

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100621\
 Data File : VY006319.D
 Acq On : 06 Oct 2021 12:58
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025888

Quant Time: Oct 07 02:06:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 02:02:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	205126	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	192698	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	104628	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	91768	25.738	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.960%			
7) Chloroethane-d5	2.765	69	70133	26.575	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.320%			
11) 1,1-Dichloroethene-d2	3.863	63	137859	23.649	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.600%			
21) 2-Butanone-d5	6.893	46	56820	59.775	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.560%			
24) Chloroform-d	7.484	84	124784	24.149	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.600%			
26) 1,2-Dichloroethane-d4	8.149	65	84047	24.764	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.040%			
32) Benzene-d6	8.118	84	256849	24.224	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.880%			
36) 1,2-Dichloropropane-d6	9.124	67	74691	24.003	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.000%			
41) Toluene-d8	10.185	98	245139	24.273	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.080%			
43) trans-1,3-Dichloroprop...	10.441	79	41616	25.706	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.840%			
47) 2-Hexanone-d5	10.788	63	41778	60.706	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.420%			
56) 1,1,2,2-Tetrachloroeth...	12.562	84	67461	27.763	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.040%			
66) 1,2-Dichlorobenzene-d4	13.721	152	89970	24.928	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	107267	27.971	ug/L	99
3) Chloromethane	2.119	50	106797	28.465	ug/L	97
5) Vinyl chloride	2.259	62	121993	27.794	ug/L	100
6) Bromomethane	2.662	94	61014	30.648	ug/L	95
8) Chloroethane	2.802	64	70414	28.349	ug/L	98
9) Trichlorofluoromethane	3.137	101	152297	28.082	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	69533	25.386	ug/L	93
12) 1,1-Dichloroethene	3.881	96	68263	25.822	ug/L	97
13) Acetone	3.954	43	72261	66.538	ug/L	96
14) Carbon disulfide	4.204	76	235798	24.646	ug/L	99
15) Methyl Acetate	4.485	43	49470	29.173	ug/L	96
16) Methylene chloride	4.728	84	82056	22.686	ug/L	92
17) trans-1,2-Dichloroethene	5.228	96	73186	26.354	ug/L	93
18) Methyl tert-butyl Ether	5.228	73	205712	28.319	ug/L	96
19) 1,1-Dichloroethane	6.027	63	130310	25.889	ug/L	99
20) cis-1,2-Dichloroethene	6.990	96	78650	27.020	ug/L	92
22) 2-Butanone	6.996	43	79880	66.081	ug/L	97
23) Bromochloromethane	7.338	128	37219	28.122	ug/L	88
25) Chloroform	7.515	83	144442	26.203	ug/L	98

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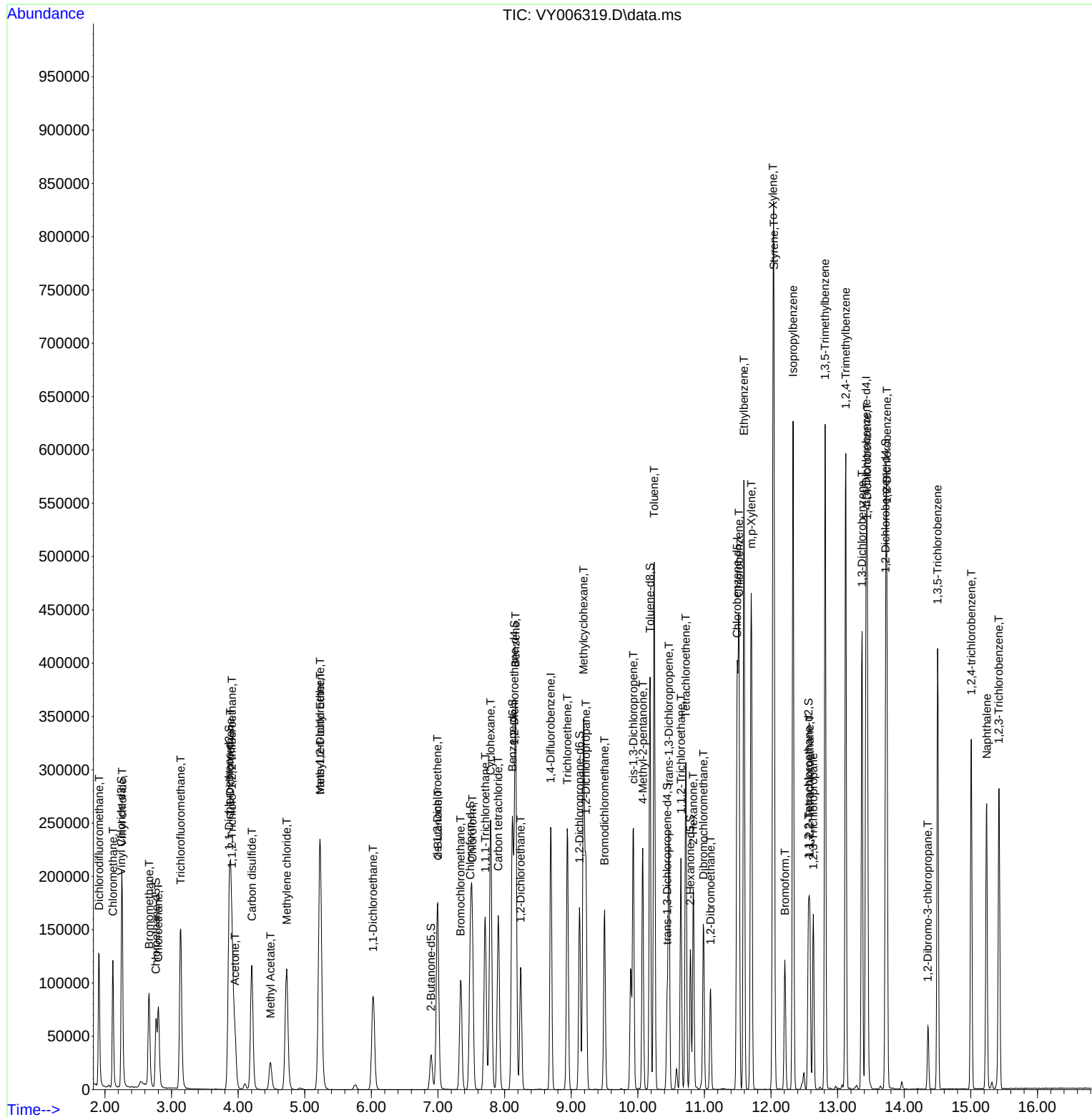
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	107113	27.333	ug/L	98
29) Cyclohexane	7.789	56	130220	26.266	ug/L	95
30) 1,1,1-Trichloroethane	7.710	97	130261	26.624	ug/L	99
31) Carbon tetrachloride	7.905	117	119334	26.952	ug/L	100
33) Benzene	8.167	78	309287	26.285	ug/L	100
34) Trichloroethene	8.941	95	79647	26.644	ug/L	97
35) Methylcyclohexane	9.185	83	137797	26.393	ug/L	99
37) 1,2-Dichloropropane	9.222	63	74604	26.496	ug/L	98
38) Bromodichloromethane	9.502	83	105282	27.247	ug/L	98
39) cis-1,3-Dichloropropene	9.935	75	123546	27.608	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	144834	64.131	ug/L	98
42) Toluene	10.246	91	341606	26.849	ug/L	99
44) trans-1,3-Dichloropropene	10.465	75	119010	28.169	ug/L	97
45) 1,1,2-Trichloroethane	10.648	97	60583	29.131	ug/L	96
46) Tetrachloroethene	10.721	164	66234	26.843	ug/L	96
48) 2-Hexanone	10.831	43	119443	67.781	ug/L	98
49) Dibromochloromethane	10.983	129	74449	28.509	ug/L	97
50) 1,2-Dibromoethane	11.093	107	57697	29.748	ug/L #	97
51) Chlorobenzene	11.520	112	209181	27.147	ug/L	100
52) Ethylbenzene	11.593	91	369357	27.220	ug/L	99
53) m,p-Xylene	11.703	106	142702	27.467	ug/L	98
54) o-Xylene	12.032	106	139049	27.931	ug/L	95
55) Styrene	12.044	104	241266	27.800	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.581	83	67333	29.691	ug/L	99
59) Bromoform	12.209	173	51080	28.930	ug/L #	97
60) Isopropylbenzene	12.331	105	367877	26.046	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	59740	29.104	ug/L	98
62) 1,3,5-Trimethylbenzene	12.812	105	308357	26.807	ug/L	98
63) 1,2,4-Trimethylbenzene	13.123	105	304961	26.864	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	166501	26.301	ug/L	99
65) 1,4-Dichlorobenzene	13.446	146	168626	26.491	ug/L	98
67) 1,2-Dichlorobenzene	13.739	146	154320	26.825	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.355	75	14473	29.264	ug/L	95
69) 1,3,5-Trichlorobenzene	14.501	180	121193	27.071	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	101305	27.988	ug/L	99
71) Naphthalene	15.239	128	215873	30.532	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	90376	28.739	ug/L	99

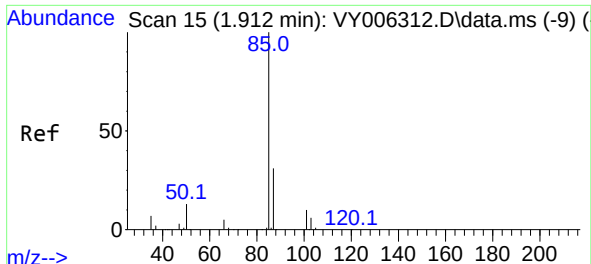
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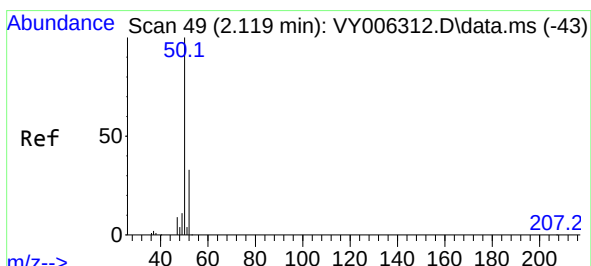
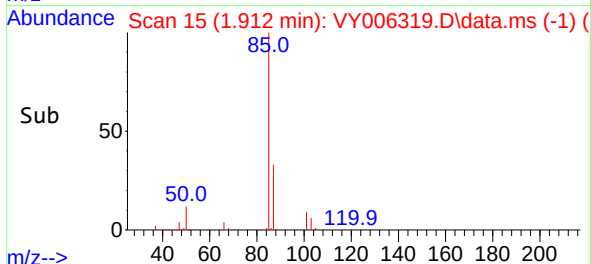
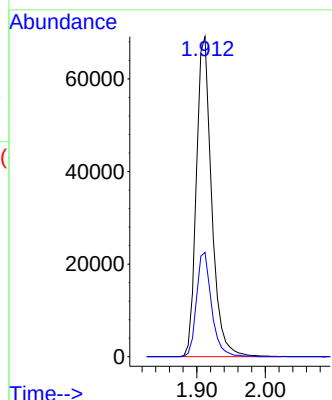
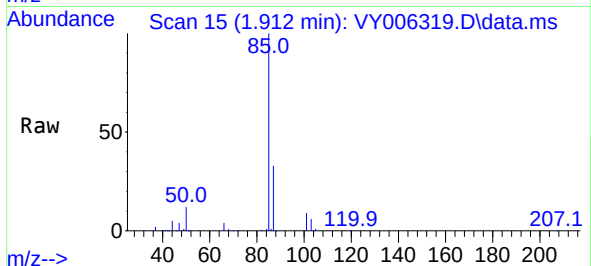




#2
Dichlorodifluoromethane
Concen: 27.971 ug/L
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

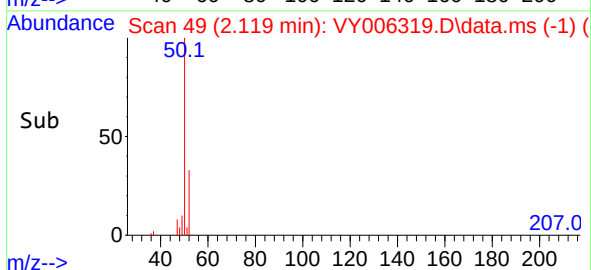
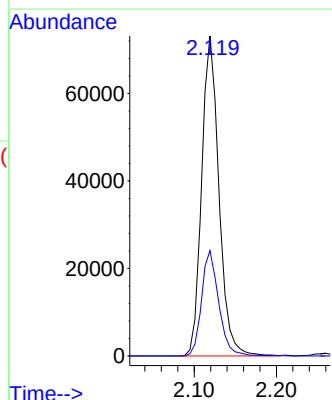
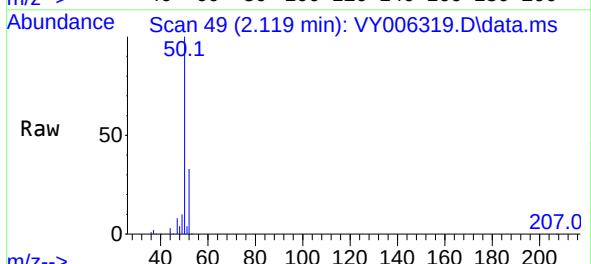
Instrument :
MSVOA_Y
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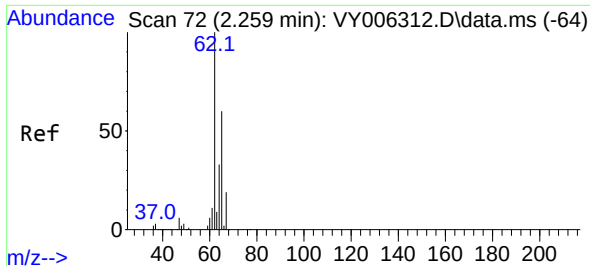
Tgt Ion: 85 Resp: 107267
Ion Ratio Lower Upper
85 100
87 32.1 26.2 39.2



#3
Chloromethane
Concen: 28.465 ug/L
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion: 50 Resp: 106797
Ion Ratio Lower Upper
50 100
52 33.0 21.8 40.4

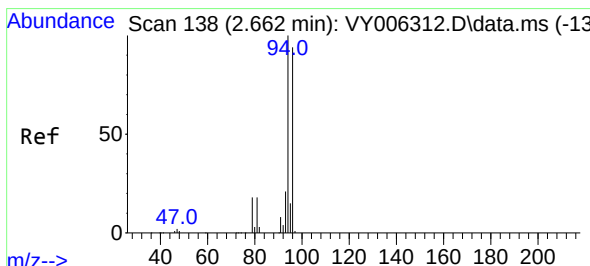
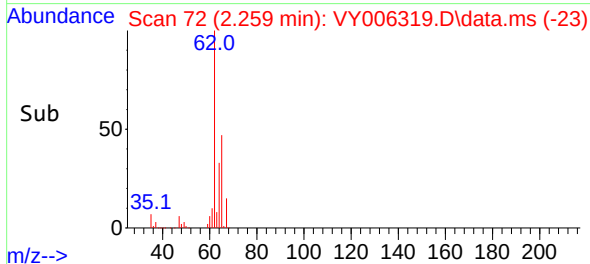
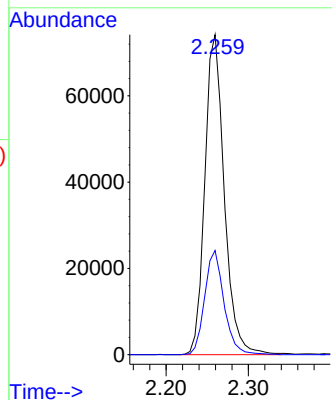
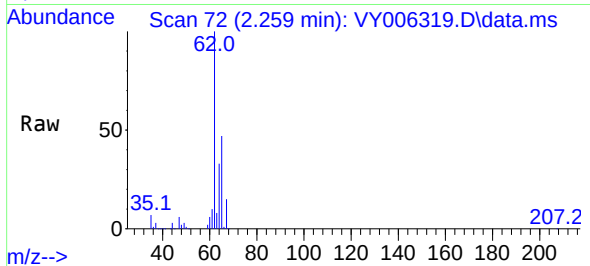




#5
 Vinyl chloride
 Concen: 27.794 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VY006319.D
 Acq: 06 Oct 2021 12:58

