

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100921\
 Data File : VY006349.D
 Acq On : 08 Oct 2021 09:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025891

Quant Time: Oct 09 00:32:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 08 00:53:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	200739	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	193723	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	104819	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	69295	19.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.440%
7) Chloroethane-d5	2.772	69	54168	20.974	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.880%
11) 1,1-Dichloroethene-d2	3.863	63	120731	21.163	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.640%
21) 2-Butanone-d5	6.893	46	51228	55.070	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.140%
24) Chloroform-d	7.484	84	116041	22.948	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	8.149	65	78642	23.678	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.720%
32) Benzene-d6	8.118	84	230824	21.654	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	9.124	67	70281	22.466	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.880%
41) Toluene-d8	10.179	98	220160	21.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.720%
43) trans-1,3-Dichloroprop...	10.441	79	36721	22.563	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.240%
47) 2-Hexanone-d5	10.788	63	39267	56.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.520%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	64153	26.262	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.040%
66) 1,2-Dichlorobenzene-d4	13.727	152	79466	21.978	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	89402	23.822	ug/L	99
3) Chloromethane	2.119	50	86803	23.642	ug/L	99
5) Vinyl chloride	2.259	62	102097	23.770	ug/L	98
6) Bromomethane	2.662	94	48587	24.939	ug/L	100
8) Chloroethane	2.802	64	60057	24.708	ug/L	98
9) Trichlorofluoromethane	3.137	101	131945	24.861	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	64889	24.208	ug/L	94
12) 1,1-Dichloroethene	3.881	96	63017	24.359	ug/L	89
13) Acetone	3.954	43	70763	66.583	ug/L	97
14) Carbon disulfide	4.204	76	218324	23.318	ug/L	100
15) Methyl Acetate	4.485	43	47788	28.797	ug/L	98
16) Methylene chloride	4.722	84	75278	21.267	ug/L	93
17) trans-1,2-Dichloroethene	5.228	96	70011	25.762	ug/L	96
18) Methyl tert-butyl Ether	5.228	73	197216	27.743	ug/L	97
19) 1,1-Dichloroethane	6.021	63	127355	25.854	ug/L	97
20) cis-1,2-Dichloroethene	6.990	96	74795	26.257	ug/L	100
22) 2-Butanone	6.990	43	76694	64.832	ug/L	98
23) Bromochloromethane	7.344	128	35468	27.385	ug/L	87
25) Chloroform	7.515	83	140359	26.019	ug/L	99

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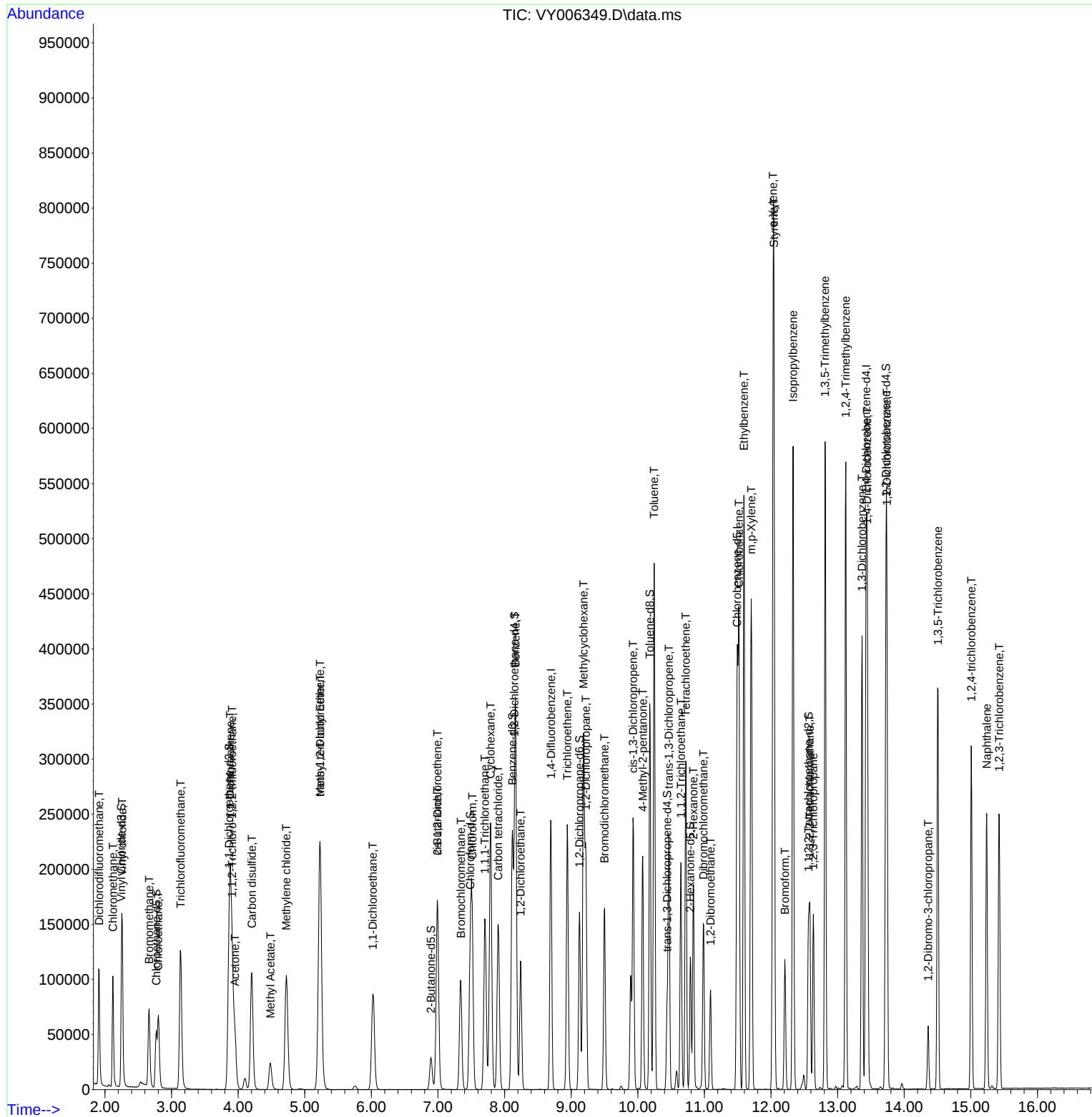
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	106463	27.761	ug/L	96
29) Cyclohexane	7.789	56	121028	24.283	ug/L	96
30) 1,1,1-Trichloroethane	7.704	97	126988	25.818	ug/L	98
31) Carbon tetrachloride	7.905	117	114558	25.736	ug/L	100
33) Benzene	8.167	78	301836	25.516	ug/L	100
34) Trichloroethene	8.941	95	76266	25.378	ug/L	98
35) Methylcyclohexane	9.185	83	127041	24.204	ug/L	100
37) 1,2-Dichloropropane	9.222	63	73177	25.852	ug/L	99
38) Bromodichloromethane	9.502	83	103057	26.530	ug/L	99
39) cis-1,3-Dichloropropene	9.929	75	120660	26.821	ug/L	100
40) 4-Methyl-2-pentanone	10.075	43	139639	61.504	ug/L	98
42) Toluene	10.246	91	331520	25.919	ug/L	98
44) trans-1,3-Dichloropropene	10.465	75	116180	27.354	ug/L	99
45) 1,1,2-Trichloroethane	10.648	97	58713	28.082	ug/L	97
46) Tetrachloroethene	10.721	164	62476	25.186	ug/L	95
48) 2-Hexanone	10.837	43	116602	65.819	ug/L	98
49) Dibromochloromethane	10.983	129	74172	28.253	ug/L	99
50) 1,2-Dibromoethane	11.093	107	55106	28.262	ug/L #	99
51) Chlorobenzene	11.520	112	200748	25.915	ug/L	99
52) Ethylbenzene	11.593	91	351108	25.738	ug/L	100
53) m,p-Xylene	11.703	106	134010	25.658	ug/L	98
54) o-Xylene	12.032	106	131113	26.197	ug/L	99
55) Styrene	12.044	104	231448	26.527	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.581	83	65338	28.659	ug/L	97
59) Bromoform	12.209	173	48944	27.670	ug/L #	97
60) Isopropylbenzene	12.331	105	347087	24.529	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	57312	27.870	ug/L	98
62) 1,3,5-Trimethylbenzene	12.812	105	288200	25.009	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	283624	24.939	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	156538	24.683	ug/L	98
65) 1,4-Dichlorobenzene	13.446	146	159304	24.981	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	145722	25.284	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.361	75	13892	28.038	ug/L	95
69) 1,3,5-Trichlorobenzene	14.507	180	111911	24.952	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	92577	25.530	ug/L	98
71) Naphthalene	15.239	128	200382	28.289	ug/L	99
72) 1,2,3-Trichlorobenzene	15.428	180	83858	26.617	ug/L	99

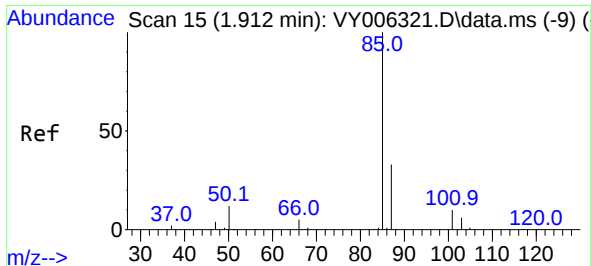
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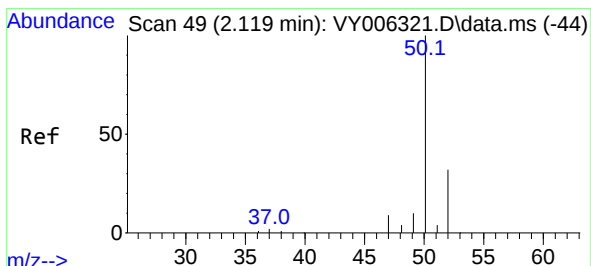
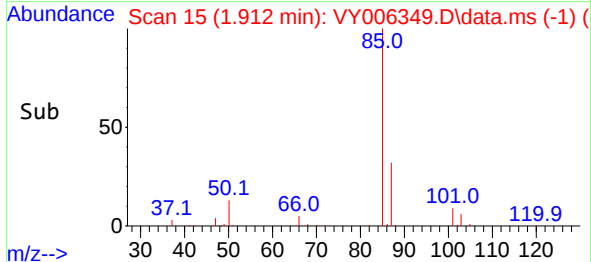
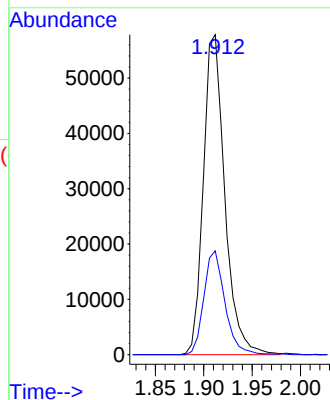
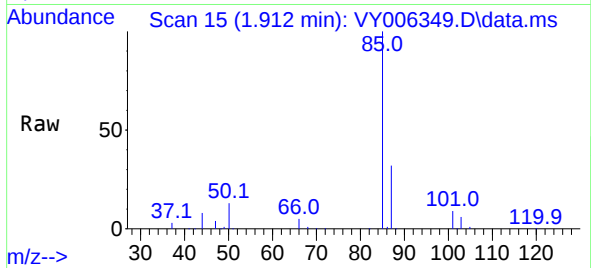




#2
Dichlorodifluoromethane
Concen: 23.822 ug/L
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

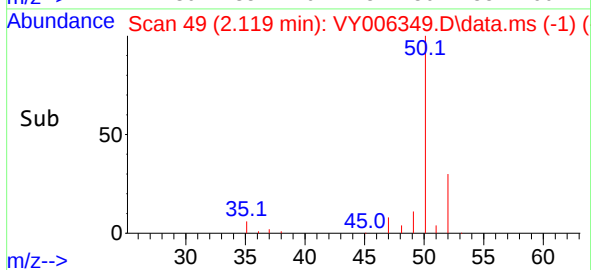
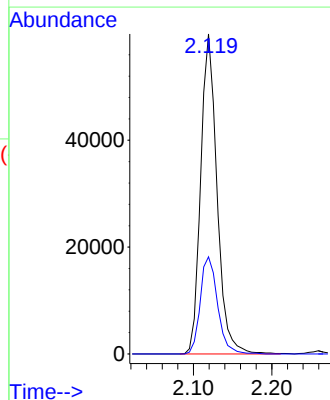
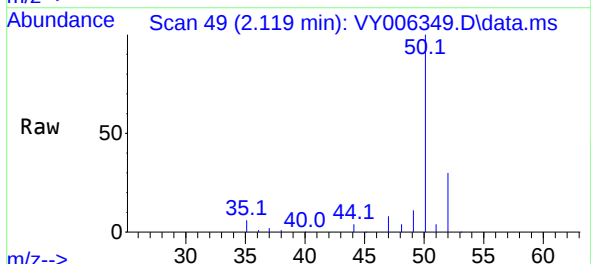
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

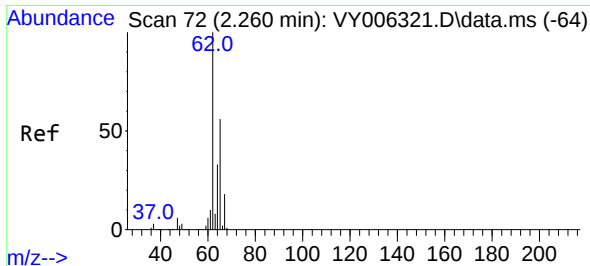
Tgt Ion: 85 Resp: 89402
Ion Ratio Lower Upper
85 100
87 31.9 26.2 39.2



#3
Chloromethane
Concen: 23.642 ug/L
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 50 Resp: 86803
Ion Ratio Lower Upper
50 100
52 30.3 21.8 40.4

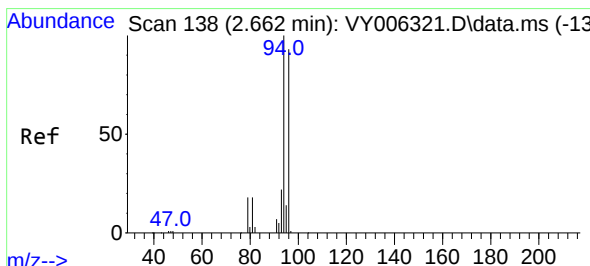
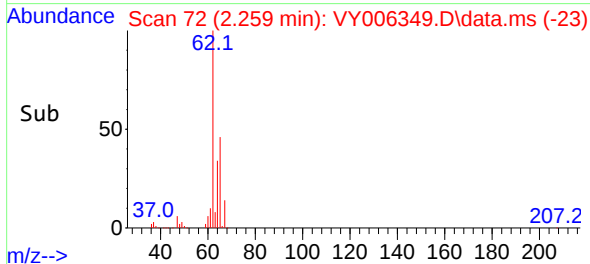
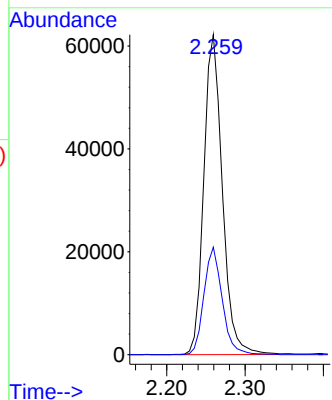
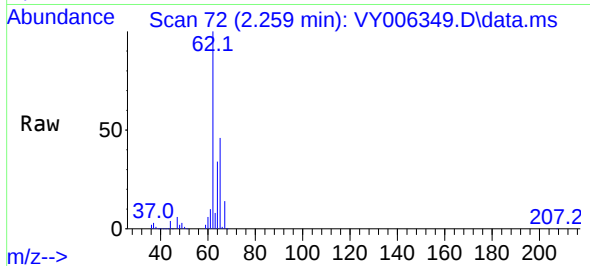




#5
 Vinyl chloride
 Concen: 23.770 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VY006349.D
 Acq: 08 Oct 2021 09:18

