

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100621\
 Data File : VY006312.D
 Acq On : 06 Oct 2021 09:05
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025887

Quant Time: Oct 07 01:59:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 04:20:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	238426	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	219798	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	113445	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	101290	24.441	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.760%
7) Chloroethane-d5	2.772	69	74777	24.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.520%
11) 1,1-Dichloroethene-d2	3.863	63	164418	24.266	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.080%
21) 2-Butanone-d5	6.899	46	52482	47.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.000%
24) Chloroform-d	7.484	84	152498	25.391	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.560%
26) 1,2-Dichloroethane-d4	8.149	65	93413	23.680	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.720%
32) Benzene-d6	8.118	84	317844	26.280	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.120%
36) 1,2-Dichloropropane-d6	9.124	67	91467	25.770	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.080%
41) Toluene-d8	10.185	98	298929	25.949	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	10.441	79	46570	25.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.880%
47) 2-Hexanone-d5	10.788	63	39145	49.867	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.740%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	68544	24.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	13.727	152	100304	25.631	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	108786	24.405	ug/L	98
3) Chloromethane	2.119	50	104128	23.878	ug/L	97
5) Vinyl chloride	2.259	62	121599	23.835	ug/L	100
6) Bromomethane	2.662	94	60973	26.350	ug/L	100
8) Chloroethane	2.808	64	69597	24.107	ug/L	96
9) Trichlorofluoromethane	3.137	101	152323	24.164	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	78516	24.662	ug/L	94
12) 1,1-Dichloroethene	3.881	96	78035	25.396	ug/L	94
13) Acetone	3.954	43	63501	50.305	ug/L	100
14) Carbon disulfide	4.204	76	272934	24.543	ug/L	98
15) Methyl Acetate	4.485	43	44811	22.735	ug/L	100
16) Methylene chloride	4.728	84	84801	20.170	ug/L	95
17) trans-1,2-Dichloroethene	5.228	96	84172	26.077	ug/L	96
18) Methyl tert-butyl Ether	5.234	73	205219	24.306	ug/L	98
19) 1,1-Dichloroethane	6.021	63	149441	25.543	ug/L	97
20) cis-1,2-Dichloroethene	6.990	96	87355	25.819	ug/L	98
22) 2-Butanone	6.996	43	71850	51.137	ug/L	99
23) Bromochloromethane	7.338	128	38488	25.019	ug/L	90
25) Chloroform	7.508	83	158187	24.689	ug/L	98

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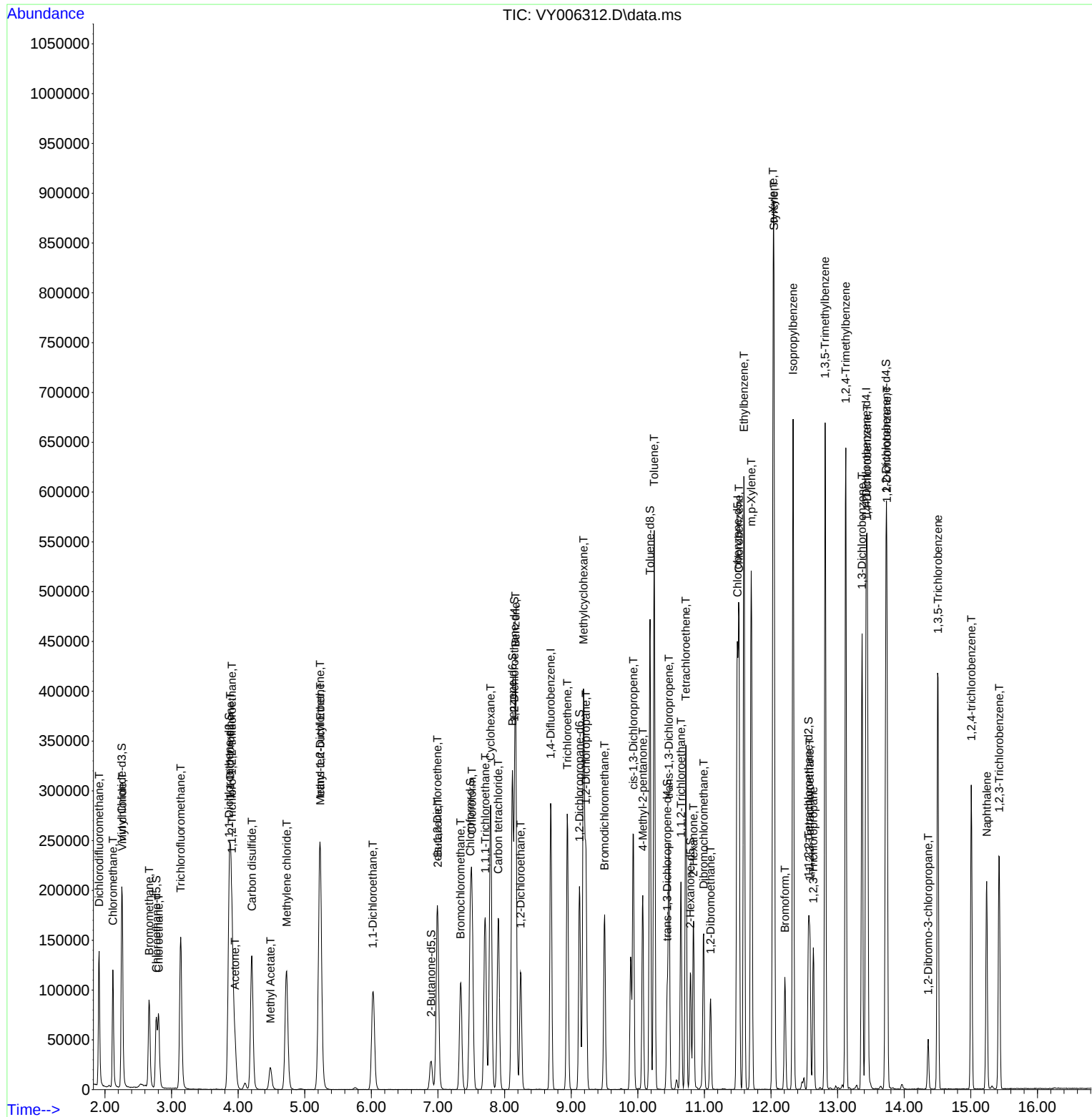
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	108581	23.838	ug/L #	95
29) Cyclohexane	7.789	56	153778	27.193	ug/L	98
30) 1,1,1-Trichloroethane	7.710	97	144925	25.969	ug/L	98
31) Carbon tetrachloride	7.905	117	130438	25.827	ug/L	100
33) Benzene	8.167	78	349596	26.047	ug/L	100
34) Trichloroethene	8.941	95	89806	26.339	ug/L	99
35) Methylcyclohexane	9.185	83	159042	26.706	ug/L	100
37) 1,2-Dichloropropane	9.222	63	83931	26.133	ug/L	99
38) Bromodichloromethane	9.502	83	112724	25.576	ug/L	99
39) cis-1,3-Dichloropropene	9.935	75	134202	26.292	ug/L	99
40) 4-Methyl-2-pentanone	10.075	43	126503	49.108	ug/L	97
42) Toluene	10.246	91	380553	26.223	ug/L	98
44) trans-1,3-Dichloropropene	10.465	75	122253	25.369	ug/L	97
45) 1,1,2-Trichloroethane	10.648	97	60367	25.448	ug/L	98
46) Tetrachloroethene	10.721	164	73996	26.291	ug/L	95
48) 2-Hexanone	10.837	43	106751	53.110	ug/L	98
49) Dibromochloromethane	10.990	129	75771	25.438	ug/L	96
50) 1,2-Dibromoethane	11.093	107	56170	25.390	ug/L #	98
51) Chlorobenzene	11.520	112	226061	25.720	ug/L	99
52) Ethylbenzene	11.593	91	406781	26.282	ug/L	99
53) m,p-Xylene	11.703	106	157158	26.520	ug/L	95
54) o-Xylene	12.032	106	150734	26.545	ug/L	96
55) Styrene	12.044	104	259975	26.262	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.581	83	63568	24.575	ug/L	99
59) Bromoform	12.209	173	48210	25.182	ug/L #	98
60) Isopropylbenzene	12.331	105	404972	26.444	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	54044	24.283	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	329081	26.385	ug/L	98
63) 1,2,4-Trimethylbenzene	13.123	105	325583	26.451	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	175081	25.507	ug/L	99
65) 1,4-Dichlorobenzene	13.446	146	175646	25.449	ug/L	100
67) 1,2-Dichlorobenzene	13.739	146	157606	25.267	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.361	75	12559	23.420	ug/L	98
69) 1,3,5-Trichlorobenzene	14.507	180	127068	26.178	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	91053	23.201	ug/L	99
71) Naphthalene	15.239	128	167601	21.862	ug/L	99
72) 1,2,3-Trichlorobenzene	15.428	180	79152	23.213	ug/L	98

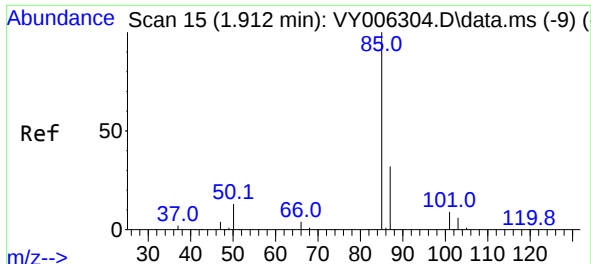
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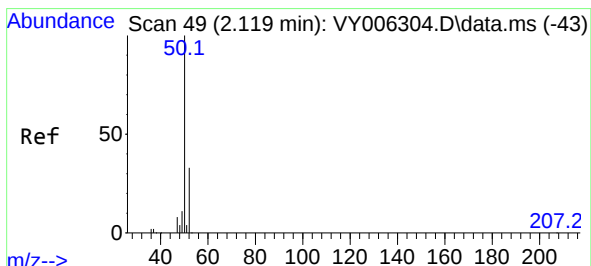
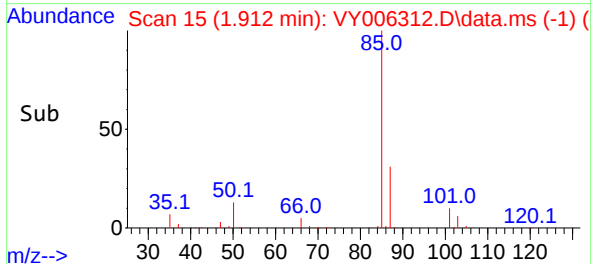
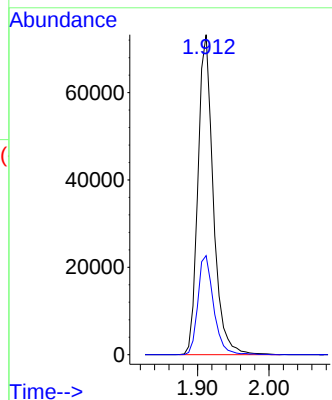
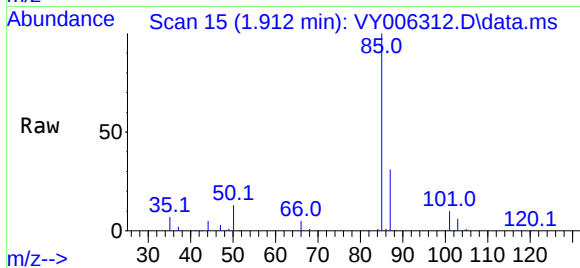




#2
Dichlorodifluoromethane
Concen: 24.405 ug/L
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

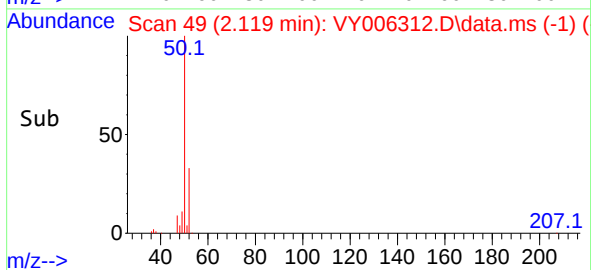
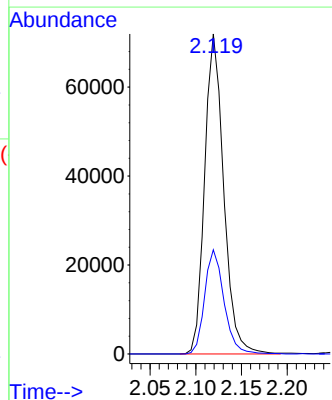
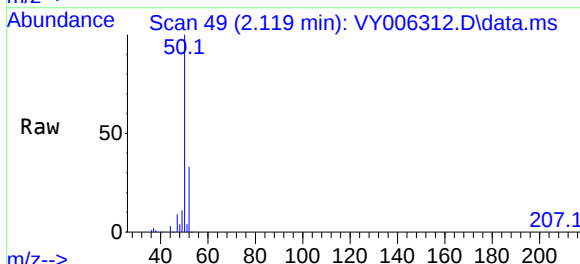
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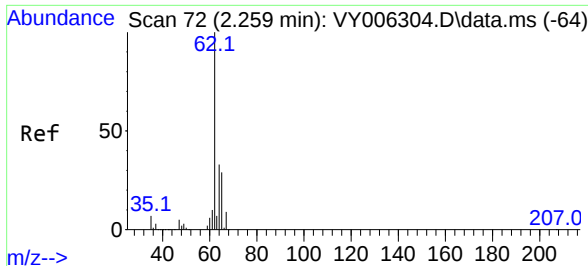
Tgt Ion: 85 Resp: 108786
Ion Ratio Lower Upper
85 100
87 31.5 26.2 39.2



#3
Chloromethane
Concen: 23.878 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 50 Resp: 104128
Ion Ratio Lower Upper
50 100
52 32.6 21.8 40.4

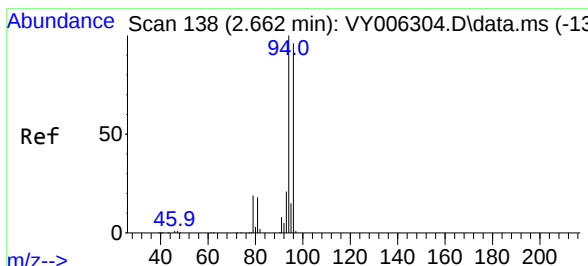
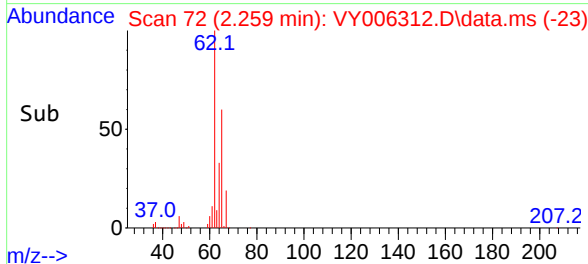
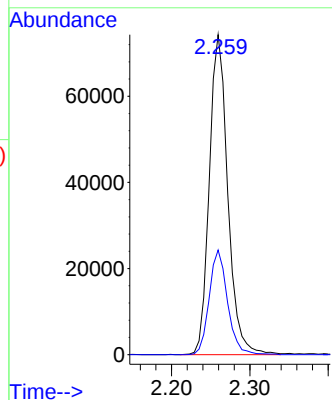
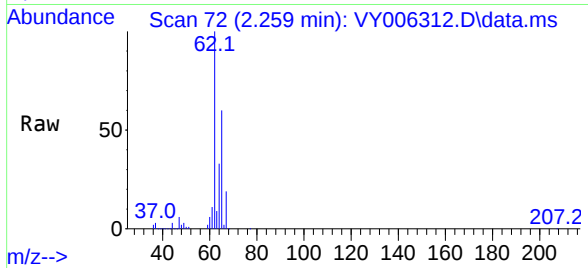




#5
 Vinyl chloride
 Concen: 23.835 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VY006312.D
 Acq: 06 Oct 2021 09:05

