

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005784.D
 Acq On : 20 Aug 2021 11:16
 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

SAM
 8/23/2021 11:05:21 AM

Quant Time: Aug 23 01:04:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	211550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	282153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	108470	50.653	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.300%			
35) Dibromofluoromethane	7.722	113	87241	51.313	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.620%			
50) Toluene-d8	10.179	98	351103	49.240	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.480%			
62) 4-Bromofluorobenzene	12.483	95	122693	51.961	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	74590	42.929	ug/l	99
3) Chloromethane	2.119	50	88945	42.854	ug/l	99
4) Vinyl Chloride	2.259	62	118239	47.562	ug/l	100
5) Bromomethane	2.655	94	79749	48.736	ug/l	100
6) Chloroethane	2.802	64	77350	51.546	ug/l	98
7) Trichlorofluoromethane	3.131	101	158804	47.710	ug/l	99
8) Diethyl Ether	3.533	74	57138	49.150	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	90486	50.118	ug/l	98
10) Methyl Iodide	4.100	142	102057	45.373	ug/l	99
11) Tert butyl alcohol	4.960	59	52445	247.740	ug/l	99
12) 1,1-Dichloroethene	3.881	96	86401	47.391	ug/l	94
13) Acrolein	3.735	56	25852	202.406	ug/l	98
14) Allyl chloride	4.491	41	157809	49.420	ug/l	100
15) Acrylonitrile	5.173	53	154787	259.802	ug/l	100
16) Acetone	3.954	43	149949	277.734	ug/l	100
17) Carbon Disulfide	4.198	76	240729	42.834	ug/l	99
18) Methyl Acetate	4.484	43	71128	50.372	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	287061	50.826	ug/l	100
20) Methylene Chloride	4.722	84	110911	52.080	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	97345	47.758	ug/l	99
22) Diisopropyl ether	6.124	45	339698	51.566	ug/l	97
23) Vinyl Acetate	6.069	43	1143885	260.921	ug/l	100
24) 1,1-Dichloroethane	6.021	63	185175	50.722	ug/l	99
25) 2-Butanone	6.996	43	215846	270.456	ug/l	99
26) 2,2-Dichloropropane	6.990	77	171453	51.402	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	116465	50.238	ug/l	98
28) Bromochloromethane	7.338	49	72862	50.004	ug/l	97
29) Tetrahydrofuran	7.350	42	136094	257.820	ug/l	99
30) Chloroform	7.514	83	191899	51.500	ug/l	98
31) Cyclohexane	7.789	56	165172	44.968	ug/l	100
32) 1,1,1-Trichloroethane	7.709	97	176027	51.390	ug/l	100
36) 1,1-Dichloropropene	7.923	75	144144	50.608	ug/l	98
37) Ethyl Acetate	7.082	43	89402	51.812	ug/l	100
38) Carbon Tetrachloride	7.905	117	159829	51.631	ug/l	99
39) Methylcyclohexane	9.185	83	176196	48.624	ug/l	98
40) Benzene	8.167	78	413515	50.699	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005784.D
 Acq On : 20 Aug 2021 11:16
 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

SAM
 8/23/2021 11:05:21 AM

Quant Time: Aug 23 01:04:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	46709m	49.891	ug/l	
42) 1,2-Dichloroethane	8.240	62	138723	52.434	ug/l	99
43) Isopropyl Acetate	8.276	43	174108	53.296	ug/l	99
44) Trichloroethene	8.941	130	113477	50.976	ug/l	97
45) 1,2-Dichloropropane	9.221	63	106362	52.125	ug/l	98
46) Dibromomethane	9.313	93	59197	52.467	ug/l	99
47) Bromodichloromethane	9.502	83	149993	53.119	ug/l	98
48) Methyl methacrylate	9.295	41	79502	53.850	ug/l	97
49) 1,4-Dioxane	9.295	88	16663	1062.663	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	477144	277.346	ug/l	100
52) Toluene	10.246	92	264810	50.918	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	165219	52.356	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	179439	52.395	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	87771	53.765	ug/l	97
56) Ethyl methacrylate	10.514	69	131214	53.679	ug/l	98
57) 1,3-Dichloropropane	10.794	76	153874	53.452	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	350617	300.186	ug/l	100
59) 2-Hexanone	10.837	43	345569	284.194	ug/l	100
60) Dibromochloromethane	10.983	129	107592	53.256	ug/l	99
61) 1,2-Dibromoethane	11.093	107	81580	52.755	ug/l	99
64) Tetrachloroethene	10.721	164	112715	52.482	ug/l	97
65) Chlorobenzene	11.520	112	291646	51.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	112727	52.750	ug/l	99
67) Ethyl Benzene	11.593	91	529321	51.412	ug/l	99
68) m/p-Xylenes	11.703	106	412255	103.092	ug/l	100
69) o-Xylene	12.032	106	197638	51.422	ug/l	98
70) Styrene	12.044	104	342897	53.002	ug/l	99
71) Bromoform	12.209	173	74177	53.525	ug/l #	99
73) Isopropylbenzene	12.331	105	523927	49.355	ug/l	100
74) N-amyl acetate	12.142	43	164345	51.430	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	102293	50.101	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	85849m	54.474	ug/l	
77) Bromobenzene	12.611	156	129857	49.791	ug/l	98
78) n-propylbenzene	12.672	91	633562	50.251	ug/l	100
79) 2-Chlorotoluene	12.757	91	353169	49.885	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	439806	49.923	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	40232	51.462	ug/l	97
82) 4-Chlorotoluene	12.855	91	367718	50.199	ug/l	99
83) tert-Butylbenzene	13.074	119	390716	49.426	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	439188	50.524	ug/l	99
85) sec-Butylbenzene	13.251	105	577184	50.621	ug/l	99
86) p-Isopropyltoluene	13.367	119	498602	50.934	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	258372	50.771	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	252625	50.041	ug/l	99
89) n-Butylbenzene	13.696	91	455377	51.347	ug/l	99
90) Hexachloroethane	13.958	117	90514	51.428	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	230403	51.257	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19533	50.466	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	160602	52.012	ug/l	99
94) Hexachlorobutadiene	15.111	225	101734	50.885	ug/l	100
95) Naphthalene	15.239	128	318479	52.323	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	143558	52.478	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
Data File : VY005784.D
Acq On : 20 Aug 2021 11:16
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

SAM
8/23/2021 11:05:21 AM

Quant Time: Aug 23 01:04:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

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

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

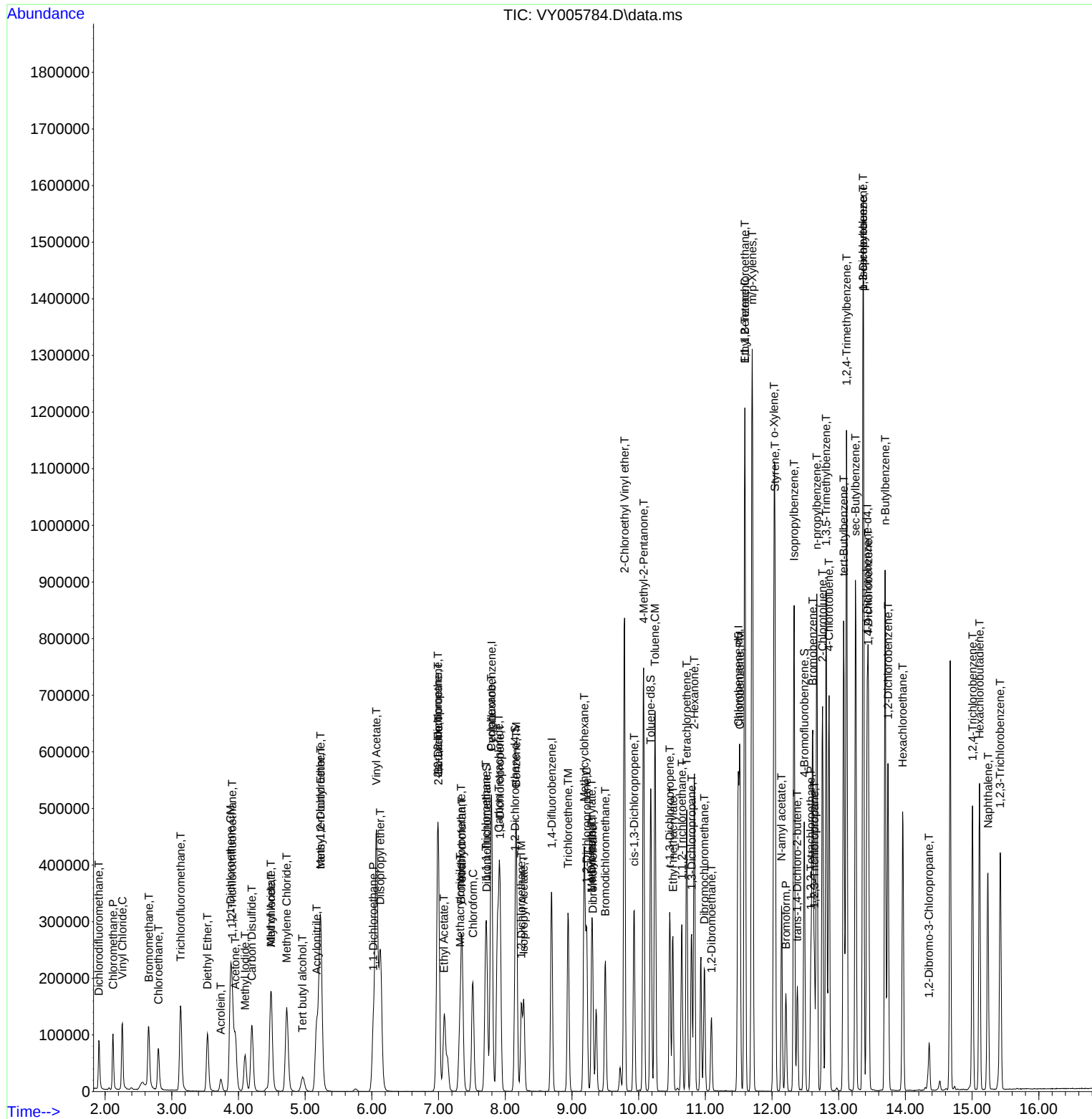
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
Data File : VY005784.D
Acq On : 20 Aug 2021 11:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

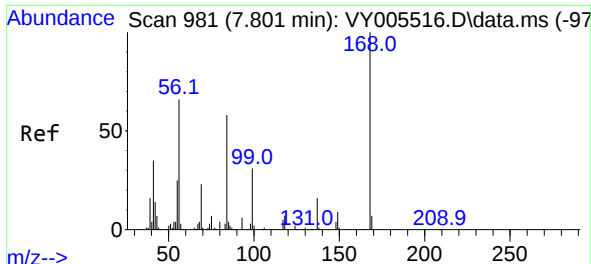
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

SAM
8/23/2021 11:05:21 AM

Quant Time: Aug 23 01:04:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration





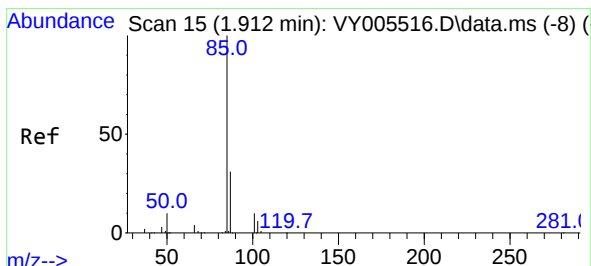
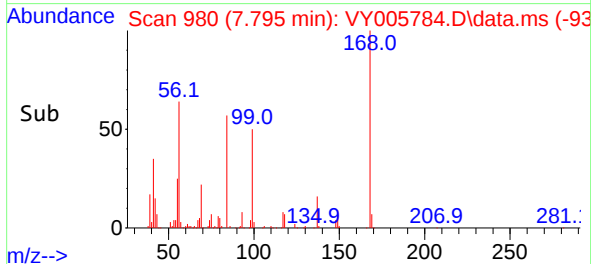
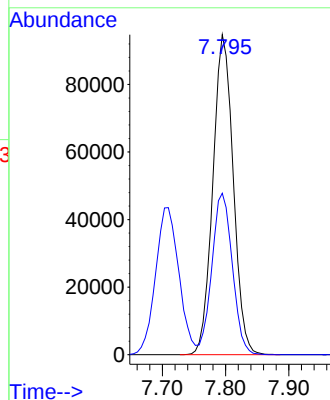
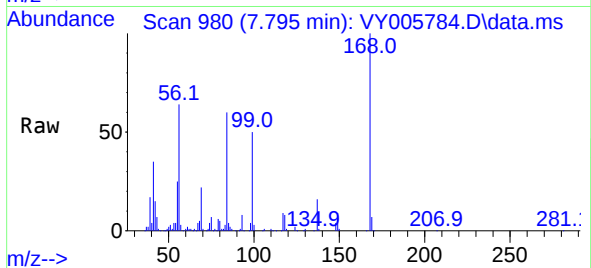
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:168 Resp: 211550
Ion Ratio Lower Upper
168 100
99 50.5 38.9 58.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

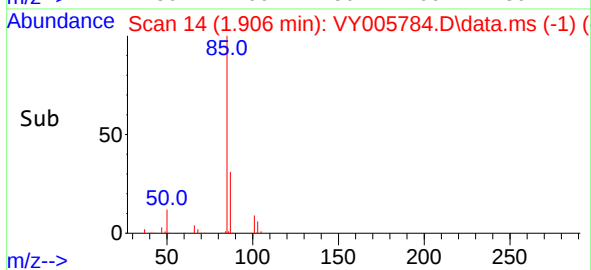
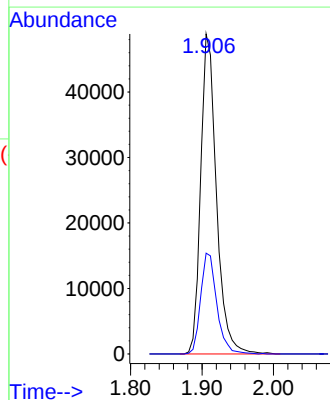
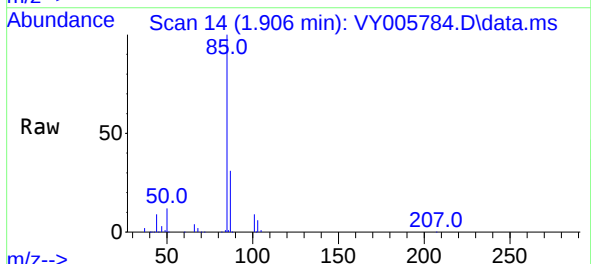
Manual Integrations
APPROVED

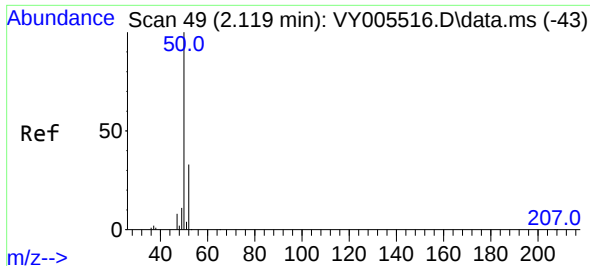
SAM
8/23/2021 11:05:21 AM



#2
Dichlorodifluoromethane
Concen: 42.929 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

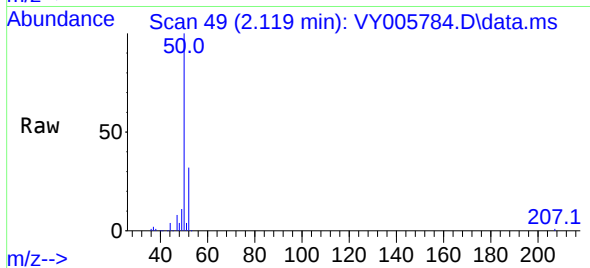
Tgt Ion: 85 Resp: 74590
Ion Ratio Lower Upper
85 100
87 31.5 15.4 46.2



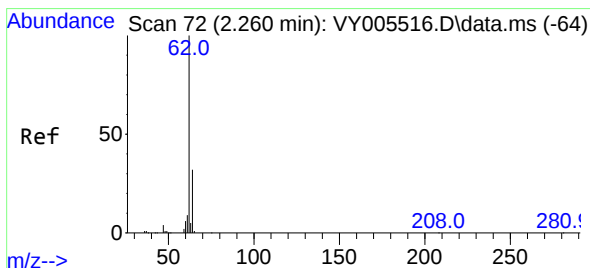
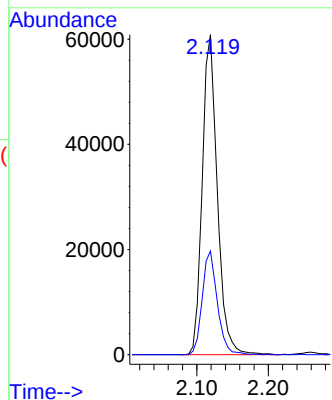
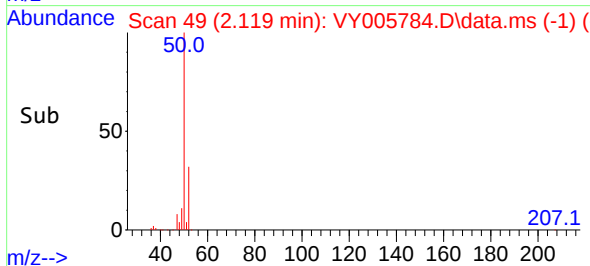


#3
Chloromethane
Concen: 42.854 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

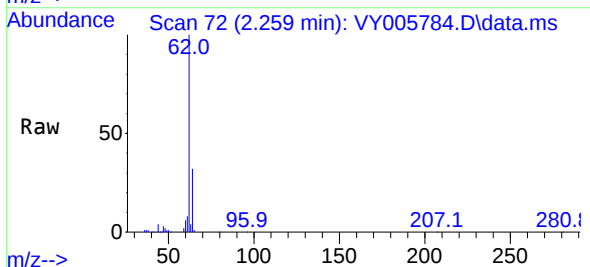
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



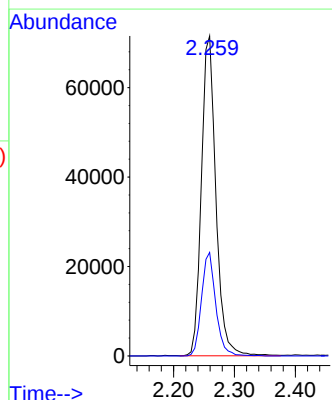
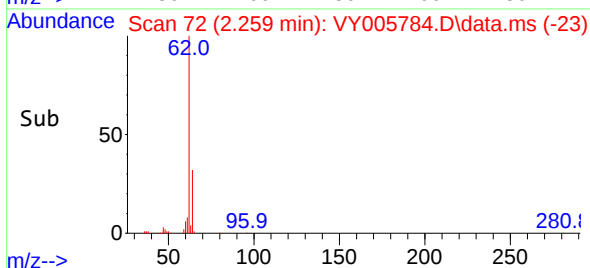
Tgt Ion: 50 Resp: 88945
Ion Ratio Lower Upper
50 100
52 32.4 26.4 39.6

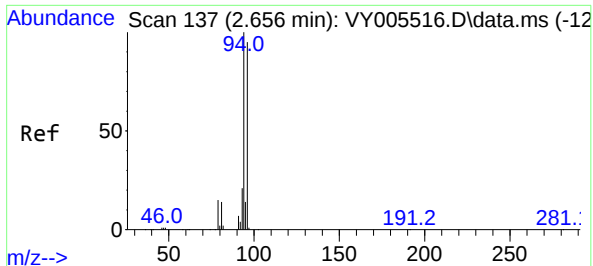


#4
Vinyl Chloride
Concen: 47.562 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



Tgt Ion: 62 Resp: 118239
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





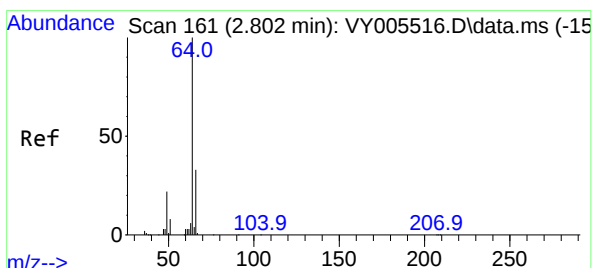
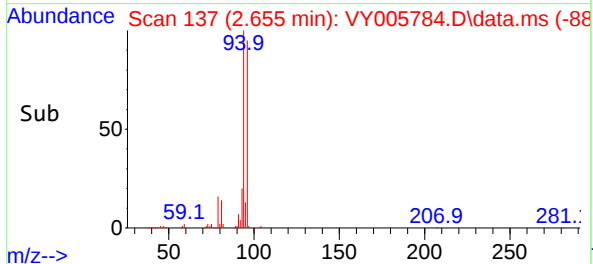
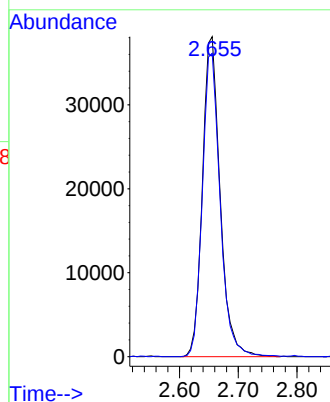
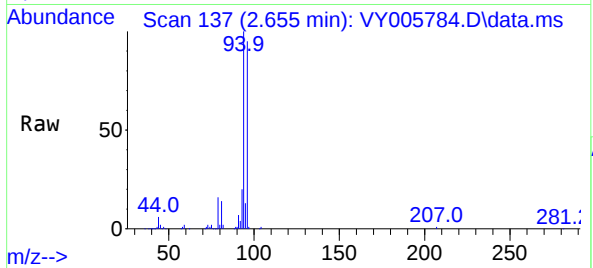
#5
Bromomethane
Concen: 48.736 ug/l
RT: 2.655 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 94 Resp: 79749
Ion Ratio Lower Upper
94 100
96 94.8 75.7 113.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

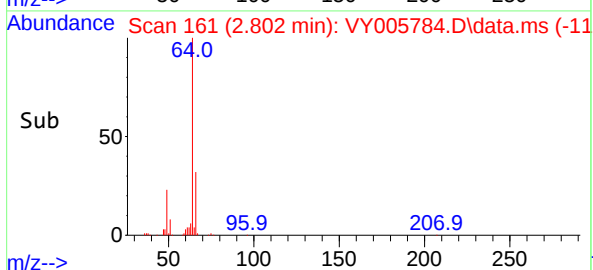
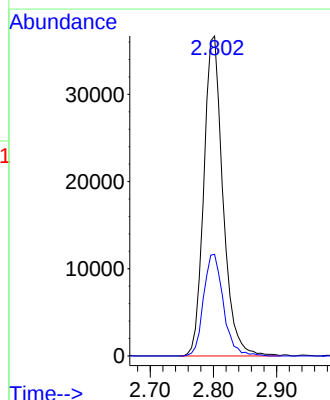
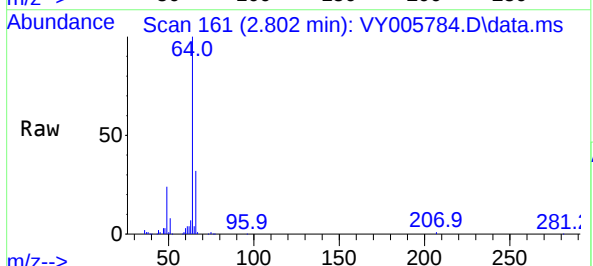
Manual Integrations
APPROVED

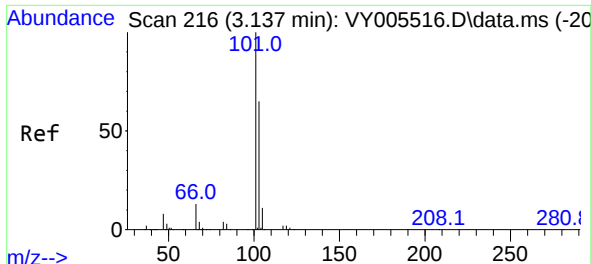
SAM
8/23/2021 11:05:21 AM



#6
Chloroethane
Concen: 51.546 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 64 Resp: 77350
Ion Ratio Lower Upper
64 100
66 31.7 26.1 39.1





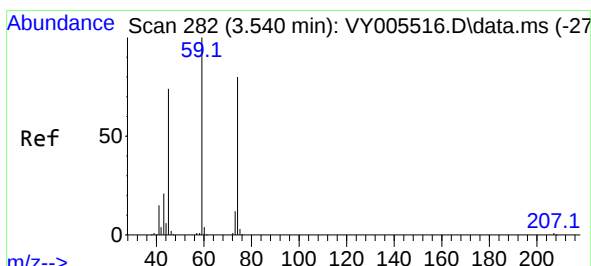
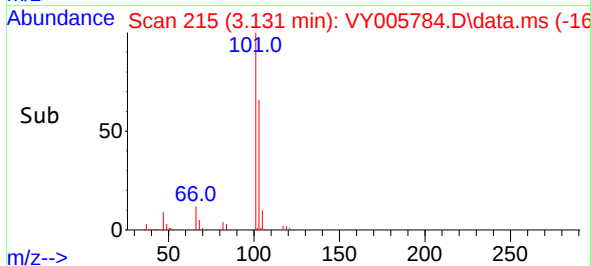
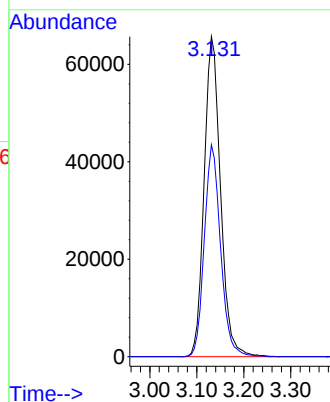
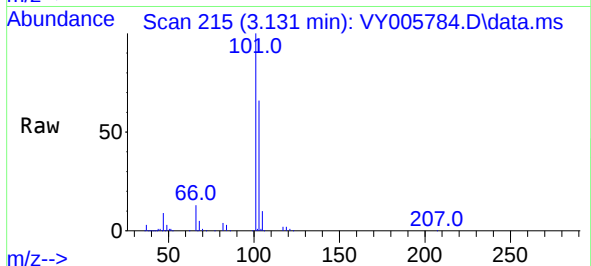
#7
Trichlorofluoromethane
Concen: 47.710 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:101 Resp: 158804
Ion Ratio Lower Upper
101 100
103 66.2 52.2 78.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

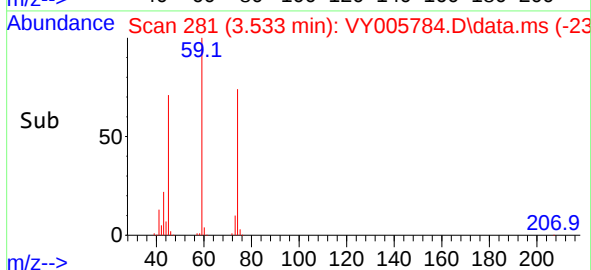
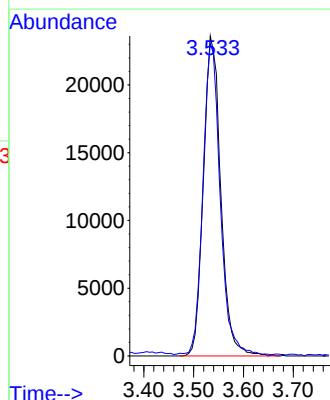
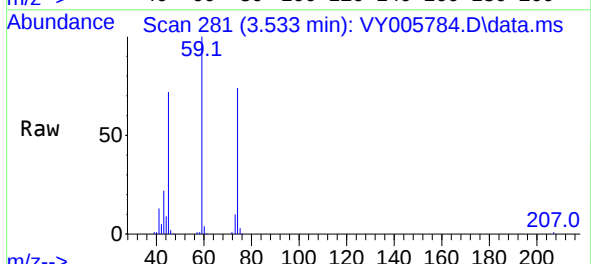
Manual Integrations
APPROVED

