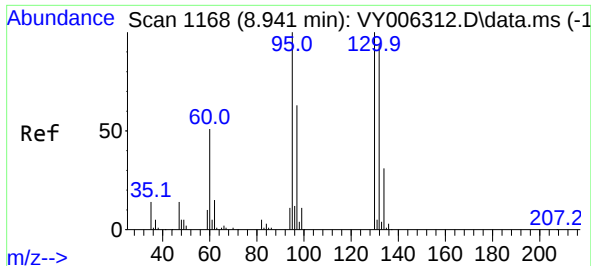
Tgt Ion:117 Resp: 114250
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.2



#33
Benzene
Concen: 25.020 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 78 Resp: 299678



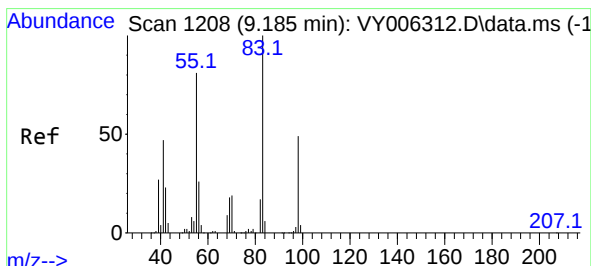
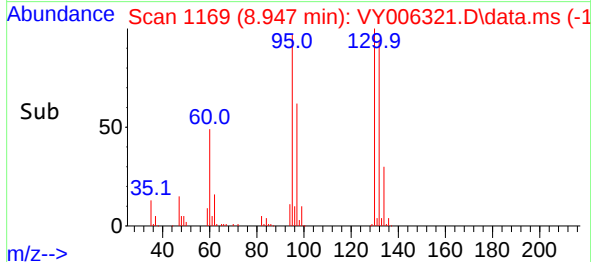
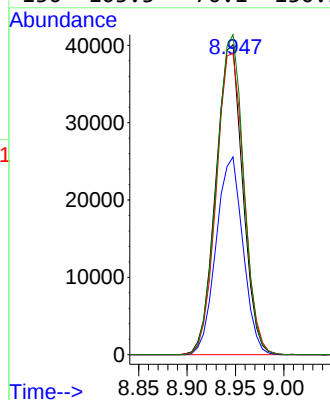
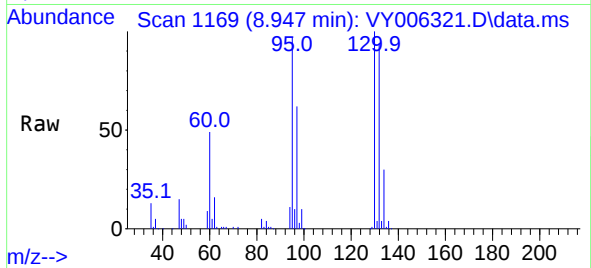


#34
Trichloroethene
Concen: 25.469 ug/L
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

Tgt Ion: 95 Resp: 77497

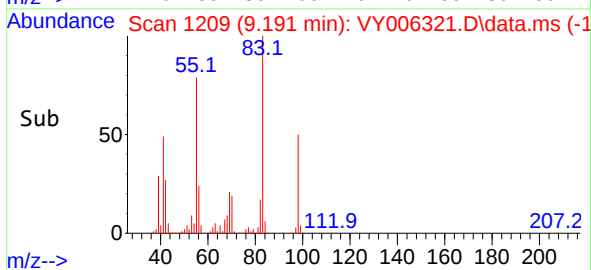
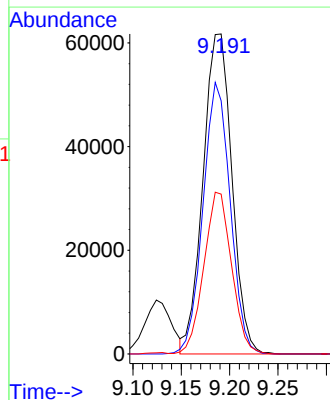
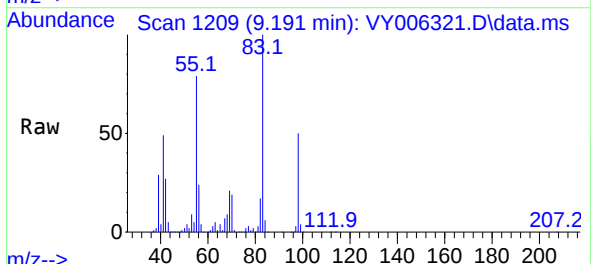
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.2	82.2
132	97.3	66.8	124.0
130	103.3	70.1	130.1

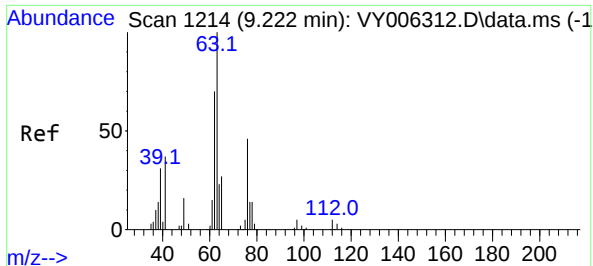


#35
Methylcyclohexane
Concen: 24.172 ug/L
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 83 Resp: 128461

Ion	Ratio	Lower	Upper
83	100		
55	79.8	63.9	95.9
98	48.4	38.7	58.1

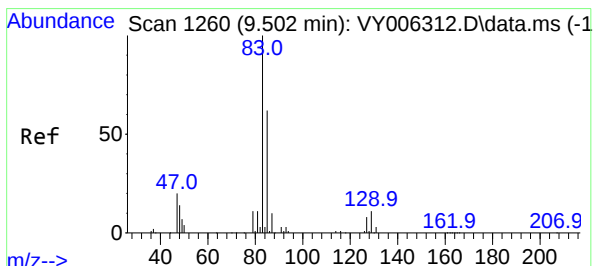
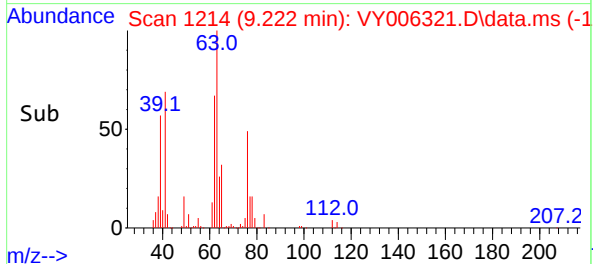
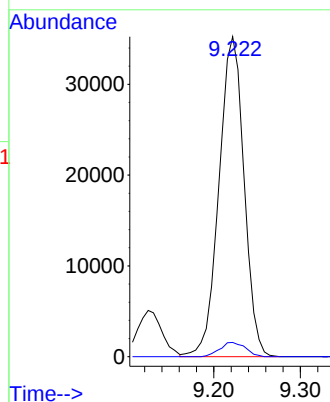
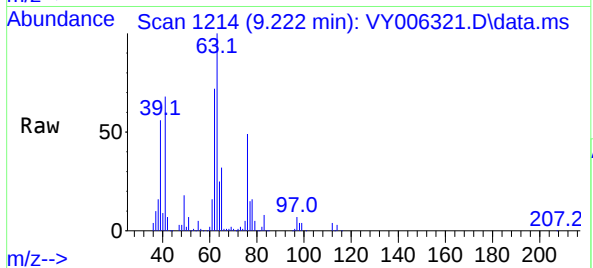




#37
1,2-Dichloropropane
Concen: 24.726 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

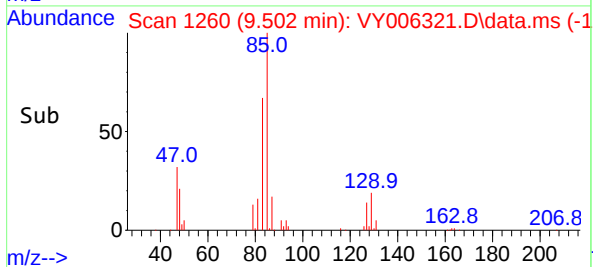
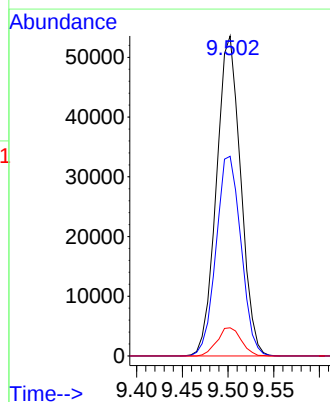
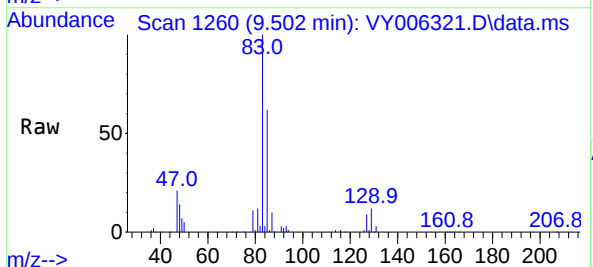
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