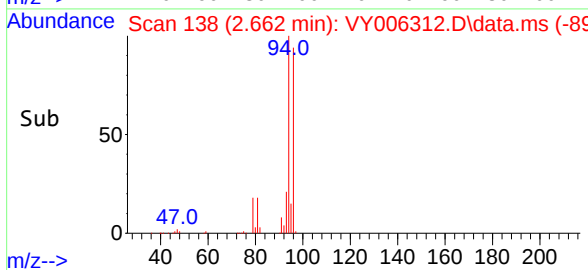
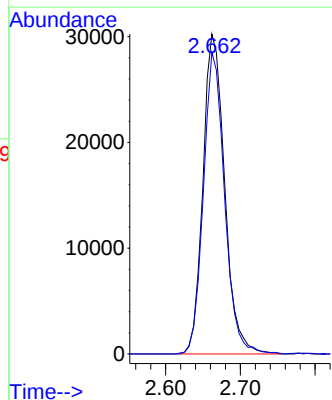
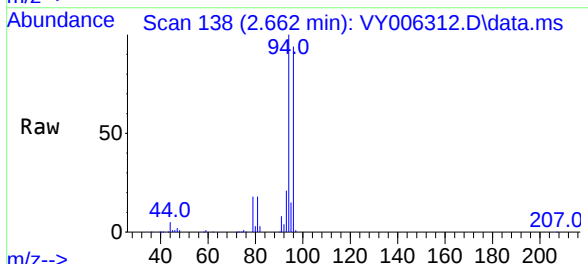
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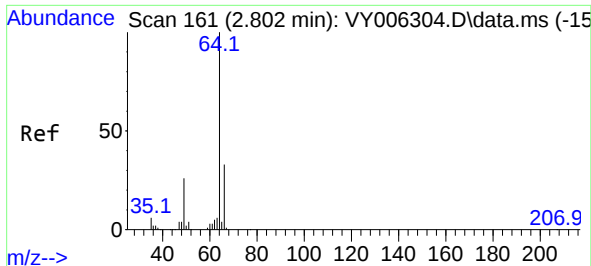
Tgt Ion: 62 Resp: 121599
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.8 42.4



#6
 Bromomethane
 Concen: 26.350 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VY006312.D
 Acq: 06 Oct 2021 09:05

Tgt Ion: 94 Resp: 60973
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.9 122.5

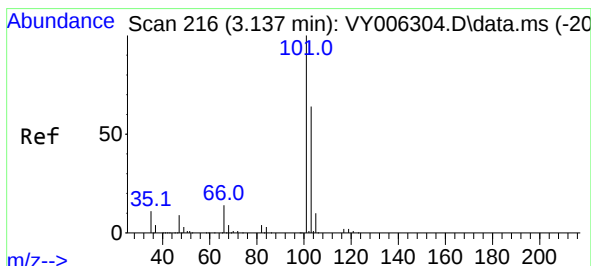
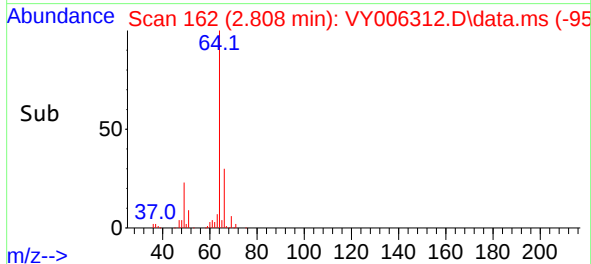
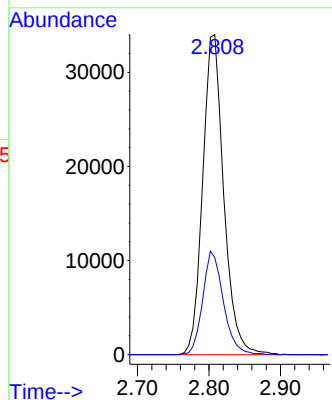
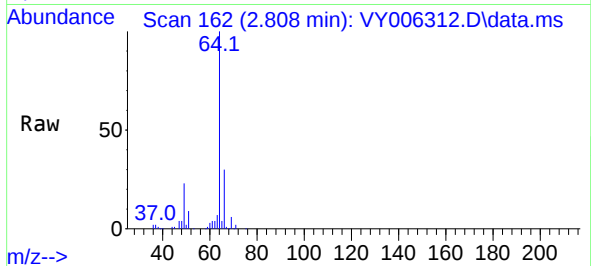




#8
Chloroethane
Concen: 24.107 ug/L
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

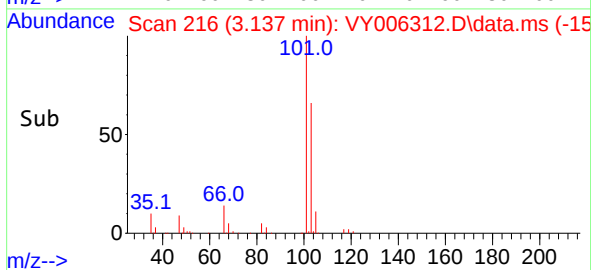
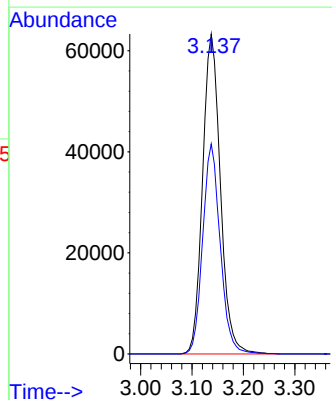
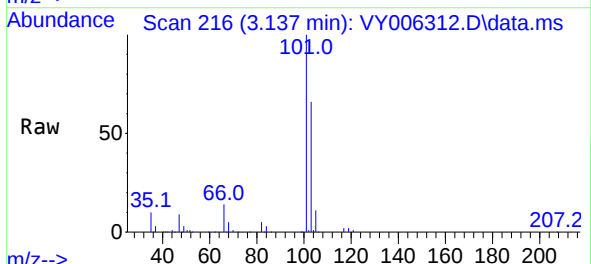
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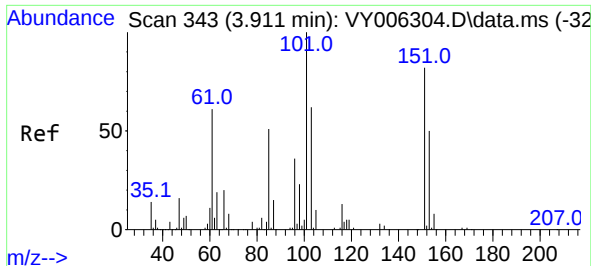
Tgt Ion: 64 Resp: 69597
Ion Ratio Lower Upper
64 100
66 30.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 24.164 ug/L
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion:101 Resp: 152323
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

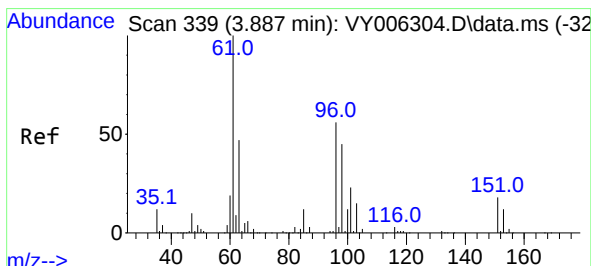
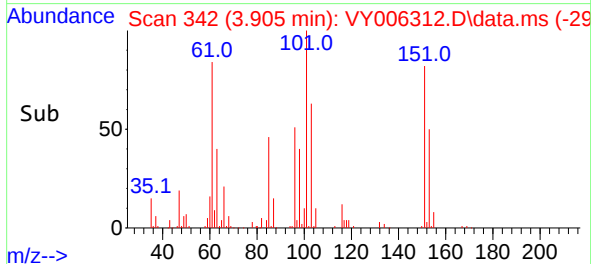
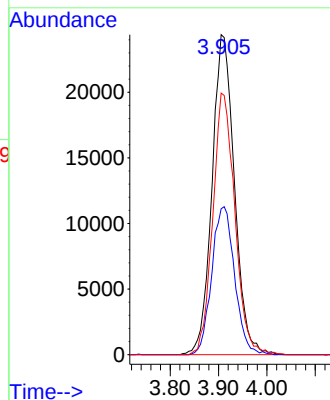
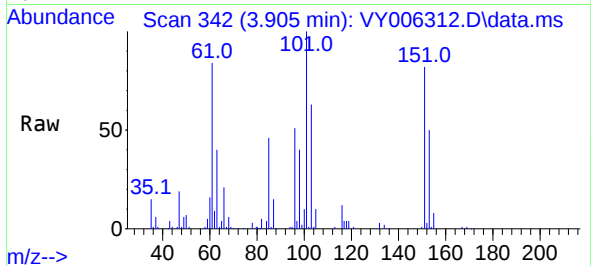




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.662 ug/L
 RT: 3.905 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VY006312.D
 Acq: 06 Oct 2021 09:05

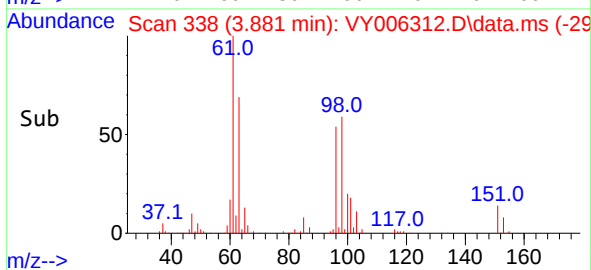
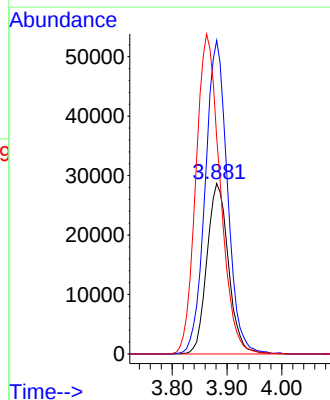
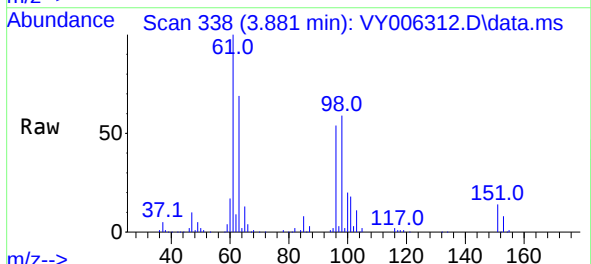
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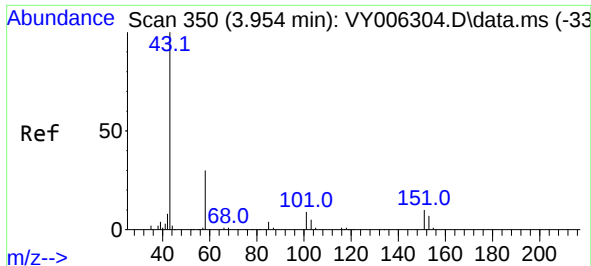
Tgt Ion:	101	Resp:	78516
Ion	Ratio	Lower	Upper
101	100		
85	47.0	36.6	54.8
151	80.4	59.0	88.4



#12
 1,1-Dichloroethene
 Concen: 25.396 ug/L
 RT: 3.881 min Scan# 338
 Delta R.T. -0.006 min
 Lab File: VY006312.D
 Acq: 06 Oct 2021 09:05

Tgt Ion:	96	Resp:	78035
Ion	Ratio	Lower	Upper
96	100		
61	184.0	121.2	225.2
63	127.0	86.9	161.3

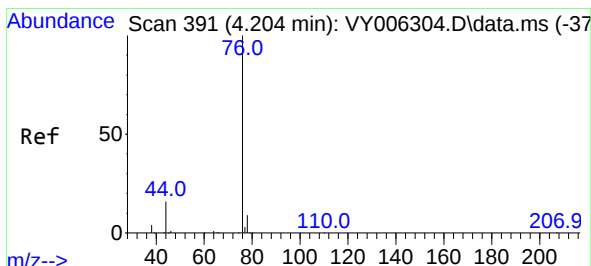
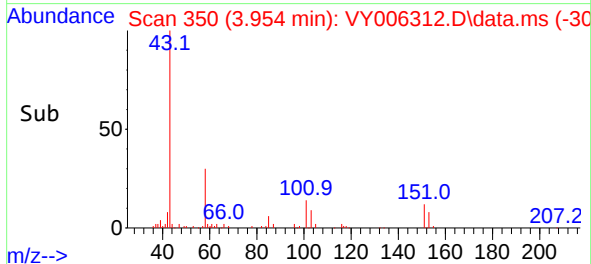
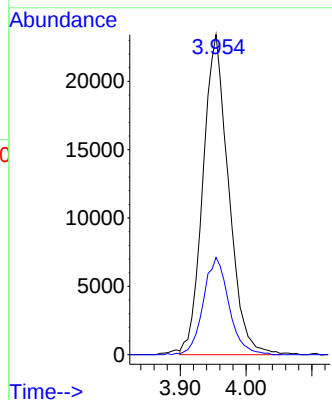
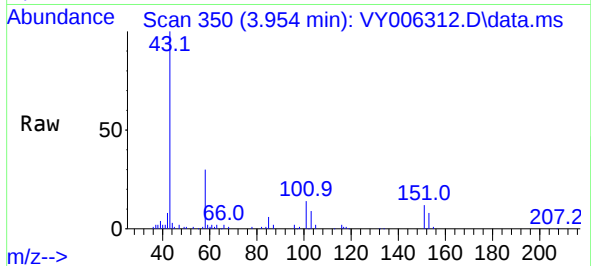




#13
Acetone
Concen: 50.305 ug/L
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
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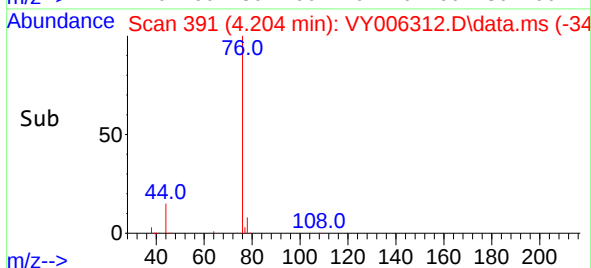
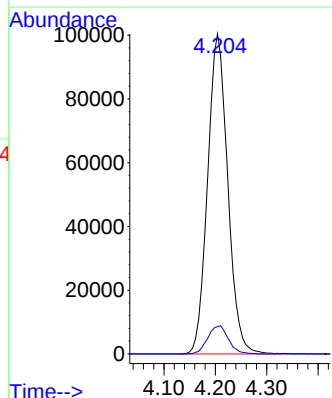
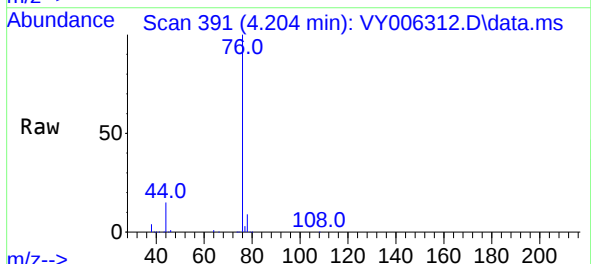
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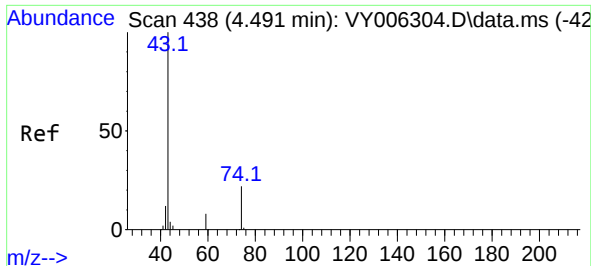
Tgt Ion: 43 Resp: 63501
Ion Ratio Lower Upper
43 100
58 30.3 0.0 61.0



#14
Carbon disulfide
Concen: 24.543 ug/L
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 76 Resp: 272934
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

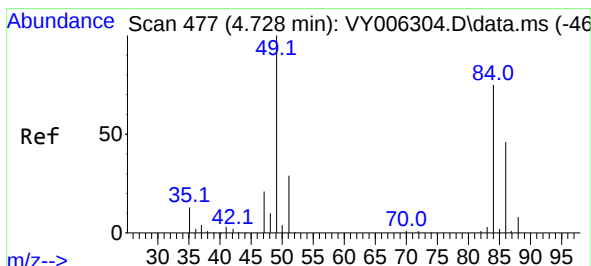
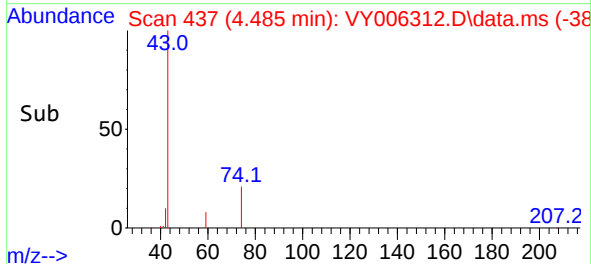
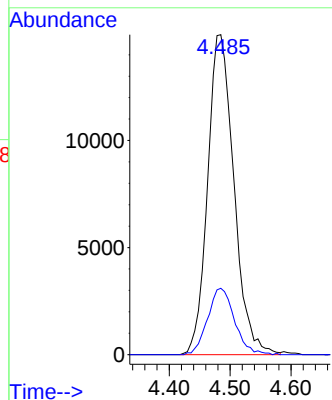
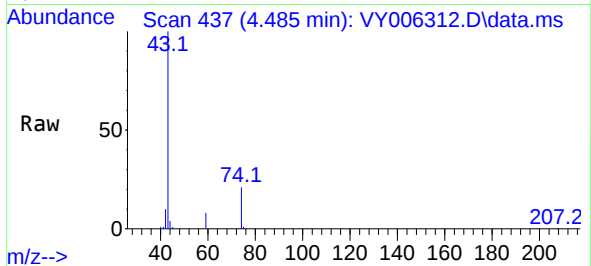