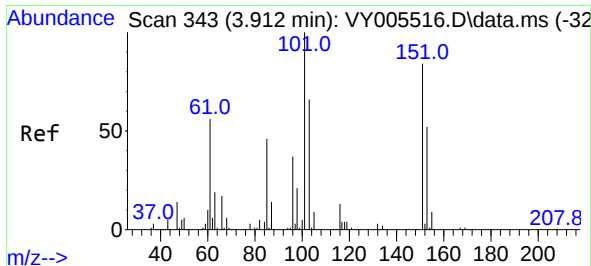
SAM
8/23/2021 11:05:21 AM



#8
Diethyl Ether
Concen: 49.150 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 74 Resp: 57138
Ion Ratio Lower Upper
74 100
45 96.4 47.2 141.6





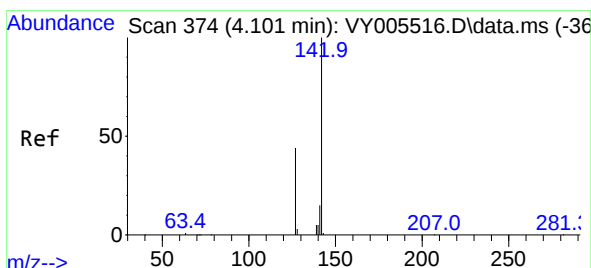
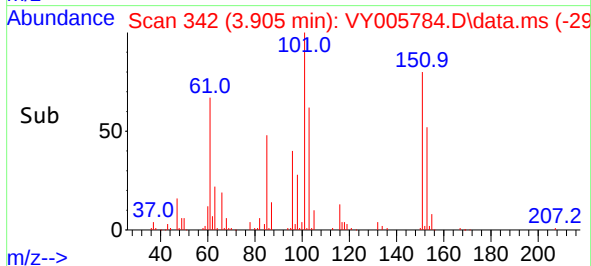
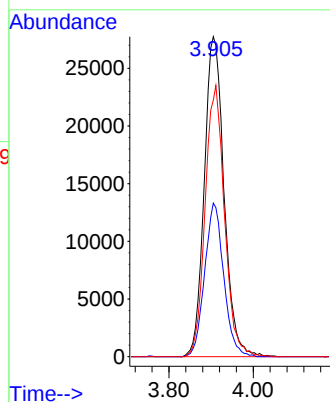
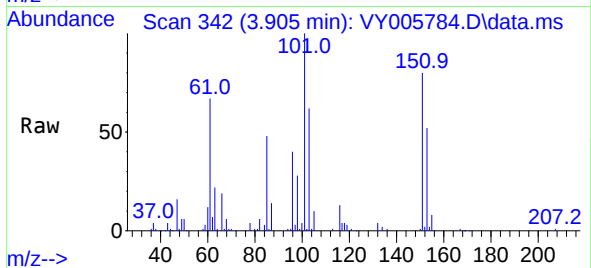
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.118 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 90486
Ion Ratio Lower Upper
101 100
85 46.3 36.3 54.5
151 83.0 67.6 101.4

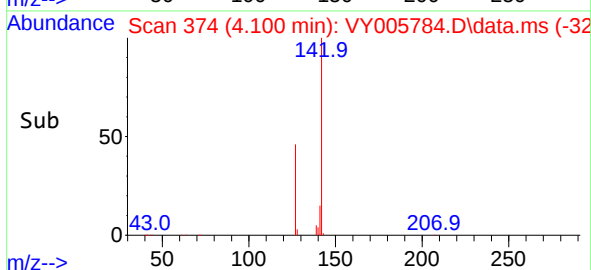
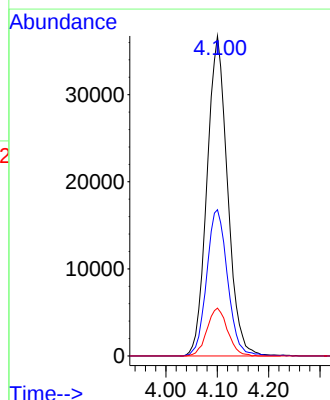
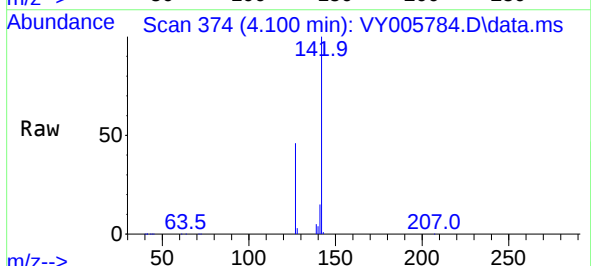
Manual Integrations
APPROVED

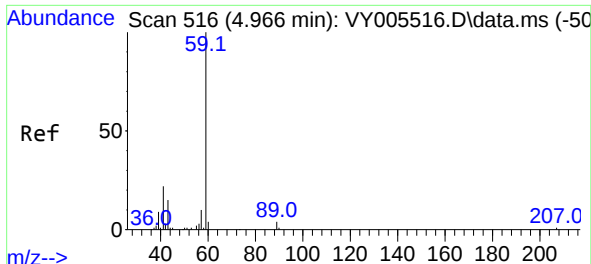
SAM
8/23/2021 11:05:21 AM



#10
Methyl Iodide
Concen: 45.373 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

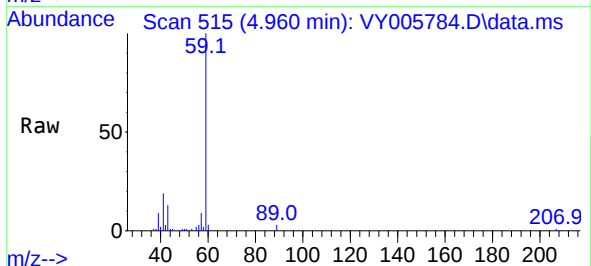
Tgt Ion:142 Resp: 102057
Ion Ratio Lower Upper
142 100
127 46.5 36.6 54.8
141 15.0 12.2 18.4





#11
Tert butyl alcohol
Concen: 247.740 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

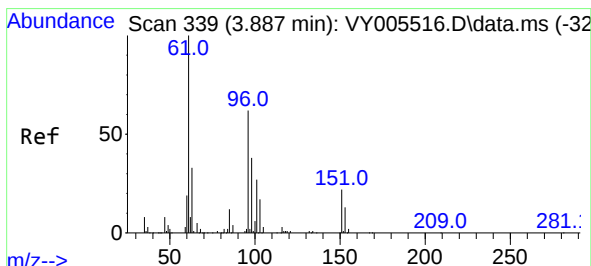
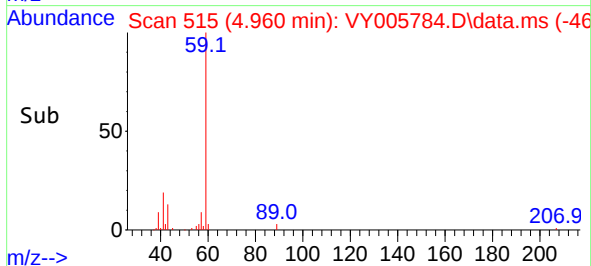
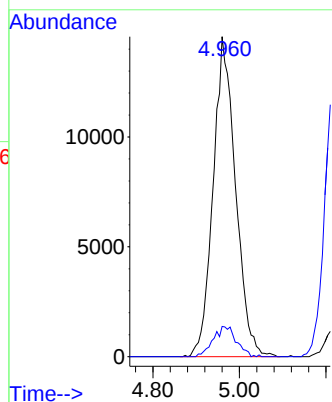
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 52445
Ion Ratio Lower Upper
59 100
57 9.7 8.0 12.0

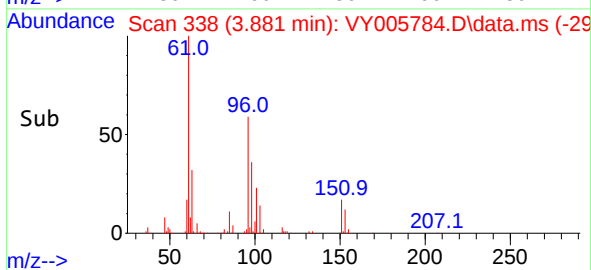
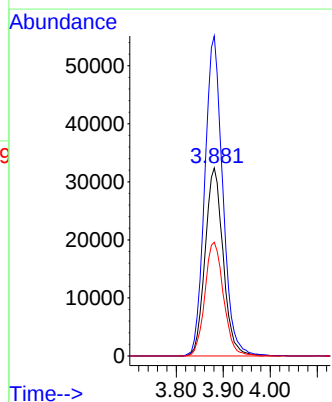
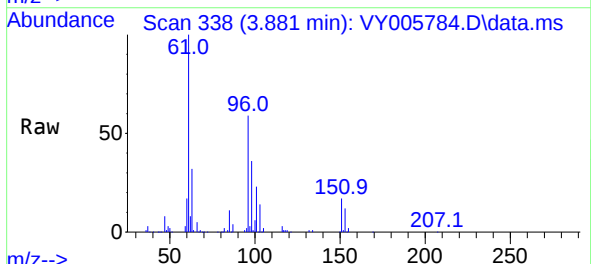
Manual Integrations
APPROVED

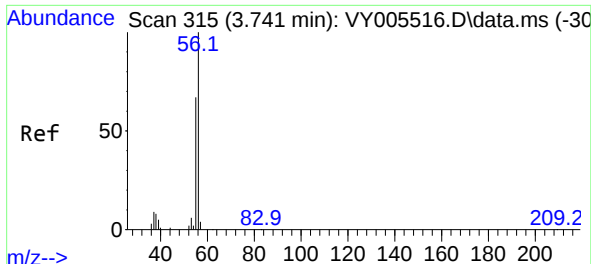
SAM
8/23/2021 11:05:21 AM



#12
1,1-Dichloroethene
Concen: 47.391 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

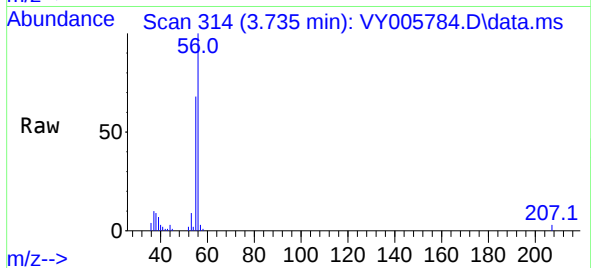
Tgt Ion: 96 Resp: 86401
Ion Ratio Lower Upper
96 100
61 170.2 128.6 192.8
98 60.5 49.2 73.8





#13
Acrolein
Concen: 202.406 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

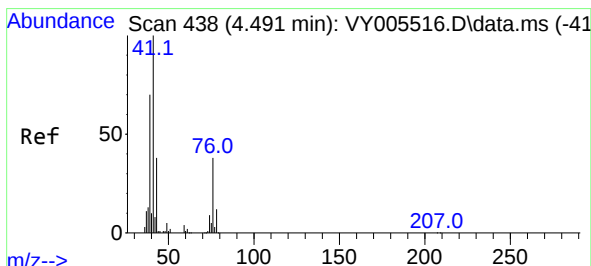
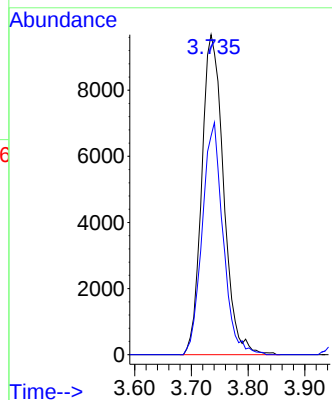
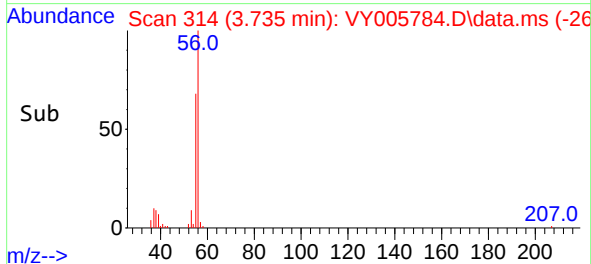
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



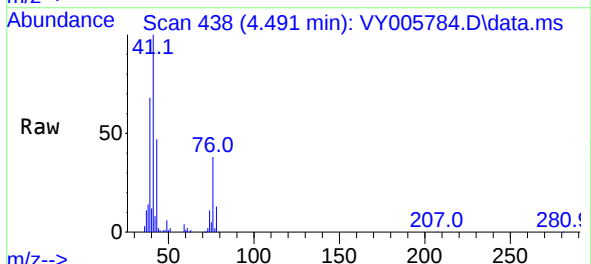
Tgt Ion: 56 Resp: 25852
Ion Ratio Lower Upper
56 100
55 69.3 56.5 84.7

Manual Integrations
APPROVED

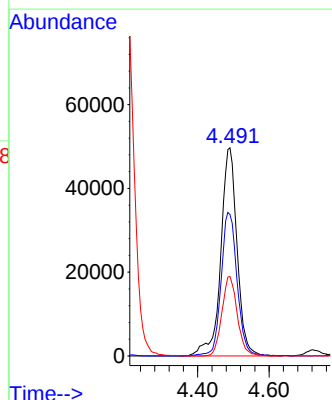
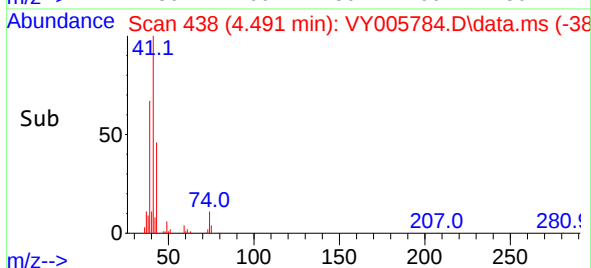
SAM
8/23/2021 11:05:21 AM

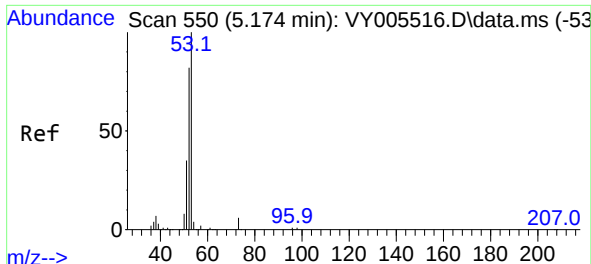


#14
Allyl chloride
Concen: 49.420 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



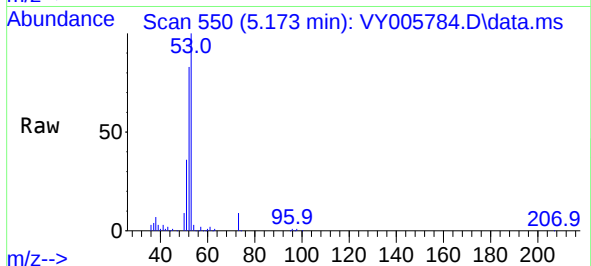
Tgt Ion: 41 Resp: 157809
Ion Ratio Lower Upper
41 100
39 67.4 53.7 80.5
76 35.9 28.7 43.1





#15
Acrylonitrile
Concen: 259.802 ug/l
RT: 5.173 min Scan# 550
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

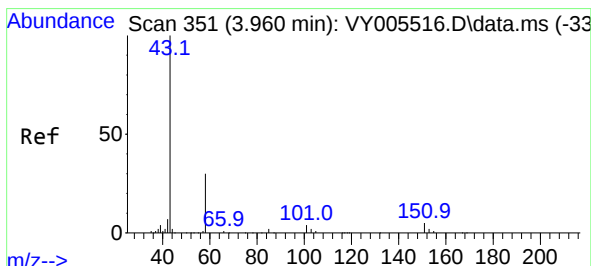
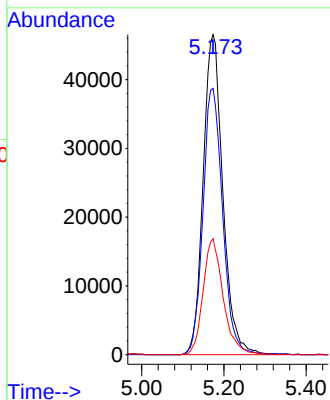
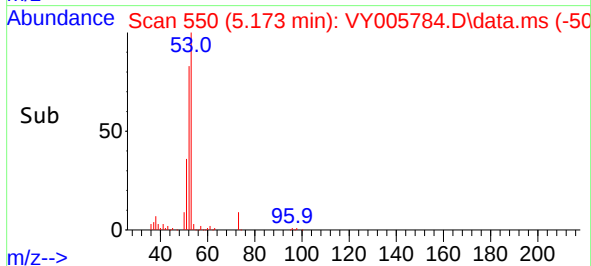
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



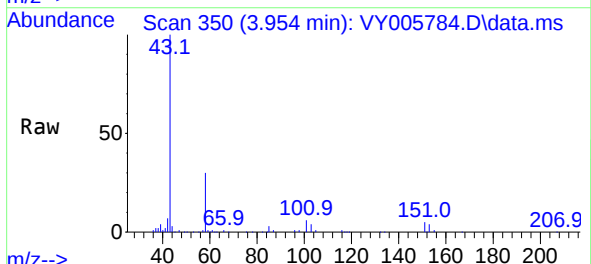
Tgt Ion: 53 Resp: 154787
Ion Ratio Lower Upper
53 100
52 83.2 66.6 99.8
51 37.1 29.9 44.9

Manual Integrations
APPROVED

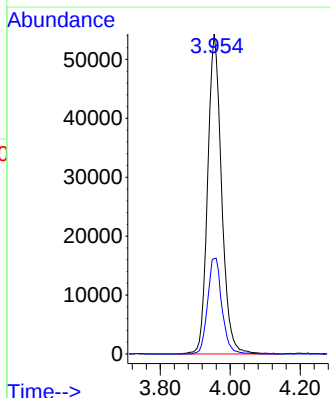
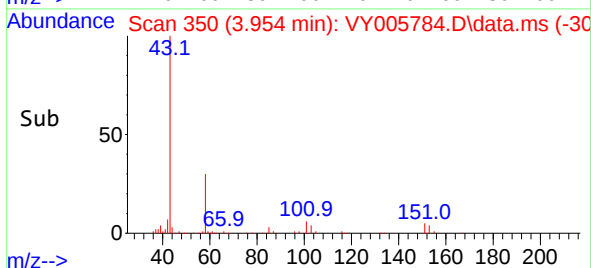
SAM
8/23/2021 11:05:21 AM

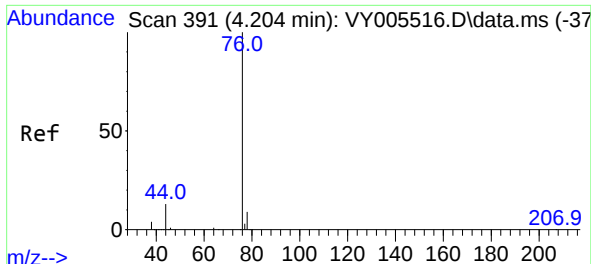


#16
Acetone
Concen: 277.734 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



Tgt Ion: 43 Resp: 149949
Ion Ratio Lower Upper
43 100
58 29.9 23.8 35.6





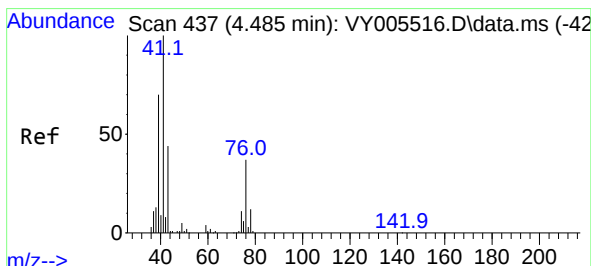
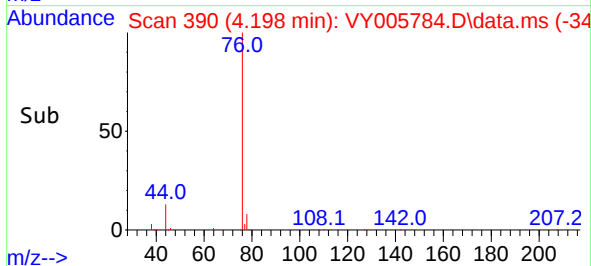
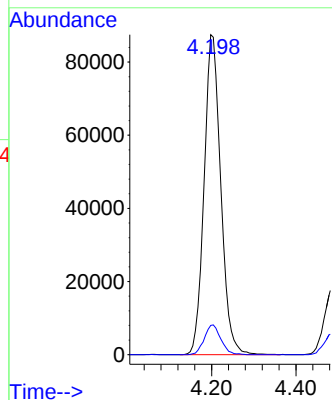
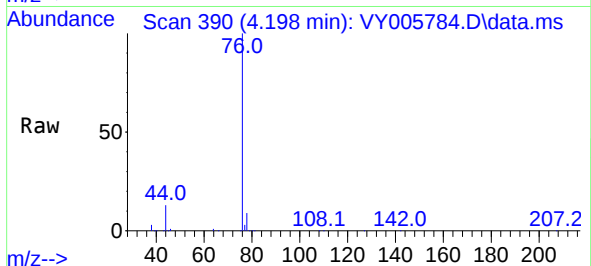
#17
Carbon Disulfide
Concen: 42.834 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 76 Resp: 240729
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

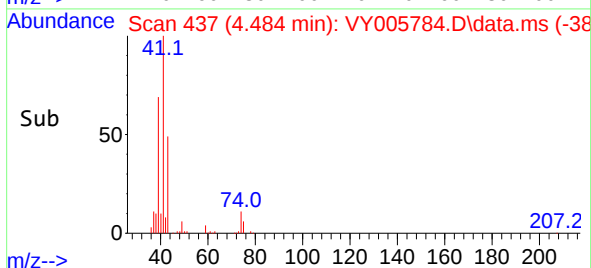
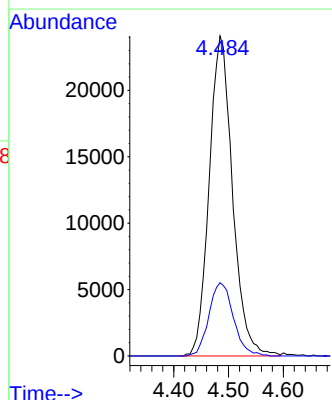
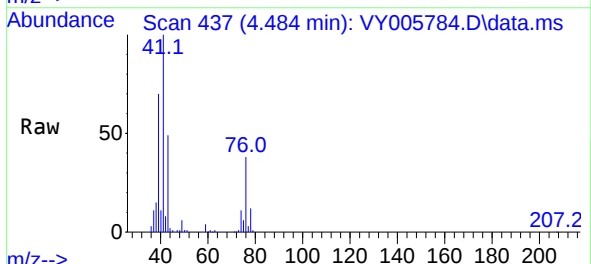
Manual Integrations
APPROVED

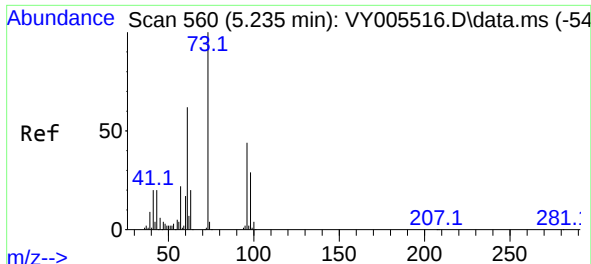
SAM
8/23/2021 11:05:21 AM



#18
Methyl Acetate
Concen: 50.372 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 43 Resp: 71128
Ion Ratio Lower Upper
43 100
74 24.0 19.0 28.6





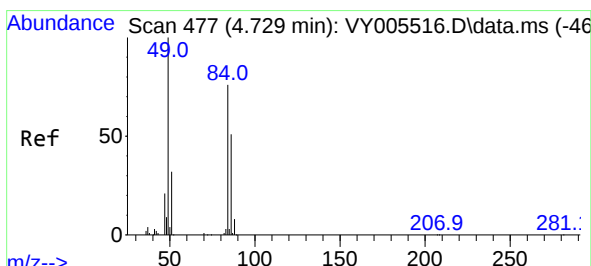
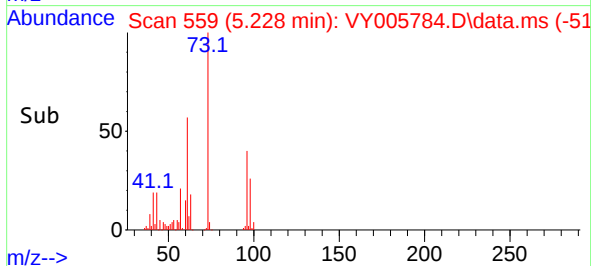
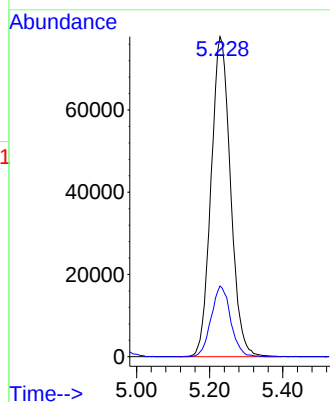
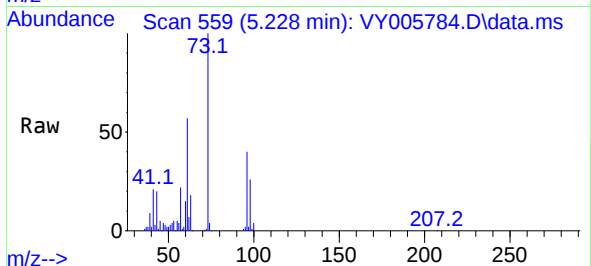
#19
Methyl tert-butyl Ether
Concen: 50.826 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 287061
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

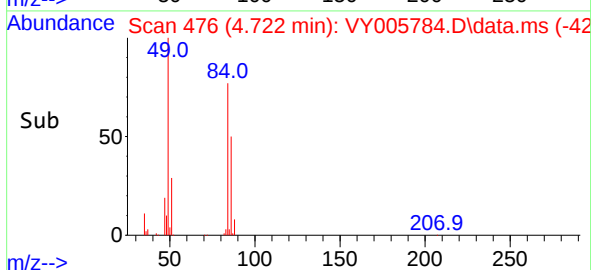
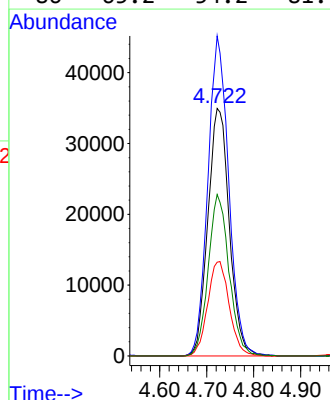
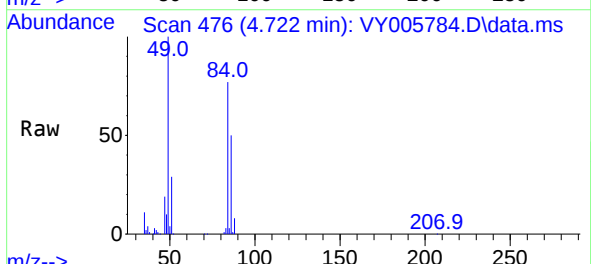
Manual Integrations
APPROVED

SAM
8/23/2021 11:05:21 AM



#20
Methylene Chloride
Concen: 52.080 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

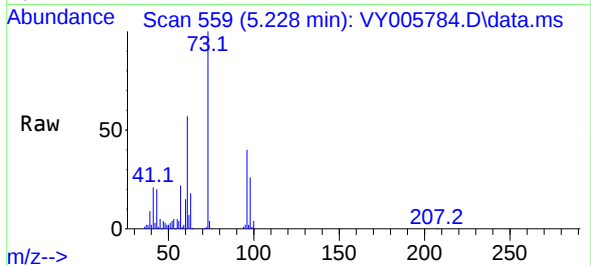
Tgt Ion: 84 Resp: 110911
Ion Ratio Lower Upper
84 100
49 129.3 105.8 158.6
51 37.9 33.4 50.2
86 65.2 54.2 81.4