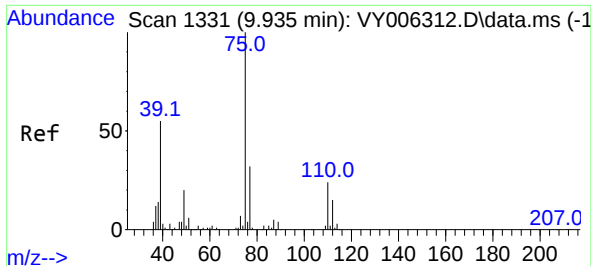
Tgt Ion: 63 Resp: 70866
Ion Ratio Lower Upper
63 100
112 4.6 3.1 4.7



#38
Bromodichloromethane
Concen: 25.111 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 83 Resp: 98765
Ion Ratio Lower Upper
83 100
85 62.4 44.1 81.9
127 8.8 6.9 10.3

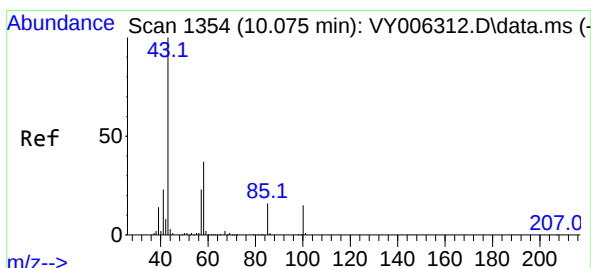
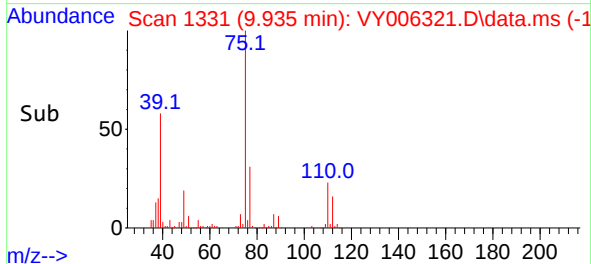
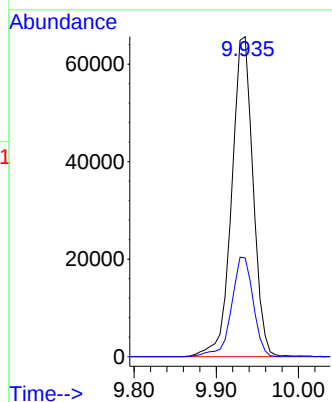
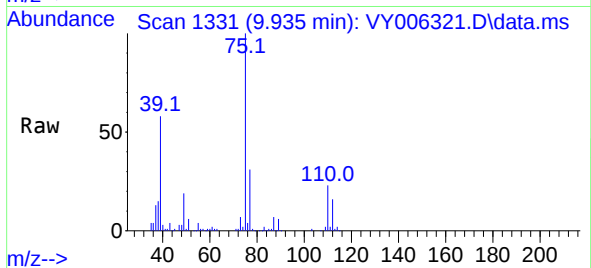




#39
cis-1,3-Dichloropropene
Concen: 26.021 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

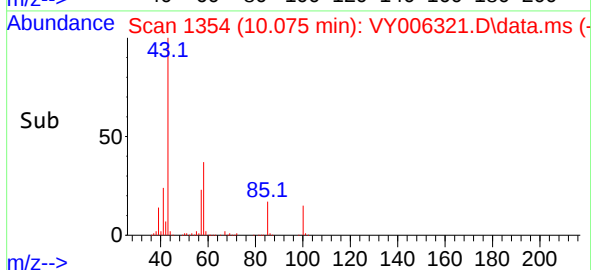
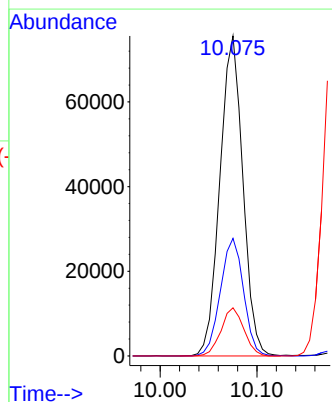
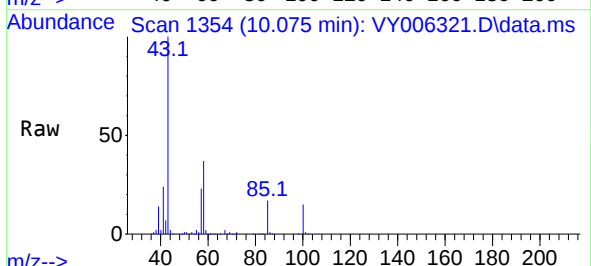
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

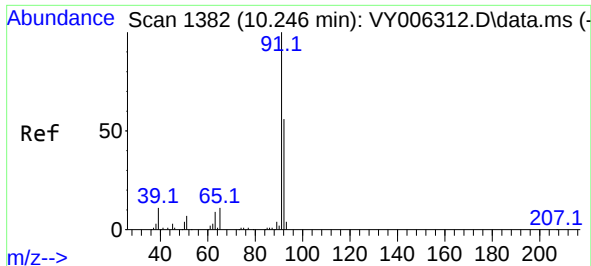
Tgt Ion: 75 Resp: 118525
Ion Ratio Lower Upper
75 100
77 30.9 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 54.234 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 43 Resp: 124673
Ion Ratio Lower Upper
43 100
58 37.0 28.5 42.7
100 14.9 10.4 15.6

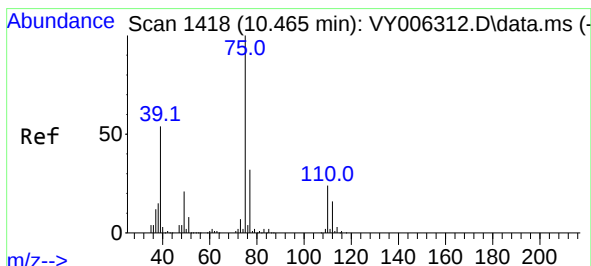
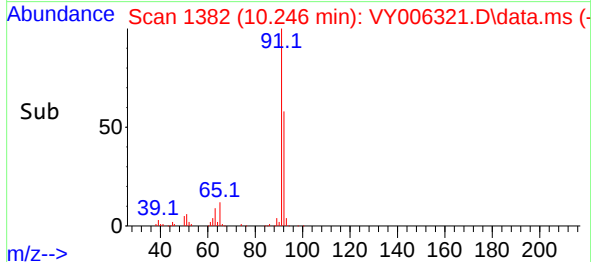
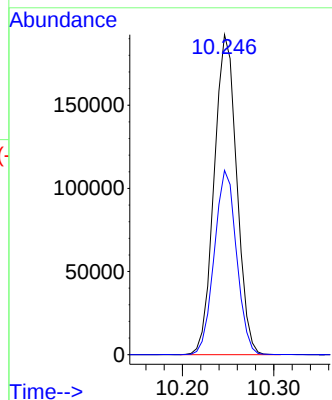
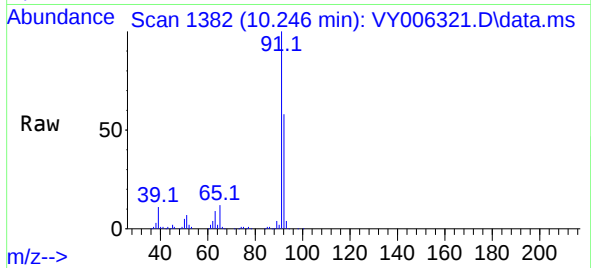




#42
Toluene
Concen: 25.457 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

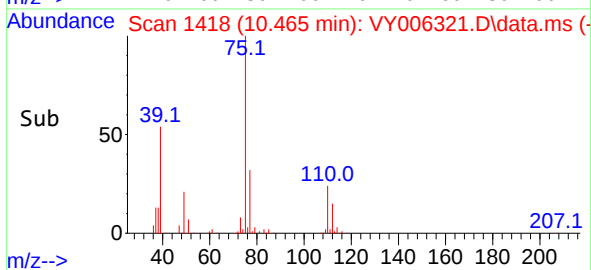
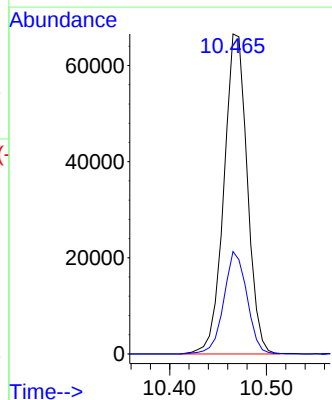
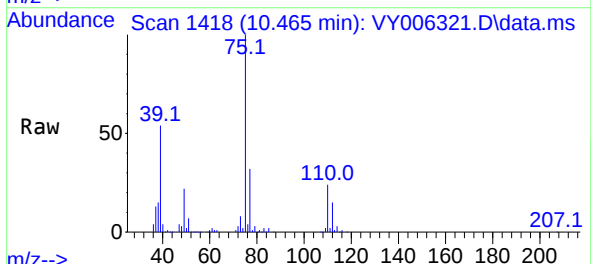
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