#15
Methyl Acetate
Concen: 22.735 ug/L
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

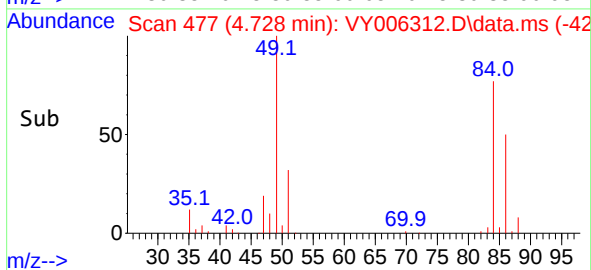
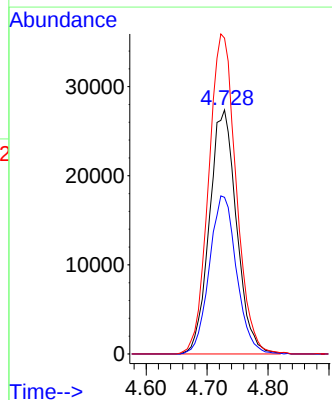
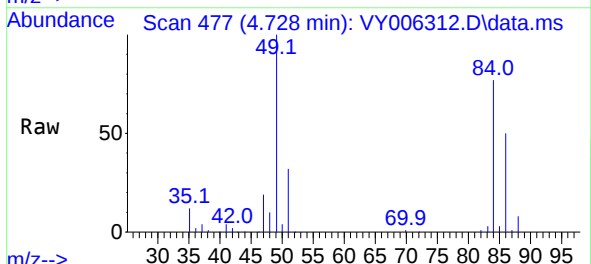
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

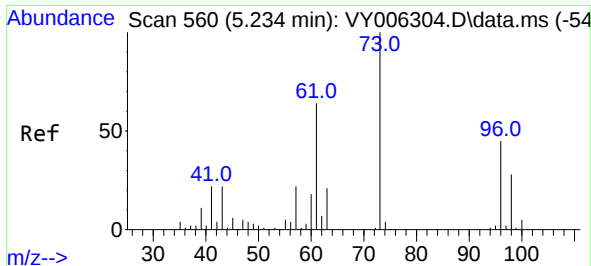
Tgt Ion: 43 Resp: 44811
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1



#16
Methylene chloride
Concen: 20.170 ug/L
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 84 Resp: 84801
Ion Ratio Lower Upper
84 100
86 64.2 43.2 80.2
49 129.5 96.0 178.4

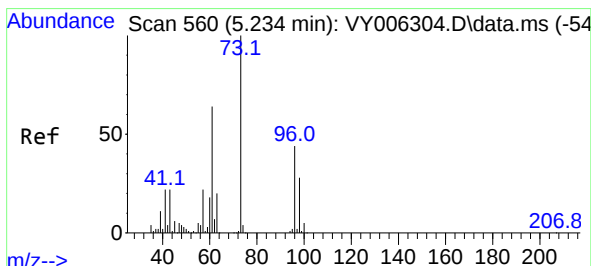
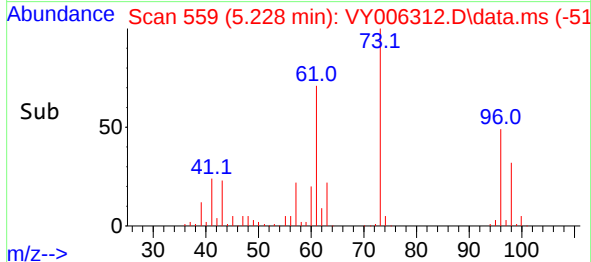
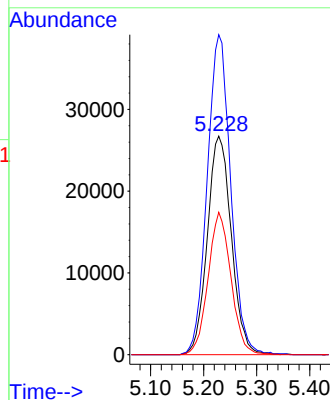
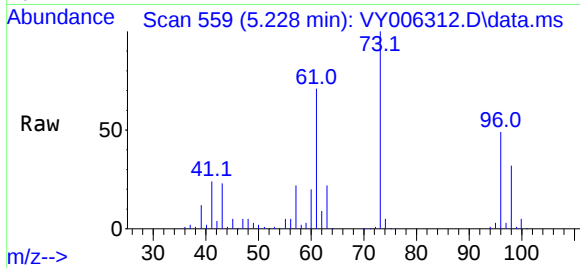




#17
trans-1,2-Dichloroethene
Concen: 26.077 ug/L
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

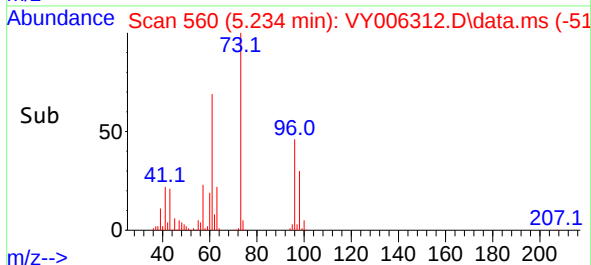
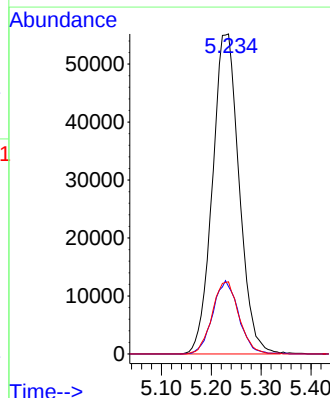
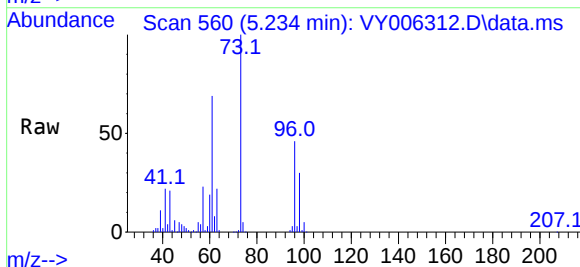
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

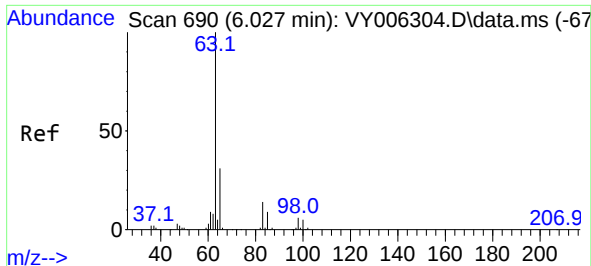
Tgt Ion: 96 Resp: 84172
Ion Ratio Lower Upper
96 100
61 146.5 97.6 181.2
98 65.2 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 24.306 ug/L
RT: 5.234 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 73 Resp: 205219
Ion Ratio Lower Upper
73 100
43 22.1 16.8 25.2
57 22.6 18.7 28.1



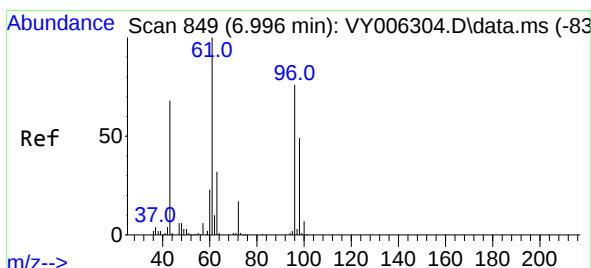
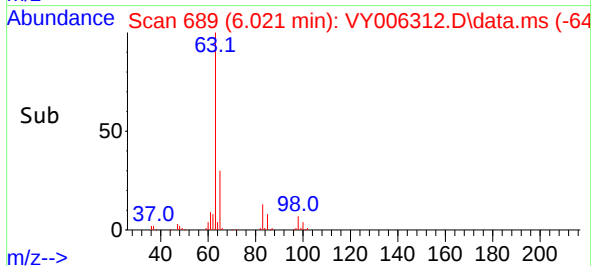
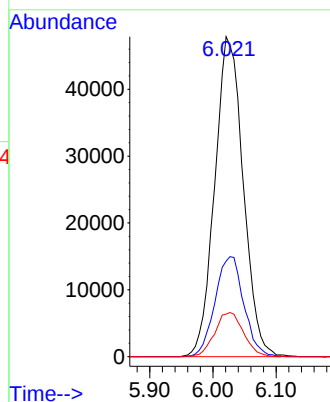
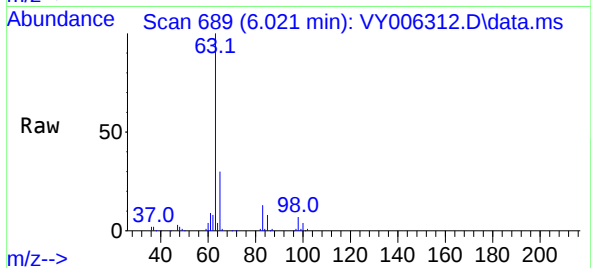


#19
1,1-Dichloroethane
Concen: 25.543 ug/L
RT: 6.021 min Scan# 689
Delta R.T. -0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

Tgt Ion: 63 Resp: 149441

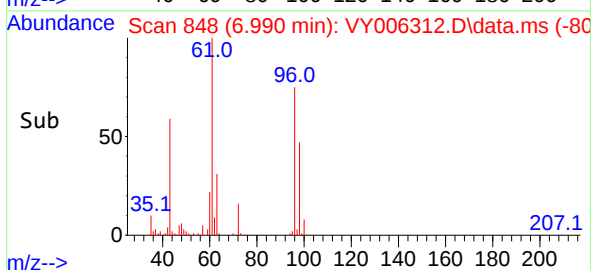
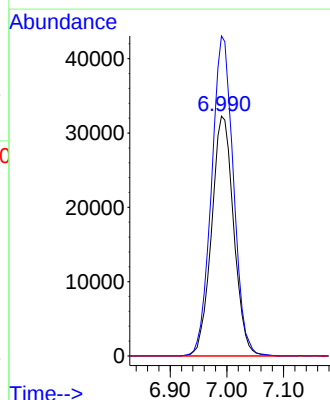
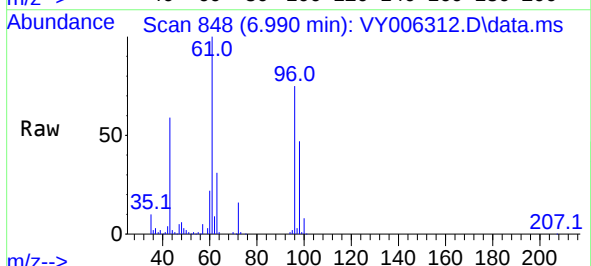
Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.4	41.6
83	13.3	9.5	17.7

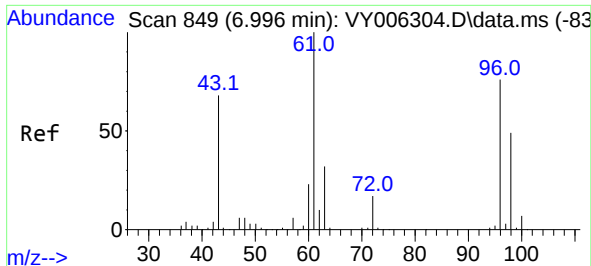


#20
cis-1,2-Dichloroethene
Concen: 25.819 ug/L
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 96 Resp: 87355

Ion	Ratio	Lower	Upper
96	100		
61	133.4	94.8	176.2
68	0.0	0.0	0.0

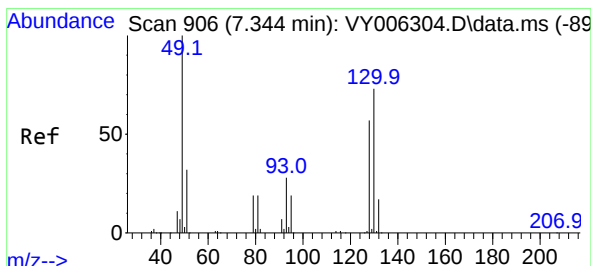
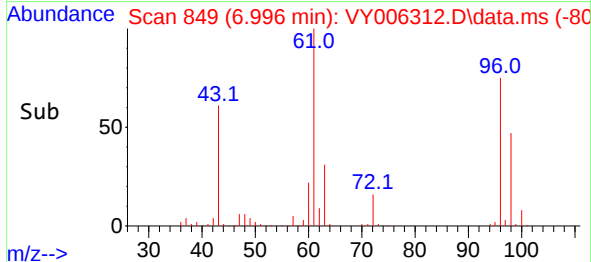
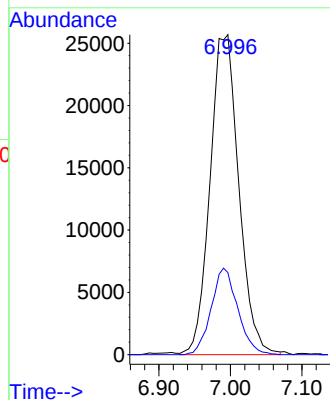
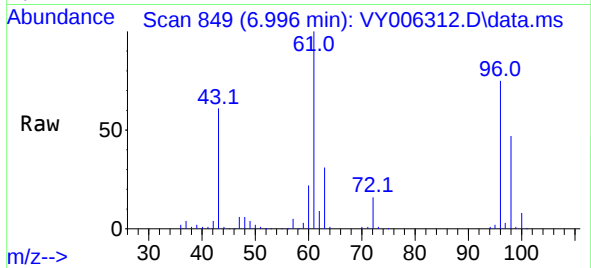




#22
2-Butanone
Concen: 51.137 ug/L
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

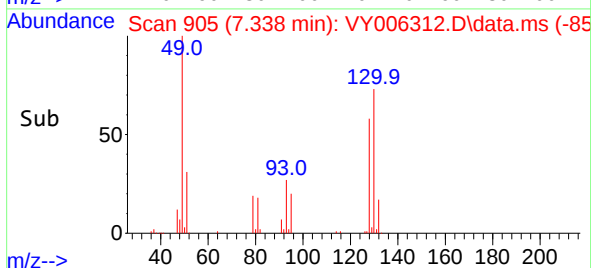
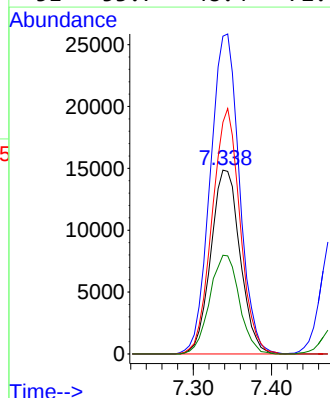
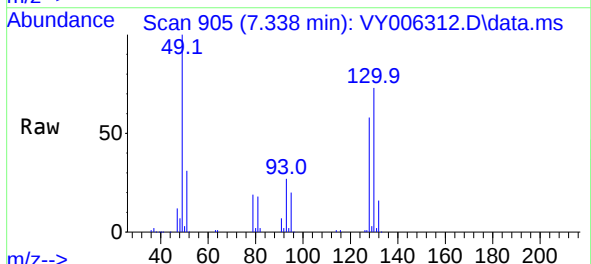
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

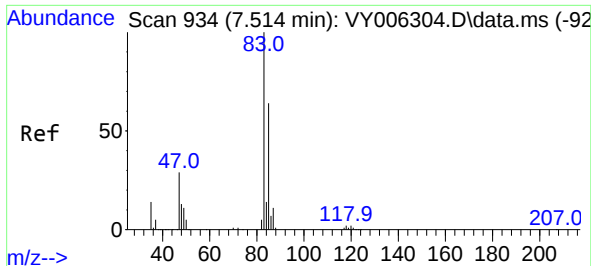
Tgt Ion: 43 Resp: 71850
Ion Ratio Lower Upper
43 100
72 25.0 12.2 36.6



#23
Bromochloromethane
Concen: 25.019 ug/L
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 128 Resp: 38488
Ion Ratio Lower Upper
128 100
49 172.9 138.9 258.1
130 126.1 88.3 164.1
51 53.7 48.4 72.6

