

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005149.D
 Acq On : 17 Jun 2021 11:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/18/2021 2:22:37 PM

Quant Time: Jun 18 02:59:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	217525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	330800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	290727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95940	45.615	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.240%		
35) Dibromofluoromethane	7.728	113	82926	57.172	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	114.340%		
50) Toluene-d8	10.185	98	335728	47.638	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.280%		
62) 4-Bromofluorobenzene	12.483	95	111871	47.199	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	107326	44.659	ug/l	98
3) Chloromethane	2.119	50	122517	49.440	ug/l	96
4) Vinyl Chloride	2.260	62	114103	47.962	ug/l	98
5) Bromomethane	2.662	94	63990	47.130	ug/l	97
6) Chloroethane	2.802	64	65376	48.345	ug/l	98
7) Trichlorofluoromethane	3.137	101	198691	49.965	ug/l	95
8) Diethyl Ether	3.540	74	63120	48.820	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	110117	51.149	ug/l	99
10) Methyl Iodide	4.107	142	128436	53.080	ug/l	97
11) Tert butyl alcohol	4.979	59	48187	251.652	ug/l	99
12) 1,1-Dichloroethene	3.881	96	109778	52.049	ug/l	89
13) Acrolein	3.741	56	49063	239.585	ug/l	98
14) Allyl chloride	4.491	41	157897	53.720	ug/l	97
15) Acrylonitrile	5.174	53	149938	258.428	ug/l	99
16) Acetone	3.960	43	94995	222.060	ug/l	99
17) Carbon Disulfide	4.204	76	331792	52.804	ug/l	98
18) Methyl Acetate	4.485	43	63117	50.269	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	295389	51.226	ug/l	100
20) Methylene Chloride	4.729	84	128292	55.443	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	116517	51.255	ug/l	95
22) Diisopropyl ether	6.137	45	308052	51.785	ug/l	97
23) Vinyl Acetate	6.070	43	1022956	260.696	ug/l	99
24) 1,1-Dichloroethane	6.027	63	193147	51.588	ug/l	98
25) 2-Butanone	7.003	43	158414	243.419	ug/l	98
26) 2,2-Dichloropropane	6.990	77	188338	52.605	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	125431	50.870	ug/l	99
28) Bromochloromethane	7.344	49	66043	47.006	ug/l	98
29) Tetrahydrofuran	7.356	42	113039	255.729	ug/l	99
30) Chloroform	7.515	83	200528	50.180	ug/l	98
31) Cyclohexane	7.789	56	181284	50.672	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	192802	50.048	ug/l	99
36) 1,1-Dichloropropene	7.923	75	158640	52.368	ug/l	99
37) Ethyl Acetate	7.088	43	78321	50.737	ug/l	100
38) Carbon Tetrachloride	7.905	117	168857	52.502	ug/l	98
39) Methylcyclohexane	9.185	83	200840	53.489	ug/l	98
40) Benzene	8.167	78	445764	51.662	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005149.D
 Acq On : 17 Jun 2021 11:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/18/2021 2:22:37 PM

Quant Time: Jun 18 02:59:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	35791m	41.958	ug/l	
42) 1,2-Dichloroethane	8.246	62	132531	49.266	ug/l	99
43) Isopropyl Acetate	8.277	43	146958	51.953	ug/l	100
44) Trichloroethene	8.947	130	130821	51.644	ug/l	99
45) 1,2-Dichloropropane	9.222	63	101581	51.435	ug/l	96
46) Dibromomethane	9.313	93	62057	50.404	ug/l	99
47) Bromodichloromethane	9.502	83	149339	50.366	ug/l	97
48) Methyl methacrylate	9.295	41	64469	50.905	ug/l	97
49) 1,4-Dioxane	9.307	88	15534	976.946	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	367087	253.777	ug/l	98
52) Toluene	10.246	92	279738	50.946	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	160303	50.543	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	177916	50.679	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	83790	48.995	ug/l	96
56) Ethyl methacrylate	10.514	69	119234	51.605	ug/l	99
57) 1,3-Dichloropropane	10.795	76	144979	50.144	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	243335	239.687	ug/l	99
59) 2-Hexanone	10.837	43	251314	251.226	ug/l	98
60) Dibromochloromethane	10.990	129	105928	49.857	ug/l	98
61) 1,2-Dibromoethane	11.093	107	81039	48.531	ug/l	99
64) Tetrachloroethene	10.721	164	135332	52.171	ug/l	96
65) Chlorobenzene	11.520	112	296633	51.715	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	110439	51.923	ug/l	99
67) Ethyl Benzene	11.593	91	541162	53.358	ug/l	99
68) m/p-Xylenes	11.703	106	422453	105.957	ug/l	100
69) o-Xylene	12.032	106	200394	53.441	ug/l	99
70) Styrene	12.050	104	335521	52.878	ug/l	99
71) Bromoform	12.215	173	66065	50.702	ug/l #	100
73) Isopropylbenzene	12.331	105	539746	54.533	ug/l	100
74) N-amyl acetate	12.148	43	122038	53.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	87829	51.099	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	69043m	54.484	ug/l	
77) Bromobenzene	12.611	156	122736	52.122	ug/l	99
78) n-propylbenzene	12.672	91	643356	54.380	ug/l	100
79) 2-Chlorotoluene	12.758	91	350518	52.994	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	456649	54.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	34627	50.977	ug/l #	71
82) 4-Chlorotoluene	12.861	91	361723	52.900	ug/l	100
83) tert-Butylbenzene	13.081	119	399611	54.021	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	446186	53.431	ug/l	98
85) sec-Butylbenzene	13.258	105	583244	54.735	ug/l	99
86) p-Isopropyltoluene	13.373	119	496800	54.337	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	240578	52.332	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	239048	52.011	ug/l	100
89) n-Butylbenzene	13.703	91	455831	54.775	ug/l	99
90) Hexachloroethane	13.965	117	77828	52.225	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	213384	51.611	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17216	50.279	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	139968	52.750	ug/l	99
94) Hexachlorobutadiene	15.117	225	80120	52.253	ug/l	99
95) Naphthalene	15.239	128	284588	50.948	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	121158	50.975	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
Data File : VY005149.D
Acq On : 17 Jun 2021 11:55
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/18/2021 2:22:37 PM

Quant Time: Jun 18 02:59:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 16 04:40:35 2021
Response via : Initial Calibration

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

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

MMDadoda
6/18/2021 2:22:37 PM

Abundance

TIC: VY005149.D\data.ms

Time-->

1700000

1600000

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T

Chloromethane, P

Vinyl Chloride, C

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acrolein, T

Ethyl Acetate, T

1,1,2,2-Tetrachloroethane, T

Acetone, T

Methyl iodide, T

Carbon Disulfide, T

Methyl Acetate, T

Methylene Chloride, T

Tert butyl alcohol, T

Acrylonitrile, T

Mentyl 1,2-Dichloroethane, T

1,1-Dichloroethane, P

Isopropyl ether, T

Vinyl Acetate, T

2-Butene, T

Ethyl Acetate, T

Methacrylonitrile, T

Chloroform, C

Dibromodichloromethane, T

Carbon tetrachloride, T

Pentachlorobenzene, T

1,2-Dichloroethane, T

1,3-Dichloroethane, T

1,4-Difluorobenzene, I

Trichloroethene, TM

Methylcyclohexane, T

Bromodichloromethane, T

2-Chloroethyl Vinyl ether, T

cis-1,3-Dichloropropene, T

4-Methyl-2-Pentanone, T

Toluene, CM

Ethyl hexachloropropene, T

1,1,2-Trichloroethane, T

1,3-Dichloropropane, T

1,2-Hexanone, T

Dibromochloromethane, T

1,2-Dibromethane, T

Chlorobenzene, T

Ethyl Benzene, T

Styrene, T

o-Xylene, T

Bromoforn, P

N-amyl acetate, T

trans-1,4-Dichloro-2-butene, T

Isopropylbenzene, T

Bromobenzene, T

1,2,3-Trichloropropane, T

1,3,4-Trichlorobenzene, T

2-Chlorotoluene, T

tert-Butylbenzene, T

1,2,4-Trimethylbenzene, T

sec-Butylbenzene, T

n-Butylbenzene, T

Hexachloroethane, T

1,2-Dichlorobenzene, T

1,4-Dichlorobenzene, T

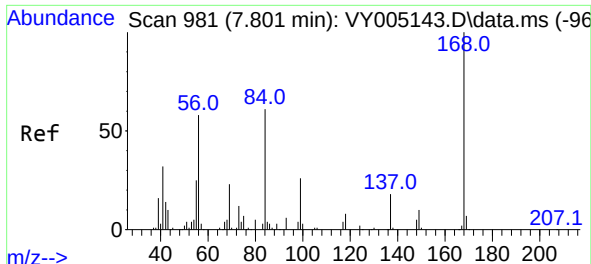
1,2-Dibromo-3-Chloropropane, T

1,2,4-Trichlorobenzene, T

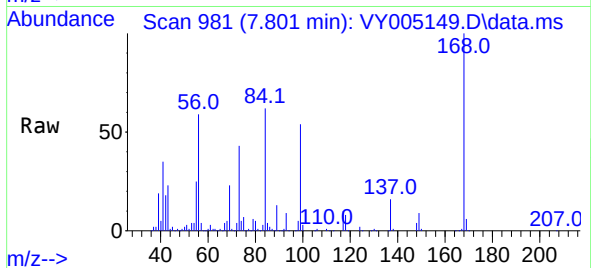
Hexachlorobutadiene, T

Naphthalene, T

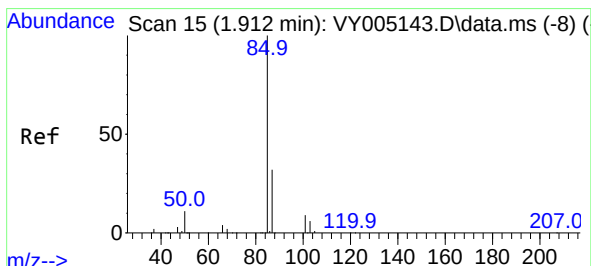
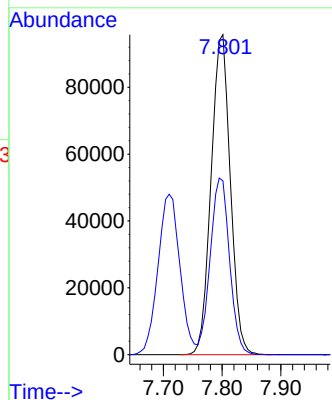
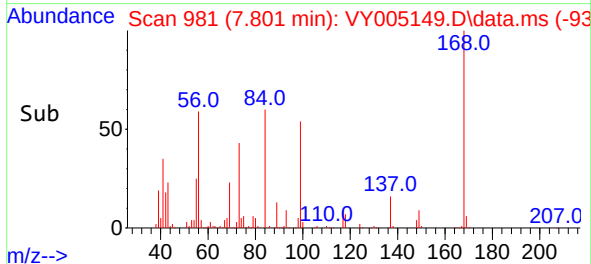
1,2,3-Trichlorobenzene, T



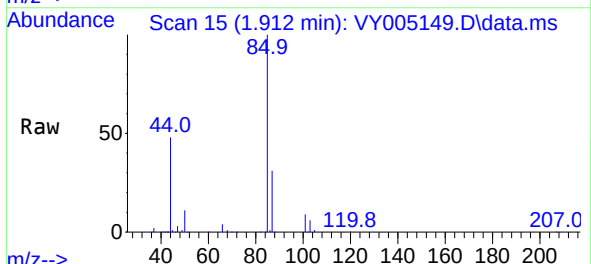
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



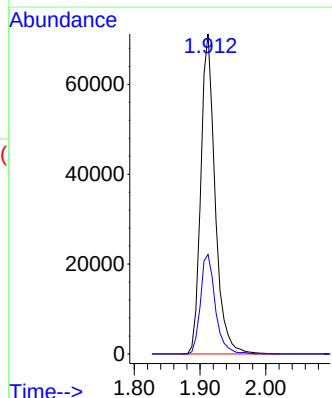
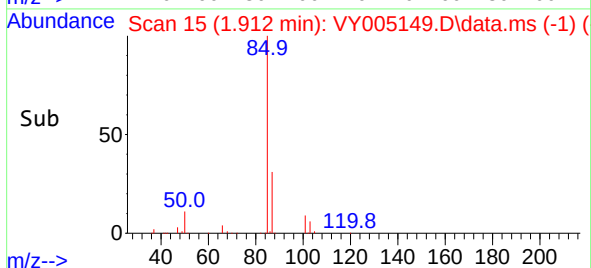
Tgt Ion: 168 Resp: 217525
Ion Ratio Lower Upper
168 100
99 54.4 44.5 66.7



#2
Dichlorodifluoromethane
Concen: 44.659 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



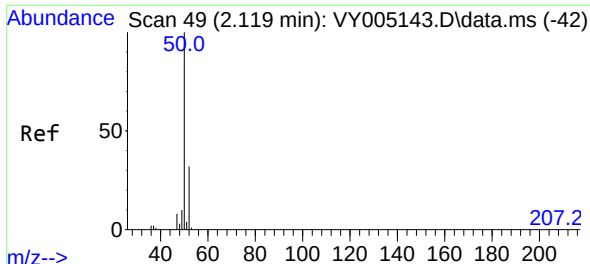
Tgt Ion: 85 Resp: 107326
Ion Ratio Lower Upper
85 100
87 31.1 16.2 48.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

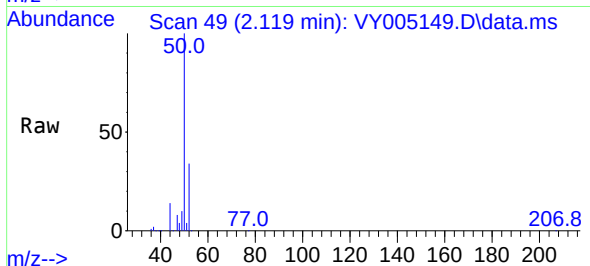
Manual Integrations
APPROVED

MMDadoda
6/18/2021 2:22:37 PM

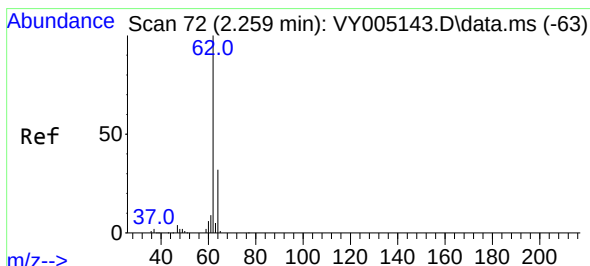
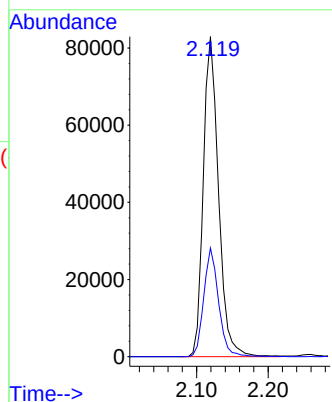
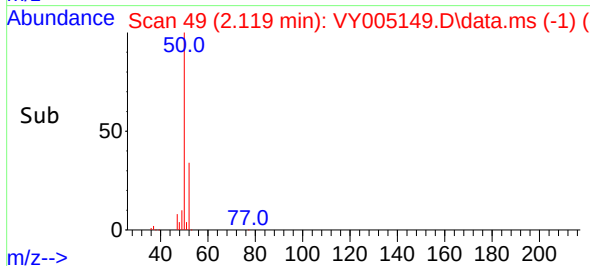


#3
Chloromethane
Concen: 49.440 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

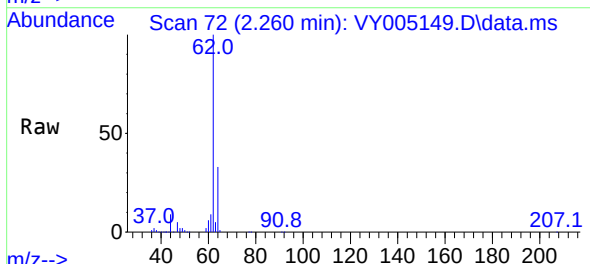
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



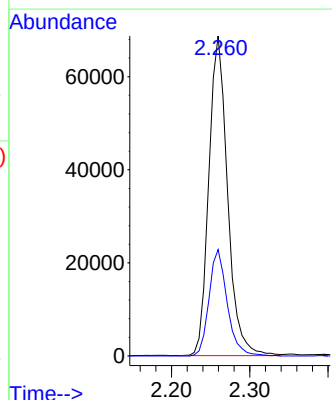
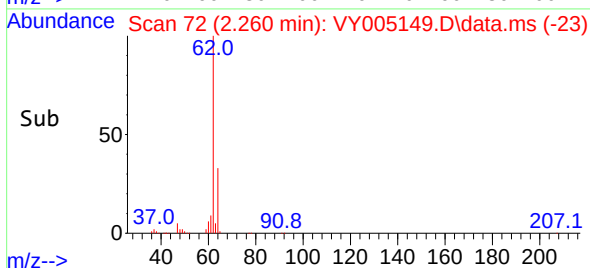
Tgt Ion: 50 Resp: 122517
Ion Ratio Lower Upper
50 100
52 34.0 25.3 37.9

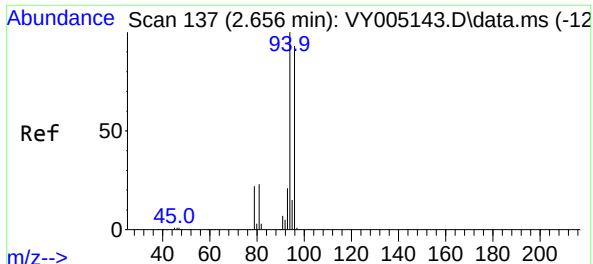


#4
Vinyl Chloride
Concen: 47.962 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



Tgt Ion: 62 Resp: 114103
Ion Ratio Lower Upper
62 100
64 33.3 25.5 38.3





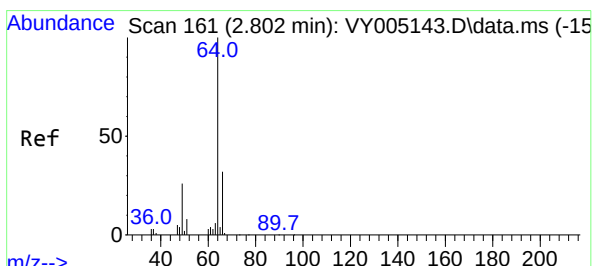
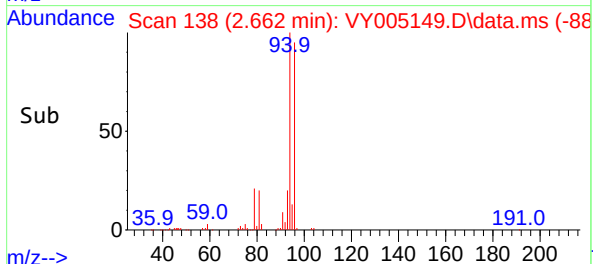
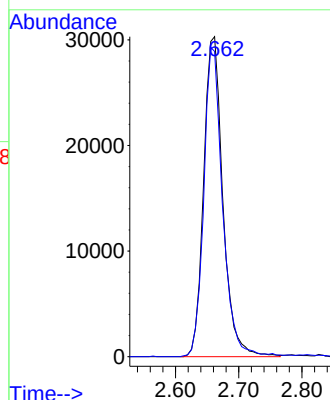
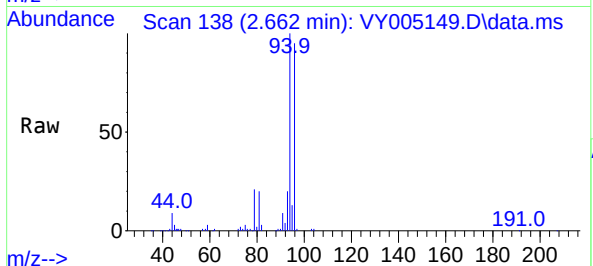
#5
Bromomethane
Concen: 47.130 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 94 Resp: 63990
Ion Ratio Lower Upper
94 100
96 95.4 74.2 111.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

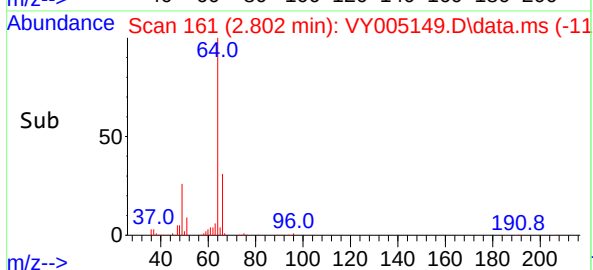
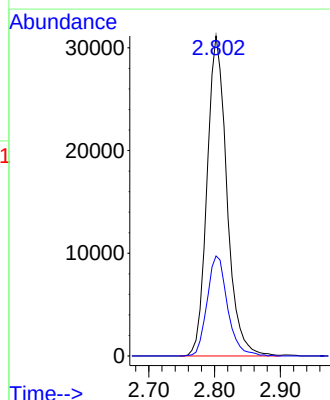
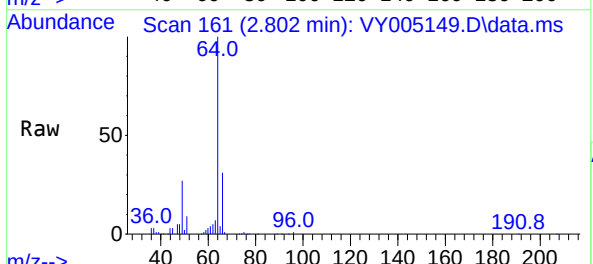
Manual Integrations
APPROVED

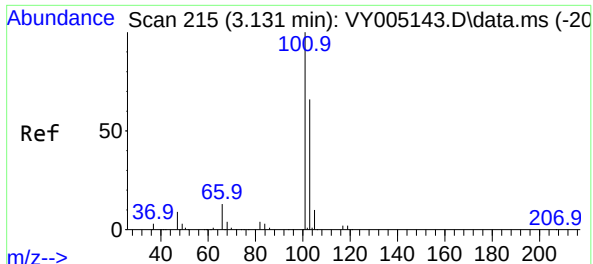
MMDadoda
6/18/2021 2:22:37 PM



#6
Chloroethane
Concen: 48.345 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

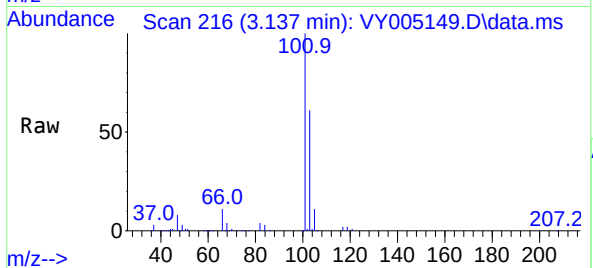
Tgt Ion: 64 Resp: 65376
Ion Ratio Lower Upper
64 100
66 31.2 26.0 39.0





#7
Trichlorofluoromethane
Concen: 49.965 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

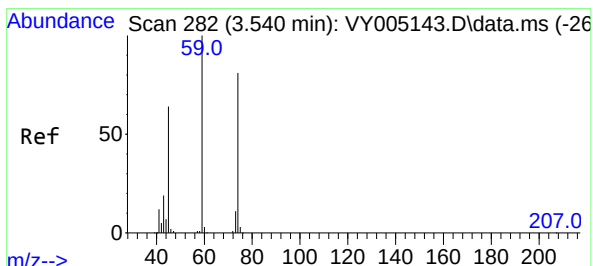
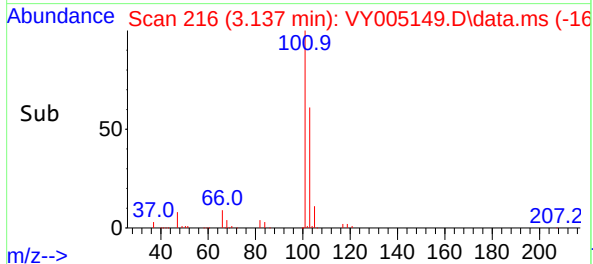
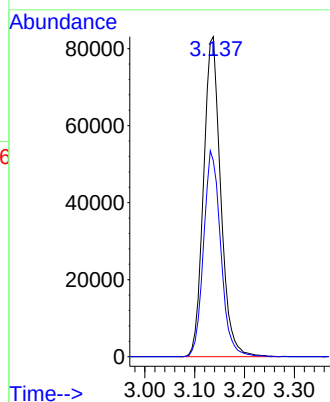
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 198691
Ion Ratio Lower Upper
101 100
103 61.2 52.4 78.6

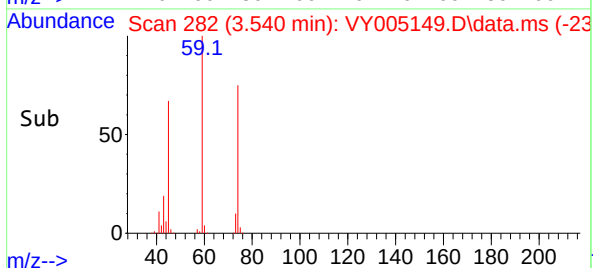
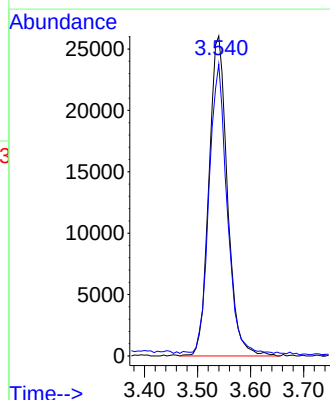
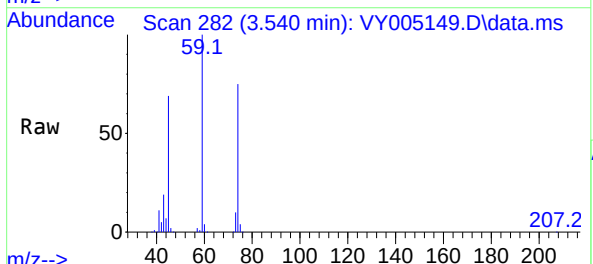
Manual Integrations
APPROVED

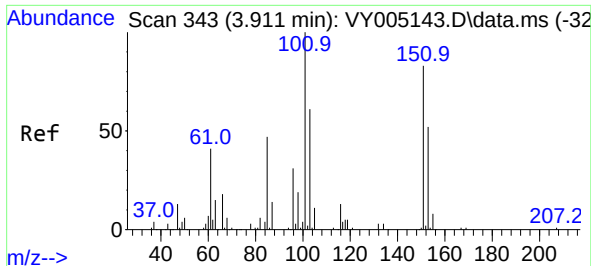
MMDadoda
6/18/2021 2:22:37 PM



#8
Diethyl Ether
Concen: 48.820 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

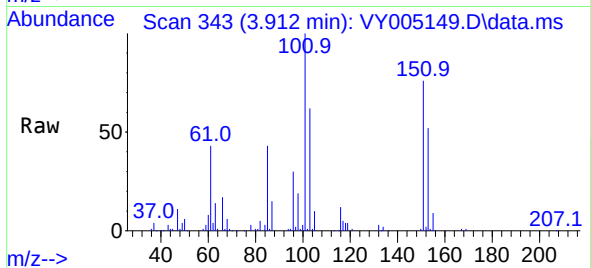
Tgt Ion: 74 Resp: 63120
Ion Ratio Lower Upper
74 100
45 87.9 43.0 129.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.149 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