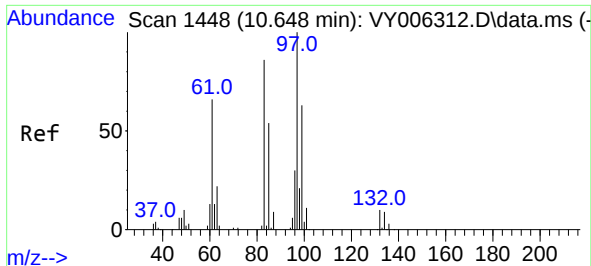
Tgt Ion: 91 Resp: 329684
Ion Ratio Lower Upper
91 100
92 57.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 25.937 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 75 Resp: 111542
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.4



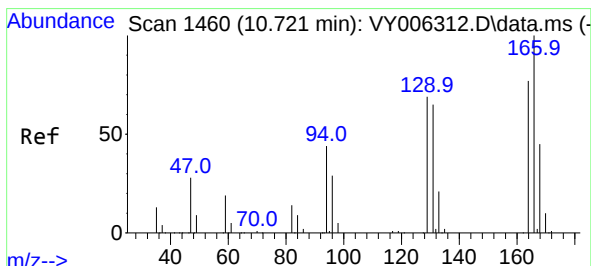
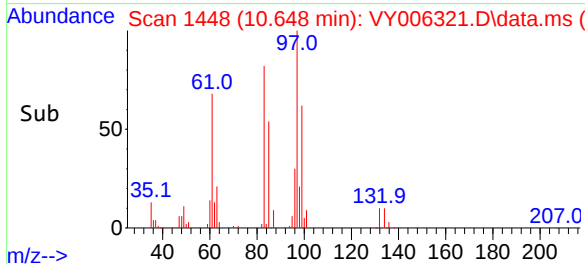
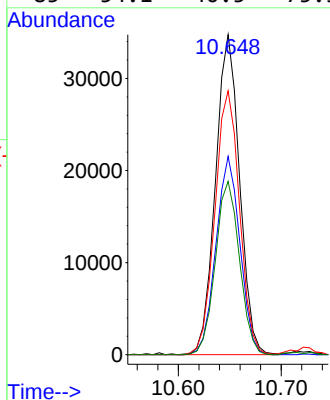
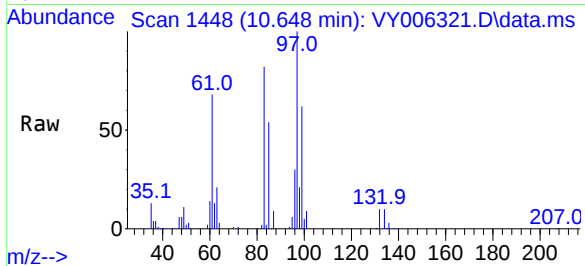


#45
1,1,2-Trichloroethane
Concen: 26.694 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

Tgt Ion: 97 Resp: 56510

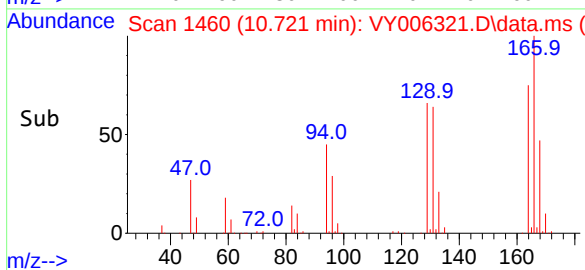
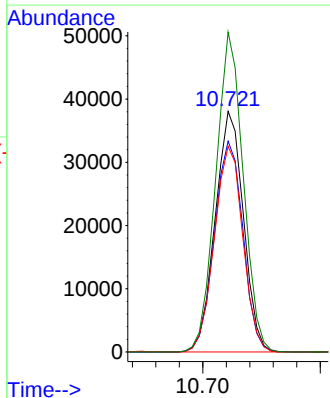
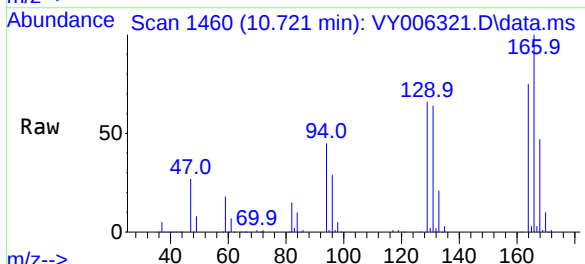
Ion	Ratio	Lower	Upper
97	100		
99	61.9	44.2	82.0
83	82.5	61.1	113.5
85	54.1	40.5	75.3

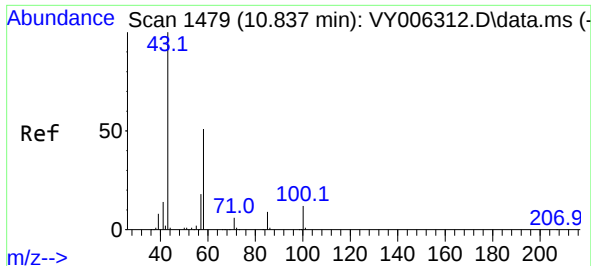


#46
Tetrachloroethene
Concen: 25.253 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 164 Resp: 63425

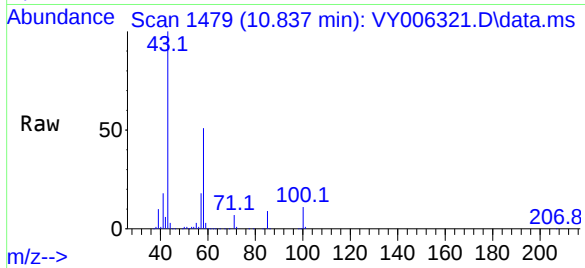
Ion	Ratio	Lower	Upper
164	100		
129	87.6	65.9	122.3
131	85.4	61.9	115.1
166	133.0	85.3	158.3



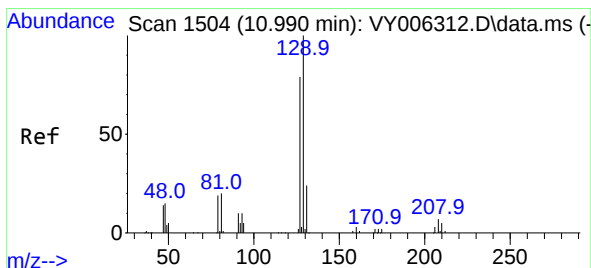
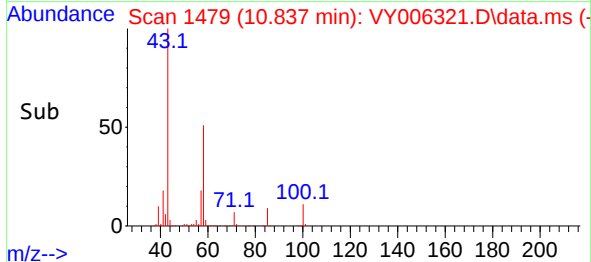
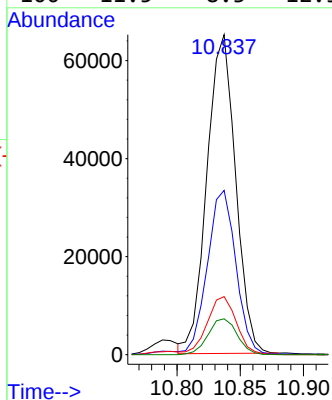


#48
2-Hexanone
Concen: 57.131 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

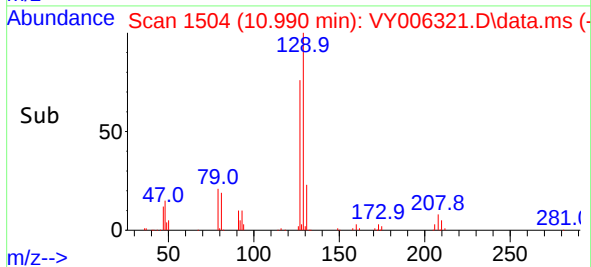
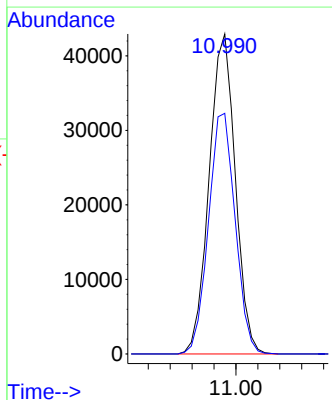
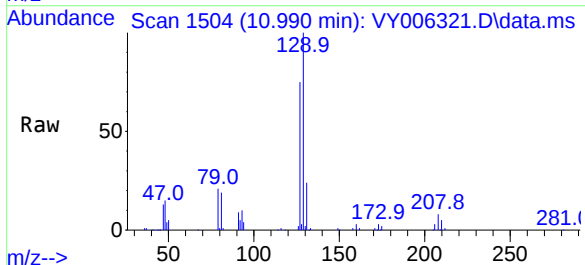