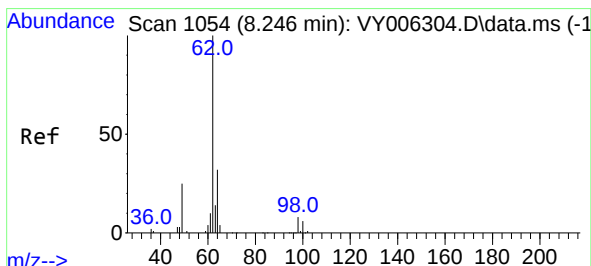
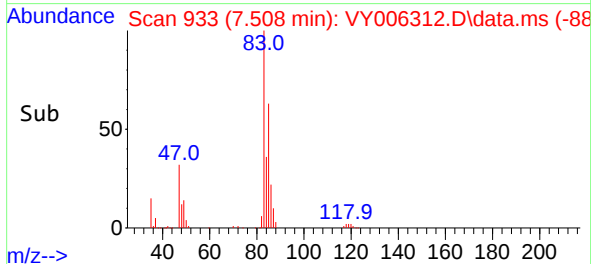
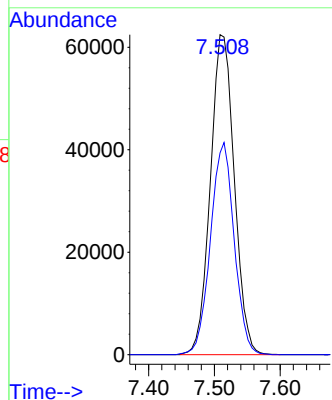
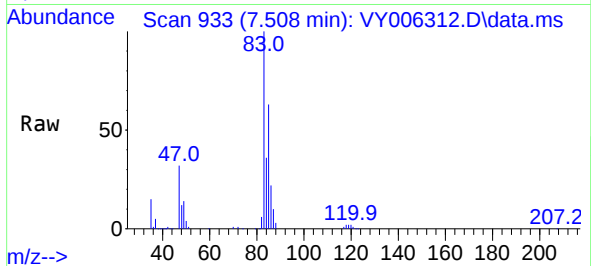




#25
Chloroform
Concen: 24.689 ug/L
RT: 7.508 min Scan# 933
Delta R.T. -0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

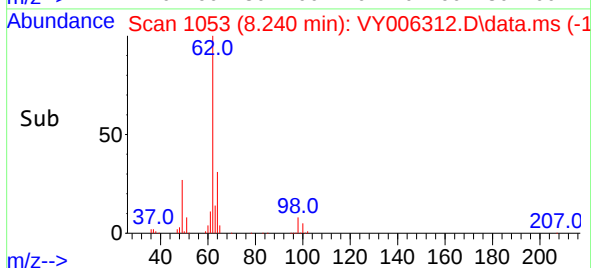
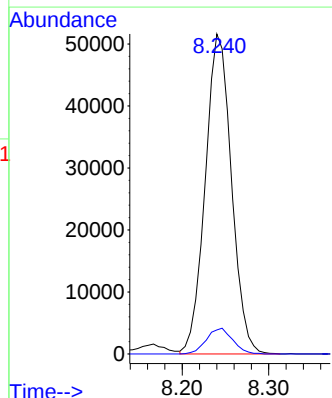
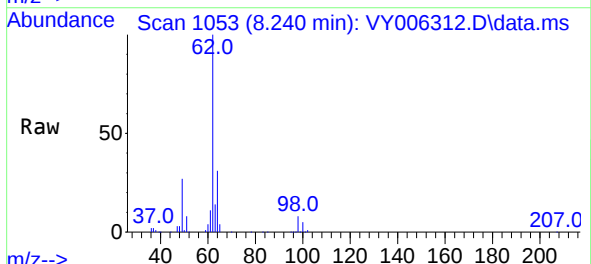
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

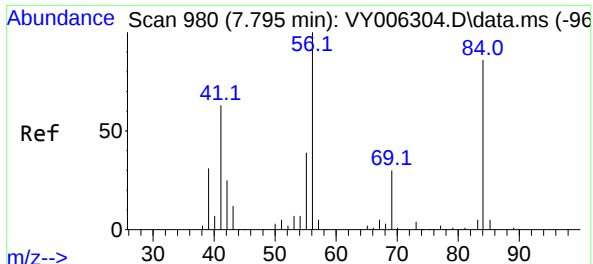
Tgt Ion: 83 Resp: 158187
Ion Ratio Lower Upper
83 100
85 63.1 45.4 84.4



#27
1,2-Dichloroethane
Concen: 23.838 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 62 Resp: 108581
Ion Ratio Lower Upper
62 100
98 7.5 7.5 11.3#





#29

Cyclohexane

Concen: 27.193 ug/L

RT: 7.789 min Scan# 979

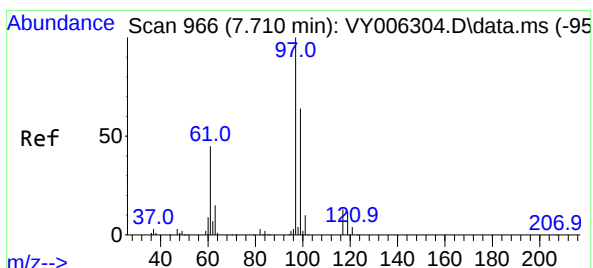
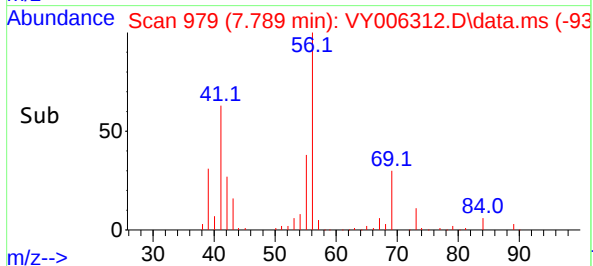
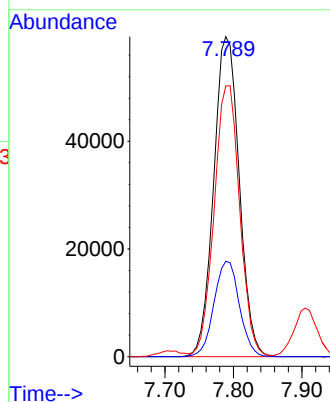
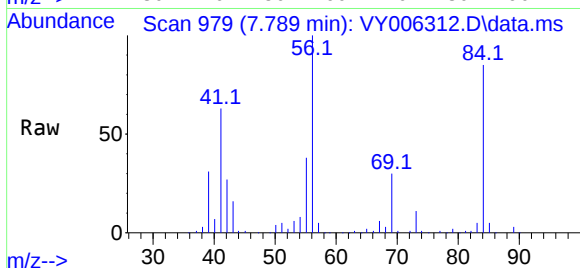
Delta R.T. -0.006 min

Lab File: VY006312.D

Acq: 06 Oct 2021 09:05

Tgt Ion: 56 Resp: 153778

Ion	Ratio	Lower	Upper
56	100		
69	29.6	22.6	33.8
84	84.7	66.1	99.1



#30

1,1,1-Trichloroethane

Concen: 25.969 ug/L

RT: 7.710 min Scan# 966

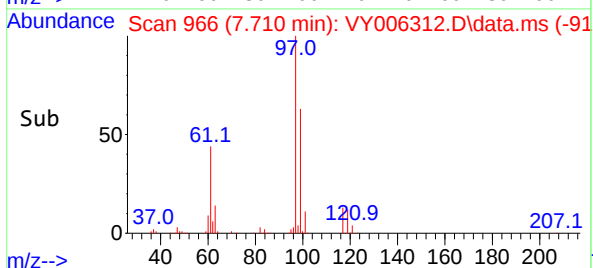
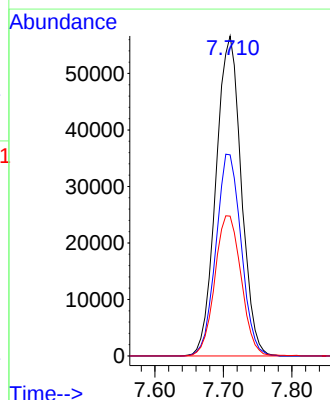
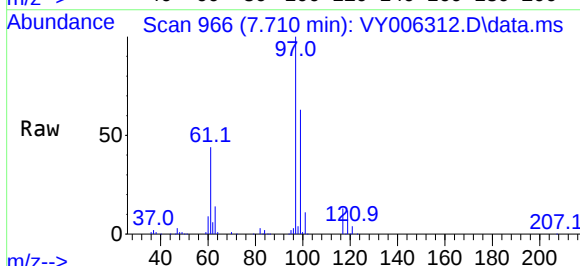
Delta R.T. 0.000 min

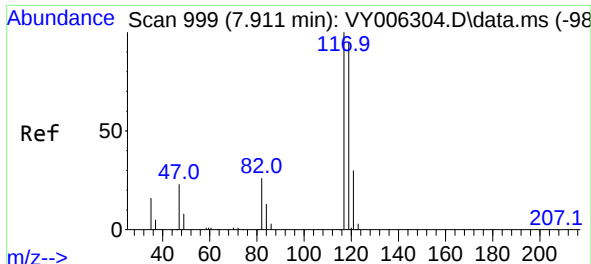
Lab File: VY006312.D

Acq: 06 Oct 2021 09:05

Tgt Ion: 97 Resp: 144925

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.8	77.6
61	45.7	37.3	55.9

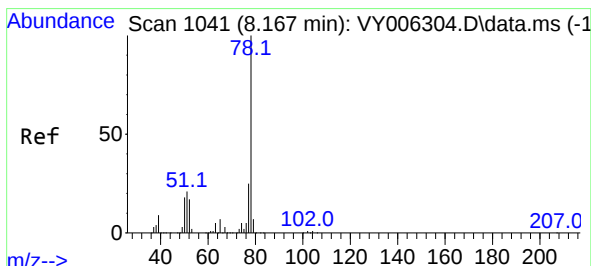
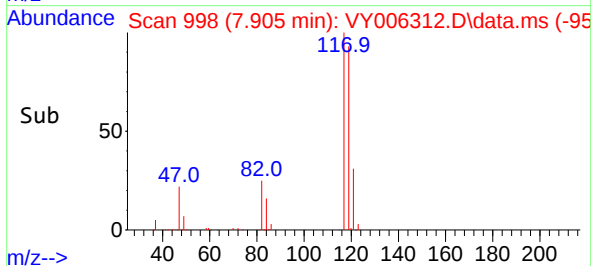
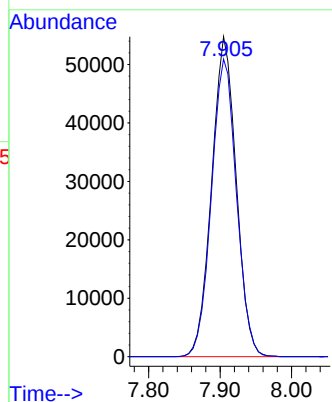
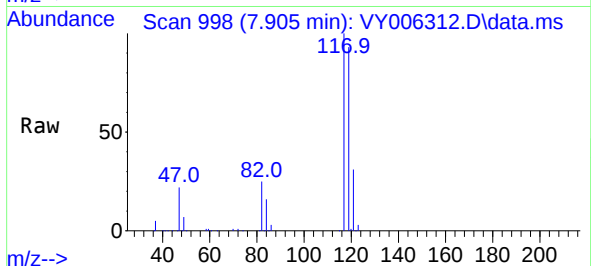




#31
Carbon tetrachloride
Concen: 25.827 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

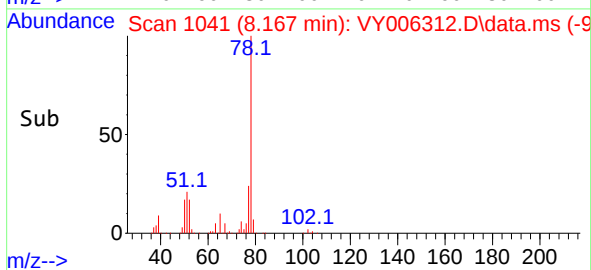
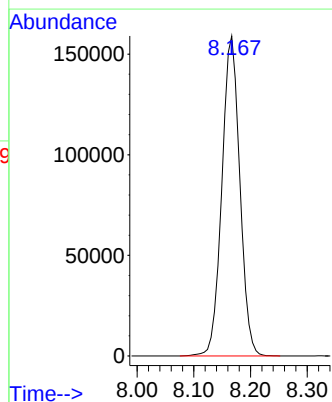
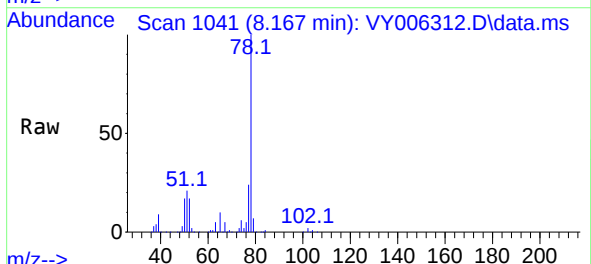
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

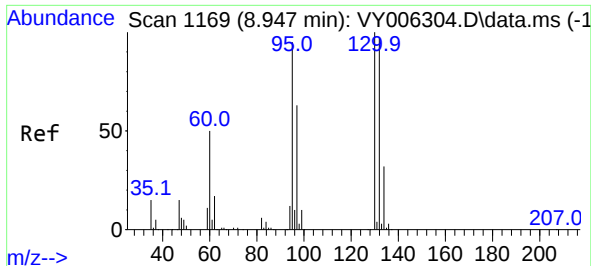
Tgt Ion:117 Resp: 130438
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.2



#33
Benzene
Concen: 26.047 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 78 Resp: 349596



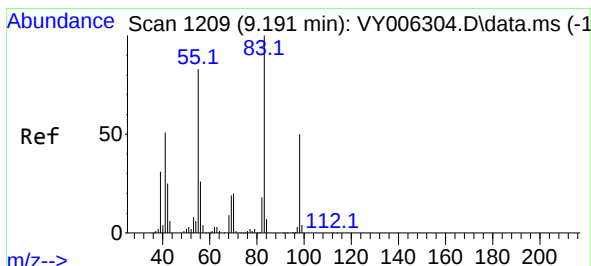
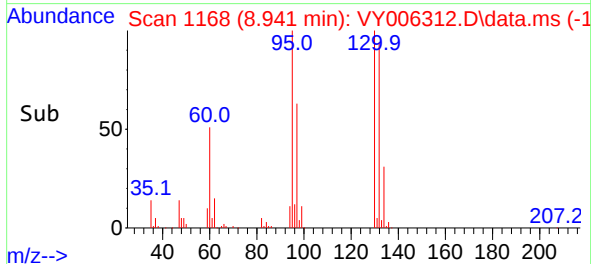
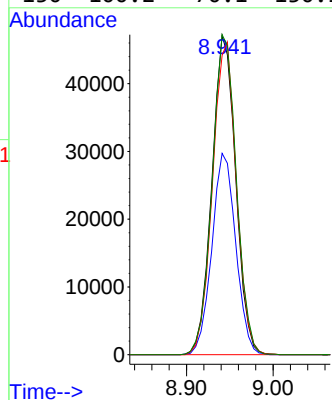
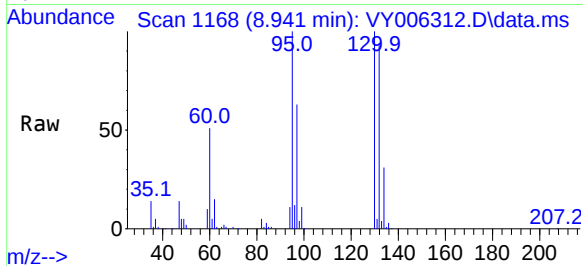


#34
Trichloroethene
Concen: 26.339 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