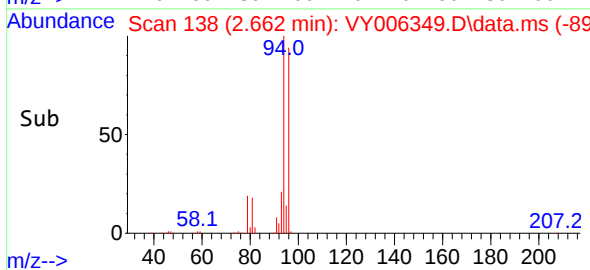
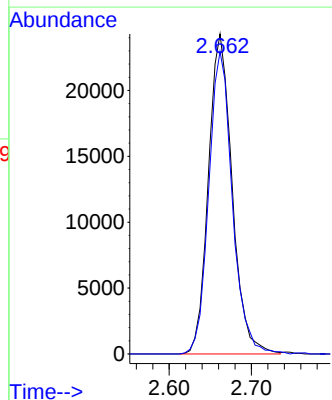
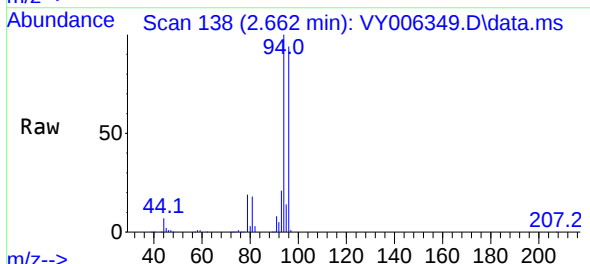
Instrument :
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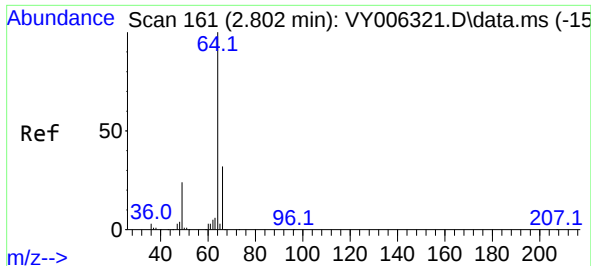
Tgt Ion: 62 Resp: 102097
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.8 42.4



#6
 Bromomethane
 Concen: 24.939 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY006349.D
 Acq: 08 Oct 2021 09:18

Tgt Ion: 94 Resp: 48587
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.9 122.5

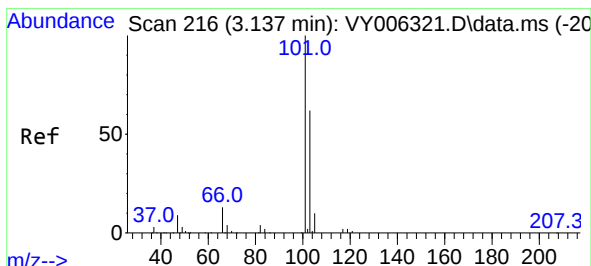
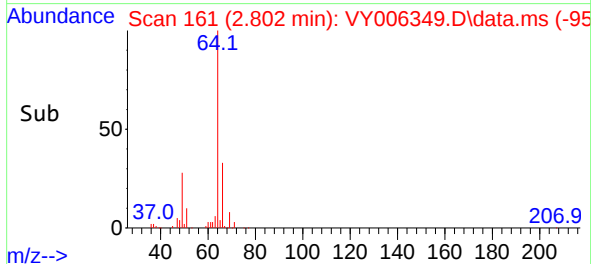
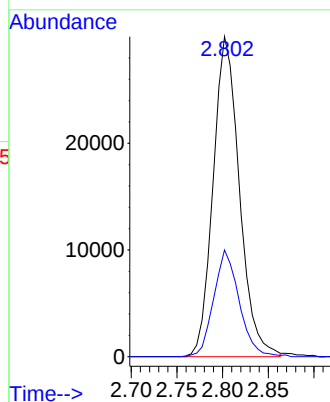
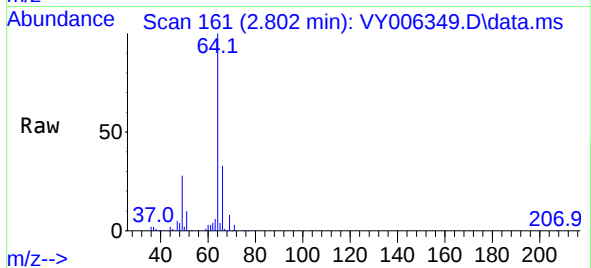




#8
Chloroethane
Concen: 24.708 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

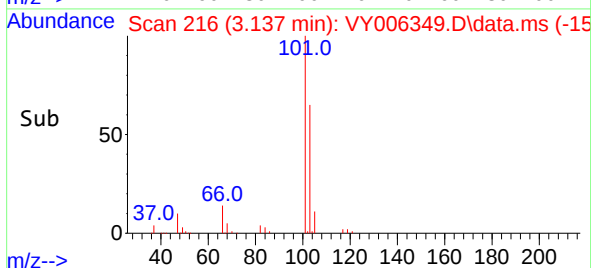
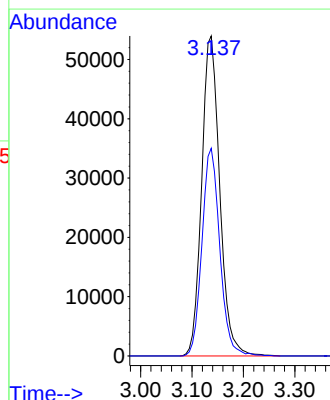
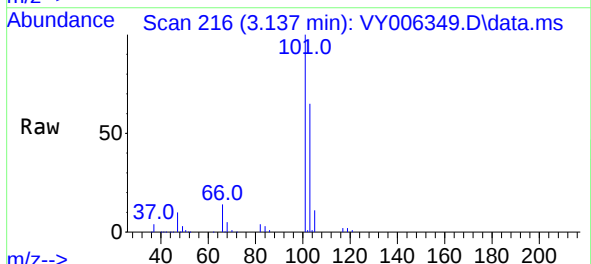
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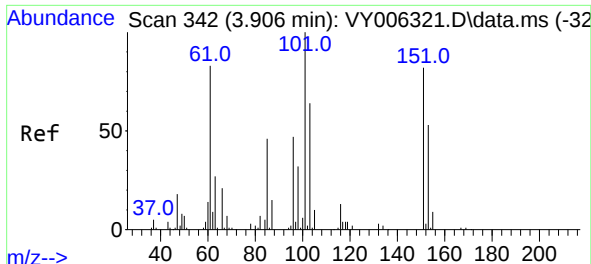
Tgt Ion: 64 Resp: 60057
Ion Ratio Lower Upper
64 100
66 33.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 24.861 ug/L
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion:101 Resp: 131945
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

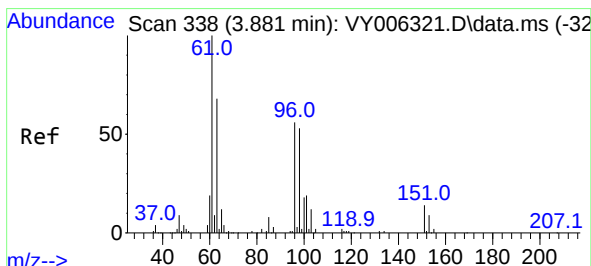
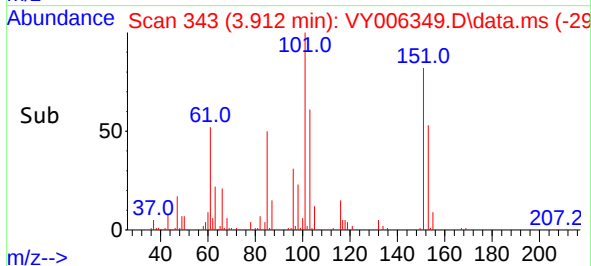
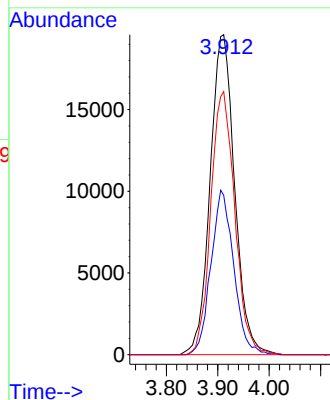
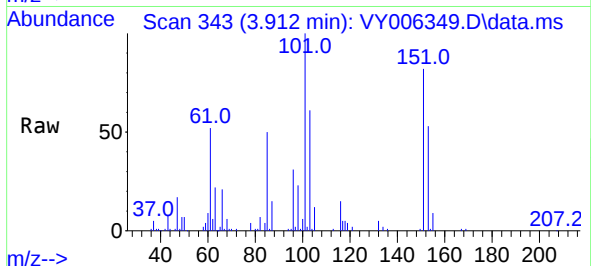




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.208 ug/L
RT: 3.912 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

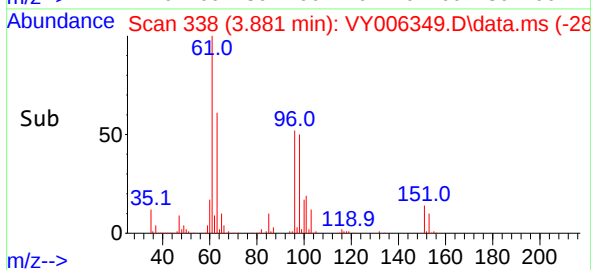
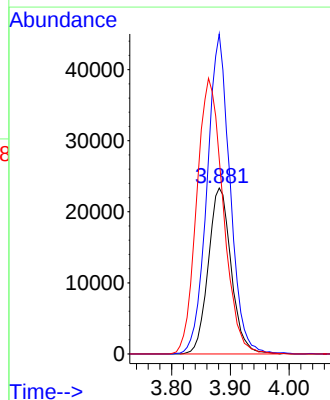
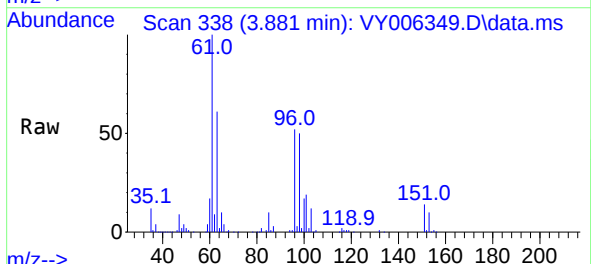
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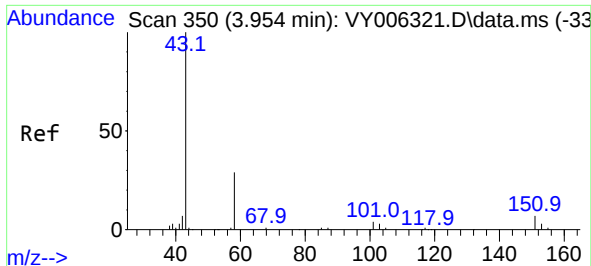
Tgt Ion:101 Resp: 64889
Ion Ratio Lower Upper
101 100
85 47.8 36.6 54.8
151 80.8 59.0 88.4



#12
1,1-Dichloroethene
Concen: 24.359 ug/L
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 96 Resp: 63017
Ion Ratio Lower Upper
96 100
61 192.9 121.2 225.2
63 117.6 86.9 161.3





#13

Acetone

Concen: 66.583 ug/L

RT: 3.954 min Scan# 350

Delta R.T. -0.000 min

Lab File: VY006349.D

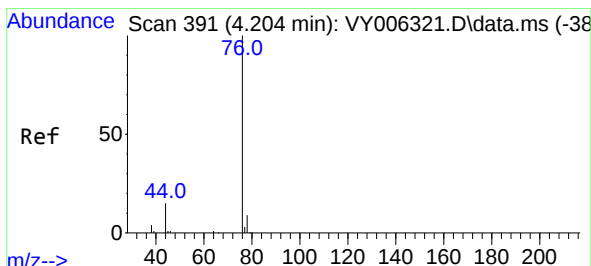
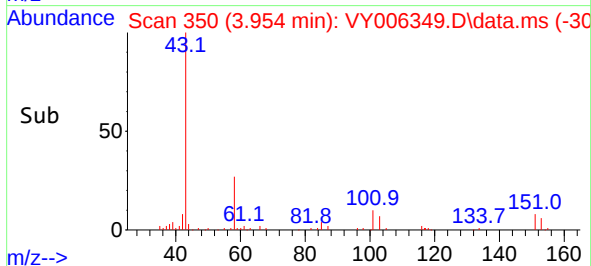
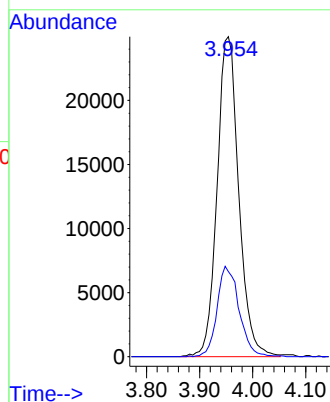
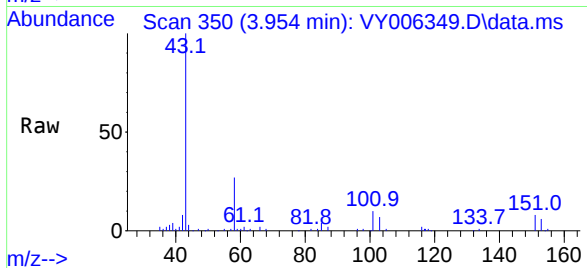
Acq: 08 Oct 2021 09:18

Tgt Ion: 43 Resp: 70763

Ion Ratio Lower Upper

43 100

58 28.7 0.0 61.0



#14

Carbon disulfide

Concen: 23.318 ug/L

RT: 4.204 min Scan# 391

Delta R.T. -0.000 min

Lab File: VY006349.D

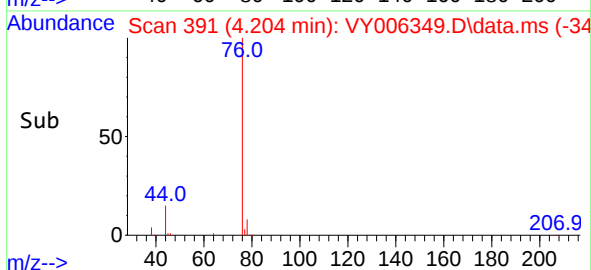
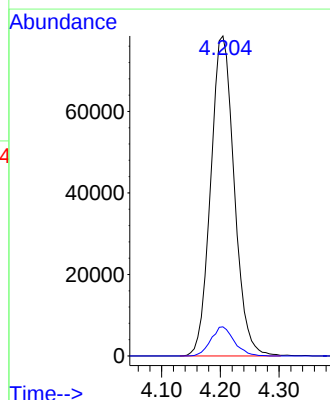
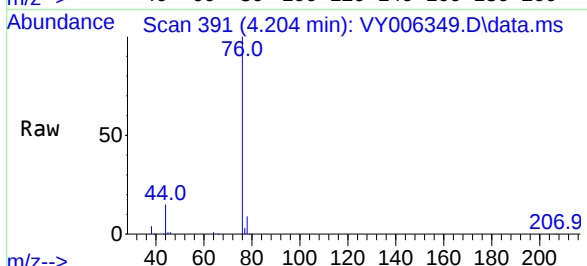
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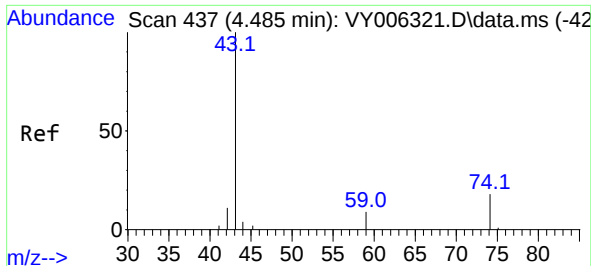
Tgt Ion: 76 Resp: 218324

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

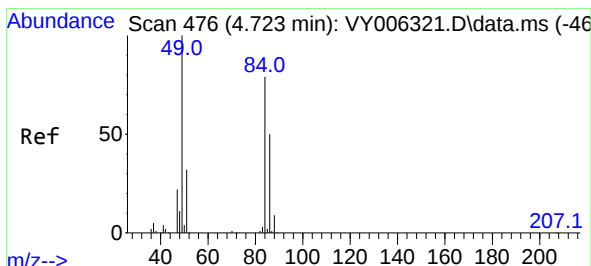
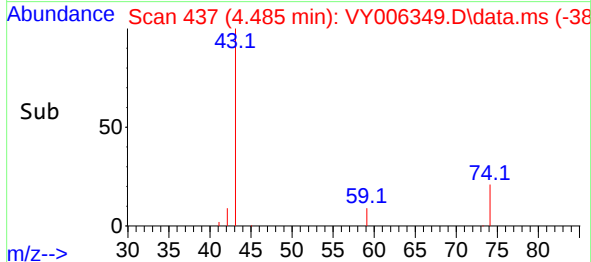
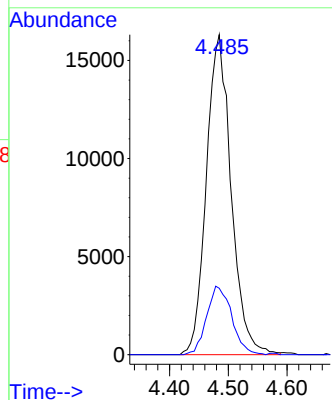
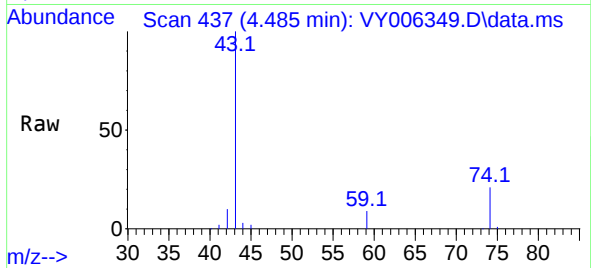