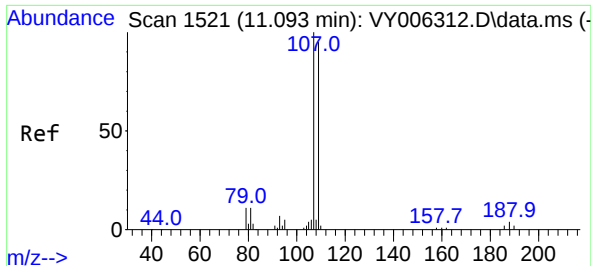
Tgt Ion: 43 Resp: 102476
Ion Ratio Lower Upper
43 100
58 51.6 41.1 61.7
57 18.6 13.8 20.6
100 11.5 8.3 12.5



#49
Dibromochloromethane
Concen: 26.782 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 129 Resp: 71190
Ion Ratio Lower Upper
129 100
127 75.2 52.8 98.0

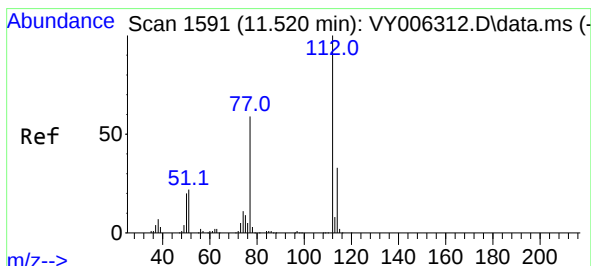
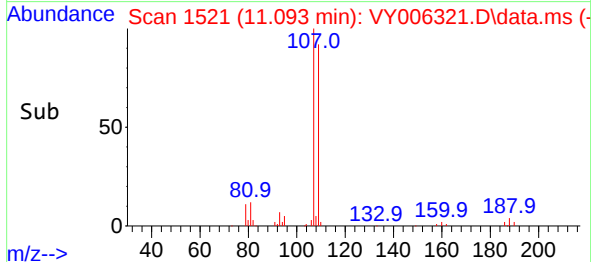
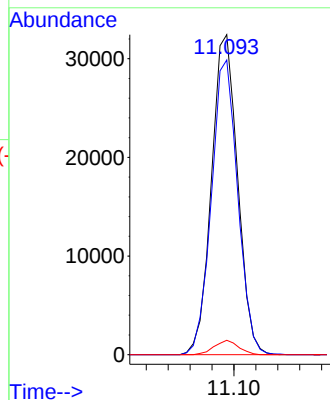
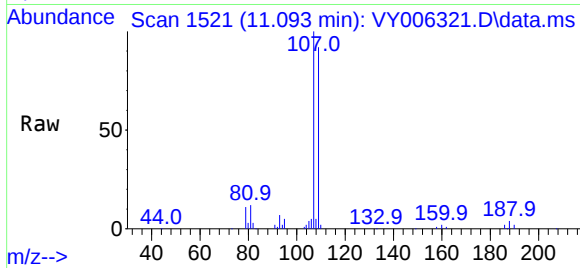




#50
1,2-Dibromoethane
Concen: 27.245 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

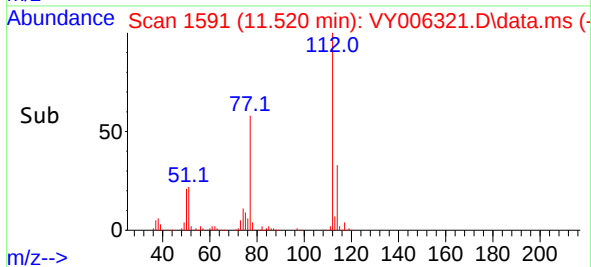
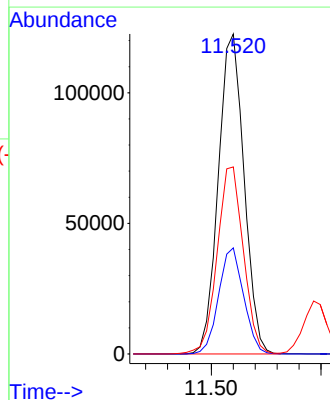
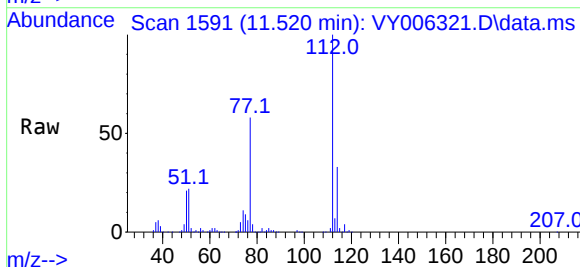
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

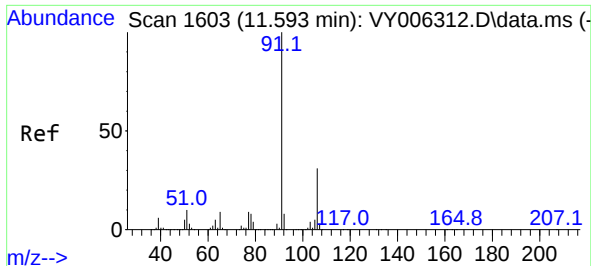
Tgt Ion:	107	Resp:	53788
Ion	Ratio	Lower	Upper
107	100		
109	92.1	65.7	121.9
188	4.5	2.8	4.2#



#51
Chlorobenzene
Concen: 25.483 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion:	112	Resp:	199873
Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.3	41.5
77	58.4	46.5	69.7

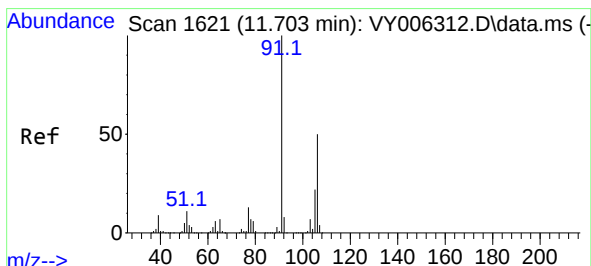
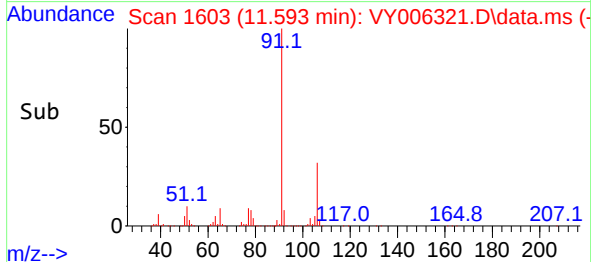
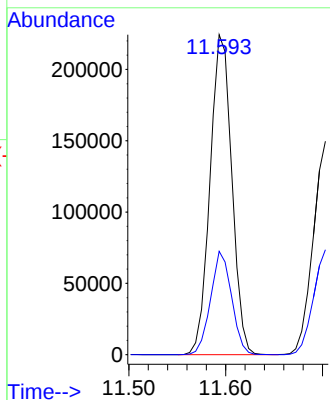
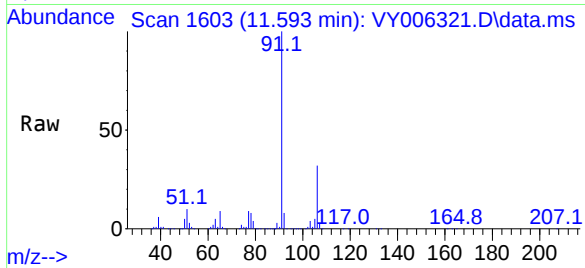




#52
Ethylbenzene
Concen: 25.404 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

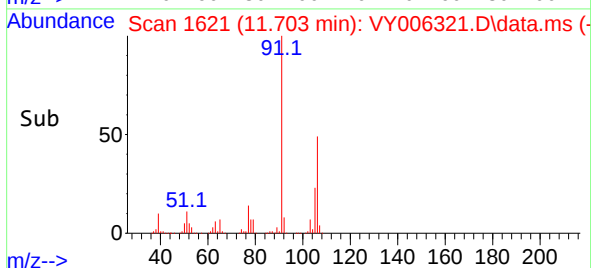
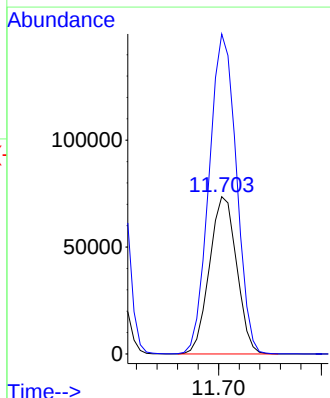
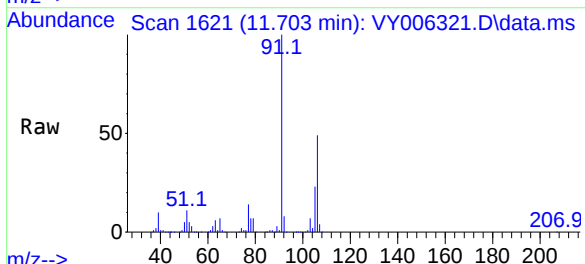
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