Tgt Ion: 95 Resp: 89806

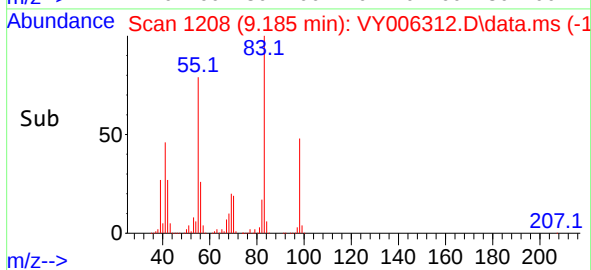
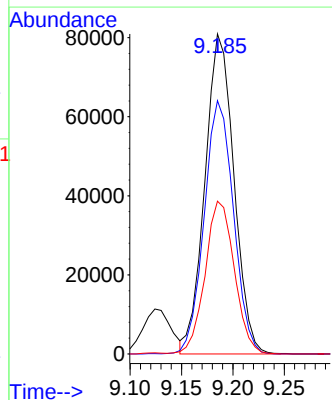
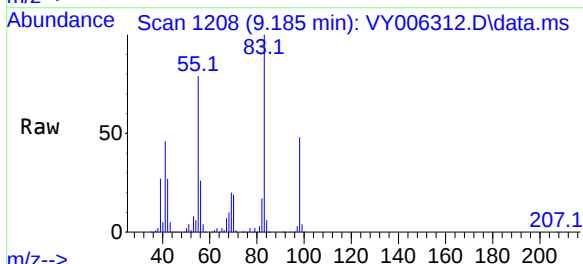
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.2	82.2
132	93.8	66.8	124.0
130	100.2	70.1	130.1

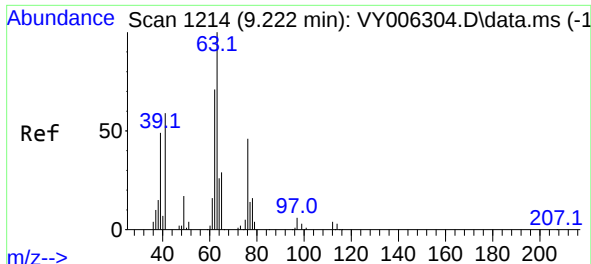


#35
Methylcyclohexane
Concen: 26.706 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 83 Resp: 159042

Ion	Ratio	Lower	Upper
83	100		
55	80.1	63.9	95.9
98	48.1	38.7	58.1

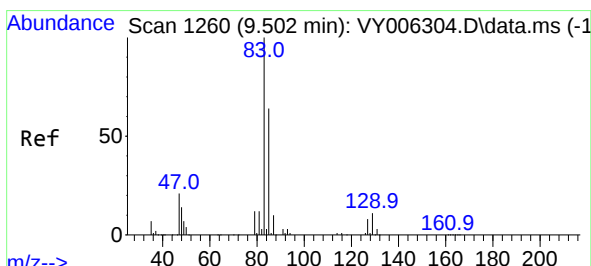
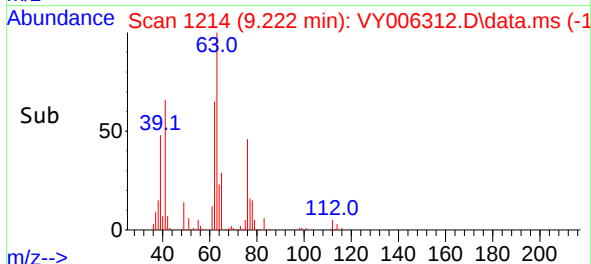
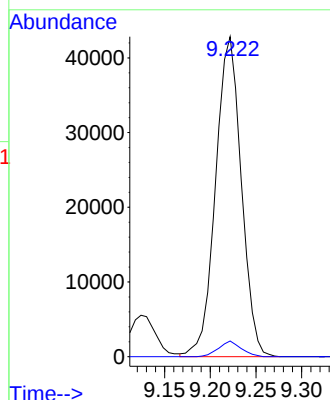
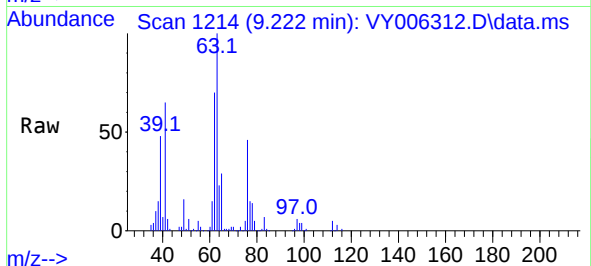




#37
1,2-Dichloropropane
Concen: 26.133 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

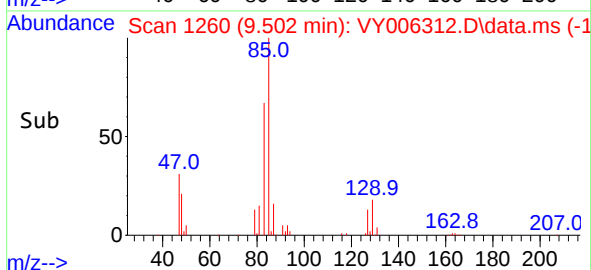
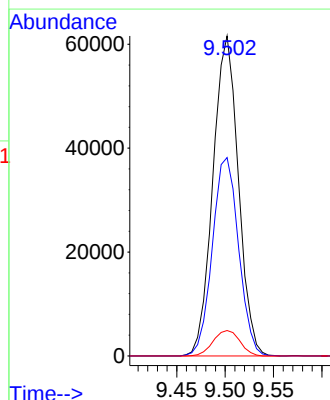
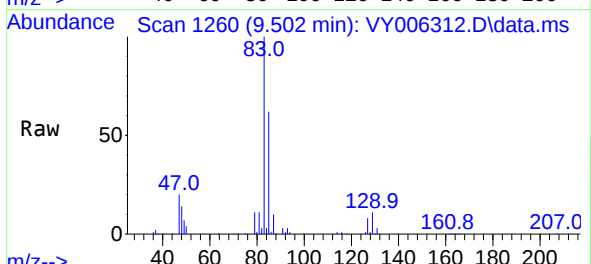
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

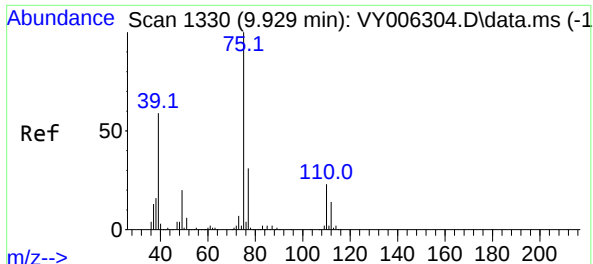
Tgt Ion: 63 Resp: 83931
Ion Ratio Lower Upper
63 100
112 4.3 3.1 4.7



#38
Bromodichloromethane
Concen: 25.576 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 83 Resp: 112724
Ion Ratio Lower Upper
83 100
85 62.0 44.1 81.9
127 8.0 6.9 10.3

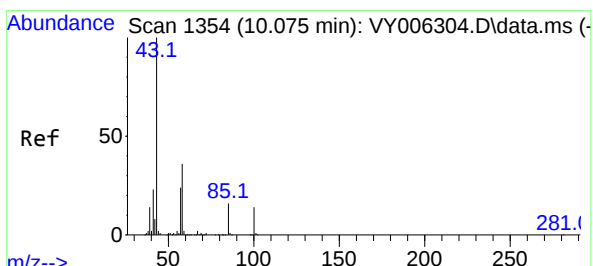
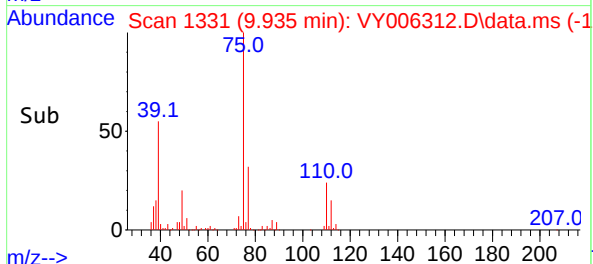
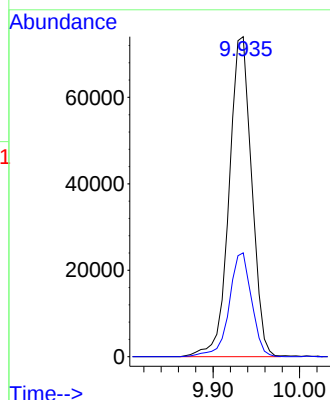
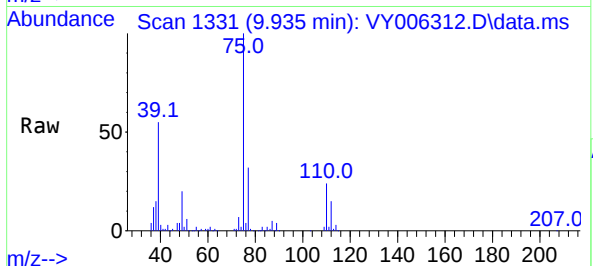




#39
cis-1,3-Dichloropropene
Concen: 26.292 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

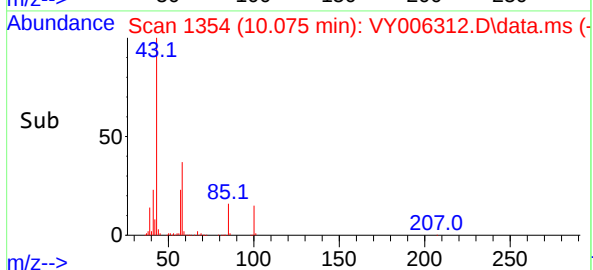
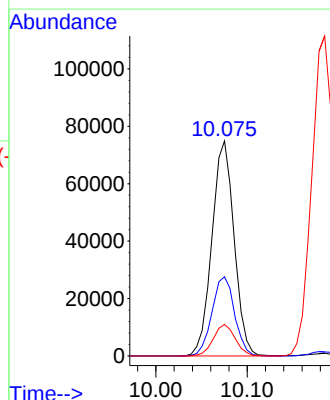
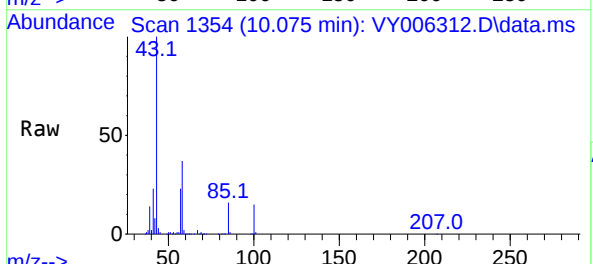
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

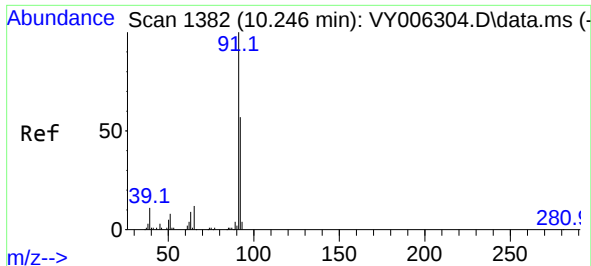
Tgt Ion: 75 Resp: 134202
Ion Ratio Lower Upper
75 100
77 32.5 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 49.108 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 43 Resp: 126503
Ion Ratio Lower Upper
43 100
58 37.4 28.5 42.7
100 14.5 10.4 15.6

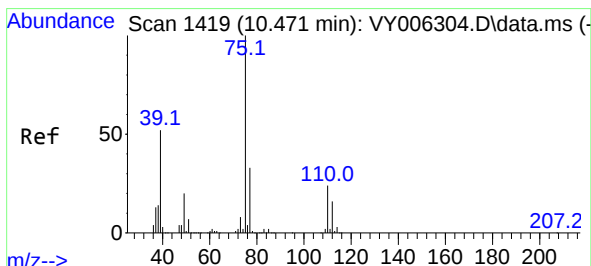
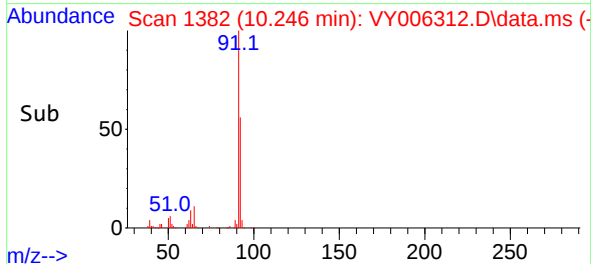
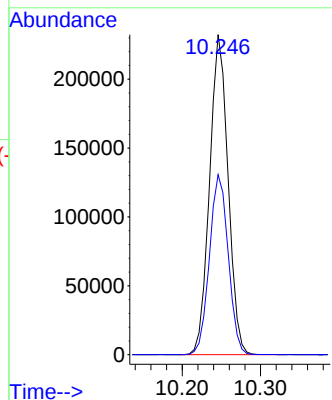
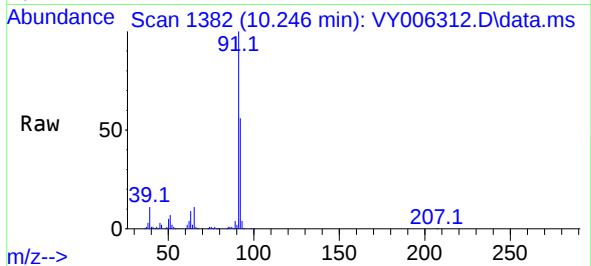




#42
Toluene
Concen: 26.223 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

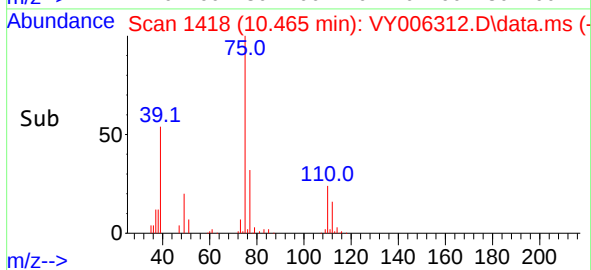
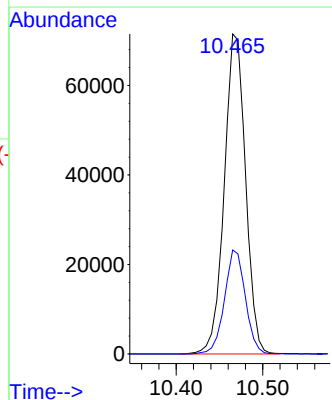
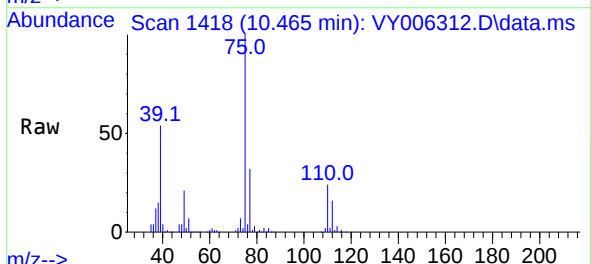
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

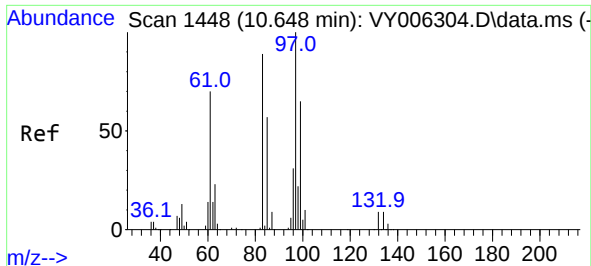
Tgt Ion: 91 Resp: 380553
Ion Ratio Lower Upper
91 100
92 56.3 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 25.369 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 75 Resp: 122253
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.4



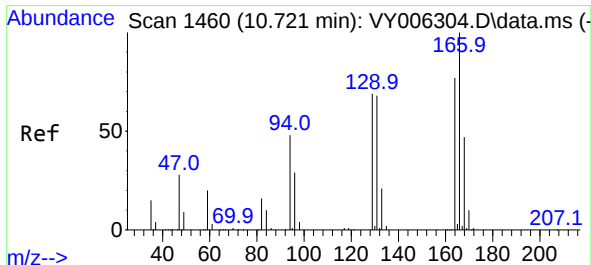
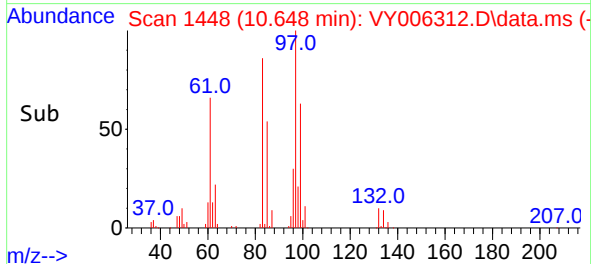
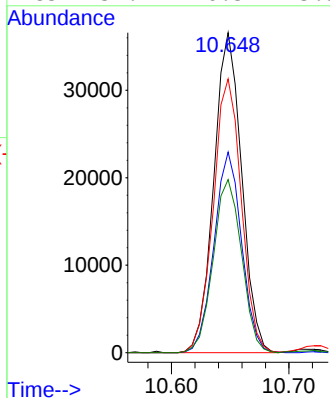
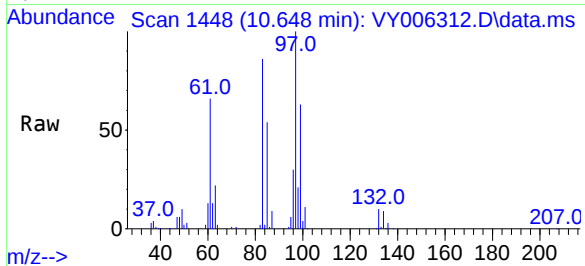