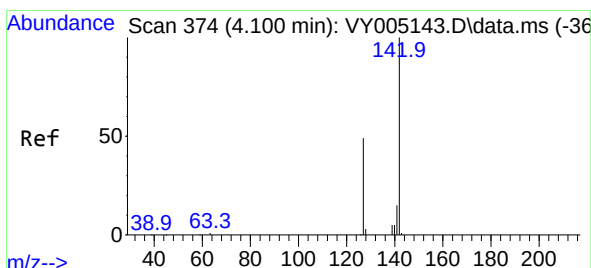
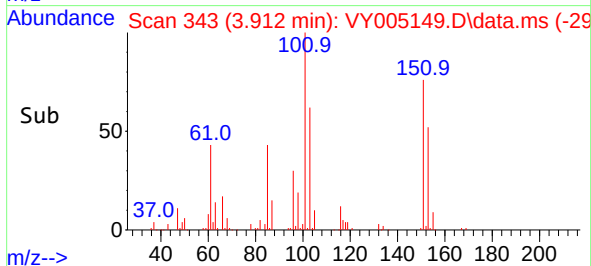
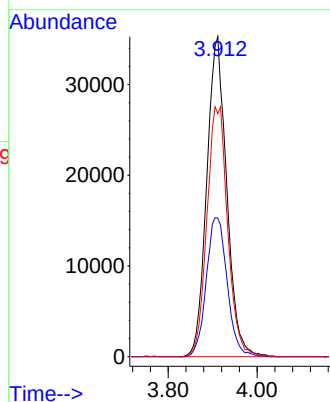
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



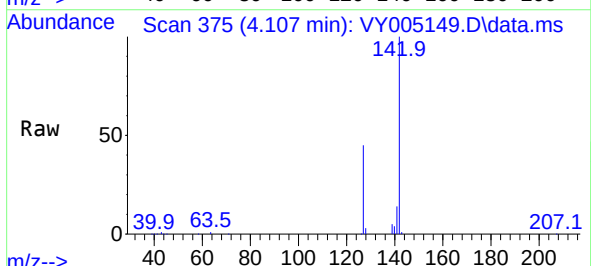
Tgt Ion:101 Resp: 110117
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.4
151 81.5 66.0 99.0

Manual Integrations
APPROVED

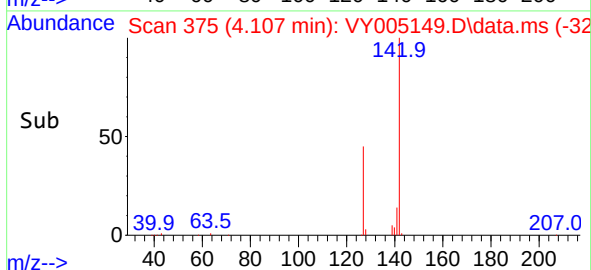
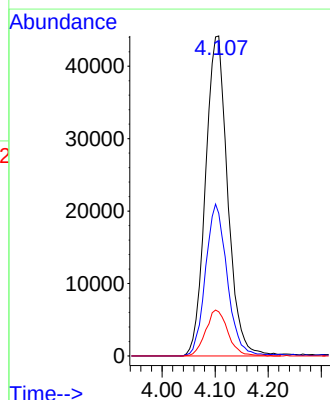
MMDadoda
6/18/2021 2:22:37 PM

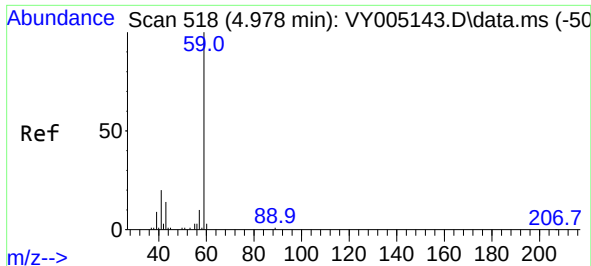


#10
Methyl Iodide
Concen: 53.080 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



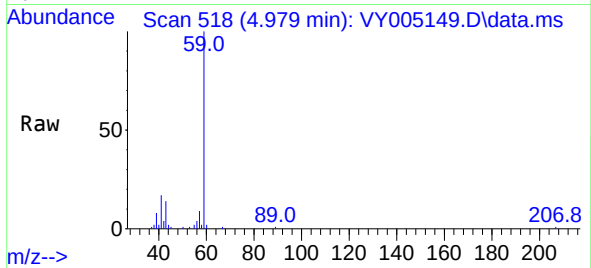
Tgt Ion:142 Resp: 128436
Ion Ratio Lower Upper
142 100
127 46.5 39.1 58.7
141 14.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 251.652 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.001 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

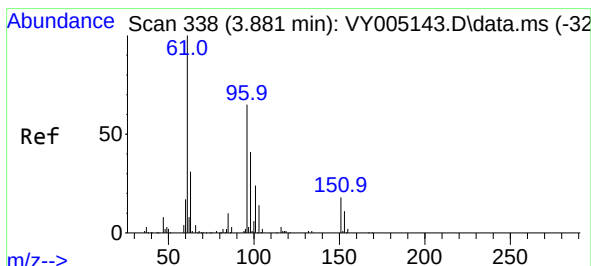
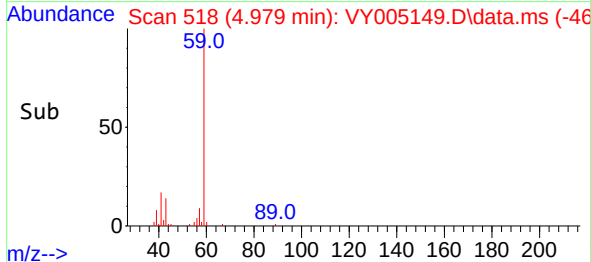
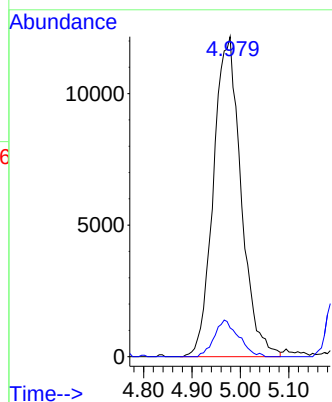
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 48187
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5

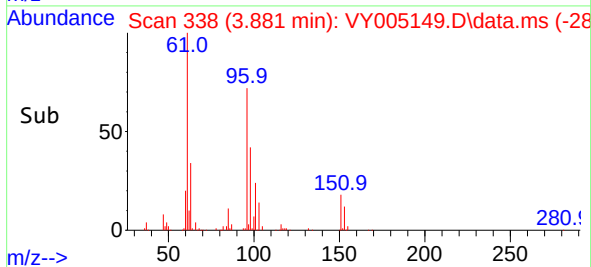
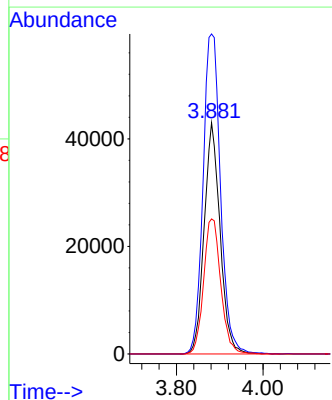
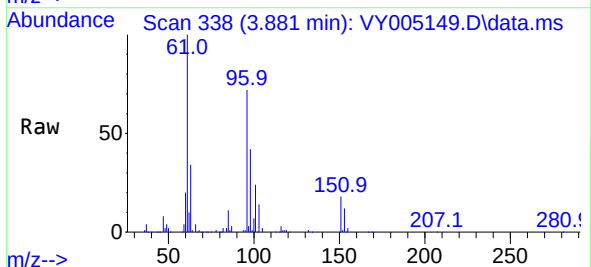
Manual Integrations
APPROVED

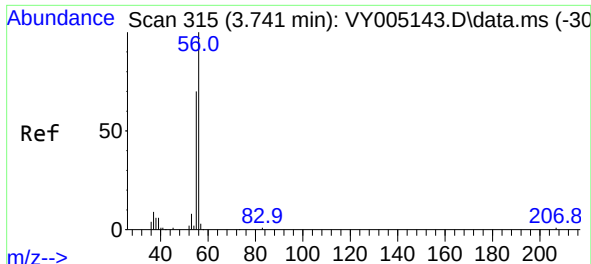
MMDadoda
6/18/2021 2:22:37 PM



#12
1,1-Dichloroethene
Concen: 52.049 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

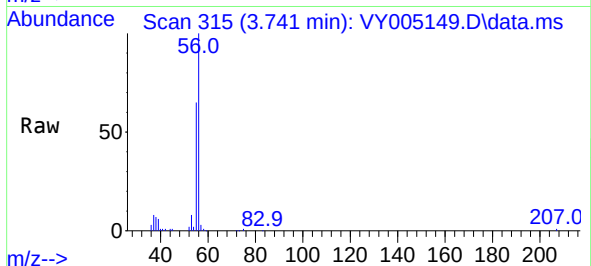
Tgt Ion: 96 Resp: 109778
Ion Ratio Lower Upper
96 100
61 138.4 123.4 185.2
98 58.4 50.8 76.2





#13
Acrolein
Concen: 239.585 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

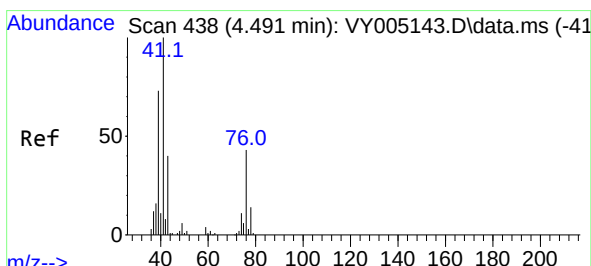
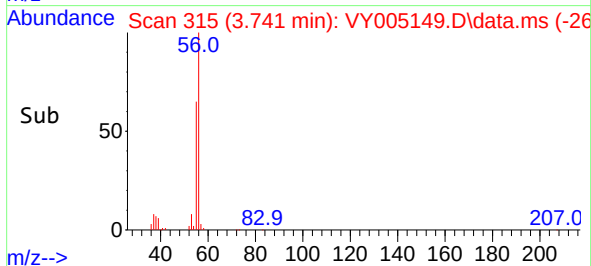
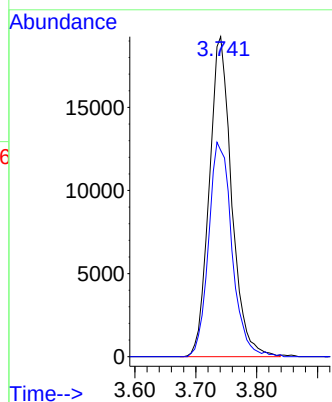
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 49063
Ion Ratio Lower Upper
56 100
55 70.1 57.6 86.4

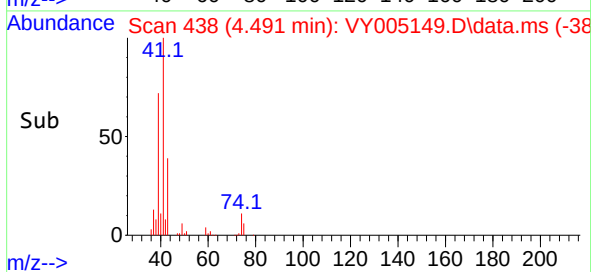
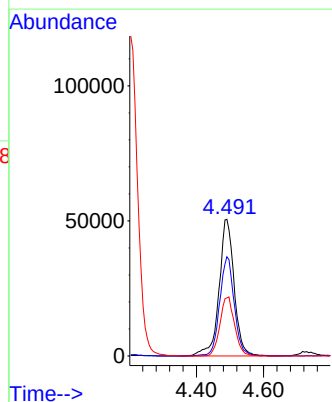
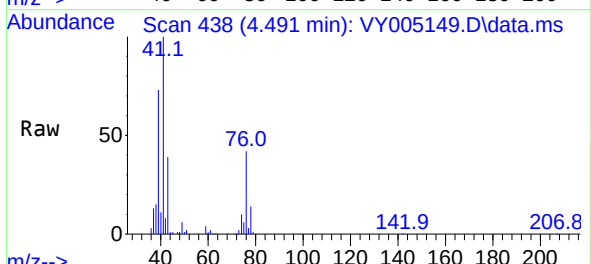
Manual Integrations
APPROVED

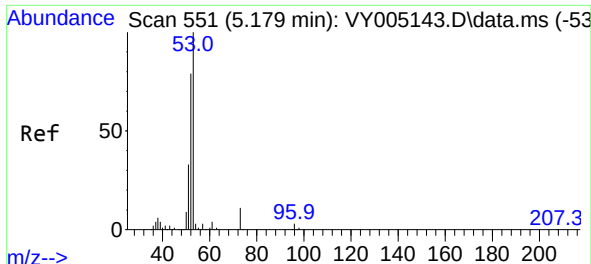
MMDadoda
6/18/2021 2:22:37 PM



#14
Allyl chloride
Concen: 53.720 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

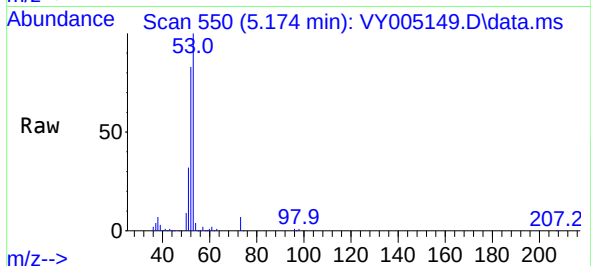
Tgt Ion: 41 Resp: 157897
Ion Ratio Lower Upper
41 100
39 69.7 58.1 87.1
76 41.8 34.4 51.6





#15
Acrylonitrile
Concen: 258.428 ug/l
RT: 5.174 min Scan# 550
Delta R.T. -0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

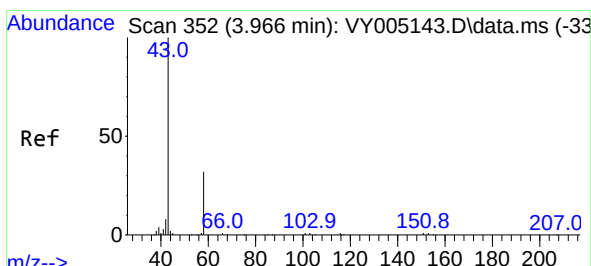
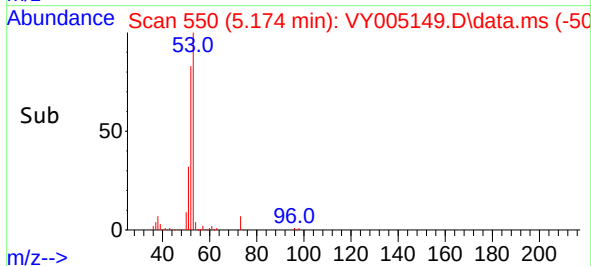
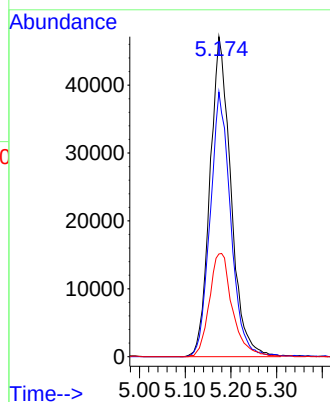
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 149938
Ion Ratio Lower Upper
53 100
52 80.7 65.6 98.4
51 35.4 28.8 43.2

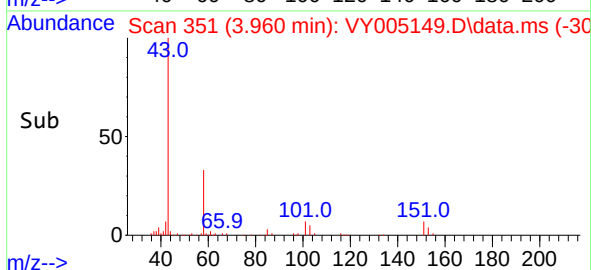
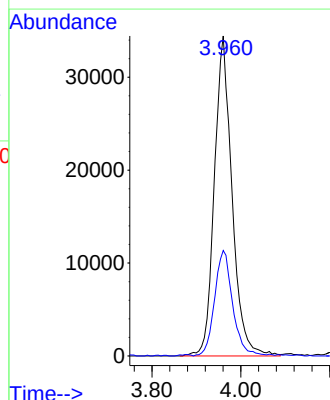
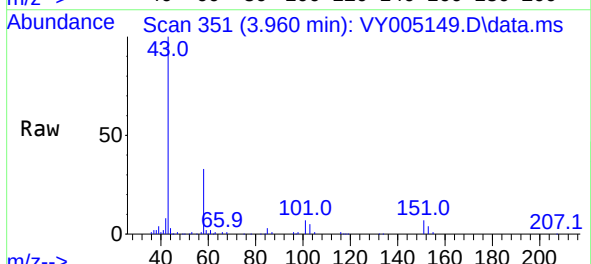
Manual Integrations
APPROVED

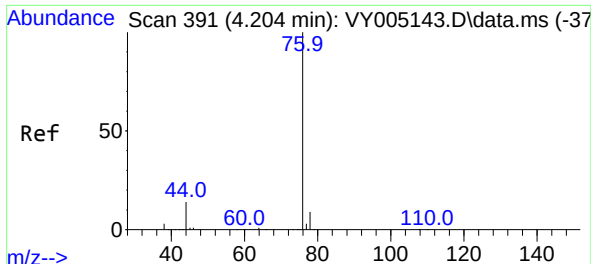
MMDadoda
6/18/2021 2:22:37 PM



#16
Acetone
Concen: 222.060 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 43 Resp: 94995
Ion Ratio Lower Upper
43 100
58 32.6 25.6 38.4





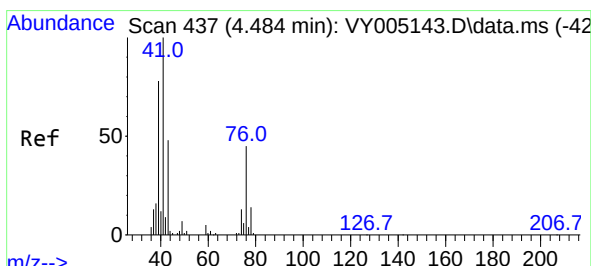
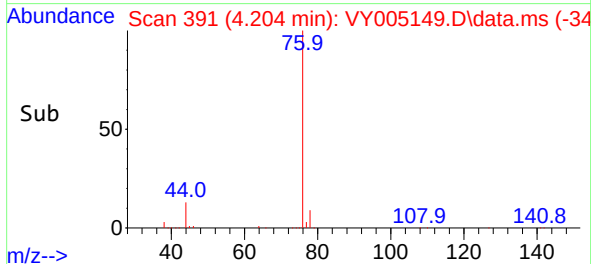
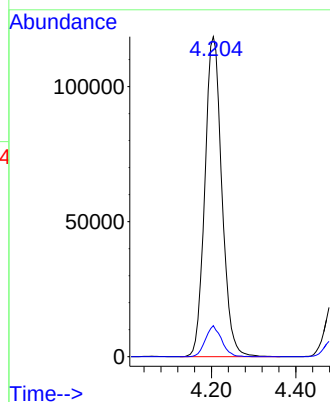
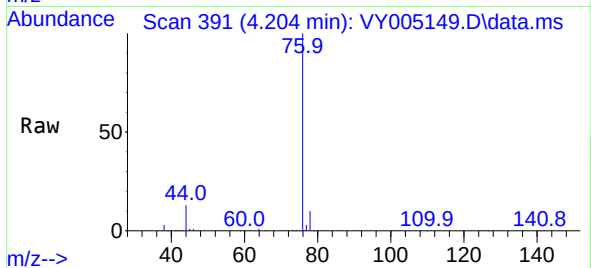
#17
Carbon Disulfide
Concen: 52.804 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 76 Resp: 331792
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

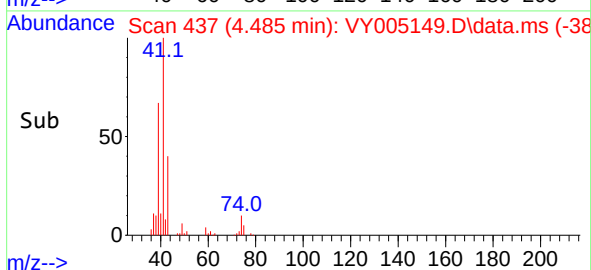
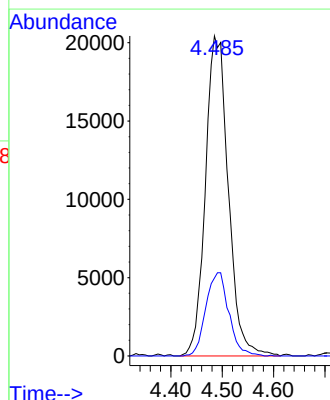
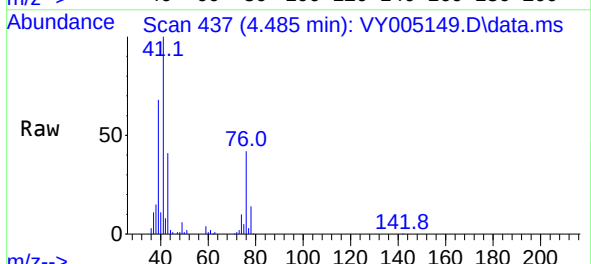
Manual Integrations
APPROVED

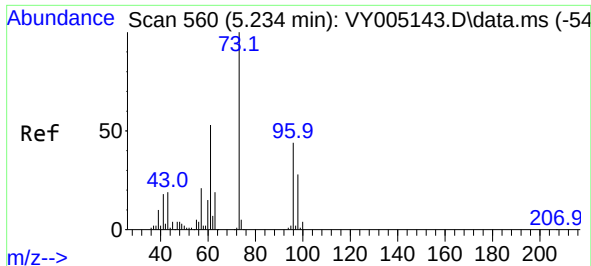
MMDadoda
6/18/2021 2:22:37 PM



#18
Methyl Acetate
Concen: 50.269 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

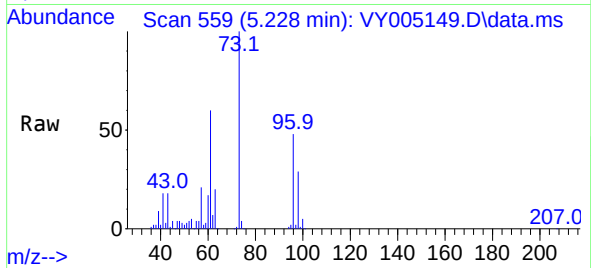
Tgt Ion: 43 Resp: 63117
Ion Ratio Lower Upper
43 100
74 26.1 21.4 32.0





#19
Methyl tert-butyl Ether
Concen: 51.226 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

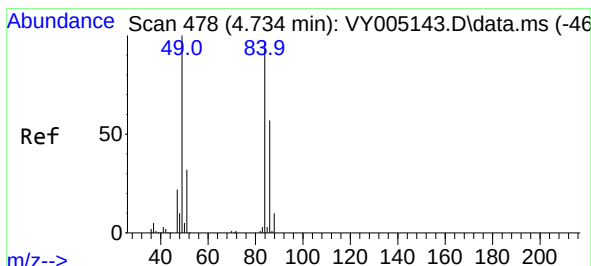
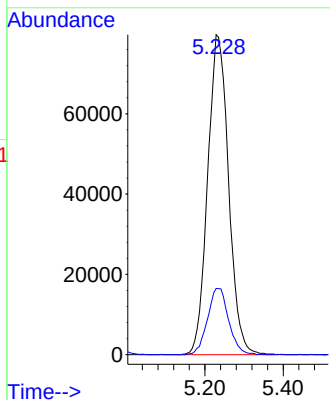
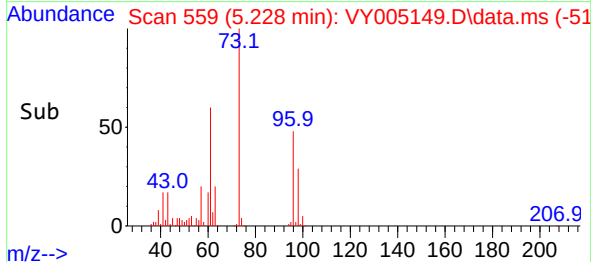
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



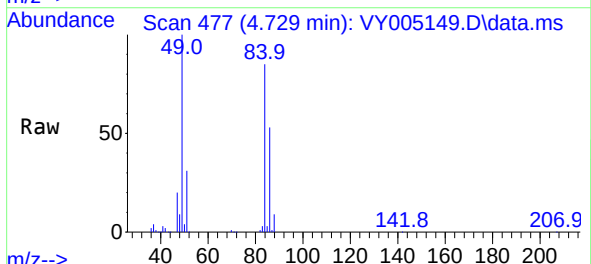
Tgt Ion: 73 Resp: 295389
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6

Manual Integrations
APPROVED

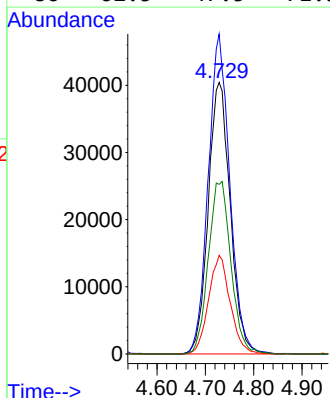
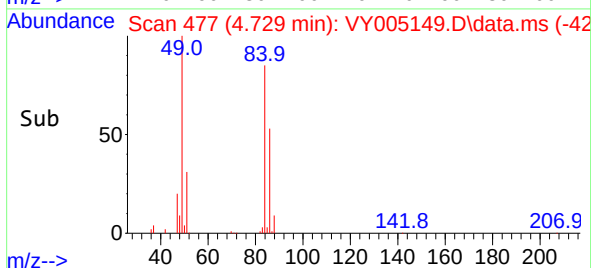
MMDadoda
6/18/2021 2:22:37 PM

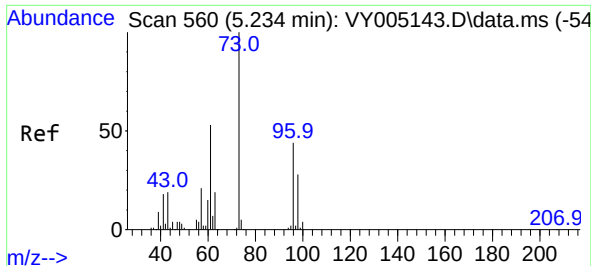


#20
Methylene Chloride
Concen: 55.443 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.005 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



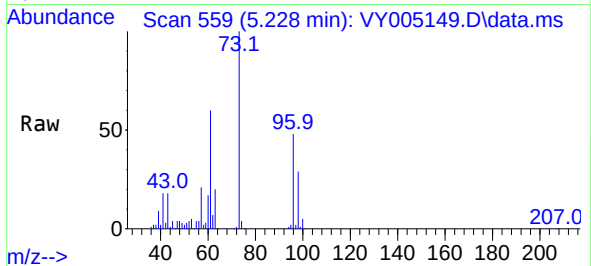
Tgt Ion: 84 Resp: 128292
Ion Ratio Lower Upper
84 100
49 117.9 83.4 125.2
51 36.3 26.8 40.2
86 62.5 47.5 71.3





#21
trans-1,2-Dichloroethene
Concen: 51.255 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

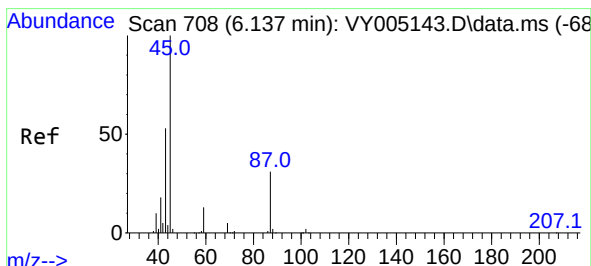
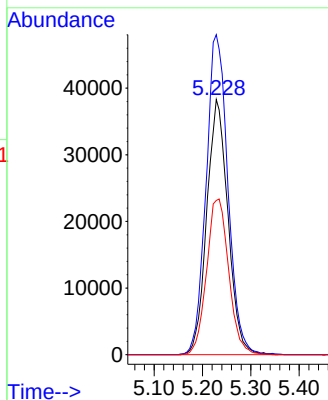
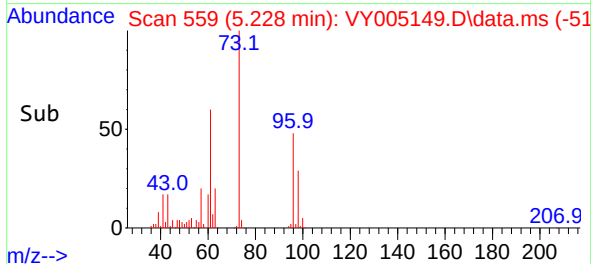
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