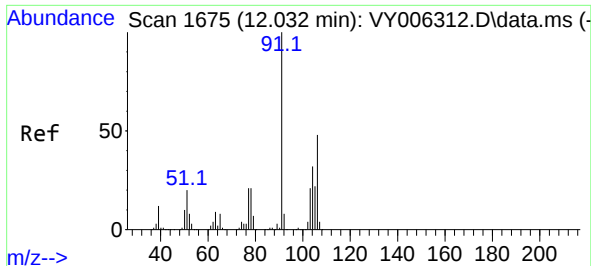
Tgt Ion: 91 Resp: 350886
Ion Ratio Lower Upper
91 100
106 32.3 21.2 39.4



#53
m,p-Xylene
Concen: 25.585 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 106 Resp: 135298
Ion Ratio Lower Upper
106 100
91 203.4 145.7 270.5

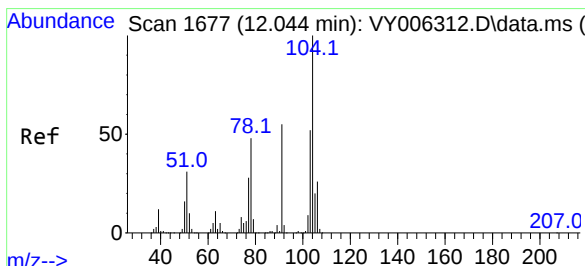
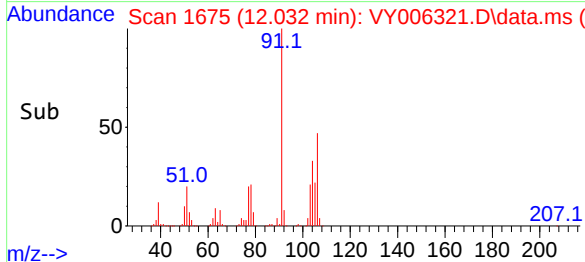
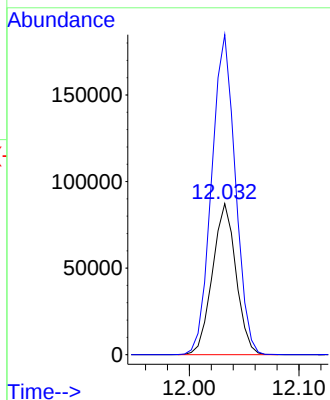
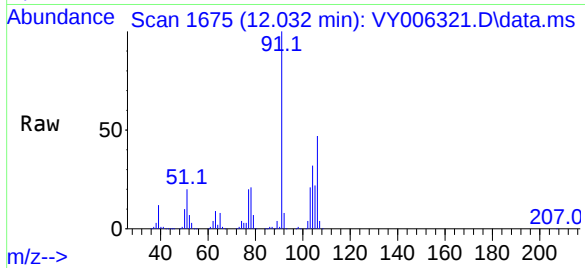




#54
o-Xylene
Concen: 25.711 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

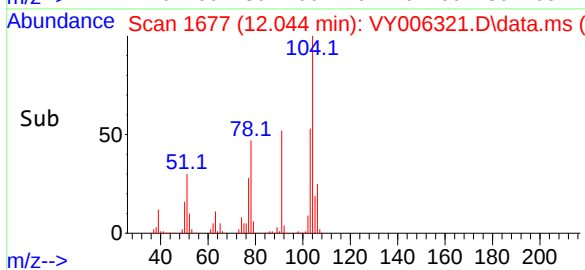
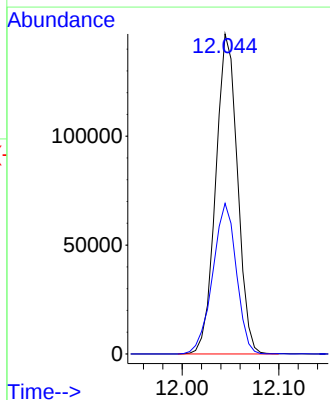
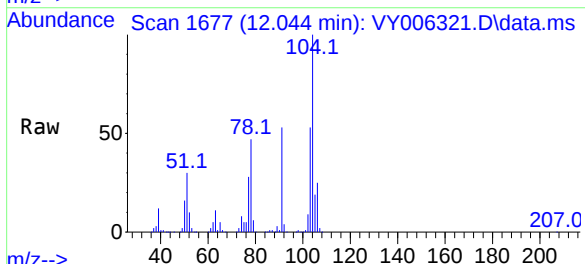
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

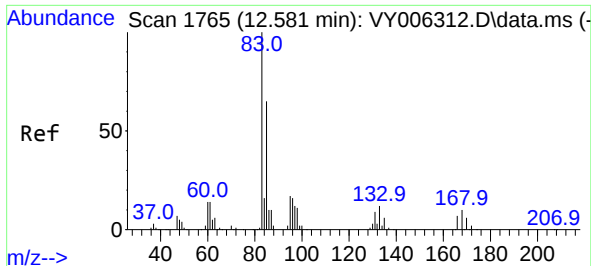
Tgt Ion:106 Resp: 130286
Ion Ratio Lower Upper
106 100
91 211.8 150.6 279.6



#55
Styrene
Concen: 25.942 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion:104 Resp: 229172
Ion Ratio Lower Upper
104 100
78 47.1 31.8 59.0

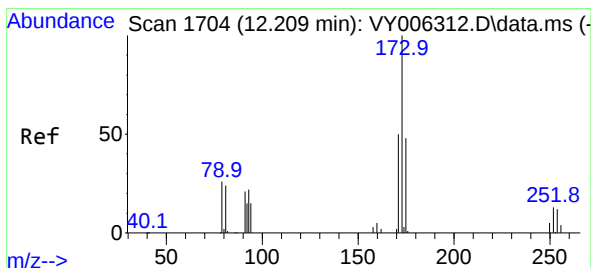
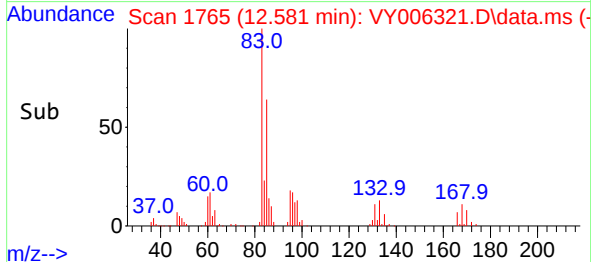
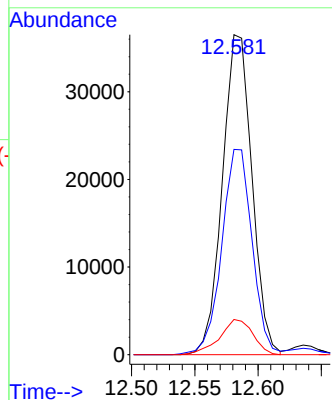
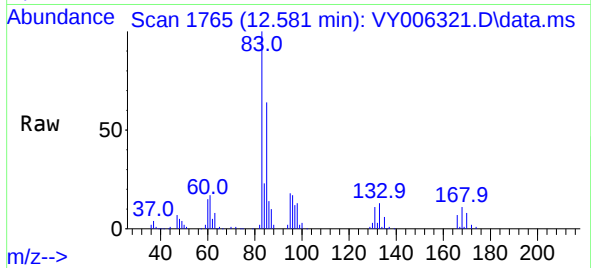




#57
1,1,2,2-Tetrachloroethane
Concen: 25.730 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