#15
Methyl Acetate
Concen: 28.797 ug/L
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

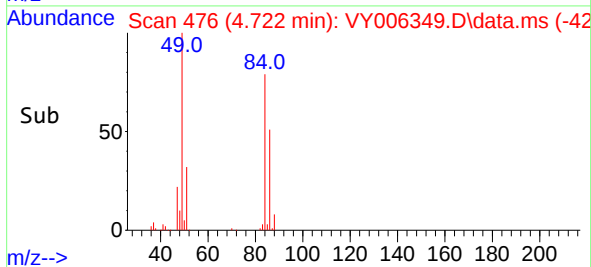
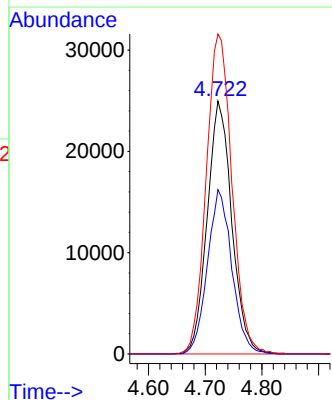
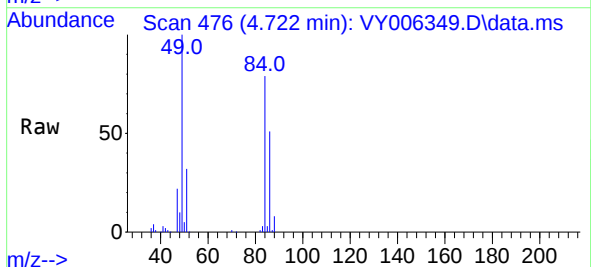
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

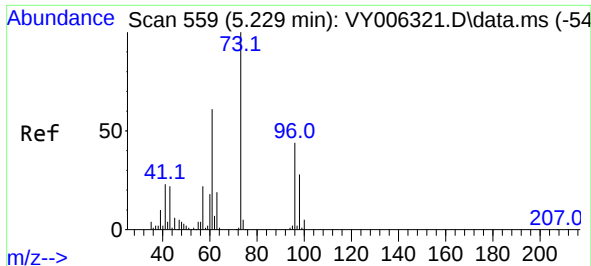
Tgt Ion: 43 Resp: 47788
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1



#16
Methylene chloride
Concen: 21.267 ug/L
RT: 4.722 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 84 Resp: 75278
Ion Ratio Lower Upper
84 100
86 65.0 43.2 80.2
49 126.6 96.0 178.4



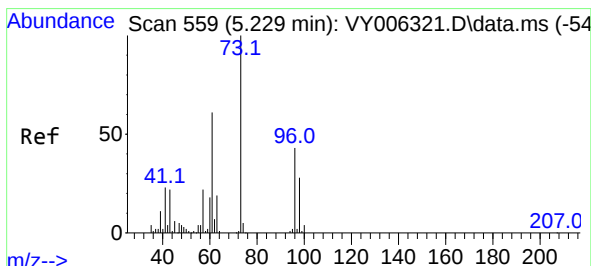
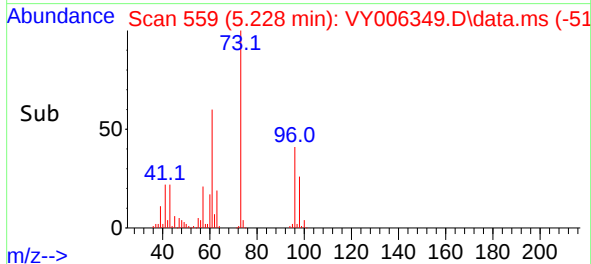
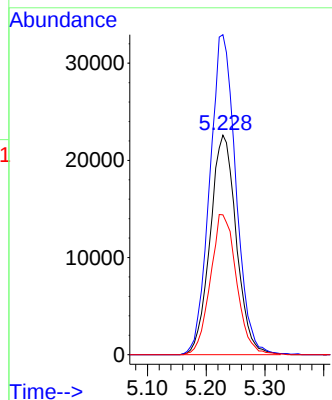
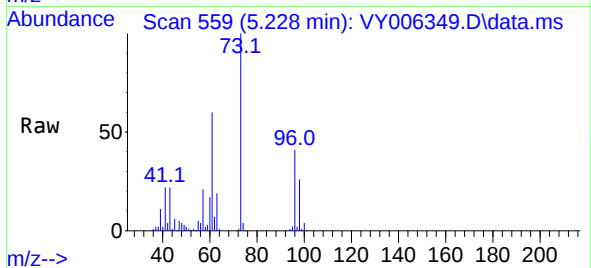


#17

trans-1,2-Dichloroethene
Concen: 25.762 ug/L
RT: 5.228 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

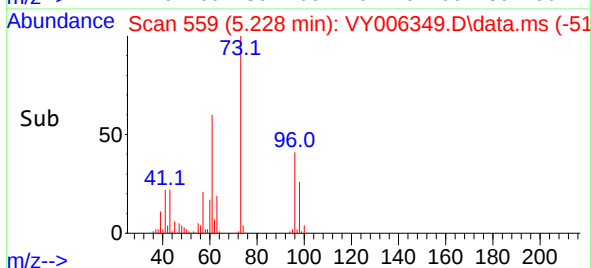
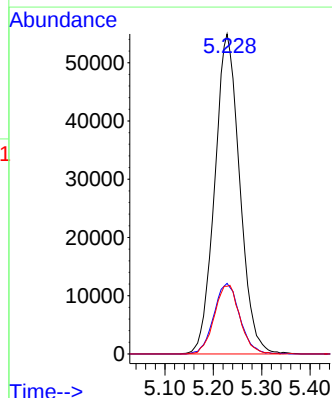
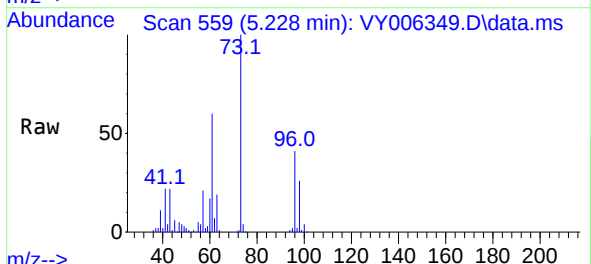
Tgt Ion: 96 Resp: 70011
Ion Ratio Lower Upper
96 100
61 145.7 97.6 181.2
98 63.7 44.8 83.2

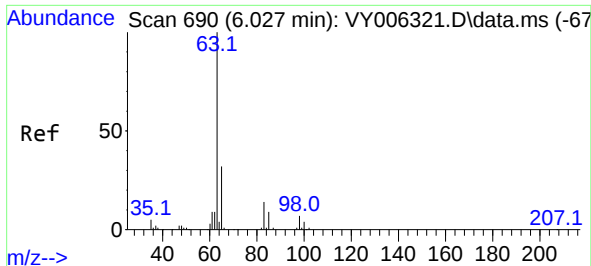


#18

Methyl tert-butyl Ether
Concen: 27.743 ug/L
RT: 5.228 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 73 Resp: 197216
Ion Ratio Lower Upper
73 100
43 22.8 16.8 25.2
57 21.9 18.7 28.1





#19

1,1-Dichloroethane

Concen: 25.854 ug/L

RT: 6.021 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY006349.D

Acq: 08 Oct 2021 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025891

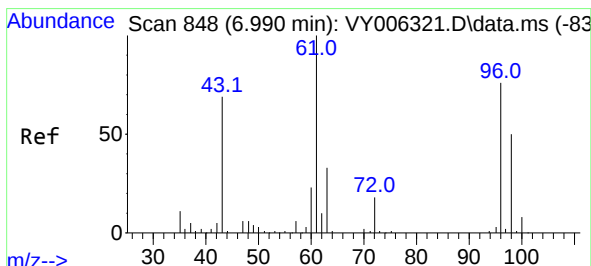
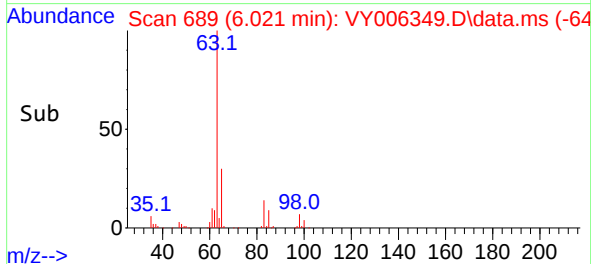
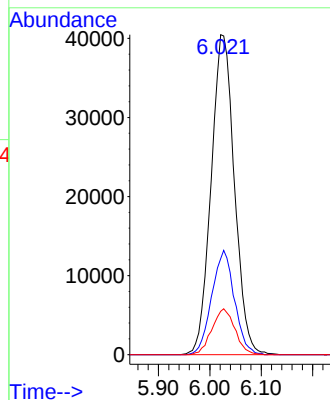
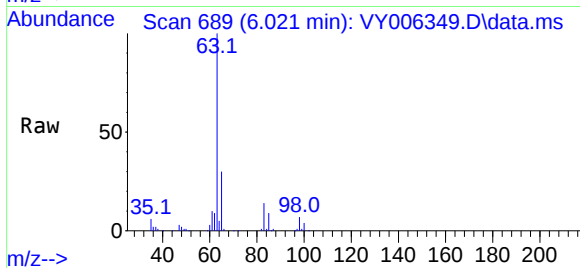
Tgt Ion: 63 Resp: 127355

Ion Ratio Lower Upper

63 100

65 30.0 22.4 41.6

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 26.257 ug/L

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY006349.D

Acq: 08 Oct 2021 09:18

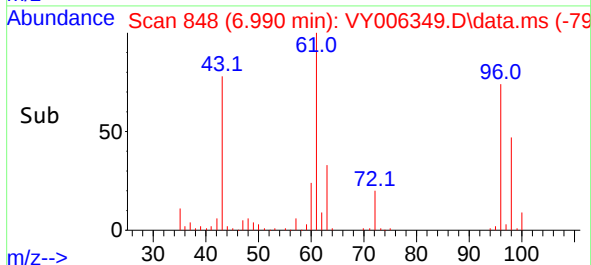
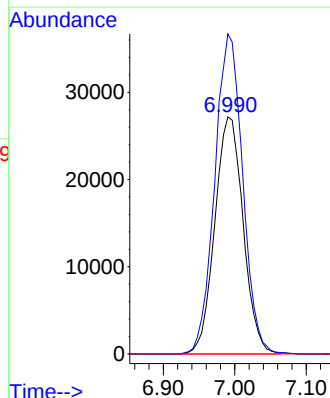
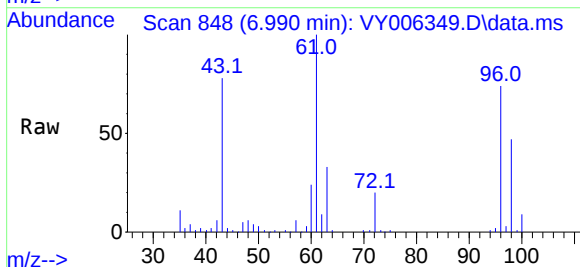
Tgt Ion: 96 Resp: 74795

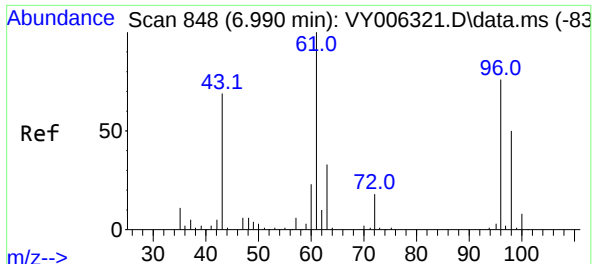
Ion Ratio Lower Upper

96 100

61 134.9 94.8 176.2

68 0.0 0.0 0.0

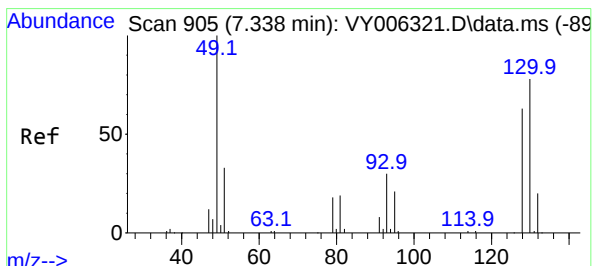
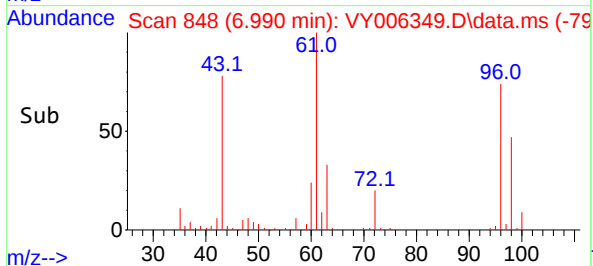
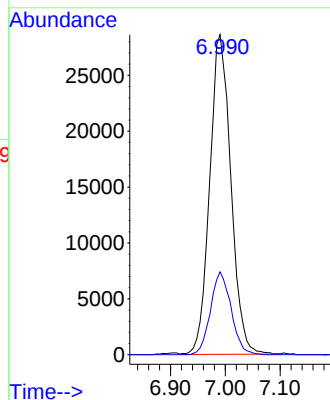
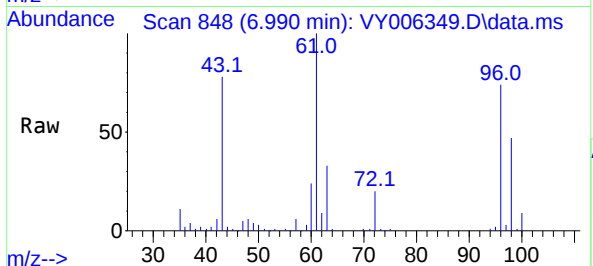




#22
2-Butanone
Concen: 64.832 ug/L
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

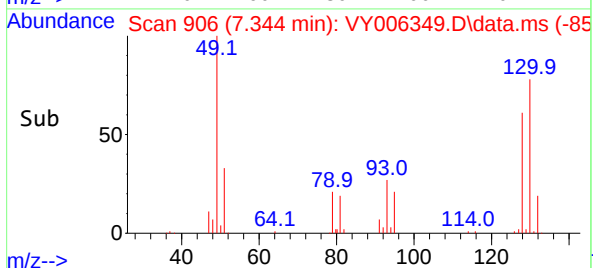
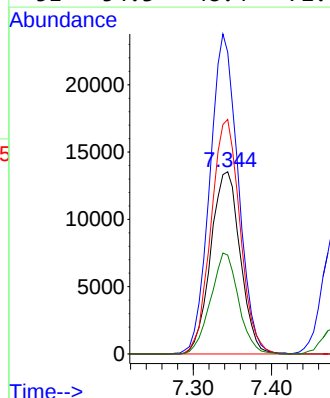
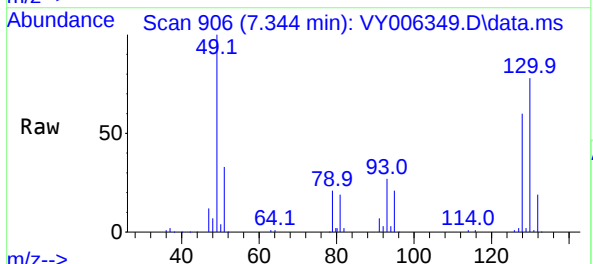
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

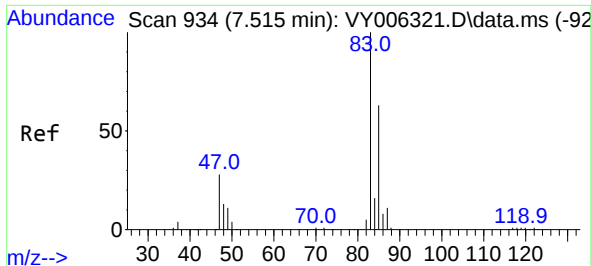
Tgt Ion: 43 Resp: 76694
Ion Ratio Lower Upper
43 100
72 25.2 12.2 36.6