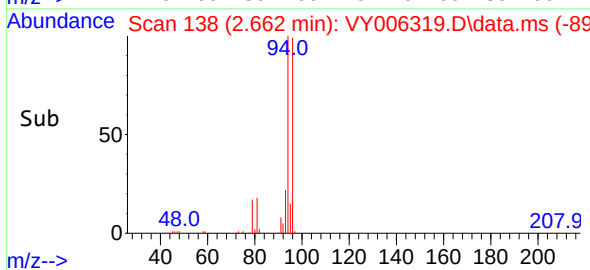
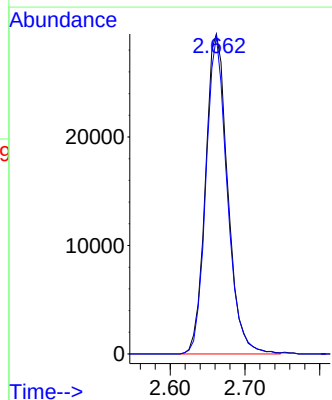
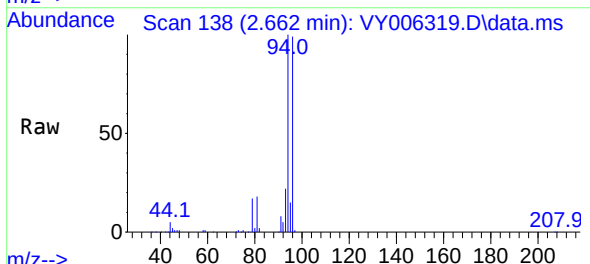
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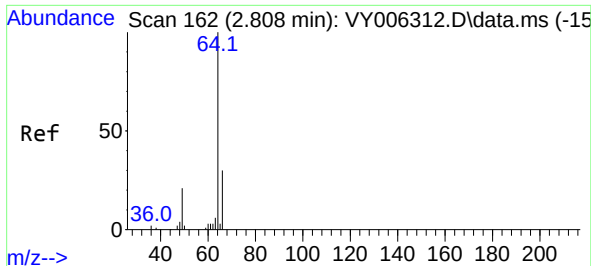
Tgt Ion: 62 Resp: 121993
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4



#6
 Bromomethane
 Concen: 30.648 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY006319.D
 Acq: 06 Oct 2021 12:58

Tgt Ion: 94 Resp: 61014
 Ion Ratio Lower Upper
 94 100
 96 99.3 65.9 122.5





#8

Chloroethane

Concen: 28.349 ug/L

RT: 2.802 min Scan# 161

Delta R.T. -0.006 min

Lab File: VY006319.D

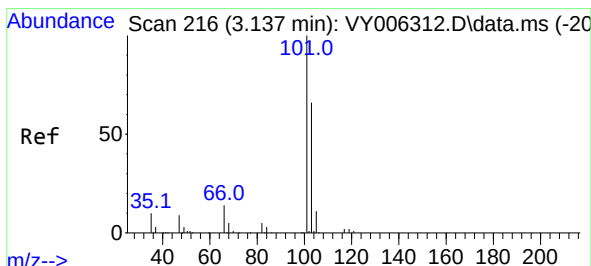
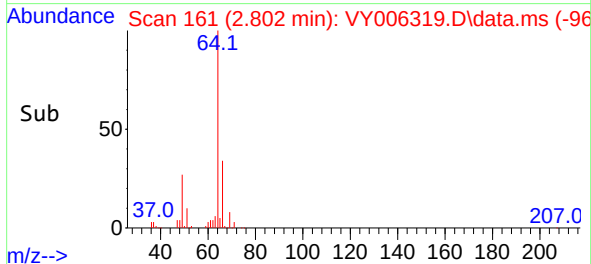
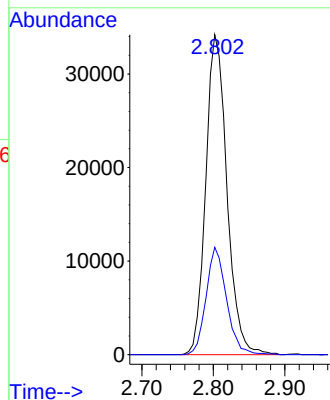
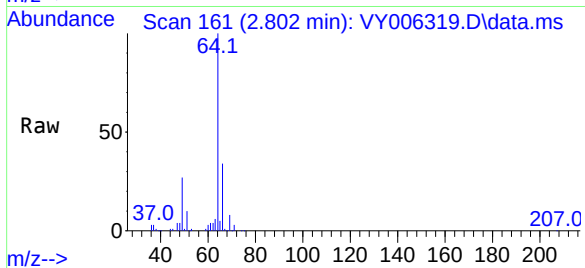
Acq: 06 Oct 2021 12:58

Tgt Ion: 64 Resp: 70414

Ion Ratio Lower Upper

64 100

66 33.6 22.7 42.3



#9

Trichlorofluoromethane

Concen: 28.082 ug/L

RT: 3.137 min Scan# 216

Delta R.T. -0.000 min

Lab File: VY006319.D

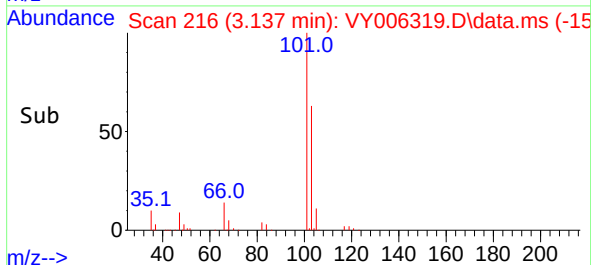
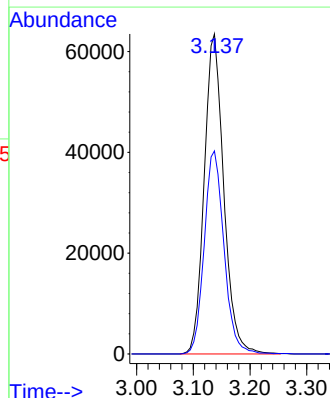
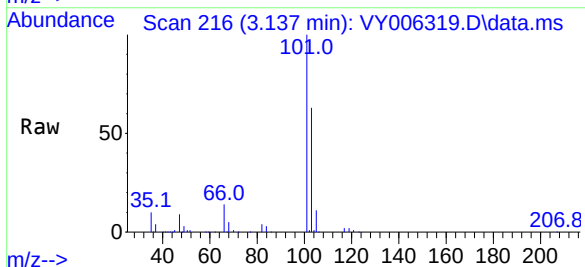
Acq: 06 Oct 2021 12:58

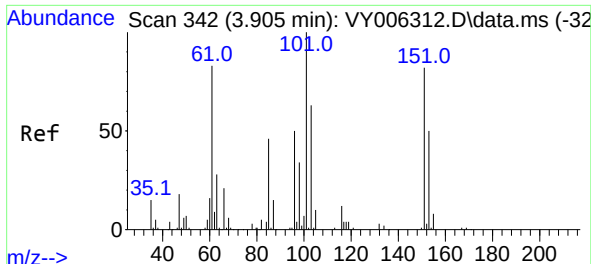
Tgt Ion:101 Resp: 152297

Ion Ratio Lower Upper

101 100

103 64.0 51.4 77.2

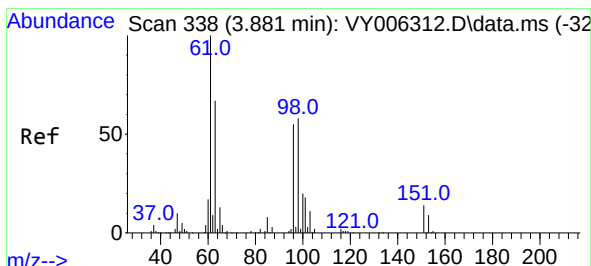
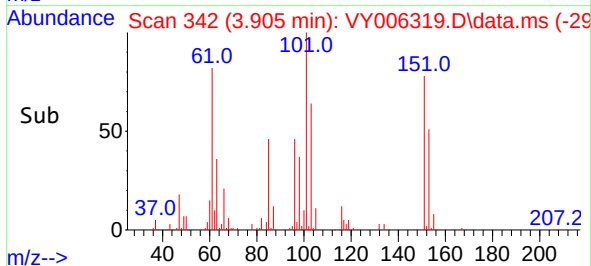
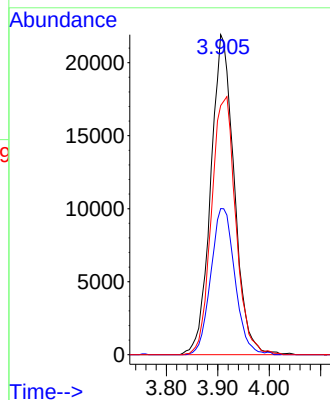
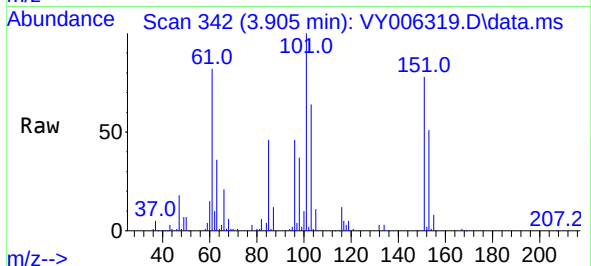




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.386 ug/L
RT: 3.905 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY006319.D
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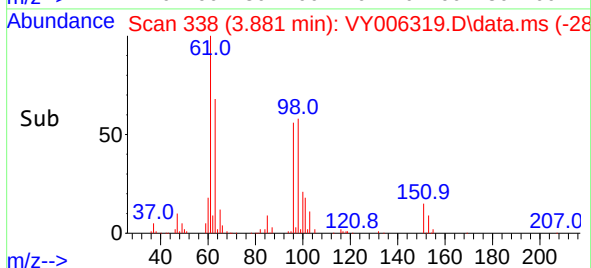
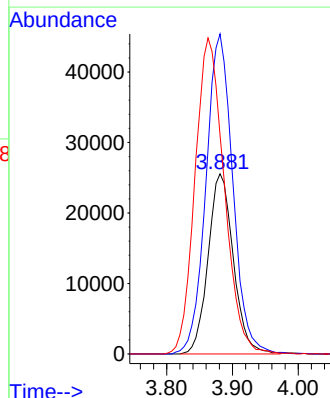
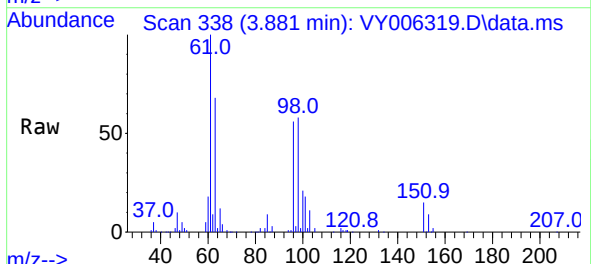
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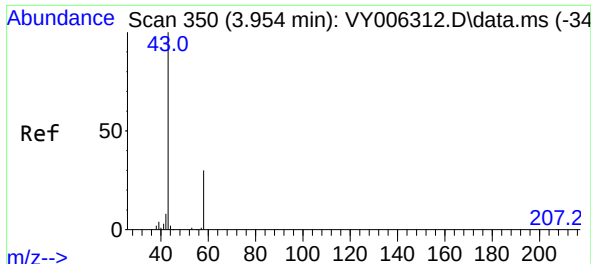
Tgt Ion:	101	Resp:	69533
Ion	Ratio	Lower	Upper
101	100		
85	46.7	36.6	54.8
151	82.8	59.0	88.4



#12
1,1-Dichloroethene
Concen: 25.822 ug/L
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion:	96	Resp:	68263
Ion	Ratio	Lower	Upper
96	100		
61	177.6	121.2	225.2
63	121.3	86.9	161.3

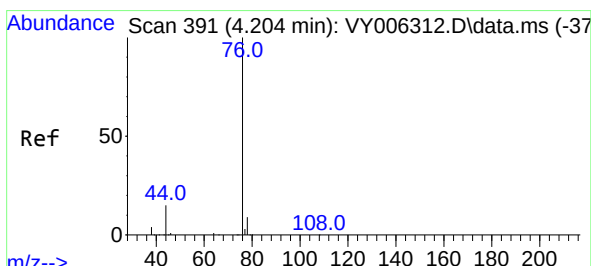
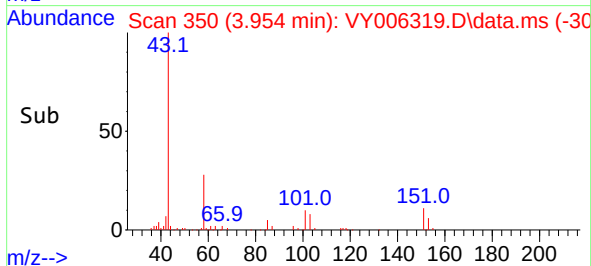
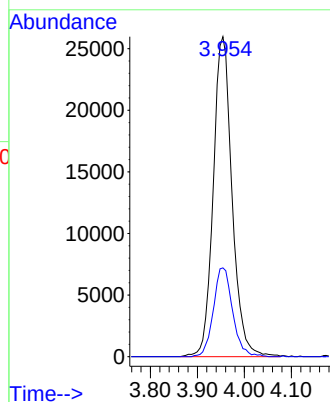
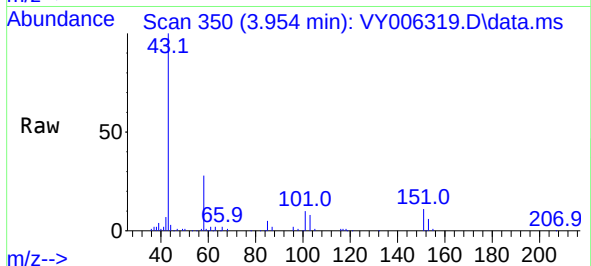




#13
Acetone
Concen: 66.538 ug/L
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

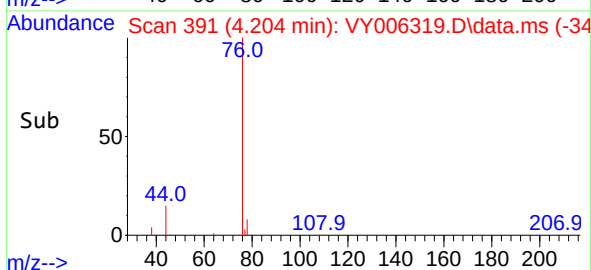
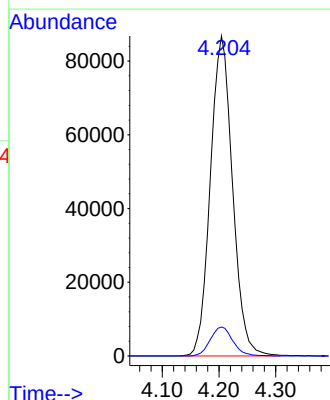
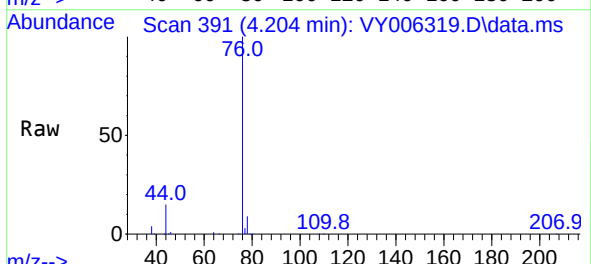
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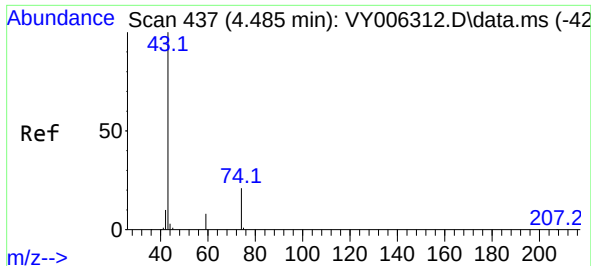
Tgt Ion: 43 Resp: 72261
Ion Ratio Lower Upper
43 100
58 28.4 0.0 61.0



#14
Carbon disulfide
Concen: 24.646 ug/L
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 235798
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