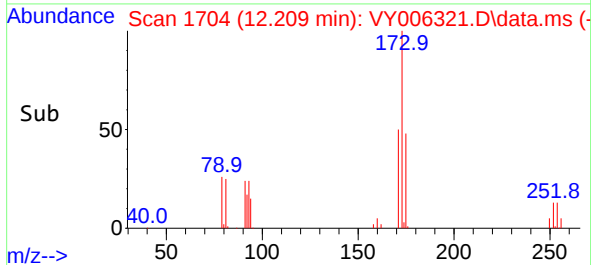
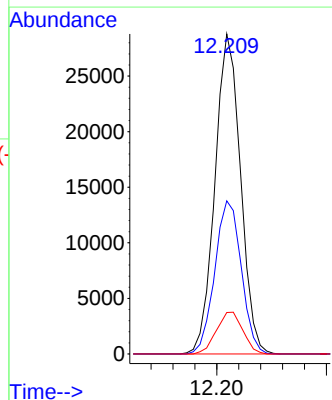
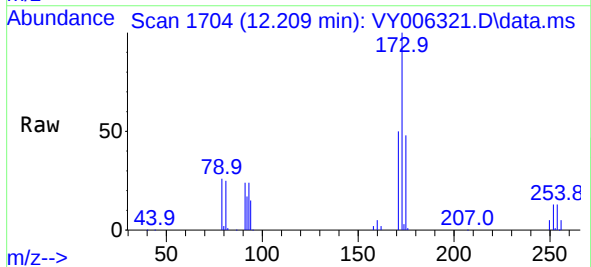
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

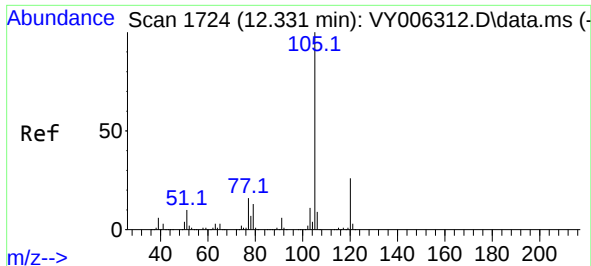
Tgt Ion:	83	Resp:	59395
Ion Ratio	Lower	Upper	
83	100		
85	64.2	45.0	83.6
131	11.0	6.9	10.3#



#59
Bromoform
Concen: 26.233 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion:	173	Resp:	46678
Ion Ratio	Lower	Upper	
173	100		
175	49.5	38.8	58.2
254	13.5	7.3	10.9#

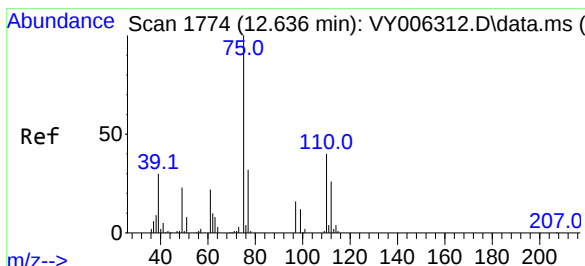
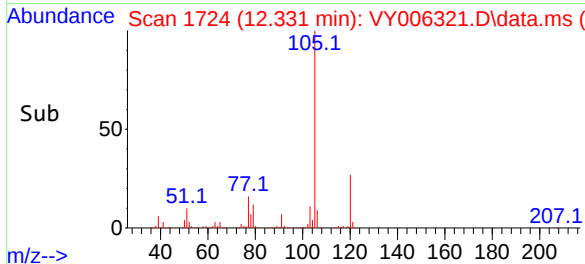
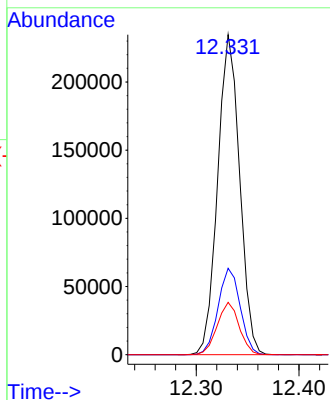
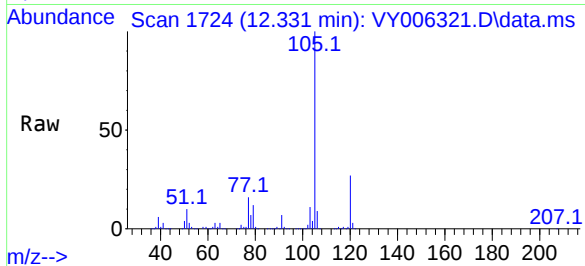




#60
Isopropylbenzene
Concen: 24.457 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

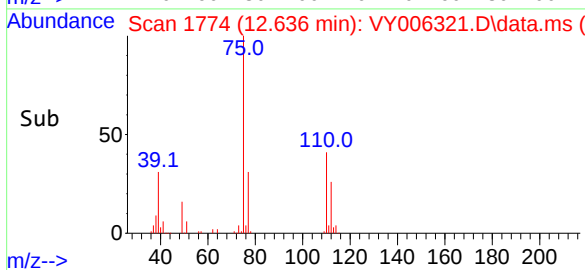
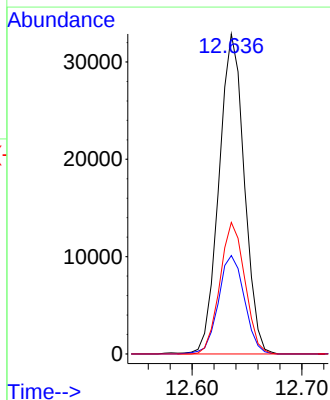
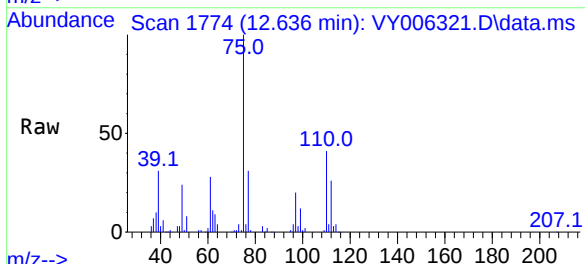
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

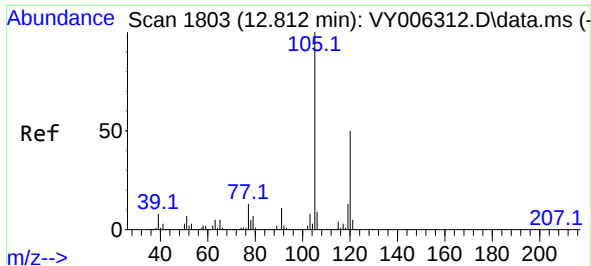
Tgt Ion:105 Resp: 348116
Ion Ratio Lower Upper
105 100
120 27.1 21.0 31.6
77 16.4 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 25.473 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 75 Resp: 52692
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
110 40.6 30.8 46.2

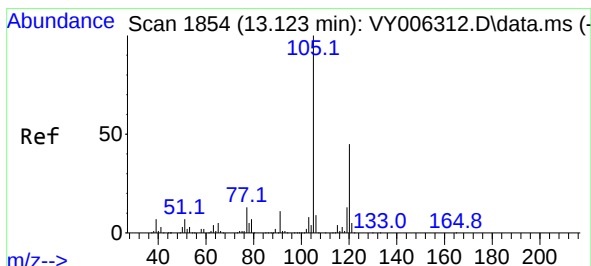
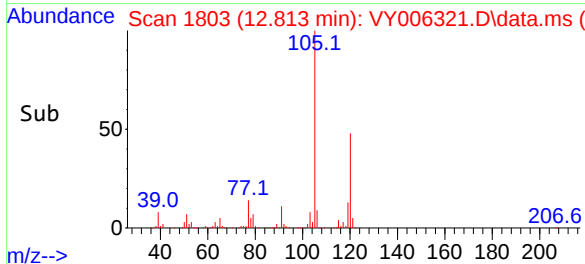
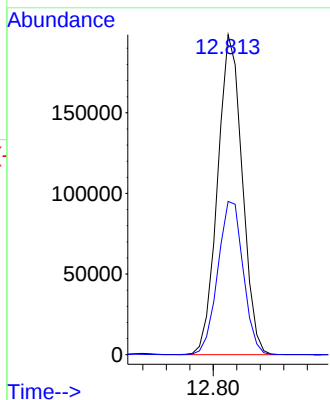
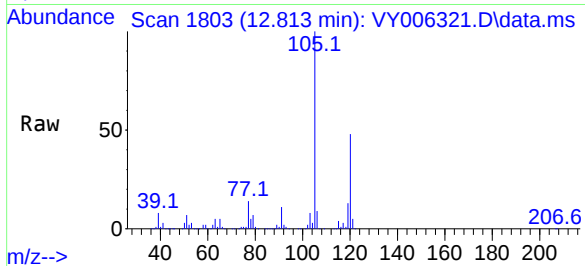




#62
1,3,5-Trimethylbenzene
Concen: 24.962 ug/L
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

