

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031221\
 Data File : VX021173.D
 Acq On : 12 Mar 2021 10:39
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 3:18:39 PM

Quant Time: Mar 12 11:50:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 11:46:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.982	128	13657	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	75548	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	68819	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.035	65	38144	37.54	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 125.13%#			
60) 4-Bromofluorobenzene	11.118	95	38593	33.12	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 110.40%			
63) Toluene-d8	8.694	98	93600	29.82	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.40%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	8288	10.79	ug/l	97
3) Chloromethane	1.311	50	8469	10.33	ug/l	95
4) Vinyl Chloride	1.393	62	8530	9.14	ug/l	99
5) Bromomethane	1.628	94	5306	13.27	ug/l	98
6) Chloroethane	1.711	64	5253	8.93	ug/l	99
7) Trichlorofluoromethane	1.917	101	13256	10.56	ug/l	94
8) Diethyl Ether	2.170	74	4462	8.34	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.370	101	6969	9.27	ug/l	95
10) 1,1-Dichloroethene	2.358	96	6521	8.51	ug/l #	79
11) Methyl Iodide	2.493	142	7783	7.92	ug/l	83
12) Methyl Acetate	2.746	43	11805	12.47	ug/l	92
13) Acrolein	2.270	56	7106	54.73	ug/l	93
14) Acrylonitrile	3.111	53	21317	48.34	ug/l	97
15) Acetone	2.417	58	6383	50.51	ug/l	75
16) Carbon Disulfide	2.552	76	19785	9.06	ug/l	99
17) Allyl chloride	2.711	41	14815	11.48	ug/l	88
18) Methylene Chloride	2.834	84	8348	9.45	ug/l #	87
19) trans-1,2-Dichloroethene	3.146	96	7435	8.70	ug/l	91
20) Diisopropyl ether	3.823	45	27297	10.47	ug/l	88
21) 1,1-Dichloroethane	3.670	63	15334	10.17	ug/l	98
22) cis-1,2-Dichloroethene	4.564	96	8728	8.90	ug/l	86
23) tert-Butyl Alcohol	3.011	59	10146	50.86	ug/l #	100
24) Methyl tert-Butyl Ether	3.164	73	25887	9.41	ug/l #	85
25) Chloroform	5.176	83	15595	10.05	ug/l	97
26) Cyclohexane	5.552	56	13044	9.62	ug/l #	91
29) 1,1-Dichloropropene	5.764	75	11213	9.64	ug/l	97
30) 2-Butanone	4.635	43	32442	54.67	ug/l	92
31) 2,2-Dichloropropane	4.558	77	12529	9.38	ug/l	95
32) 1,1,1-Trichloroethane	5.464	97	13546	10.18	ug/l	94
33) Carbon Tetrachloride	5.747	117	11944m	10.31	ug/l	
34) Benzene	6.117	78	32206	9.27	ug/l	99
35) Methacrylonitrile	4.999	41	6924m	10.69	ug/l	
36) 1,2-Dichloroethane	6.158	62	14285	11.51	ug/l #	92
37) Trichloroethene	7.188	130	8550	9.19	ug/l	94
38) Methylcyclohexane	7.441	83	12208	8.49	ug/l	89
39) 1,2-Dichloropropane	7.488	63	8883	10.10	ug/l	97
40) Dibromomethane	7.635	93	6213	10.24	ug/l	88
41) Bromodichloromethane	7.876	83	12732	10.04	ug/l	97
42) Vinyl Acetate	3.782	43	115911m	52.22	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031221\
 Data File : VX021173.D
 Acq On : 12 Mar 2021 10:39
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

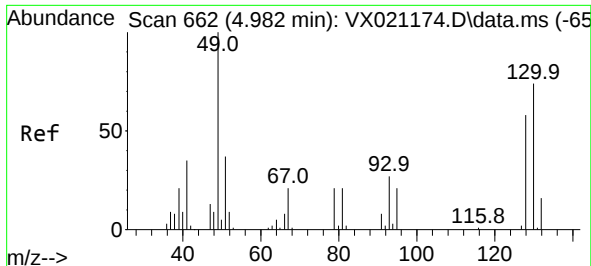
Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 3:18:39 PM