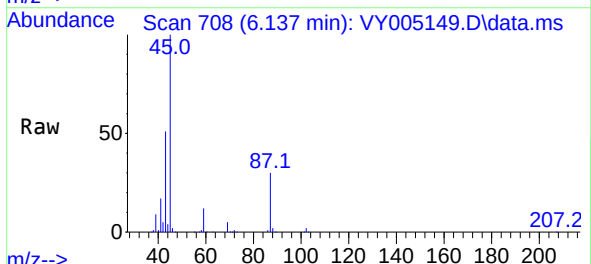
Tgt Ion: 96 Resp: 116517
Ion Ratio Lower Upper
96 100
61 125.4 95.3 142.9
98 60.4 49.9 74.9

Manual Integrations
APPROVED

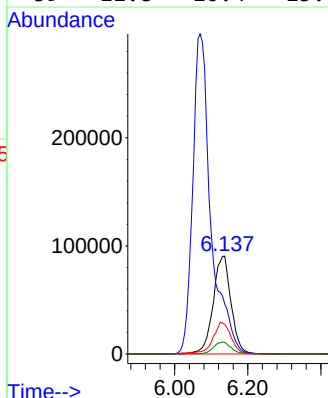
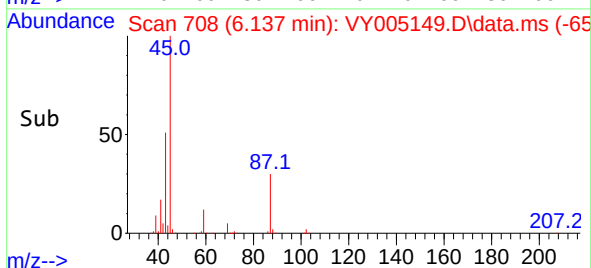
MMDadoda
6/18/2021 2:22:37 PM

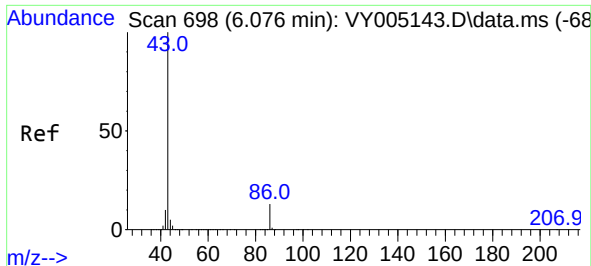


#22
Diisopropyl ether
Concen: 51.785 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



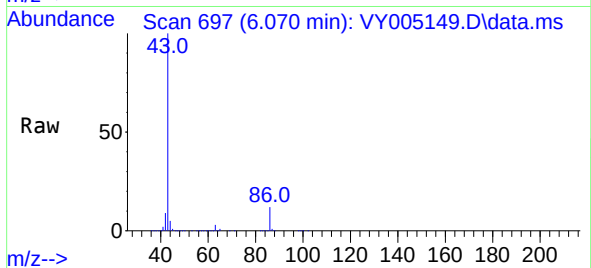
Tgt Ion: 45 Resp: 308052
Ion Ratio Lower Upper
45 100
43 50.8 43.0 64.4
87 30.2 25.3 37.9
59 11.8 10.4 15.6





#23
Vinyl Acetate
Concen: 260.696 ug/l
RT: 6.070 min Scan# 697
Delta R.T. -0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

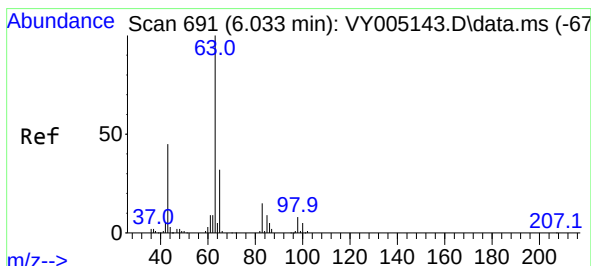
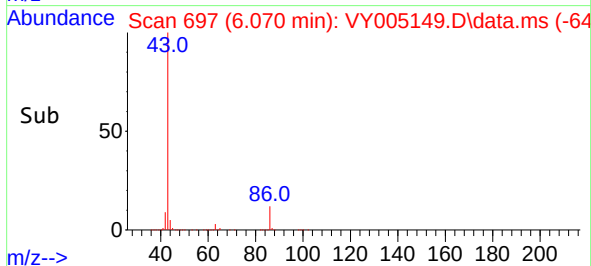
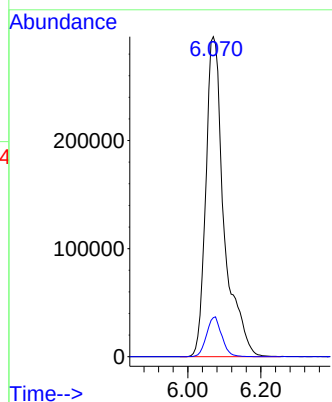
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1022956
Ion Ratio Lower Upper
43 100
86 12.2 10.1 15.1

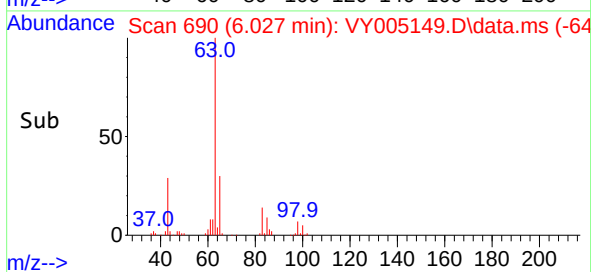
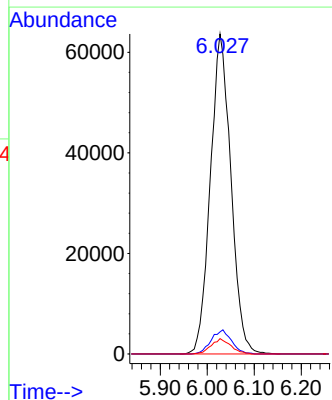
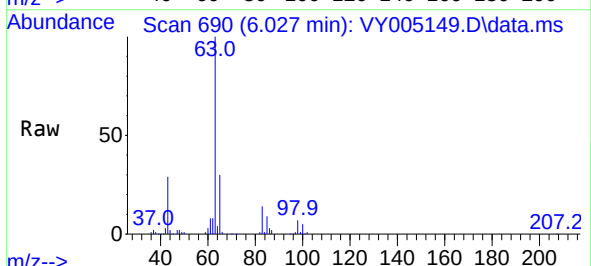
Manual Integrations
APPROVED

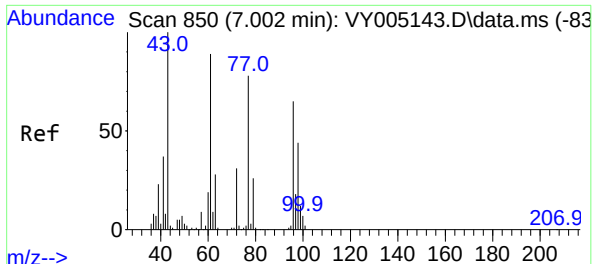
MMDadoda
6/18/2021 2:22:37 PM



#24
1,1-Dichloroethane
Concen: 51.588 ug/l
RT: 6.027 min Scan# 690
Delta R.T. -0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

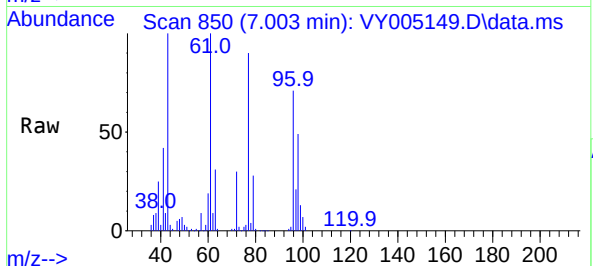
Tgt Ion: 63 Resp: 193147
Ion Ratio Lower Upper
63 100
98 6.9 4.2 12.4
100 4.8 2.4 7.2





#25
2-Butanone
Concen: 243.419 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

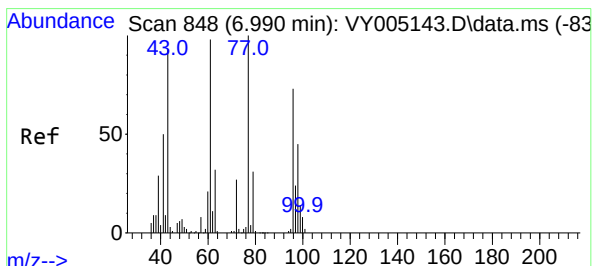
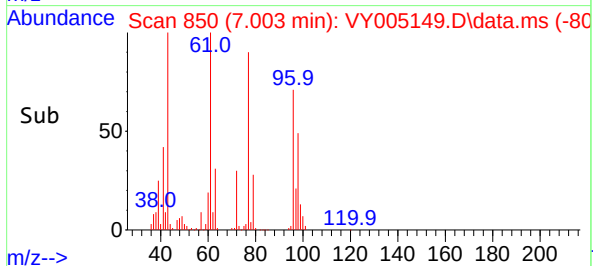
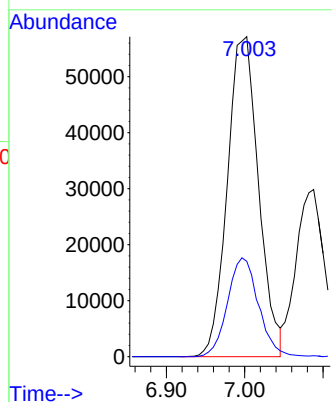
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



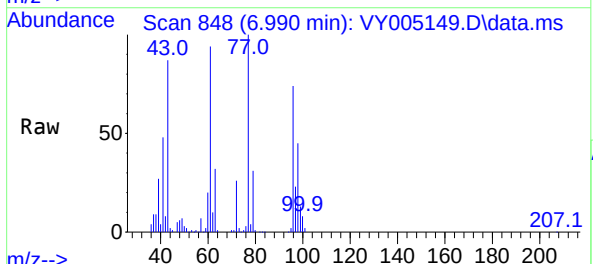
Tgt Ion: 43 Resp: 158414
Ion Ratio Lower Upper
43 100
72 29.8 24.8 37.2

Manual Integrations
APPROVED

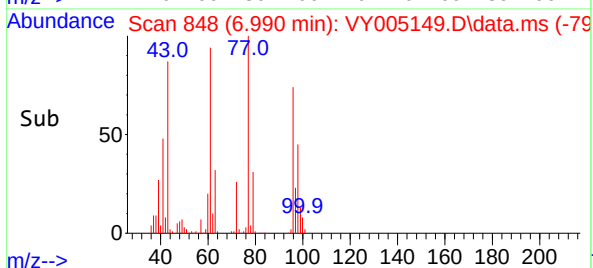
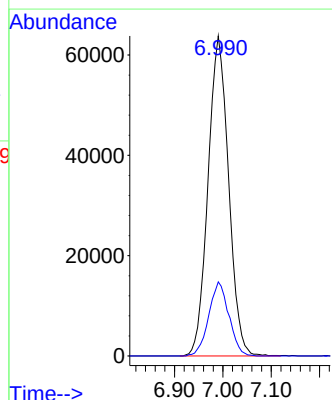
MMDadoda
6/18/2021 2:22:37 PM

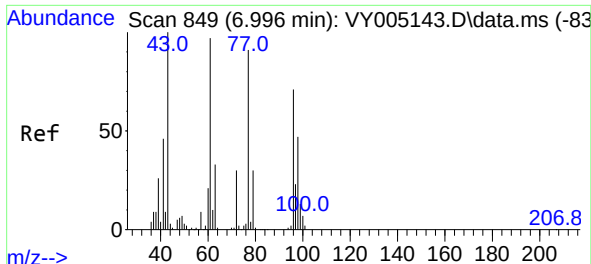


#26
2,2-Dichloropropane
Concen: 52.605 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



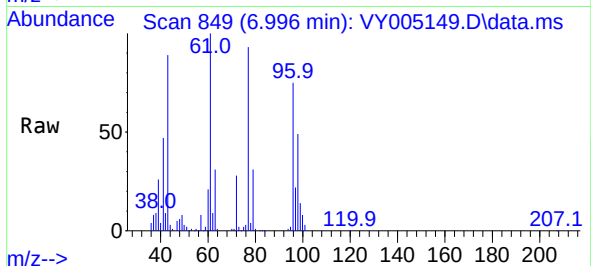
Tgt Ion: 77 Resp: 188338
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 50.870 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

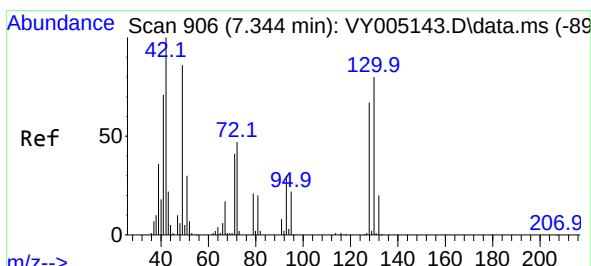
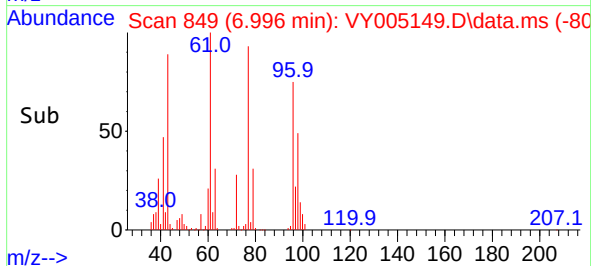
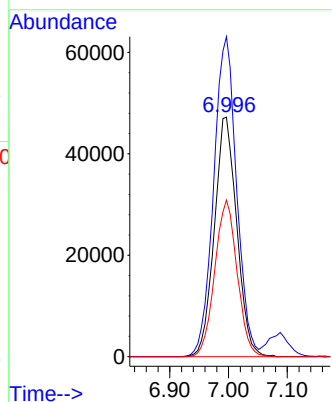
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 125431
Ion Ratio Lower Upper
96 100
61 136.3 0.0 275.6
98 65.1 0.0 131.6

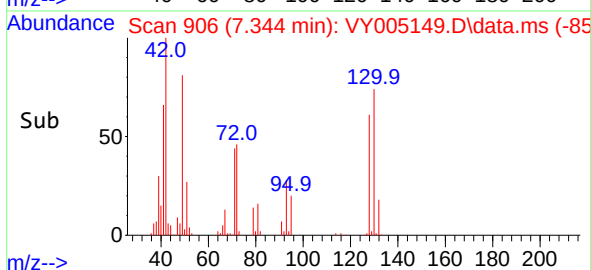
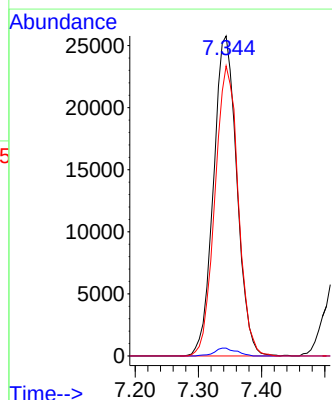
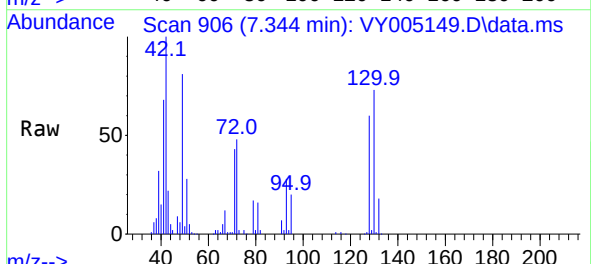
Manual Integrations
APPROVED

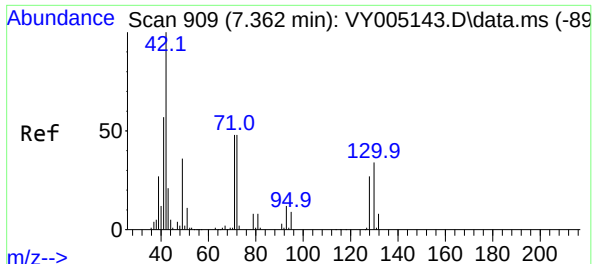
MMDadoda
6/18/2021 2:22:37 PM



#28
Bromochloromethane
Concen: 47.006 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 49 Resp: 66043
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.4
130 90.3 73.7 110.5





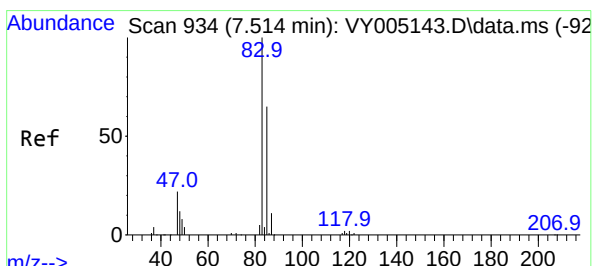
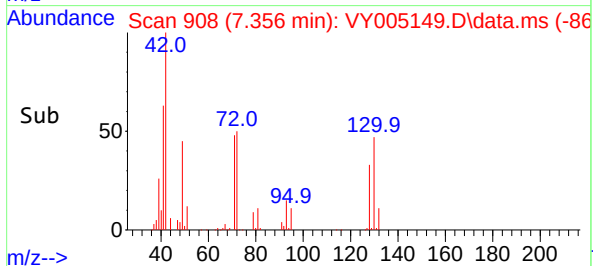
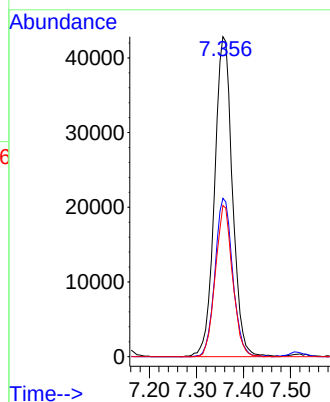
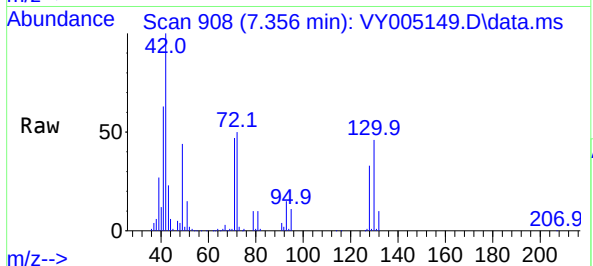
#29
Tetrahydrofuran
Concen: 255.729 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion:	42	Resp:	113039
Ion	Ratio	Lower	Upper
42	100		
72	49.0	39.4	59.2
71	45.5	37.4	56.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

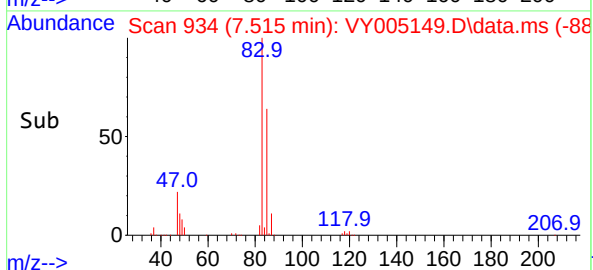
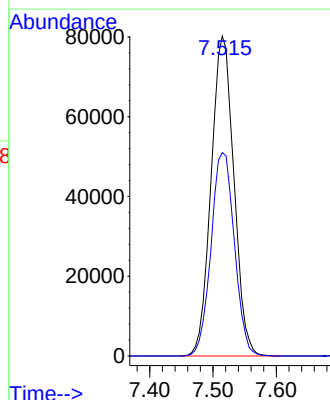
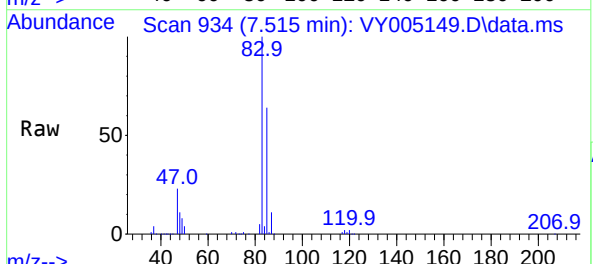
Manual Integrations
APPROVED

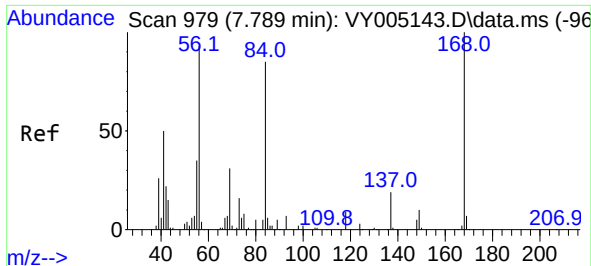
MMDadoda
6/18/2021 2:22:37 PM



#30
Chloroform
Concen: 50.180 ug/l
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

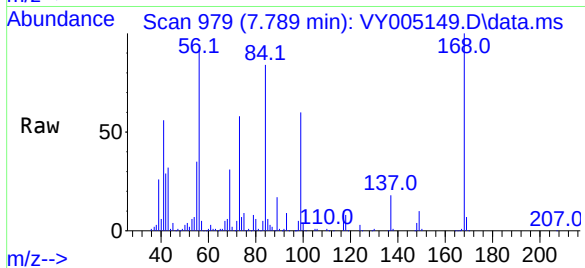
Tgt Ion:	83	Resp:	200528
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.3	78.5





#31
Cyclohexane
Concen: 50.672 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

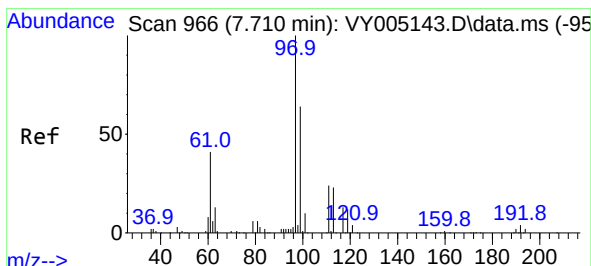
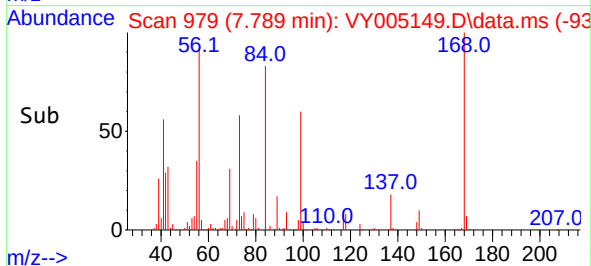
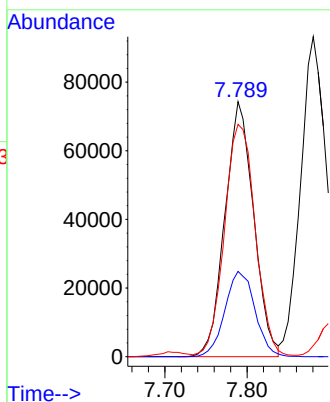
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



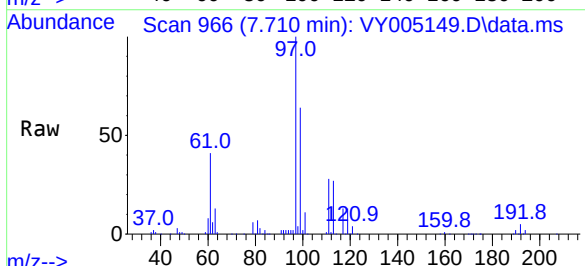
Tgt Ion: 56 Resp: 181284
Ion Ratio Lower Upper
56 100
69 33.4 26.3 39.5
84 89.4 73.2 109.8

Manual Integrations
APPROVED

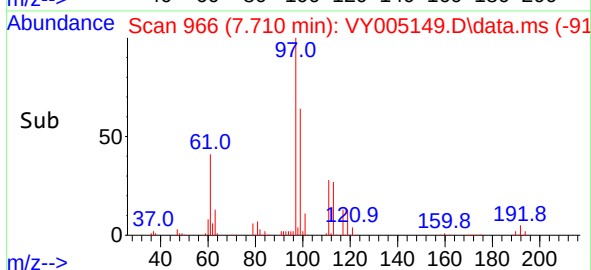
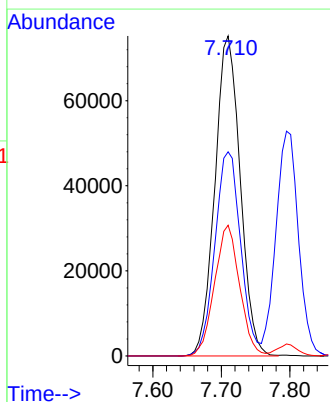
MMDadoda
6/18/2021 2:22:37 PM

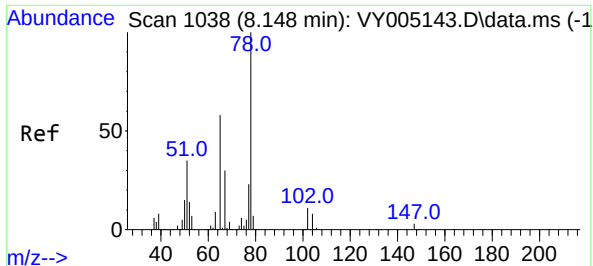


#32
1,1,1-Trichloroethane
Concen: 50.048 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

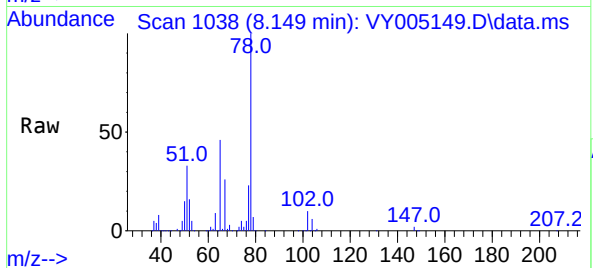


Tgt Ion: 97 Resp: 192802
Ion Ratio Lower Upper
97 100
99 65.2 51.3 76.9
61 40.6 32.2 48.2

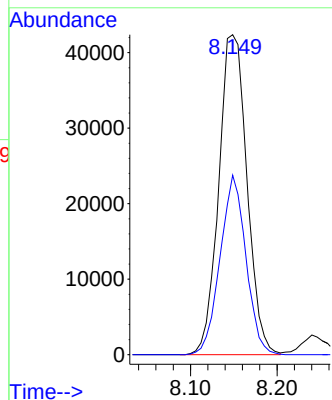




#33
1,2-Dichloroethane-d4
Concen: 45.615 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



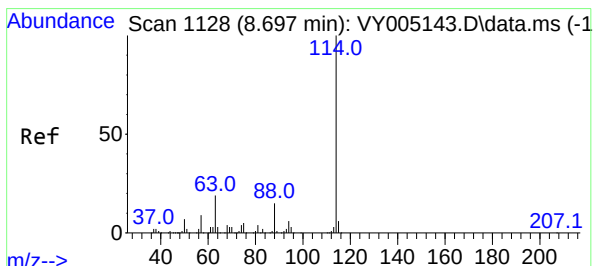
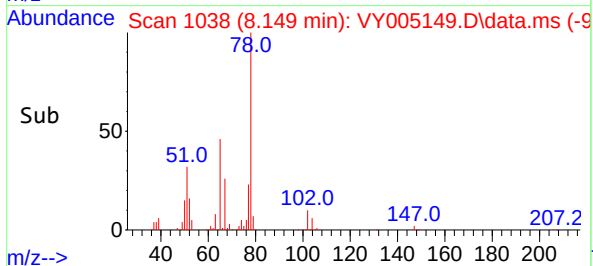
Tgt Ion: 65 Resp: 95940
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2



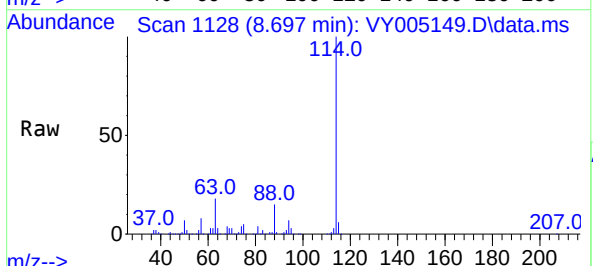
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