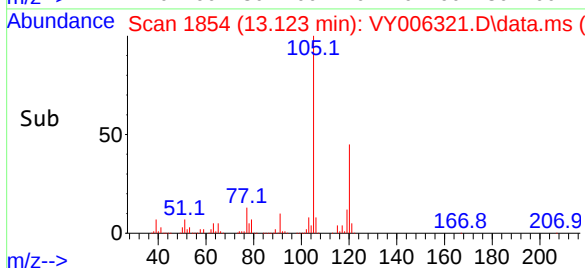
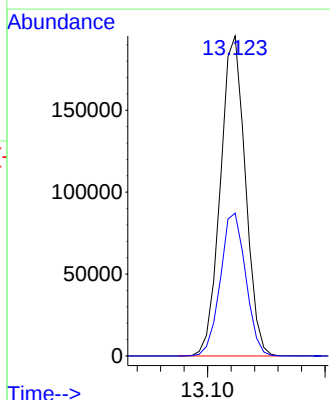
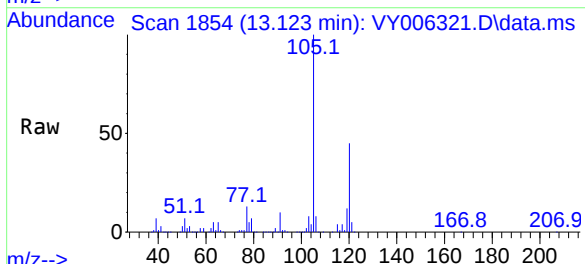
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

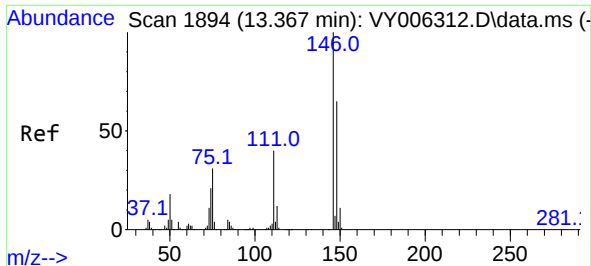
Tgt Ion:105 Resp: 289356
Ion Ratio Lower Upper
105 100
120 49.4 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 25.153 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion:105 Resp: 287753
Ion Ratio Lower Upper
105 100
120 45.4 36.2 54.4

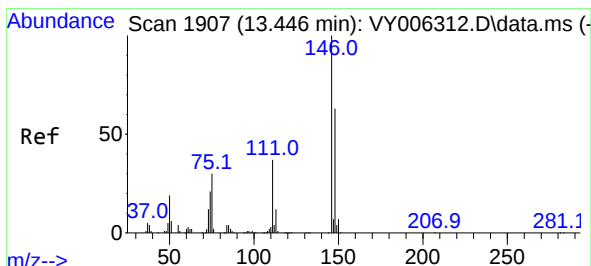
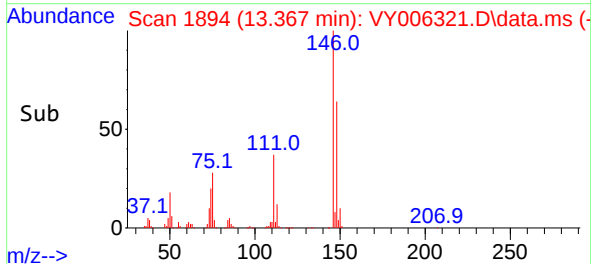
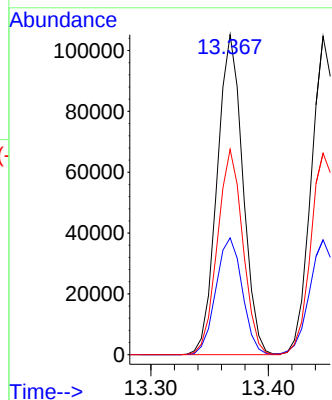
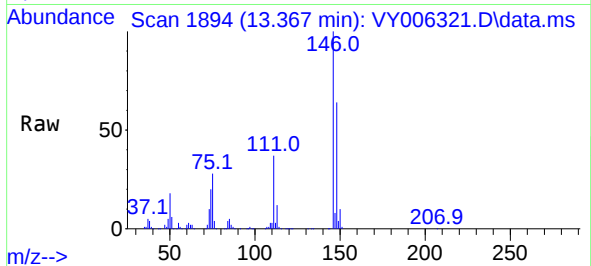




#64
1,3-Dichlorobenzene
Concen: 25.128 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

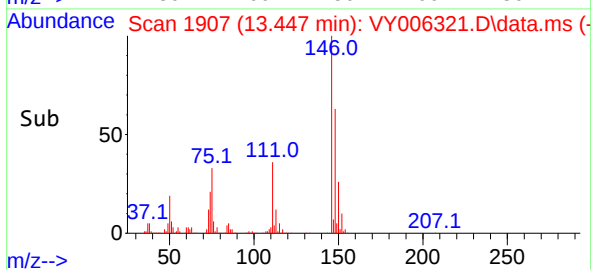
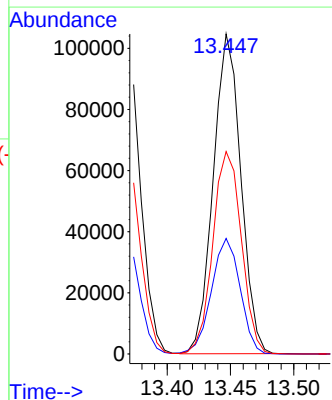
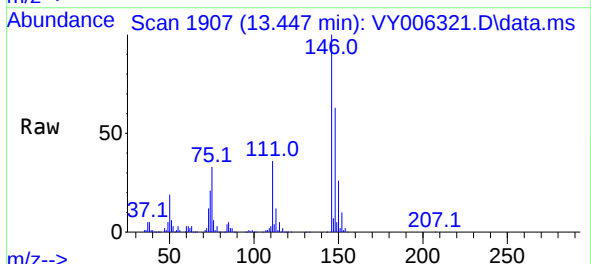
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

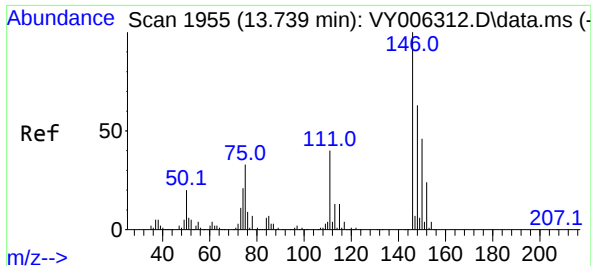
Tgt Ion:146 Resp: 160304
Ion Ratio Lower Upper
146 100
111 36.5 27.4 51.0
148 64.1 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 24.776 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion:146 Resp: 158931
Ion Ratio Lower Upper
146 100
111 36.1 26.4 49.0
148 63.2 44.3 82.3



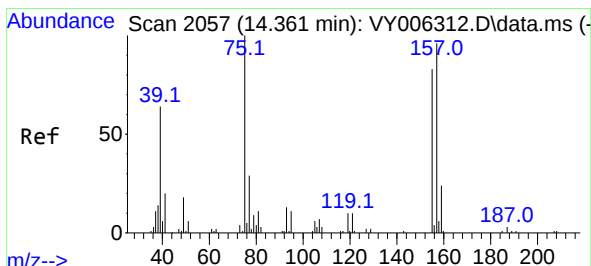
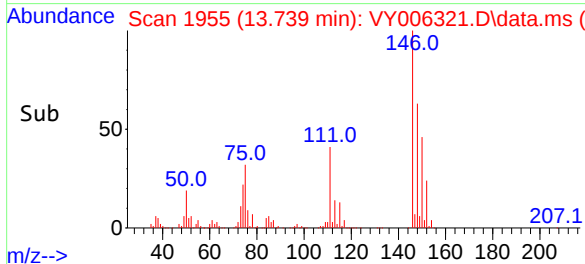
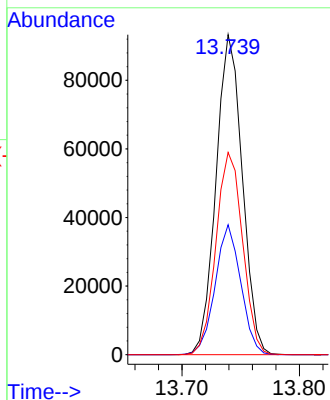
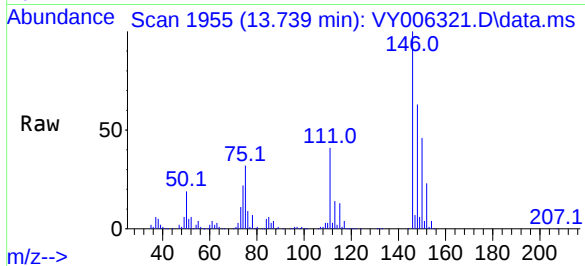


#67
1,2-Dichlorobenzene
Concen: 25.095 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