#23
Bromochloromethane
Concen: 27.385 ug/L
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 128 Resp: 35468
Ion Ratio Lower Upper
128 100
49 165.7 138.9 258.1
130 128.8 88.3 164.1
51 54.3 48.4 72.6

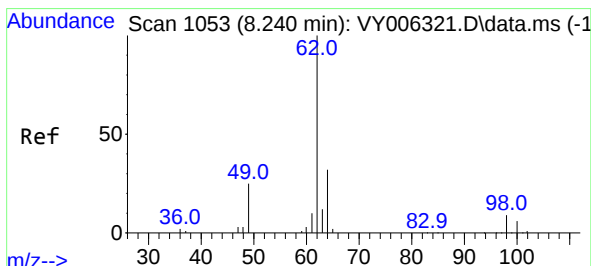
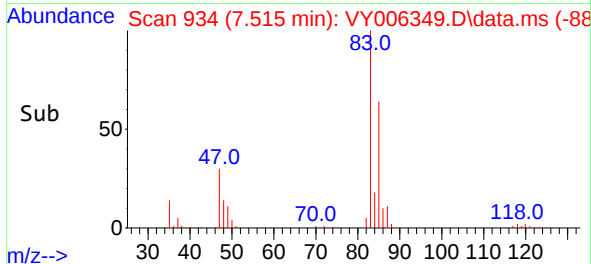
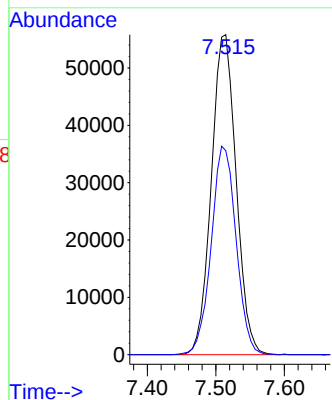
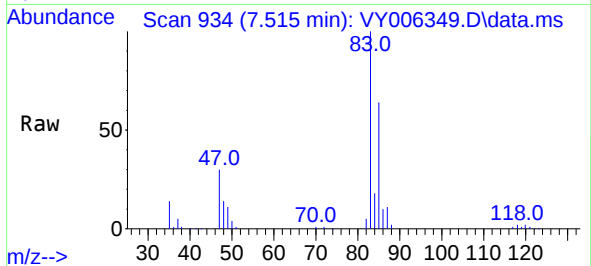




#25
Chloroform
Concen: 26.019 ug/L
RT: 7.515 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

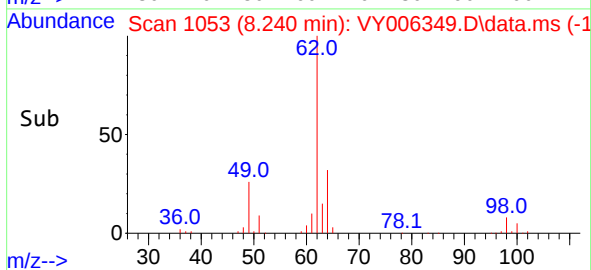
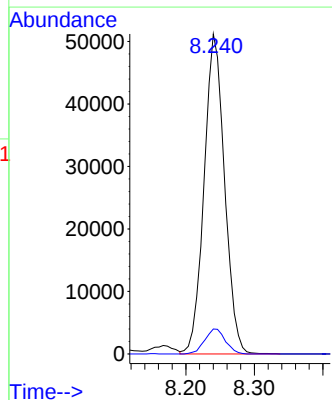
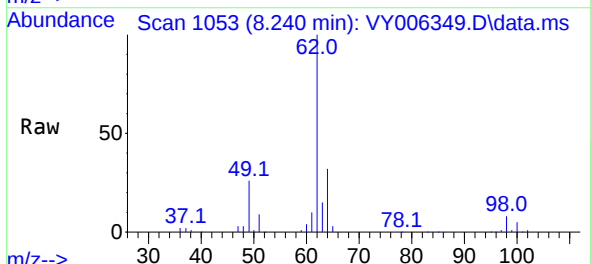
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

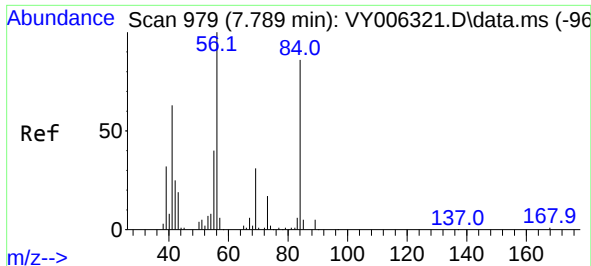
Tgt Ion: 83 Resp: 140359
Ion Ratio Lower Upper
83 100
85 63.8 45.4 84.4



#27
1,2-Dichloroethane
Concen: 27.761 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

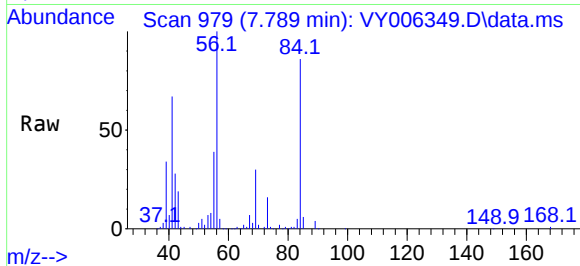
Tgt Ion: 62 Resp: 106463
Ion Ratio Lower Upper
62 100
98 7.8 7.5 11.3





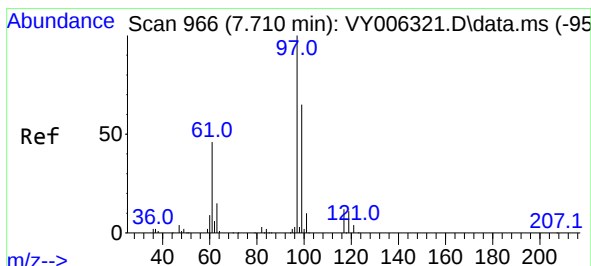
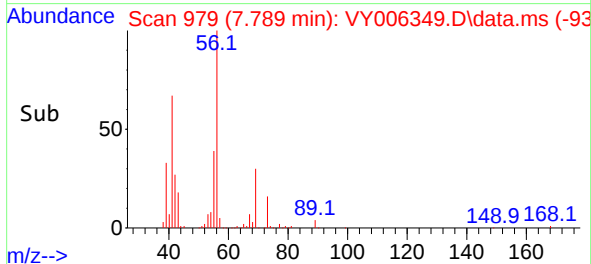
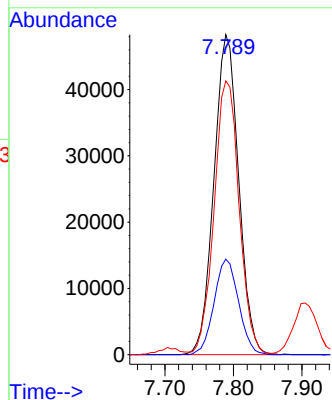
#29
Cyclohexane
Concen: 24.283 ug/L
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891



Tgt Ion: 56 Resp: 121028

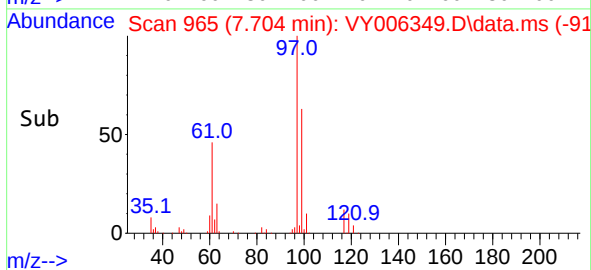
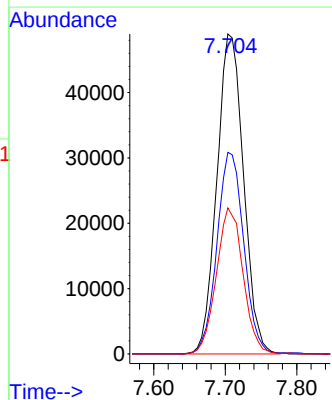
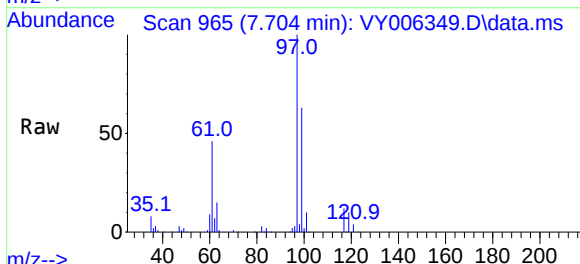
Ion	Ratio	Lower	Upper
56	100		
69	29.5	22.6	33.8
84	86.6	66.1	99.1

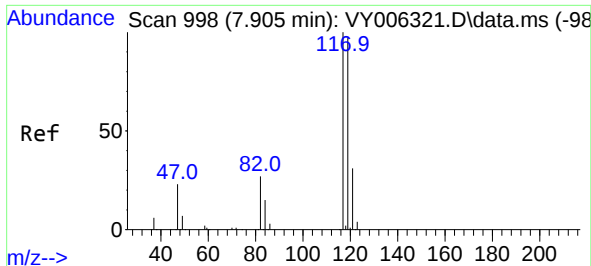


#30
1,1,1-Trichloroethane
Concen: 25.818 ug/L
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 97 Resp: 126988

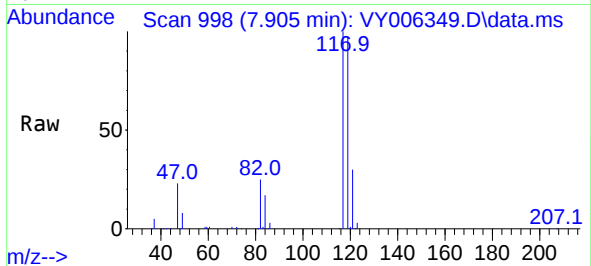
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.8	77.6
61	45.6	37.3	55.9



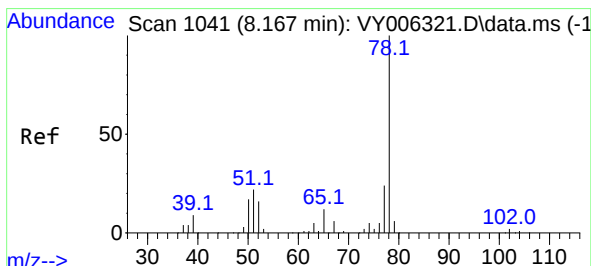
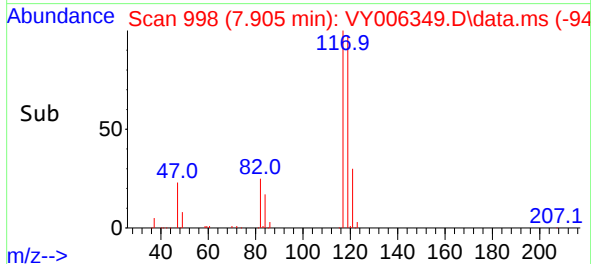
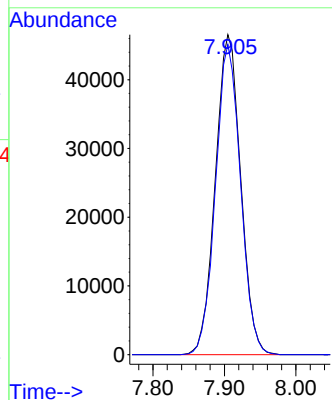


#31
Carbon tetrachloride
Concen: 25.736 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

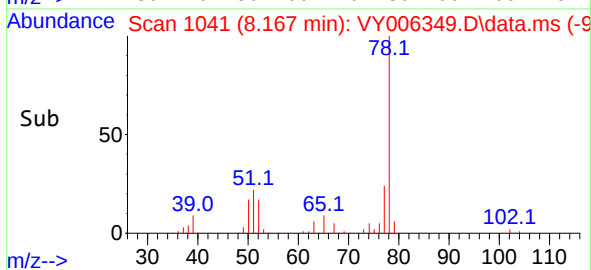
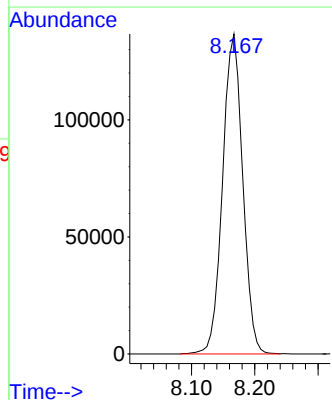
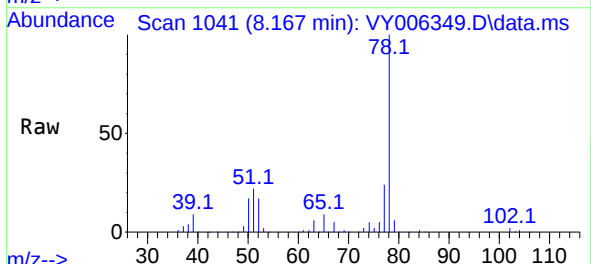


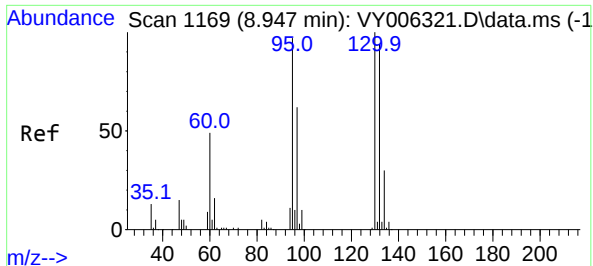
Tgt Ion:117 Resp: 114558
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.2



#33
Benzene
Concen: 25.516 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 78 Resp: 301836



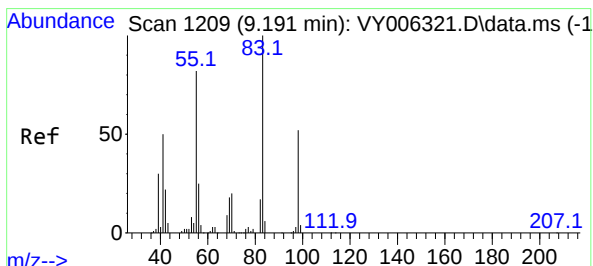
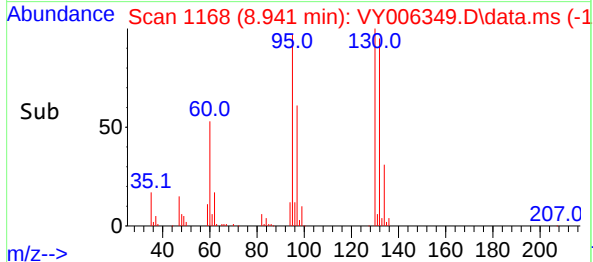
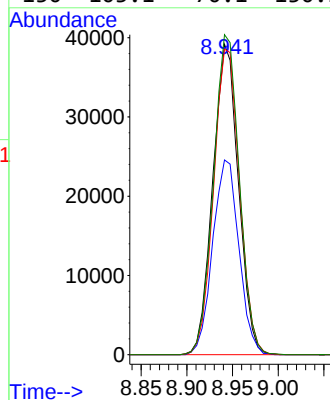
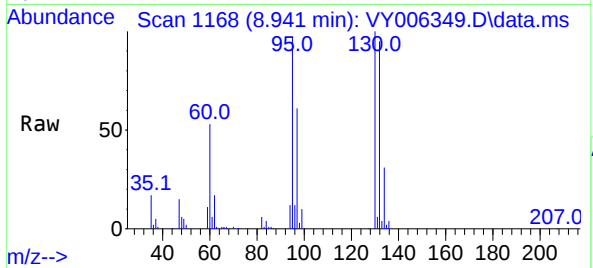


#34
Trichloroethene
Concen: 25.378 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