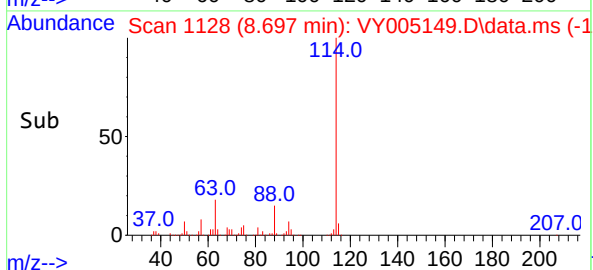
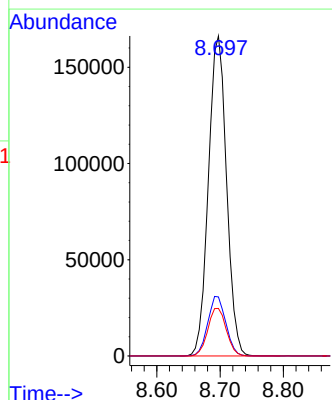
MMDadoda
6/18/2021 2:22:37 PM

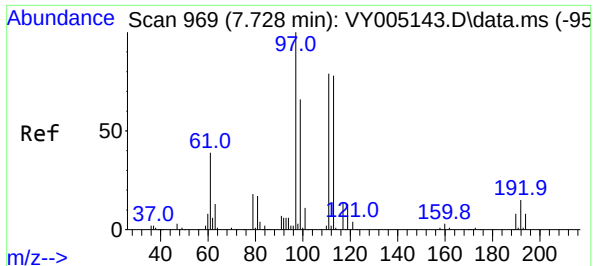


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



Tgt Ion: 114 Resp: 330800
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.6
88 14.9 0.0 29.6





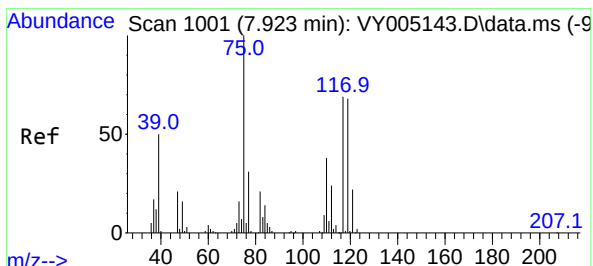
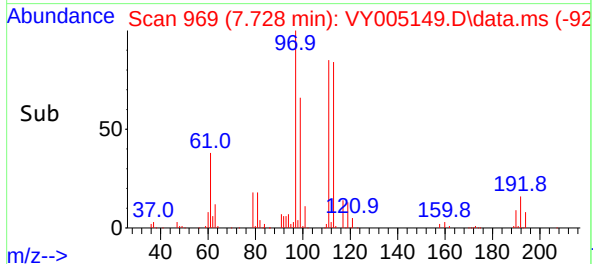
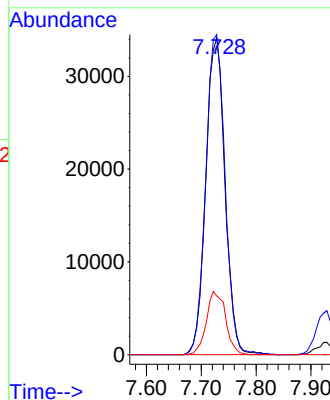
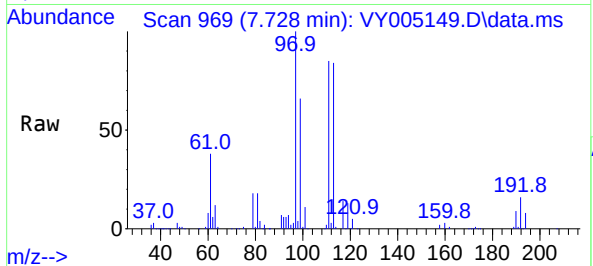
#35
Dibromofluoromethane
Concen: 57.172 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 113 Resp: 82926
Ion Ratio Lower Upper
113 100
111 101.5 82.3 123.5
192 20.0 16.2 24.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

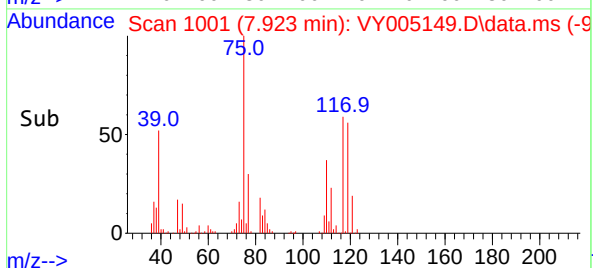
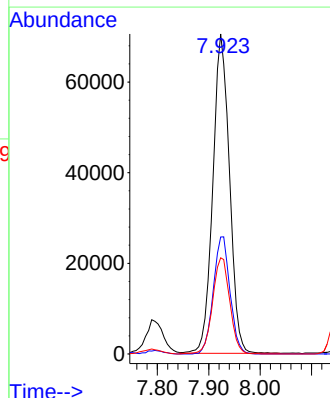
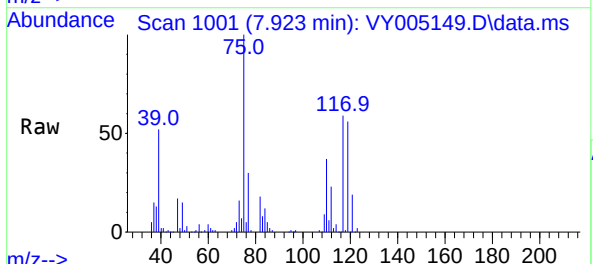
Manual Integrations
APPROVED

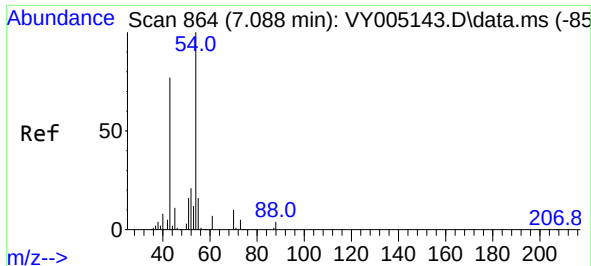
MMDadoda
6/18/2021 2:22:37 PM



#36
1,1-Dichloropropene
Concen: 52.368 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

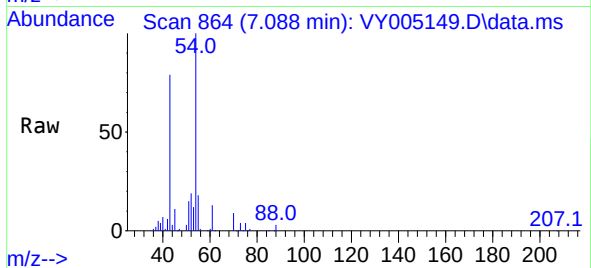
Tgt Ion: 75 Resp: 158640
Ion Ratio Lower Upper
75 100
110 36.7 18.8 56.3
77 31.1 24.6 36.8





#37
Ethyl Acetate
Concen: 50.737 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

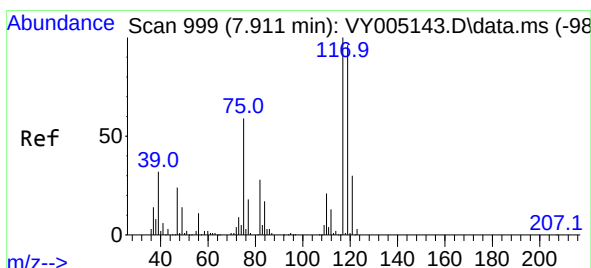
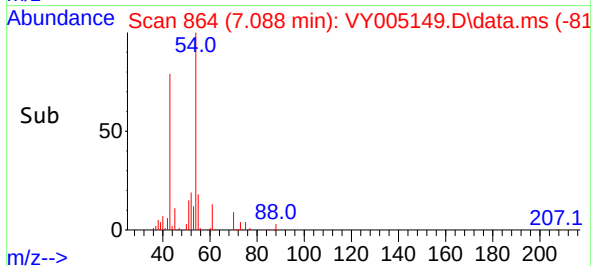
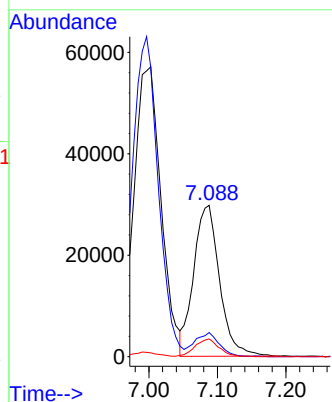
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 78321
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 11.0 8.8 13.2

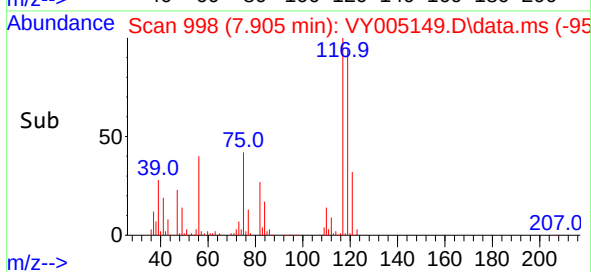
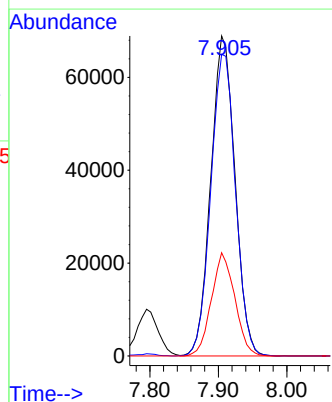
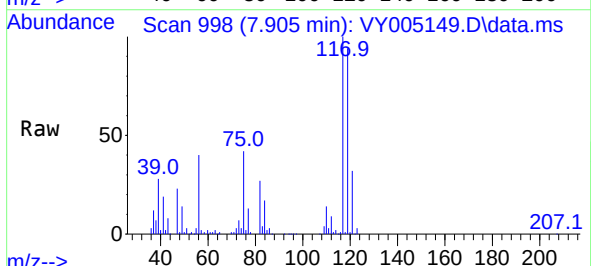
Manual Integrations
APPROVED

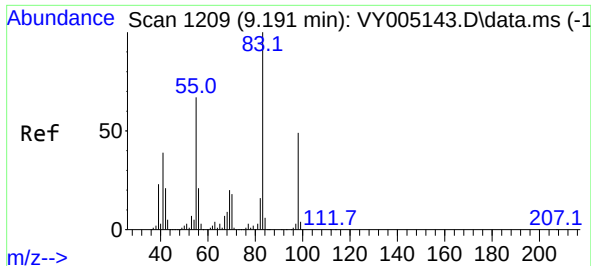
MMDadoda
6/18/2021 2:22:37 PM



#38
Carbon Tetrachloride
Concen: 52.502 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

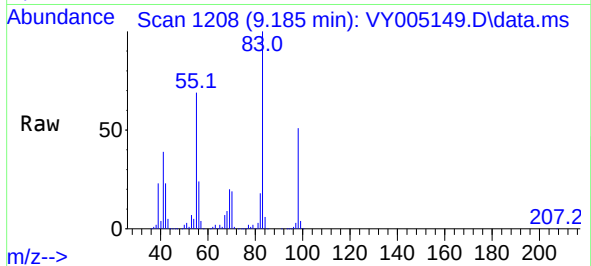
Tgt Ion: 117 Resp: 168857
Ion Ratio Lower Upper
117 100
119 94.3 76.9 115.3
121 32.3 24.2 36.4





#39
Methylcyclohexane
Concen: 53.489 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

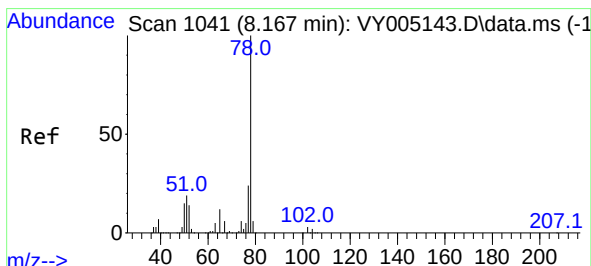
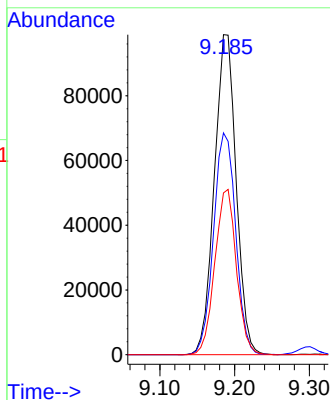
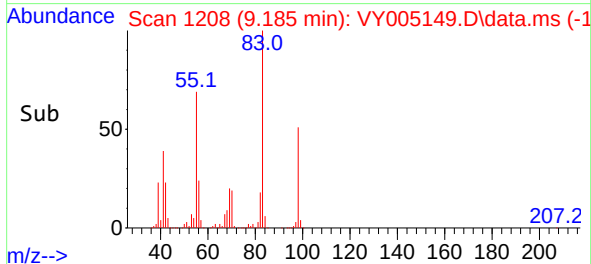
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



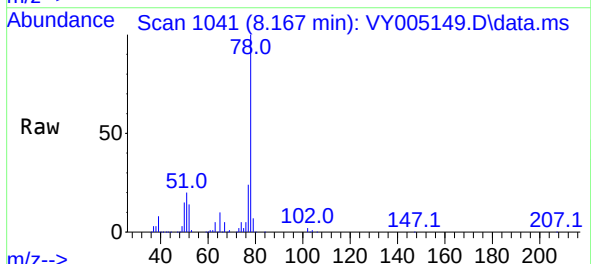
Tgt Ion: 83 Resp: 200840
Ion Ratio Lower Upper
83 100
55 69.3 53.8 80.6
98 50.6 39.4 59.2

Manual Integrations
APPROVED

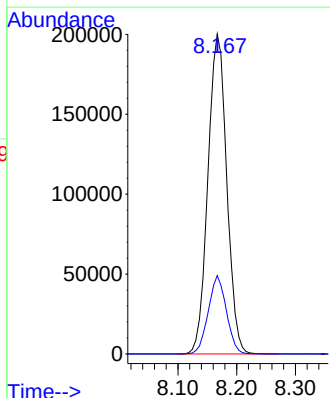
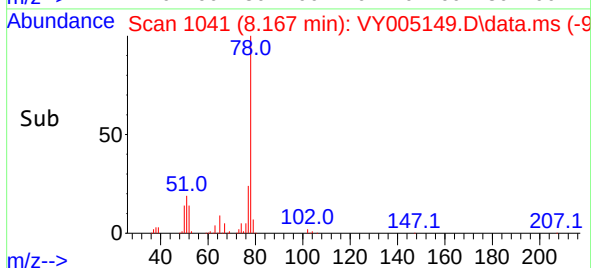
MMDadoda
6/18/2021 2:22:37 PM

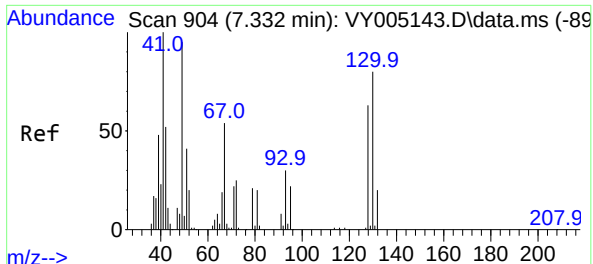


#40
Benzene
Concen: 51.662 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



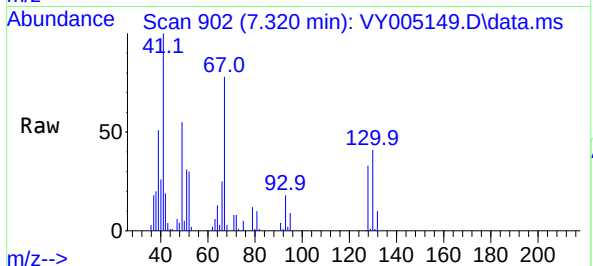
Tgt Ion: 78 Resp: 445764
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6





#41
Methacrylonitrile
Concen: 41.958 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

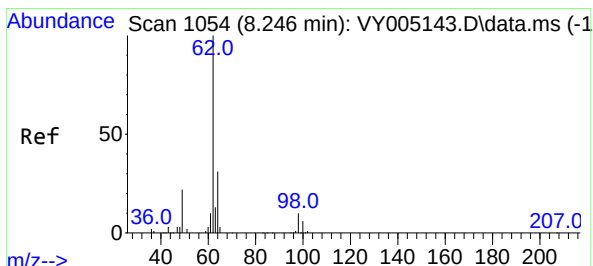
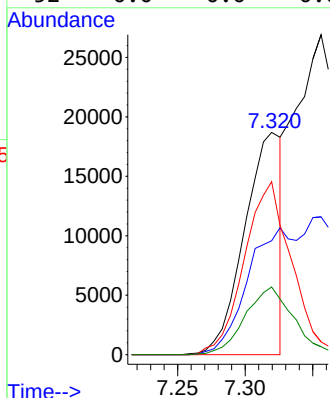
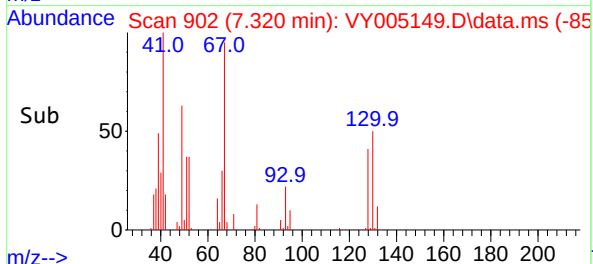
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



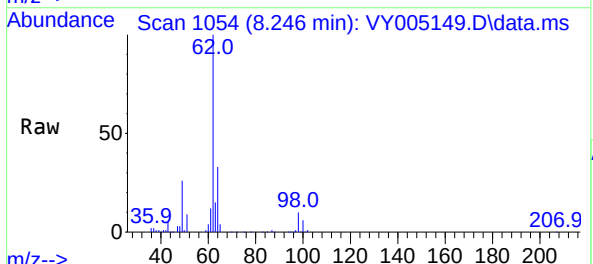
Tgt Ion: 41 Resp: 35791
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

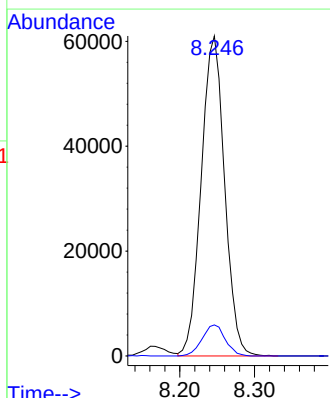
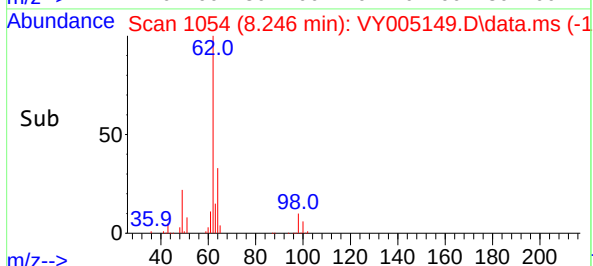
MMDadoda
6/18/2021 2:22:37 PM

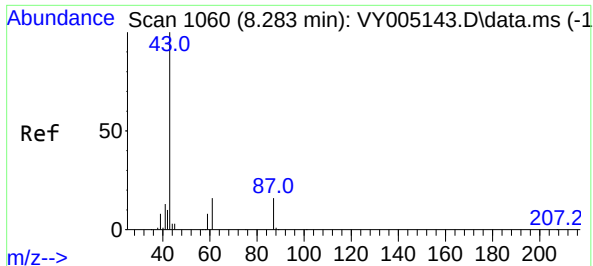


#42
1,2-Dichloroethane
Concen: 49.266 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



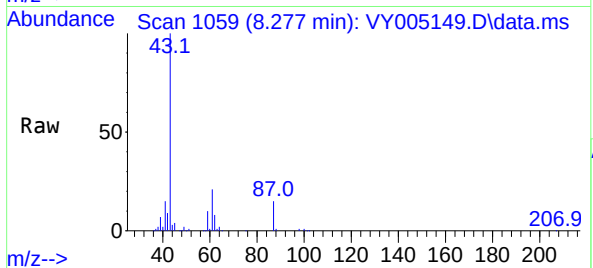
Tgt Ion: 62 Resp: 132531
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.8





#43
Isopropyl Acetate
Concen: 51.953 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

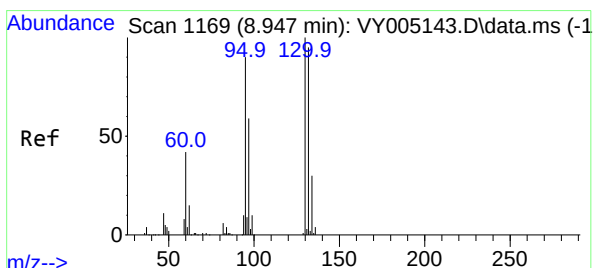
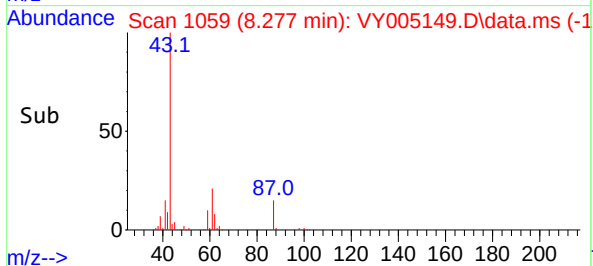
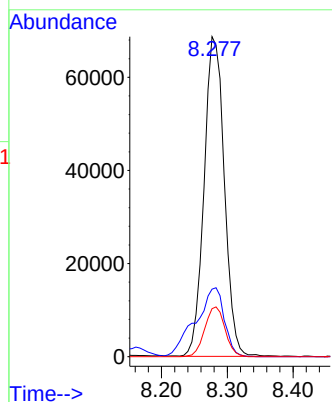
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 146958
Ion Ratio Lower Upper
43 100
61 30.7 24.5 36.7
87 15.6 12.6 18.8

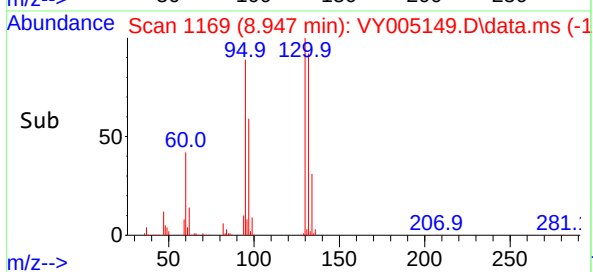
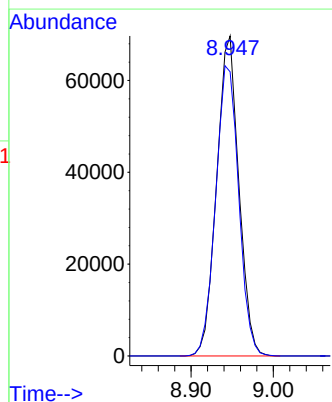
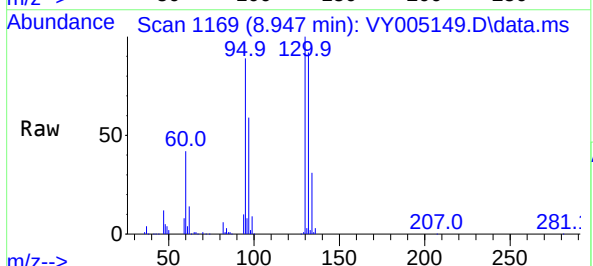
Manual Integrations
APPROVED

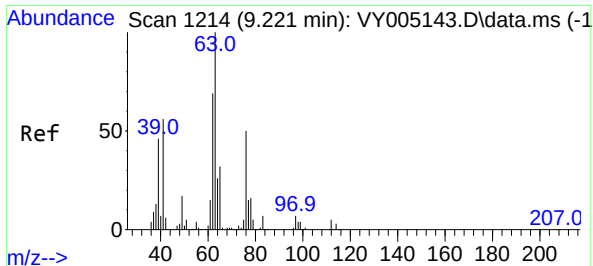
MMDadoda
6/18/2021 2:22:37 PM



#44
Trichloroethene
Concen: 51.644 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 130 Resp: 130821
Ion Ratio Lower Upper
130 100
95 88.8 0.0 180.2





#45

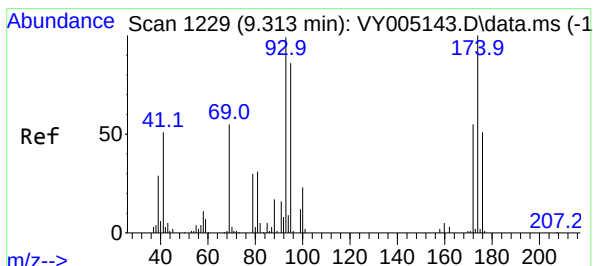
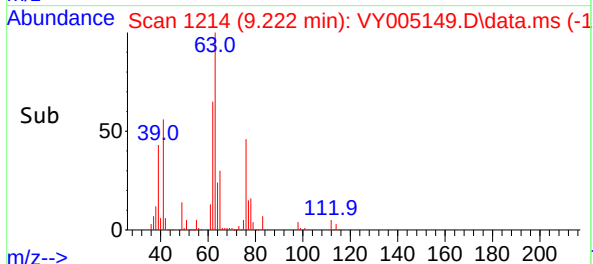
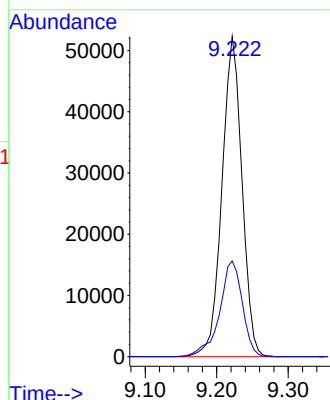
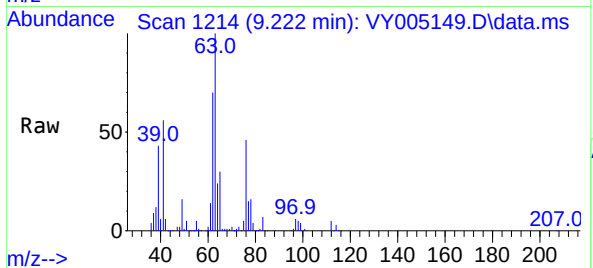
1,2-Dichloropropane
Concen: 51.435 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 63 Resp: 101581
Ion Ratio Lower Upper
63 100
65 29.9 25.8 38.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

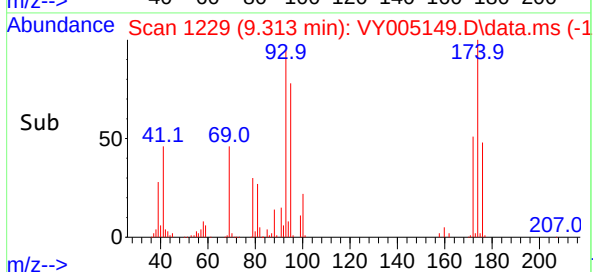
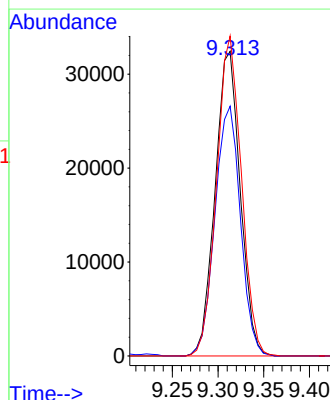
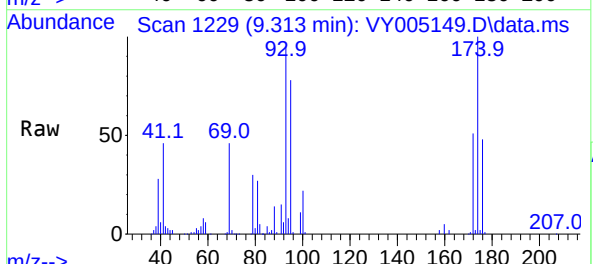
MMDadoda
6/18/2021 2:22:37 PM