#21
trans-1,2-Dichloroethene
Concen: 47.758 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

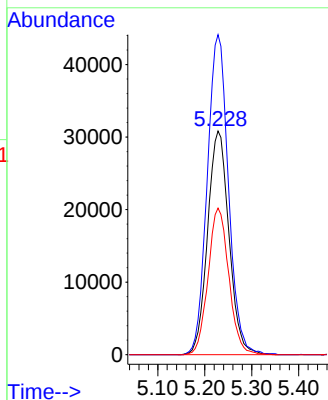
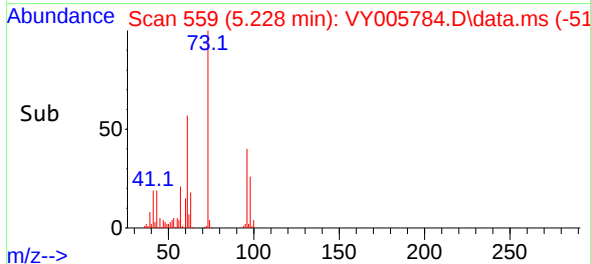
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



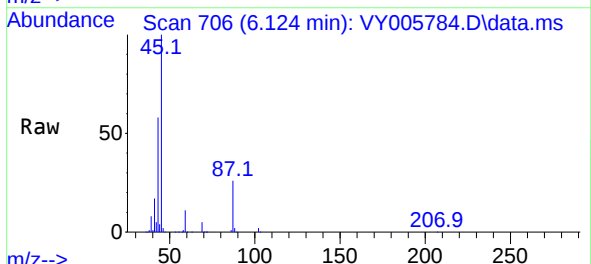
Tgt Ion: 96 Resp: 97345
Ion Ratio Lower Upper
96 100
61 143.1 112.6 168.8
98 65.5 52.2 78.4

Manual Integrations
APPROVED

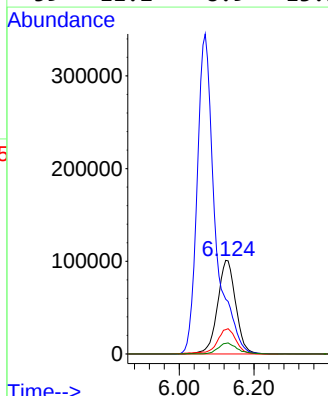
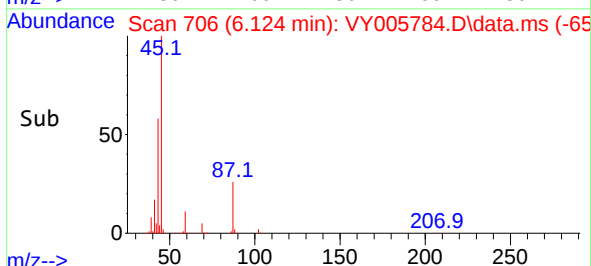
SAM
8/23/2021 11:05:21 AM

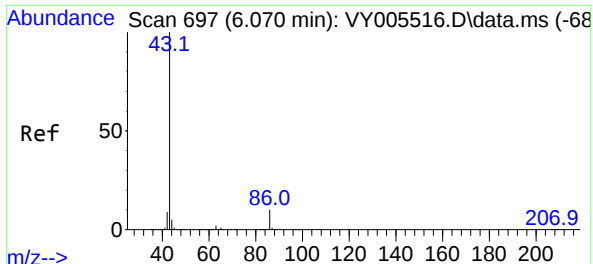


#22
Diisopropyl ether
Concen: 51.566 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



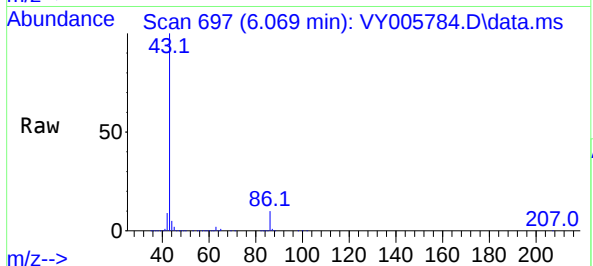
Tgt Ion: 45 Resp: 339698
Ion Ratio Lower Upper
45 100
43 58.3 44.2 66.2
87 26.0 21.6 32.4
59 11.2 8.9 13.3





#23
 Vinyl Acetate
 Concen: 260.921 ug/l
 RT: 6.069 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY005784.D
 Acq: 20 Aug 2021 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

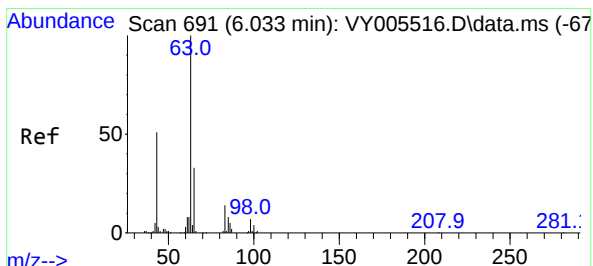
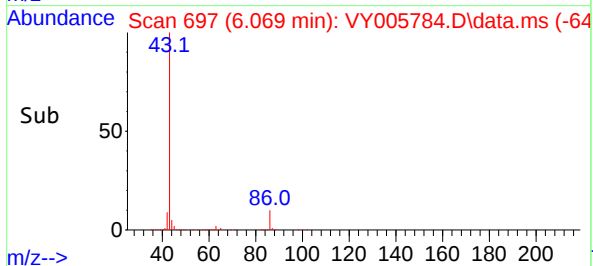
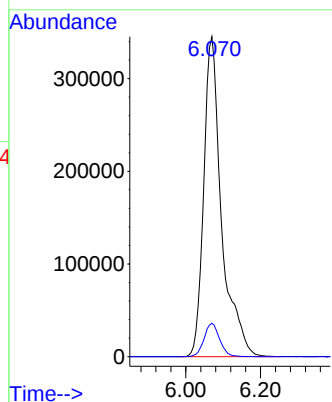


Tgt Ion: 43 Resp: 1143885

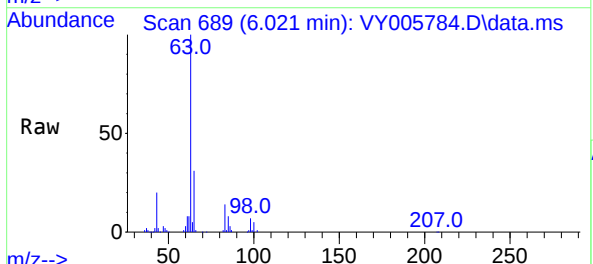
Ion	Ratio	Lower	Upper
43	100		
86	10.5	8.4	12.6

Manual Integrations
 APPROVED

SAM
 8/23/2021 11:05:21 AM

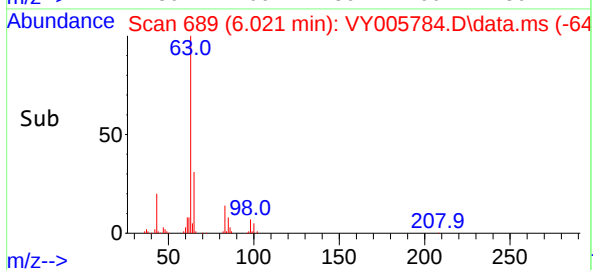
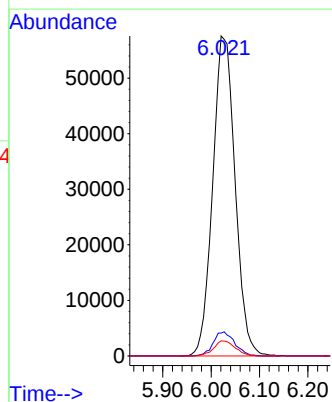


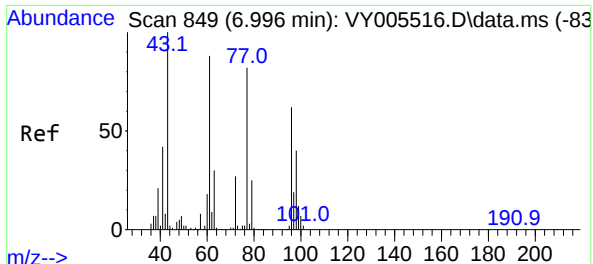
#24
 1,1-Dichloroethane
 Concen: 50.722 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.012 min
 Lab File: VY005784.D
 Acq: 20 Aug 2021 11:16



Tgt Ion: 63 Resp: 185175

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.4	10.1
100	4.7	2.1	6.5





#25

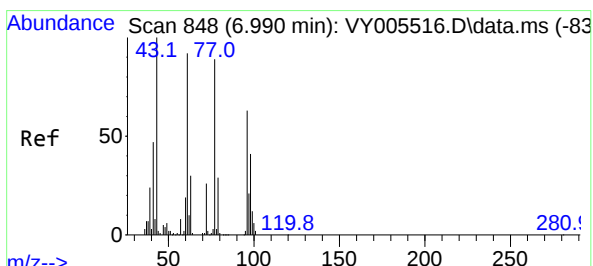
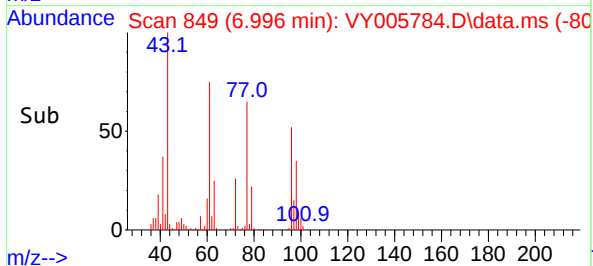
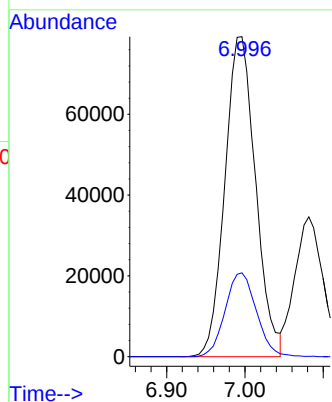
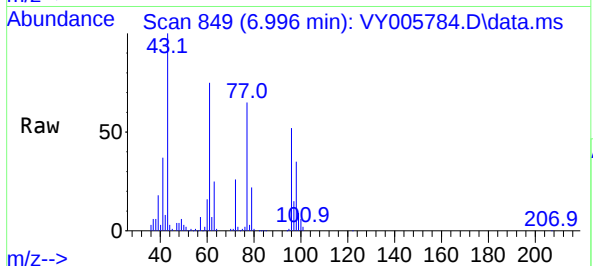
2-Butanone
Concen: 270.456 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 43 Resp: 215846
Ion Ratio Lower Upper
43 100
72 26.2 21.4 32.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

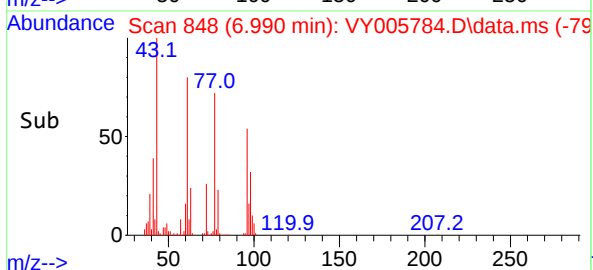
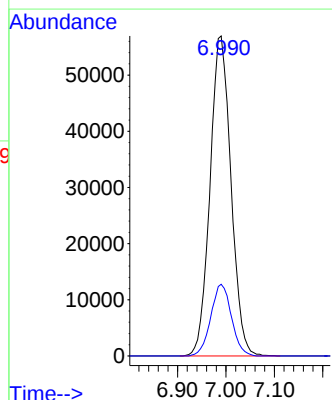
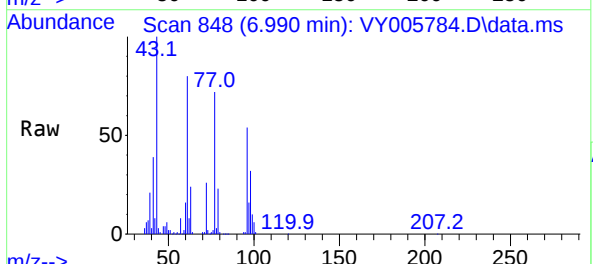
SAM
8/23/2021 11:05:21 AM

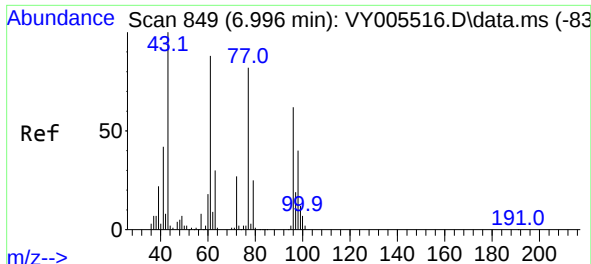


#26

2,2-Dichloropropane
Concen: 51.402 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

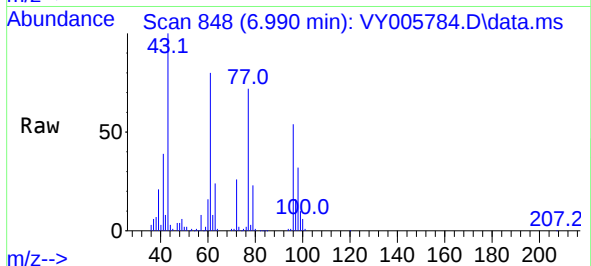
Tgt Ion: 77 Resp: 171453
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 50.238 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

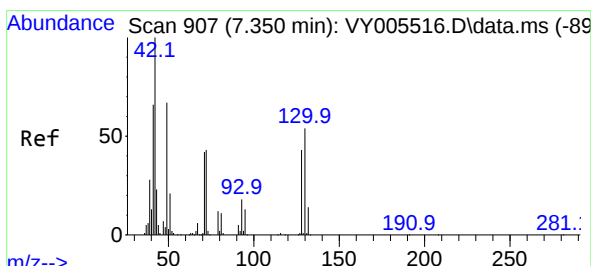
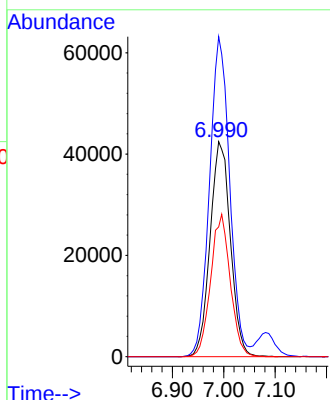
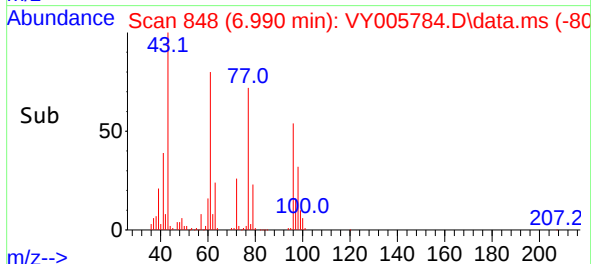
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



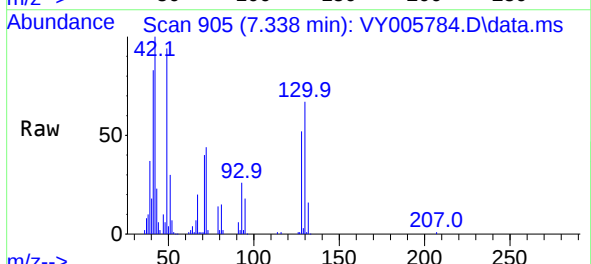
Tgt Ion: 96 Resp: 116465
Ion Ratio Lower Upper
96 100
61 147.8 0.0 290.0
98 63.7 0.0 128.0

Manual Integrations
APPROVED

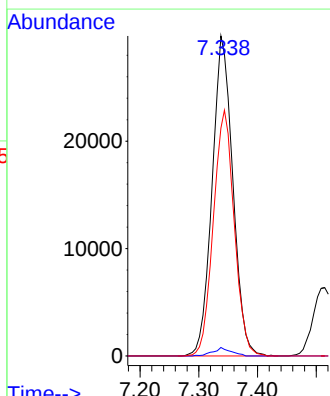
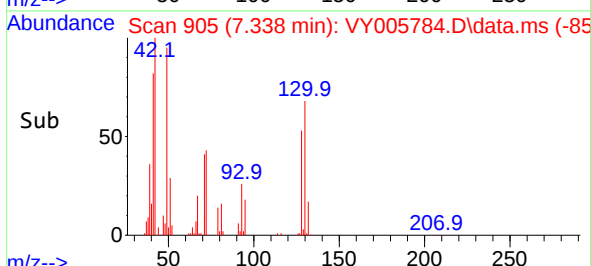
SAM
8/23/2021 11:05:21 AM

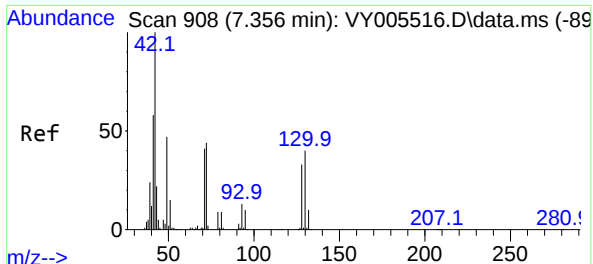


#28
Bromochloromethane
Concen: 50.004 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



Tgt Ion: 49 Resp: 72862
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 77.3 64.0 96.0





#29
Tetrahydrofuran
Concen: 257.820 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

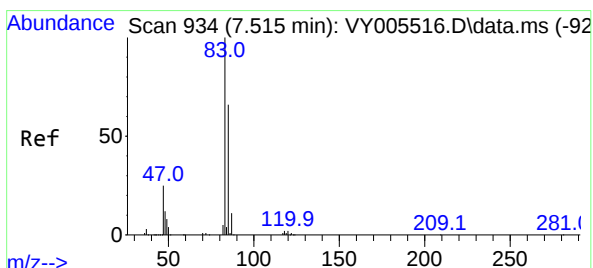
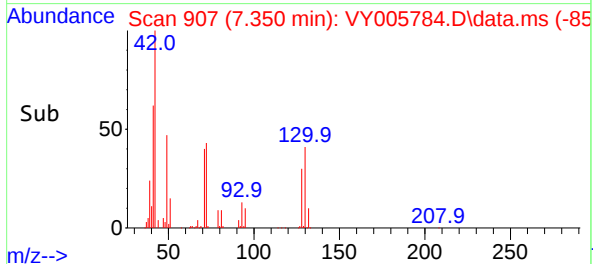
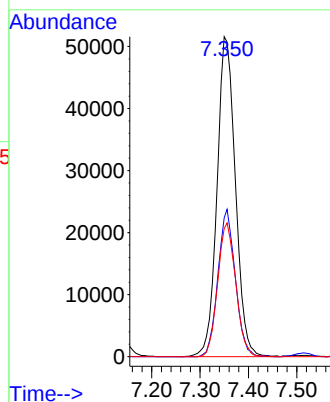
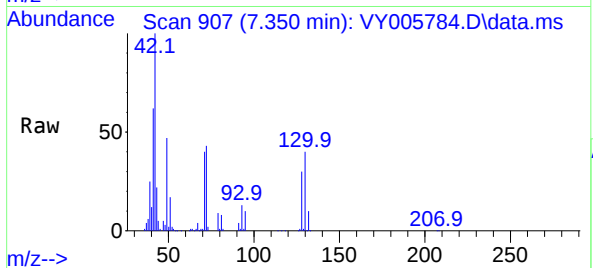
Tgt Ion: 42 Resp: 136094

Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.0	52.4
71	41.0	33.3	49.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

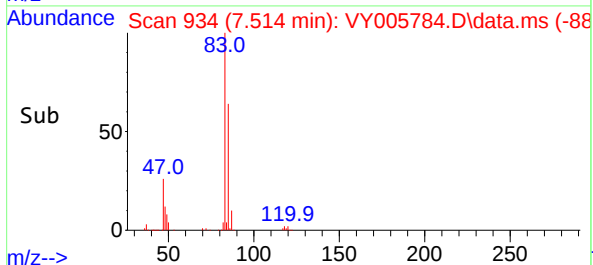
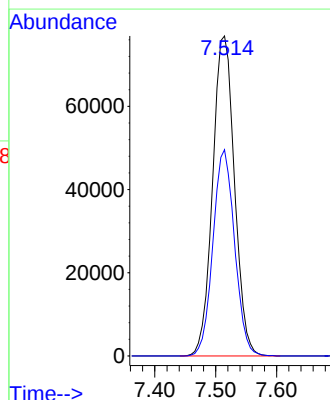
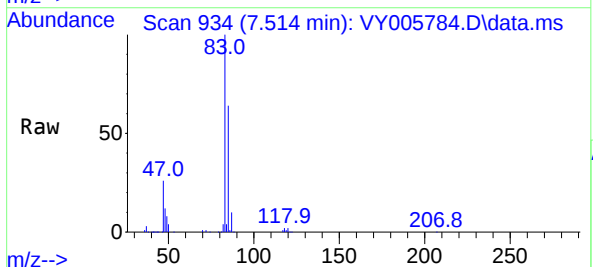
SAM
8/23/2021 11:05:21 AM

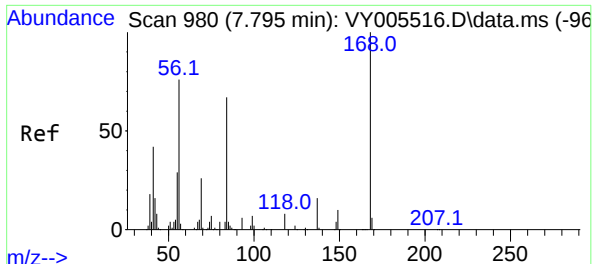


#30
Chloroform
Concen: 51.500 ug/l
RT: 7.514 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

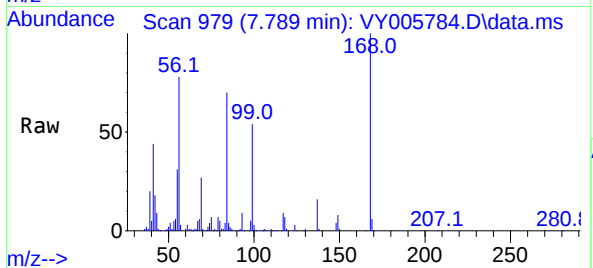
Tgt Ion: 83 Resp: 191899

Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.7	79.1

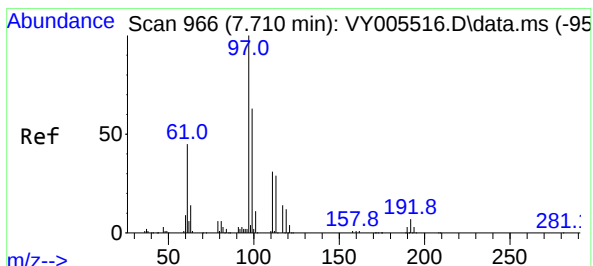
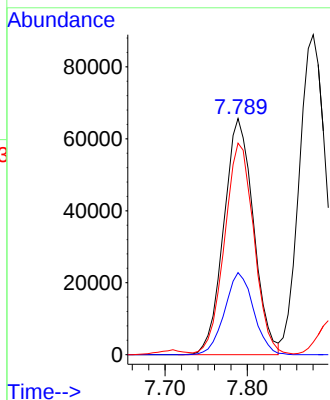
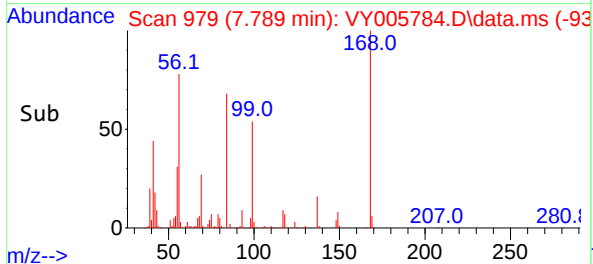




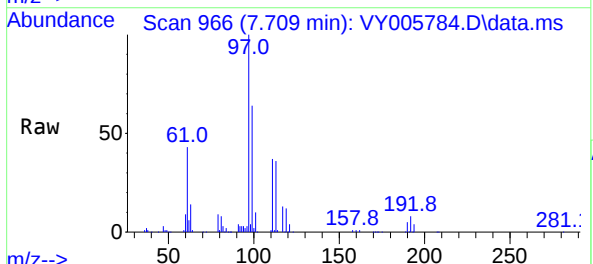
#31
Cyclohexane
Concen: 44.968 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



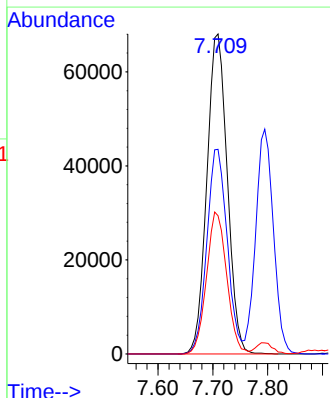
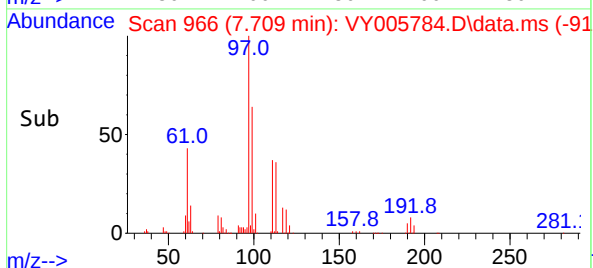
Tgt Ion: 56 Resp: 165172
Ion Ratio Lower Upper
56 100
69 34.8 27.7 41.5
84 88.1 70.9 106.3



#32
1,1,1-Trichloroethane
Concen: 51.390 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



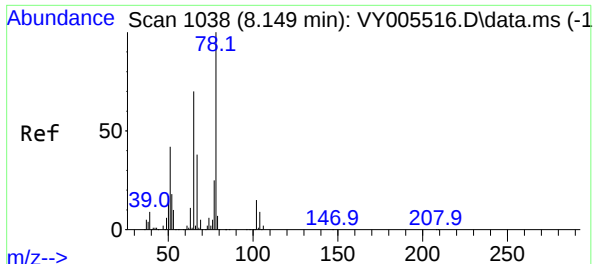
Tgt Ion: 97 Resp: 176027
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 43.9 35.0 52.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

SAM
8/23/2021 11:05:21 AM



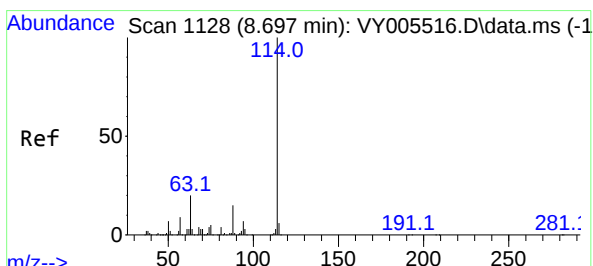
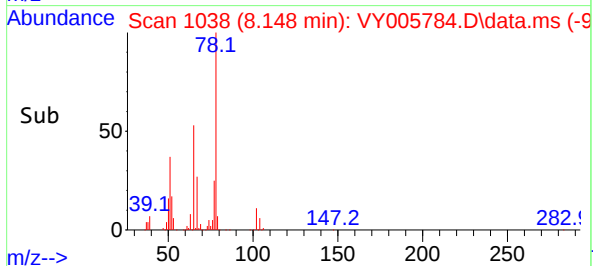
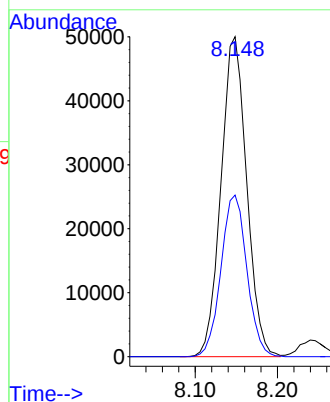
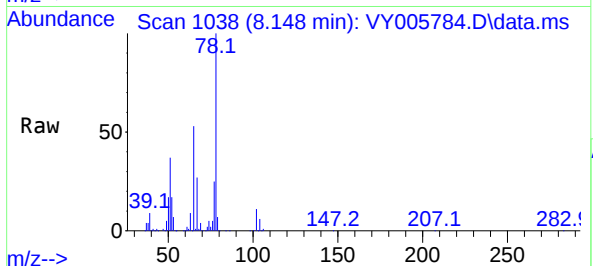
#33
1,2-Dichloroethane-d4
Concen: 50.653 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 65 Resp: 108470
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