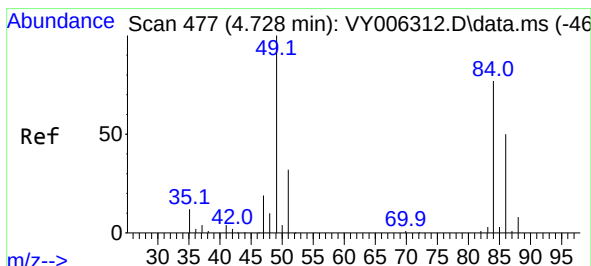
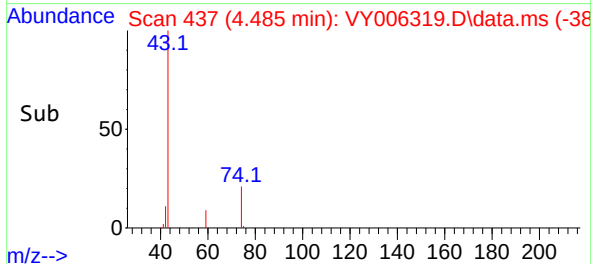
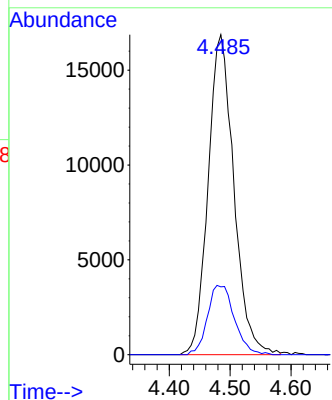
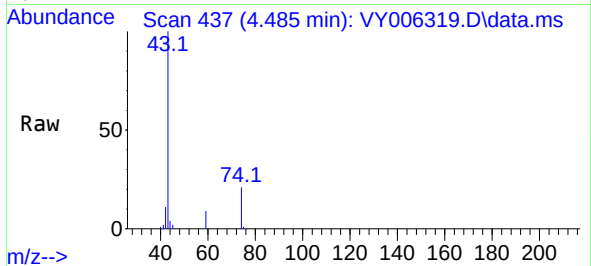




#15
Methyl Acetate
Concen: 29.173 ug/L
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

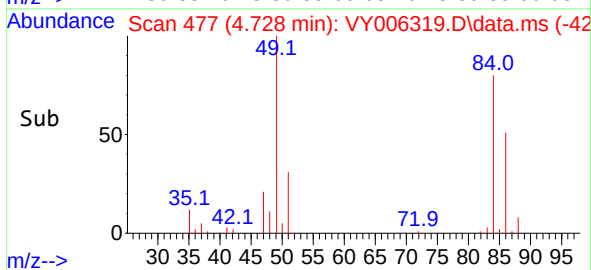
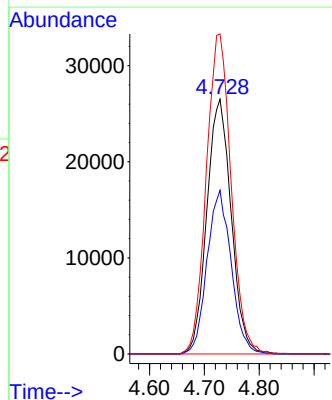
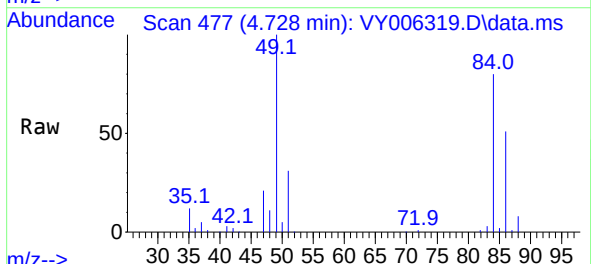
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

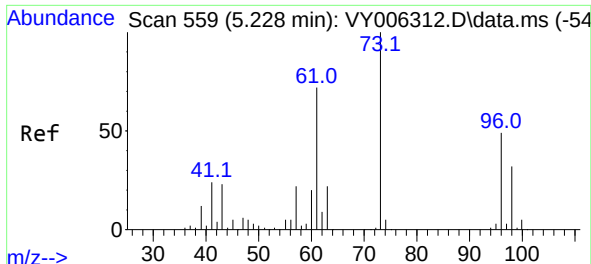
Tgt Ion: 43 Resp: 49470
Ion Ratio Lower Upper
43 100
74 22.5 16.7 25.1



#16
Methylene chloride
Concen: 22.686 ug/L
RT: 4.728 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion: 84 Resp: 82056
Ion Ratio Lower Upper
84 100
86 64.3 43.2 80.2
49 125.7 96.0 178.4

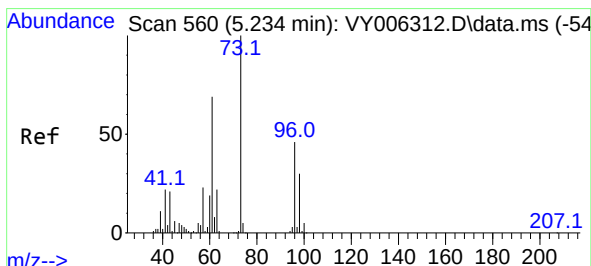
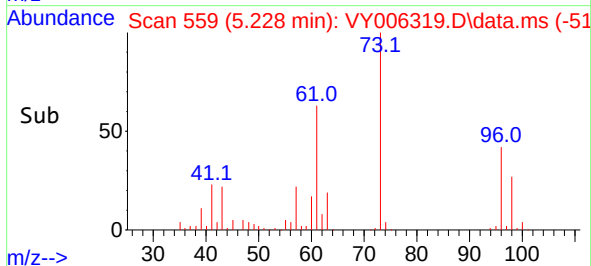
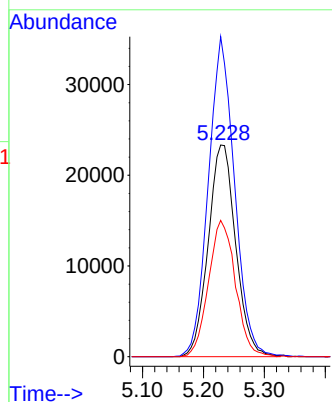
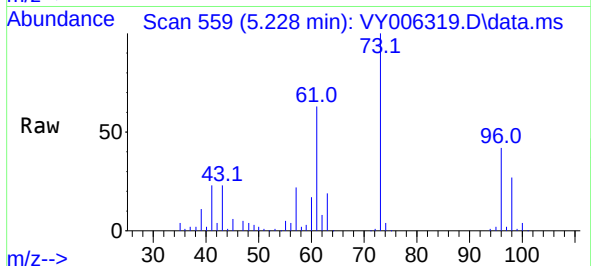




#17
trans-1,2-Dichloroethene
Concen: 26.354 ug/L
RT: 5.228 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

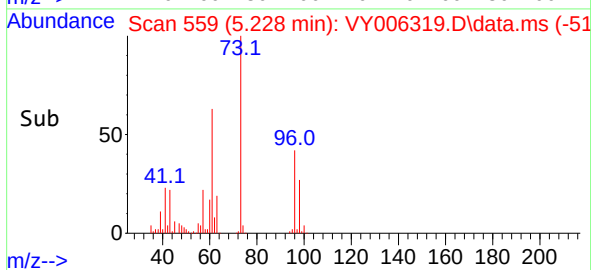
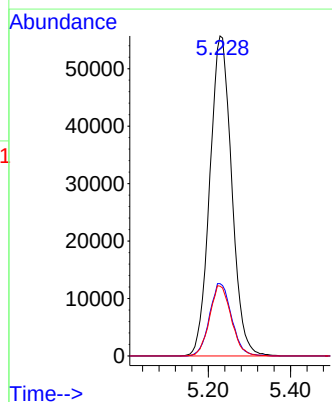
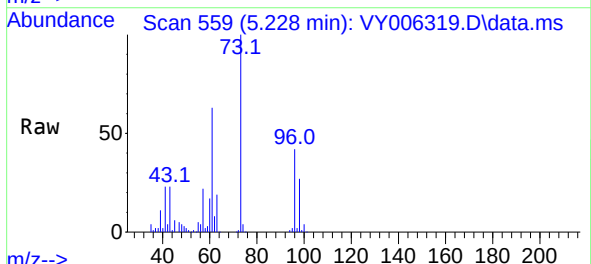
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

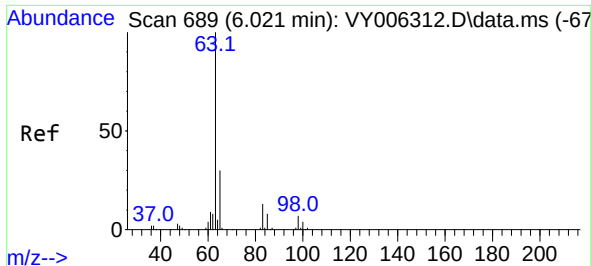
Tgt Ion: 96 Resp: 73186
Ion Ratio Lower Upper
96 100
61 151.1 97.6 181.2
98 64.4 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 28.319 ug/L
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion: 73 Resp: 205712
Ion Ratio Lower Upper
73 100
43 22.7 16.8 25.2
57 21.7 18.7 28.1





#19

1,1-Dichloroethane

Concen: 25.889 ug/L

RT: 6.027 min Scan# 690

Delta R.T. 0.006 min

Lab File: VY006319.D

Acq: 06 Oct 2021 12:58

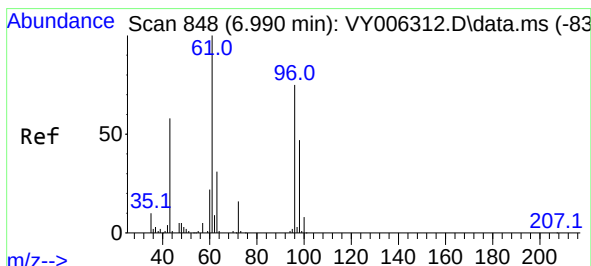
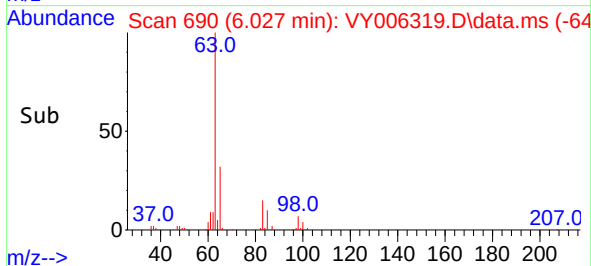
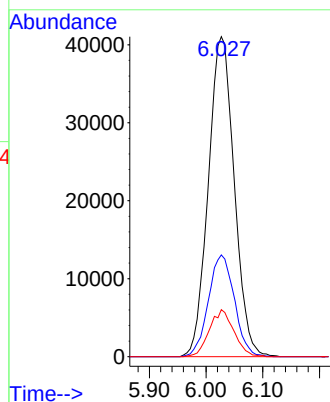
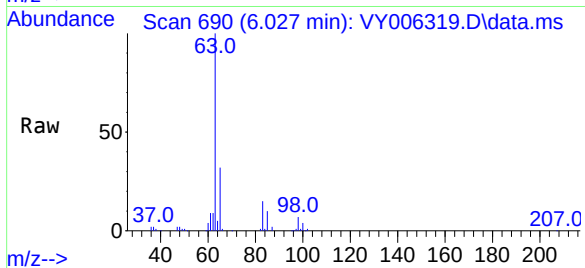
Tgt Ion: 63 Resp: 130310

Ion Ratio Lower Upper

63 100

65 31.8 22.4 41.6

83 14.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 27.020 ug/L

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY006319.D

Acq: 06 Oct 2021 12:58

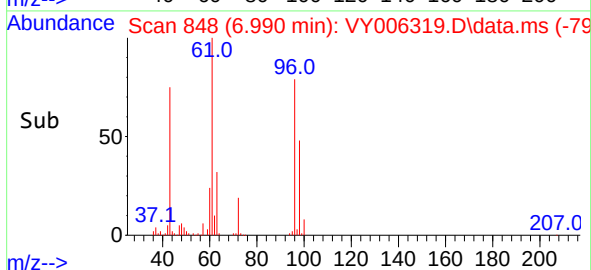
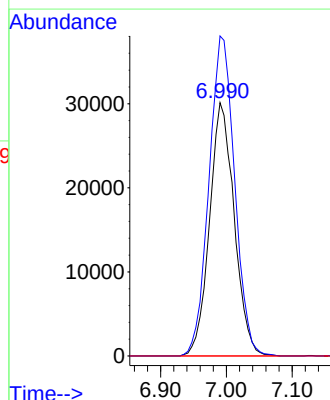
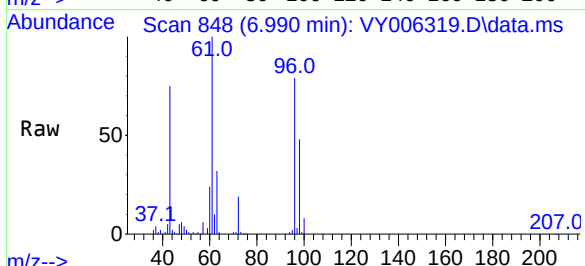
Tgt Ion: 96 Resp: 78650

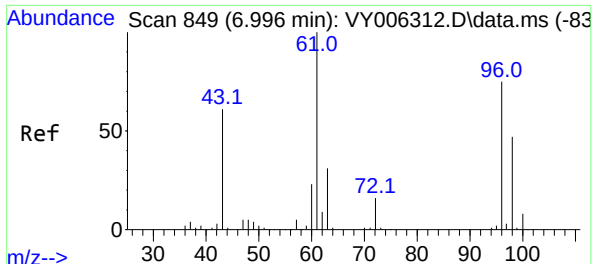
Ion Ratio Lower Upper

96 100

61 126.4 94.8 176.2

68 0.0 0.0 0.0

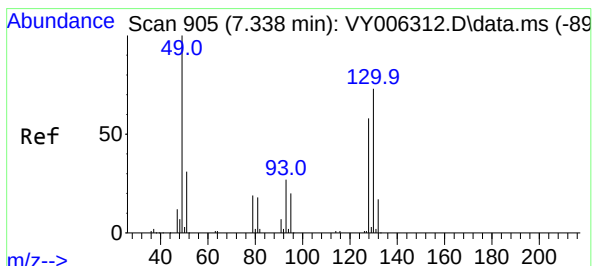
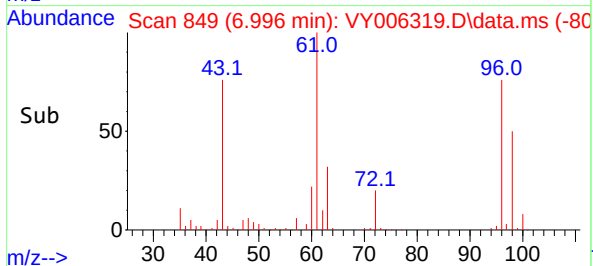
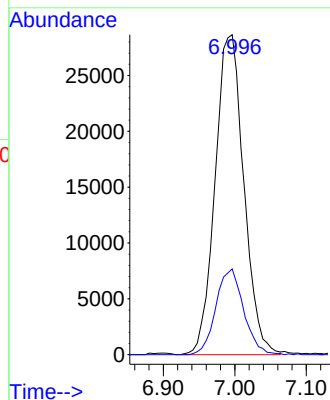
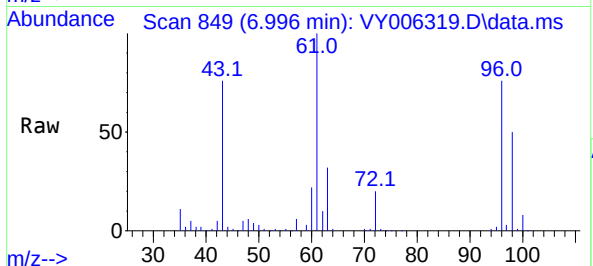




#22
2-Butanone
Concen: 66.081 ug/L
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

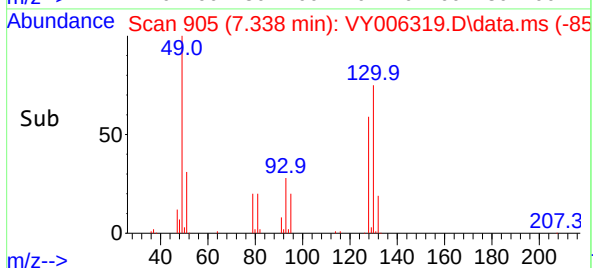
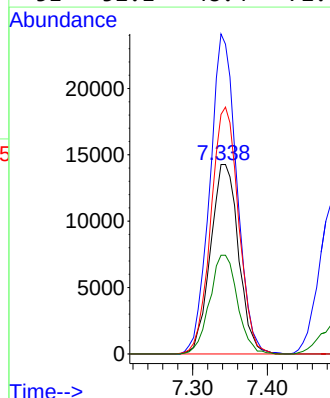
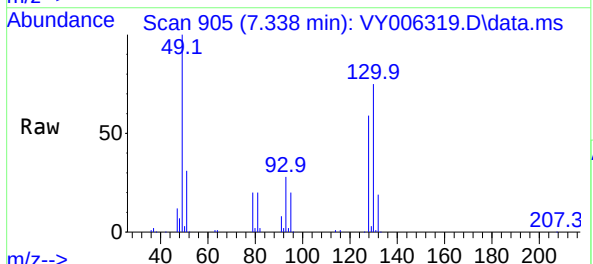
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