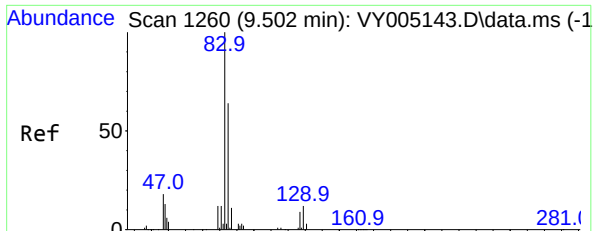


#46

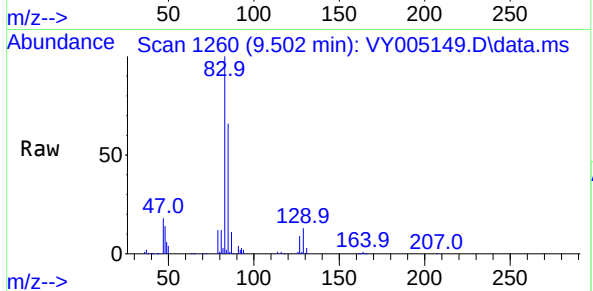
Dibromomethane
Concen: 50.404 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 93 Resp: 62057
Ion Ratio Lower Upper
93 100
95 83.1 66.2 99.2
174 103.5 82.2 123.4

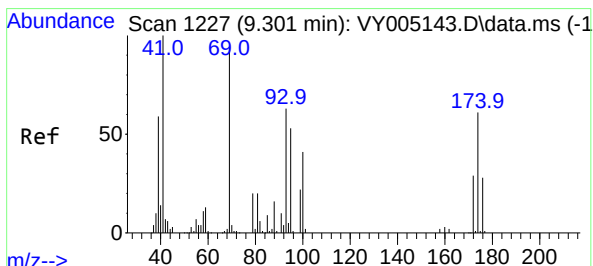
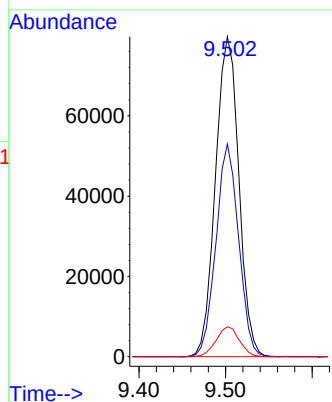
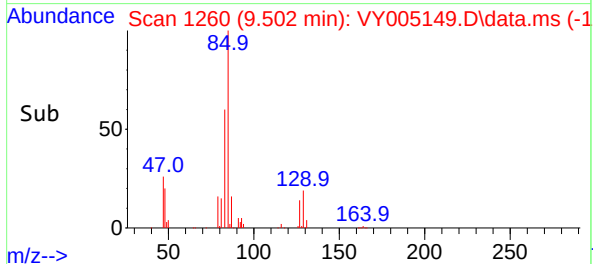




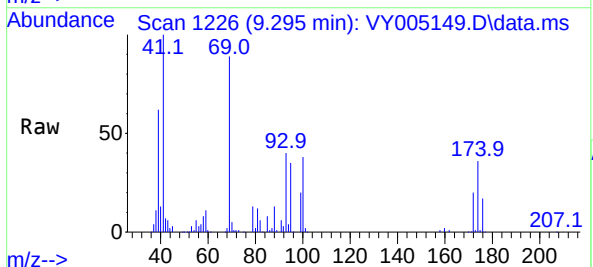
#47
Bromodichloromethane
Concen: 50.366 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



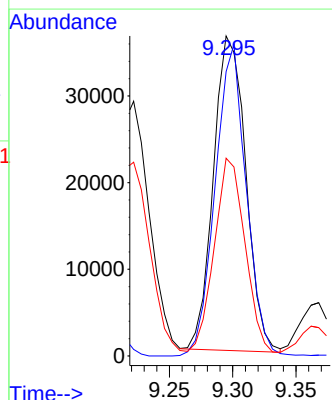
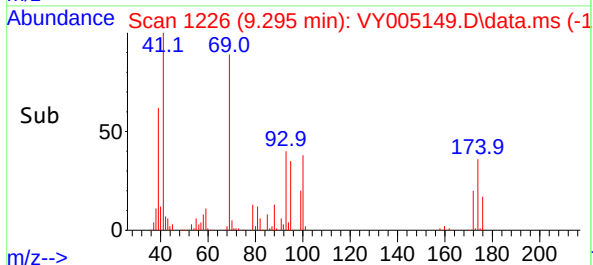
Tgt Ion: 83 Resp: 149339
Ion Ratio Lower Upper
83 100
85 66.5 51.4 77.0
127 9.4 7.3 10.9



#48
Methyl methacrylate
Concen: 50.905 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



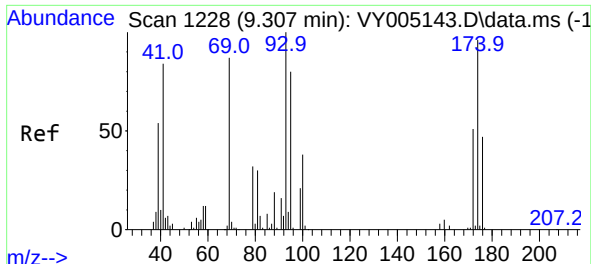
Tgt Ion: 41 Resp: 64469
Ion Ratio Lower Upper
41 100
69 95.1 78.6 118.0
39 58.8 49.4 74.0



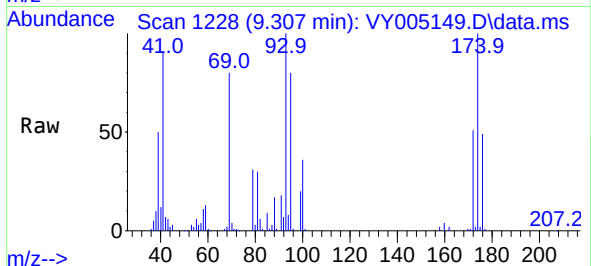
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

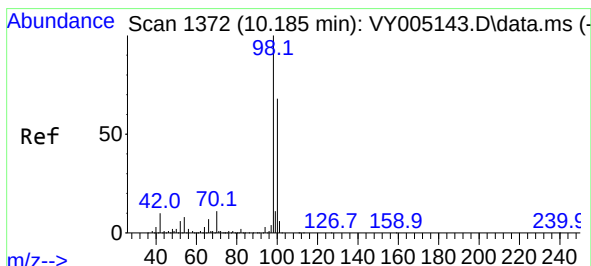
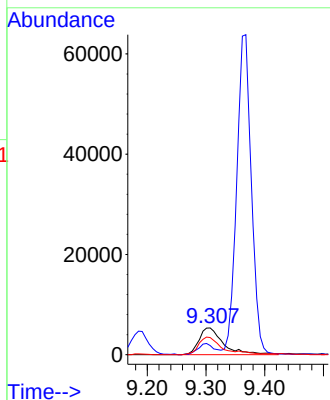
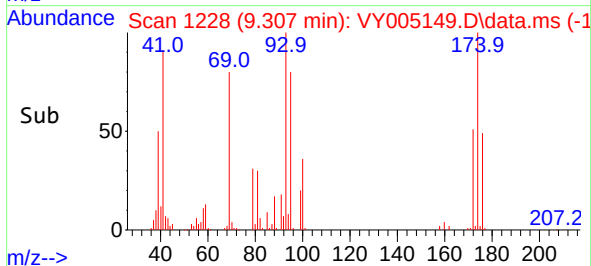
MMDadoda
6/18/2021 2:22:37 PM



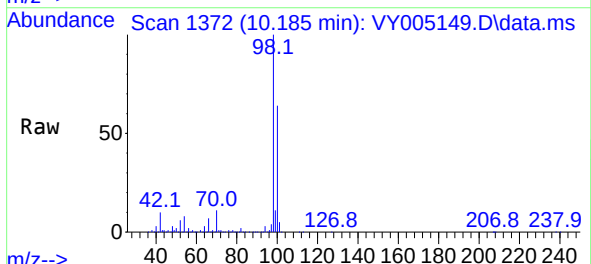
#49
1,4-Dioxane
Concen: 976.946 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



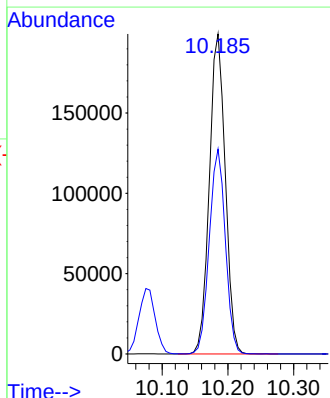
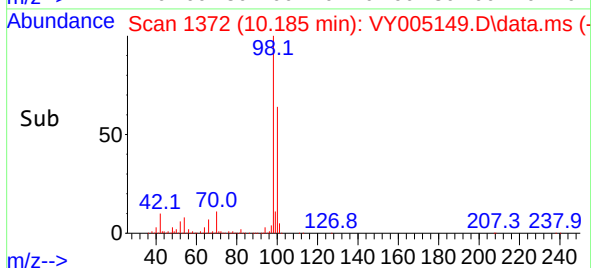
Tgt Ion: 88 Resp: 15534
Ion Ratio Lower Upper
88 100
43 28.7 22.2 33.2
58 63.9 44.2 66.2



#50
Toluene-d8
Concen: 47.638 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



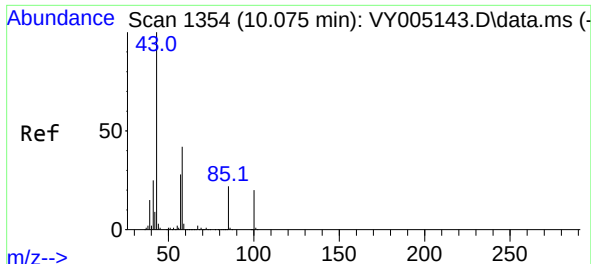
Tgt Ion: 98 Resp: 335728
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/18/2021 2:22:37 PM



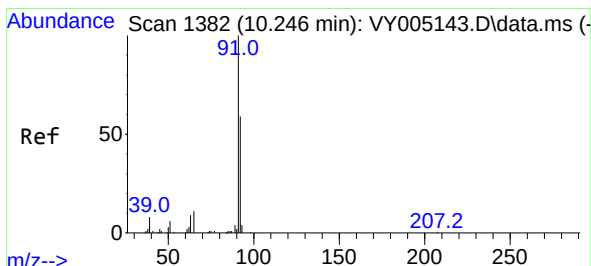
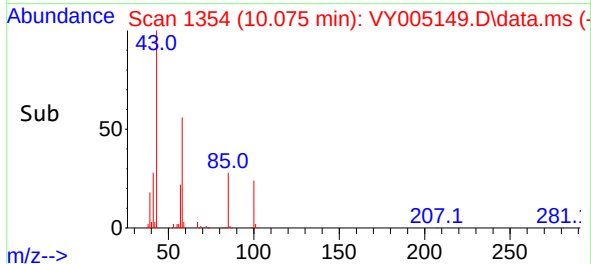
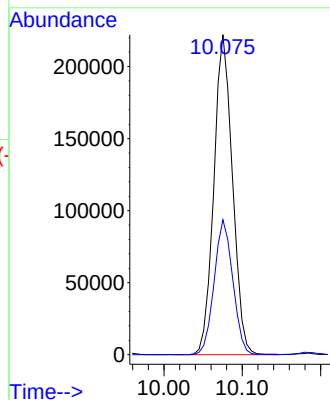
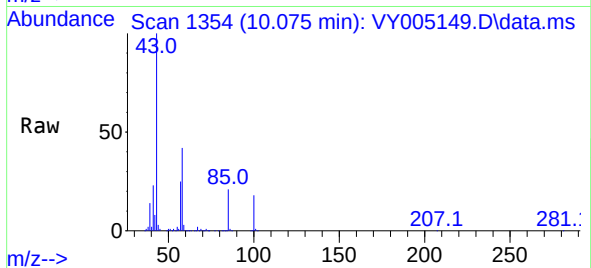
#51
4-Methyl-2-Pentanone
Concen: 253.777 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 43 Resp: 367087
Ion Ratio Lower Upper
43 100
58 42.2 33.0 49.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

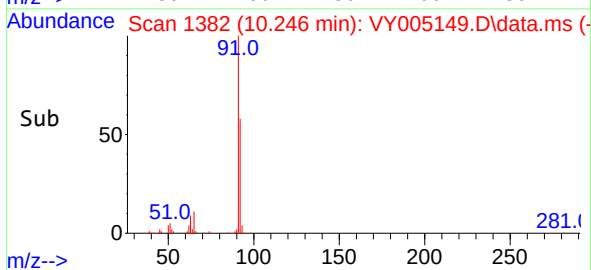
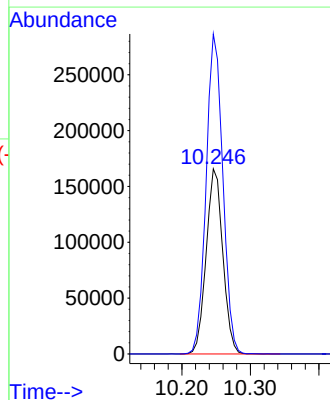
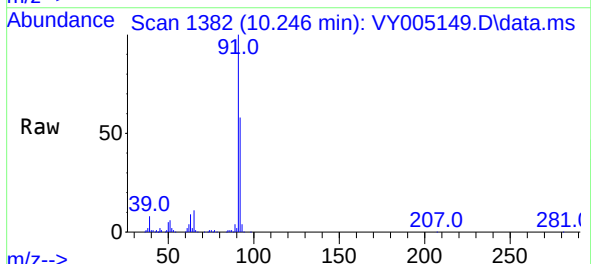
Manual Integrations
APPROVED

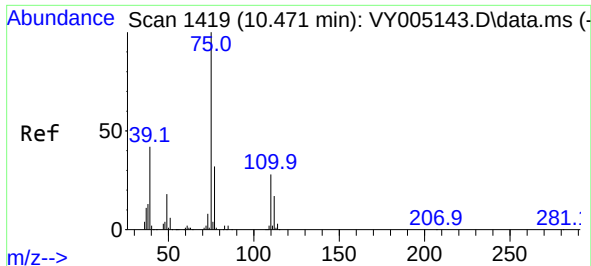
MMDadoda
6/18/2021 2:22:37 PM



#52
Toluene
Concen: 50.946 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 92 Resp: 279738
Ion Ratio Lower Upper
92 100
91 173.4 139.3 208.9





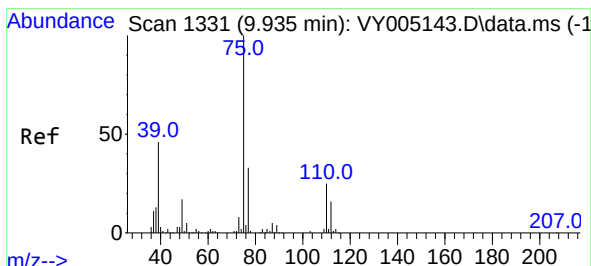
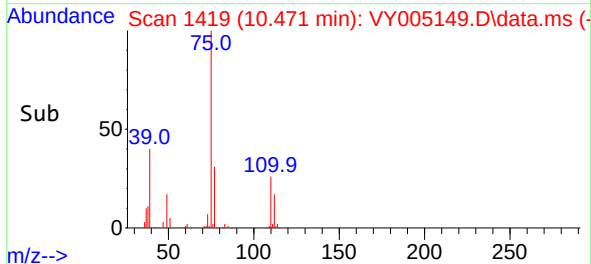
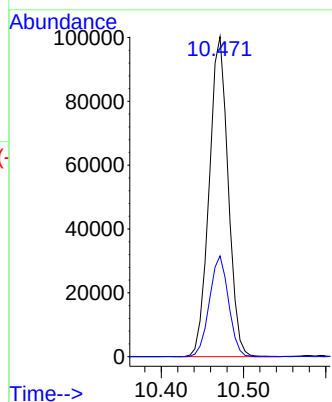
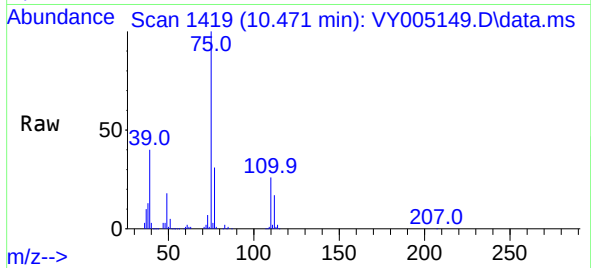
#53
t-1,3-Dichloropropene
Concen: 50.543 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 75 Resp: 160303
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

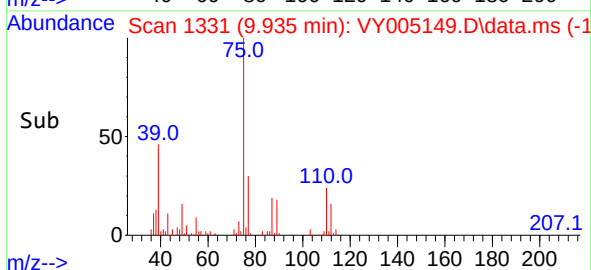
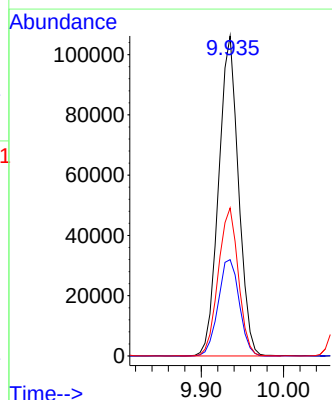
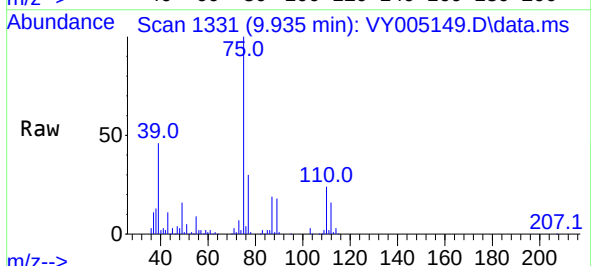
Manual Integrations
APPROVED

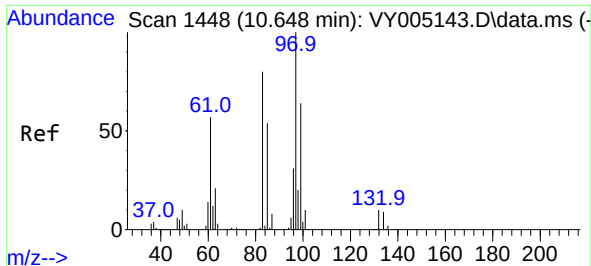
MMDadoda
6/18/2021 2:22:37 PM



#54
cis-1,3-Dichloropropene
Concen: 50.679 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

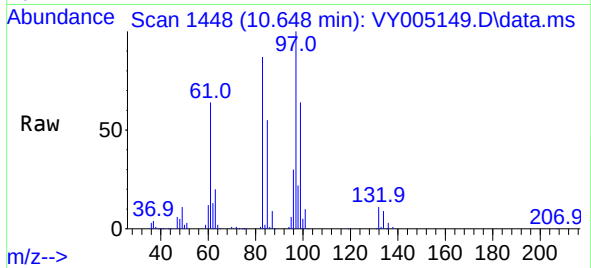
Tgt Ion: 75 Resp: 177916
Ion Ratio Lower Upper
75 100
77 30.1 26.5 39.7
39 46.3 36.5 54.7





#55
1,1,2-Trichloroethane
Concen: 48.995 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

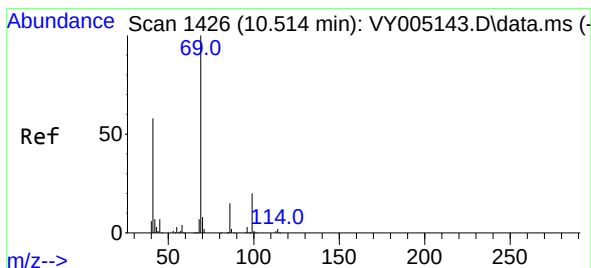
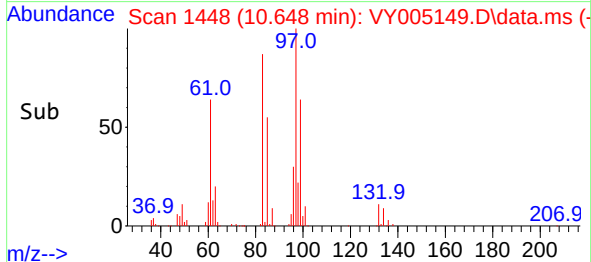
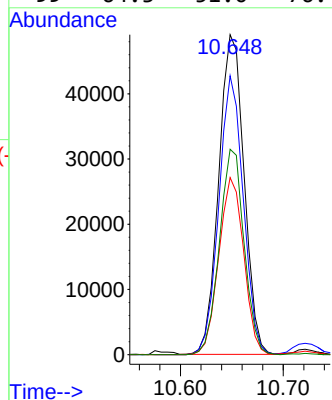
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



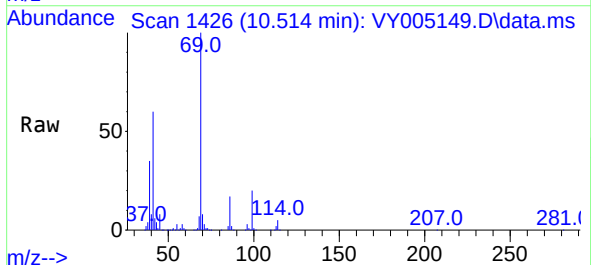
Tgt Ion:	97	Resp:	83790
Ion	Ratio	Lower	Upper
97	100		
83	87.3	64.0	96.0
85	55.4	42.9	64.3
99	64.3	51.0	76.4

Manual Integrations
APPROVED

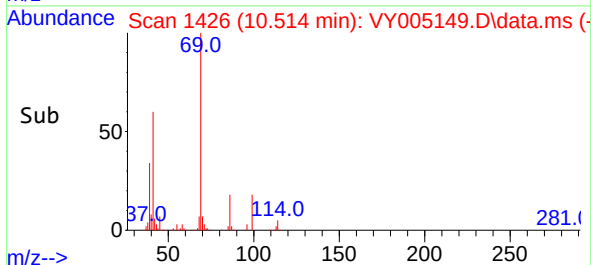
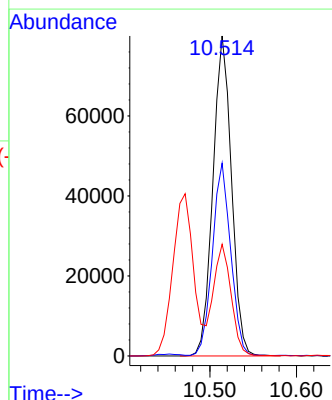
MMDadoda
6/18/2021 2:22:37 PM

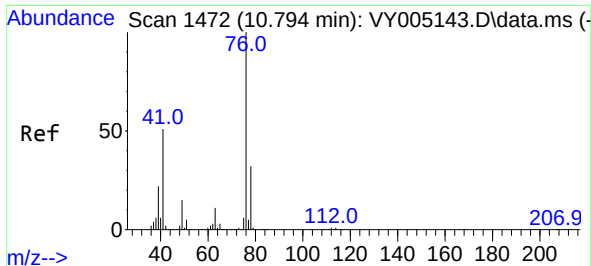


#56
Ethyl methacrylate
Concen: 51.605 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



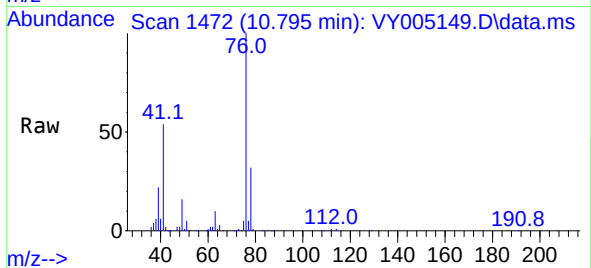
Tgt Ion:	69	Resp:	119234
Ion	Ratio	Lower	Upper
69	100		
41	59.1	47.4	71.2
39	32.7	27.3	40.9





#57
1,3-Dichloropropane
Concen: 50.144 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

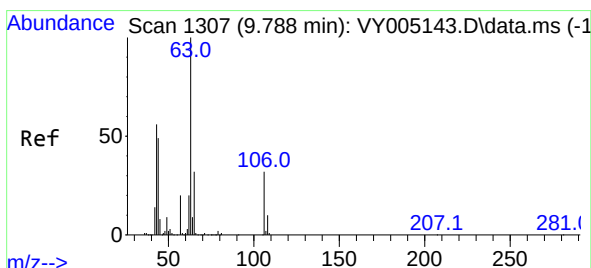
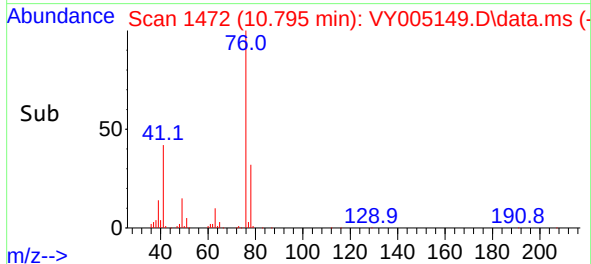
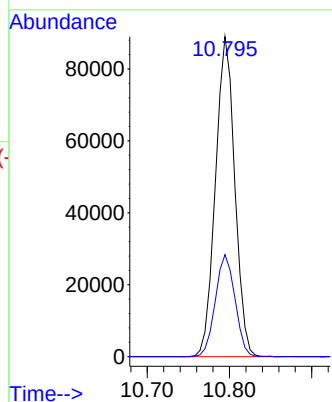
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



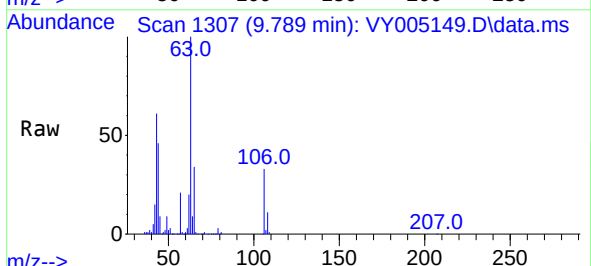
Tgt Ion: 76 Resp: 144979
Ion Ratio Lower Upper
76 100
78 32.5 25.9 38.9

Manual Integrations
APPROVED

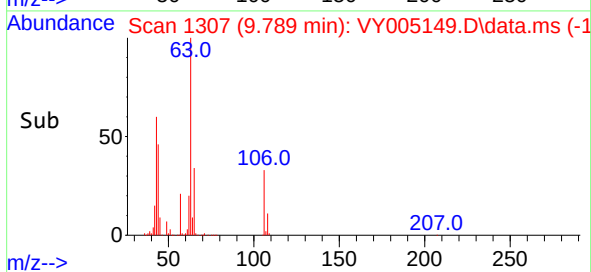
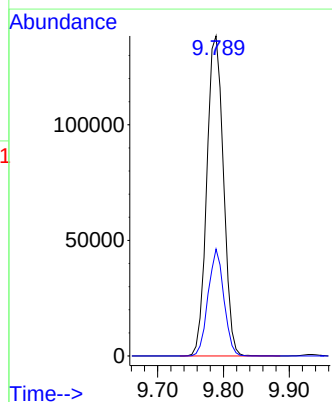
MMDadoda
6/18/2021 2:22:37 PM

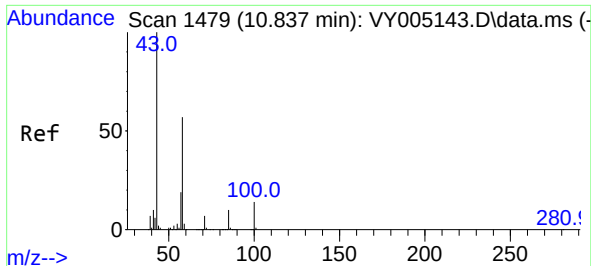


#58
2-Chloroethyl Vinyl ether
Concen: 239.687 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