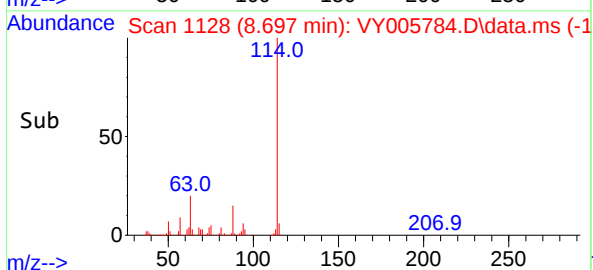
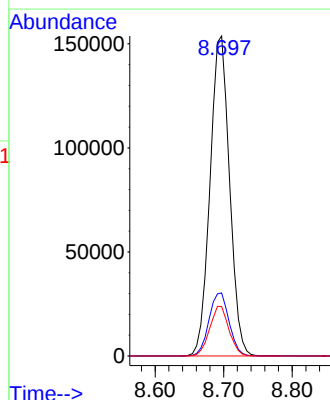
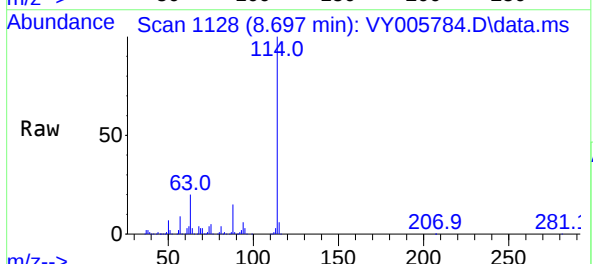
Manual Integrations
APPROVED

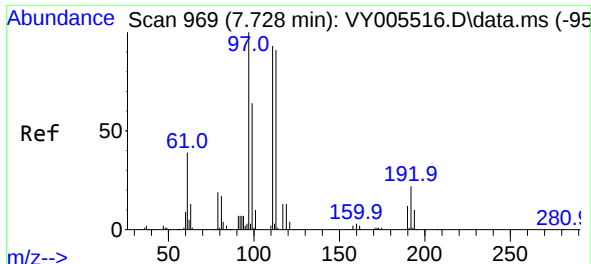
SAM
8/23/2021 11:05:21 AM



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

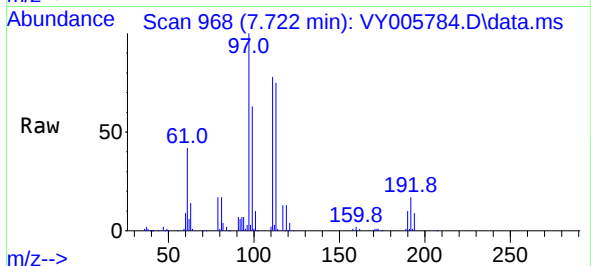
Tgt Ion: 114 Resp: 303672
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 15.5 0.0 30.8





#35
Dibromofluoromethane
Concen: 51.313 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

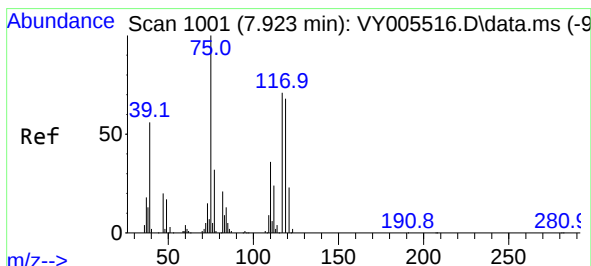
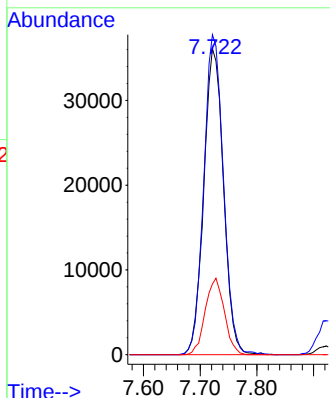
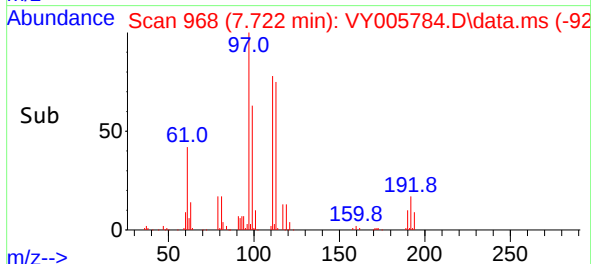
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



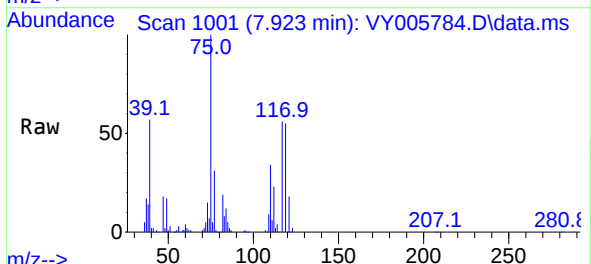
Tgt Ion:113 Resp: 87241
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 24.2 19.2 28.8

Manual Integrations
APPROVED

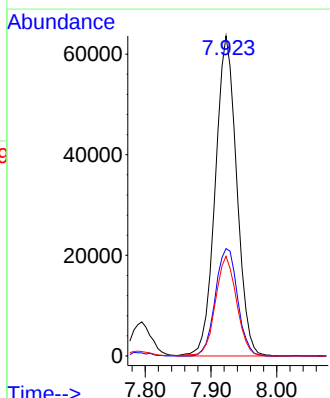
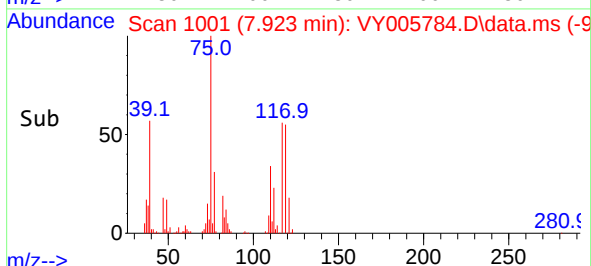
SAM
8/23/2021 11:05:21 AM

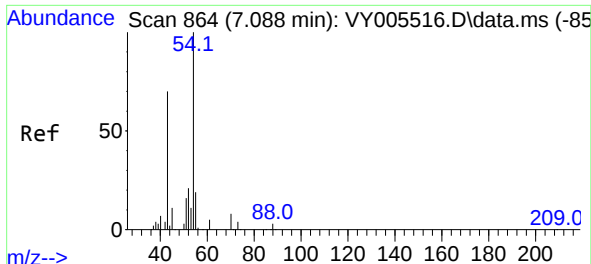


#36
1,1-Dichloropropene
Concen: 50.608 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



Tgt Ion: 75 Resp: 144144
Ion Ratio Lower Upper
75 100
110 34.8 18.1 54.1
77 30.7 25.1 37.7





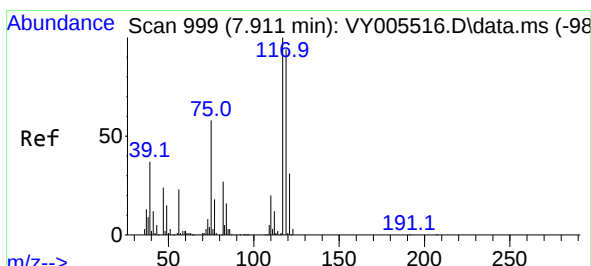
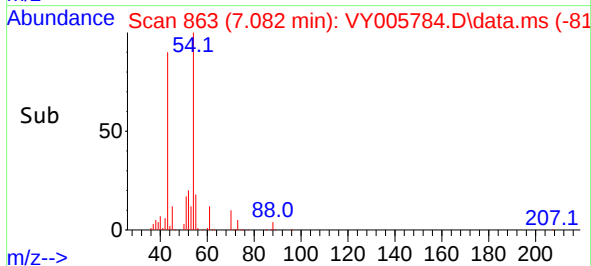
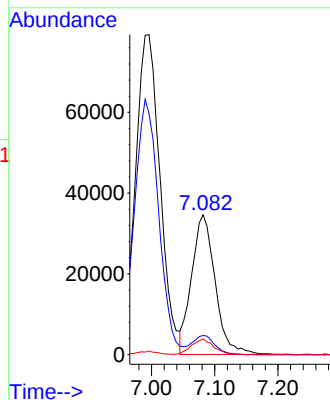
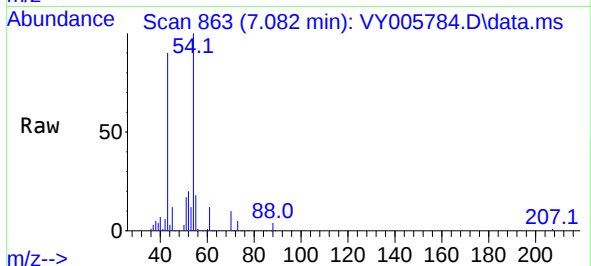
#37
Ethyl Acetate
Concen: 51.812 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 43 Resp: 89402
Ion Ratio Lower Upper
43 100
61 13.3 10.6 15.8
70 10.7 8.6 13.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

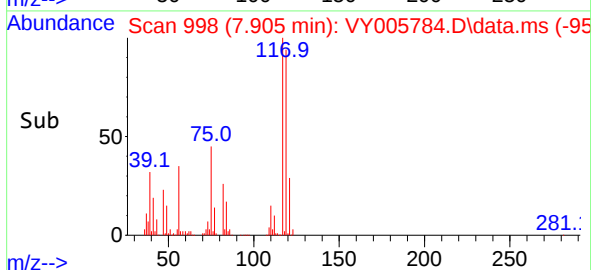
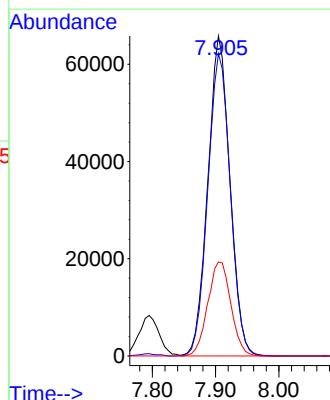
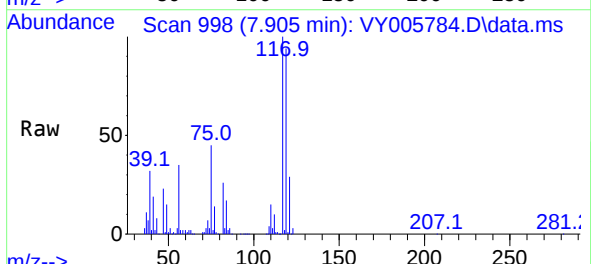
Manual Integrations
APPROVED

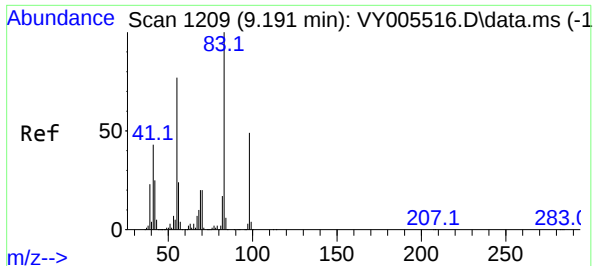
SAM
8/23/2021 11:05:21 AM



#38
Carbon Tetrachloride
Concen: 51.631 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

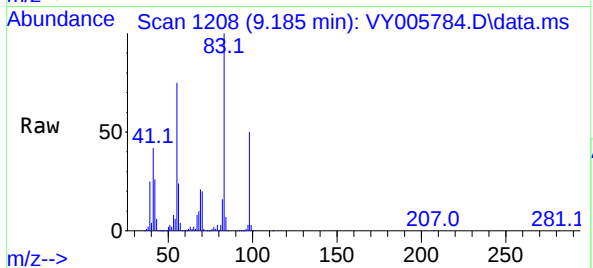
Tgt Ion: 117 Resp: 159829
Ion Ratio Lower Upper
117 100
119 94.4 75.4 113.0
121 29.4 25.1 37.7





#39
Methylcyclohexane
Concen: 48.624 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

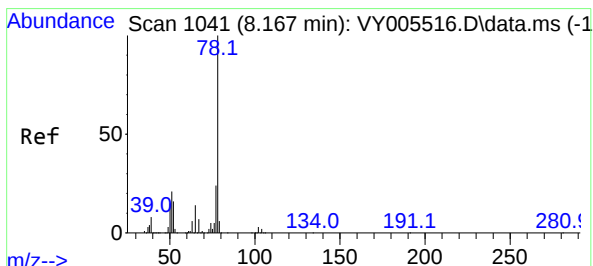
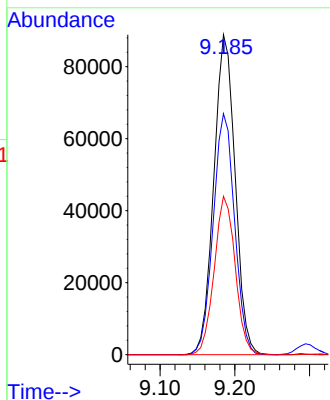
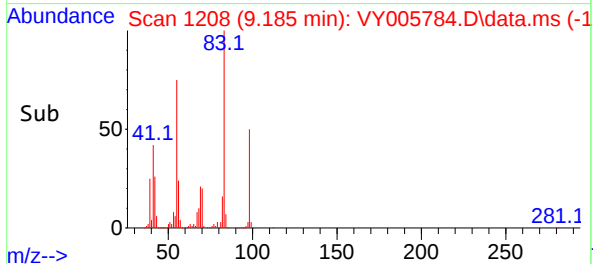
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



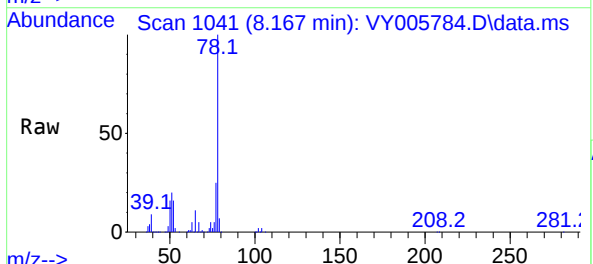
Tgt Ion: 83 Resp: 176196
Ion Ratio Lower Upper
83 100
55 75.3 61.7 92.5
98 49.5 38.9 58.3

Manual Integrations
APPROVED

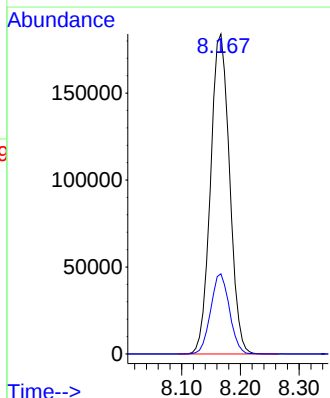
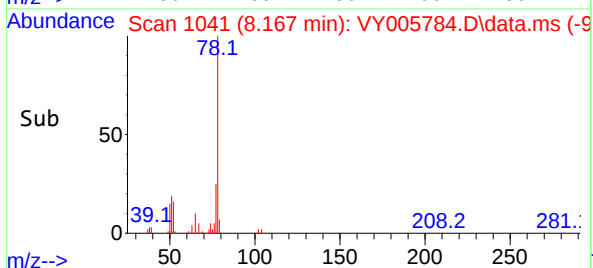
SAM
8/23/2021 11:05:21 AM

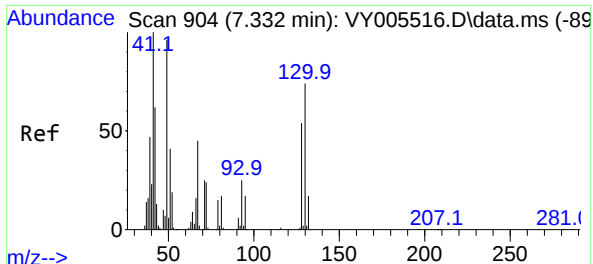


#40
Benzene
Concen: 50.699 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



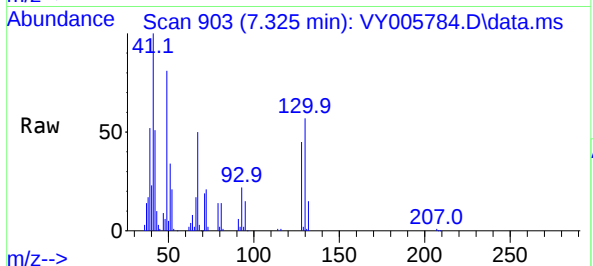
Tgt Ion: 78 Resp: 413515
Ion Ratio Lower Upper
78 100
77 25.0 19.6 29.4





#41
Methacrylonitrile
Concen: 49.891 ug/l m
RT: 7.325 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

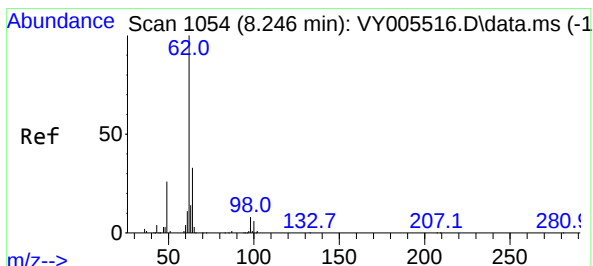
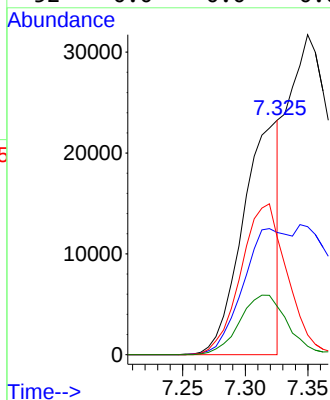
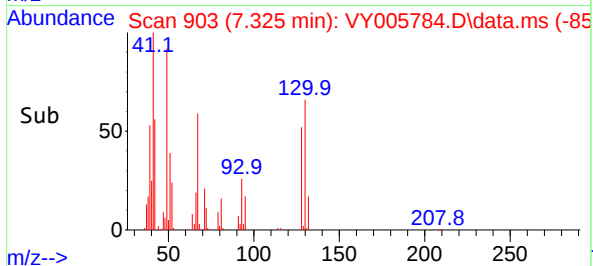
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



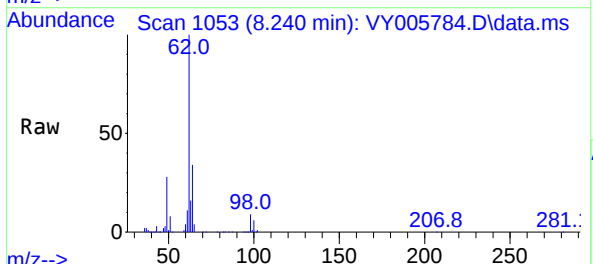
Tgt Ion: 41 Resp: 46709
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

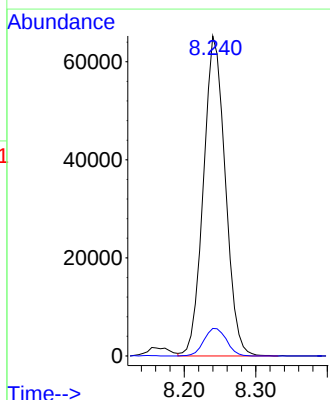
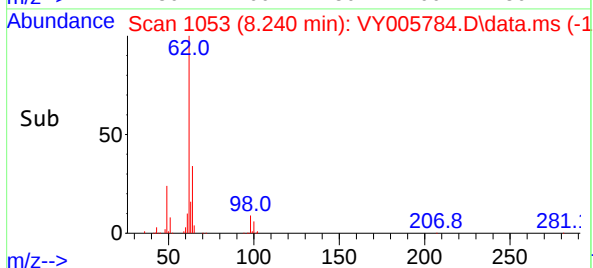
SAM
8/23/2021 11:05:21 AM

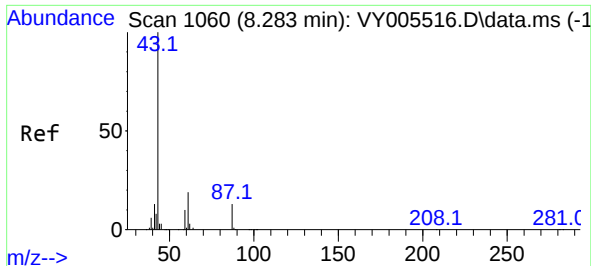


#42
1,2-Dichloroethane
Concen: 52.434 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



Tgt Ion: 62 Resp: 138723
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.4





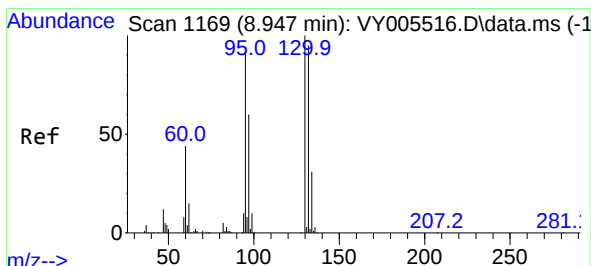
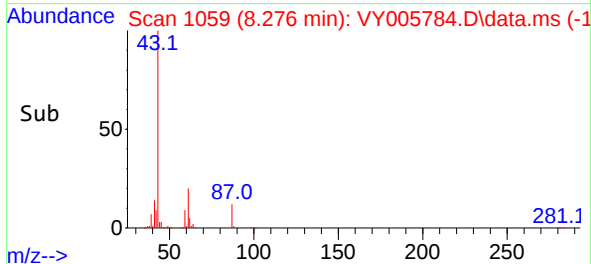
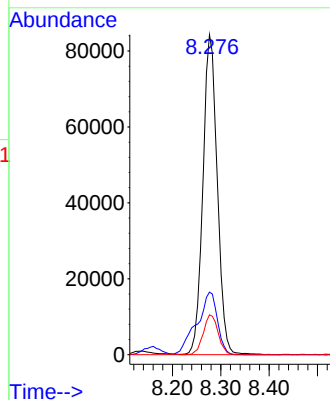
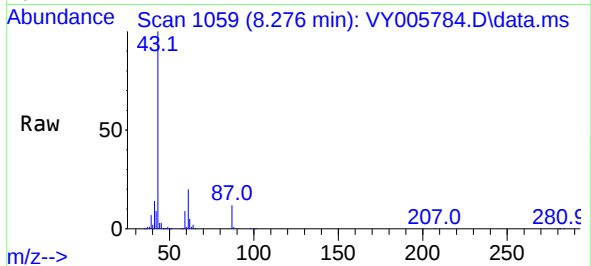
#43
Isopropyl Acetate
Concen: 53.296 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:	43	Resp:	174108
Ion Ratio	Lower	Upper	
43	100		
61	27.9	23.0	34.6
87	12.9	10.6	16.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

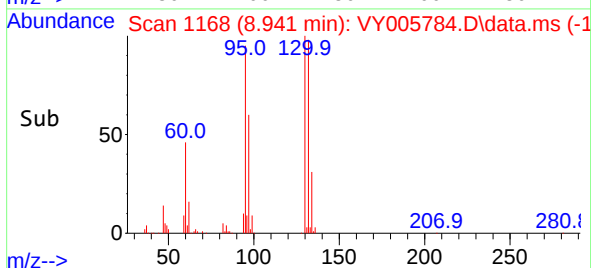
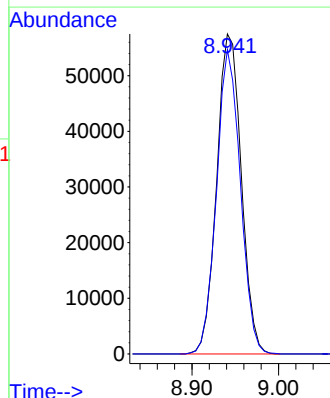
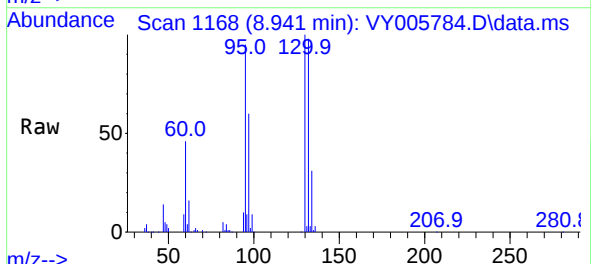
Manual Integrations
APPROVED

SAM
8/23/2021 11:05:21 AM



#44
Trichloroethene
Concen: 50.976 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:	130	Resp:	113477
Ion Ratio	Lower	Upper	
130	100		
95	95.1	0.0	185.0





#45

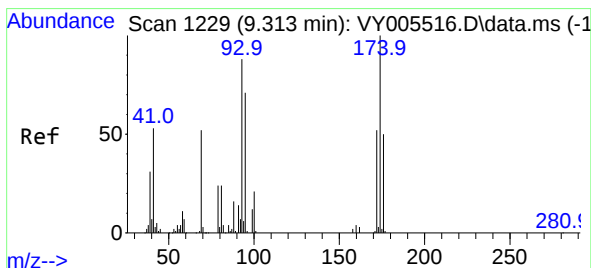
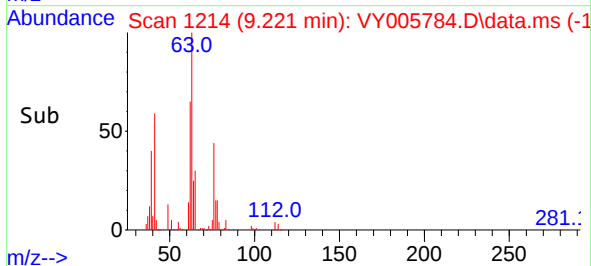
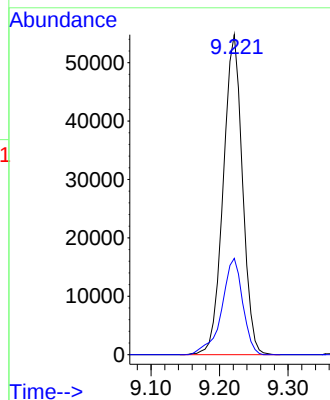
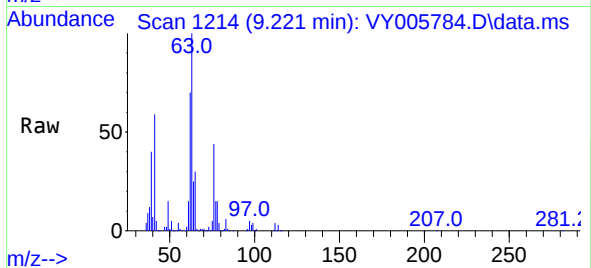
1,2-Dichloropropane
Concen: 52.125 ug/l
RT: 9.221 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 63 Resp: 106362
Ion Ratio Lower Upper
63 100
65 30.1 24.9 37.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