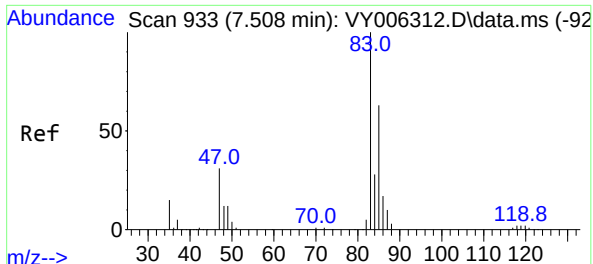
Tgt Ion: 43 Resp: 79880
Ion Ratio Lower Upper
43 100
72 25.8 12.2 36.6



#23
Bromochloromethane
Concen: 28.122 ug/L
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion:128 Resp: 37219
Ion Ratio Lower Upper
128 100
49 168.9 138.9 258.1
130 126.4 88.3 164.1
51 52.1 48.4 72.6

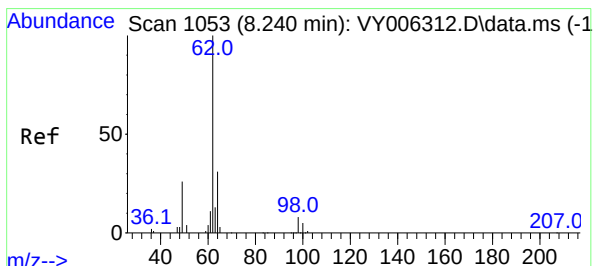
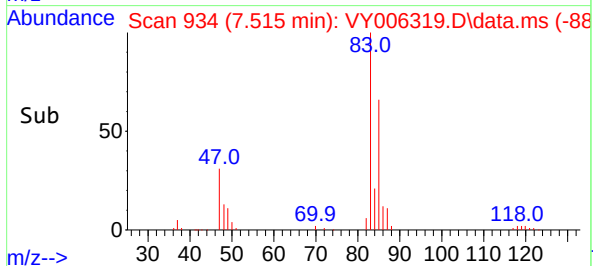
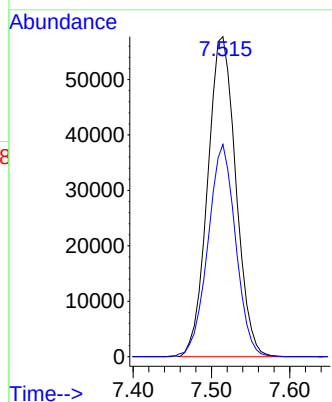
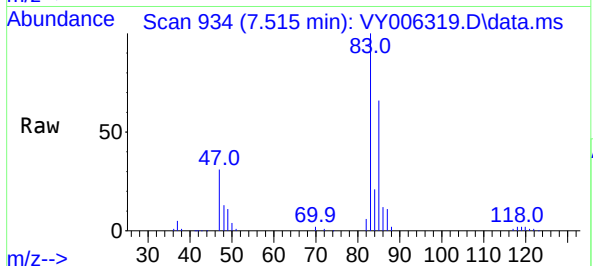




#25
Chloroform
Concen: 26.203 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.006 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

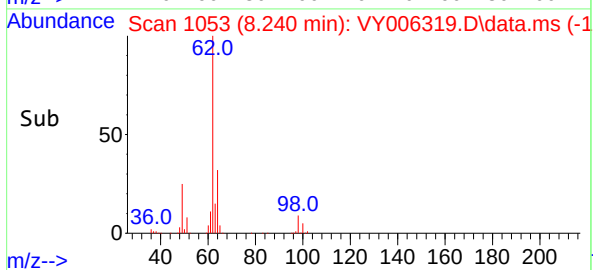
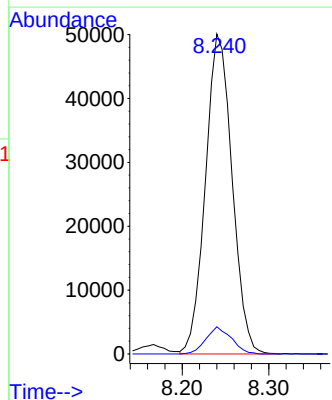
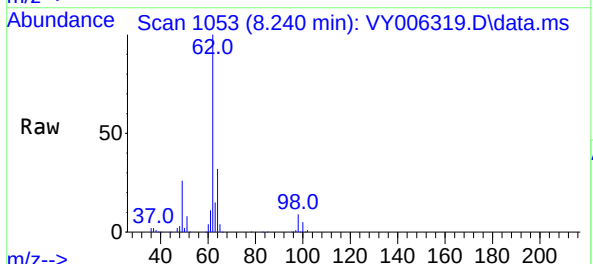
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

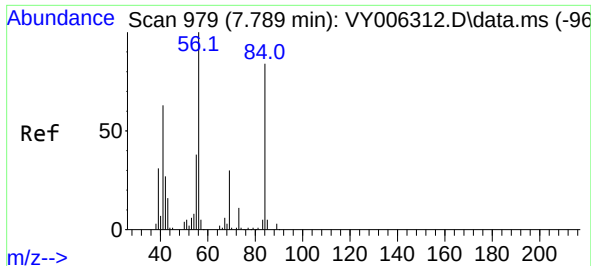
Tgt Ion: 83 Resp: 144442
Ion Ratio Lower Upper
83 100
85 66.3 45.4 84.4



#27
1,2-Dichloroethane
Concen: 27.333 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion: 62 Resp: 107113
Ion Ratio Lower Upper
62 100
98 8.5 7.5 11.3





#29

Cyclohexane

Concen: 26.266 ug/L

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

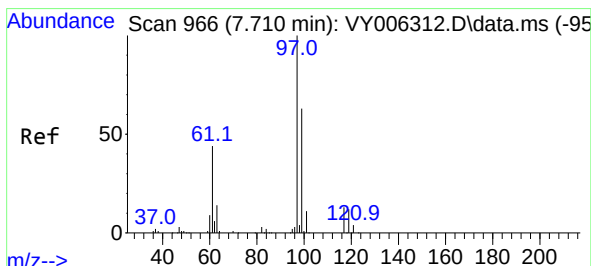
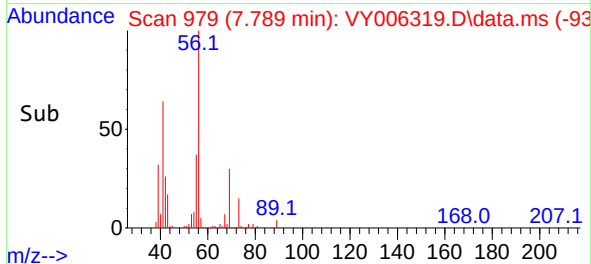
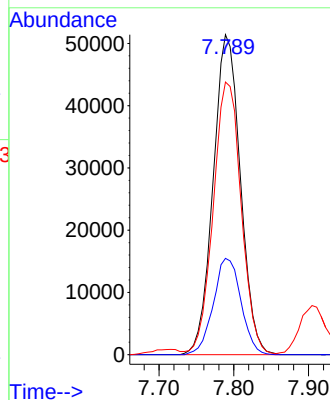
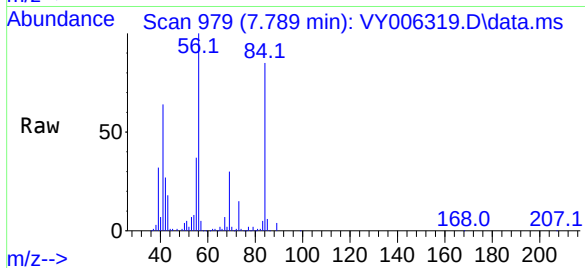
Lab File: VY006319.D

Acq: 06 Oct 2021 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

Tgt Ion: 56 Resp: 130220

Ion	Ratio	Lower	Upper
56	100		
69	30.6	22.6	33.8
84	87.6	66.1	99.1



#30

1,1,1-Trichloroethane

Concen: 26.624 ug/L

RT: 7.710 min Scan# 966

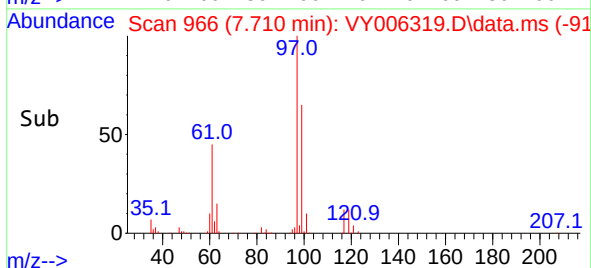
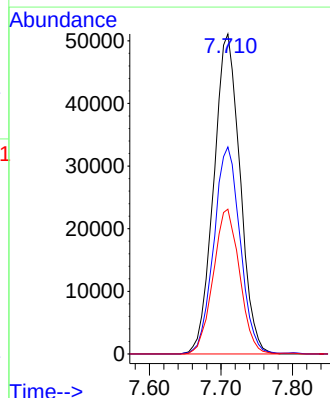
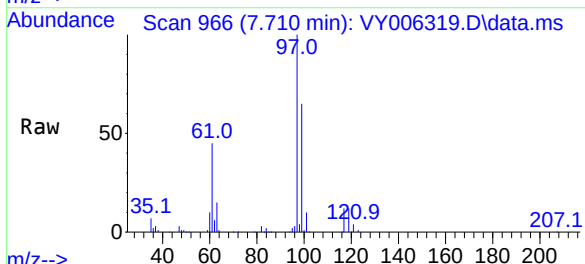
Delta R.T. -0.000 min

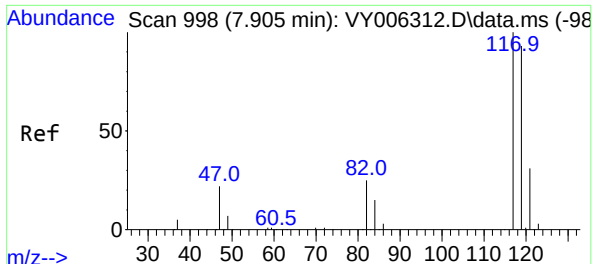
Lab File: VY006319.D

Acq: 06 Oct 2021 12:58

Tgt Ion: 97 Resp: 130261

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.8	77.6
61	45.5	37.3	55.9

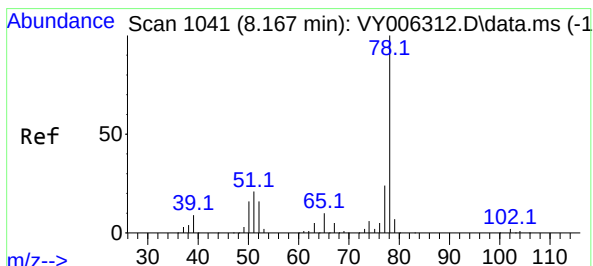
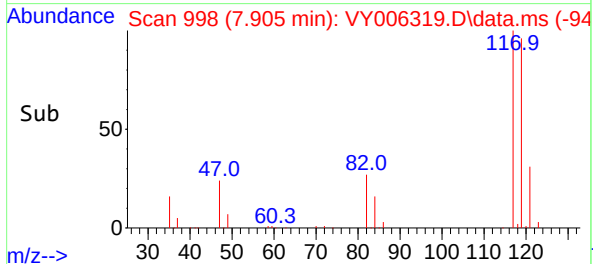
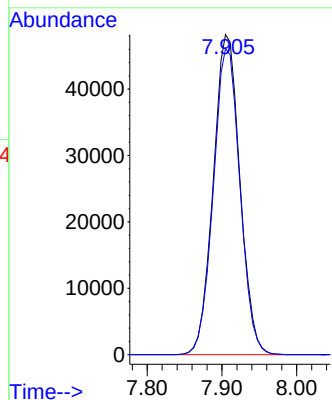
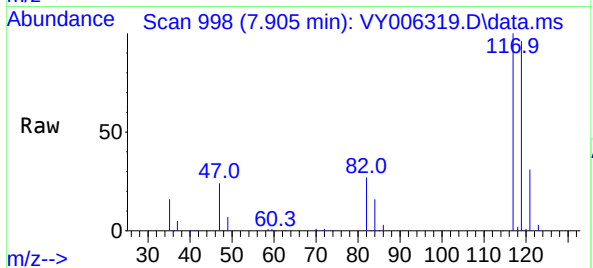




#31
Carbon tetrachloride
Concen: 26.952 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

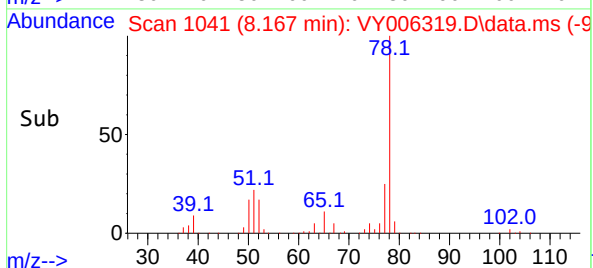
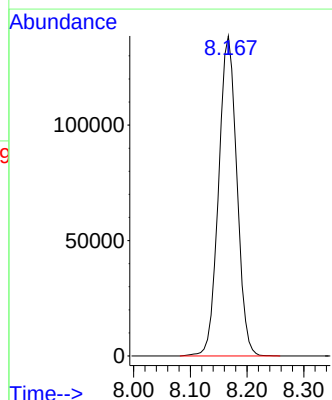
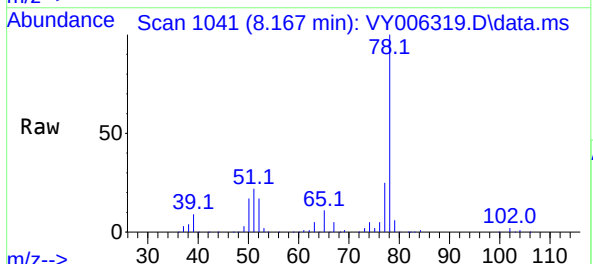
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

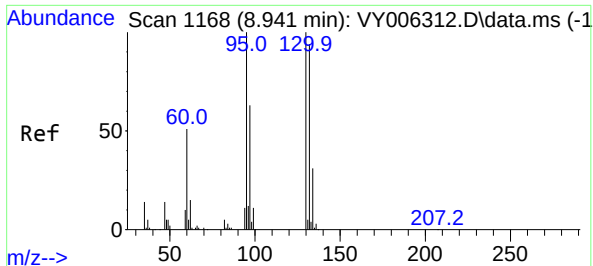
Tgt Ion:117 Resp: 119334
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.2



#33
Benzene
Concen: 26.285 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion: 78 Resp: 309287

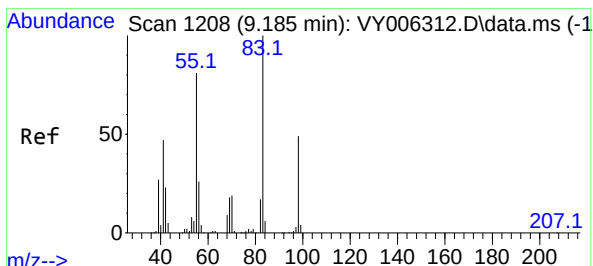
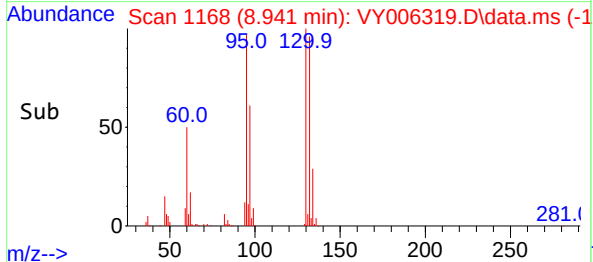
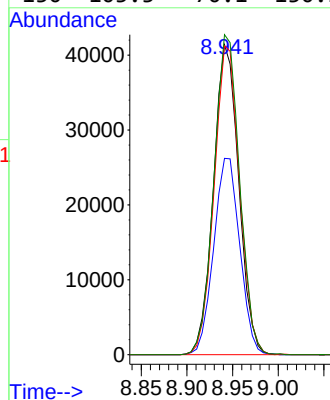
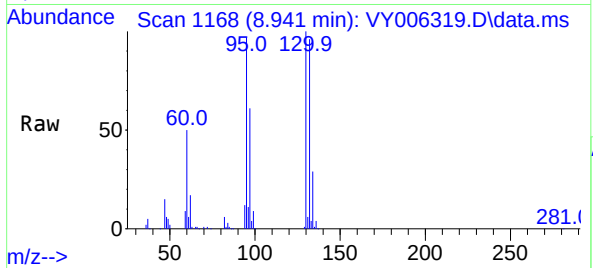




#34
Trichloroethene
Concen: 26.644 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