Tgt Ion: 95 Resp: 76266

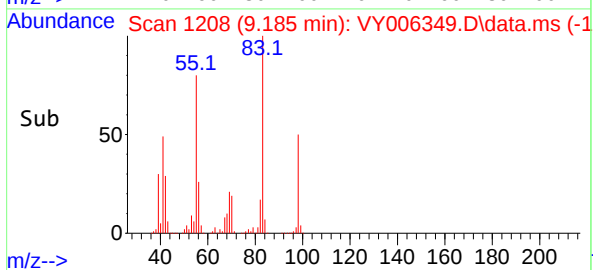
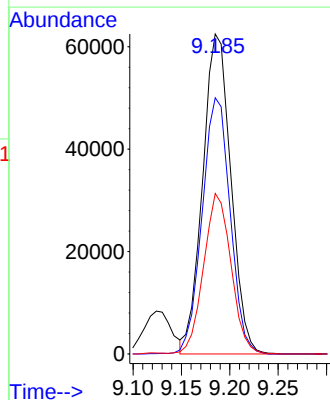
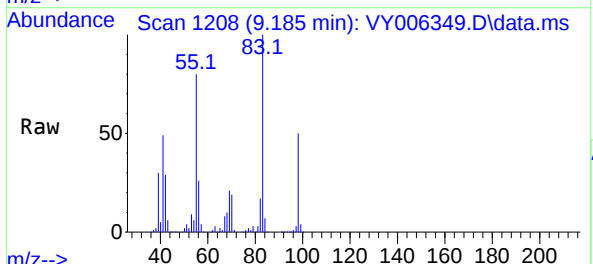
Ion	Ratio	Lower	Upper
95	100		
97	62.7	44.2	82.2
132	98.4	66.8	124.0
130	103.1	70.1	130.1

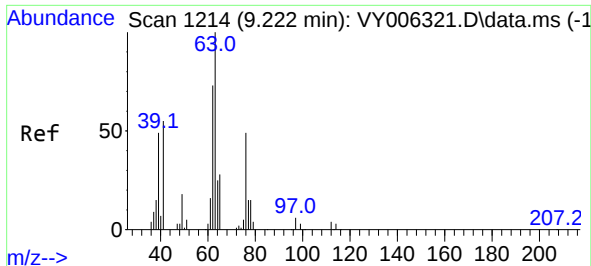


#35
Methylcyclohexane
Concen: 24.204 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 83 Resp: 127041

Ion	Ratio	Lower	Upper
83	100		
55	79.6	63.9	95.9
98	48.7	38.7	58.1



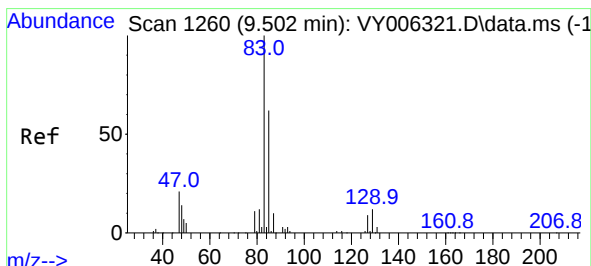
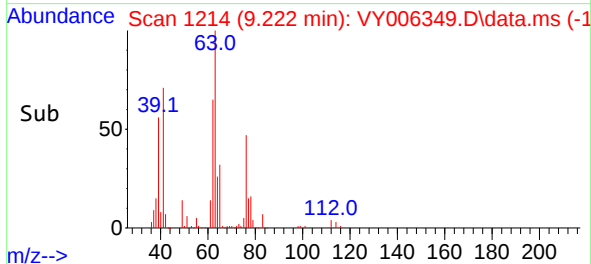
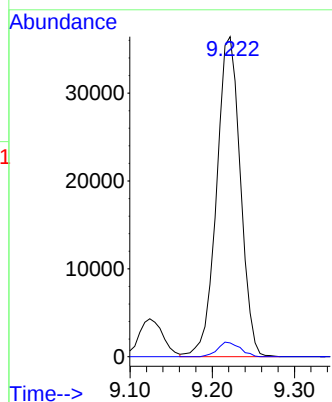
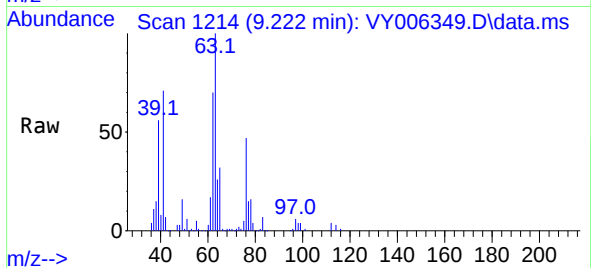


#37

1,2-Dichloropropane
Concen: 25.852 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

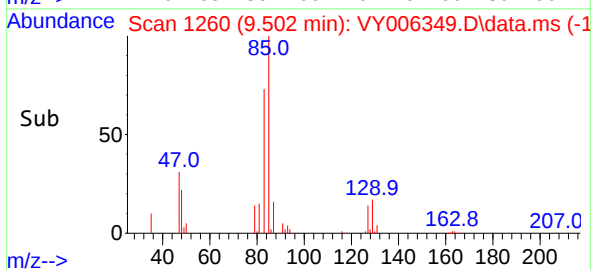
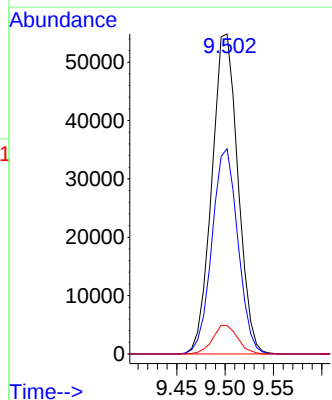
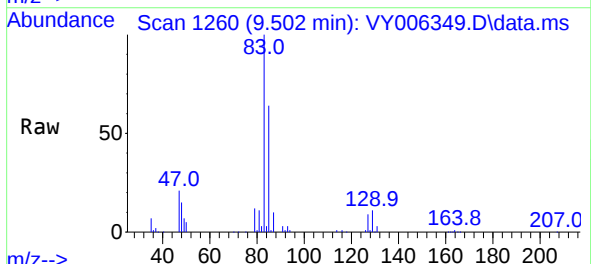
Tgt Ion: 63 Resp: 73177
Ion Ratio Lower Upper
63 100
112 4.3 3.1 4.7

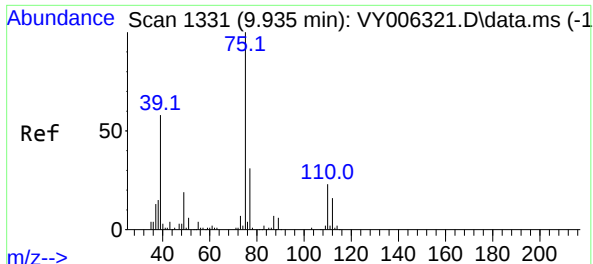


#38

Bromodichloromethane
Concen: 26.530 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 83 Resp: 103057
Ion Ratio Lower Upper
83 100
85 64.1 44.1 81.9
127 8.9 6.9 10.3

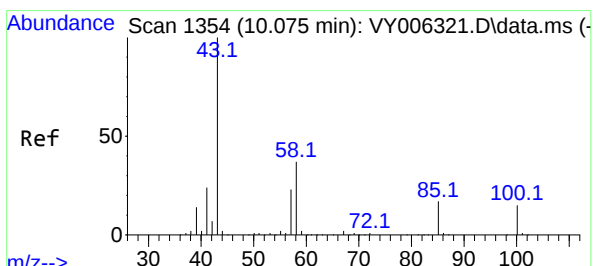
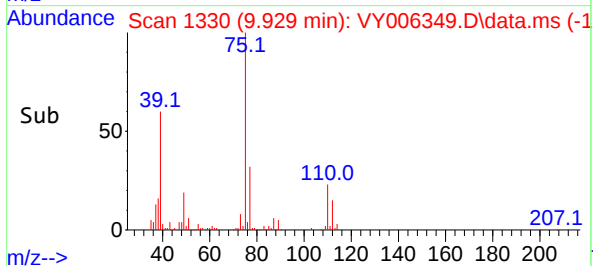
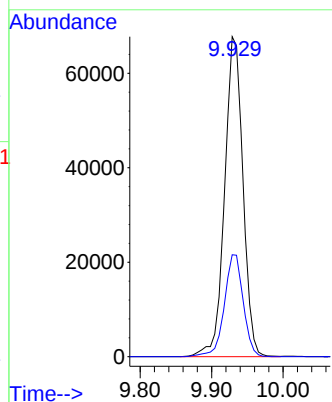
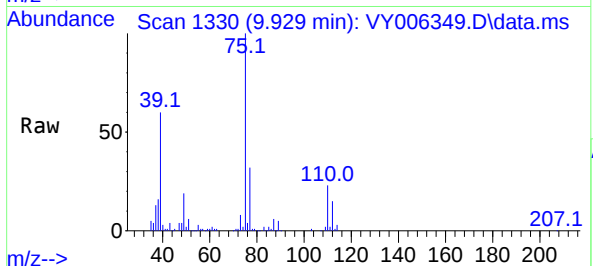




#39
cis-1,3-Dichloropropene
Concen: 26.821 ug/L
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

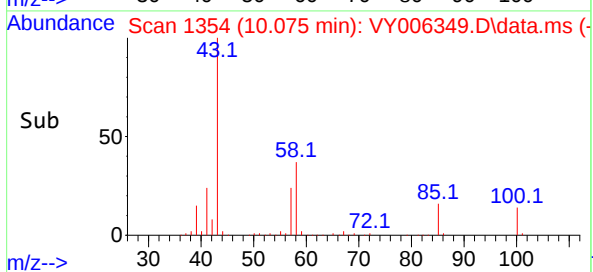
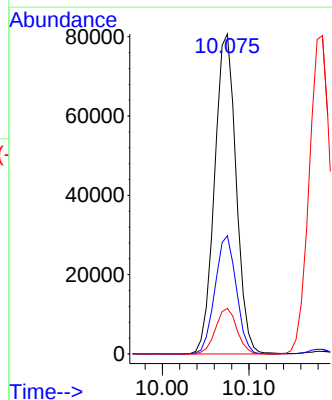
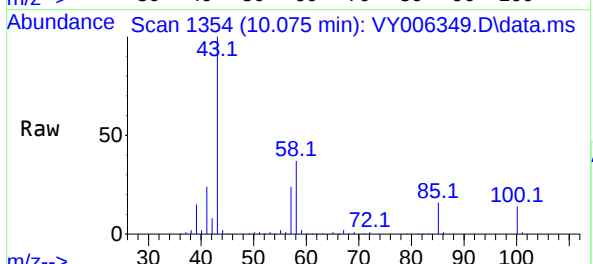
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

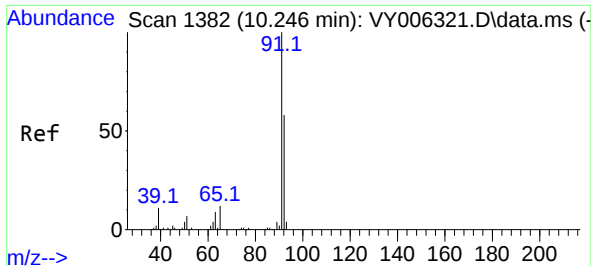
Tgt Ion: 75 Resp: 120660
Ion Ratio Lower Upper
75 100
77 31.9 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 61.504 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 43 Resp: 139639
Ion Ratio Lower Upper
43 100
58 36.6 28.5 42.7
100 14.1 10.4 15.6

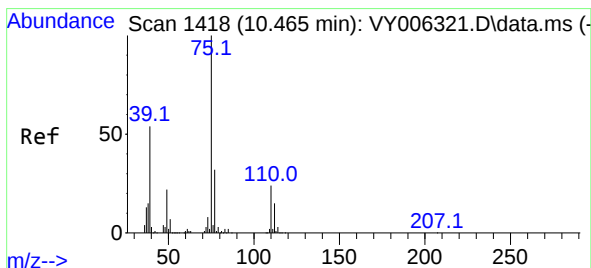
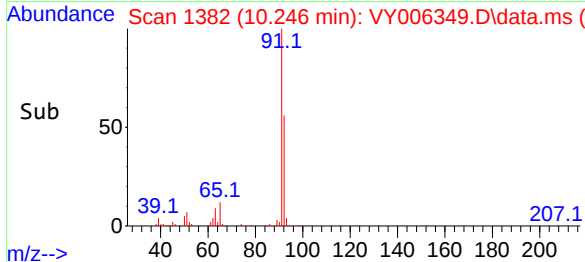
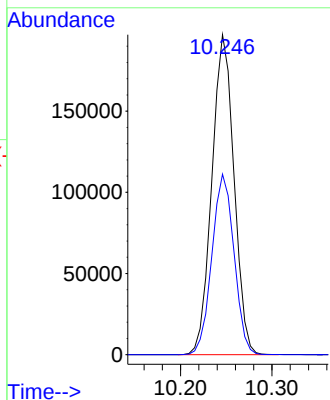
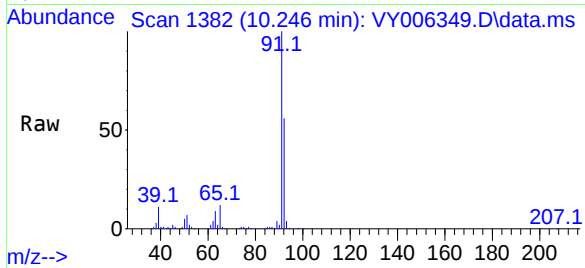




#42
Toluene
Concen: 25.919 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

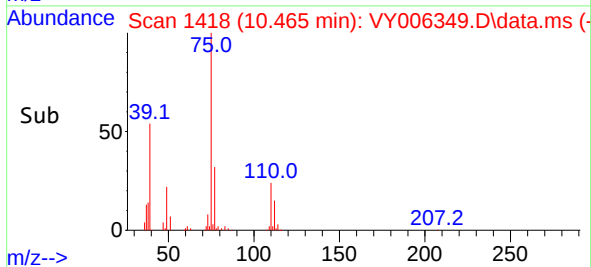
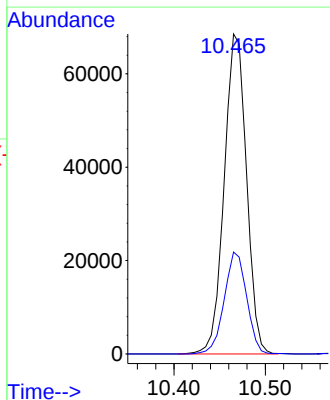
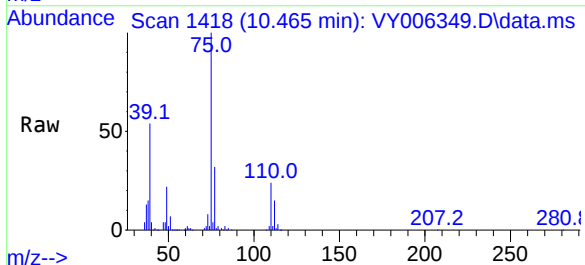
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

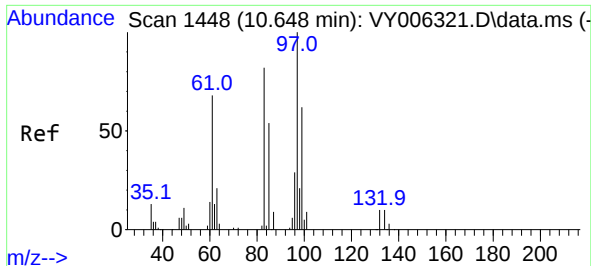
Tgt Ion: 91 Resp: 331520
Ion Ratio Lower Upper
91 100
92 56.4 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 27.354 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 75 Resp: 116180
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.4



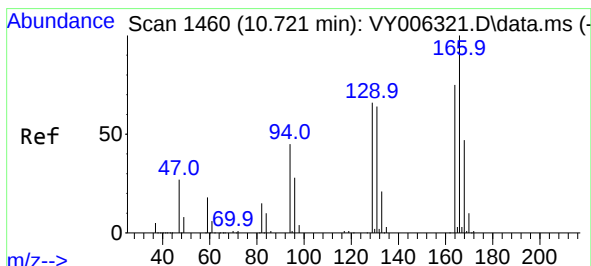
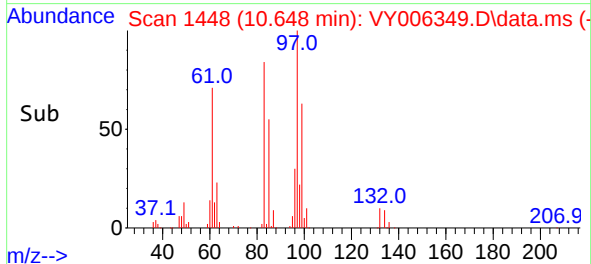
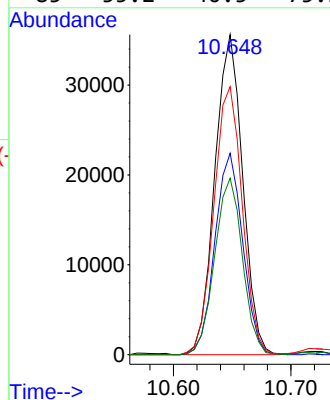
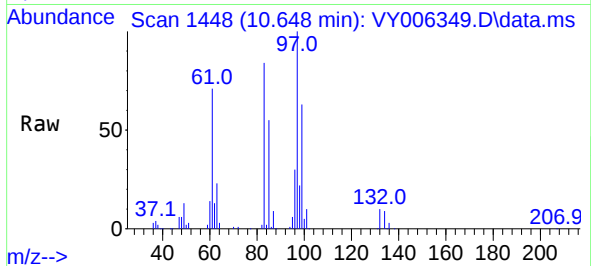