#45
1,1,2-Trichloroethane
Concen: 25.448 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

Tgt Ion: 97 Resp: 60367

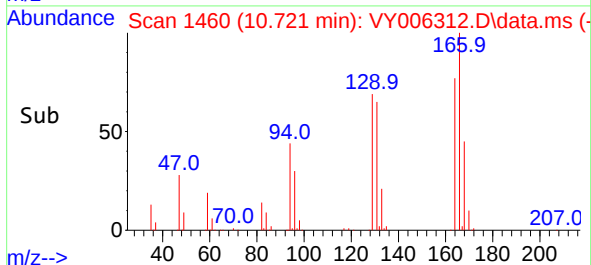
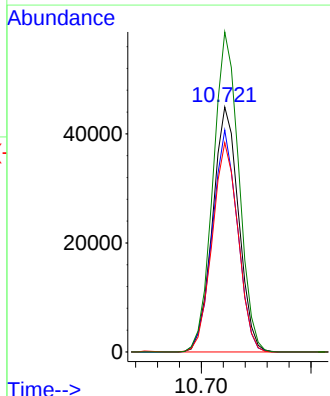
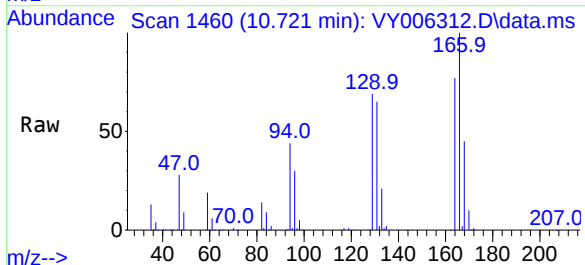
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.2	82.0
83	85.5	61.1	113.5
85	54.1	40.5	75.3

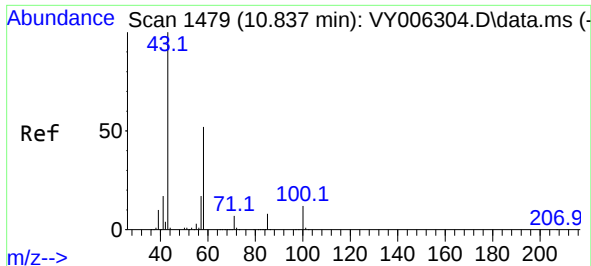


#46
Tetrachloroethene
Concen: 26.291 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 164 Resp: 73996

Ion	Ratio	Lower	Upper
164	100		
129	90.6	65.9	122.3
131	85.4	61.9	115.1
166	130.6	85.3	158.3

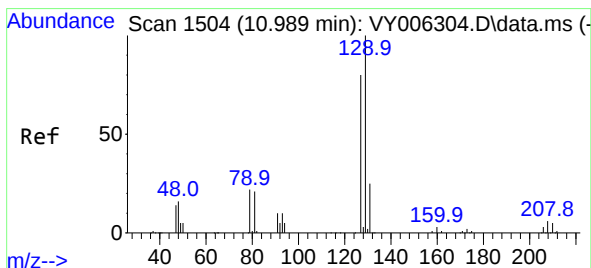
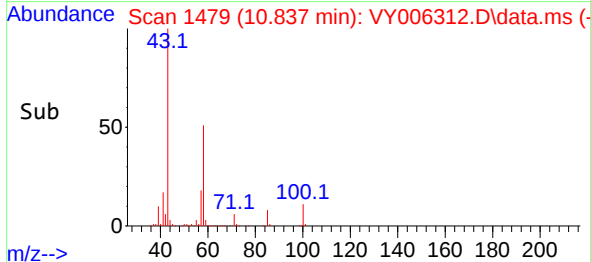
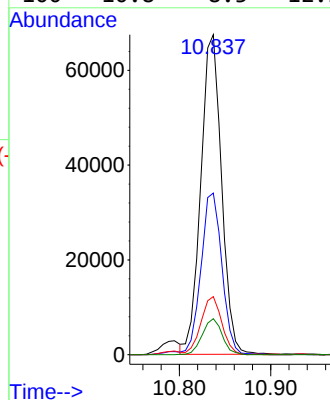
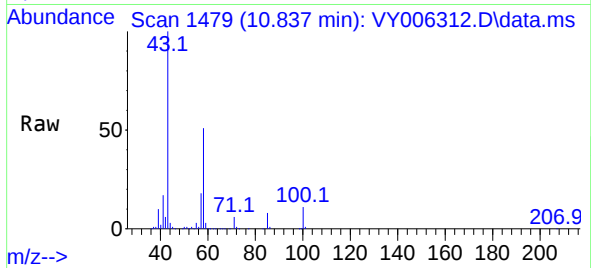




#48
2-Hexanone
Concen: 53.110 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

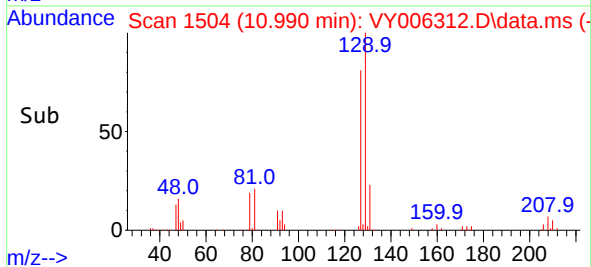
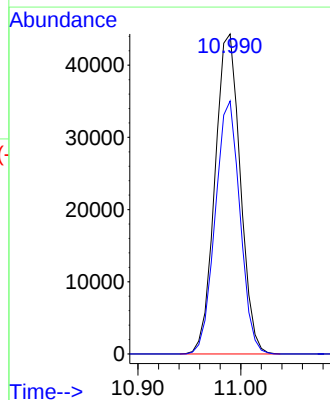
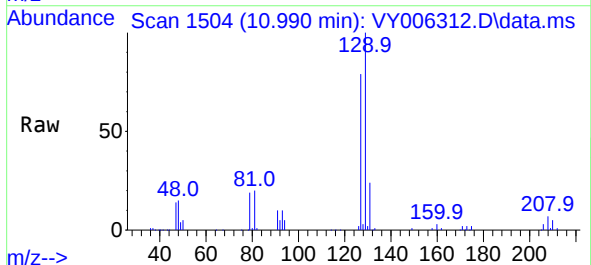
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

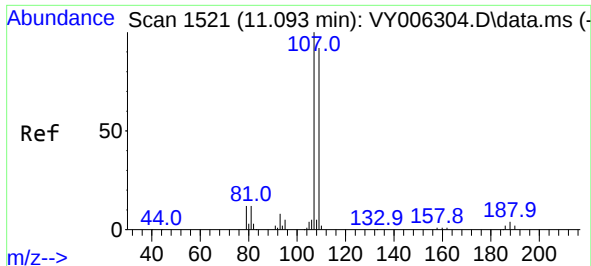
Tgt Ion: 43 Resp: 106751
Ion Ratio Lower Upper
43 100
58 50.2 41.1 61.7
57 18.2 13.8 20.6
100 10.8 8.3 12.5



#49
Dibromochloromethane
Concen: 25.438 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 129 Resp: 75771
Ion Ratio Lower Upper
129 100
127 79.0 52.8 98.0

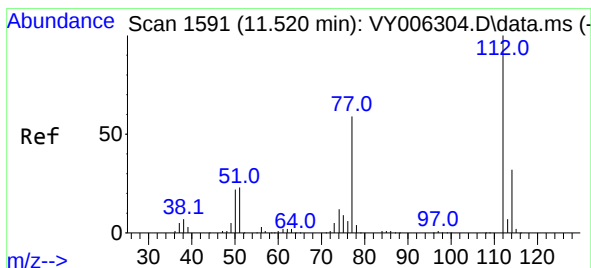
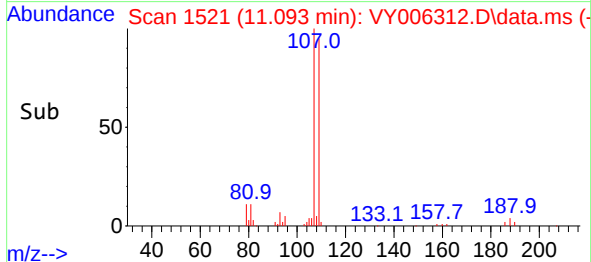
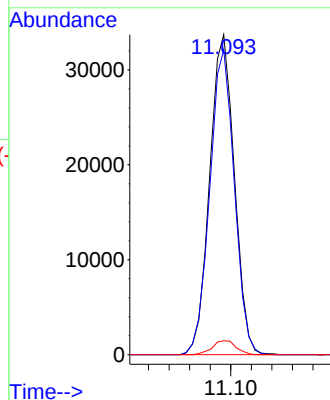
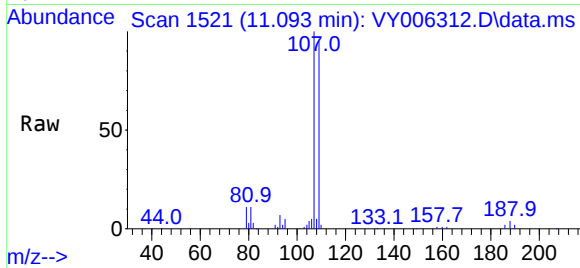




#50
1,2-Dibromoethane
Concen: 25.390 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

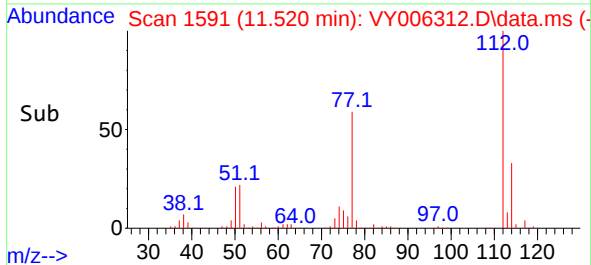
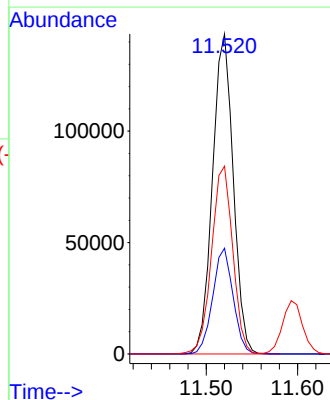
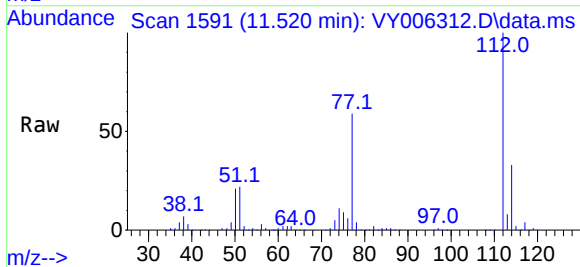
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

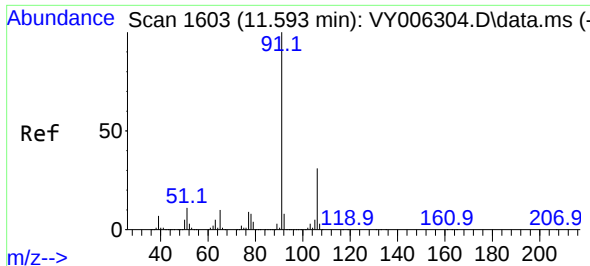
Tgt Ion:	107	Resp:	56170
Ion	Ratio	Lower	Upper
107	100		
109	95.3	65.7	121.9
188	4.4	2.8	4.2#



#51
Chlorobenzene
Concen: 25.720 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion:	112	Resp:	226061
Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.3	41.5
77	58.7	46.5	69.7

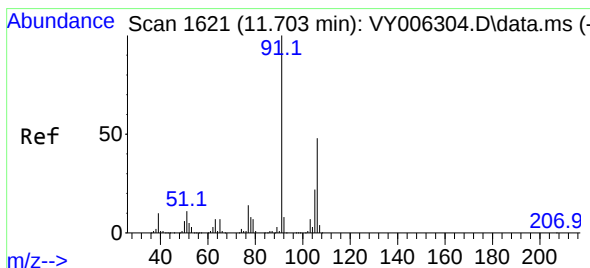
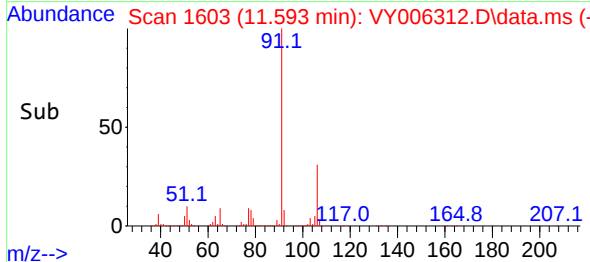
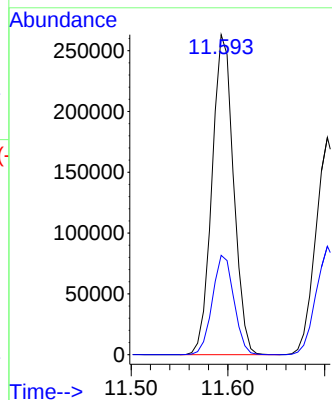
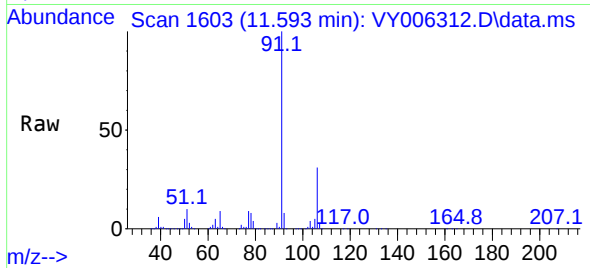




#52
Ethylbenzene
Concen: 26.282 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

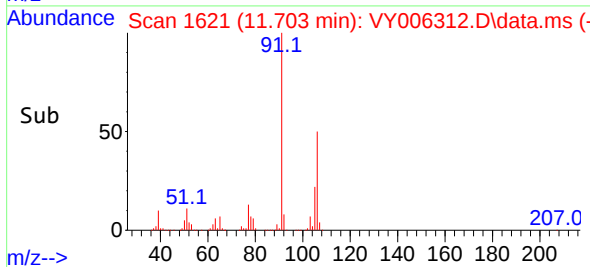
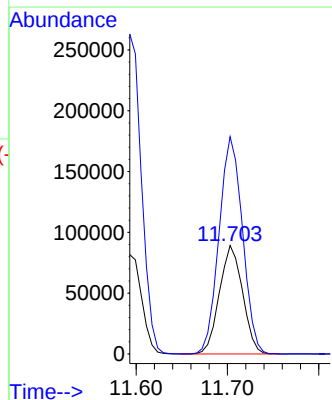
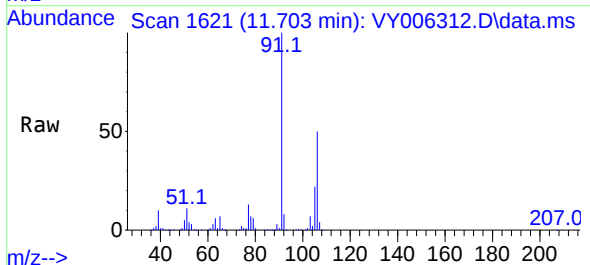
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

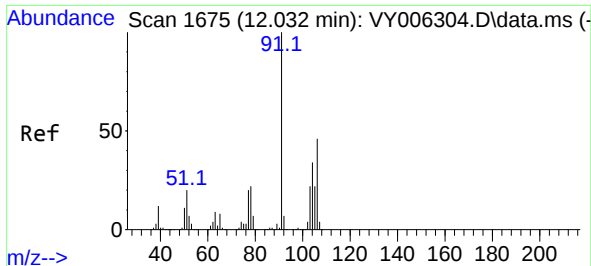
Tgt Ion: 91 Resp: 406781
Ion Ratio Lower Upper
91 100
106 31.0 21.2 39.4



#53
m,p-Xylene
Concen: 26.520 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 106 Resp: 157158
Ion Ratio Lower Upper
106 100
91 200.4 145.7 270.5