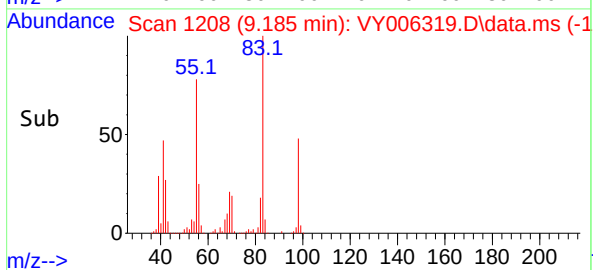
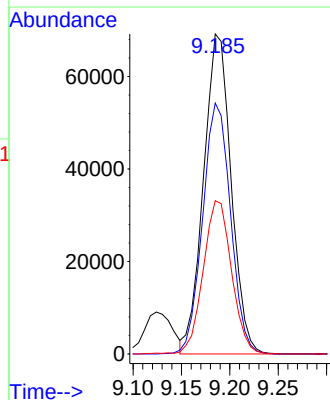
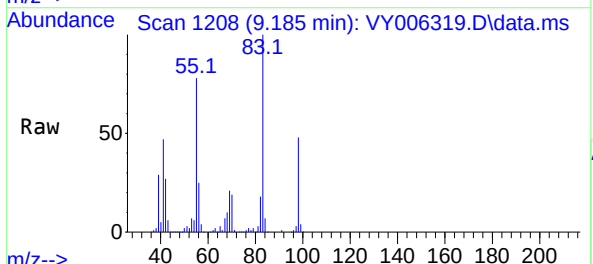
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

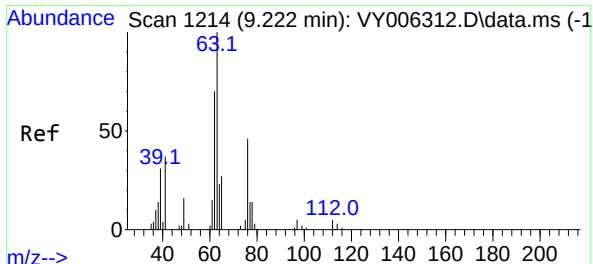
Tgt Ion: 95 Resp: 79647
Ion Ratio Lower Upper
95 100
97 63.4 44.2 82.2
132 99.7 66.8 124.0
130 103.3 70.1 130.1



#35
Methylcyclohexane
Concen: 26.393 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion: 83 Resp: 137797
Ion Ratio Lower Upper
83 100
55 79.2 63.9 95.9
98 48.9 38.7 58.1

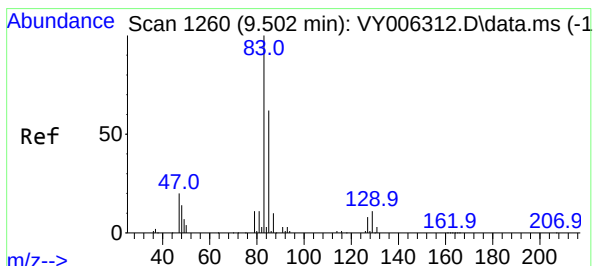
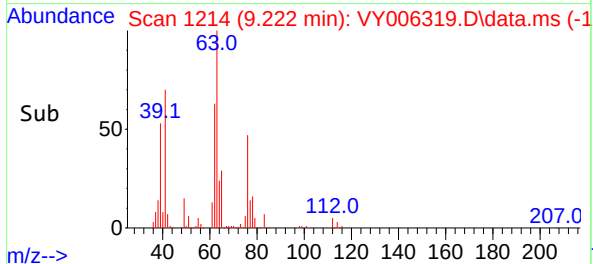
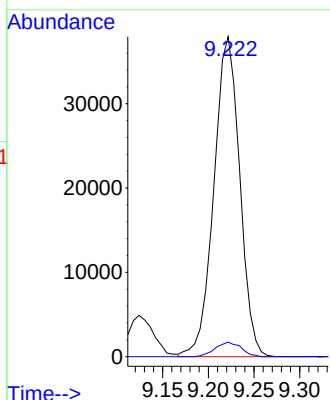
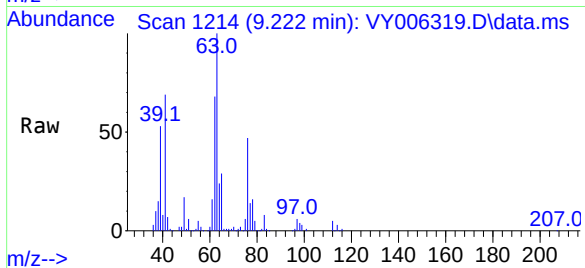




#37
1,2-Dichloropropane
Concen: 26.496 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

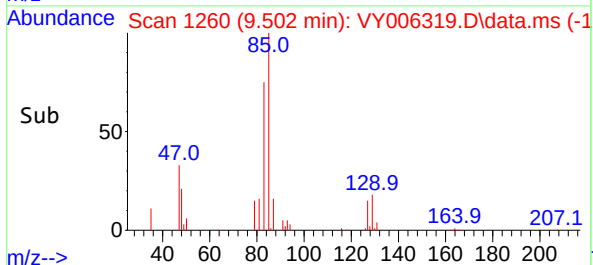
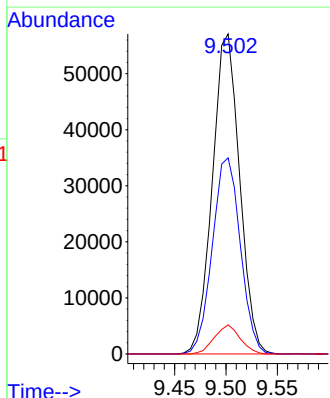
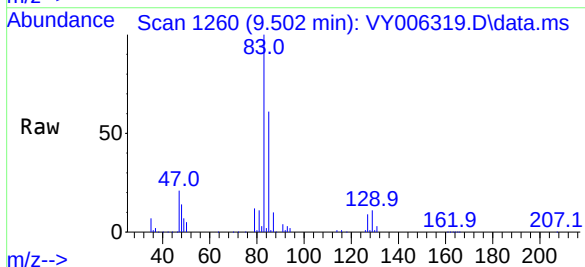
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

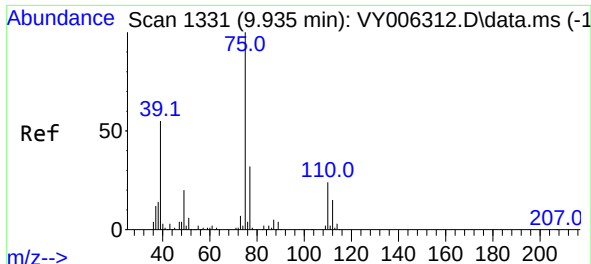
Tgt Ion: 63 Resp: 74604
Ion Ratio Lower Upper
63 100
112 4.5 3.1 4.7



#38
Bromodichloromethane
Concen: 27.247 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion: 83 Resp: 105282
Ion Ratio Lower Upper
83 100
85 61.3 44.1 81.9
127 9.1 6.9 10.3

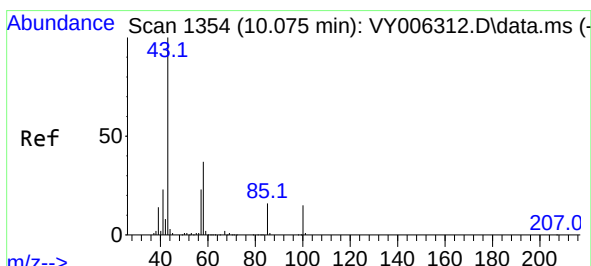
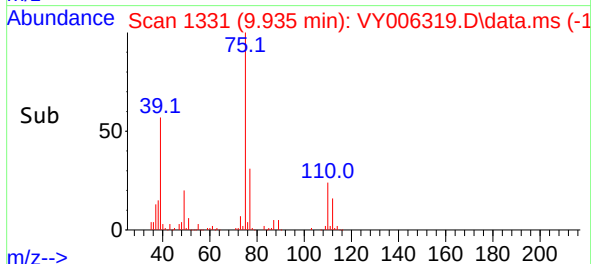
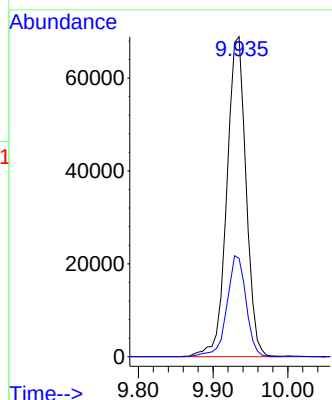
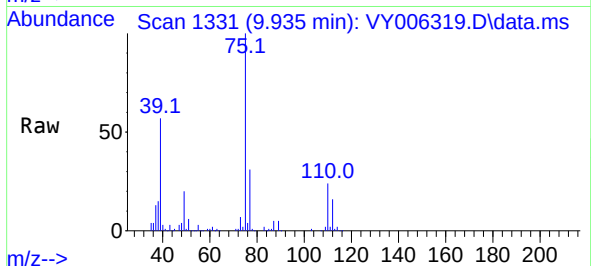




#39
cis-1,3-Dichloropropene
Concen: 27.608 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

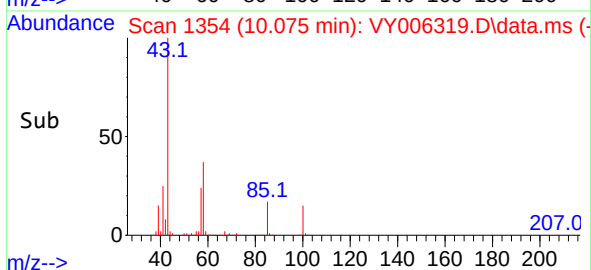
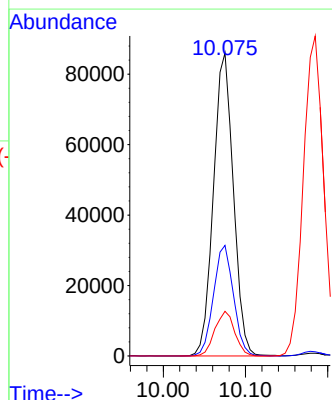
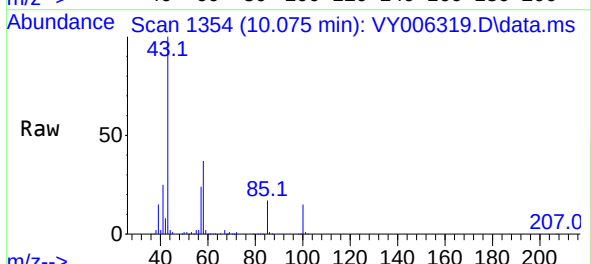
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

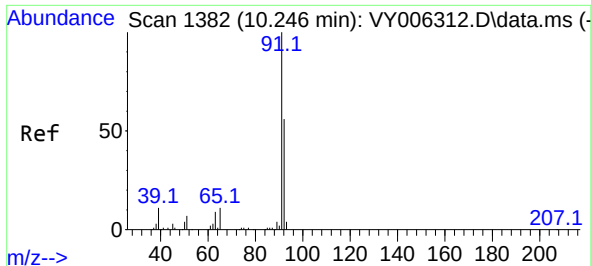
Tgt Ion: 75 Resp: 123546
Ion Ratio Lower Upper
75 100
77 30.7 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 64.131 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion: 43 Resp: 144834
Ion Ratio Lower Upper
43 100
58 36.6 28.5 42.7
100 14.7 10.4 15.6

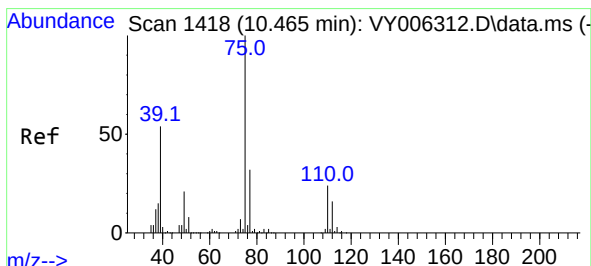
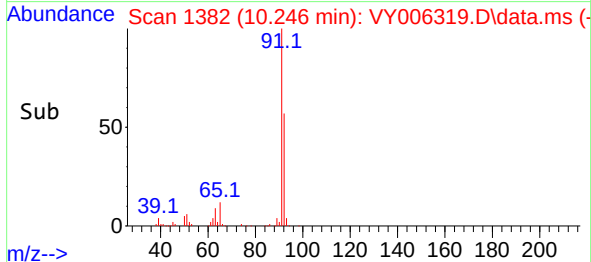
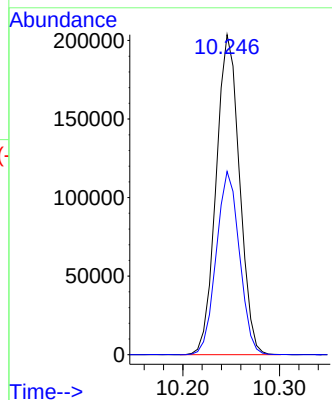
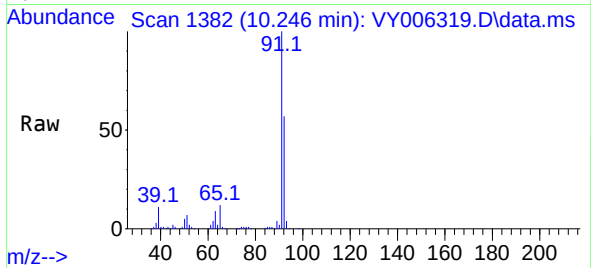




#42
Toluene
Concen: 26.849 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

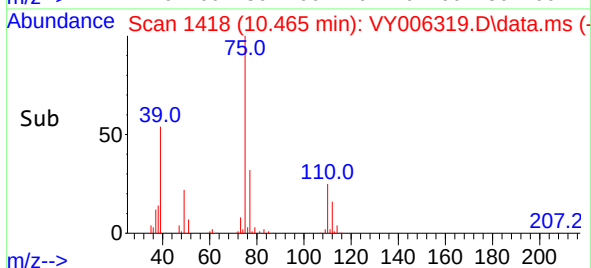
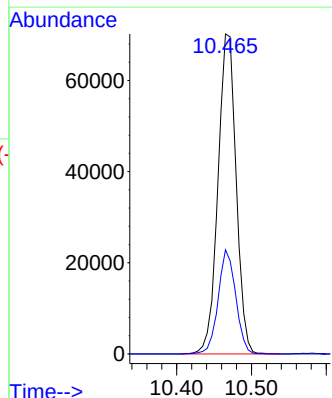
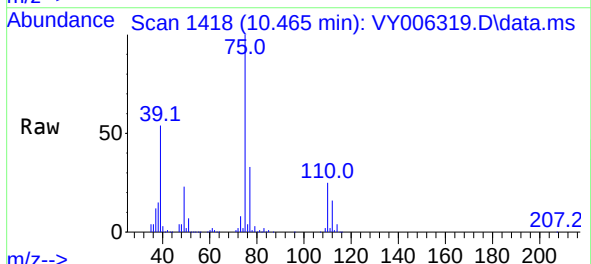
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

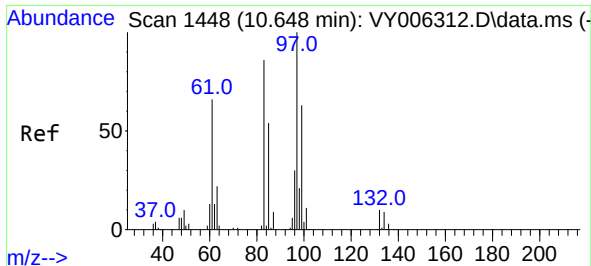
Tgt Ion: 91 Resp: 341606
Ion Ratio Lower Upper
91 100
92 57.3 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 28.169 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion: 75 Resp: 119010
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.4



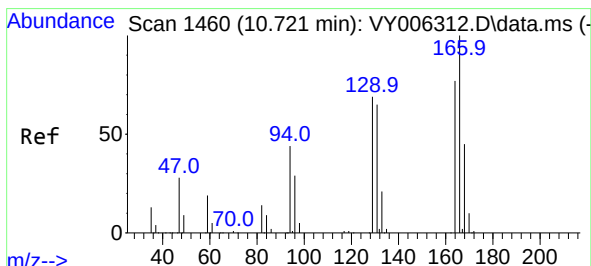
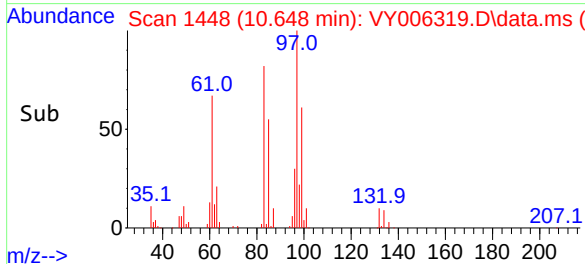
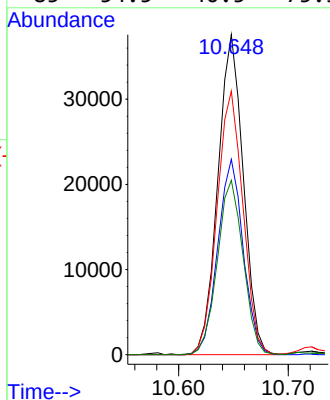
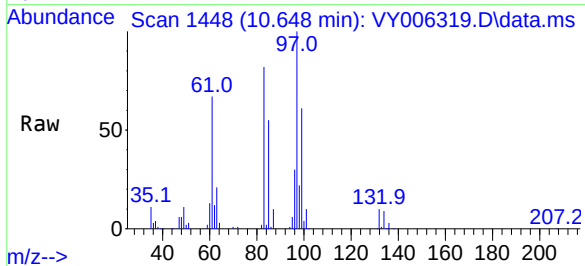