#45
1,1,2-Trichloroethane
Concen: 28.082 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

Tgt Ion: 97 Resp: 58713

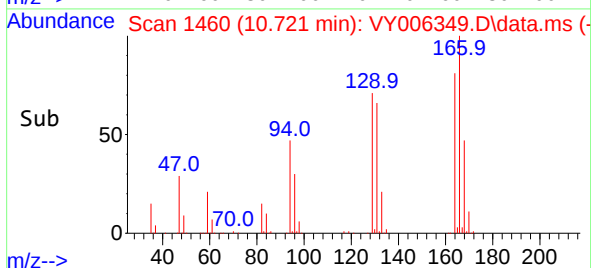
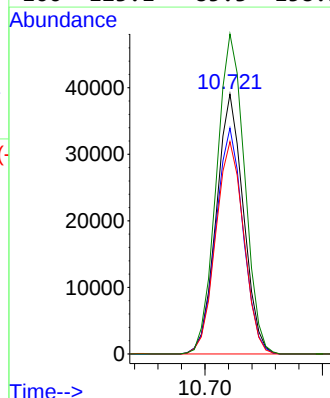
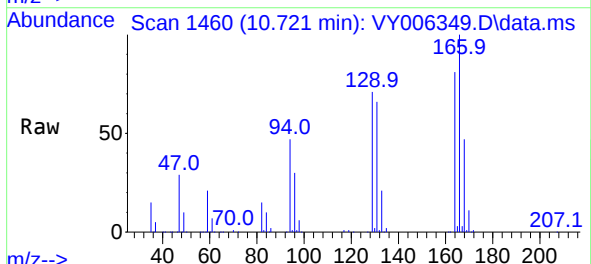
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.2	82.0
83	83.8	61.1	113.5
85	55.2	40.5	75.3

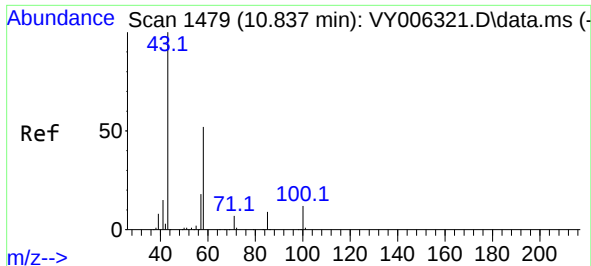


#46
Tetrachloroethene
Concen: 25.186 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 164 Resp: 62476

Ion	Ratio	Lower	Upper
164	100		
129	86.9	65.9	122.3
131	81.7	61.9	115.1
166	123.1	85.3	158.3



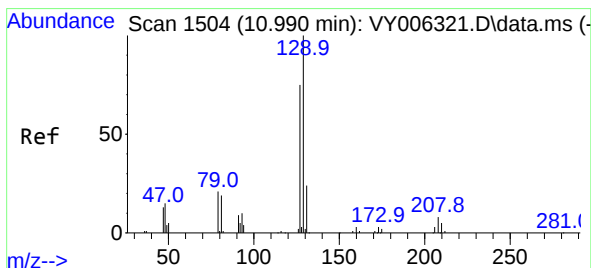
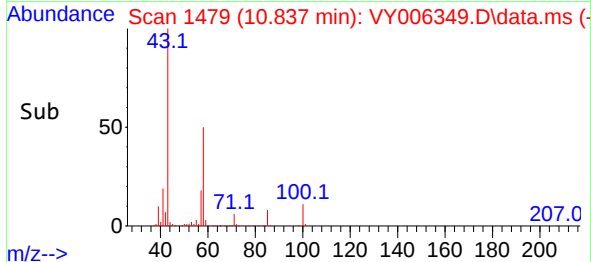
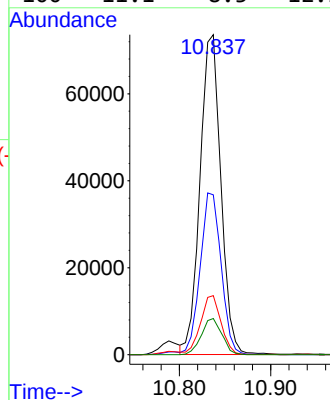
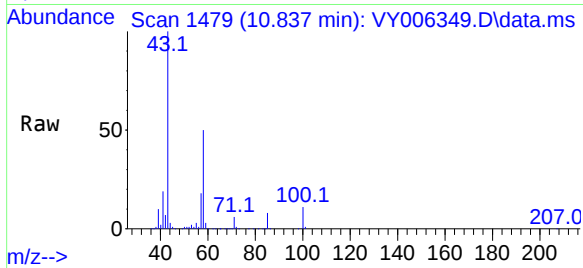


#48
2-Hexanone
Concen: 65.819 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

Tgt Ion: 43 Resp: 116602

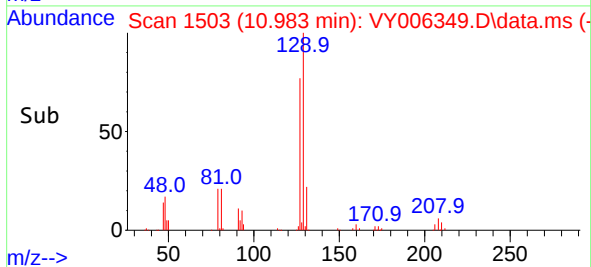
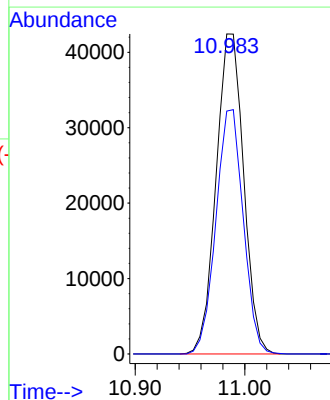
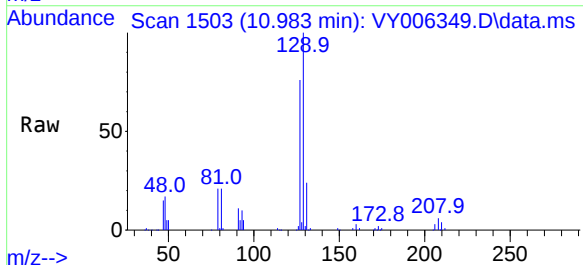
Ion	Ratio	Lower	Upper
43	100		
58	50.4	41.1	61.7
57	18.1	13.8	20.6
100	11.1	8.3	12.5

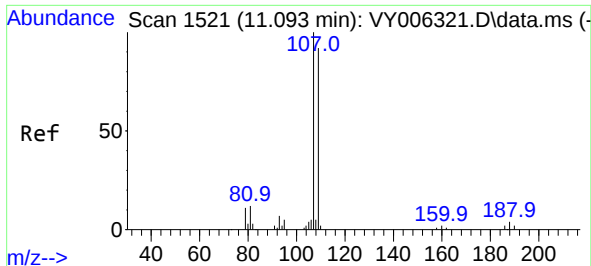


#49
Dibromochloromethane
Concen: 28.253 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 129 Resp: 74172

Ion	Ratio	Lower	Upper
129	100		
127	75.9	52.8	98.0

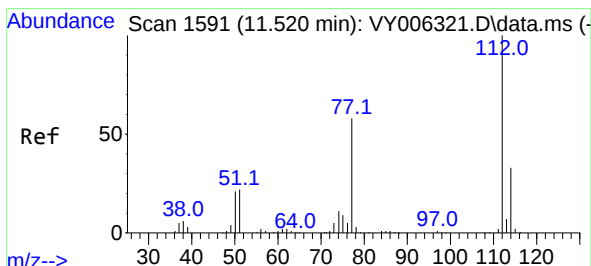
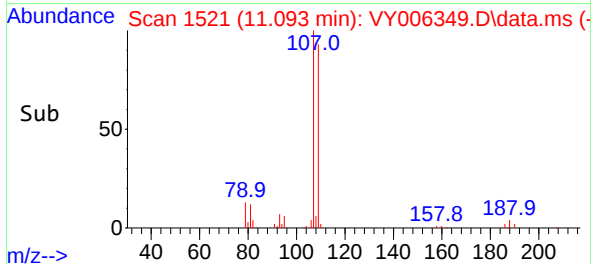
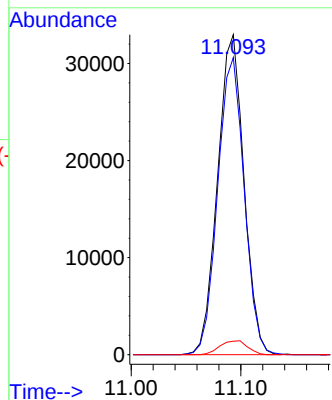
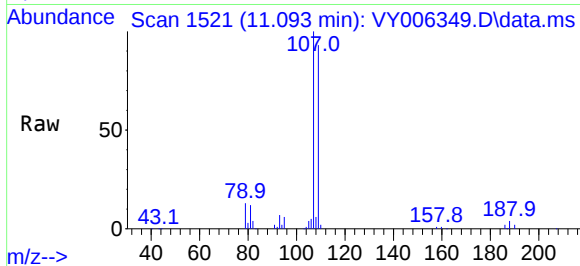




#50
1,2-Dibromoethane
Concen: 28.262 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

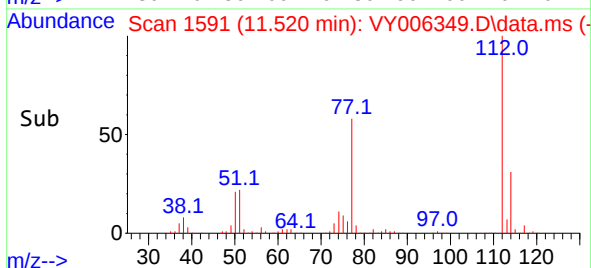
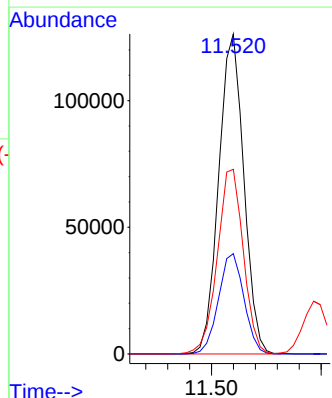
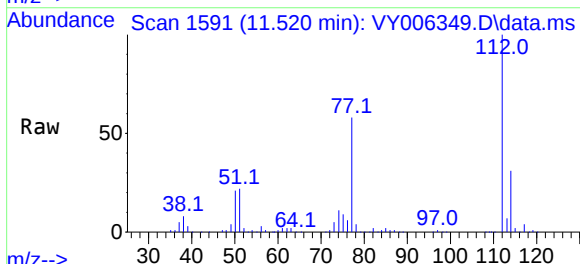
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

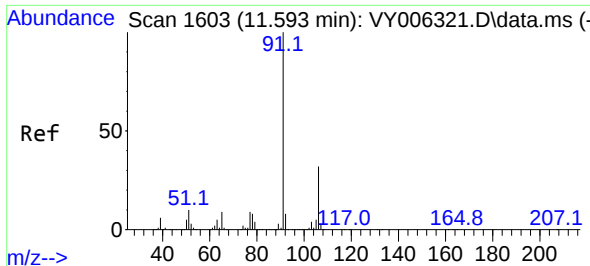
Tgt Ion:107 Resp: 55106
Ion Ratio Lower Upper
107 100
109 92.9 65.7 121.9
188 4.2 2.8 4.2#



#51
Chlorobenzene
Concen: 25.915 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion:112 Resp: 200748
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.5
77 57.7 46.5 69.7

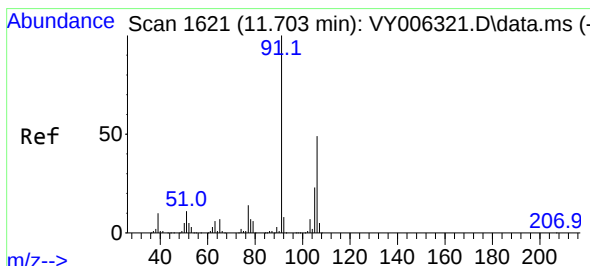
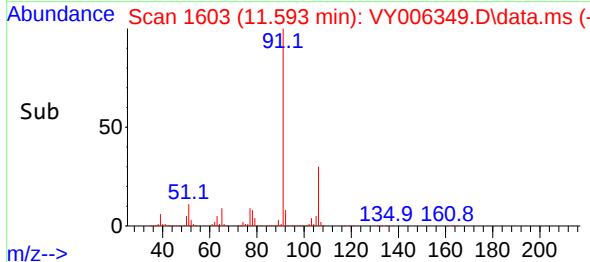
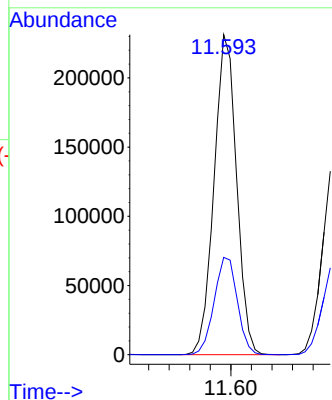
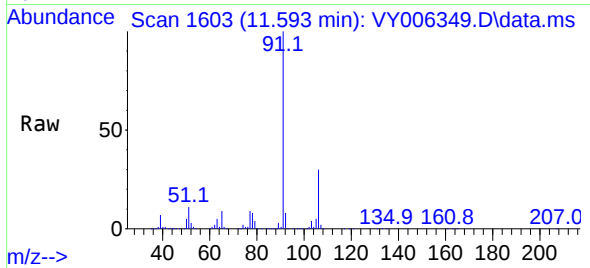




#52
Ethylbenzene
Concen: 25.738 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

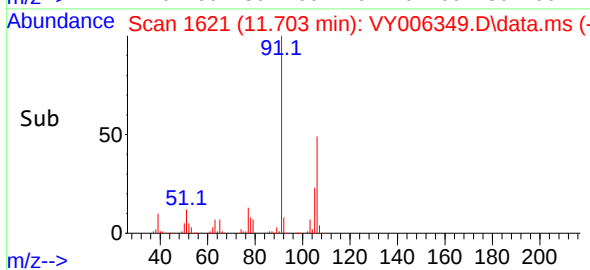
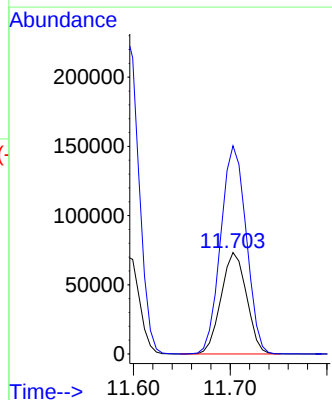
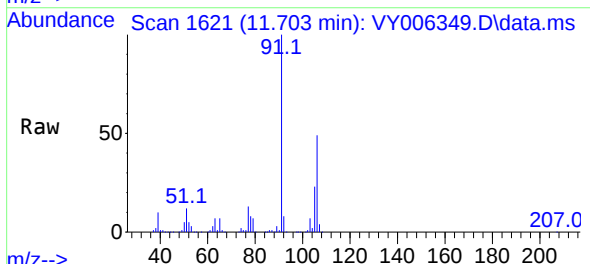
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

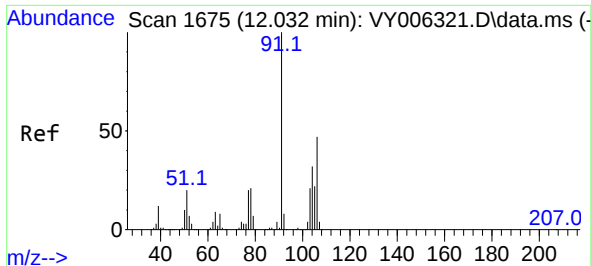
Tgt Ion: 91 Resp: 351108
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 25.658 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 106 Resp: 134010
Ion Ratio Lower Upper
106 100
91 205.1 145.7 270.5