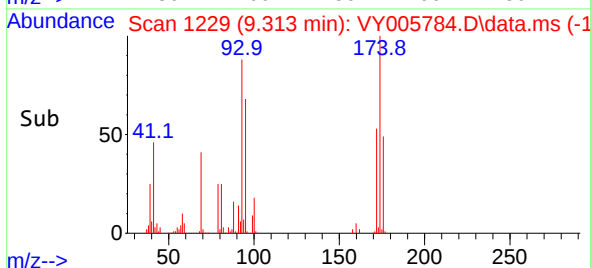
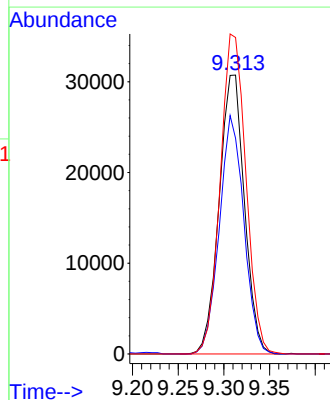
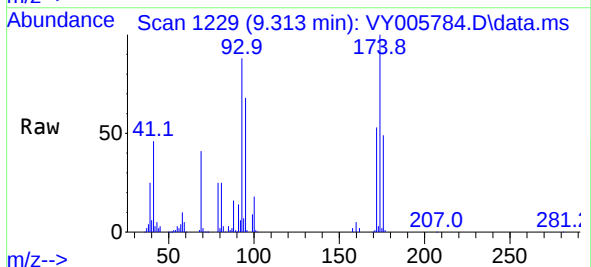
SAM
8/23/2021 11:05:21 AM

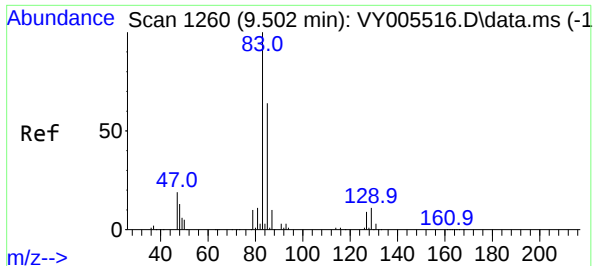


#46

Dibromomethane
Concen: 52.467 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 93 Resp: 59197
Ion Ratio Lower Upper
93 100
95 82.6 66.5 99.7
174 116.3 93.8 140.6





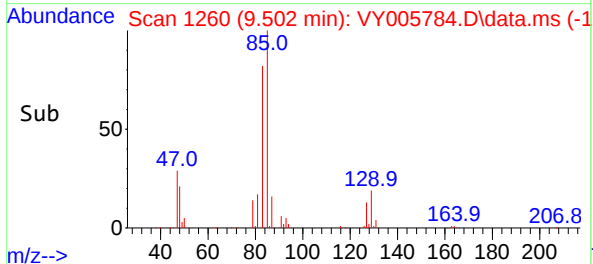
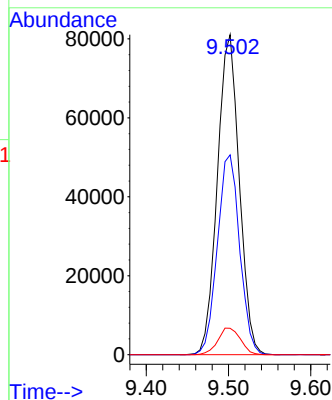
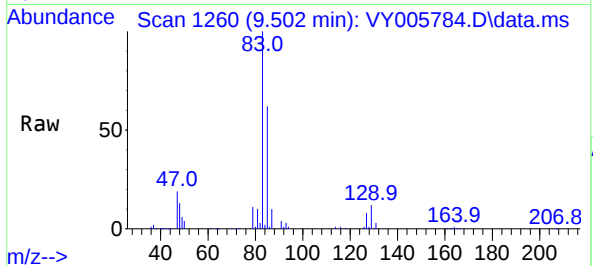
#47
Bromodichloromethane
Concen: 53.119 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:	83	Resp:	149993
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.0	76.4
127	8.3	7.0	10.4

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

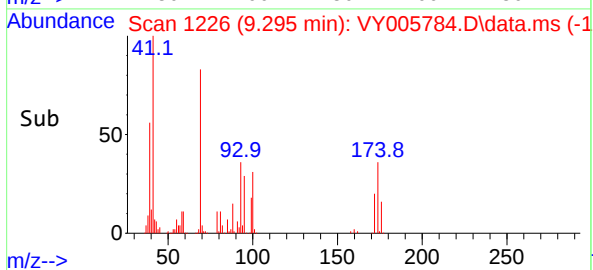
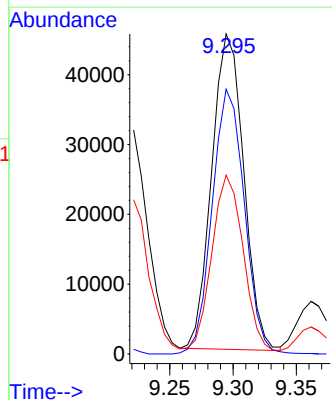
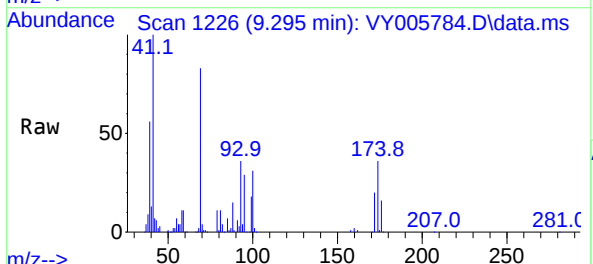
Manual Integrations
APPROVED

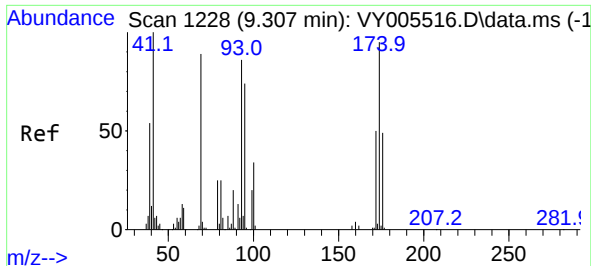
SAM
8/23/2021 11:05:21 AM



#48
Methyl methacrylate
Concen: 53.850 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:	41	Resp:	79502
Ion	Ratio	Lower	Upper
41	100		
69	84.5	69.0	103.4
39	54.3	46.0	69.0





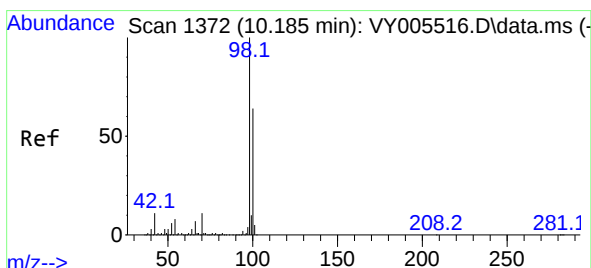
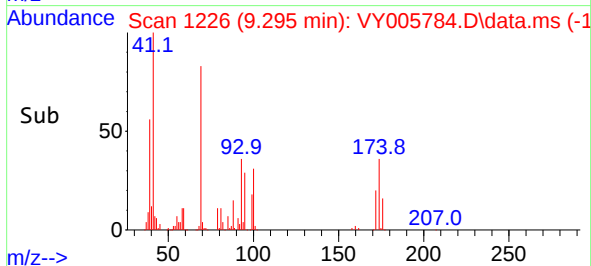
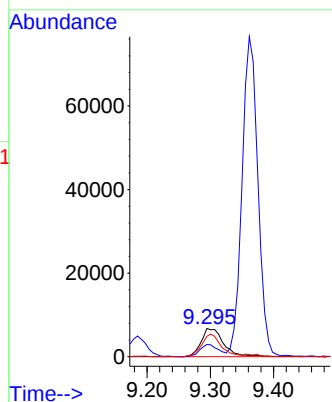
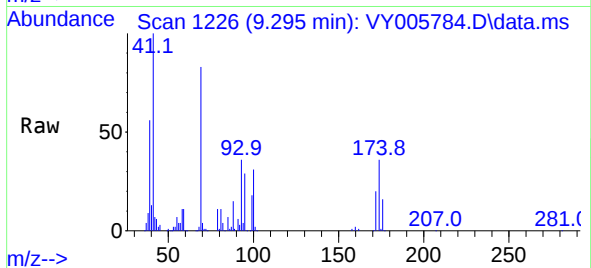
#49
1,4-Dioxane
Concen: 1062.663 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.012 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:	88	Resp:	16663
Ion	Ratio	Lower	Upper
88	100		
43	36.1	27.0	40.4
58	69.5	53.8	80.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

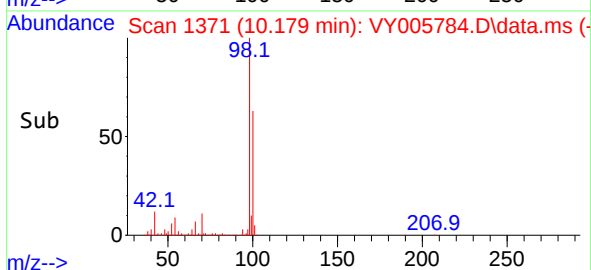
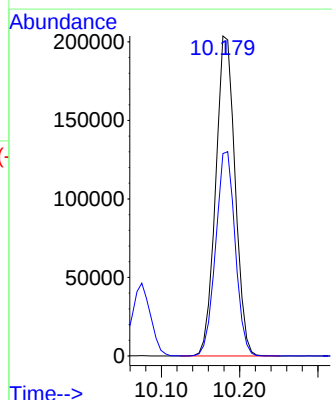
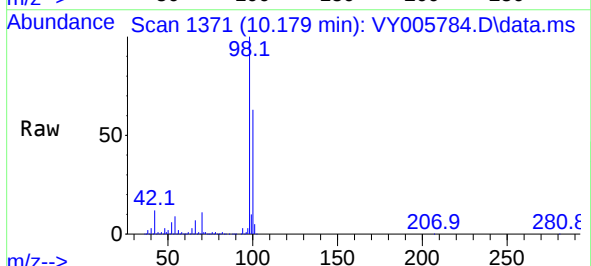
Manual Integrations
APPROVED

SAM
8/23/2021 11:05:21 AM



#50
Toluene-d8
Concen: 49.240 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:	98	Resp:	351103
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.3	76.9





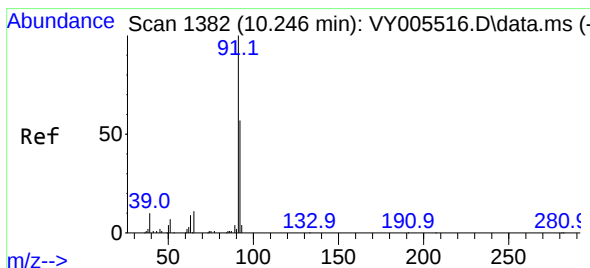
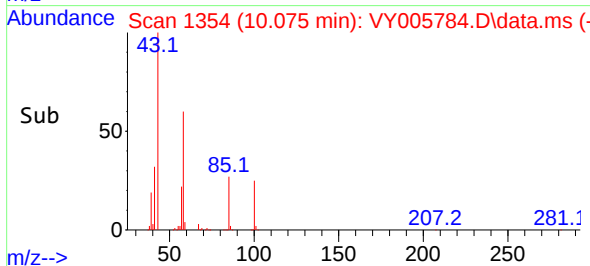
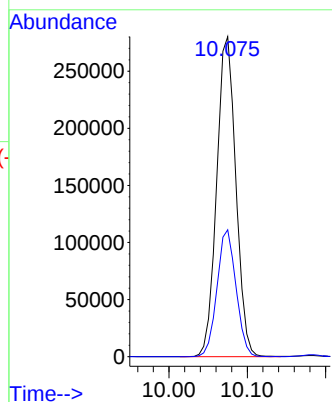
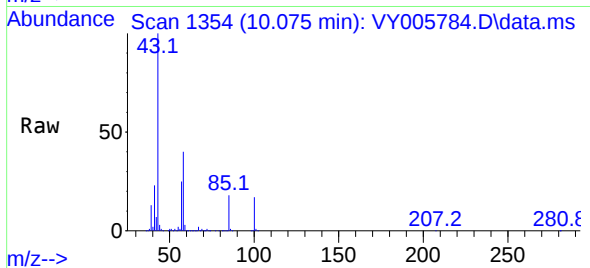
#51
4-Methyl-2-Pentanone
Concen: 277.346 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 43 Resp: 477144
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

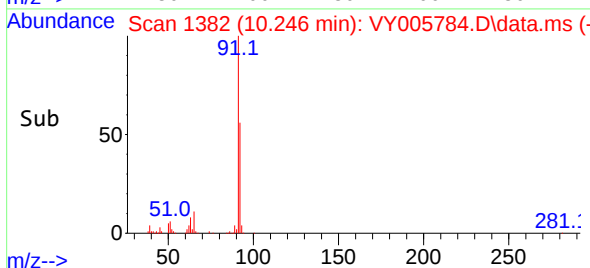
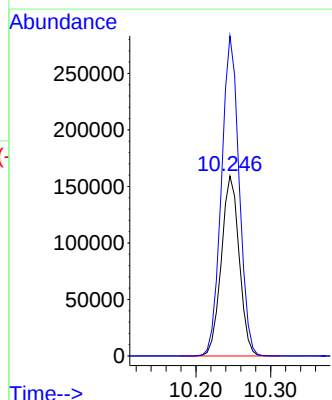
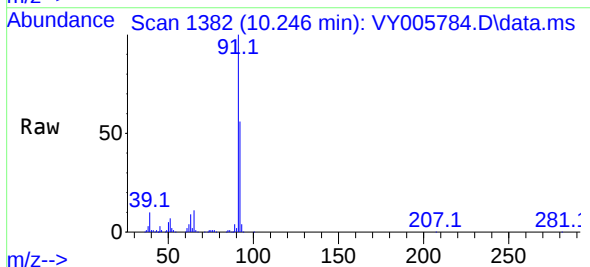
Manual Integrations
APPROVED

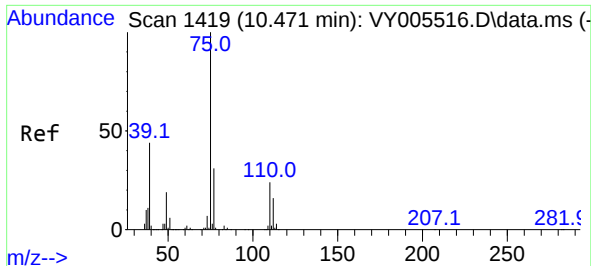
SAM
8/23/2021 11:05:21 AM



#52
Toluene
Concen: 50.918 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 92 Resp: 264810
Ion Ratio Lower Upper
92 100
91 176.5 139.6 209.4





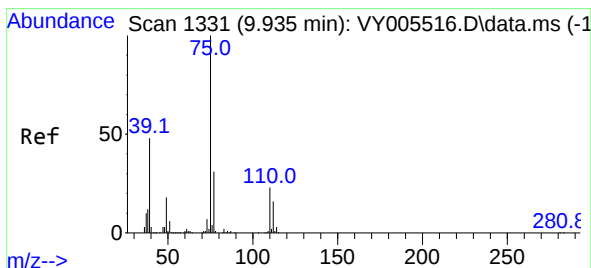
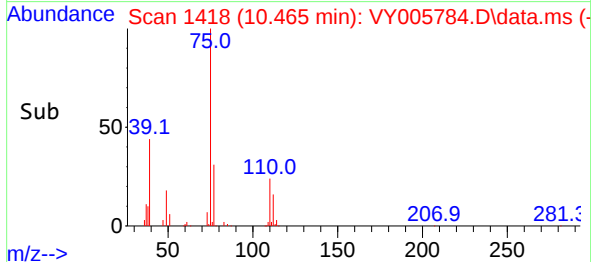
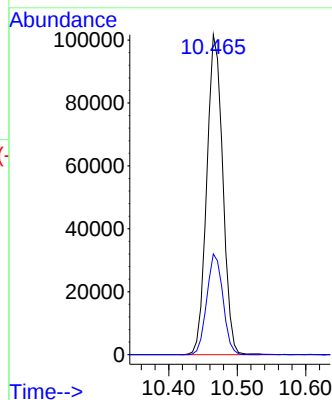
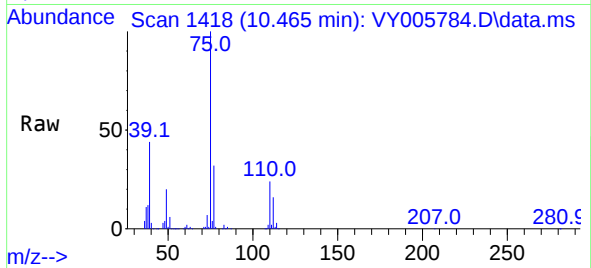
#53
t-1,3-Dichloropropene
Concen: 52.356 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 75 Resp: 165219
Ion Ratio Lower Upper
75 100
77 31.5 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

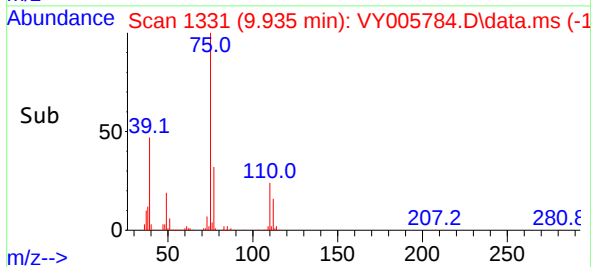
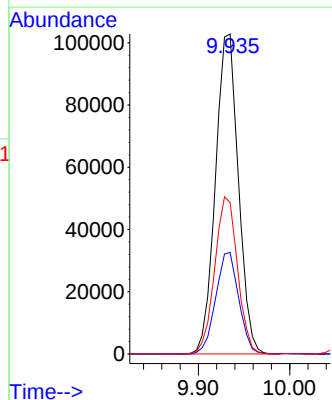
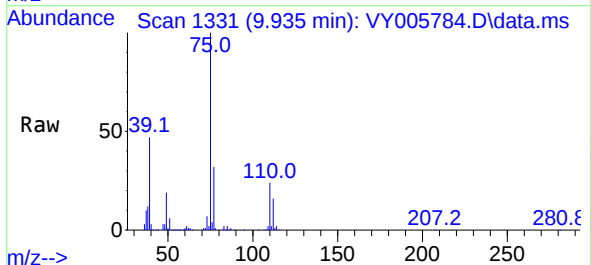
Manual Integrations
APPROVED

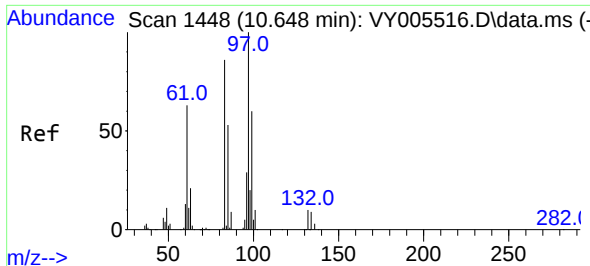
SAM
8/23/2021 11:05:21 AM



#54
cis-1,3-Dichloropropene
Concen: 52.395 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

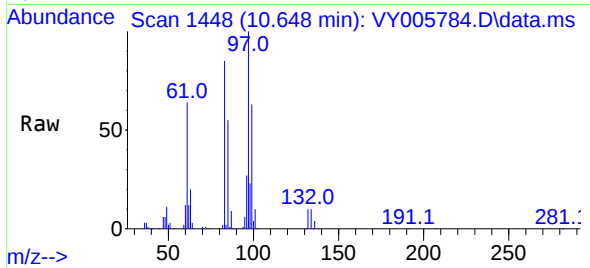
Tgt Ion: 75 Resp: 179439
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8
39 47.3 38.1 57.1





#55
1,1,2-Trichloroethane
Concen: 53.765 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

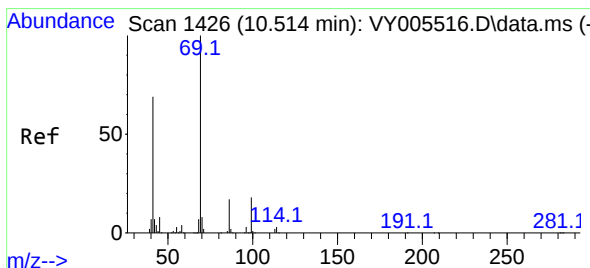
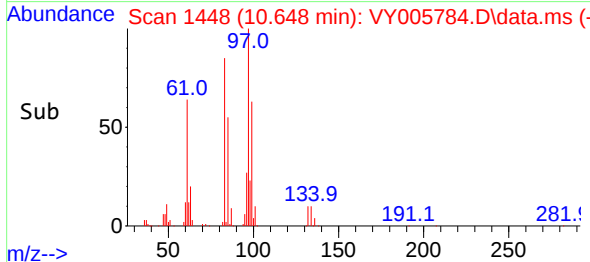
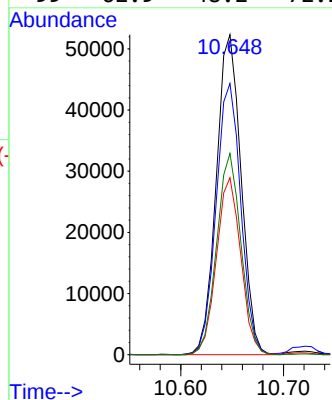


Tgt Ion: 97 Resp: 87771

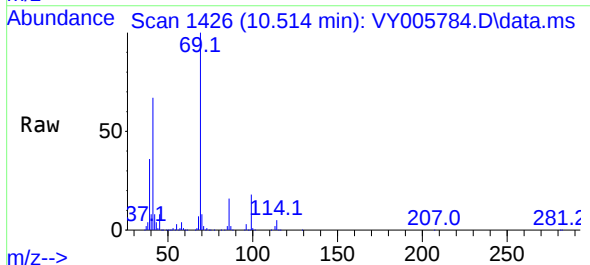
Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.7	103.1
85	55.3	42.4	63.6
99	62.9	48.2	72.2

Manual Integrations
APPROVED

SAM
8/23/2021 11:05:21 AM

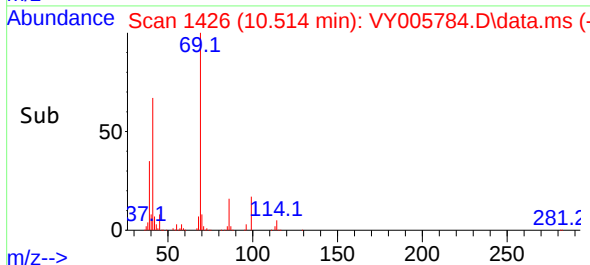
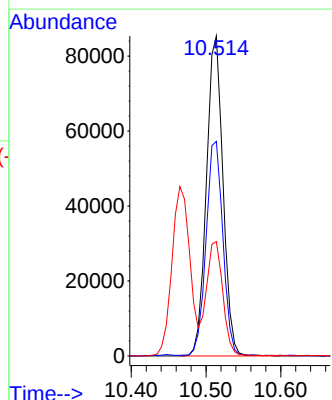


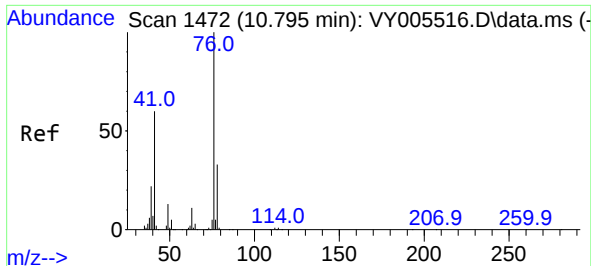
#56
Ethyl methacrylate
Concen: 53.679 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



Tgt Ion: 69 Resp: 131214

Ion	Ratio	Lower	Upper
69	100		
41	68.3	53.9	80.9
39	35.7	27.0	40.4





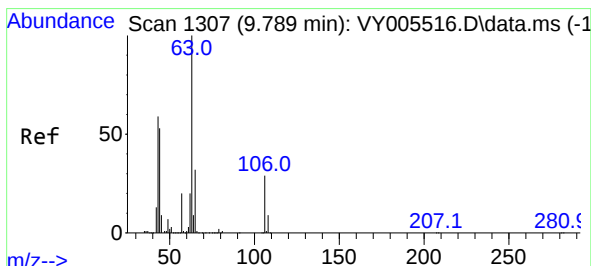
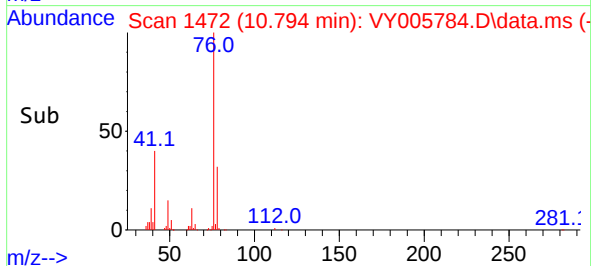
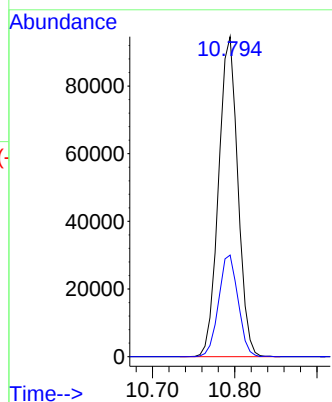
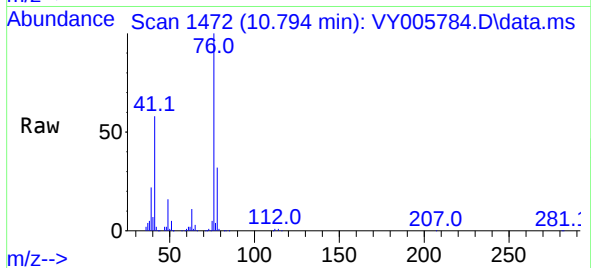
#57
1,3-Dichloropropane
Concen: 53.452 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 76 Resp: 153874
Ion Ratio Lower Upper
76 100
78 32.1 25.7 38.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

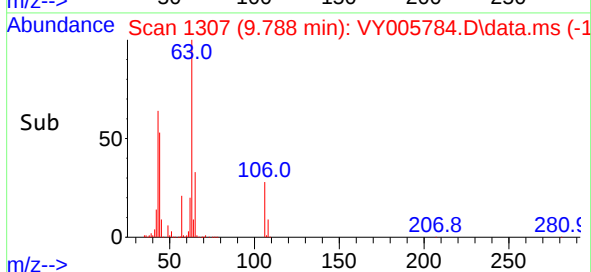
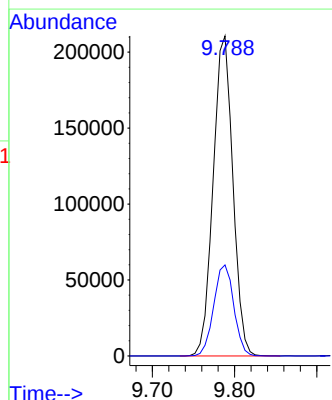
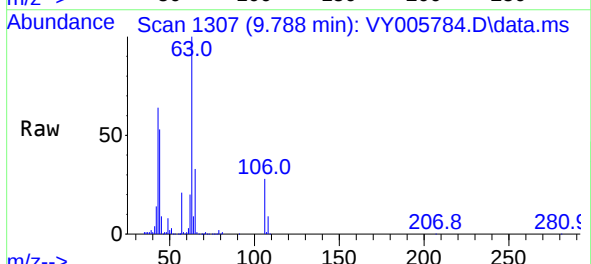
Manual Integrations
APPROVED

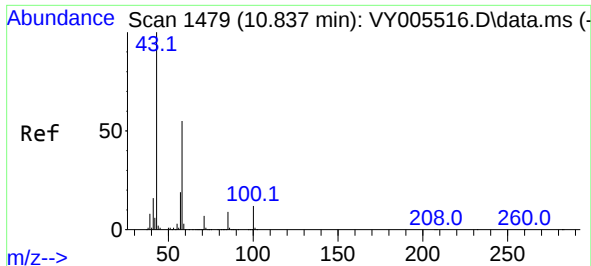
SAM
8/23/2021 11:05:21 AM



#58
2-Chloroethyl Vinyl ether
Concen: 300.186 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 63 Resp: 350617
Ion Ratio Lower Upper
63 100
106 28.9 23.1 34.7