#45
1,1,2-Trichloroethane
Concen: 29.131 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

Tgt Ion: 97 Resp: 60583

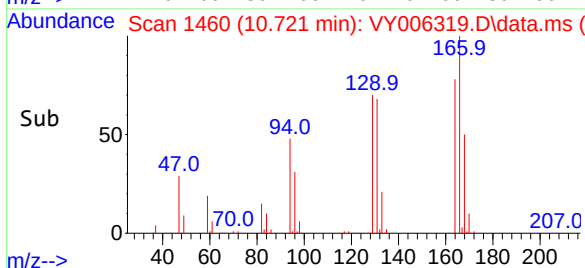
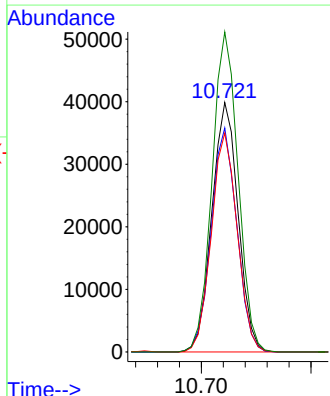
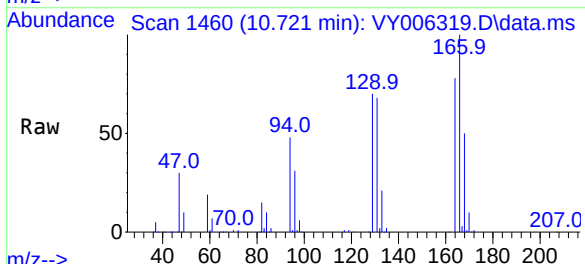
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.2	82.0
83	82.3	61.1	113.5
85	54.5	40.5	75.3

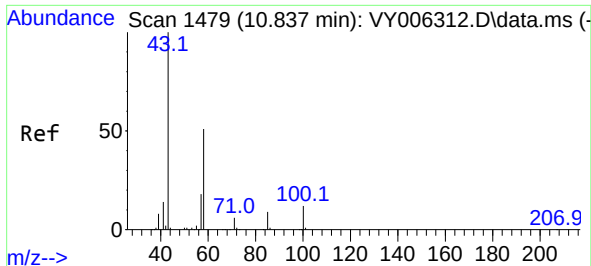


#46
Tetrachloroethene
Concen: 26.843 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion: 164 Resp: 66234

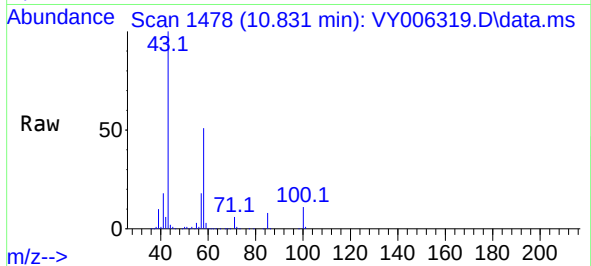
Ion	Ratio	Lower	Upper
164	100		
129	89.8	65.9	122.3
131	87.8	61.9	115.1
166	128.3	85.3	158.3



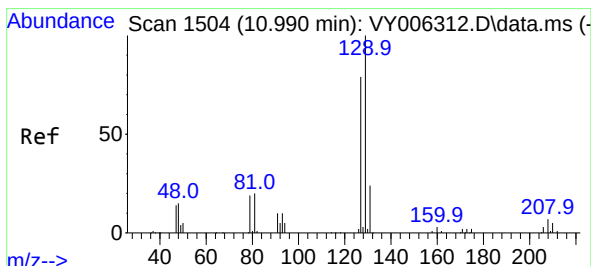
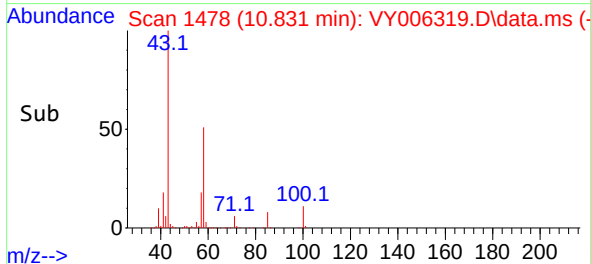
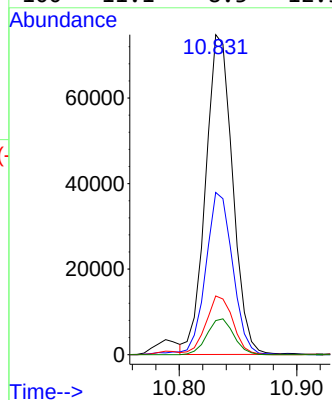


#48
2-Hexanone
Concen: 67.781 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

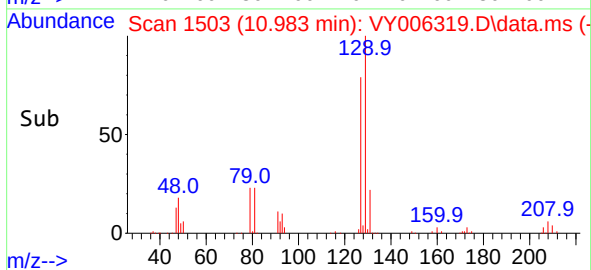
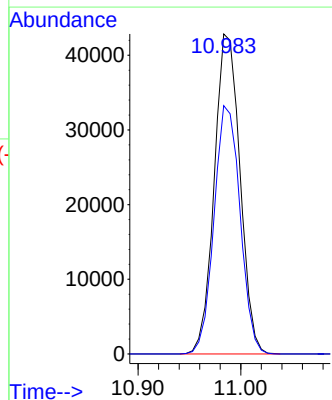
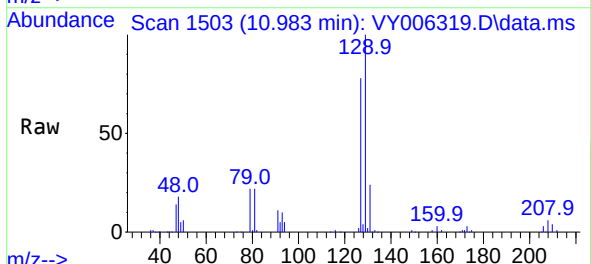


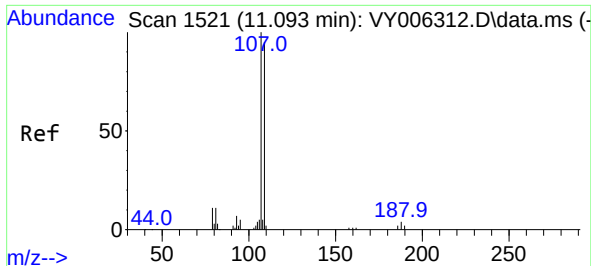
Tgt Ion: 43 Resp: 119443
Ion Ratio Lower Upper
43 100
58 50.4 41.1 61.7
57 18.4 13.8 20.6
100 11.1 8.3 12.5



#49
Dibromochloromethane
Concen: 28.509 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion: 129 Resp: 74449
Ion Ratio Lower Upper
129 100
127 77.6 52.8 98.0

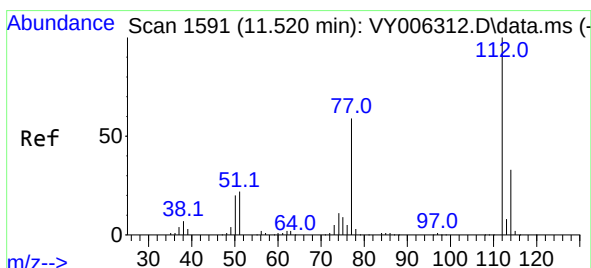
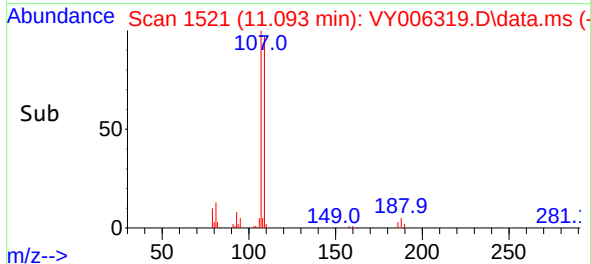
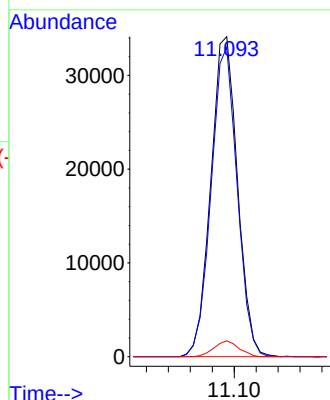
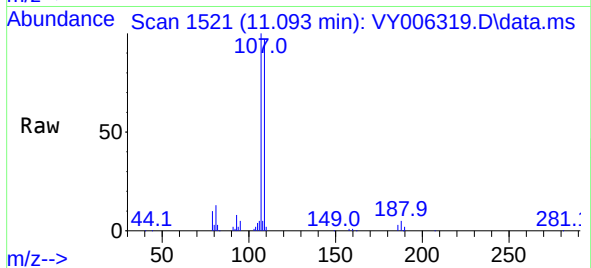




#50
1,2-Dibromoethane
Concen: 29.748 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

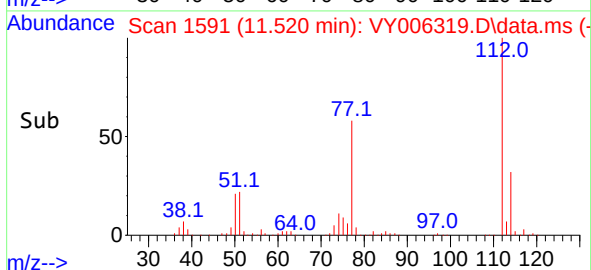
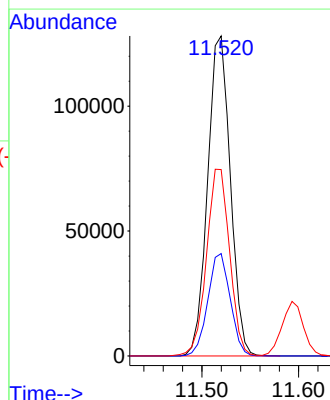
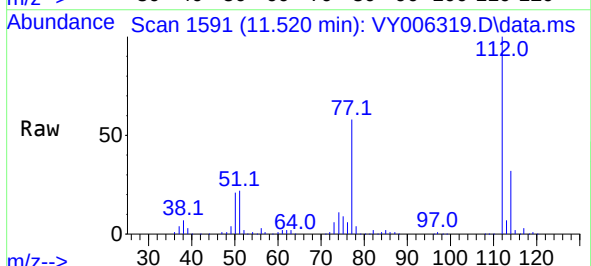
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

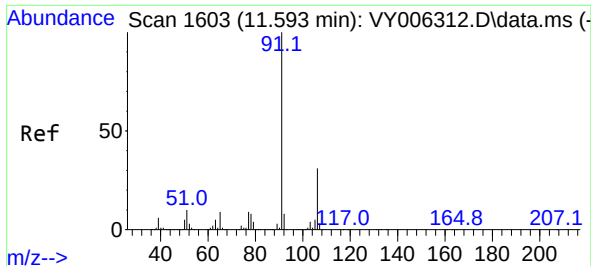
Tgt Ion:107 Resp: 57697
Ion Ratio Lower Upper
107 100
109 96.7 65.7 121.9
188 5.0 2.8 4.2#



#51
Chlorobenzene
Concen: 27.147 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion:112 Resp: 209181
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 58.3 46.5 69.7

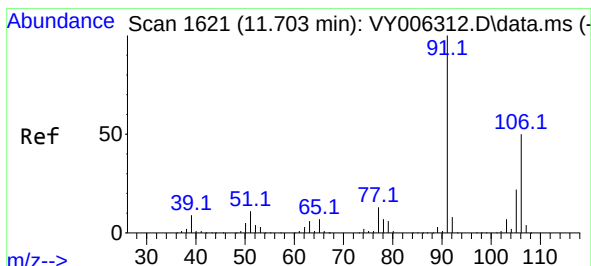
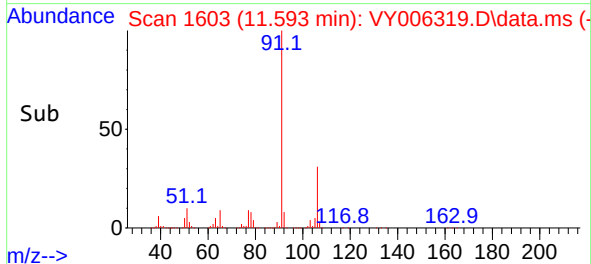
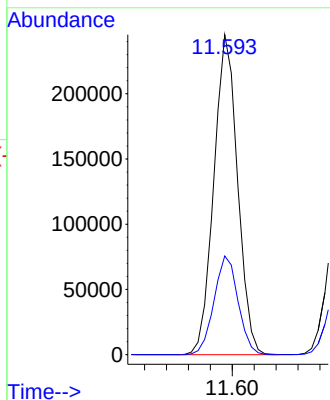
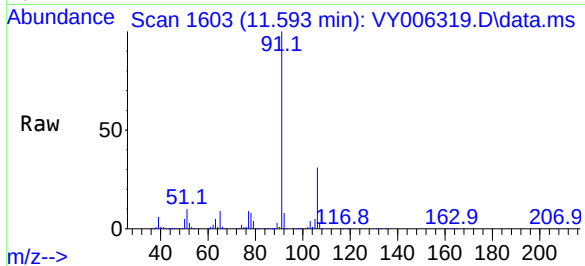




#52
Ethylbenzene
Concen: 27.220 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

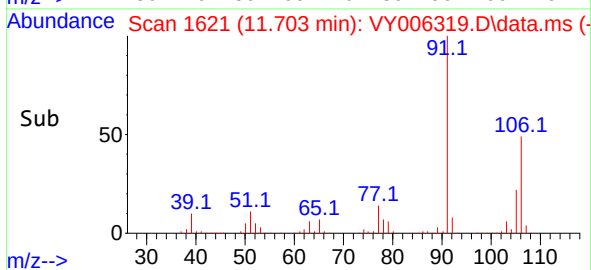
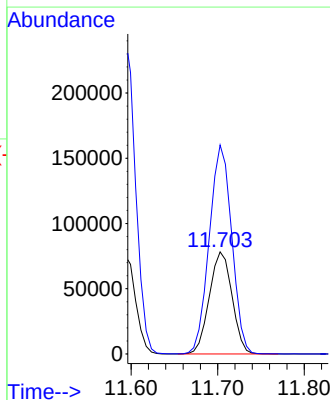
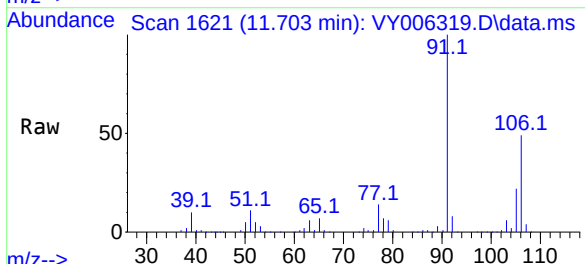
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

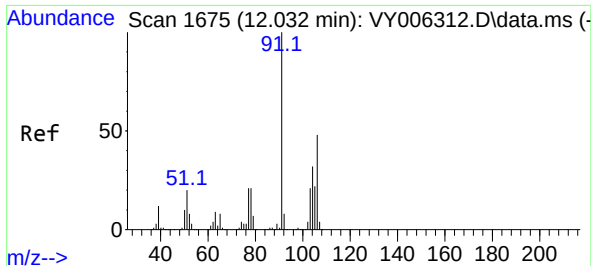
Tgt Ion: 91 Resp: 369357
Ion Ratio Lower Upper
91 100
106 30.9 21.2 39.4



#53
m,p-Xylene
Concen: 27.467 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion:106 Resp: 142702
Ion Ratio Lower Upper
106 100
91 204.7 145.7 270.5