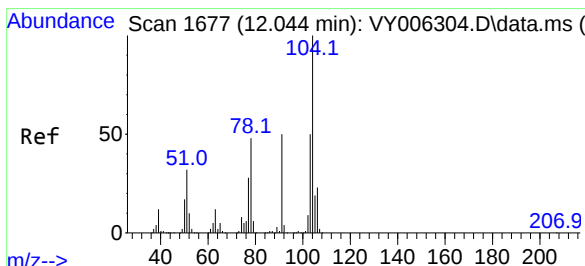
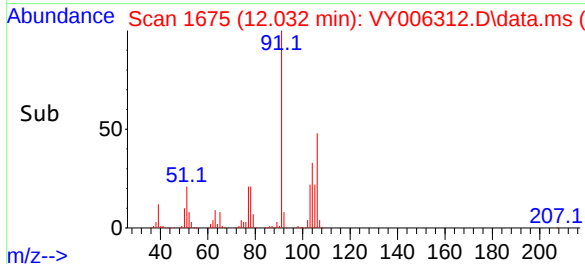
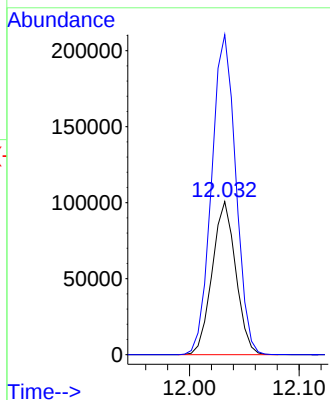
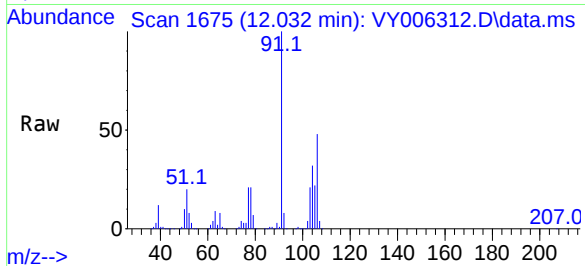




#54
o-Xylene
Concen: 26.545 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

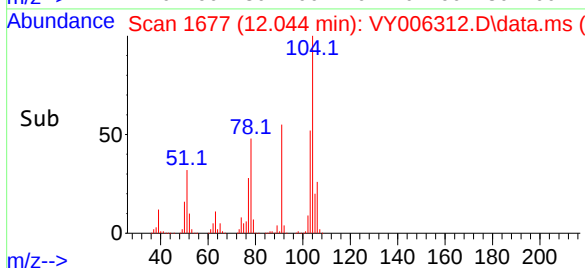
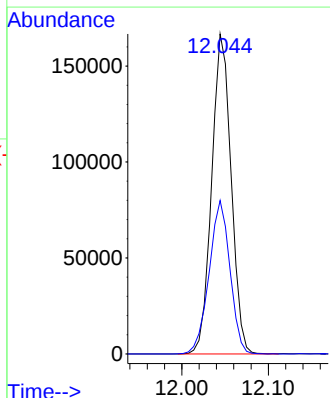
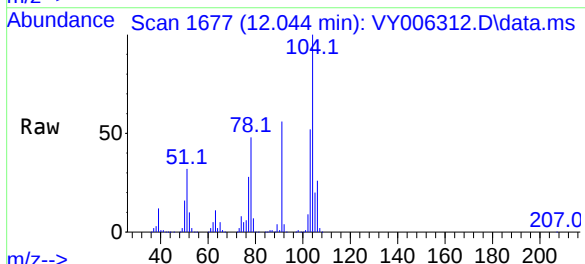
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

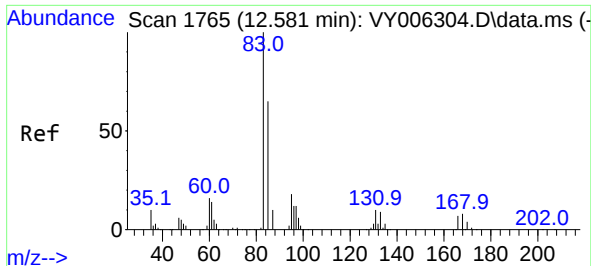
Tgt Ion:106 Resp: 150734
Ion Ratio Lower Upper
106 100
91 209.0 150.6 279.6



#55
Styrene
Concen: 26.262 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion:104 Resp: 259975
Ion Ratio Lower Upper
104 100
78 47.9 31.8 59.0

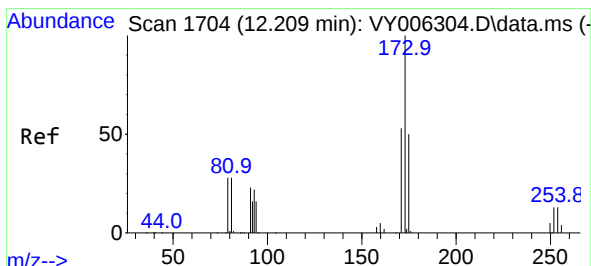
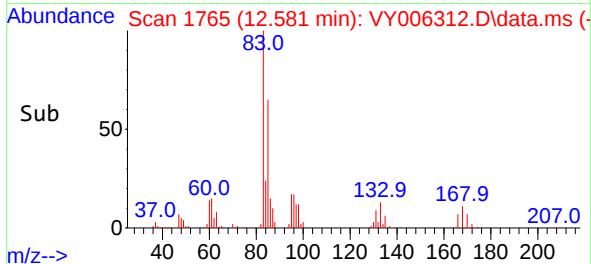
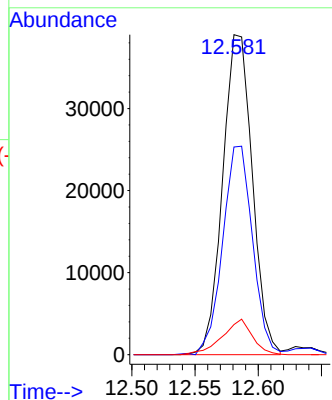
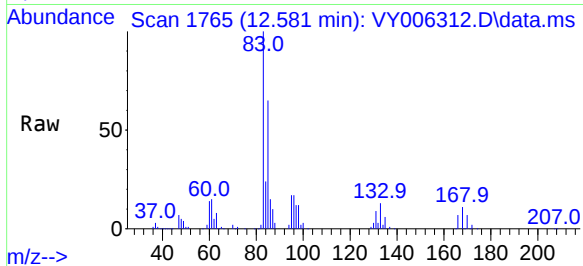




#57
1,1,2,2-Tetrachloroethane
Concen: 24.575 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

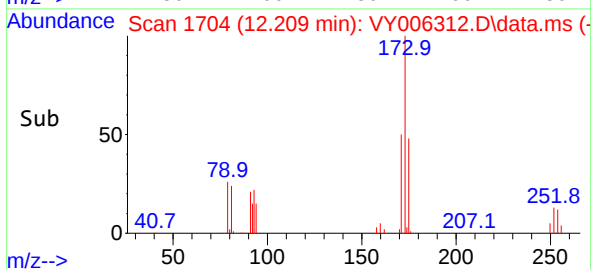
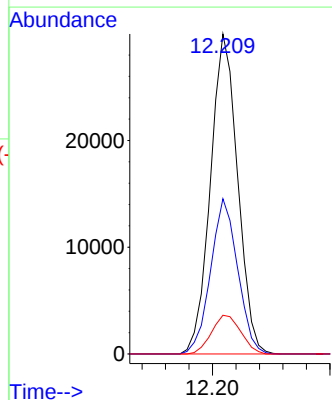
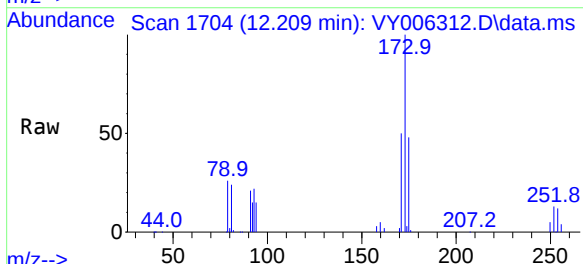
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

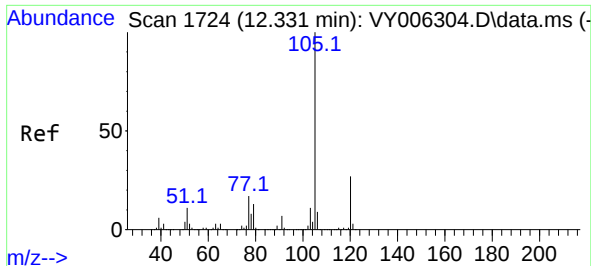
Tgt Ion:	83	Resp:	63568
Ion	Ratio	Lower	Upper
83	100		
85	64.9	45.0	83.6
131	9.4	6.9	10.3



#59
Bromoform
Concen: 25.182 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion:	173	Resp:	48210
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.8	58.2
254	13.0	7.3	10.9

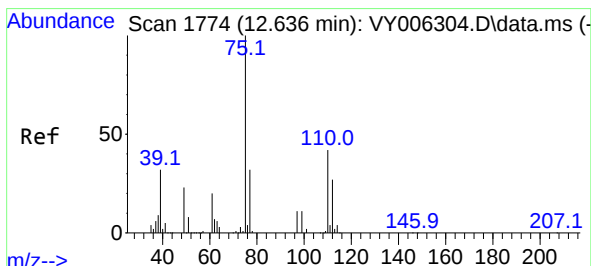
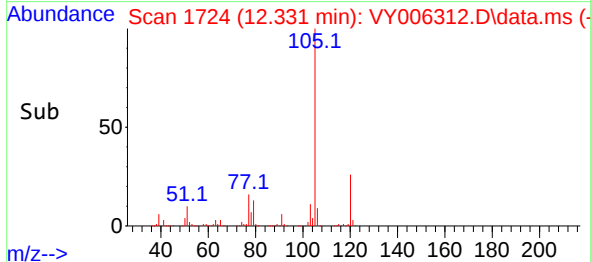
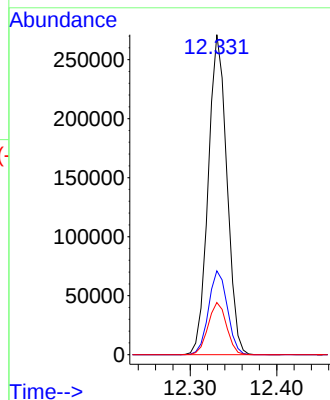
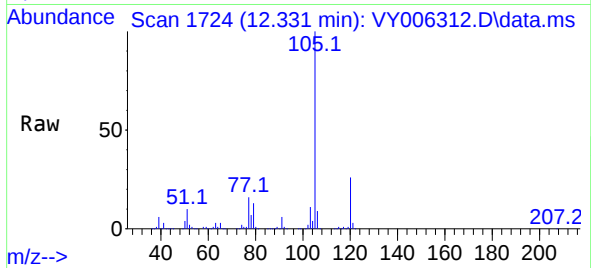




#60
Isopropylbenzene
Concen: 26.444 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

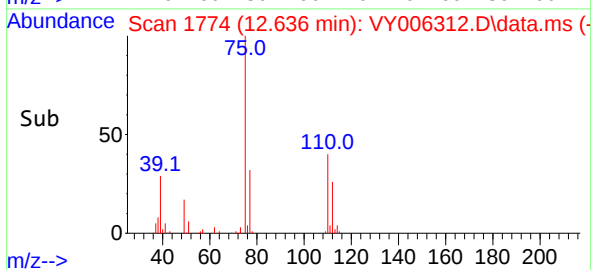
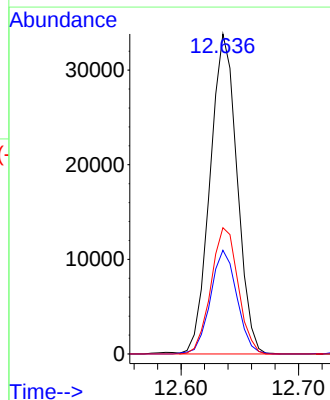
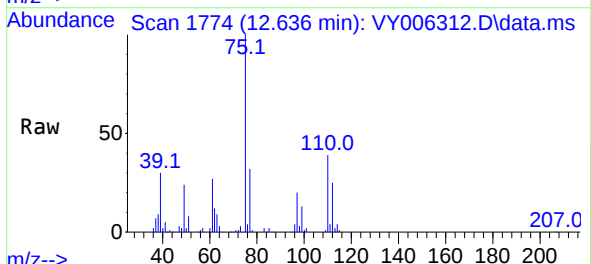
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

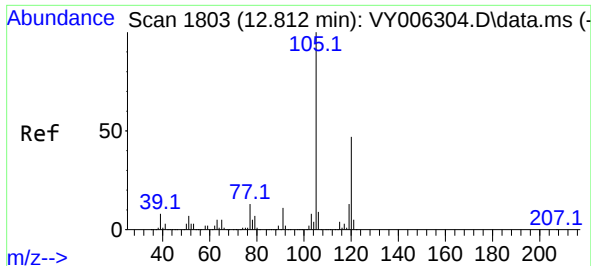
Tgt Ion:105 Resp: 404972
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 16.2 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 24.283 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion: 75 Resp: 54044
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
110 39.5 30.8 46.2

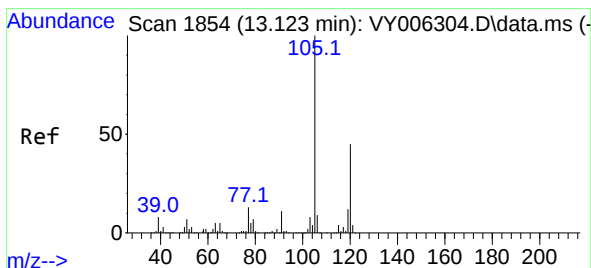
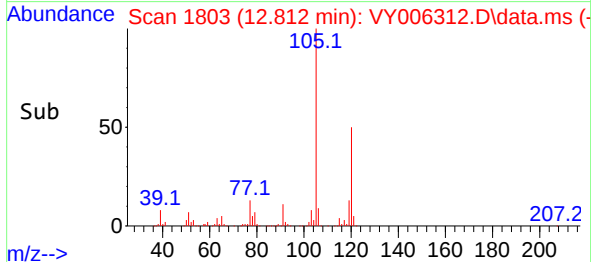
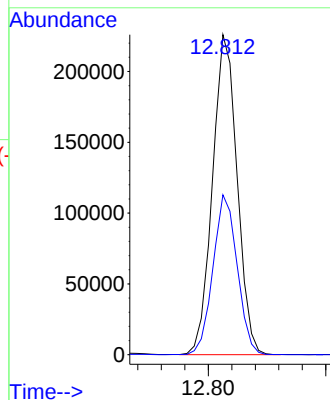
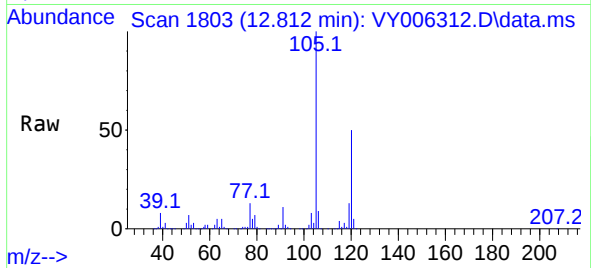




#62
1,3,5-Trimethylbenzene
Concen: 26.385 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

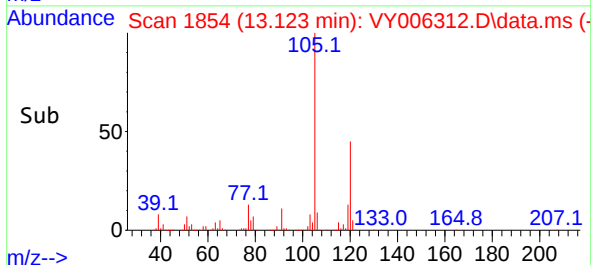
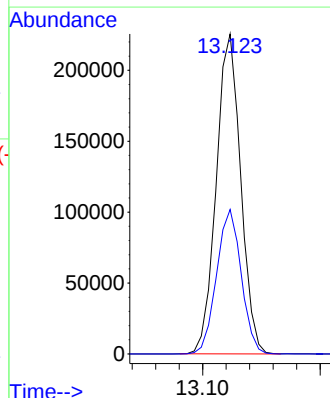
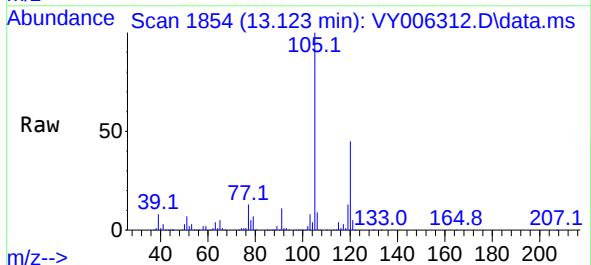
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