Tgt Ion: 63 Resp: 243335
Ion Ratio Lower Upper
63 100
106 31.7 25.1 37.7





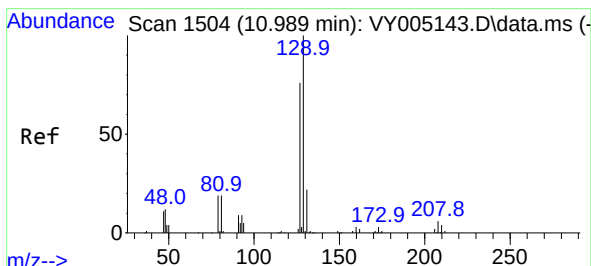
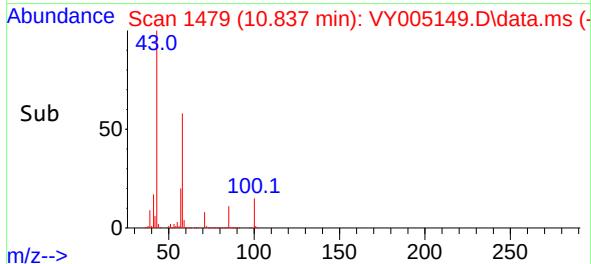
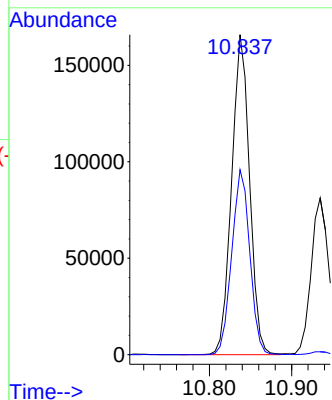
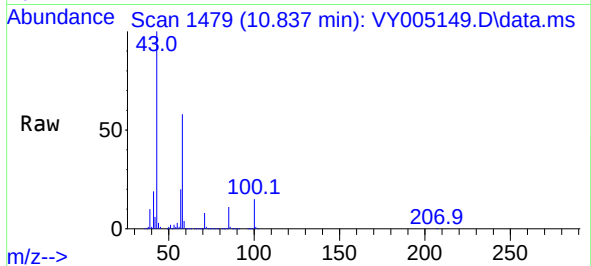
#59
2-Hexanone
Concen: 251.226 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 43 Resp: 251314
Ion Ratio Lower Upper
43 100
58 58.2 28.5 85.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

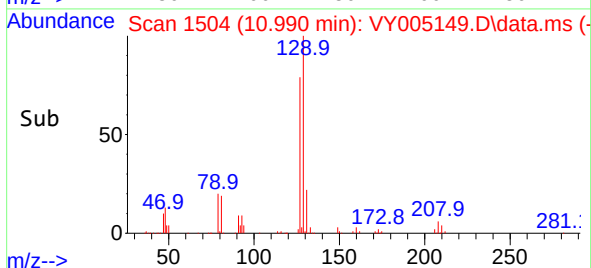
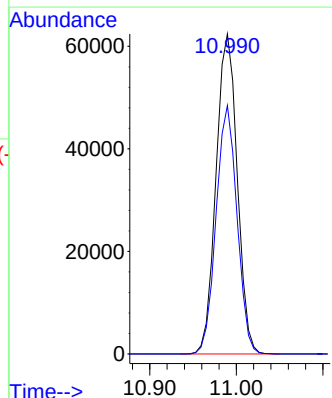
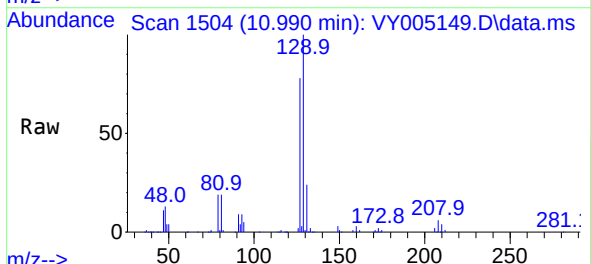
Manual Integrations
APPROVED

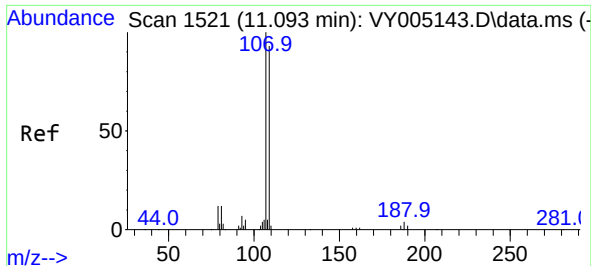
MMDadoda
6/18/2021 2:22:37 PM



#60
Dibromochloromethane
Concen: 49.857 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

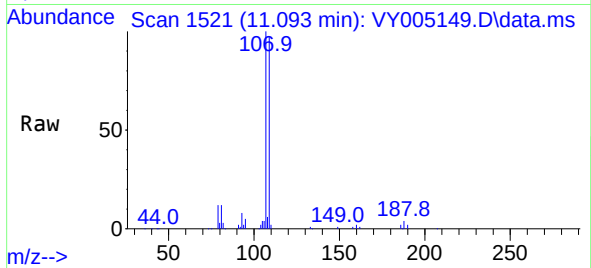
Tgt Ion:129 Resp: 105928
Ion Ratio Lower Upper
129 100
127 76.7 39.3 117.9





#61
1,2-Dibromoethane
Concen: 48.531 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

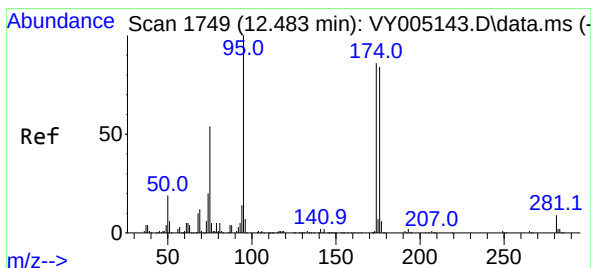
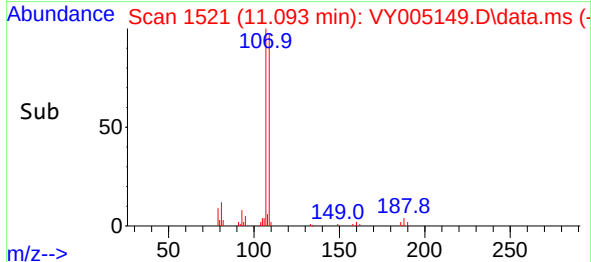
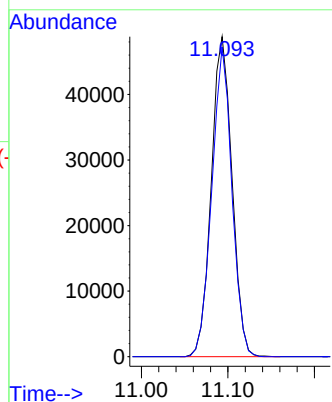
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



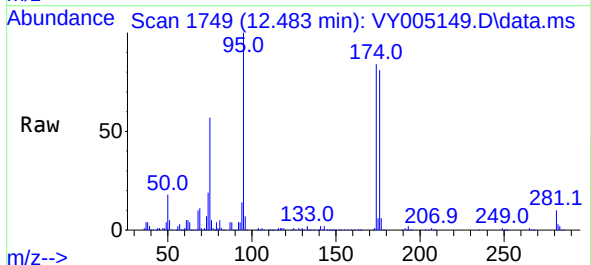
Tgt Ion:107 Resp: 81039
Ion Ratio Lower Upper
107 100
109 93.8 75.5 113.3

Manual Integrations
APPROVED

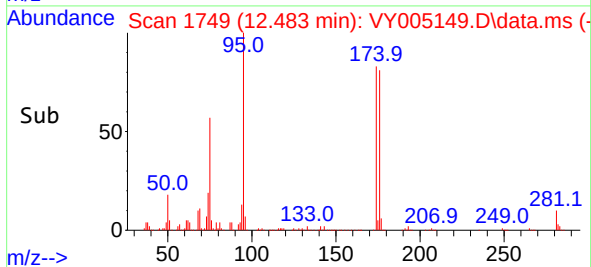
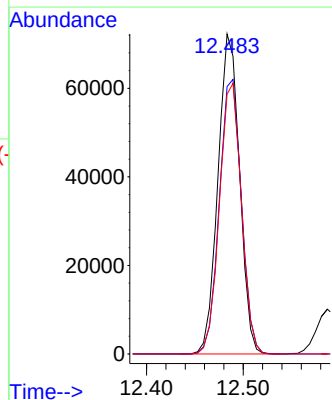
MMDadoda
6/18/2021 2:22:37 PM

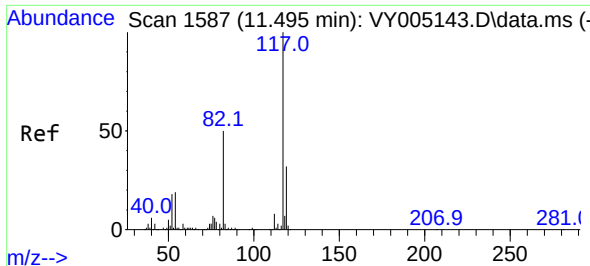


#62
4-Bromofluorobenzene
Concen: 47.199 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



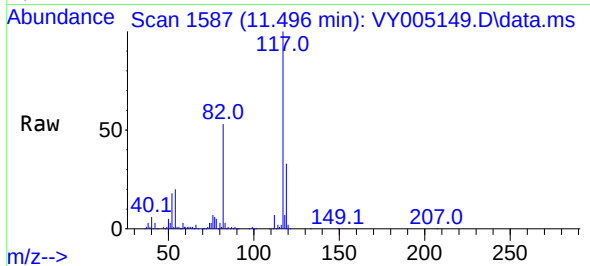
Tgt Ion: 95 Resp: 111871
Ion Ratio Lower Upper
95 100
174 87.7 0.0 179.2
176 86.0 0.0 174.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

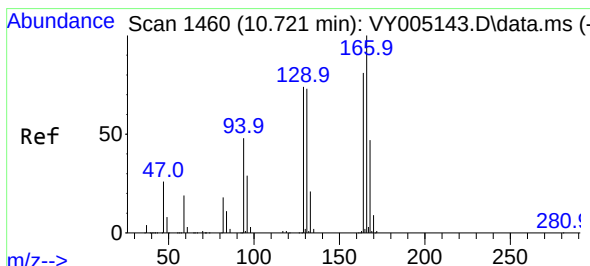
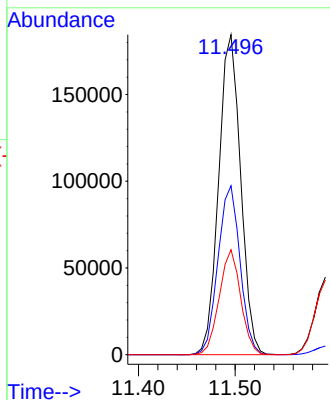
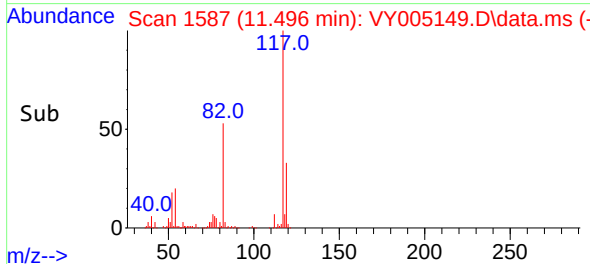
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



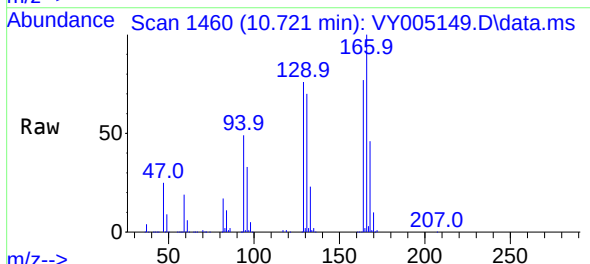
Tgt Ion:117 Resp: 290727
Ion Ratio Lower Upper
117 100
82 52.8 39.8 59.6
119 32.8 25.9 38.9

Manual Integrations
APPROVED

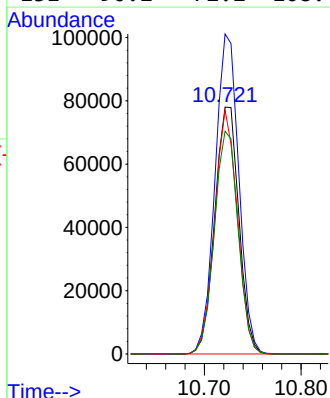
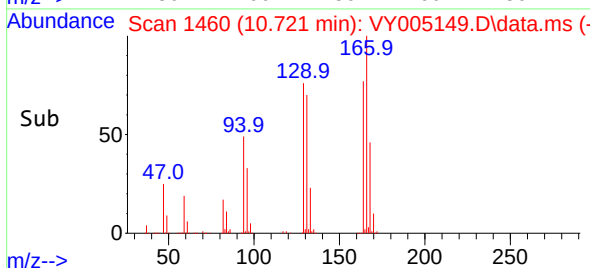
MMDadoda
6/18/2021 2:22:37 PM

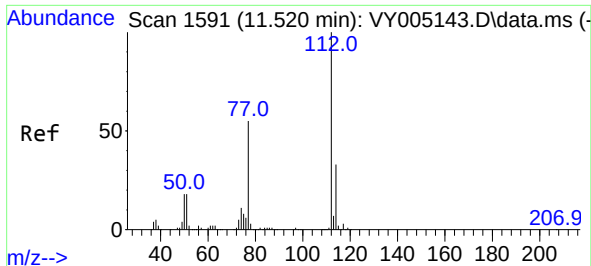


#64
Tetrachloroethene
Concen: 52.171 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



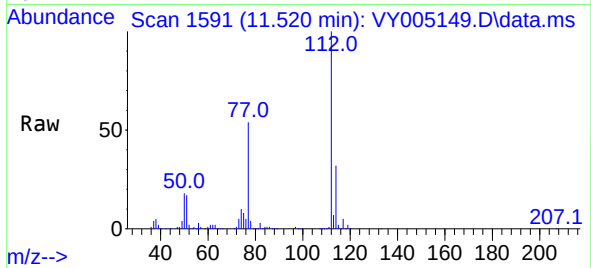
Tgt Ion:164 Resp: 135332
Ion Ratio Lower Upper
164 100
166 129.6 99.0 148.4
129 98.8 73.5 110.3
131 90.2 72.2 108.4





#65
Chlorobenzene
Concen: 51.715 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

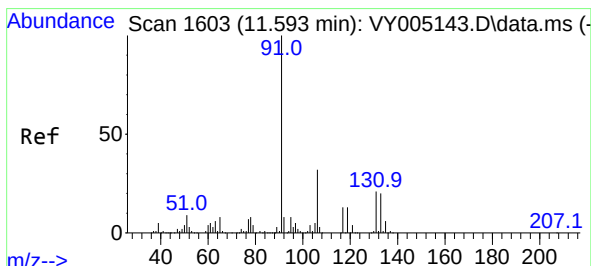
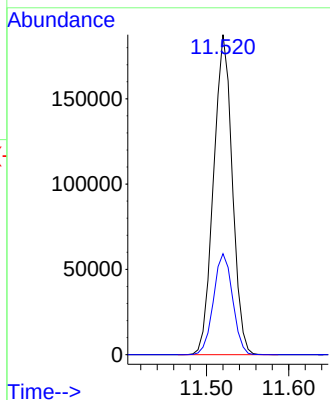
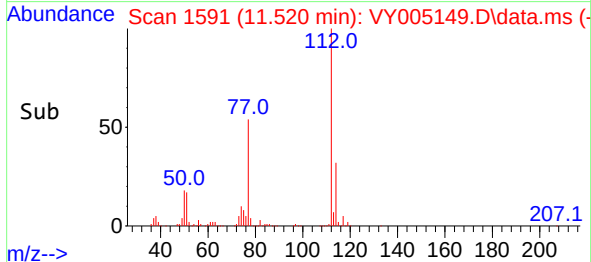
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



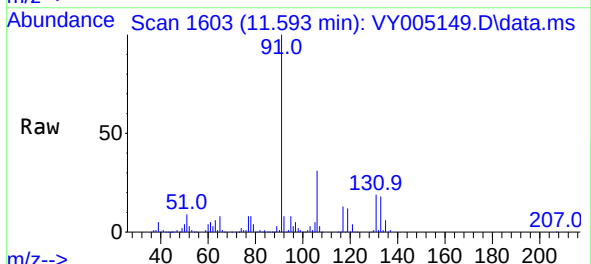
Tgt Ion:112 Resp: 296633
Ion Ratio Lower Upper
112 100
114 31.5 26.4 39.6

Manual Integrations
APPROVED

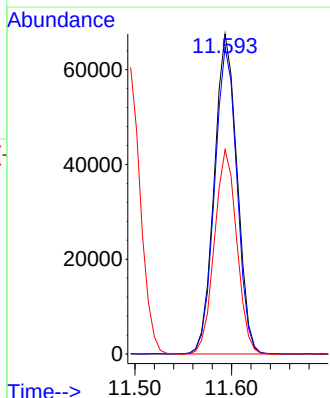
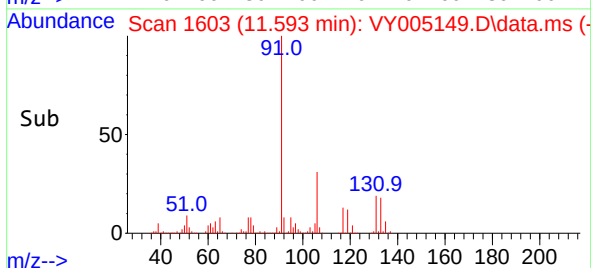
MMDadoda
6/18/2021 2:22:37 PM

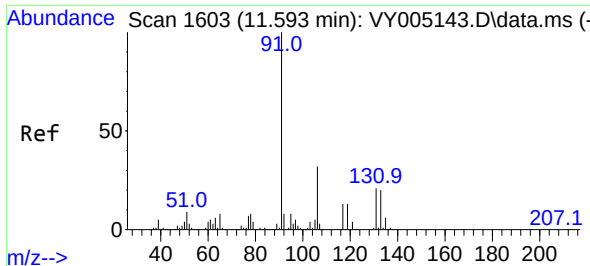


#66
1,1,1,2-Tetrachloroethane
Concen: 51.923 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



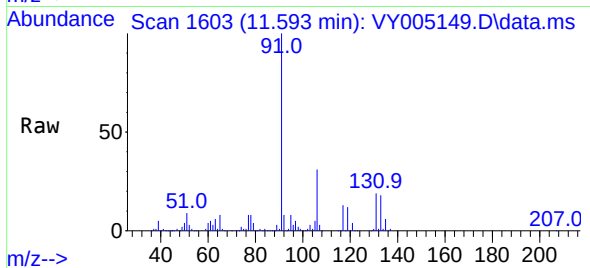
Tgt Ion:131 Resp: 110439
Ion Ratio Lower Upper
131 100
133 94.2 48.1 144.4
119 62.5 31.4 94.2





#67
Ethyl Benzene
Concen: 53.358 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

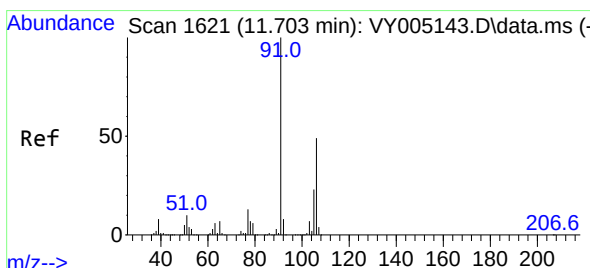
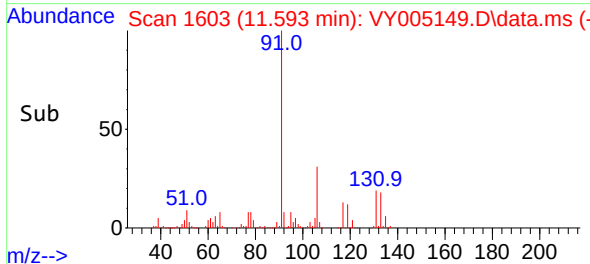
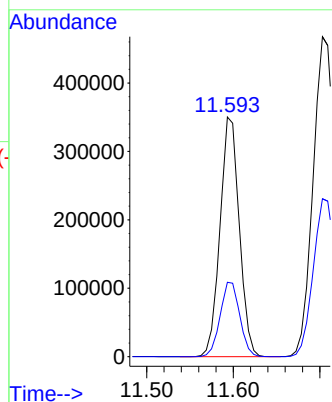
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 541162
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9

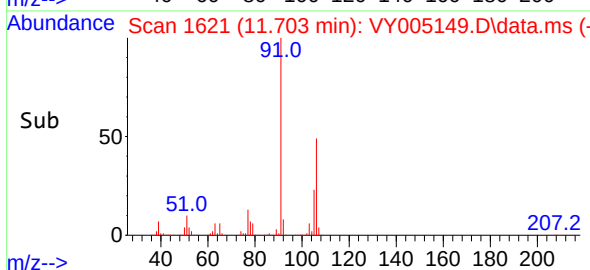
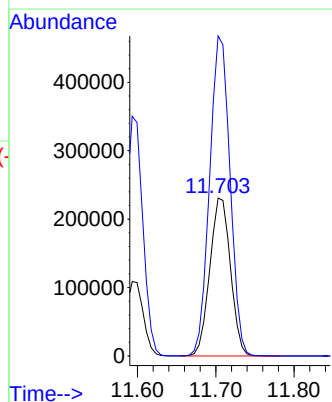
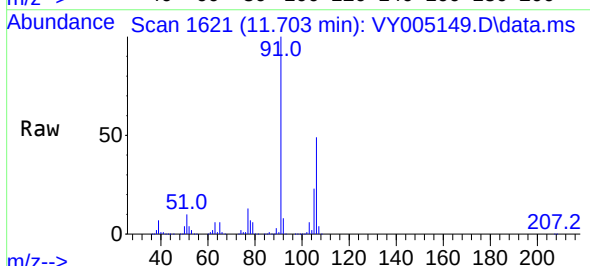
Manual Integrations
APPROVED

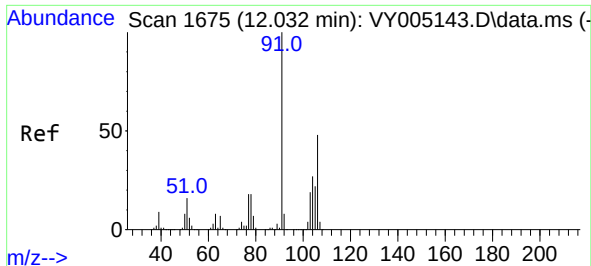
MMDadoda
6/18/2021 2:22:37 PM



#68
m/p-Xylenes
Concen: 105.957 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 106 Resp: 422453
Ion Ratio Lower Upper
106 100
91 200.6 160.6 240.8





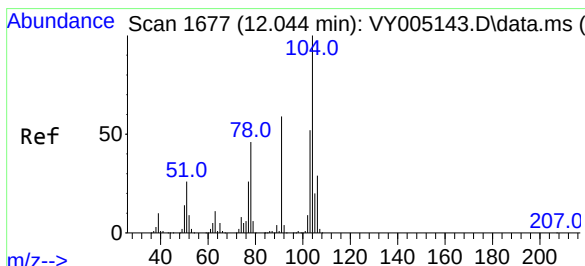
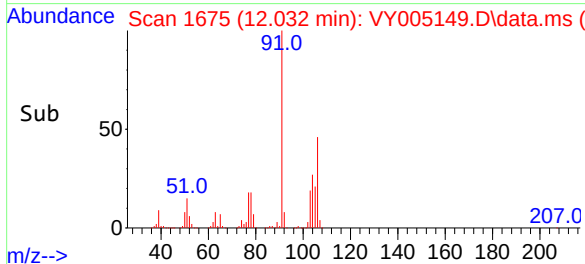
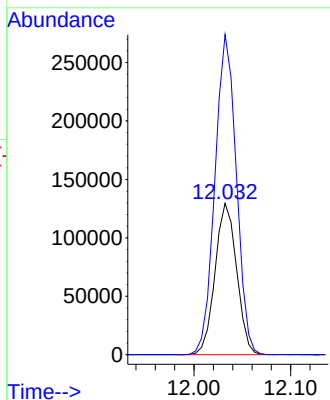
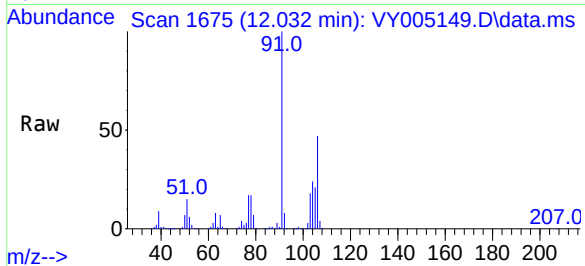
#69
o-Xylene
Concen: 53.441 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion:106 Resp: 200394
Ion Ratio Lower Upper
106 100
91 210.0 105.5 316.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

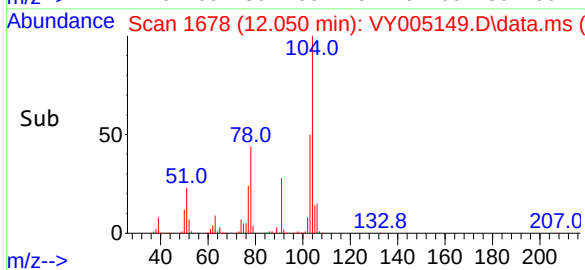
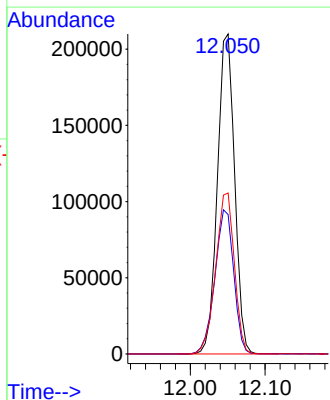
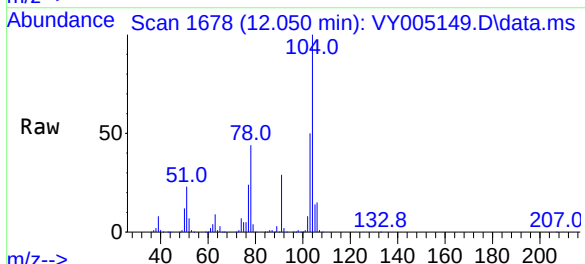
Manual Integrations
APPROVED

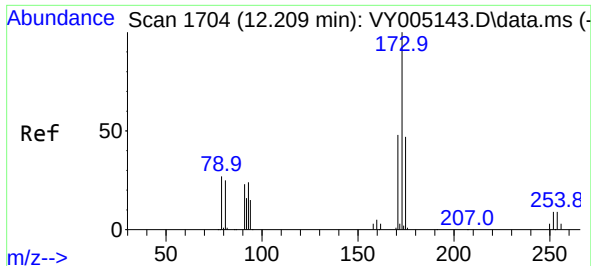
MMDadoda
6/18/2021 2:22:37 PM



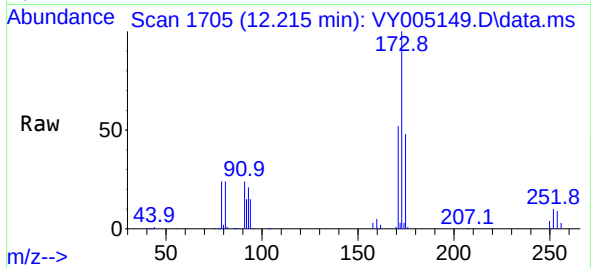
#70
Styrene
Concen: 52.878 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion:104 Resp: 335521
Ion Ratio Lower Upper
104 100
78 49.5 40.1 60.1
103 54.7 44.4 66.6