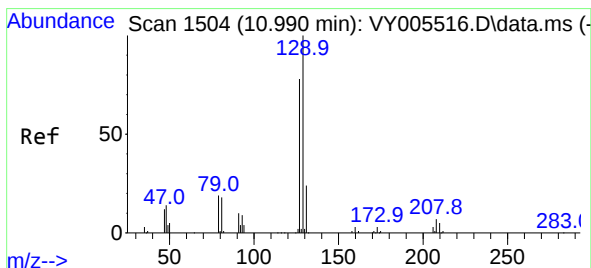
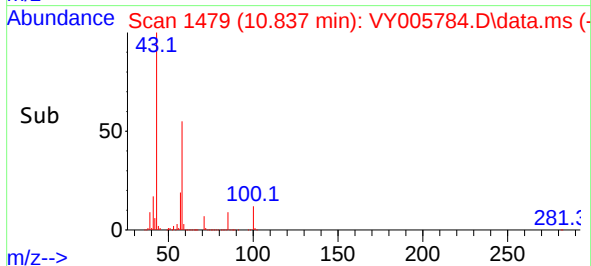
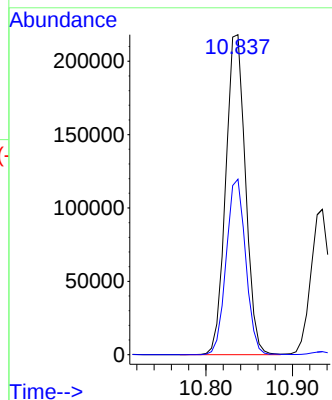
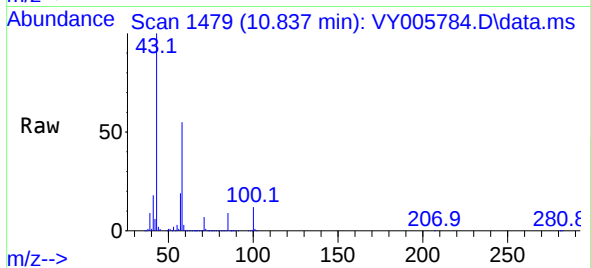
#59
2-Hexanone
Concen: 284.194 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 43 Resp: 345569
Ion Ratio Lower Upper
43 100
58 53.9 27.1 81.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

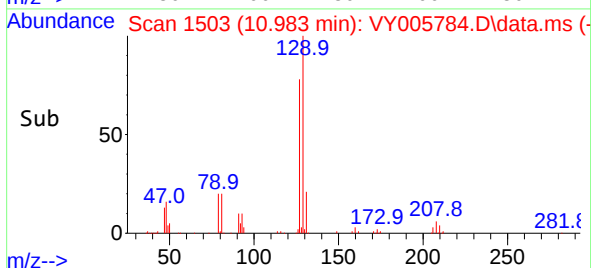
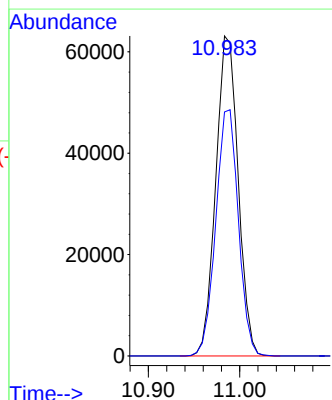
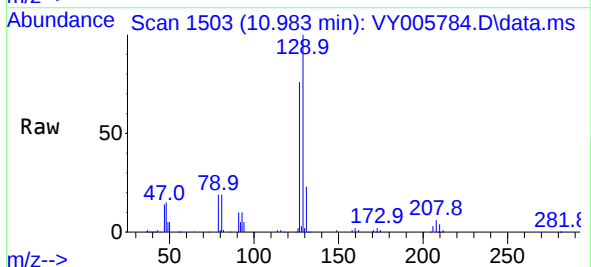
Manual Integrations
APPROVED

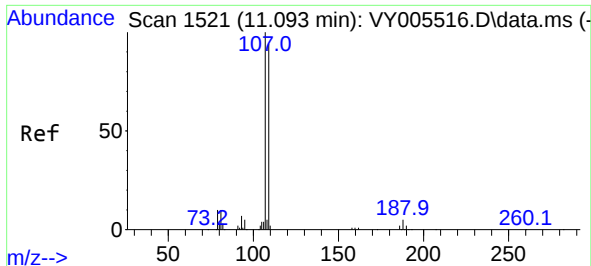
SAM
8/23/2021 11:05:21 AM



#60
Dibromochloromethane
Concen: 53.256 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 129 Resp: 107592
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7





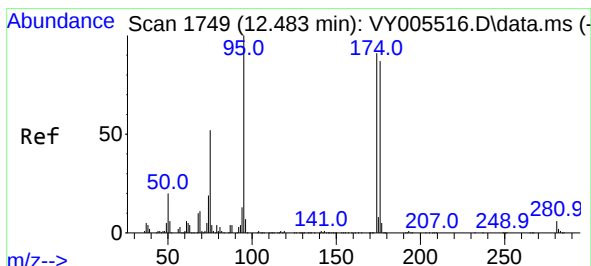
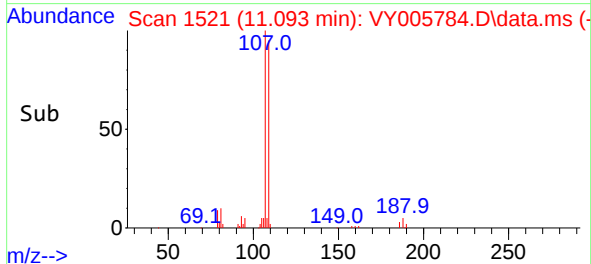
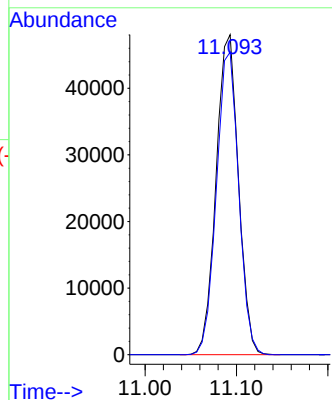
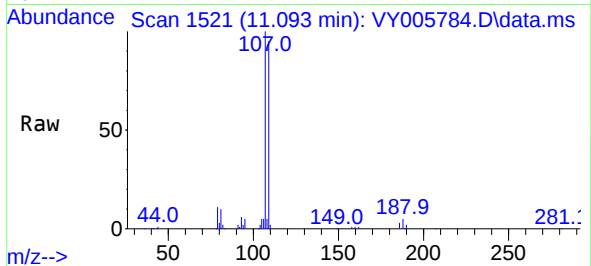
#61
1,2-Dibromoethane
Concen: 52.755 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 107 Resp: 81580
Ion Ratio Lower Upper
107 100
109 94.2 74.7 112.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

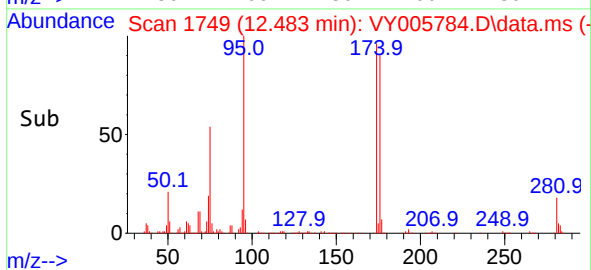
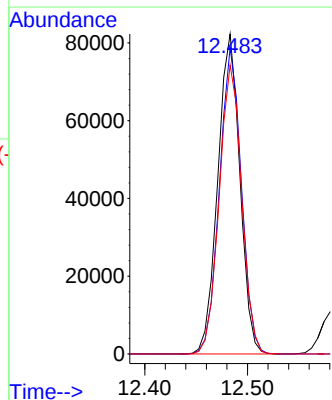
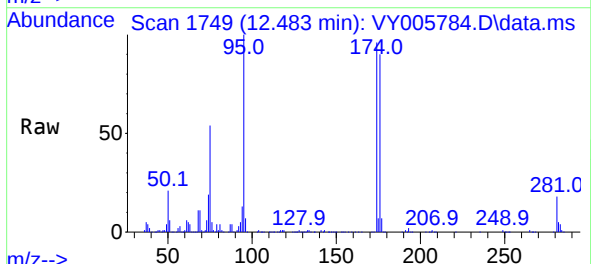
Manual Integrations
APPROVED

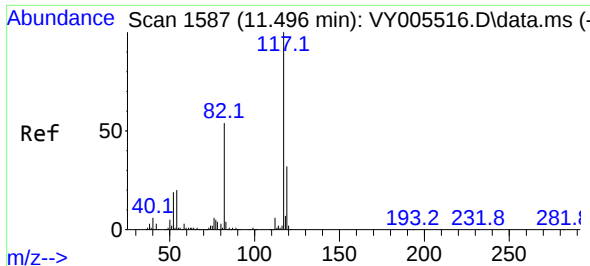
SAM
8/23/2021 11:05:21 AM



#62
4-Bromofluorobenzene
Concen: 51.961 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

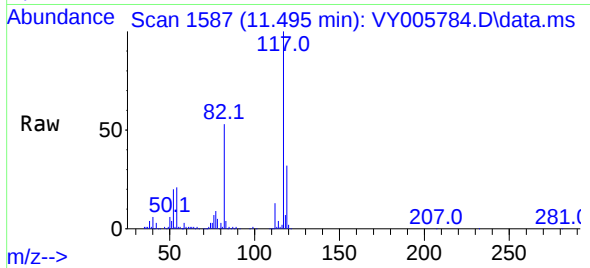
Tgt Ion: 95 Resp: 122693
Ion Ratio Lower Upper
95 100
174 94.9 0.0 191.4
176 91.4 0.0 183.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

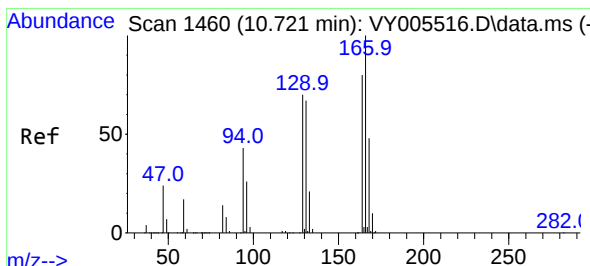
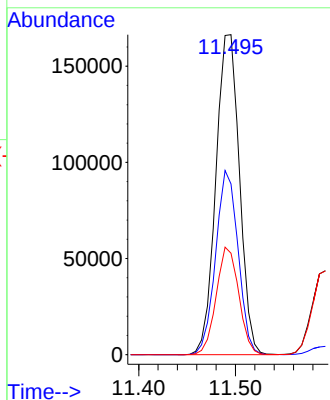
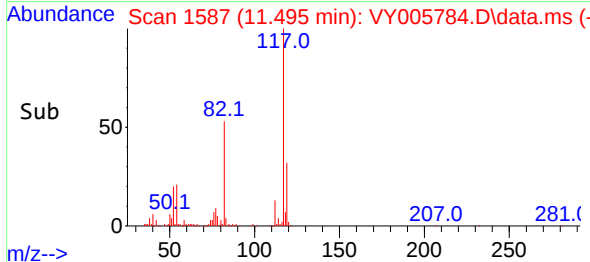
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



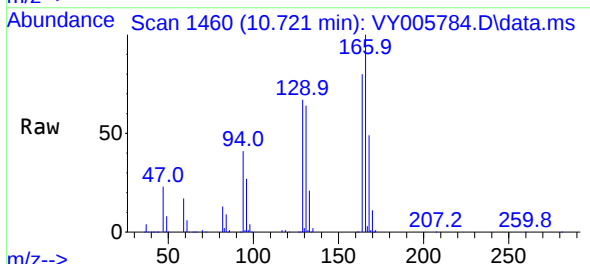
Tgt Ion:117 Resp: 282153
Ion Ratio Lower Upper
117 100
82 53.4 43.5 65.3
119 31.7 25.5 38.3

Manual Integrations
APPROVED

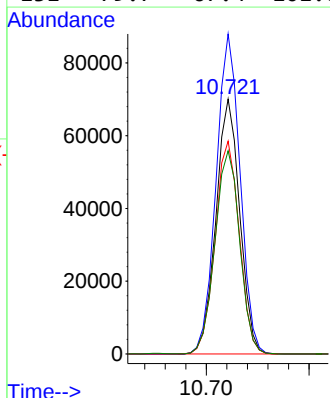
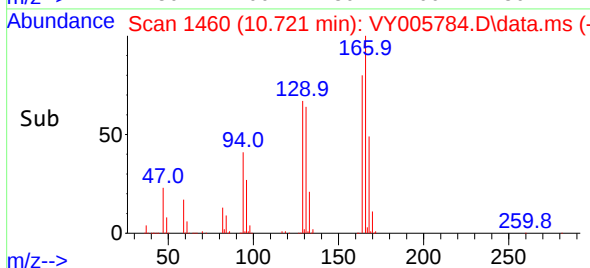
SAM
8/23/2021 11:05:21 AM

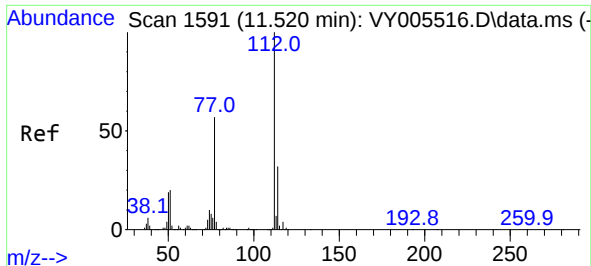


#64
Tetrachloroethene
Concen: 52.482 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

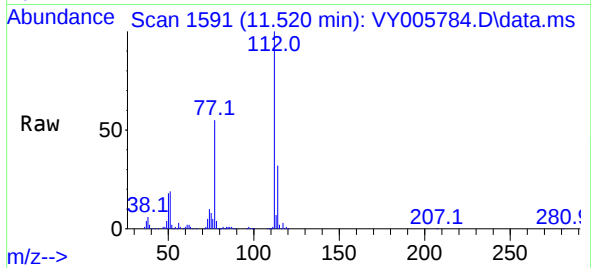


Tgt Ion:164 Resp: 112715
Ion Ratio Lower Upper
164 100
166 125.5 99.8 149.8
129 83.5 70.1 105.1
131 79.7 67.4 101.0

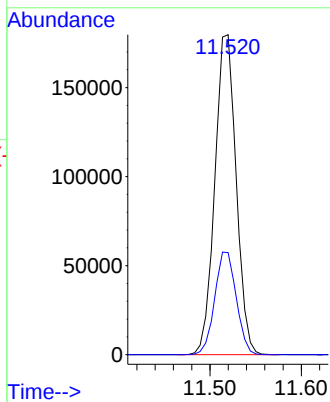
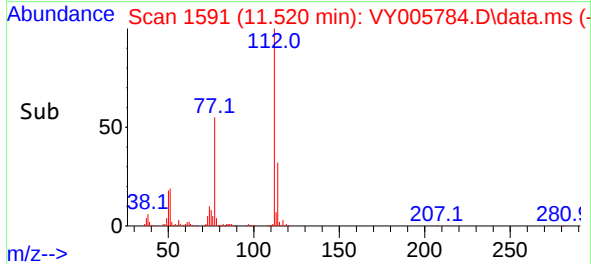




#65
Chlorobenzene
Concen: 51.366 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



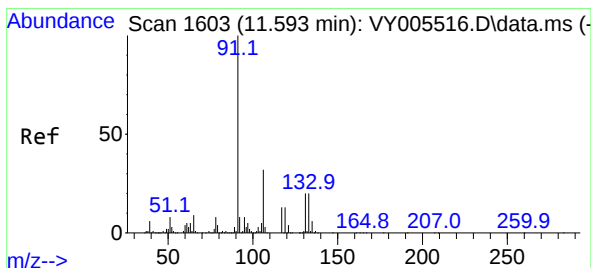
Tgt Ion:112 Resp: 291646
Ion Ratio Lower Upper
112 100
114 31.9 25.2 37.8



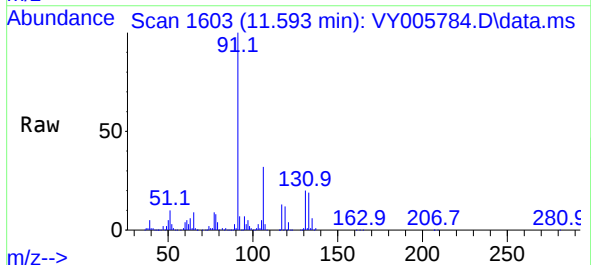
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

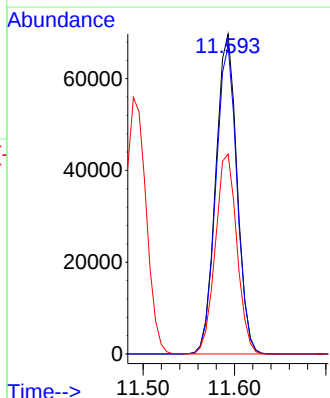
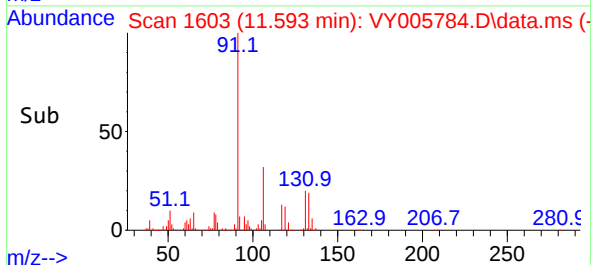
SAM
8/23/2021 11:05:21 AM

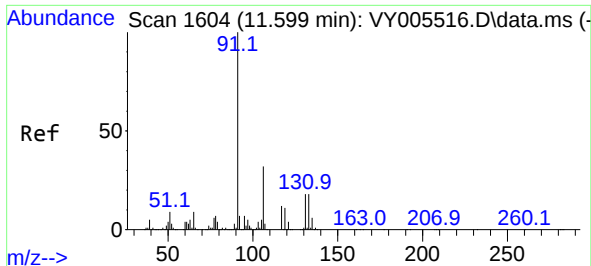


#66
1,1,1,2-Tetrachloroethane
Concen: 52.750 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



Tgt Ion:131 Resp: 112727
Ion Ratio Lower Upper
131 100
133 95.7 48.2 144.6
119 63.4 31.4 94.0





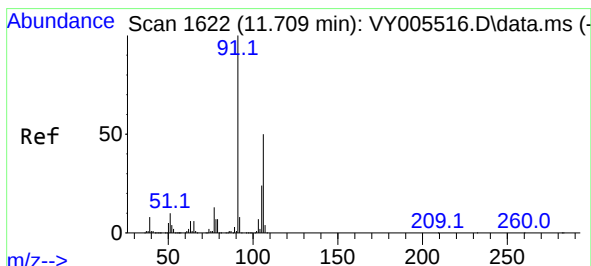
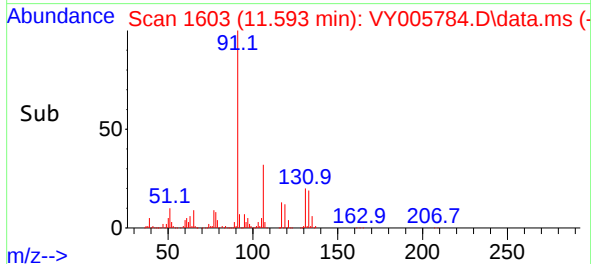
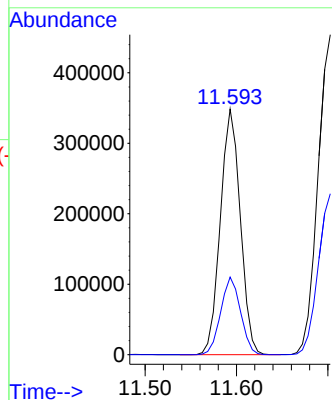
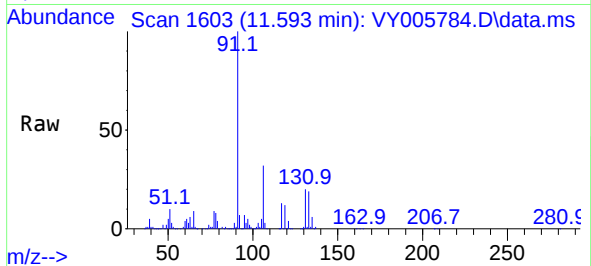
#67
Ethyl Benzene
Concen: 51.412 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 91 Resp: 529321
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

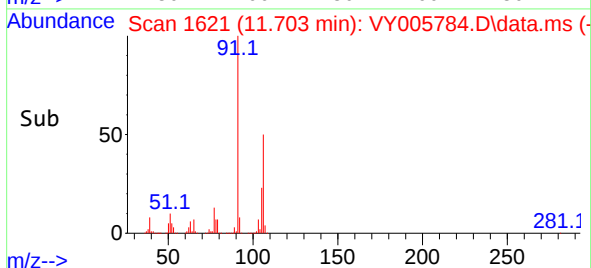
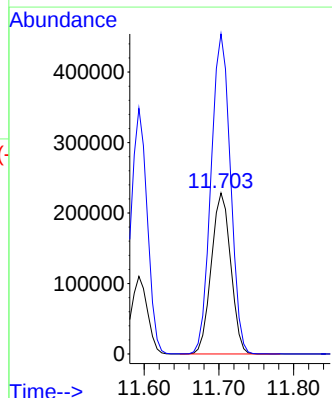
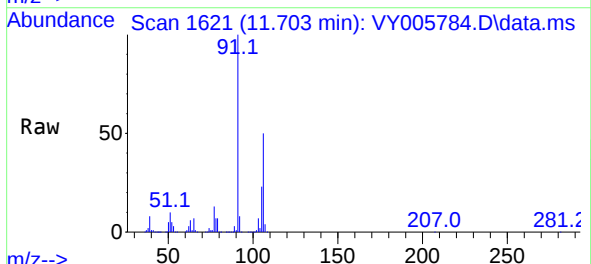
Manual Integrations
APPROVED

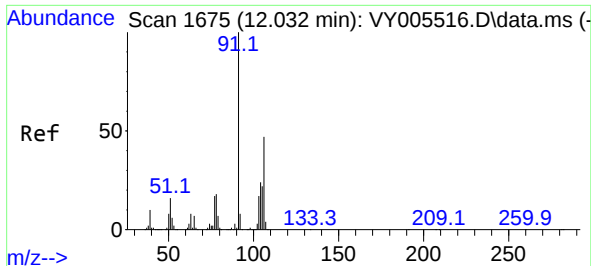
SAM
8/23/2021 11:05:21 AM



#68
m/p-Xylenes
Concen: 103.092 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 106 Resp: 412255
Ion Ratio Lower Upper
106 100
91 199.1 159.6 239.4





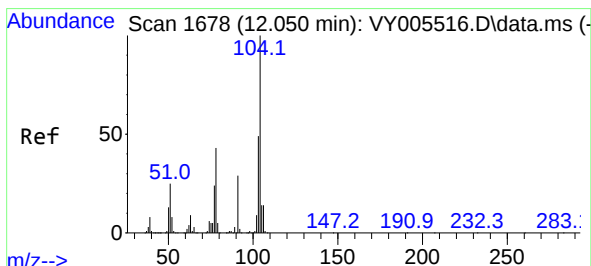
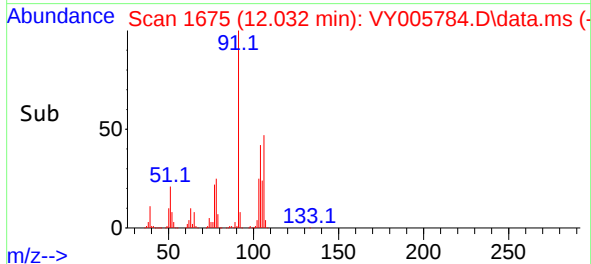
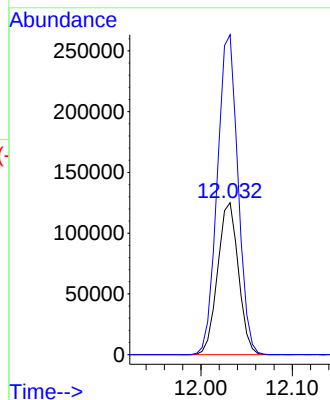
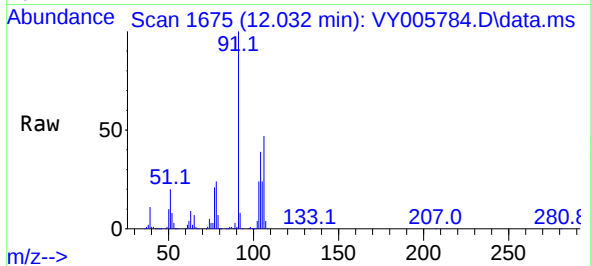
#69
o-Xylene
Concen: 51.422 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:106 Resp: 197638
Ion Ratio Lower Upper
106 100
91 209.9 106.2 318.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

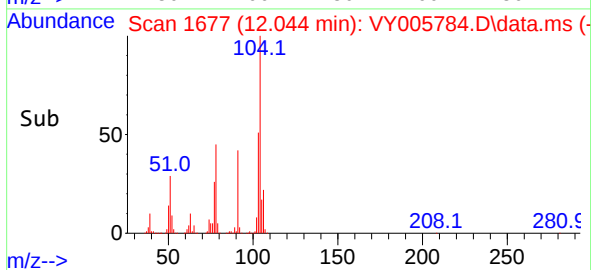
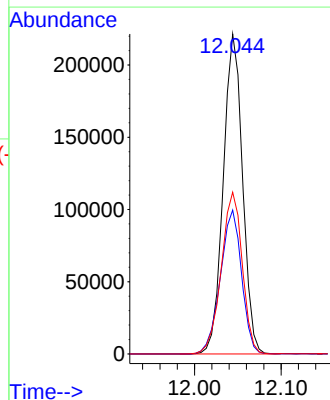
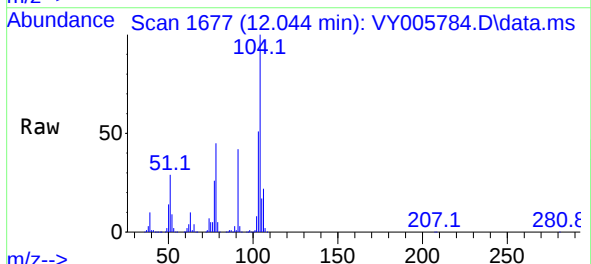
Manual Integrations
APPROVED

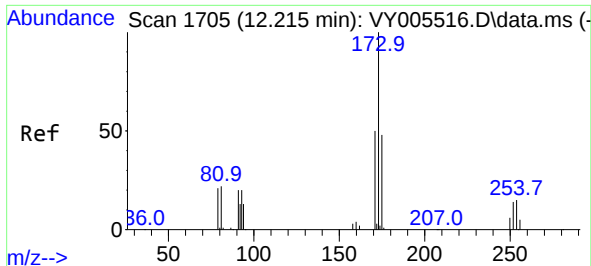
SAM
8/23/2021 11:05:21 AM



#70
Styrene
Concen: 53.002 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:104 Resp: 342897
Ion Ratio Lower Upper
104 100
78 49.4 40.2 60.4
103 54.9 43.8 65.8