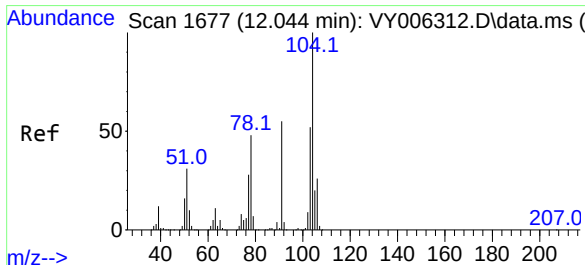
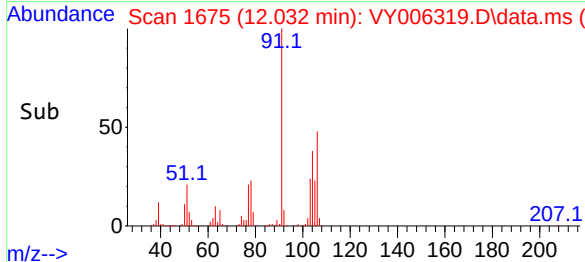
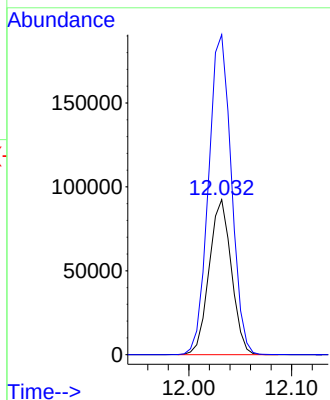
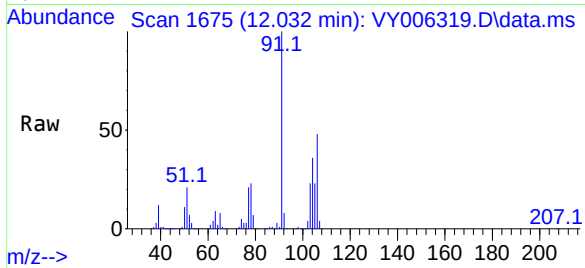




#54
o-Xylene
Concen: 27.931 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

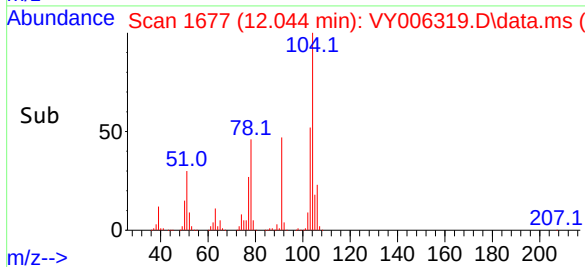
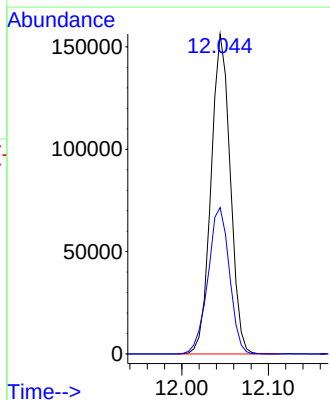
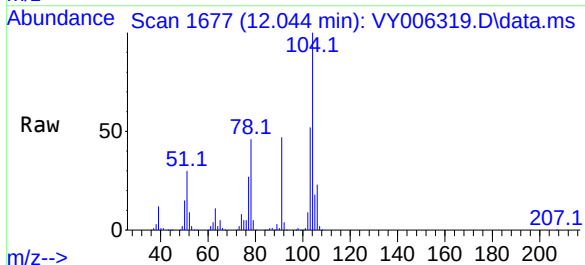
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

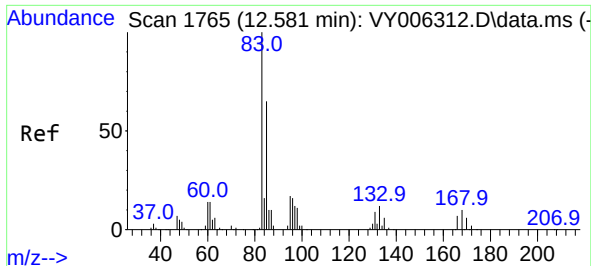
Tgt Ion:106 Resp: 139049
Ion Ratio Lower Upper
106 100
91 206.4 150.6 279.6



#55
Styrene
Concen: 27.800 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion:104 Resp: 241266
Ion Ratio Lower Upper
104 100
78 45.7 31.8 59.0

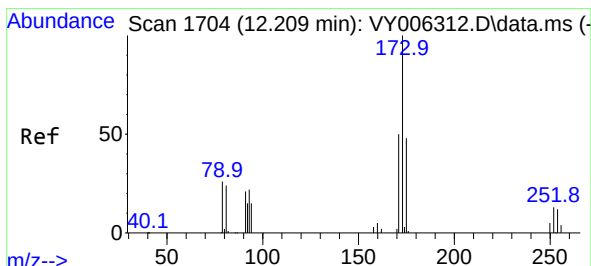
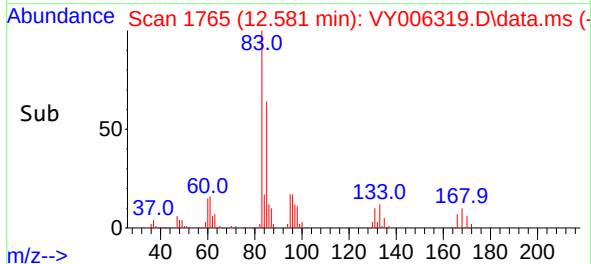
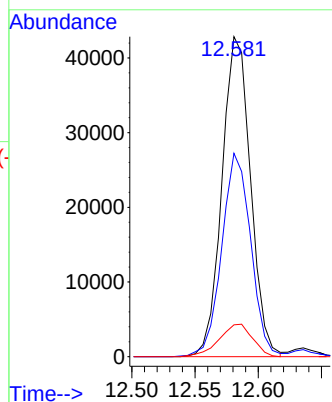
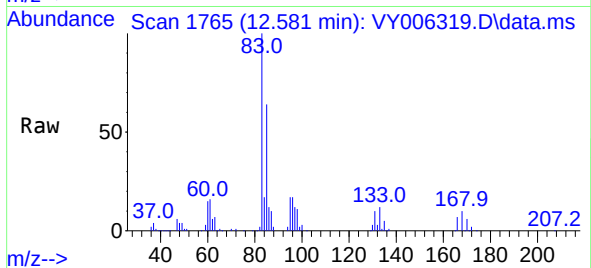




#57
1,1,2,2-Tetrachloroethane
Concen: 29.691 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

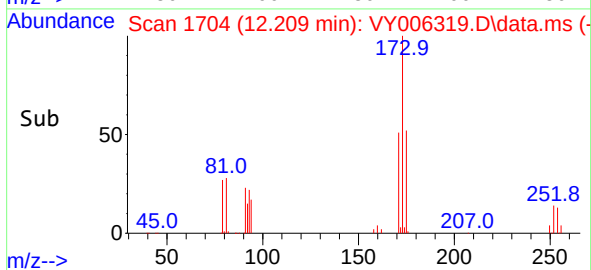
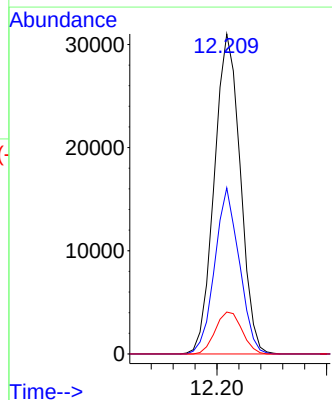
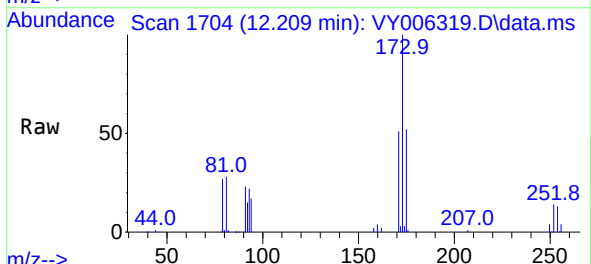
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

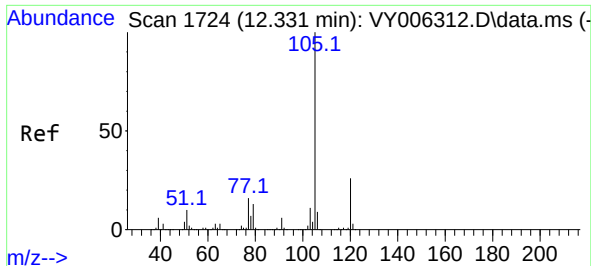
Tgt Ion:	83	Resp:	67333
Ion	Ratio	Lower	Upper
83	100		
85	63.6	45.0	83.6
131	10.0	6.9	10.3



#59
Bromoform
Concen: 28.930 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion:	173	Resp:	51080
Ion	Ratio	Lower	Upper
173	100		
175	49.1	38.8	58.2
254	13.4	7.3	10.9

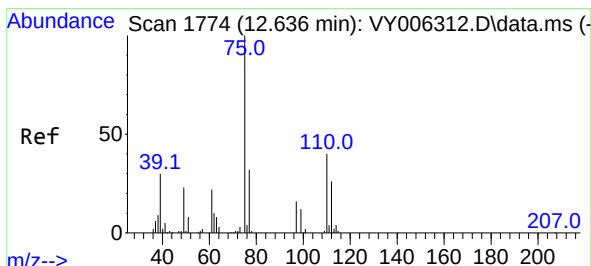
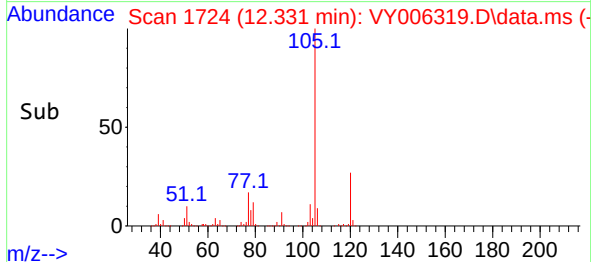
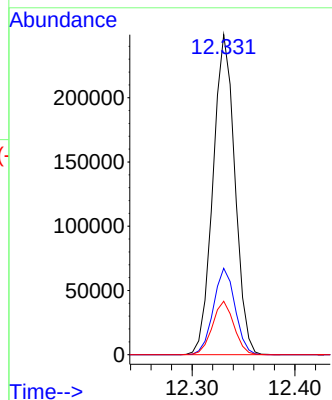
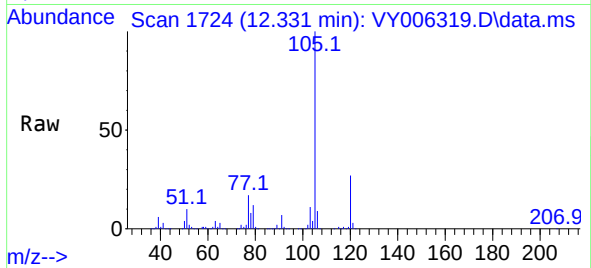




#60
Isopropylbenzene
Concen: 26.046 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

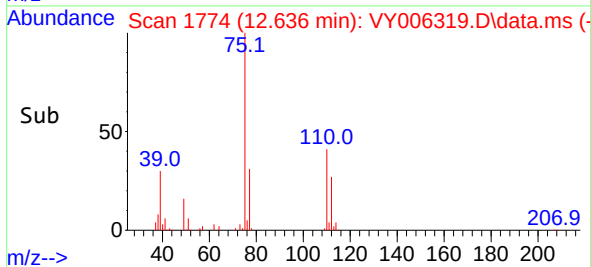
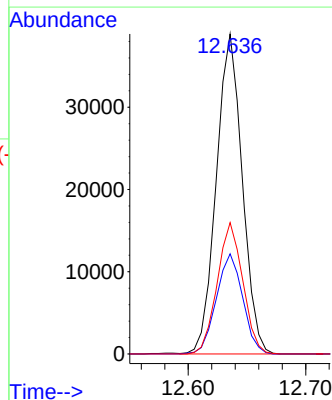
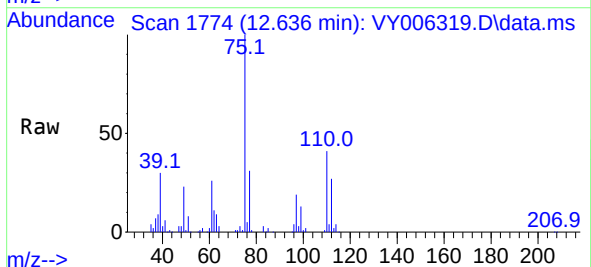
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

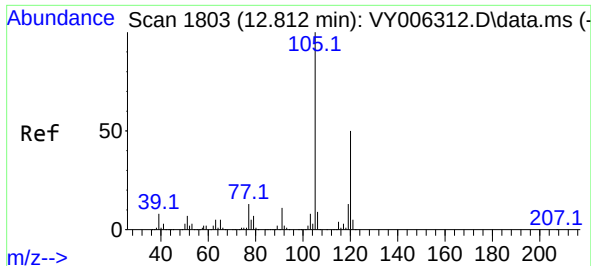
Tgt Ion:105 Resp: 367877
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.6
77 16.4 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 29.104 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion: 75 Resp: 59740
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
110 40.3 30.8 46.2

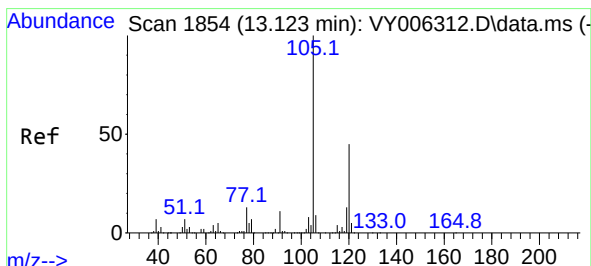
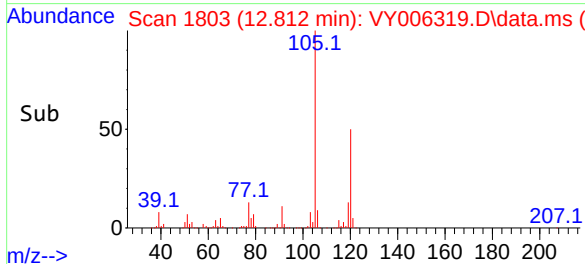
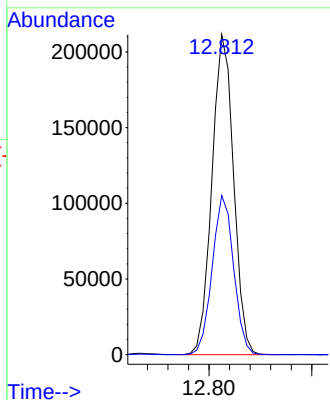
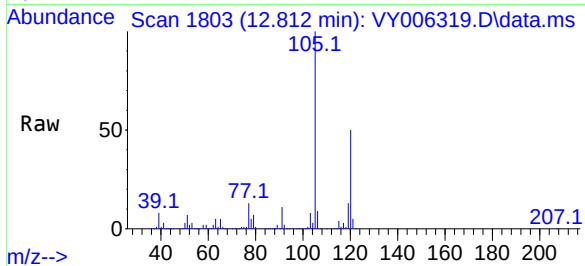




#62
1,3,5-Trimethylbenzene
Concen: 26.807 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

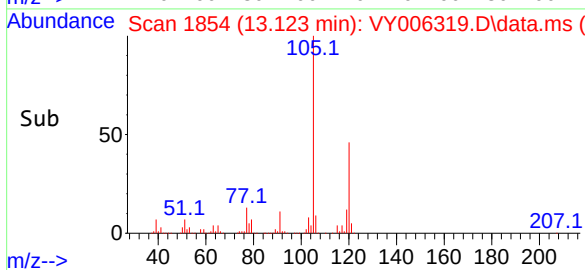
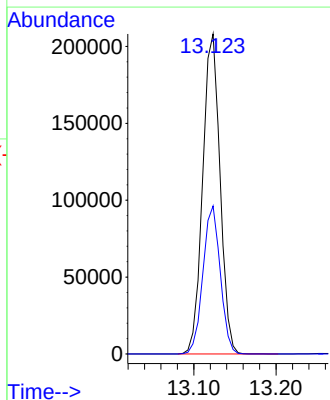
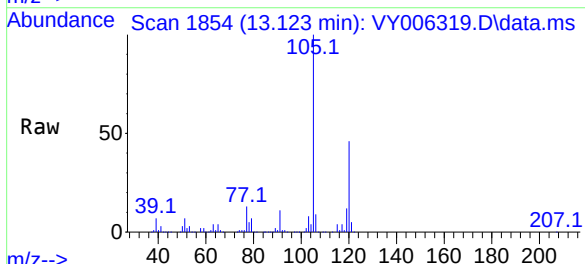
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