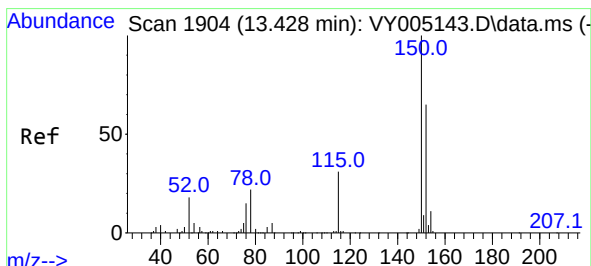
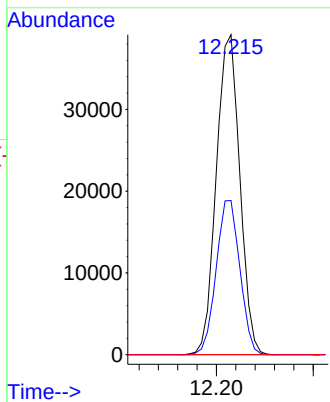
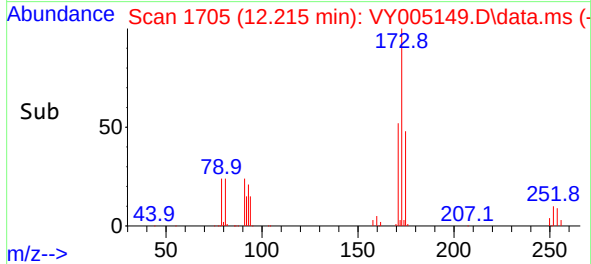




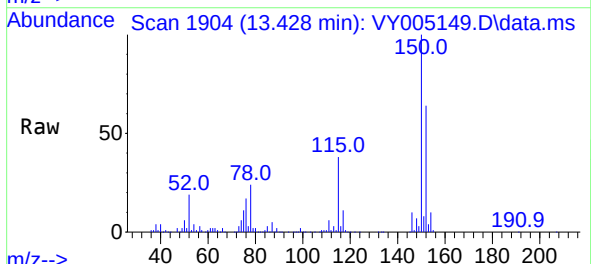
#71
Bromoform
Concen: 50.702 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



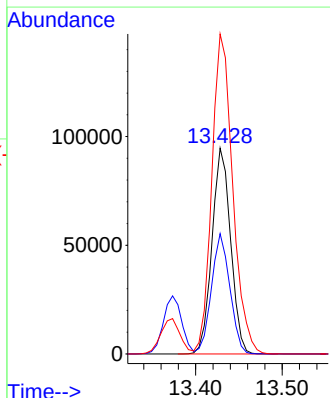
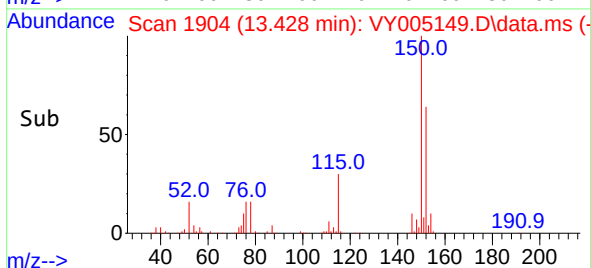
Tgt Ion:173 Resp: 66065
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



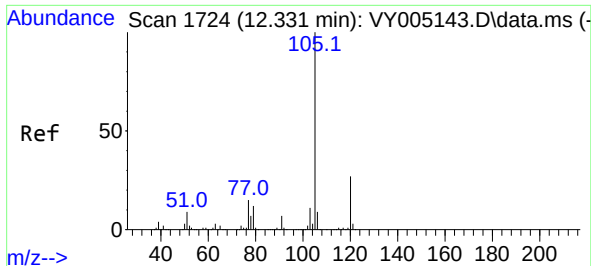
Tgt Ion:152 Resp: 141571
Ion Ratio Lower Upper
152 100
115 57.7 29.5 88.6
150 174.3 0.0 348.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

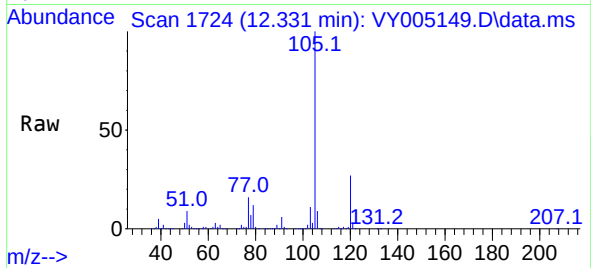
Manual Integrations
APPROVED

MMDadoda
6/18/2021 2:22:37 PM



#73
Isopropylbenzene
Concen: 54.533 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

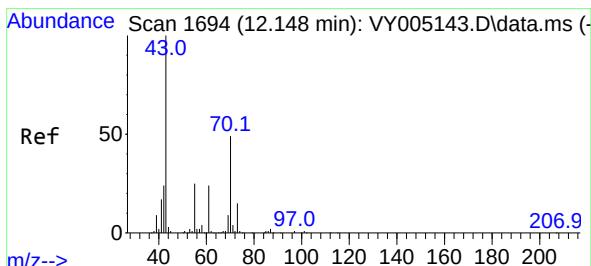
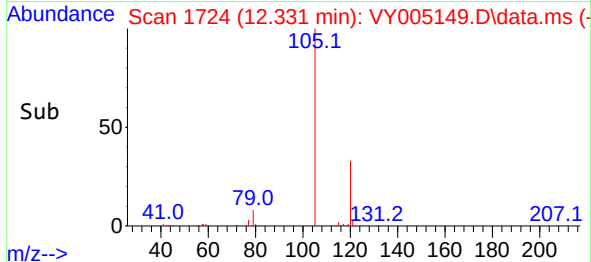
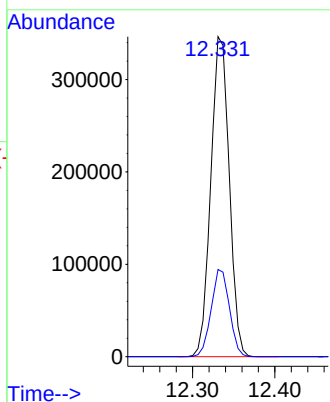
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



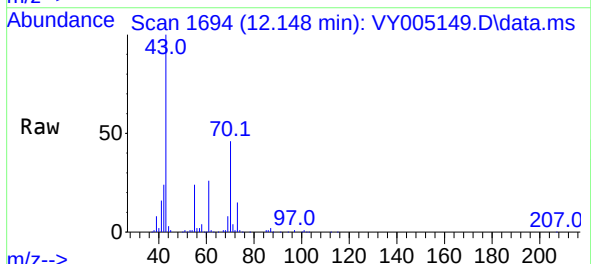
Tgt Ion: 105 Resp: 539746
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

Manual Integrations
APPROVED

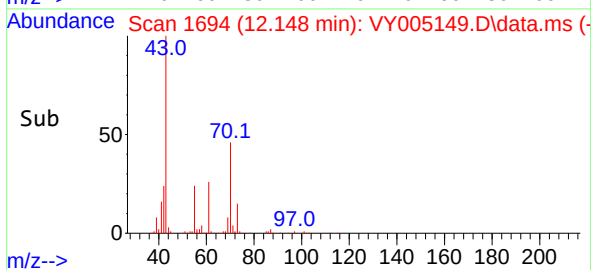
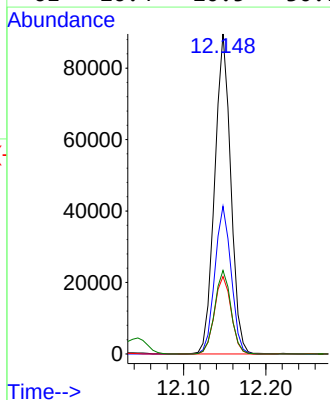
MMDadoda
6/18/2021 2:22:37 PM

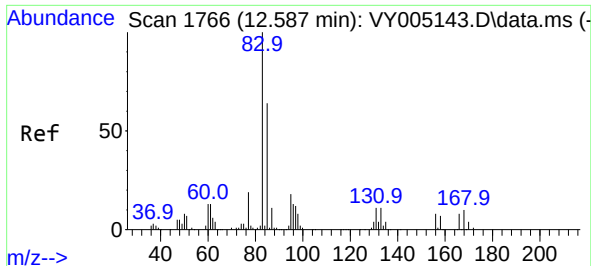


#74
N-ethyl acetate
Concen: 53.018 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



Tgt Ion: 43 Resp: 122038
Ion Ratio Lower Upper
43 100
70 46.8 38.0 57.0
55 25.1 20.4 30.6
61 26.4 20.5 30.7





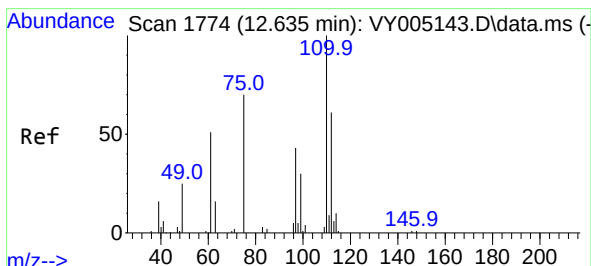
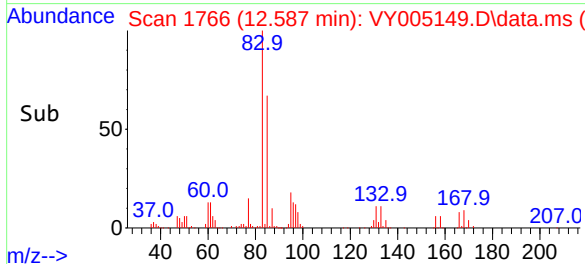
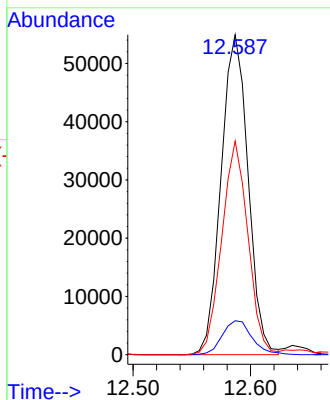
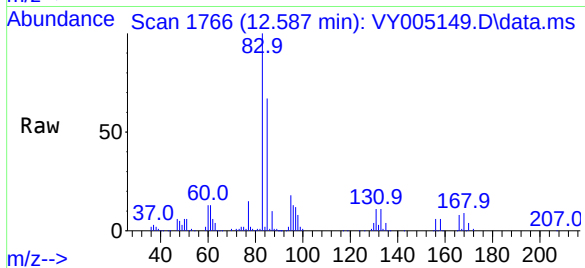
#75
1,1,2,2-Tetrachloroethane
Concen: 51.099 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 83 Resp: 87829
Ion Ratio Lower Upper
83 100
131 11.7 5.9 17.8
85 64.6 31.9 95.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

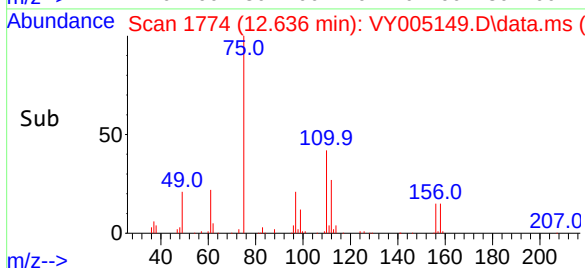
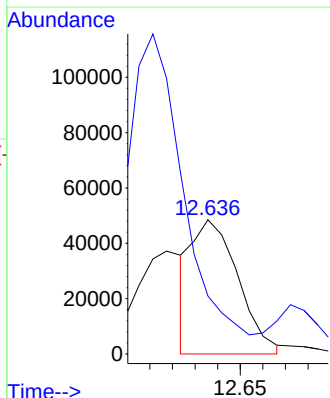
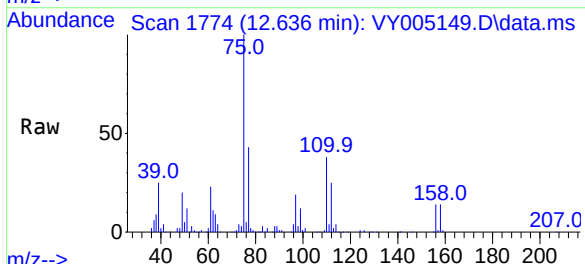
Manual Integrations
APPROVED

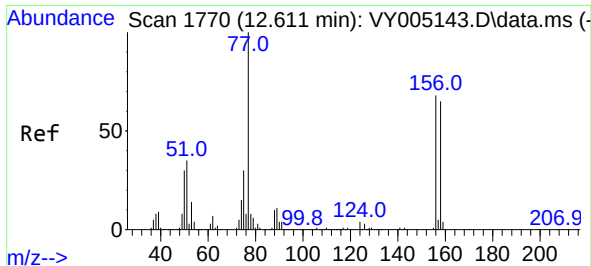
MMDadoda
6/18/2021 2:22:37 PM



#76
1,2,3-Trichloropropane
Concen: 54.484 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

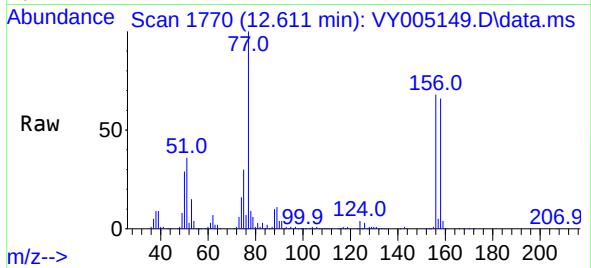
Tgt Ion: 75 Resp: 69043
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 52.122 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

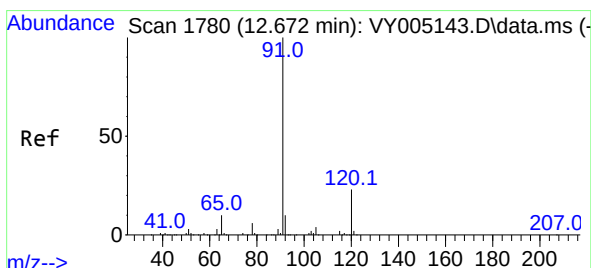
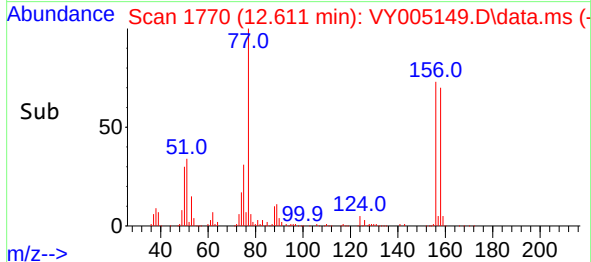
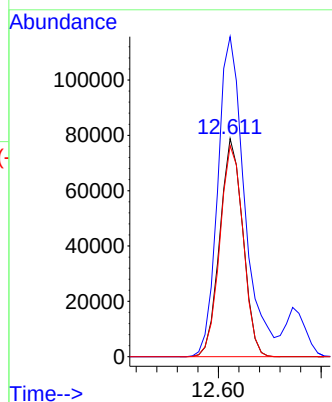
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050



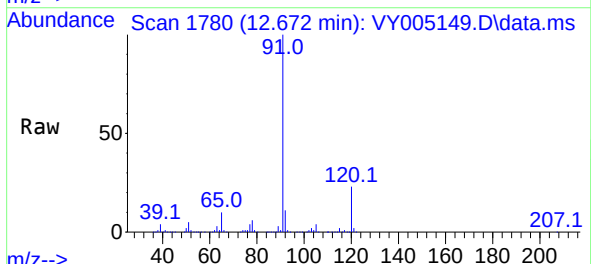
Tgt Ion:156 Resp: 122736
Ion Ratio Lower Upper
156 100
77 169.7 84.3 252.9
158 97.6 48.4 145.3

Manual Integrations
APPROVED

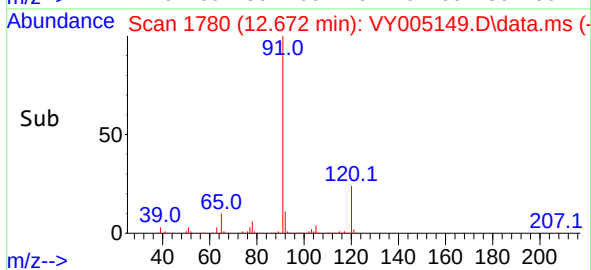
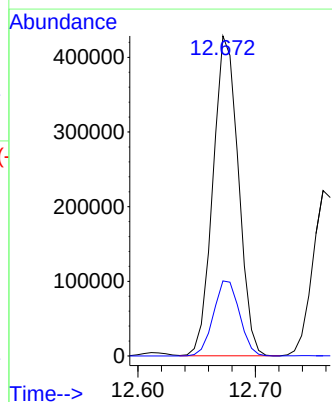
MMDadoda
6/18/2021 2:22:37 PM

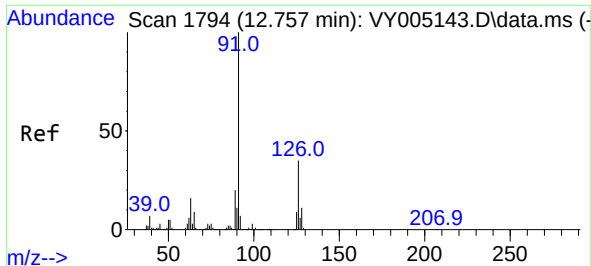


#78
n-propylbenzene
Concen: 54.380 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



Tgt Ion: 91 Resp: 643356
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.9





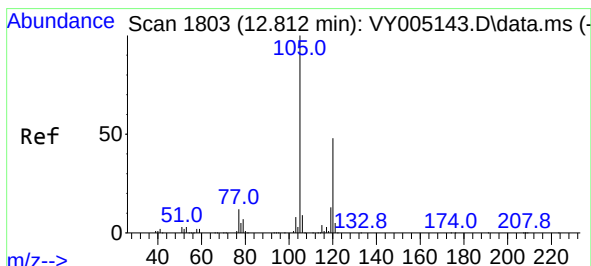
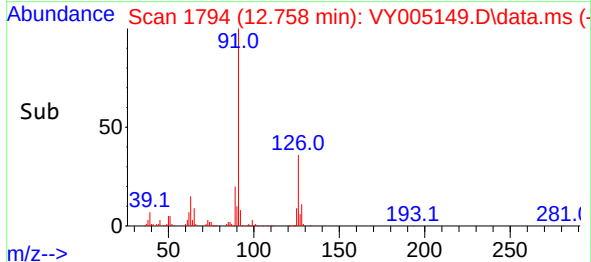
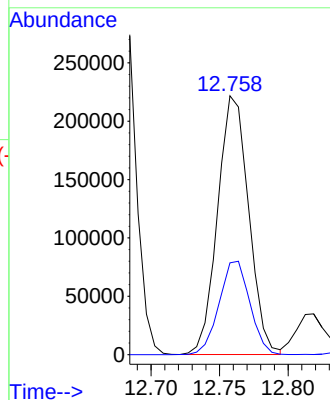
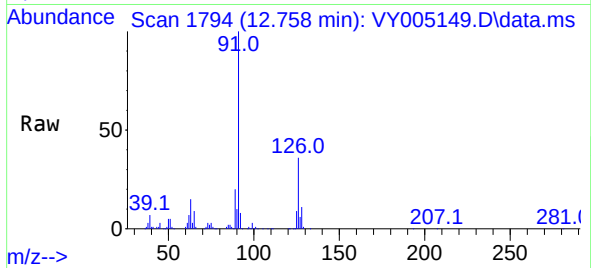
#79
2-Chlorotoluene
Concen: 52.994 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 91 Resp: 350518
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

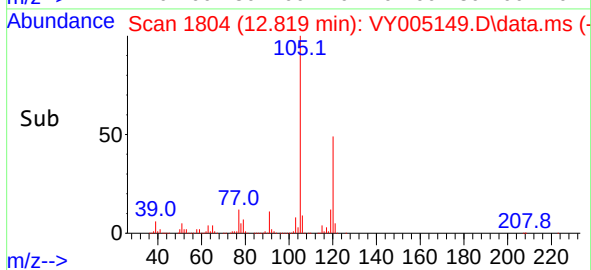
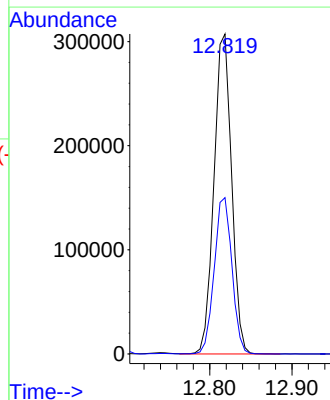
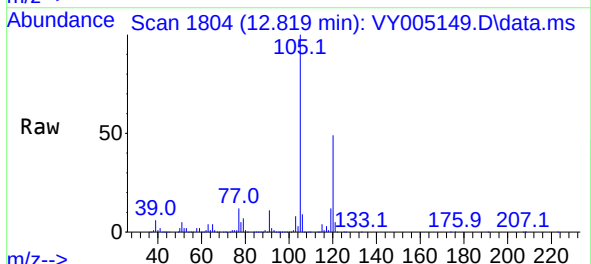
Manual Integrations
APPROVED

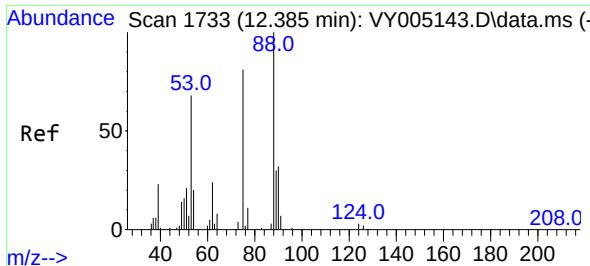
MMDadoda
6/18/2021 2:22:37 PM



#80
1,3,5-Trimethylbenzene
Concen: 54.024 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

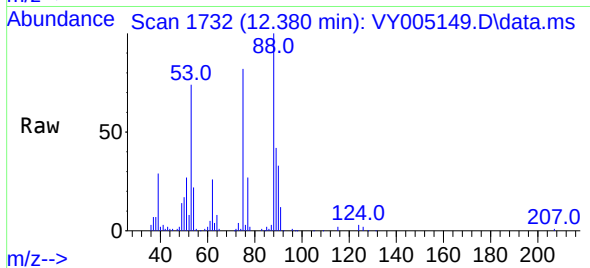
Tgt Ion: 105 Resp: 456649
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 50.977 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

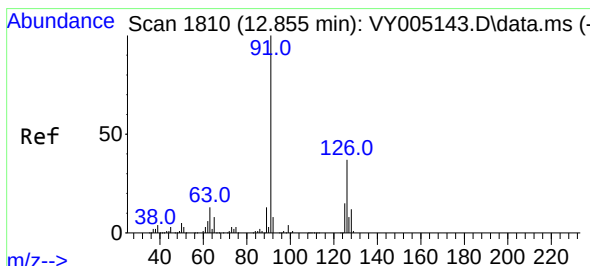
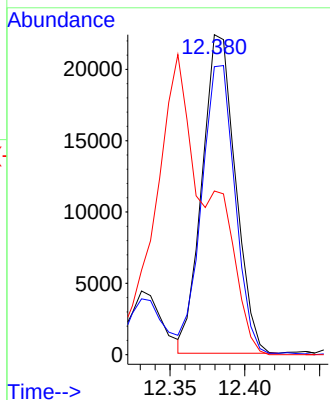
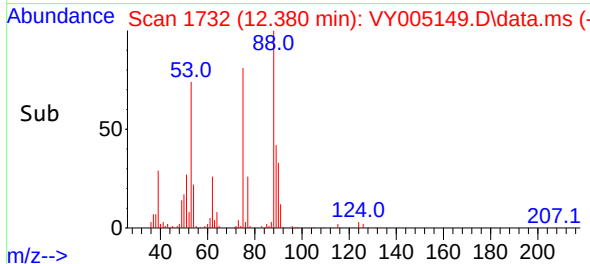
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



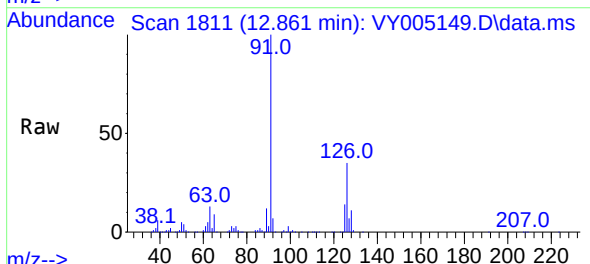
Tgt Ion: 75 Resp: 34627
Ion Ratio Lower Upper
75 100
53 91.2 73.2 109.8
89 0.0 44.1 66.1#

Manual Integrations
APPROVED

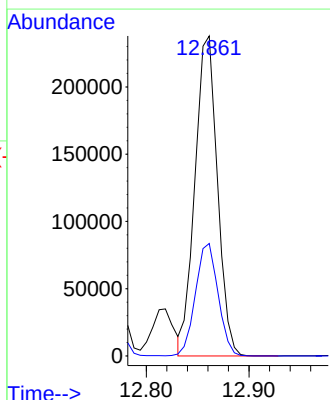
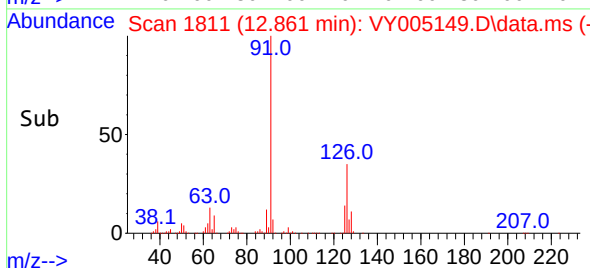
MMDadoda
6/18/2021 2:22:37 PM

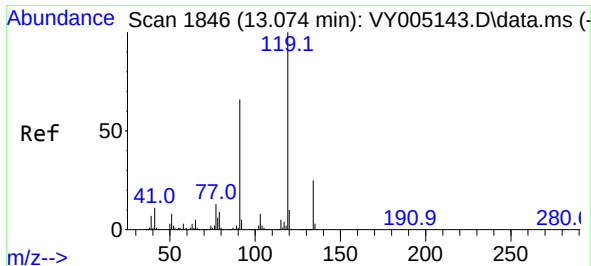


#82
4-Chlorotoluene
Concen: 52.900 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



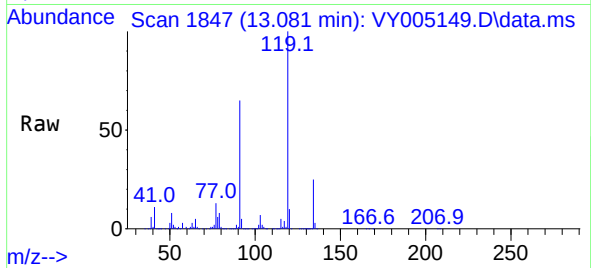
Tgt Ion: 91 Resp: 361723
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.3





#83
tert-Butylbenzene
Concen: 54.021 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

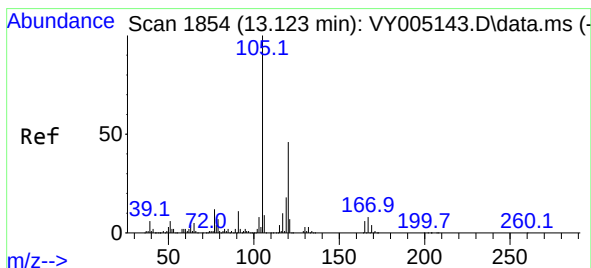
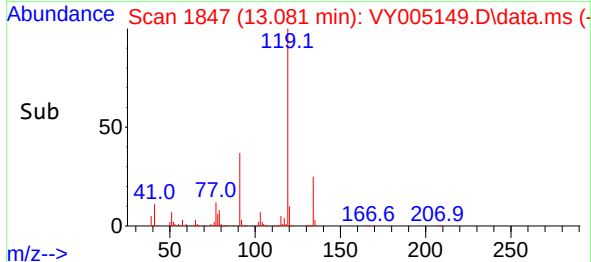
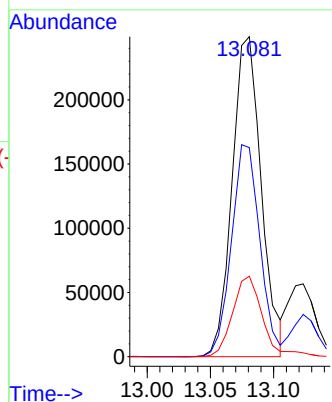
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 399611
Ion Ratio Lower Upper
119 100
91 64.7 32.0 96.2
134 25.8 12.8 38.4