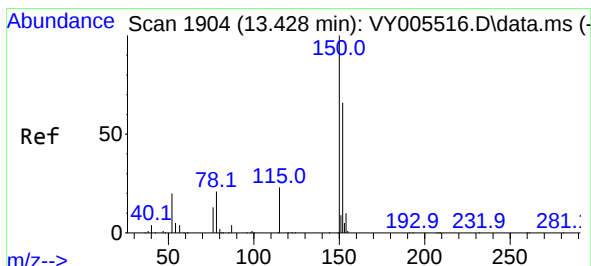
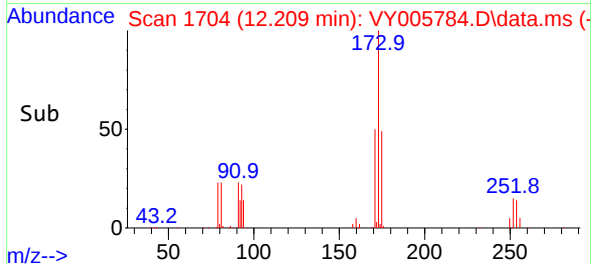
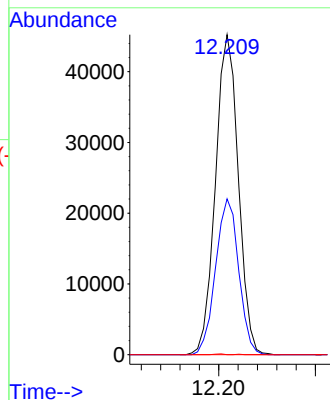
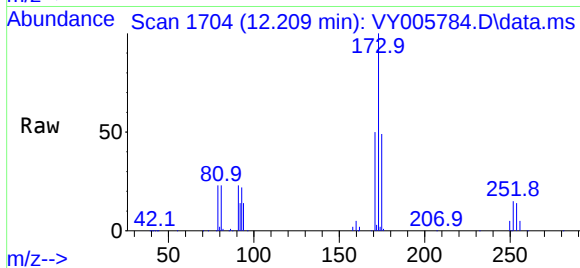
#71
Bromoform
Concen: 53.525 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:173 Resp: 74177
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.9
254 0.1 0.2 0.2#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

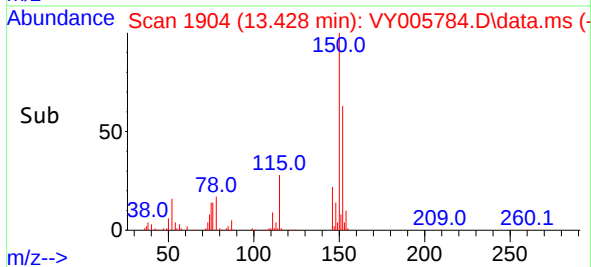
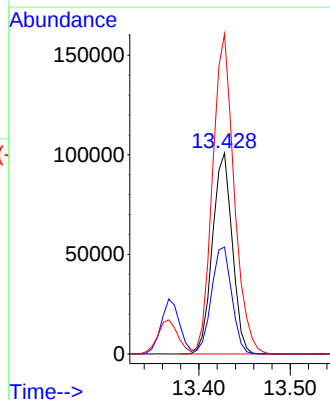
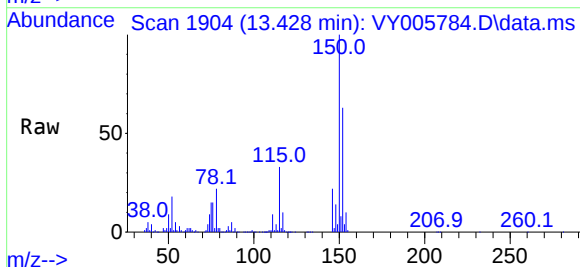
Manual Integrations
APPROVED

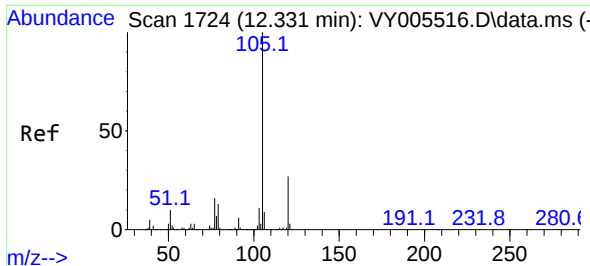
SAM
8/23/2021 11:05:21 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:152 Resp: 152077
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 173.4 0.0 350.2





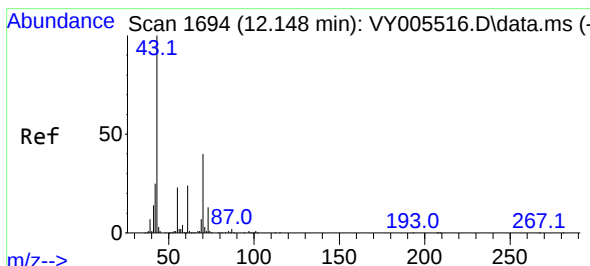
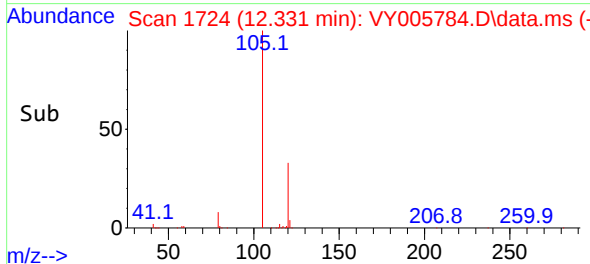
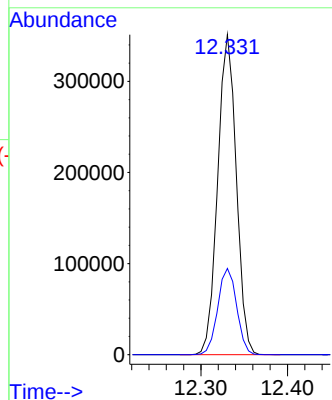
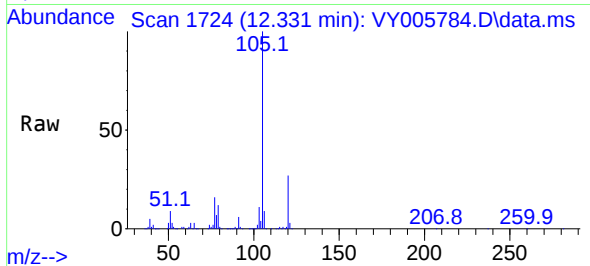
#73
Isopropylbenzene
Concen: 49.355 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 105 Resp: 523927
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

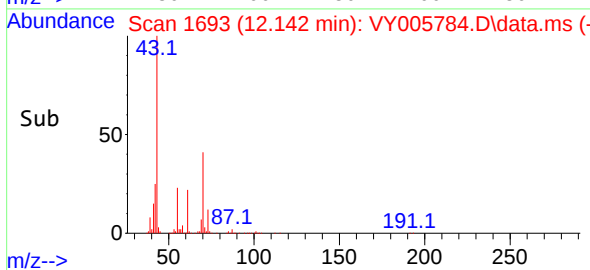
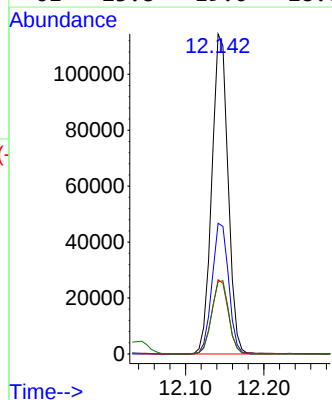
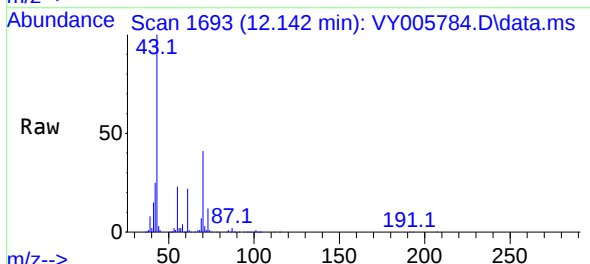
Manual Integrations
APPROVED

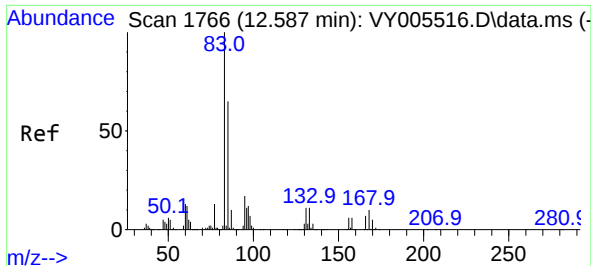
SAM
8/23/2021 11:05:21 AM



#74
N-ethyl acetate
Concen: 51.430 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 43 Resp: 164345
Ion Ratio Lower Upper
43 100
70 41.6 32.9 49.3
55 23.8 18.9 28.3
61 23.8 19.0 28.6





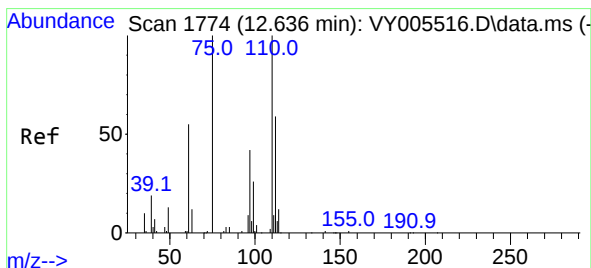
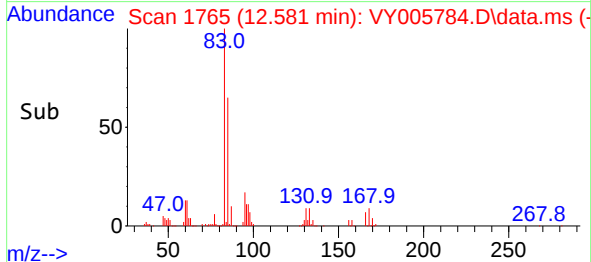
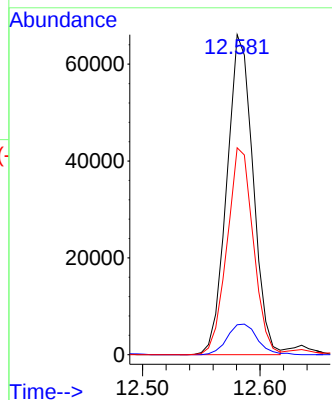
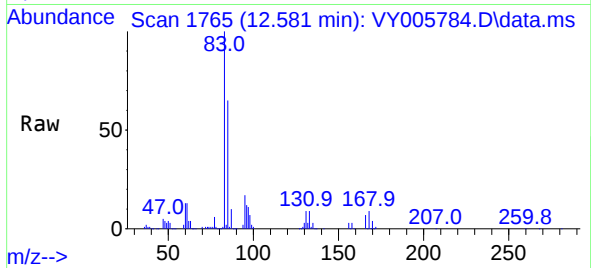
#75
1,1,2,2-Tetrachloroethane
Concen: 50.101 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 83 Resp: 102293
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 65.0 32.0 96.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

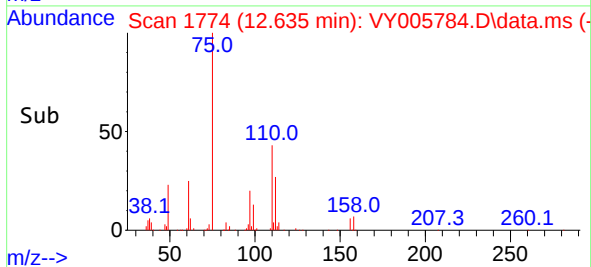
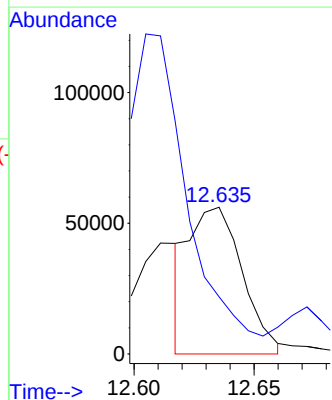
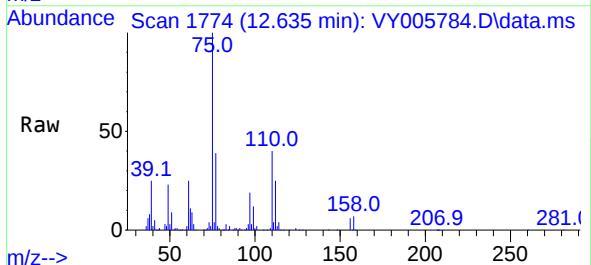
Manual Integrations
APPROVED

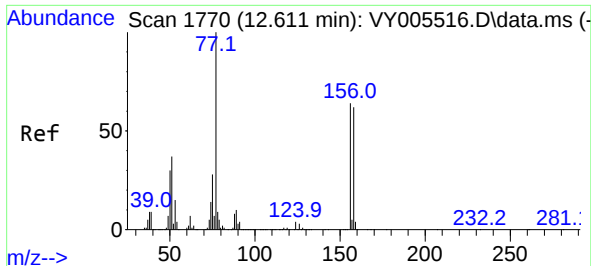
SAM
8/23/2021 11:05:21 AM



#76
1,2,3-Trichloropropane
Concen: 54.474 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 75 Resp: 85849
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.791 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

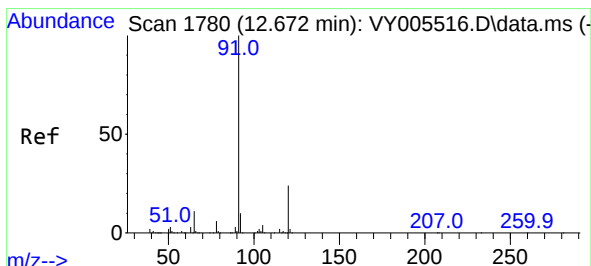
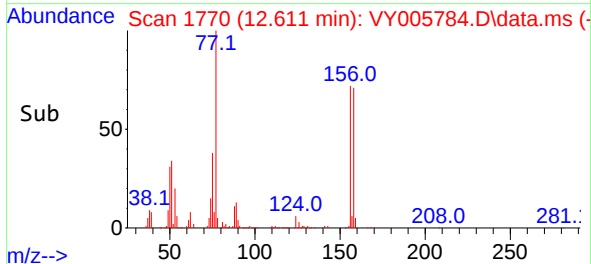
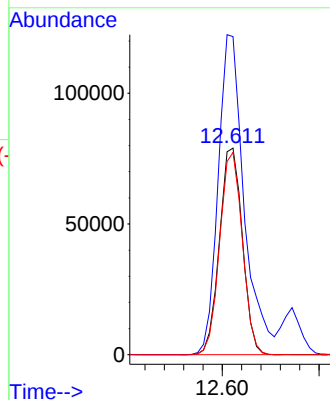
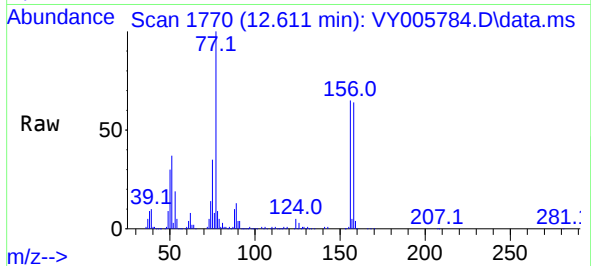
Tgt Ion: 156 Resp: 129857

Ion	Ratio	Lower	Upper
156	100		
77	175.6	85.5	256.5
158	96.6	48.5	145.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

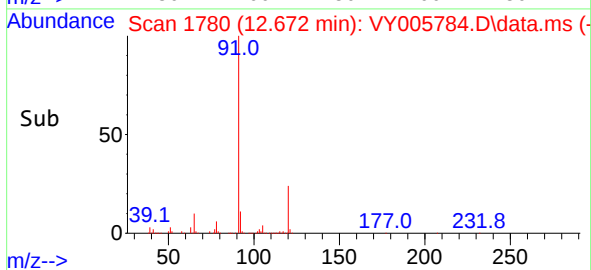
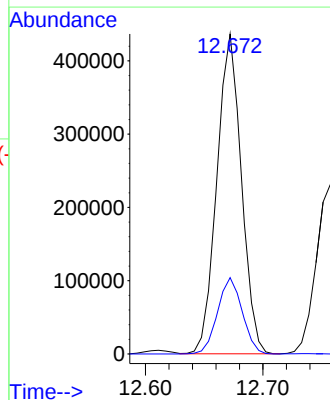
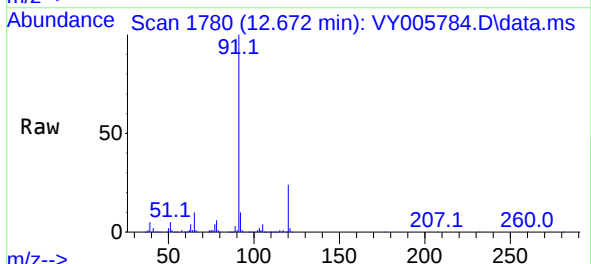
SAM
8/23/2021 11:05:21 AM

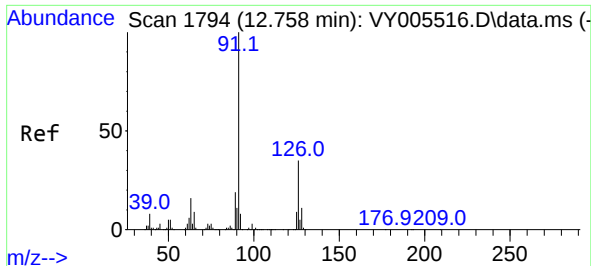


#78
n-propylbenzene
Concen: 50.251 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 91 Resp: 633562

Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.9	35.9





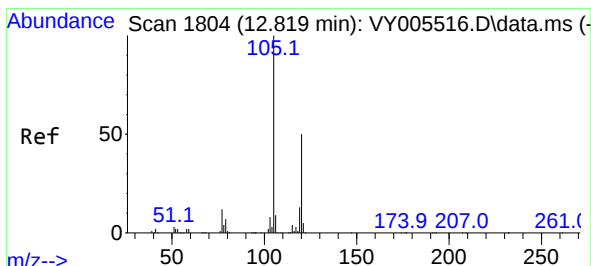
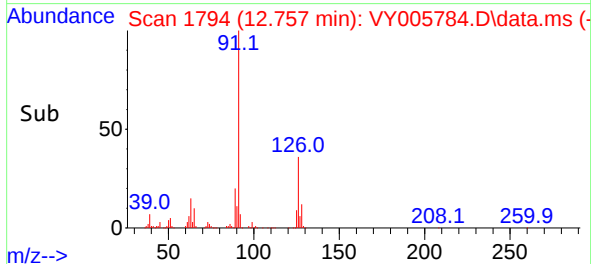
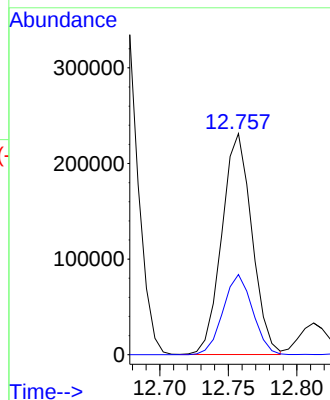
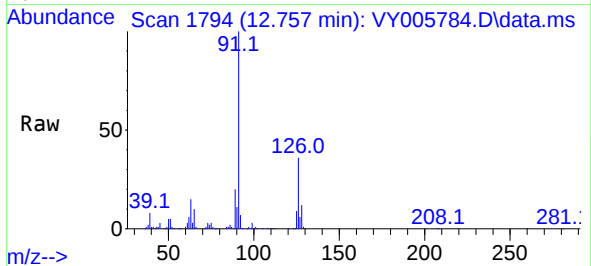
#79
2-Chlorotoluene
Concen: 49.885 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 91 Resp: 353169
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

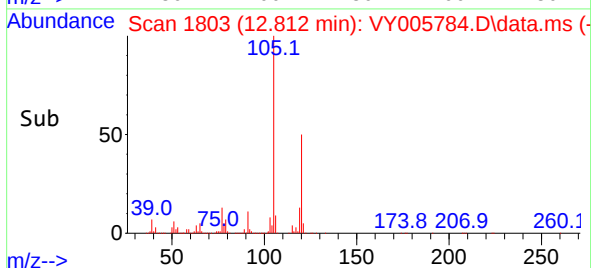
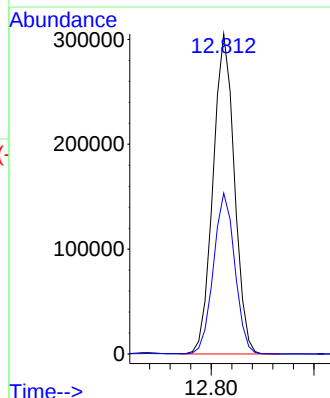
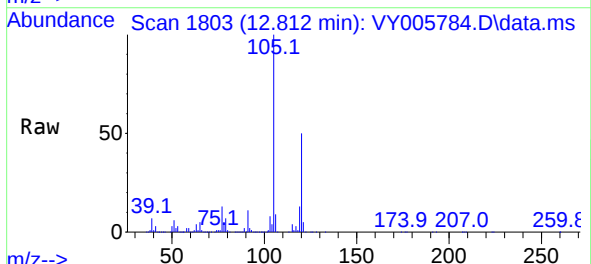
Manual Integrations
APPROVED

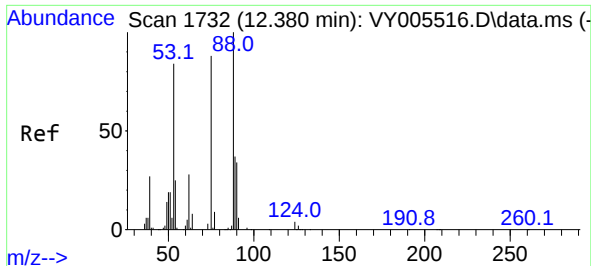
SAM
8/23/2021 11:05:21 AM



#80
1,3,5-Trimethylbenzene
Concen: 49.923 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 105 Resp: 439806
Ion Ratio Lower Upper
105 100
120 50.3 25.0 75.0





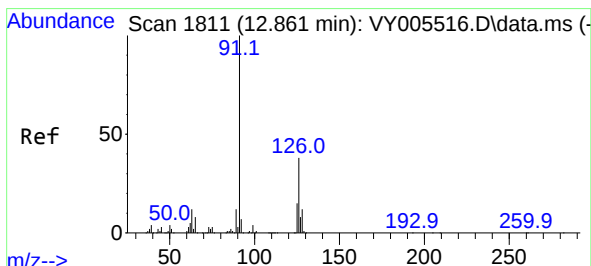
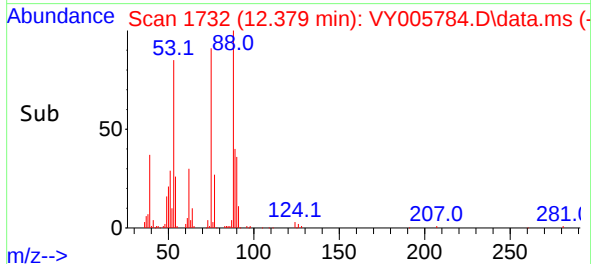
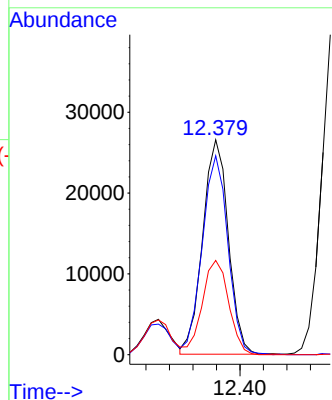
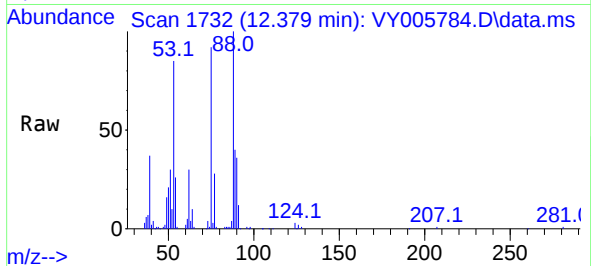
#81
trans-1,4-Dichloro-2-butene
Concen: 51.462 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 75 Resp: 40232
Ion Ratio Lower Upper
75 100
53 93.2 76.7 115.1
89 45.5 38.4 57.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

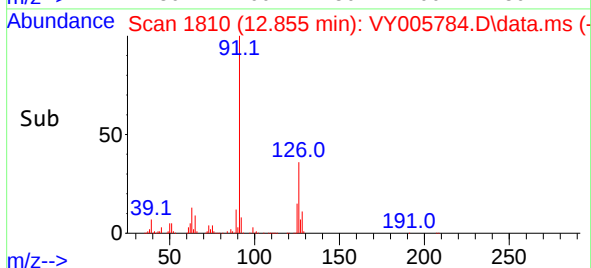
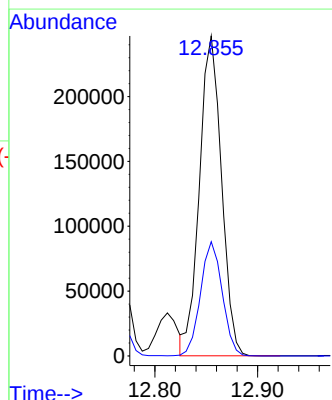
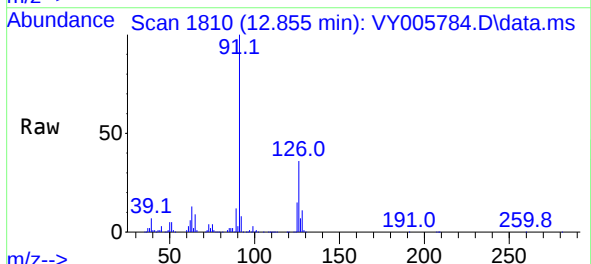
Manual Integrations
APPROVED

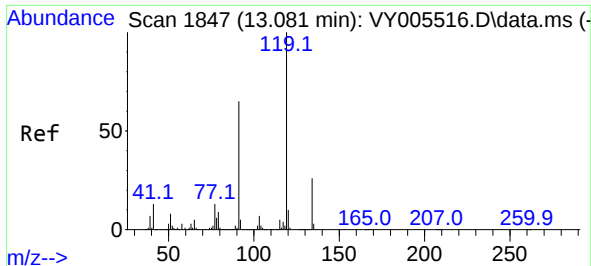
SAM
8/23/2021 11:05:21 AM



#82
4-Chlorotoluene
Concen: 50.199 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 91 Resp: 367718
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.5





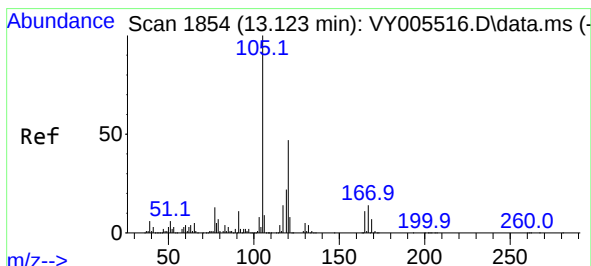
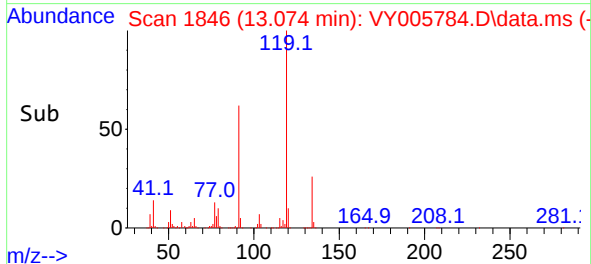
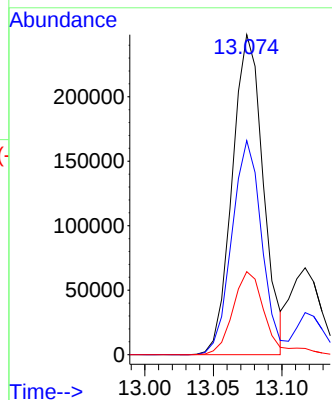
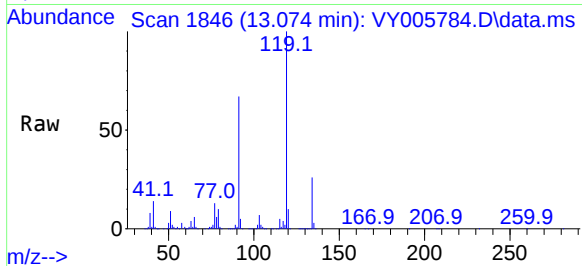
#83
tert-Butylbenzene
Concen: 49.426 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:119 Resp: 390716
Ion Ratio Lower Upper
119 100
91 65.2 31.9 95.9
134 27.0 13.4 40.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