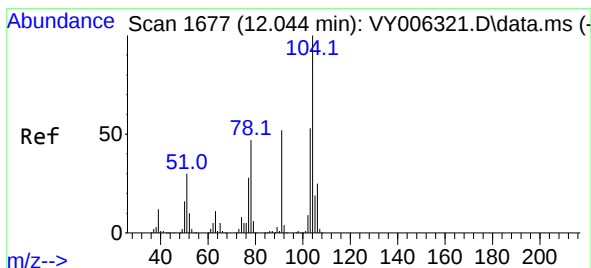
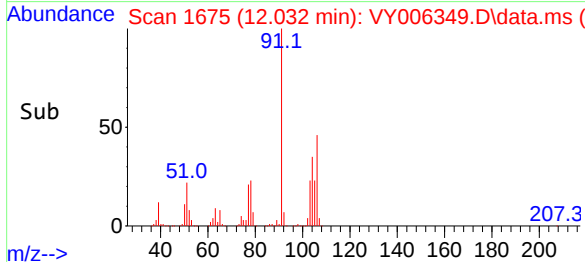
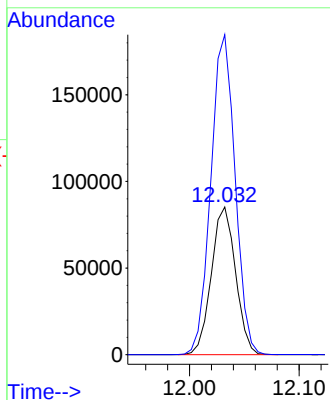
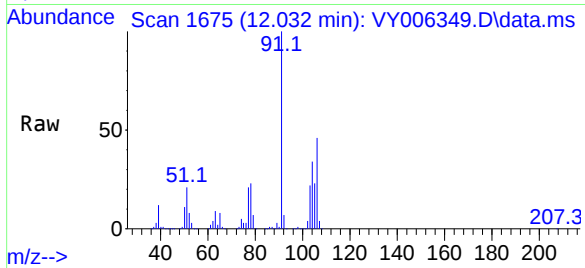




#54
o-Xylene
Concen: 26.197 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

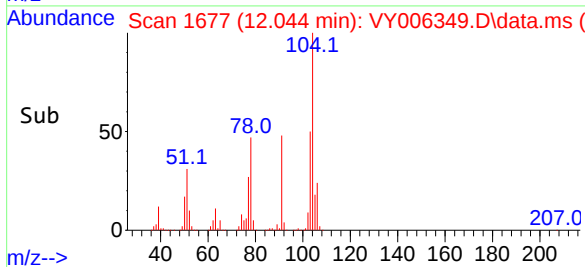
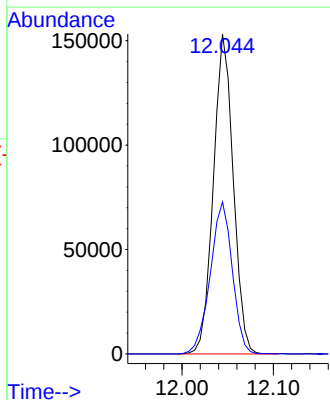
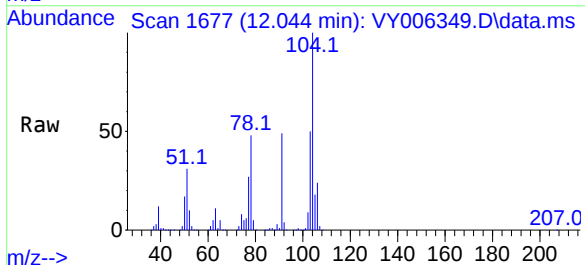
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

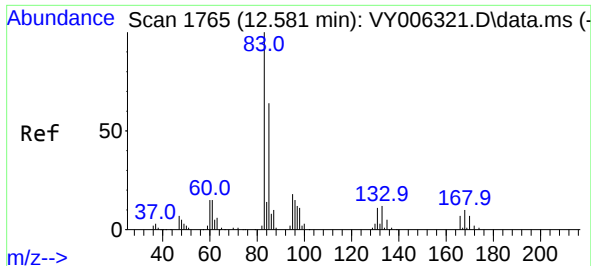
Tgt Ion:106 Resp: 131113
Ion Ratio Lower Upper
106 100
91 216.6 150.6 279.6



#55
Styrene
Concen: 26.527 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion:104 Resp: 231448
Ion Ratio Lower Upper
104 100
78 47.5 31.8 59.0

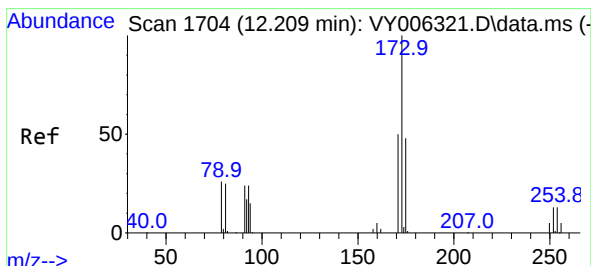
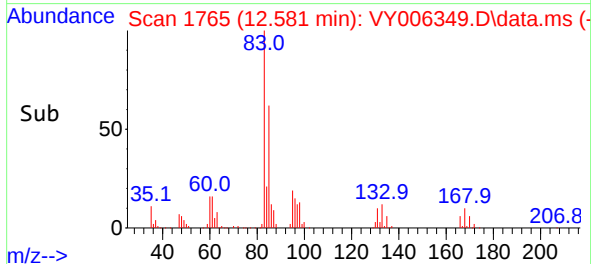
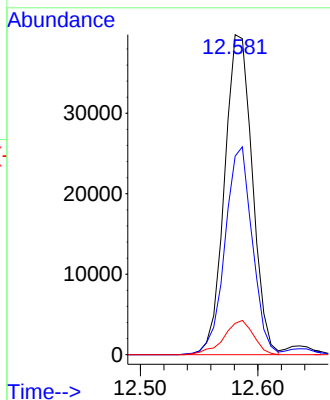
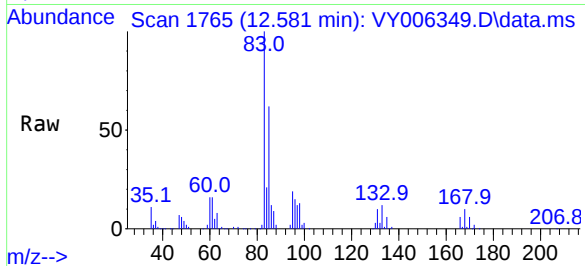




#57
1,1,2,2-Tetrachloroethane
Concen: 28.659 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

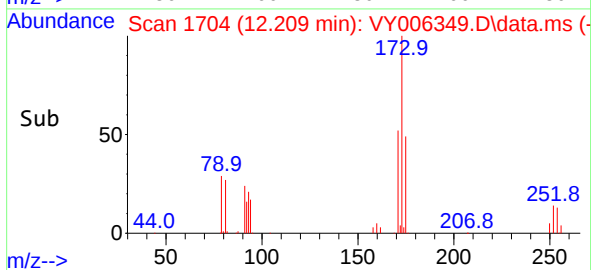
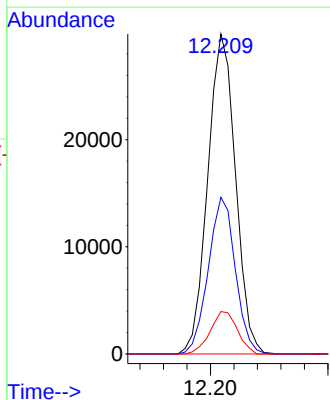
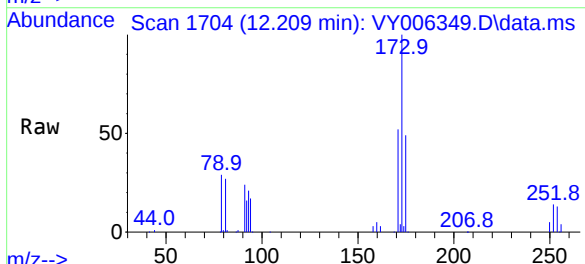
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

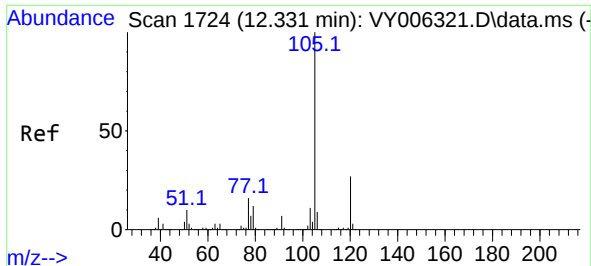
Tgt Ion:	83	Resp:	65338
Ion	Ratio	Lower	Upper
83	100		
85	62.0	45.0	83.6
131	9.8	6.9	10.3



#59
Bromoform
Concen: 27.670 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion:	173	Resp:	48944
Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.8	58.2
254	13.0	7.3	10.9#

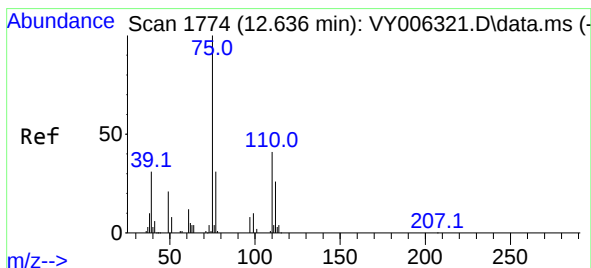
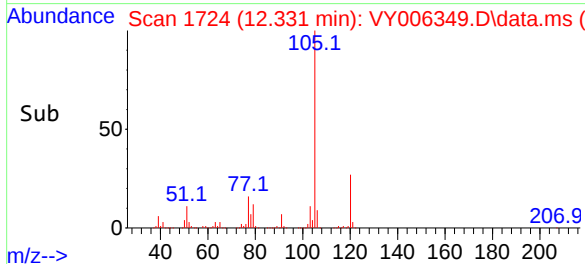
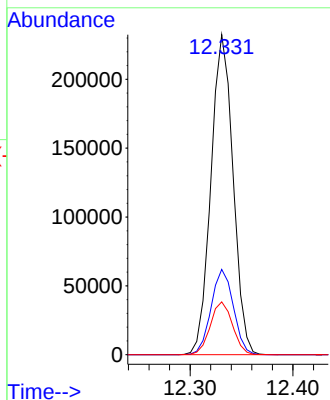
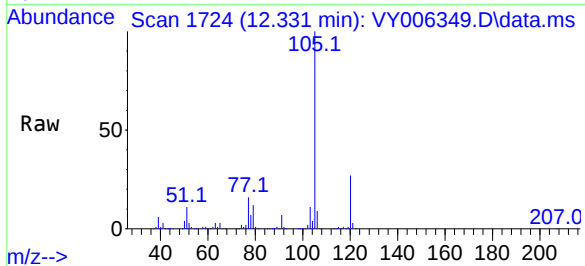




#60
Isopropylbenzene
Concen: 24.529 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

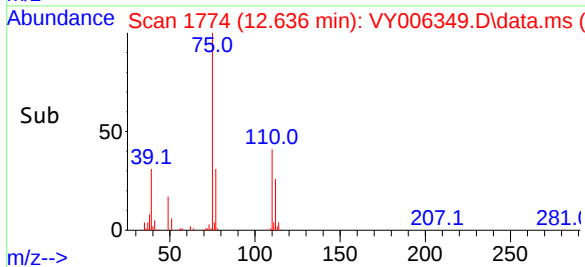
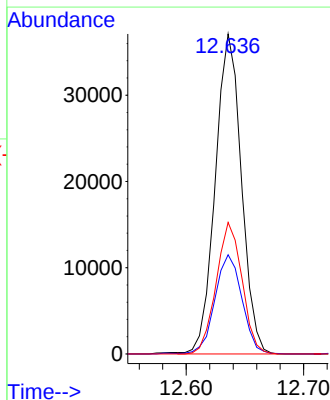
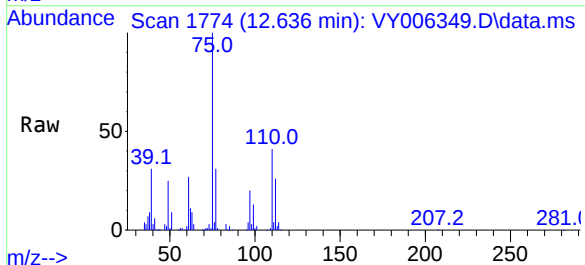
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

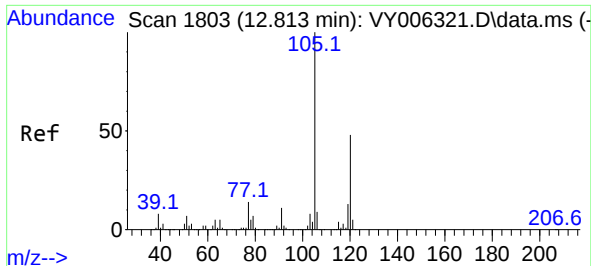
Tgt Ion:105 Resp: 347087
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.6
77 16.6 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 27.870 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion: 75 Resp: 57312
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 40.6 30.8 46.2

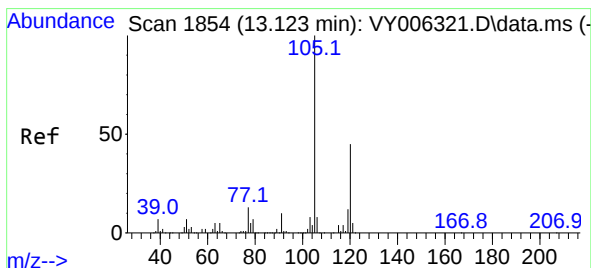
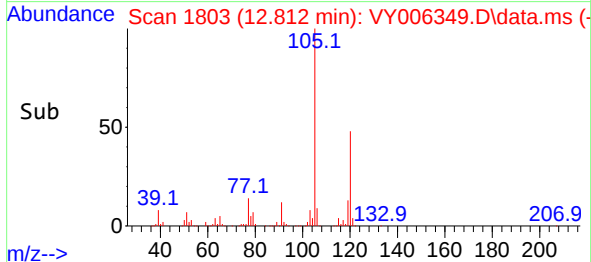
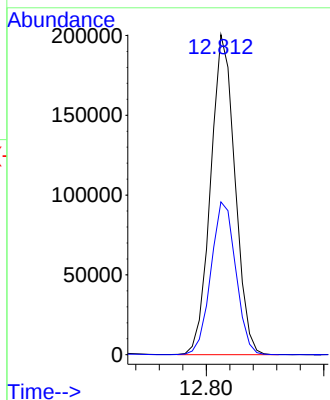
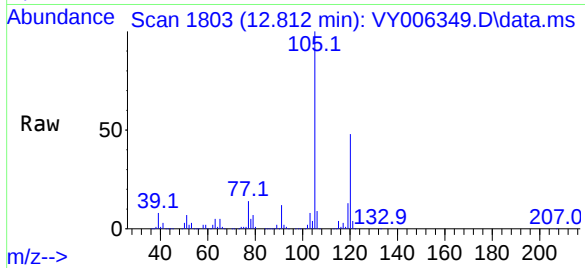




#62
1,3,5-Trimethylbenzene
Concen: 25.009 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

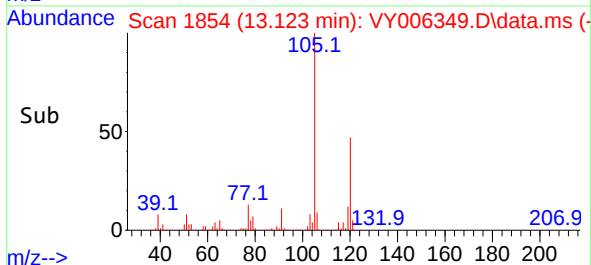
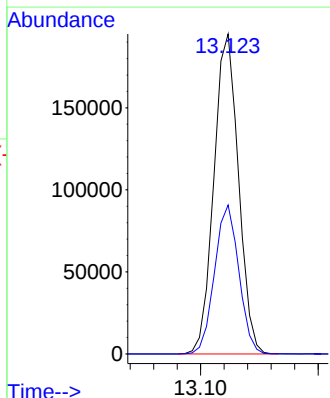
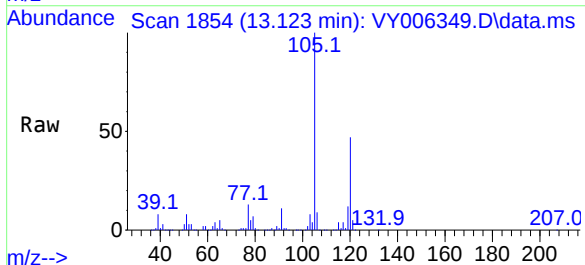
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