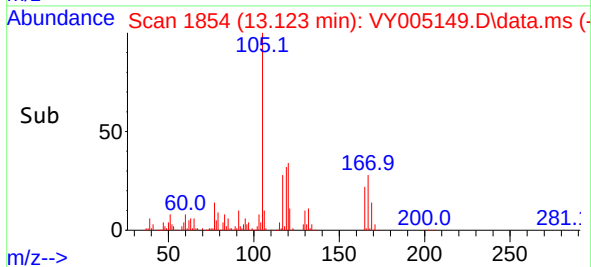
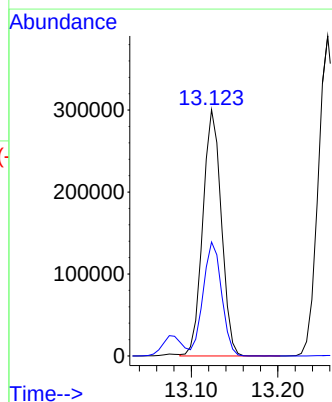
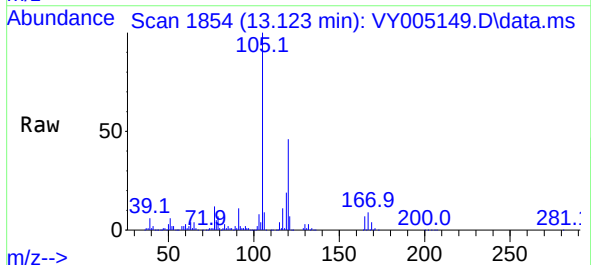
Manual Integrations
APPROVED

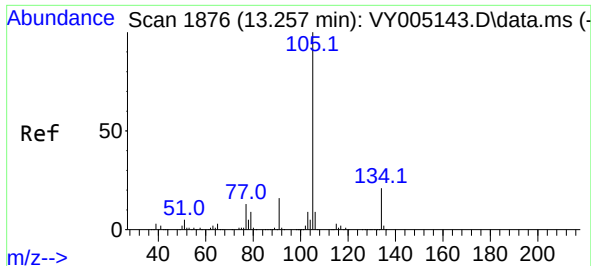
MMDadoda
6/18/2021 2:22:37 PM



#84
1,2,4-Trimethylbenzene
Concen: 53.431 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

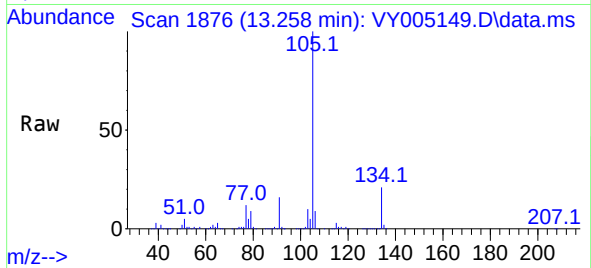
Tgt Ion:105 Resp: 446186
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.0





#85
sec-Butylbenzene
Concen: 54.735 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

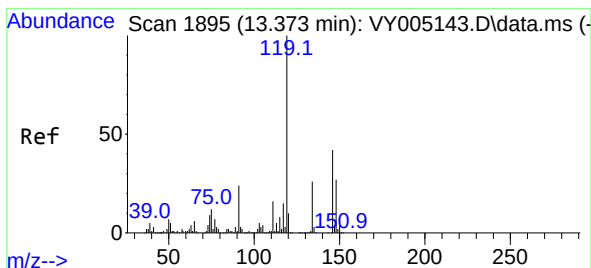
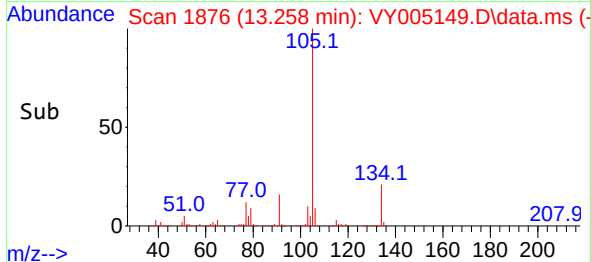
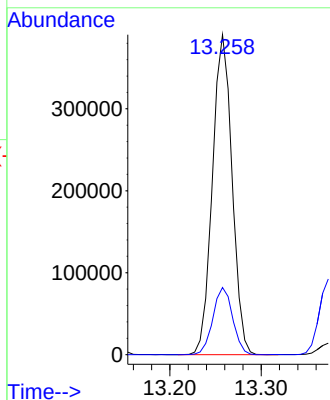
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



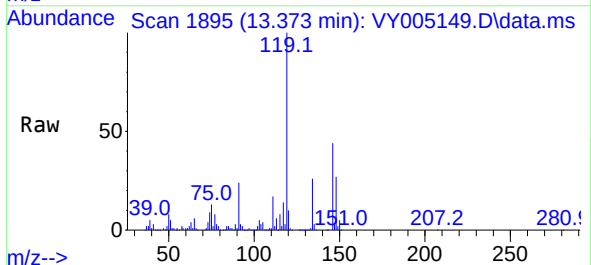
Tgt Ion:105 Resp: 583244
Ion Ratio Lower Upper
105 100
134 21.1 10.7 32.1

Manual Integrations
APPROVED

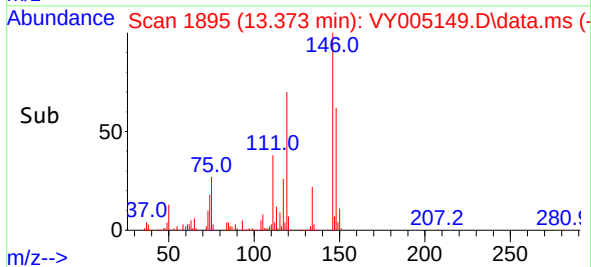
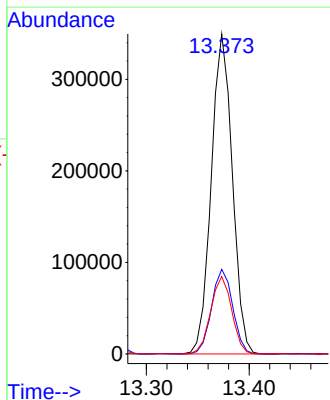
MMDadoda
6/18/2021 2:22:37 PM

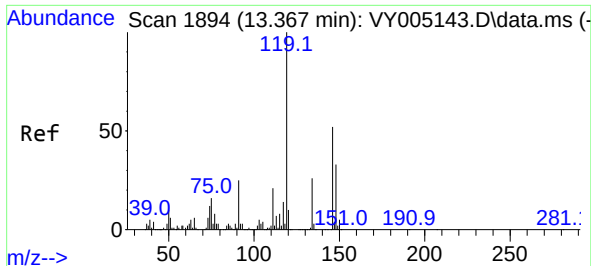


#86
p-Isopropyltoluene
Concen: 54.337 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



Tgt Ion:119 Resp: 496800
Ion Ratio Lower Upper
119 100
134 26.5 13.2 39.5
91 24.1 11.9 35.9





#87

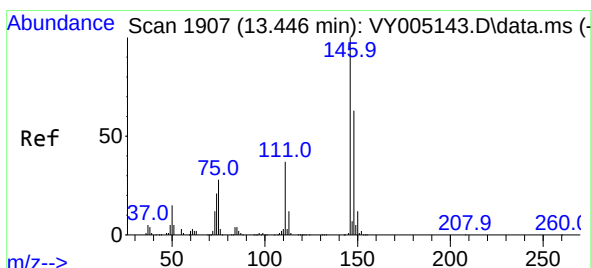
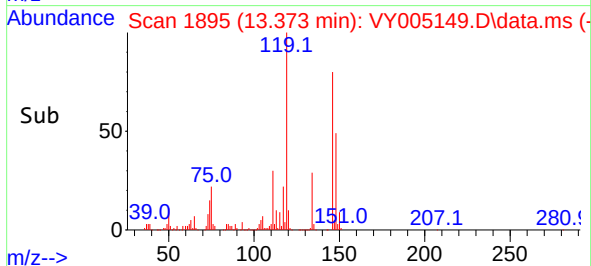
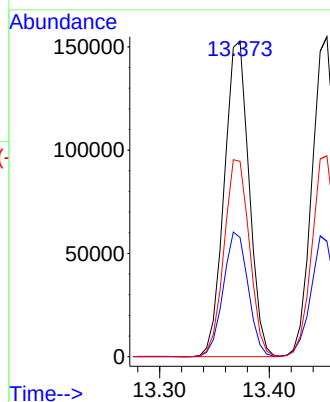
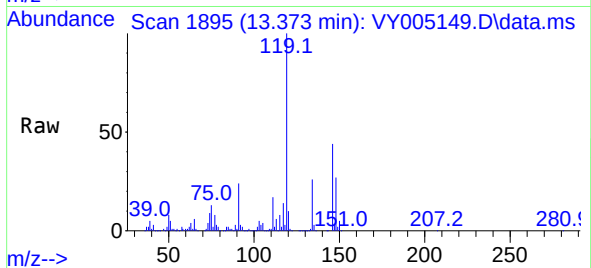
1,3-Dichlorobenzene
Concen: 52.332 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion:146 Resp: 240578
Ion Ratio Lower Upper
146 100
111 39.5 19.5 58.5
148 63.9 32.0 96.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

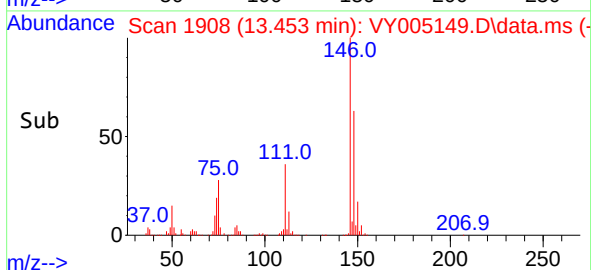
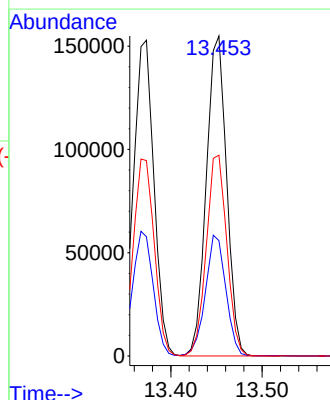
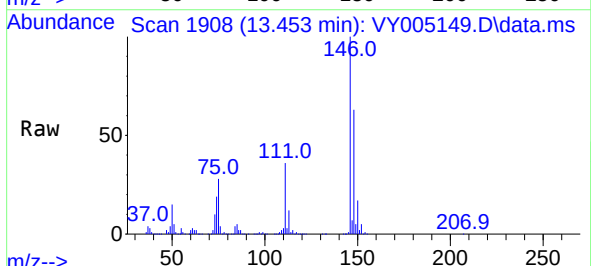
MMDadoda
6/18/2021 2:22:37 PM

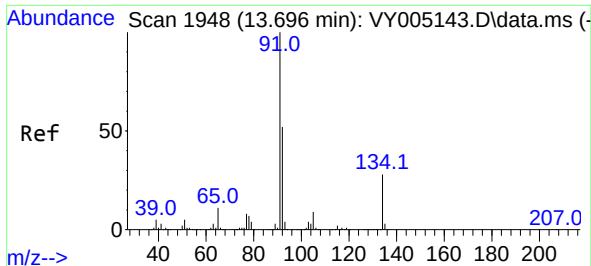


#88

1,4-Dichlorobenzene
Concen: 52.011 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

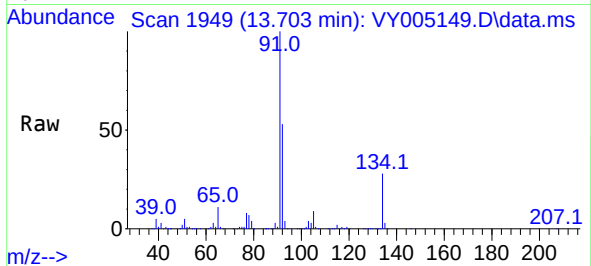
Tgt Ion:146 Resp: 239048
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.9
148 63.6 32.0 96.0





#89
n-Butylbenzene
Concen: 54.775 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

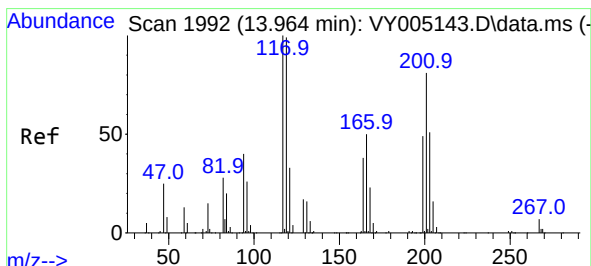
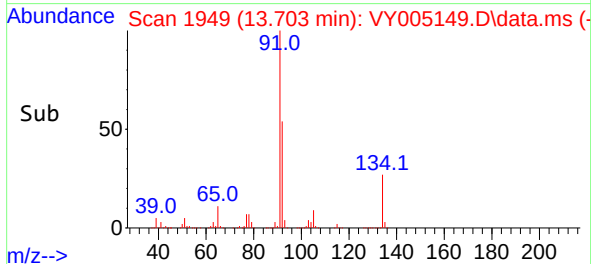
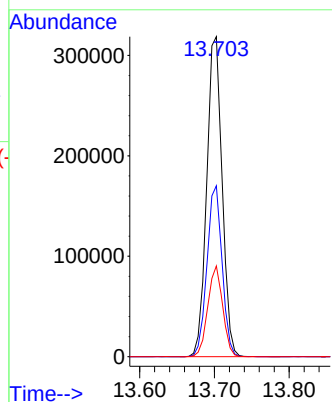
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 455831
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 27.4 14.0 41.9

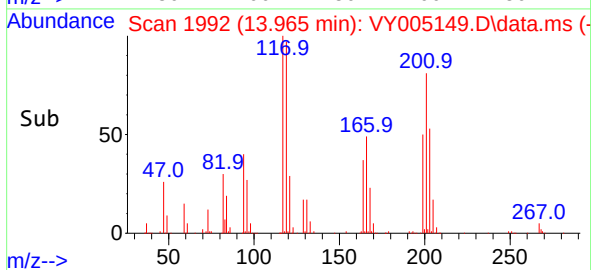
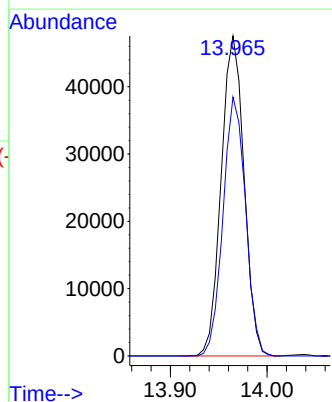
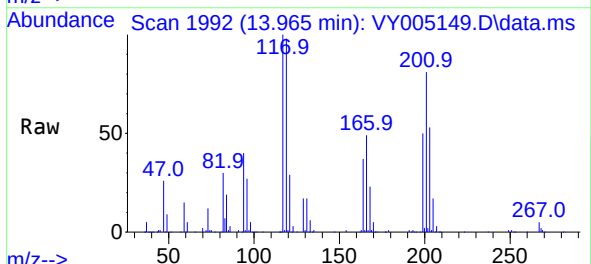
Manual Integrations
APPROVED

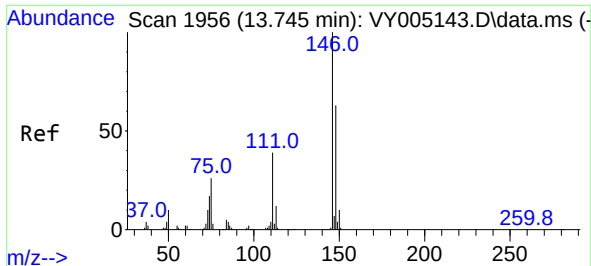
MMDadoda
6/18/2021 2:22:37 PM



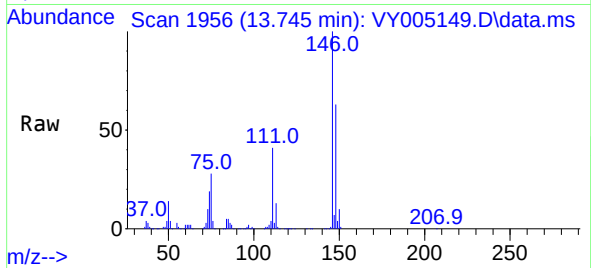
#90
Hexachloroethane
Concen: 52.225 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion: 117 Resp: 77828
Ion Ratio Lower Upper
117 100
201 79.7 40.4 121.2

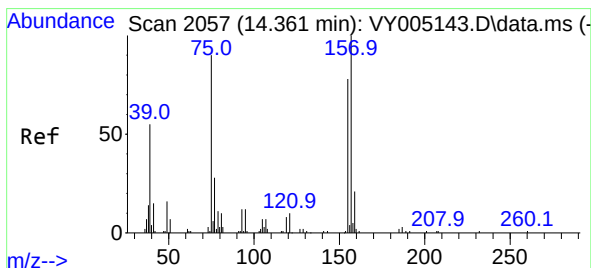
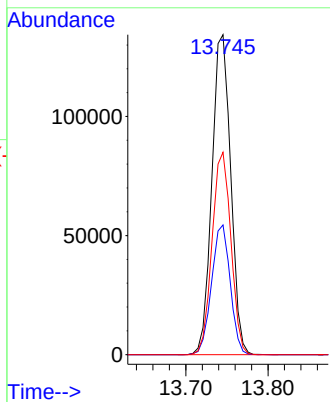
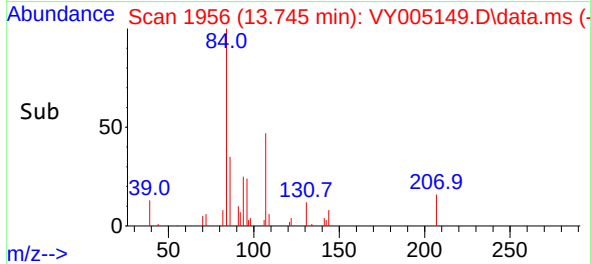




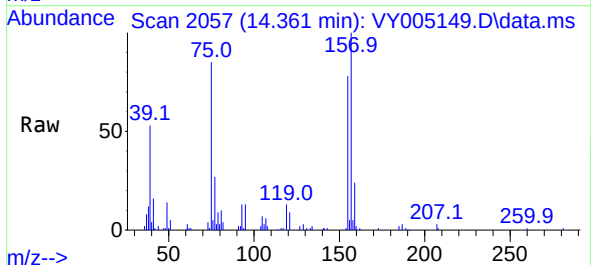
#91
1,2-Dichlorobenzene
Concen: 51.611 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



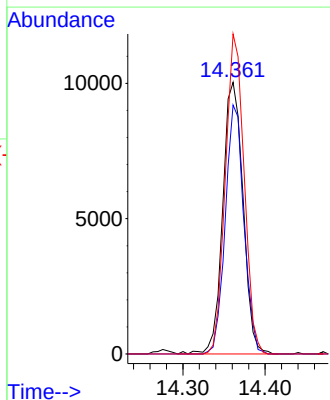
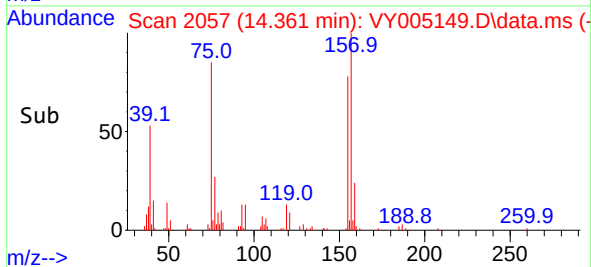
Tgt Ion: 146 Resp: 213384
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 63.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.279 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



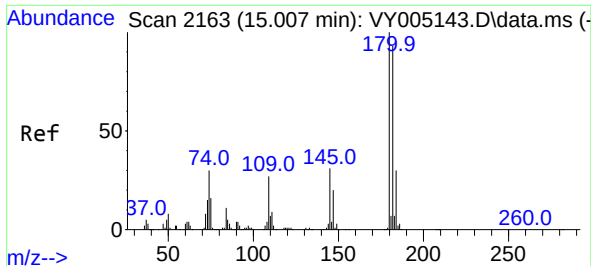
Tgt Ion: 75 Resp: 17216
Ion Ratio Lower Upper
75 100
155 84.0 43.4 130.2
157 109.1 54.7 164.1



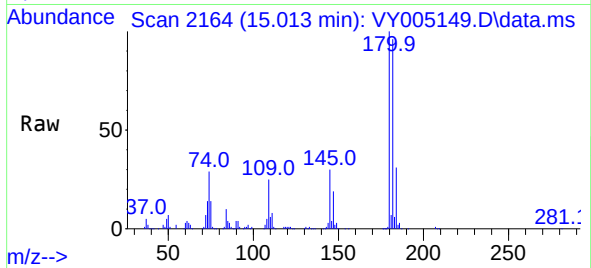
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/18/2021 2:22:37 PM



#93
1,2,4-Trichlorobenzene
Concen: 52.750 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

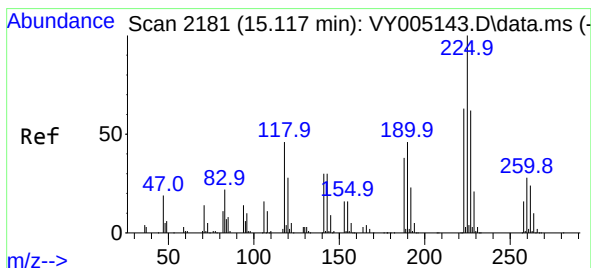
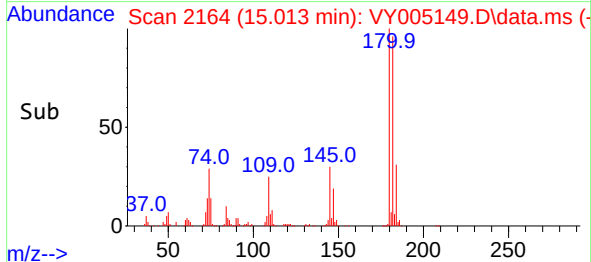
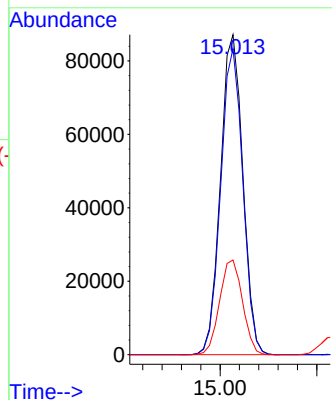


Tgt Ion:180 Resp: 139968
Ion Ratio Lower Upper
180 100
182 94.2 47.3 141.8
145 30.3 15.6 46.8

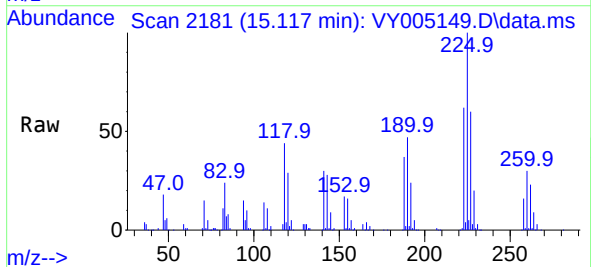
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

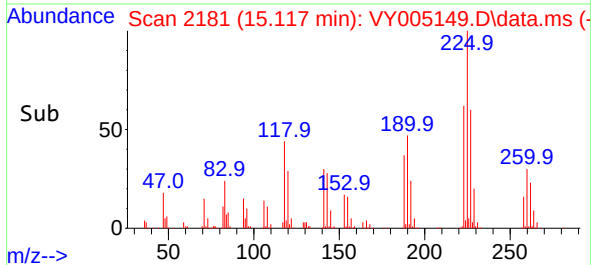
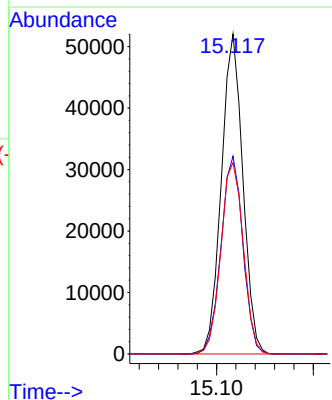
MMDadoda
6/18/2021 2:22:37 PM

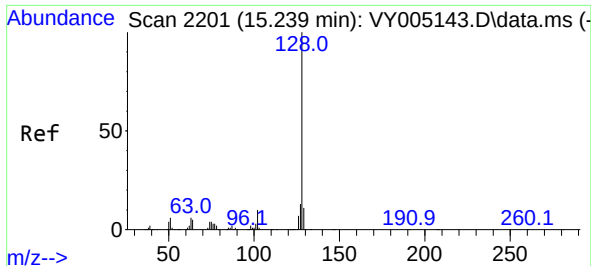


#94
Hexachlorobutadiene
Concen: 52.253 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55



Tgt Ion:225 Resp: 80120
Ion Ratio Lower Upper
225 100
223 63.0 31.4 94.2
227 62.4 31.6 95.0





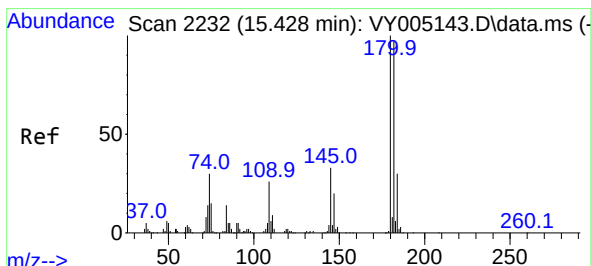
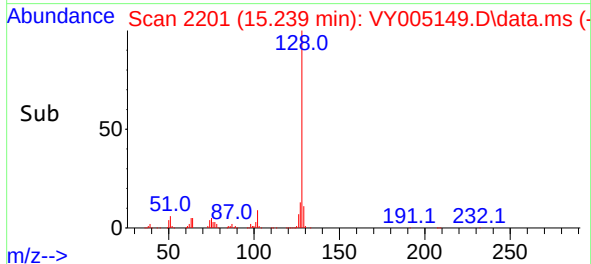
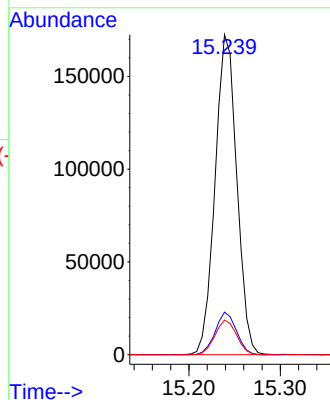
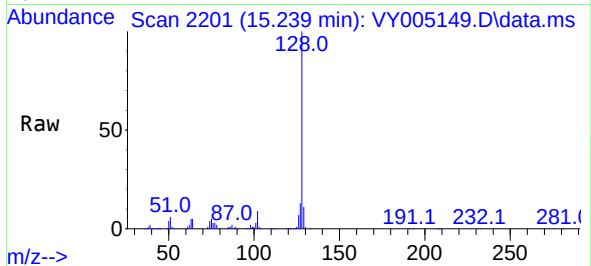
#95
Naphthalene
Concen: 50.948 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion:128 Resp: 284588
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.9 13.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/18/2021 2:22:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.975 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY005149.D
Acq: 17 Jun 2021 11:55

Tgt Ion:180 Resp: 121158
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.3
145 32.4 16.4 49.2