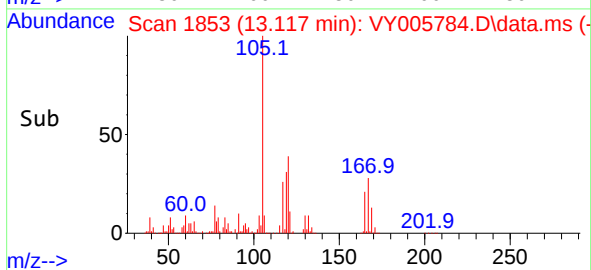
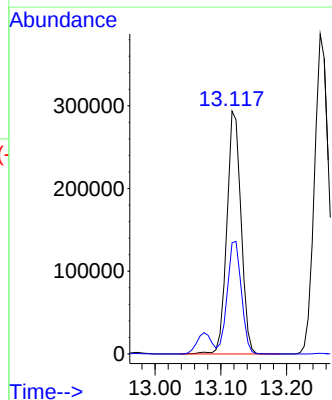
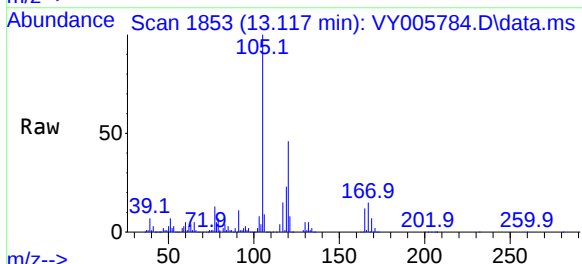
Manual Integrations
APPROVED

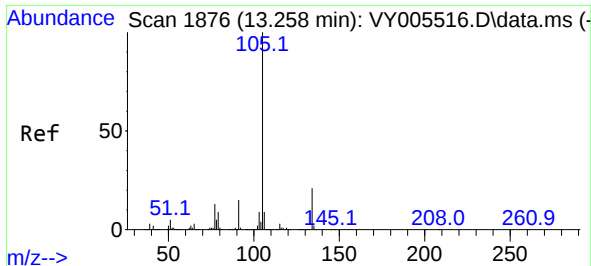
SAM
8/23/2021 11:05:21 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.524 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:105 Resp: 439188
Ion Ratio Lower Upper
105 100
120 46.4 22.9 68.5





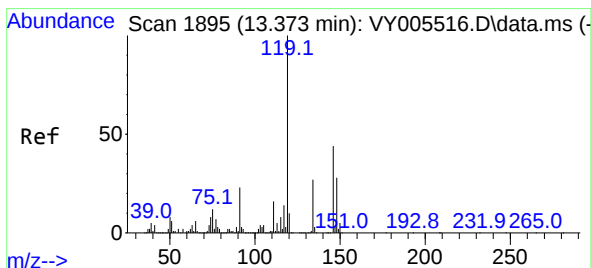
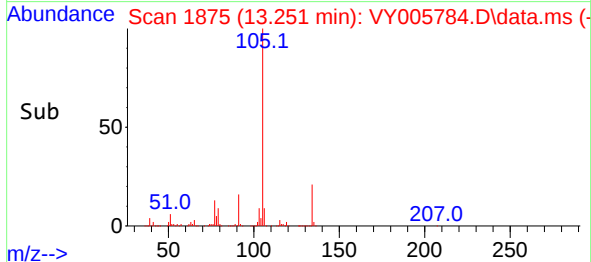
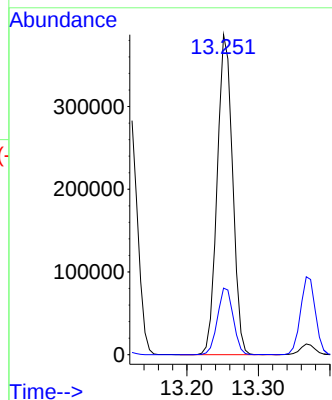
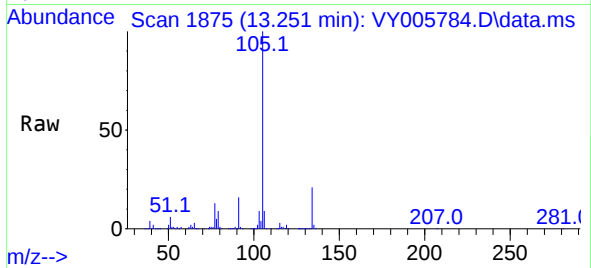
#85
 sec-Butylbenzene
 Concen: 50.621 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY005784.D
 Acq: 20 Aug 2021 11:16

Tgt Ion:105 Resp: 577184
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.5 31.5

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

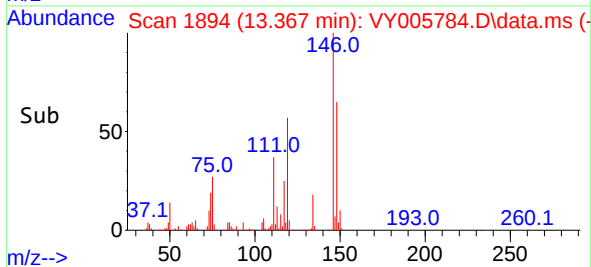
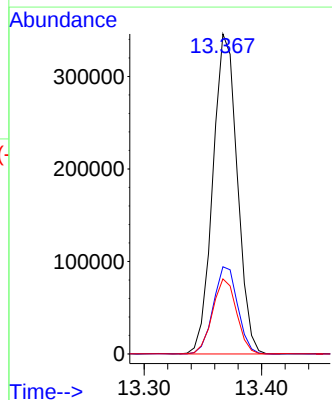
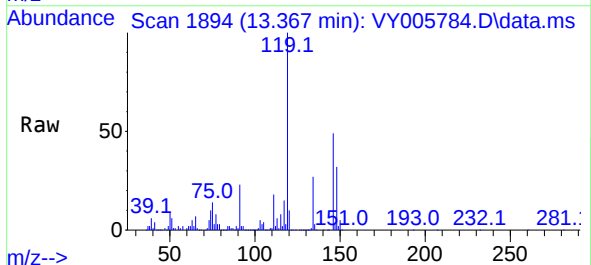
Manual Integrations
 APPROVED

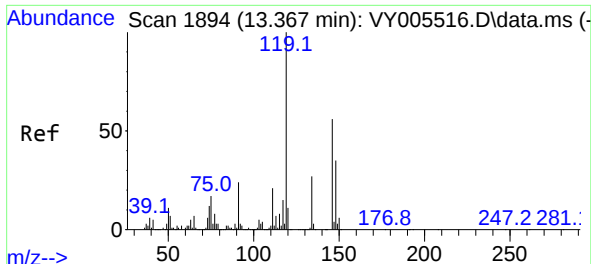
SAM
 8/23/2021 11:05:21 AM



#86
 p-Isopropyltoluene
 Concen: 50.934 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY005784.D
 Acq: 20 Aug 2021 11:16

Tgt Ion:119 Resp: 498602
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 23.1 11.6 34.7





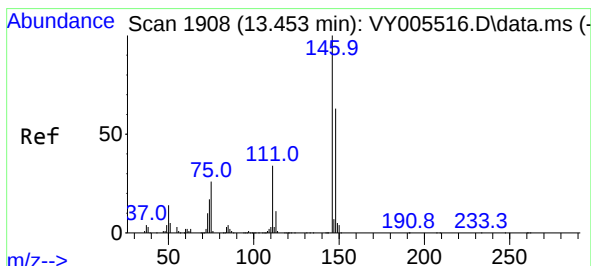
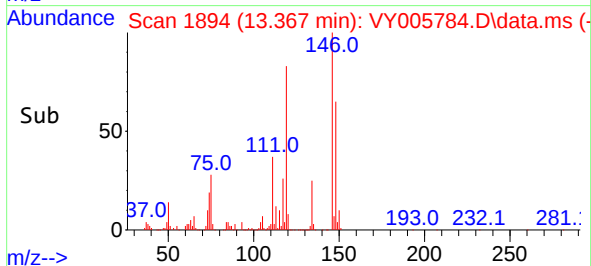
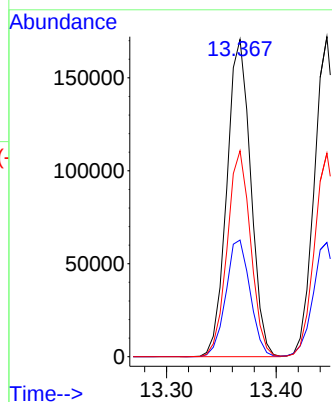
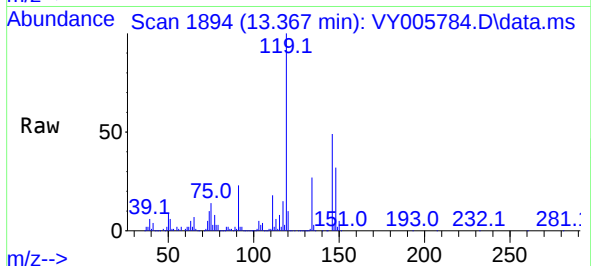
#87
1,3-Dichlorobenzene
Concen: 50.771 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:146 Resp: 258372
Ion Ratio Lower Upper
146 100
111 37.5 18.6 56.0
148 63.8 31.7 95.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

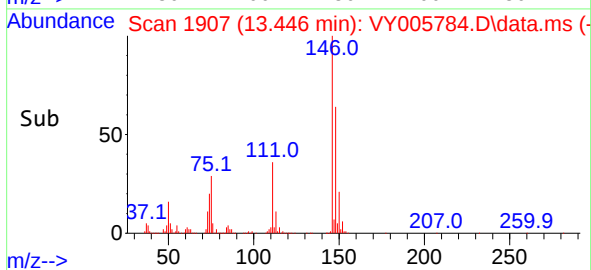
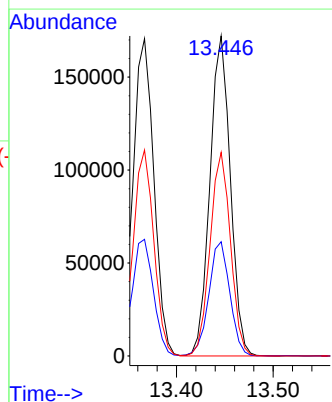
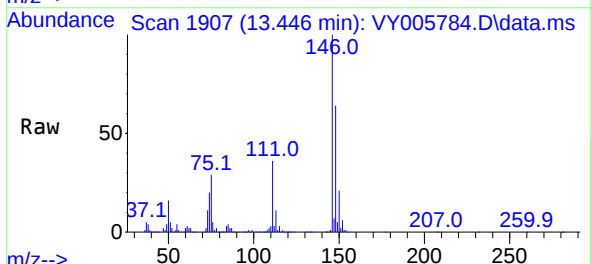
Manual Integrations
APPROVED

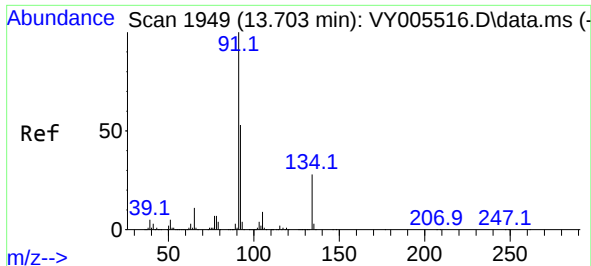
SAM
8/23/2021 11:05:21 AM



#88
1,4-Dichlorobenzene
Concen: 50.041 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:146 Resp: 252625
Ion Ratio Lower Upper
146 100
111 36.8 18.1 54.3
148 63.7 31.8 95.3





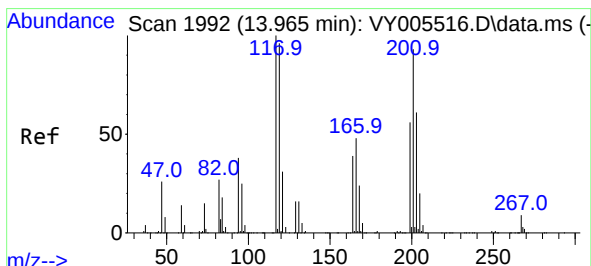
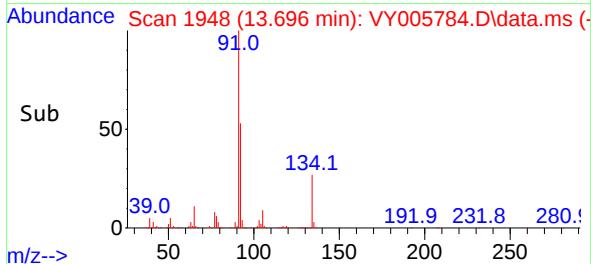
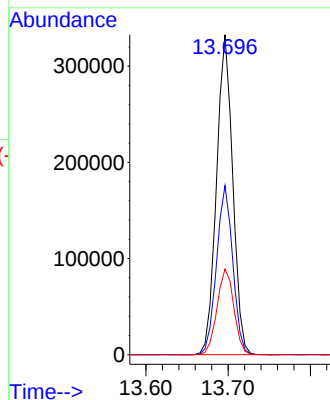
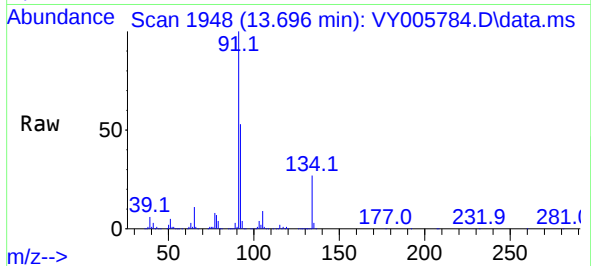
#89
n-Butylbenzene
Concen: 51.347 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 91 Resp: 455377
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.1
134 27.8 13.8 41.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

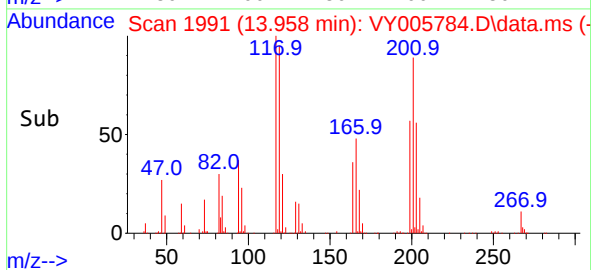
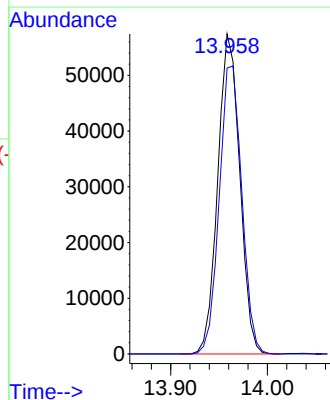
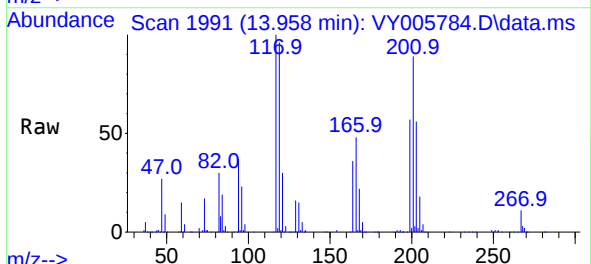
Manual Integrations
APPROVED

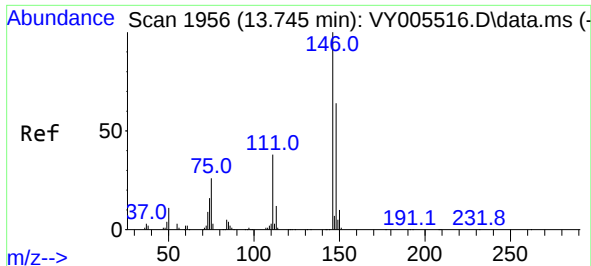
SAM
8/23/2021 11:05:21 AM



#90
Hexachloroethane
Concen: 51.428 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion: 117 Resp: 90514
Ion Ratio Lower Upper
117 100
201 92.2 46.7 140.1





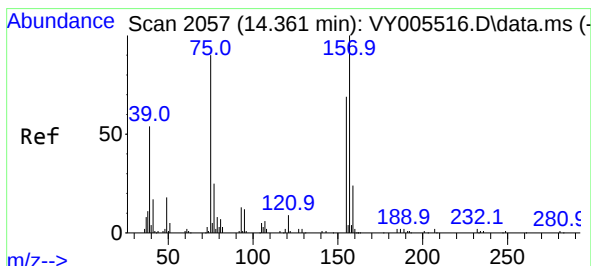
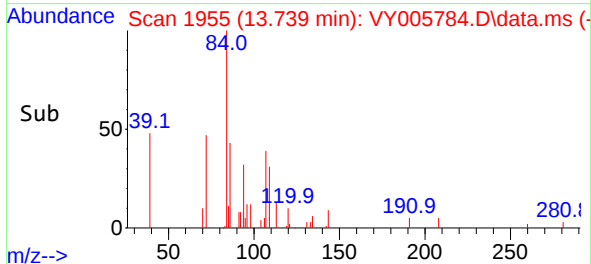
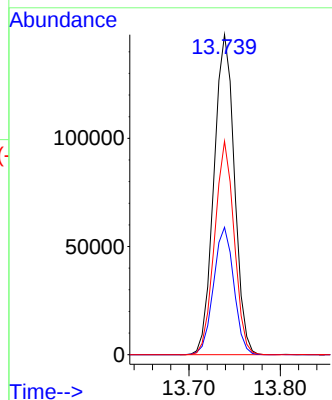
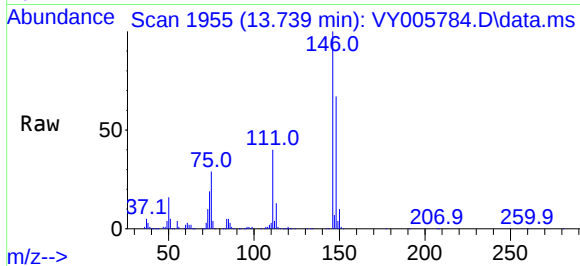
#91
1,2-Dichlorobenzene
Concen: 51.257 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:146 Resp: 230403
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 63.7 31.9 95.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

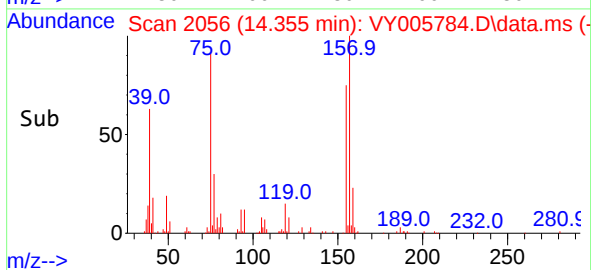
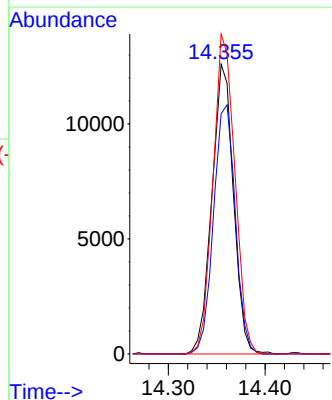
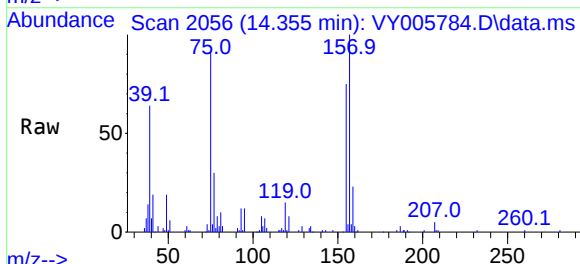
Manual Integrations
APPROVED

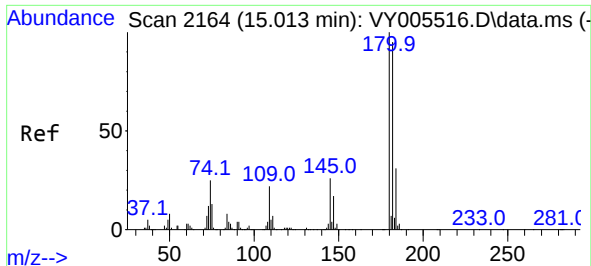
SAM
8/23/2021 11:05:21 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.466 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

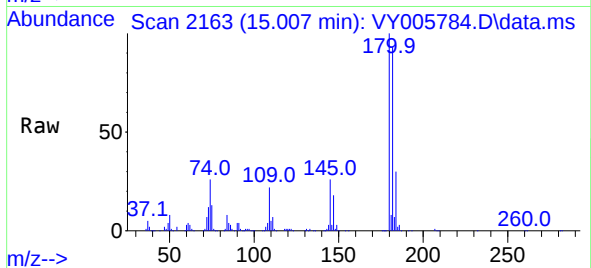
Tgt Ion: 75 Resp: 19533
Ion Ratio Lower Upper
75 100
155 86.6 42.4 127.1
157 111.7 56.0 168.2





#93
1,2,4-Trichlorobenzene
Concen: 52.012 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

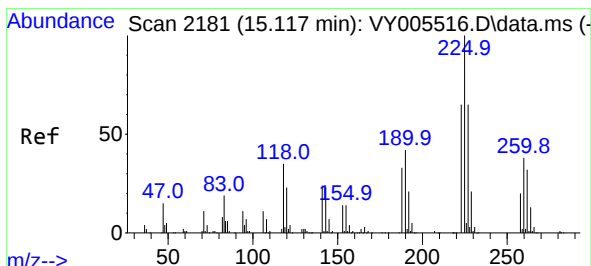
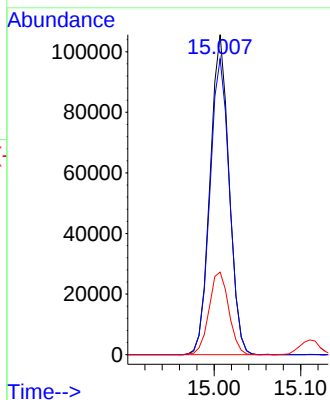
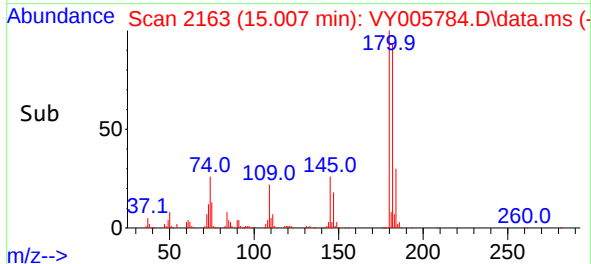
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



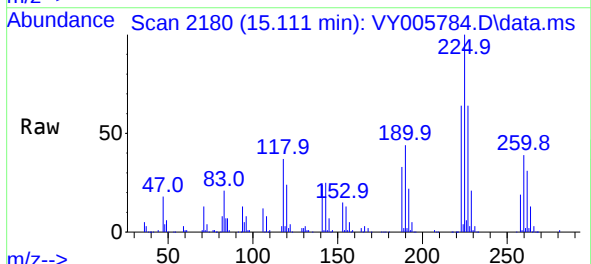
Tgt Ion:180 Resp: 160602
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.4
145 26.9 14.0 42.0

Manual Integrations
APPROVED

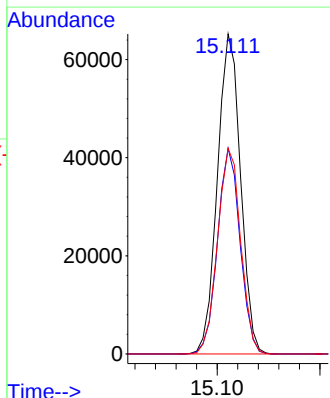
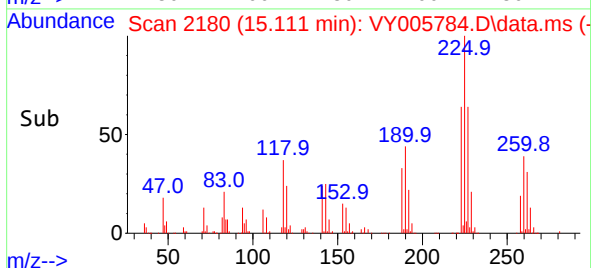
SAM
8/23/2021 11:05:21 AM

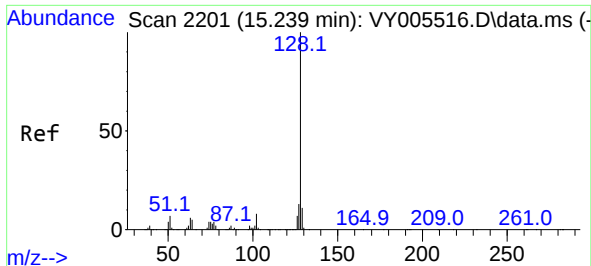


#94
Hexachlorobutadiene
Concen: 50.885 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16



Tgt Ion:225 Resp: 101734
Ion Ratio Lower Upper
225 100
223 62.6 31.4 94.0
227 64.2 32.2 96.6





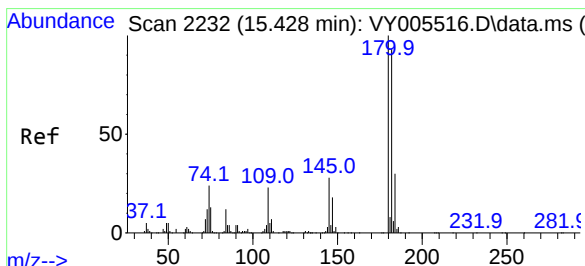
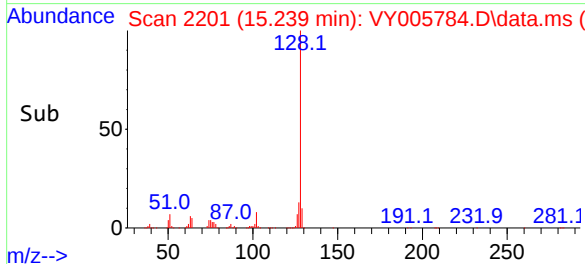
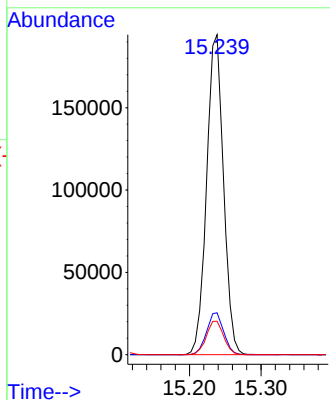
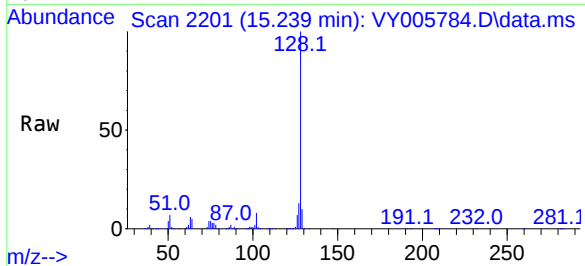
#95
Naphthalene
Concen: 52.323 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:	128	Resp:	318479
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.8	8.7	13.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

SAM
8/23/2021 11:05:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.478 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY005784.D
Acq: 20 Aug 2021 11:16

Tgt Ion:	180	Resp:	143558
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.6
145	28.8	14.6	44.0