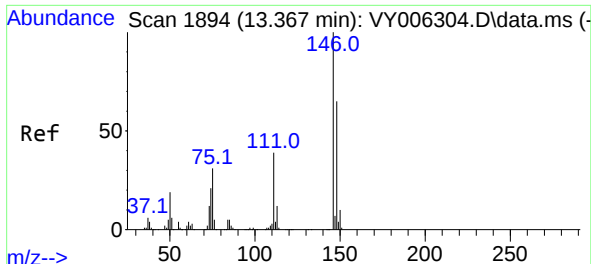
Tgt Ion:105 Resp: 329081
Ion Ratio Lower Upper
105 100
120 49.1 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 26.451 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion:105 Resp: 325583
Ion Ratio Lower Upper
105 100
120 45.5 36.2 54.4

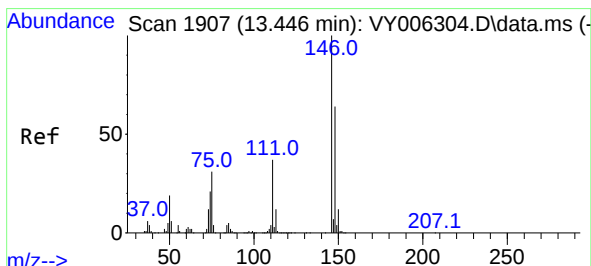
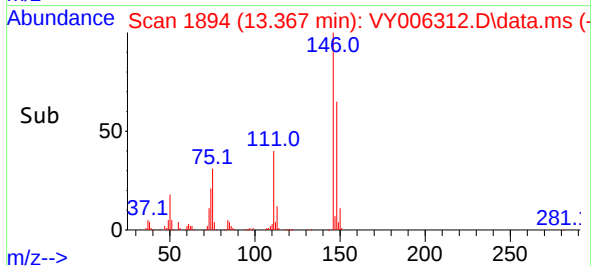
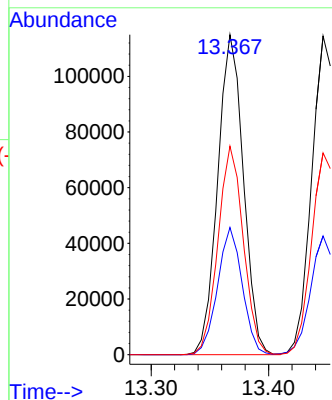
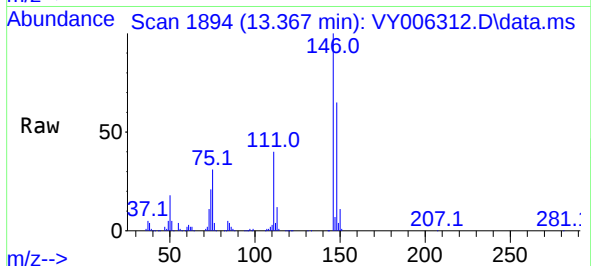




#64
1,3-Dichlorobenzene
Concen: 25.507 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

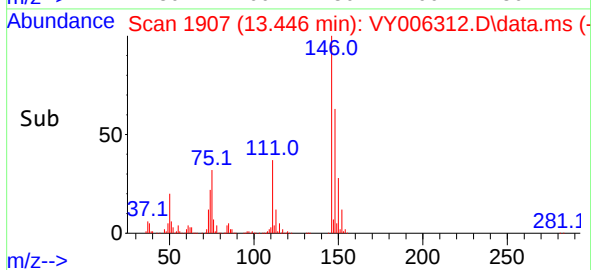
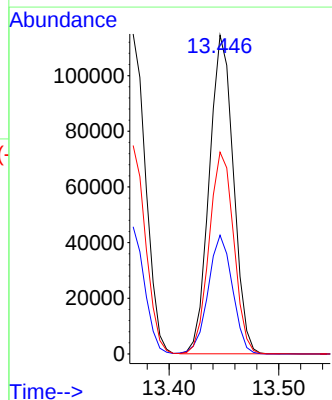
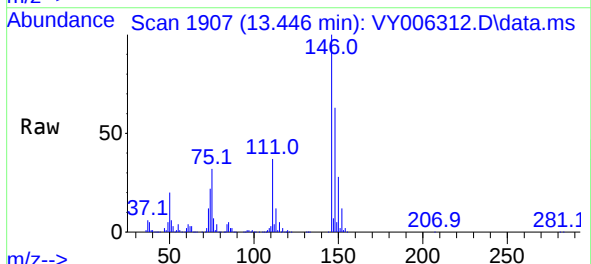
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

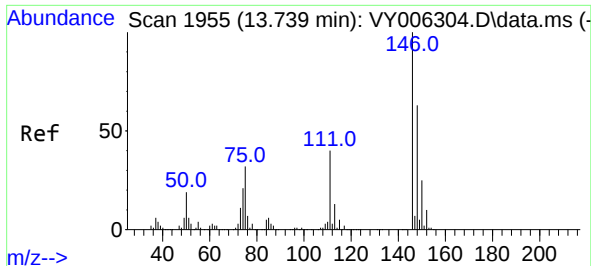
Tgt Ion:146 Resp: 175081
Ion Ratio Lower Upper
146 100
111 39.8 27.4 51.0
148 65.1 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 25.449 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion:146 Resp: 175646
Ion Ratio Lower Upper
146 100
111 37.2 26.4 49.0
148 63.3 44.3 82.3

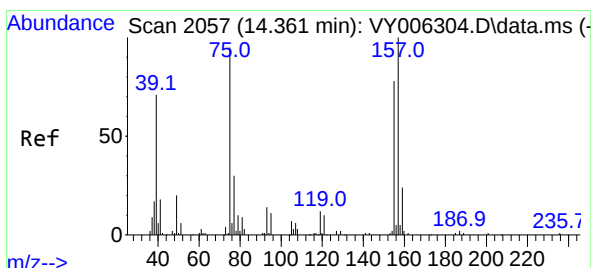
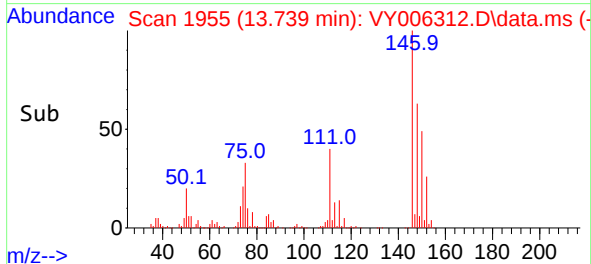
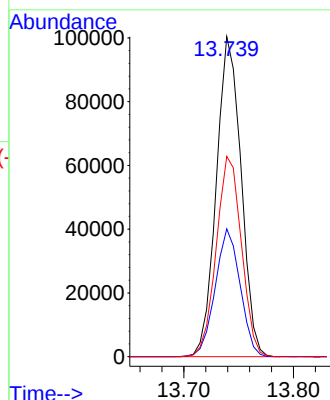
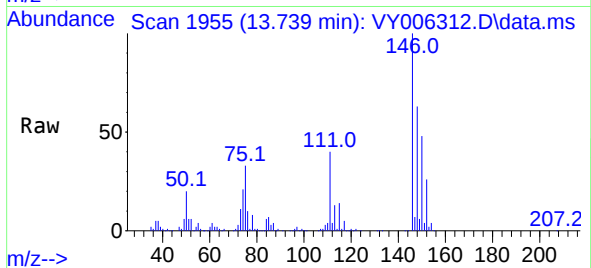




#67
1,2-Dichlorobenzene
Concen: 25.267 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

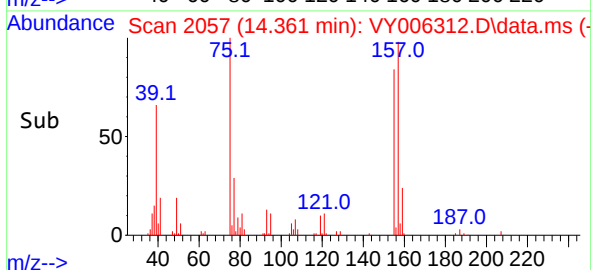
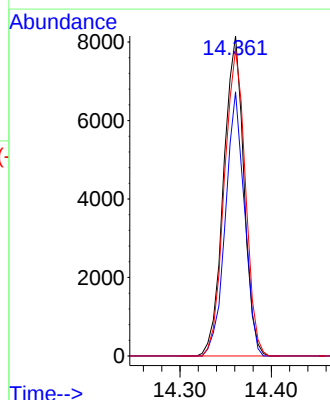
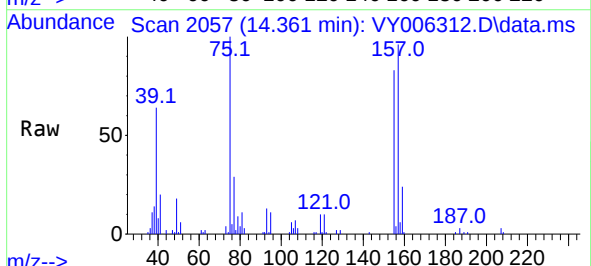
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

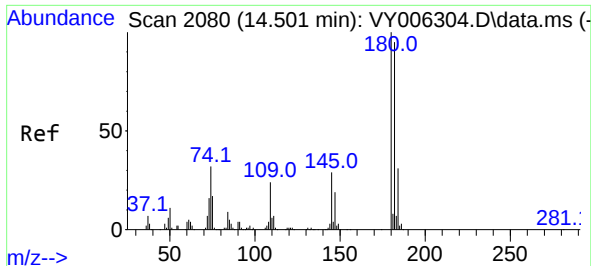
Tgt Ion:	146	Resp:	157606
Ion	Ratio	Lower	Upper
146	100		
111	39.9	33.9	50.9
148	62.6	49.7	74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 23.420 ug/L
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion:	75	Resp:	12559
Ion	Ratio	Lower	Upper
75	100		
155	82.6	64.5	96.7
157	95.9	77.4	116.2

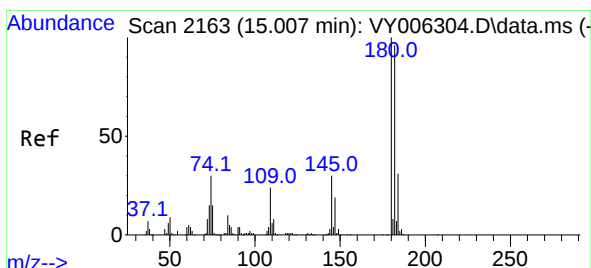
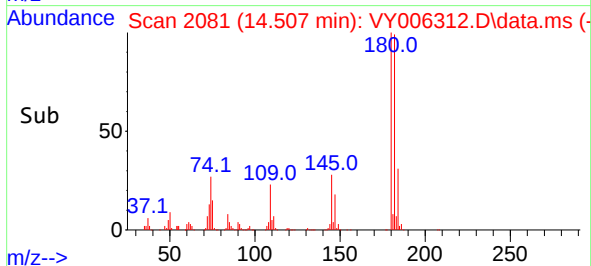
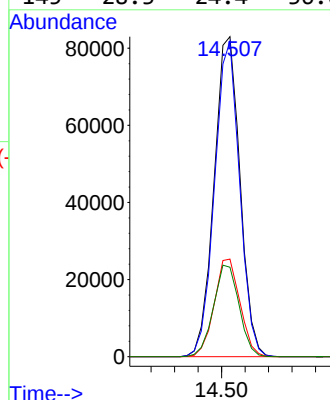
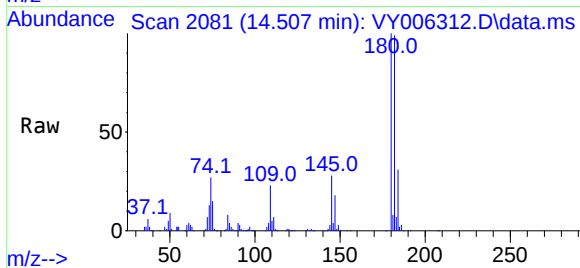




#69
1,3,5-Trichlorobenzene
Concen: 26.178 ug/L
RT: 14.507 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

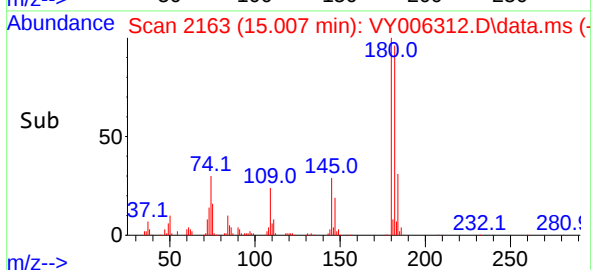
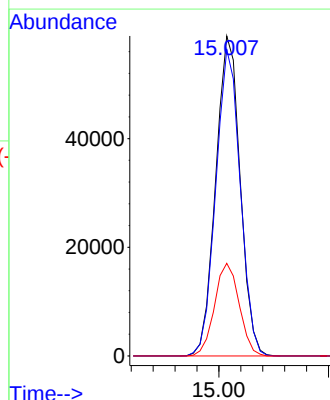
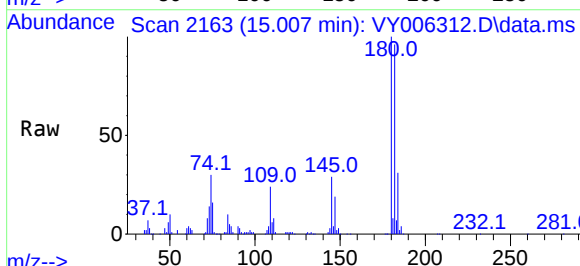
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

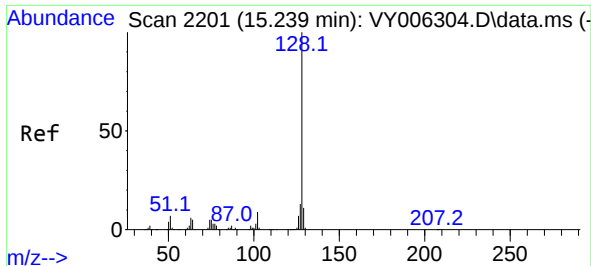
Tgt Ion:	180	Resp:	127068
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.1	114.1
184	30.3	24.6	36.8
145	28.3	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 23.201 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion:	180	Resp:	91053
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	29.2	25.0	37.6



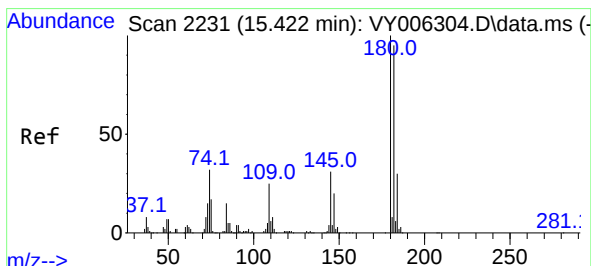
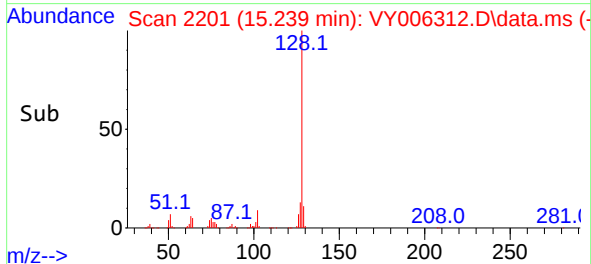
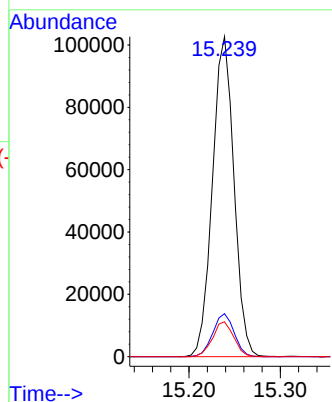
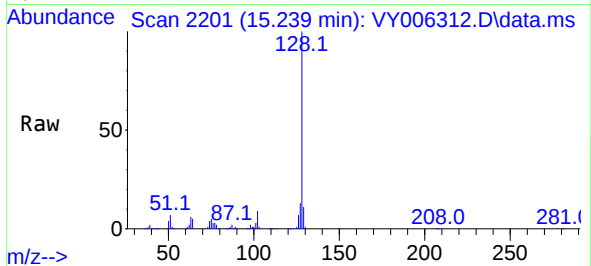


#71
Naphthalene
Concen: 21.862 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025887

Tgt Ion:128 Resp: 167601

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.8	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 23.213 ug/L
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY006312.D
Acq: 06 Oct 2021 09:05

Tgt Ion:180 Resp: 79152

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.2	114.2
145	30.1	25.8	38.8