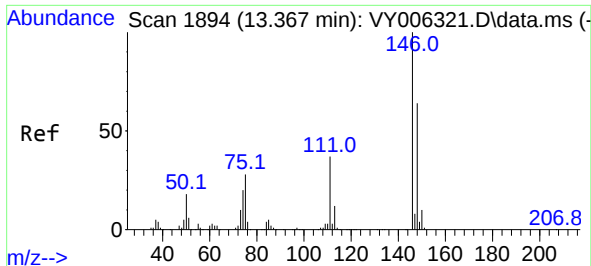
Tgt Ion:105 Resp: 288200
Ion Ratio Lower Upper
105 100
120 48.8 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 24.939 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion:105 Resp: 283624
Ion Ratio Lower Upper
105 100
120 45.9 36.2 54.4

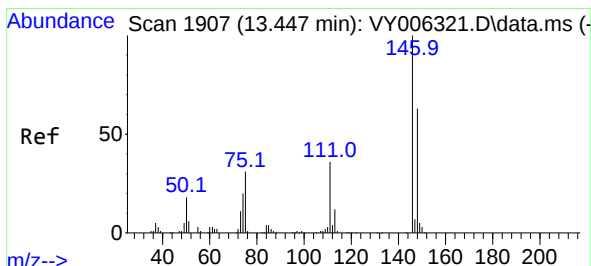
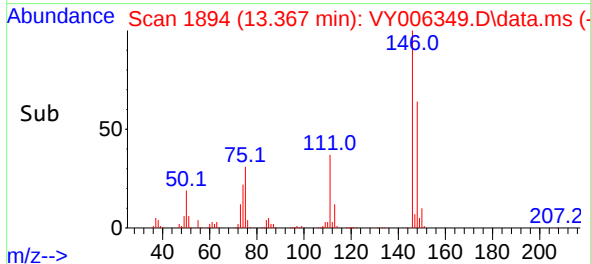
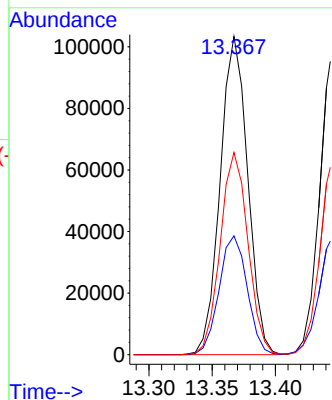
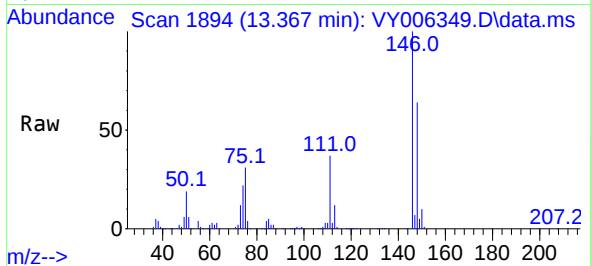




#64
1,3-Dichlorobenzene
Concen: 24.683 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

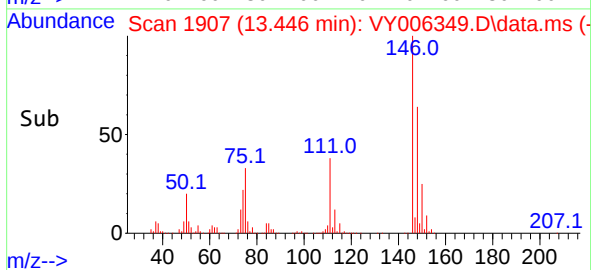
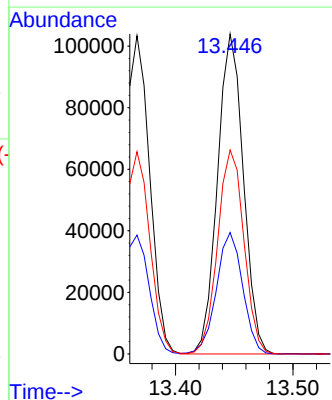
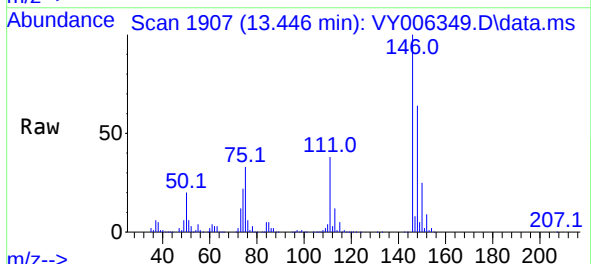
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

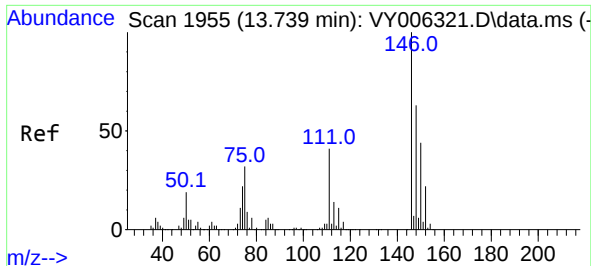
Tgt Ion:146 Resp: 156538
Ion Ratio Lower Upper
146 100
111 37.4 27.4 51.0
148 63.5 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 24.981 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion:146 Resp: 159304
Ion Ratio Lower Upper
146 100
111 38.0 26.4 49.0
148 63.8 44.3 82.3

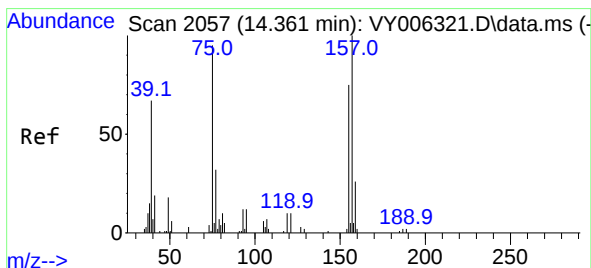
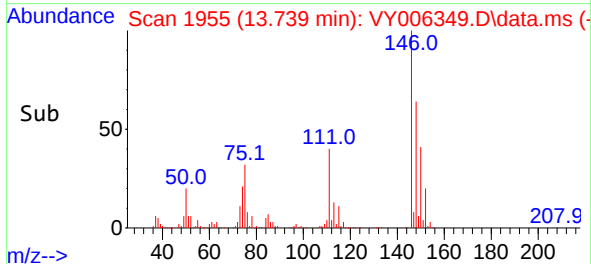
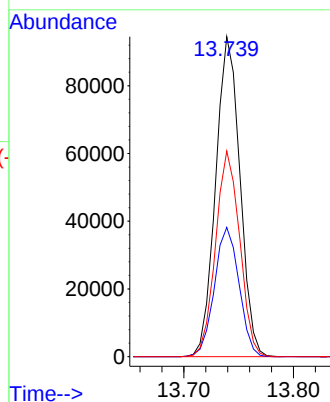
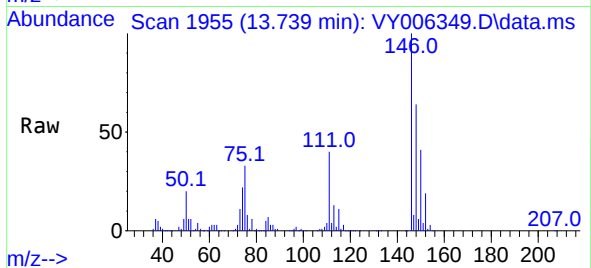




#67
1,2-Dichlorobenzene
Concen: 25.284 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

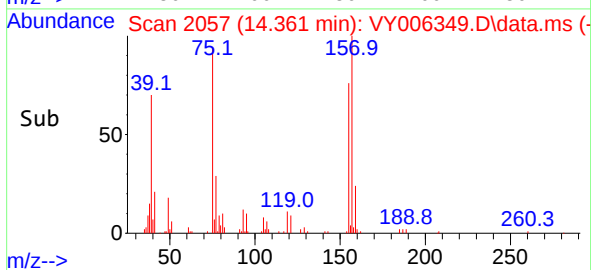
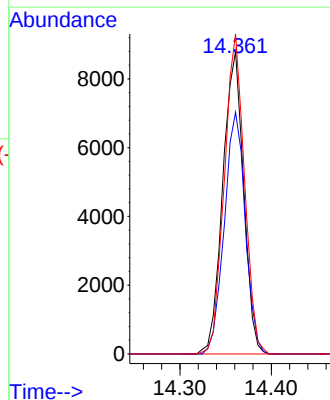
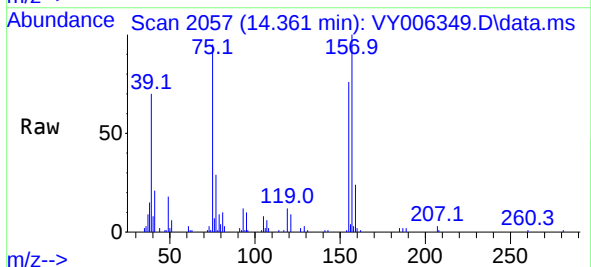
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

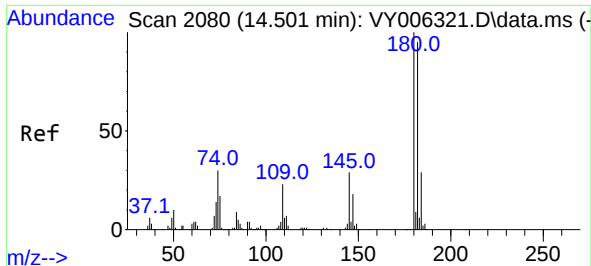
Tgt Ion:	146	Resp:	145722
Ion	Ratio	Lower	Upper
146	100		
111	40.4	33.9	50.9
148	64.3	49.7	74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 28.038 ug/L
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion:	75	Resp:	13892
Ion	Ratio	Lower	Upper
75	100		
155	79.9	64.5	96.7
157	105.8	77.4	116.2



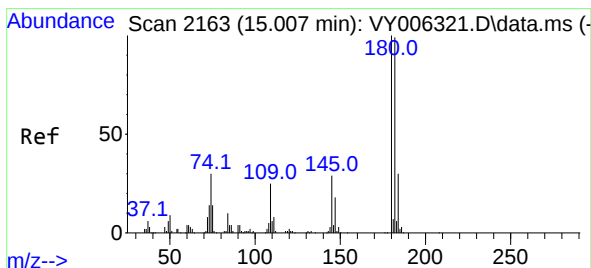
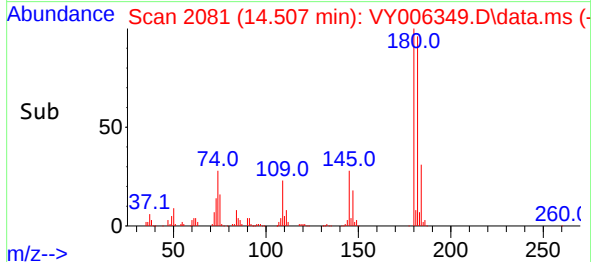
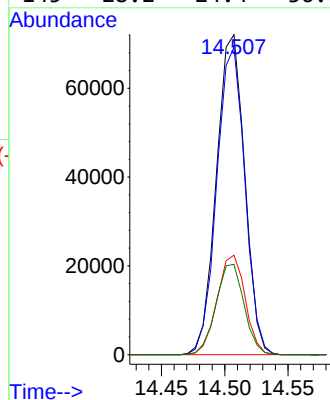
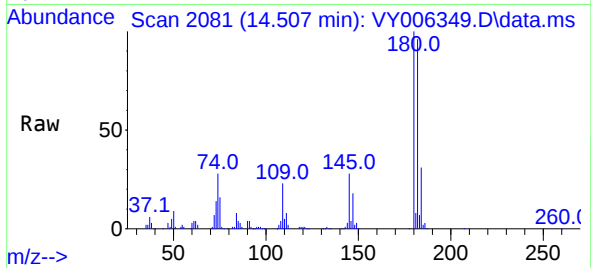


#69
1,3,5-Trichlorobenzene
Concen: 24.952 ug/L
RT: 14.507 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

Tgt Ion:180 Resp: 111911

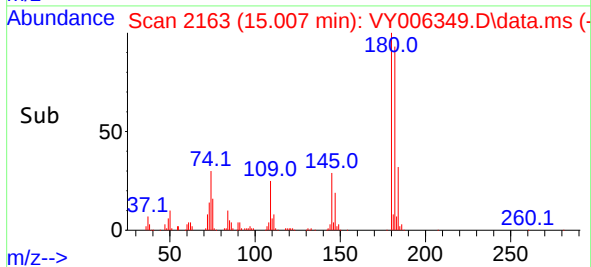
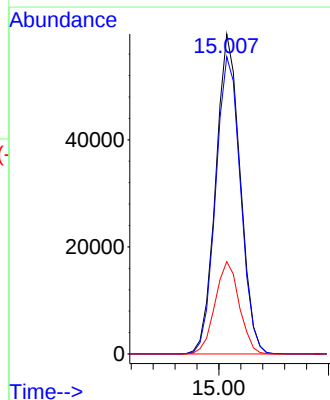
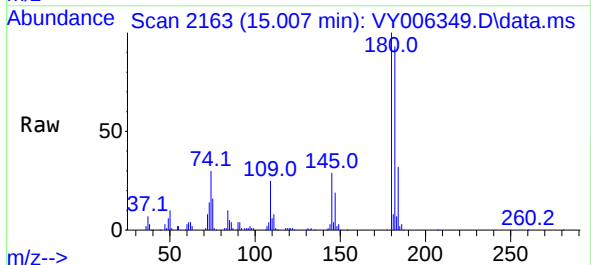
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.1	114.1
184	30.8	24.6	36.8
145	28.2	24.4	36.6

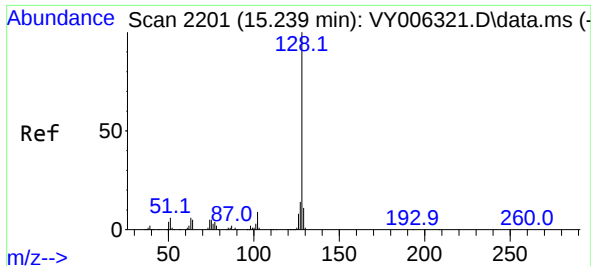


#70
1,2,4-trichlorobenzene
Concen: 25.530 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion:180 Resp: 92577

Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.4	114.6
145	28.6	25.0	37.6

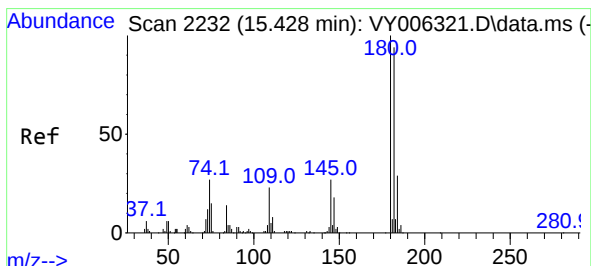
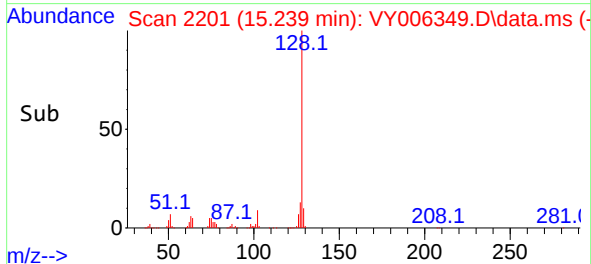
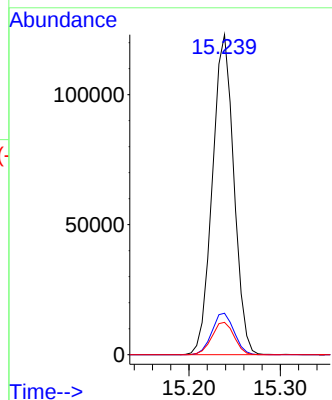
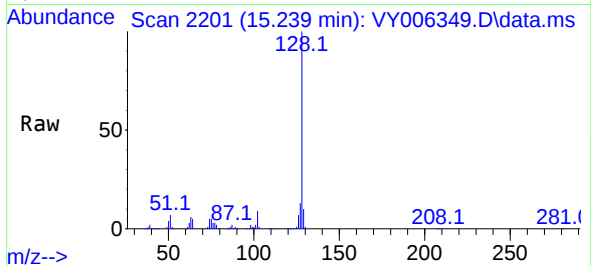




#71
Naphthalene
Concen: 28.289 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025891

Tgt Ion:128 Resp: 200382
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.5 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 26.617 ug/L
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY006349.D
Acq: 08 Oct 2021 09:18

Tgt Ion:180 Resp: 83858
Ion Ratio Lower Upper
180 100
182 94.5 76.2 114.2
145 30.4 25.8 38.8