Tgt Ion:146 Resp: 145484

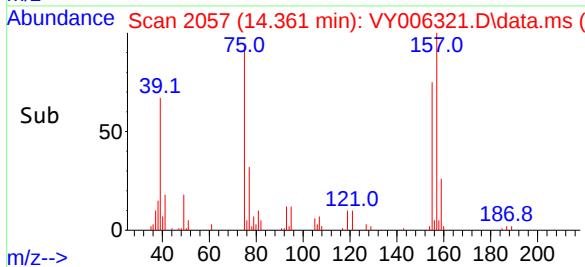
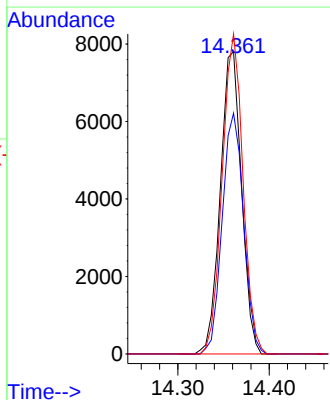
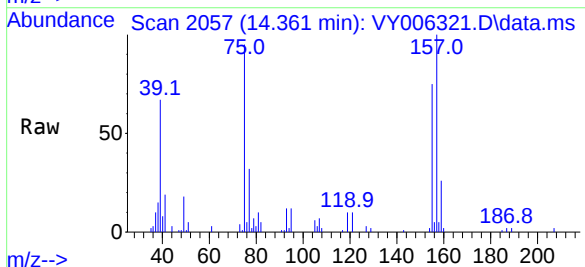
Ion	Ratio	Lower	Upper
146	100		
111	40.6	33.9	50.9
148	63.2	49.7	74.5

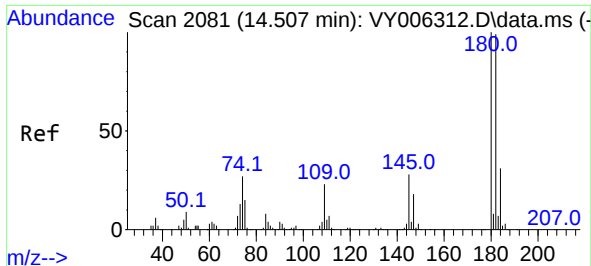


#68
1,2-Dibromo-3-chloropropane
Concen: 25.220 ug/L
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion: 75 Resp: 12570

Ion	Ratio	Lower	Upper
75	100		
155	79.6	64.5	96.7
157	105.8	77.4	116.2



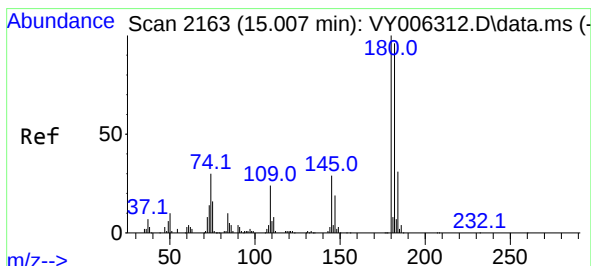
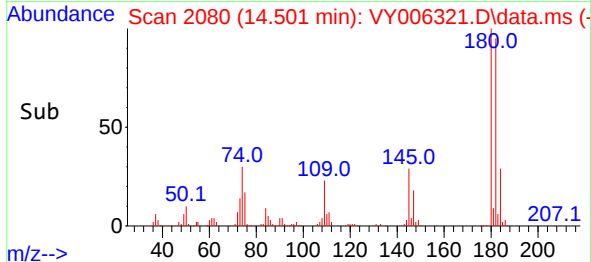
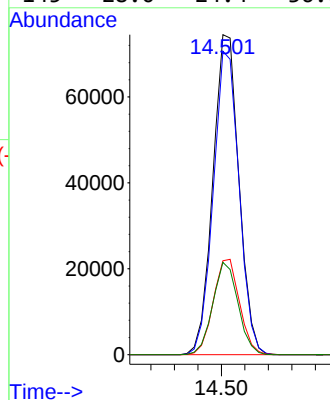
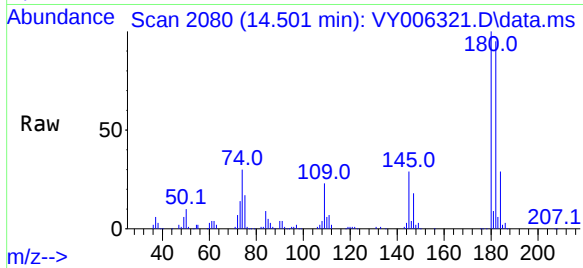


#69
1,3,5-Trichlorobenzene
Concen: 25.415 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.006 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

Tgt Ion:180 Resp: 114662

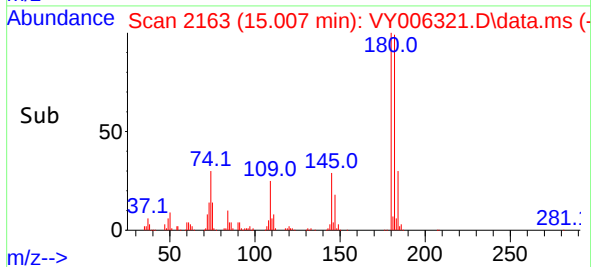
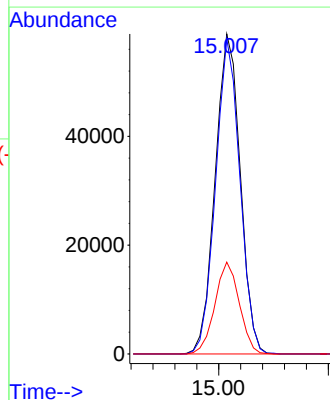
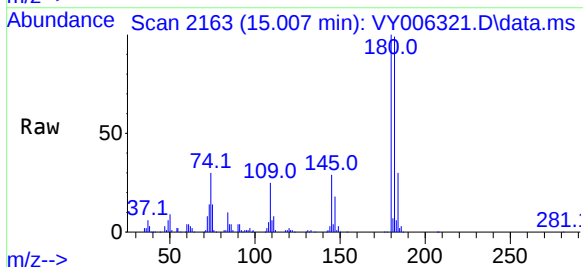
Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.1	114.1
184	30.0	24.6	36.8
145	28.0	24.4	36.6

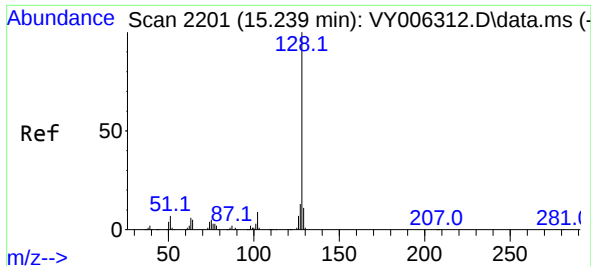


#70
1,2,4-trichlorobenzene
Concen: 25.590 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion:180 Resp: 93341

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	27.9	25.0	37.6



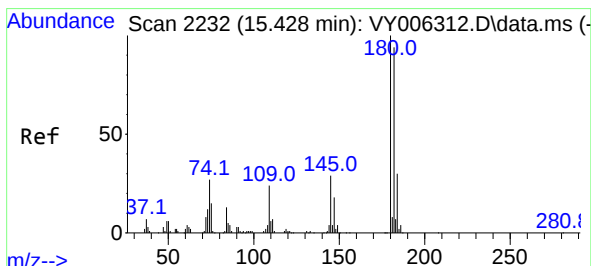
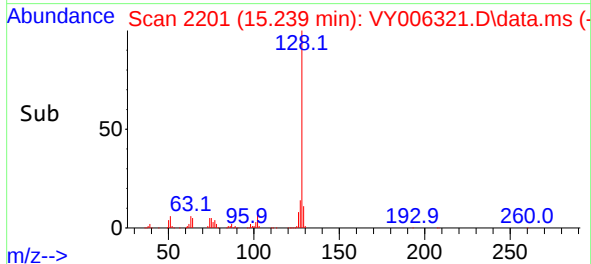
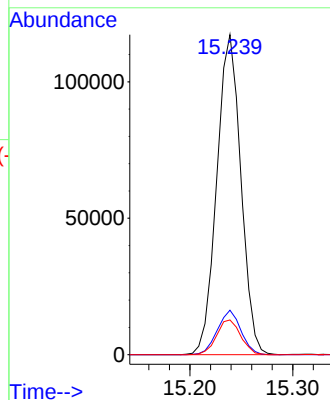
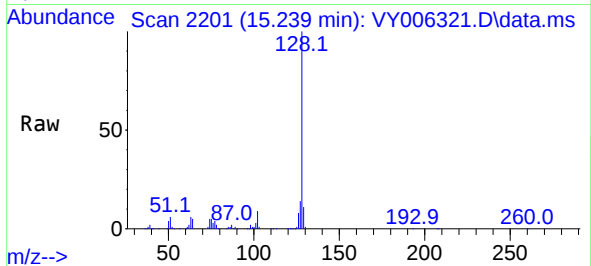


#71
Naphthalene
Concen: 26.811 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025889

Tgt Ion:128 Resp: 191030

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	10.9	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 26.277 ug/L
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY006321.D
Acq: 07 Oct 2021 09:41

Tgt Ion:180 Resp: 83277

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.2
145	29.4	25.8	38.8