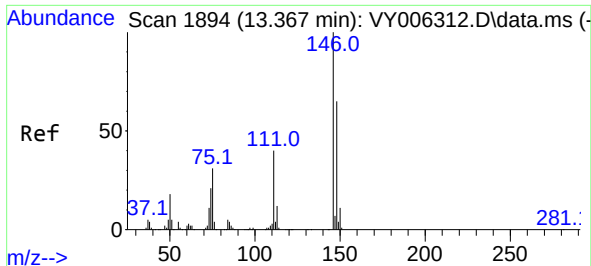
Tgt Ion:105 Resp: 308357
Ion Ratio Lower Upper
105 100
120 49.3 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 26.864 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion:105 Resp: 304961
Ion Ratio Lower Upper
105 100
120 46.1 36.2 54.4

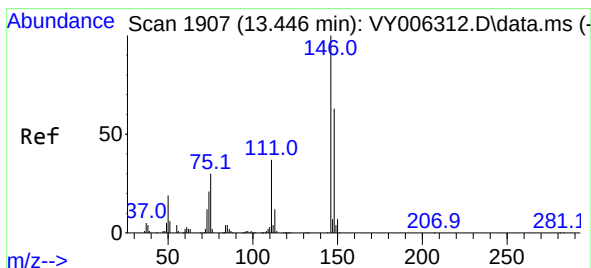
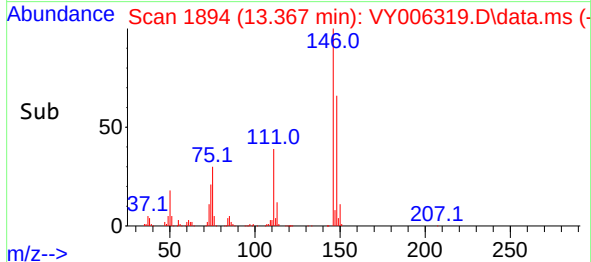
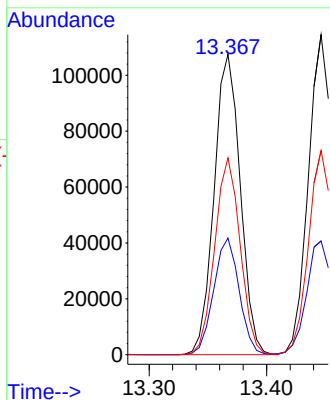
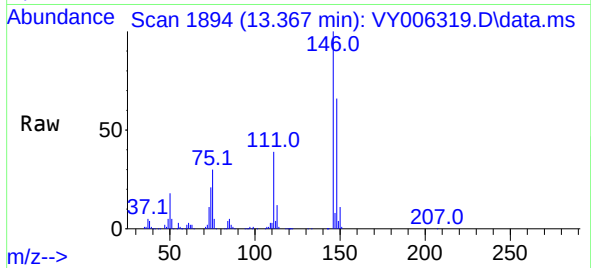




#64
1,3-Dichlorobenzene
Concen: 26.301 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

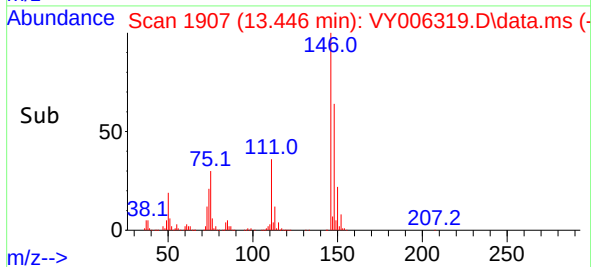
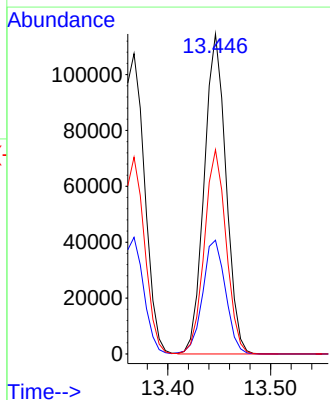
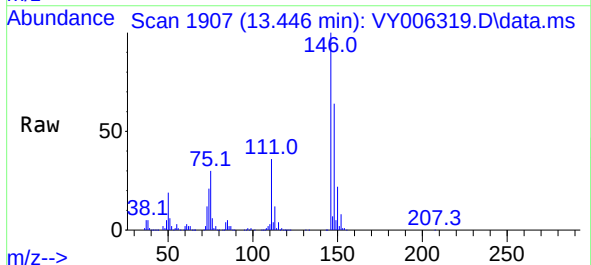
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

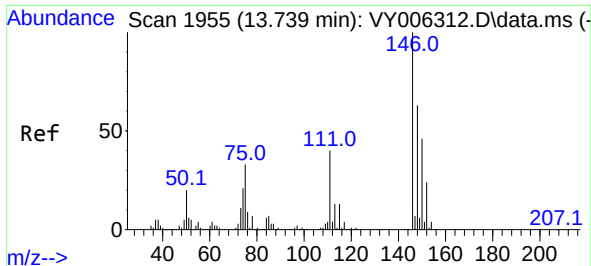
Tgt Ion:146 Resp: 166501
Ion Ratio Lower Upper
146 100
111 38.9 27.4 51.0
148 65.5 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 26.491 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion:146 Resp: 168626
Ion Ratio Lower Upper
146 100
111 35.6 26.4 49.0
148 63.8 44.3 82.3

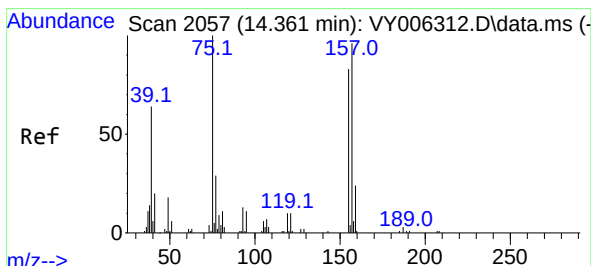
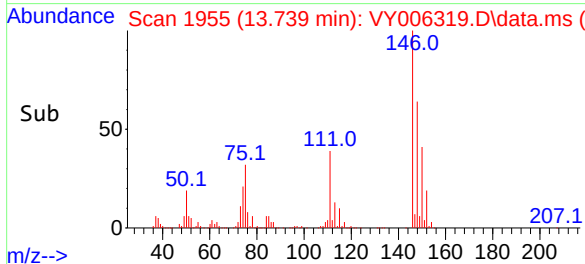
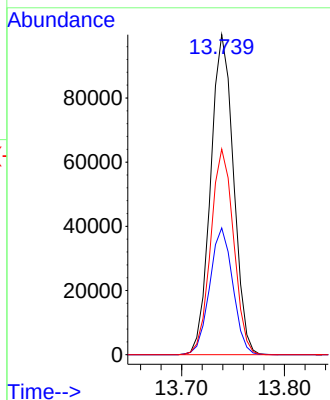
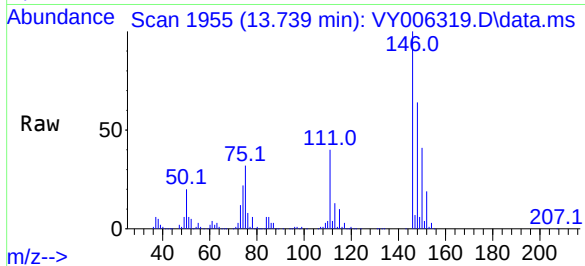




#67
1,2-Dichlorobenzene
Concen: 26.825 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

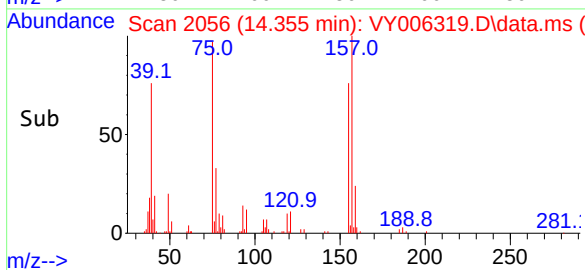
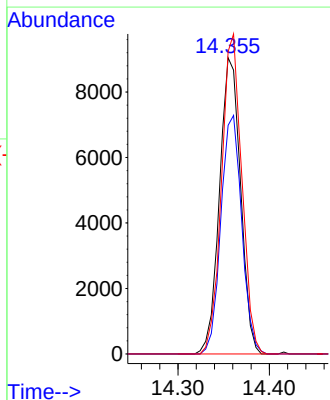
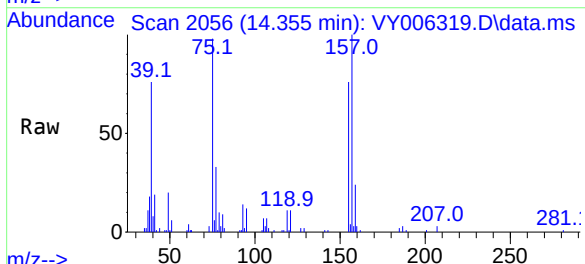
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

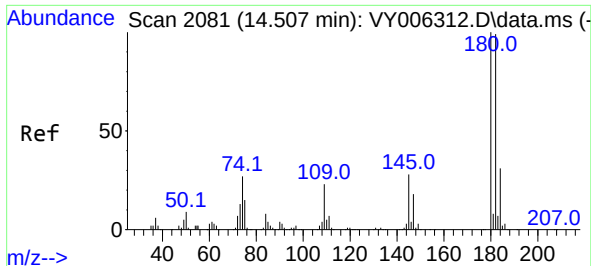
Tgt Ion:	146	Resp:	154320
Ion	Ratio	Lower	Upper
146	100		
111	39.6	33.9	50.9
148	64.2	49.7	74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 29.264 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion:	75	Resp:	14473
Ion	Ratio	Lower	Upper
75	100		
155	77.2	64.5	96.7
157	102.1	77.4	116.2

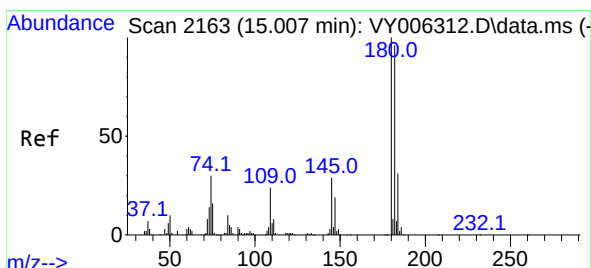
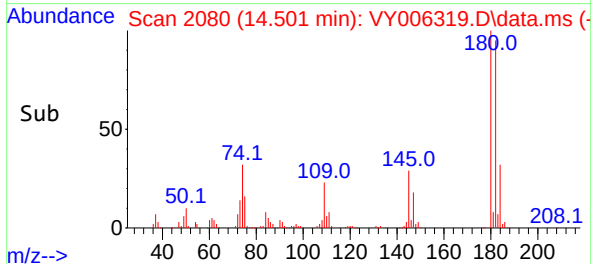
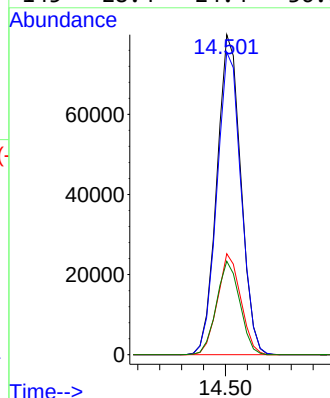
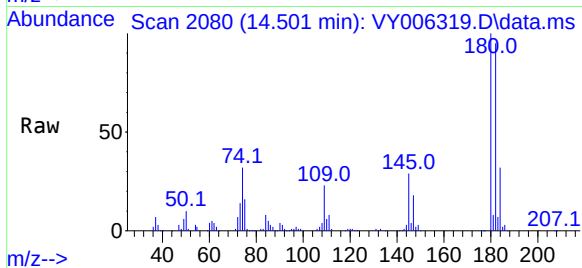




#69
1,3,5-Trichlorobenzene
Concen: 27.071 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.006 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

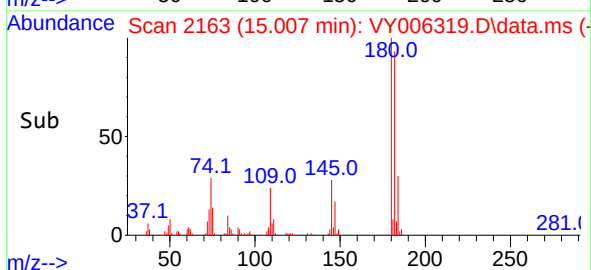
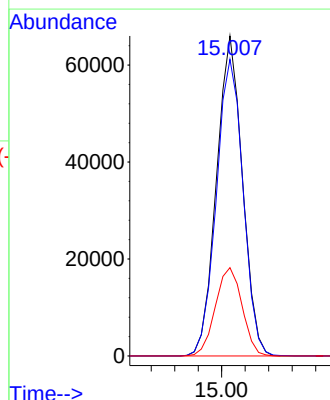
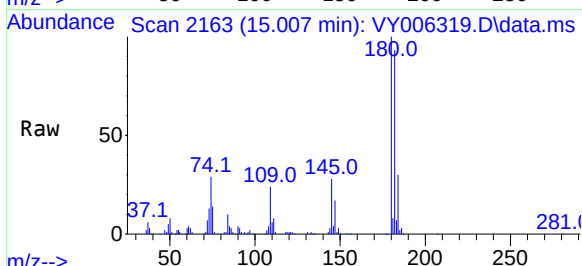
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

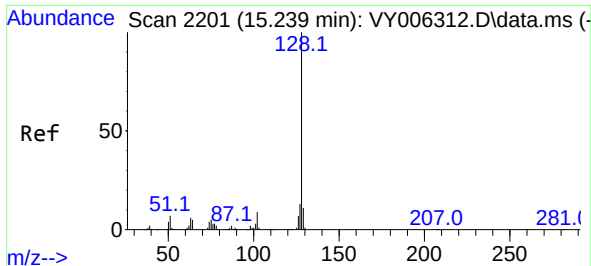
Tgt Ion:	180	Resp:	121193
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.1	114.1
184	30.6	24.6	36.8
145	28.4	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 27.988 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion:	180	Resp:	101305
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.4	114.6
145	28.4	25.0	37.6



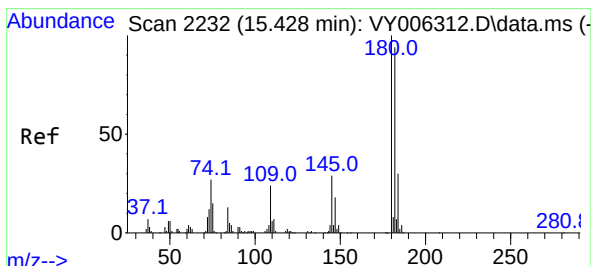
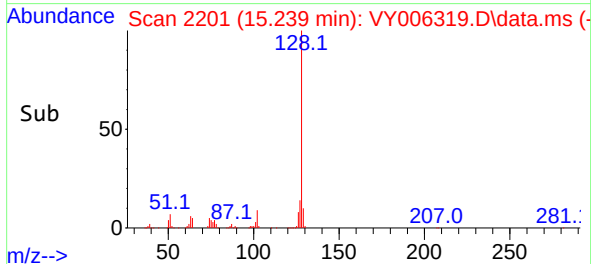
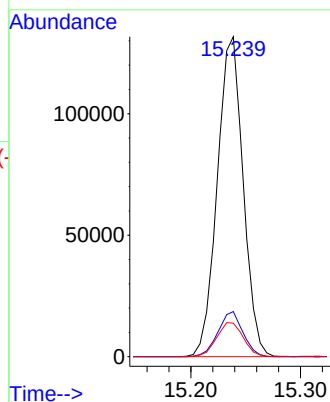
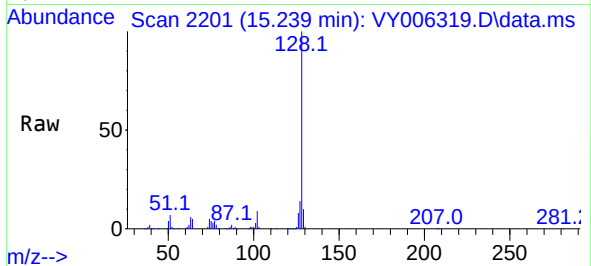


#71
Naphthalene
Concen: 30.532 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025888

Tgt Ion:128 Resp: 215873

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	11.0	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 28.739 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY006319.D
Acq: 06 Oct 2021 12:58

Tgt Ion:180 Resp: 90376

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.2
145	30.5	25.8	38.8