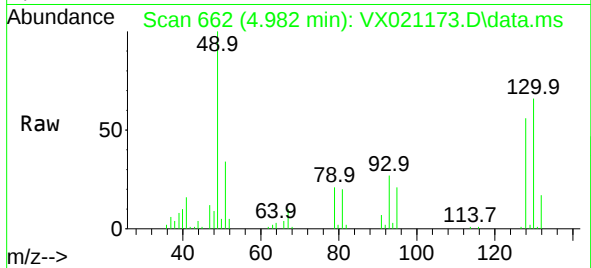
Quant Time: Mar 12 11:50:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 11:46:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.793	43	13198	11.53	ug/l #	89
44) Isopropyl Acetate	6.411	43	20617	10.71	ug/l	91
45) 1,4-Dioxane	7.711	88	4028	187.70	ug/l #	85
46) Methyl methacrylate	7.747	41	10908	11.21	ug/l	81
47) n-amyl Acetate	10.882	43	17216	10.64	ug/l	93
48) t-1,3-Dichloropropene	9.023	75	12493	9.00	ug/l	95
49) cis-1,3-Dichloropropene	8.417	75	13297	8.83	ug/l #	86
50) 1,1,2-Trichloroethane	9.194	97	8270	9.50	ug/l	96
51) Ethyl methacrylate	9.159	69	12511m	9.08	ug/l	
52) 1,3-Dichloropropane	9.353	76	14305	9.63	ug/l	97
53) Dibromochloromethane	9.565	129	8953	9.50	ug/l	97
54) 1,2-Dibromoethane	9.653	107	8586	9.40	ug/l	100
55) 2-Chloroethyl vinyl ether	8.288	63	34534	51.75	ug/l	98
56) Bromoform	10.841	173	6675	10.13	ug/l	95
58) 4-Methyl-2-Pentanone	8.617	43	63437	54.66	ug/l #	89
59) 2-Hexanone	9.471	43	48474	55.35	ug/l	87
61) Tetrachloroethene	9.318	164	8187	9.90	ug/l	96
62) Toluene	8.765	91	33952	8.87	ug/l	99
64) Chlorobenzene	10.124	112	20907	8.90	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.200	131	7715	8.86	ug/l	97
66) Ethyl Benzene	10.235	91	38547	9.03	ug/l	98
67) m/p-Xylenes	10.341	106	28012	17.72	ug/l	92
68) o-Xylene	10.682	106	13385	8.88	ug/l	90
69) Styrene	10.694	104	22846	8.75	ug/l	94
70) Isopropylbenzene	11.000	105	37205	9.13	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.253	83	12420	9.72	ug/l	99
72) 1,2,3-Trichloropropane	11.277	75	12725m	10.88	ug/l	
73) Bromobenzene	11.241	156	8771	9.15	ug/l	89
74) n-propylbenzene	11.341	91	43846	9.37	ug/l	96
75) 2-Chlorotoluene	11.406	91	27086	9.67	ug/l	96
76) 1,3,5-Trimethylbenzene	11.488	105	31538	9.36	ug/l	95
77) t-1,4-Dichloro-2-butene	11.059	75	3626	7.68	ug/l	73
78) 4-Chlorotoluene	11.494	91	30166	9.35	ug/l	97
79) tert-butylbenzene	11.753	119	28695	8.91	ug/l	89
80) 1,2,4-Trimethylbenzene	11.788	105	30908	9.07	ug/l	98
81) sec-Butylbenzene	11.930	105	34309	8.84	ug/l	97
82) p-Isopropyltoluene	12.047	119	30705	8.74	ug/l	96
83) 1,3-Dichlorobenzene	12.006	146	15871	9.10	ug/l	98
84) 1,4-Dichlorobenzene	12.083	146	15646	9.11	ug/l	97
85) n-Butylbenzene	12.371	91	27841	8.76	ug/l	97
86) Hexachloroethane	12.577	117	5591	8.47	ug/l	87
87) 1,2-Dichlorobenzene	12.377	146	15948	9.66	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.983	75	2865	9.66	ug/l #	79
89) 1,2,4-Trichlorobenzene	13.630	180	8720	8.03	ug/l	98
90) Hexachlorobutadiene	13.765	225	4287	9.73	ug/l	98
91) Naphthalene	13.818	128	28899	7.76	ug/l	99
92) 1,2,3-Trichlorobenzene	14.001	180	8479	7.95	ug/l	97

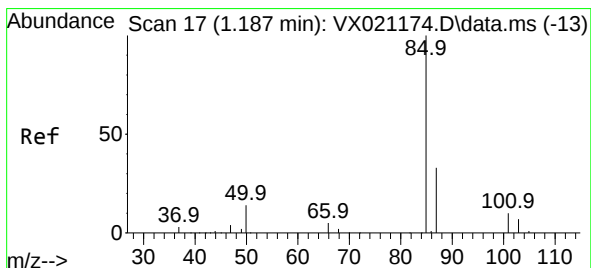
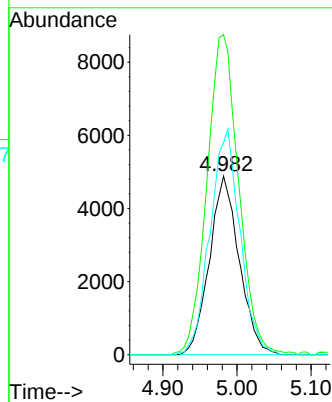
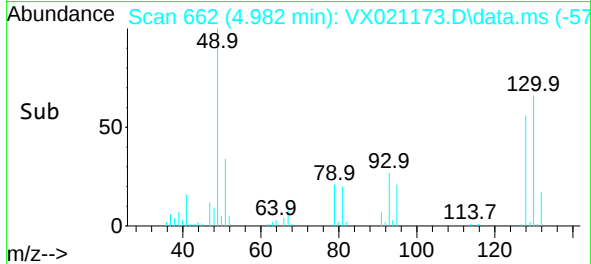
(#) = qualifier out of range (m) = manual integration (+) = signals summed



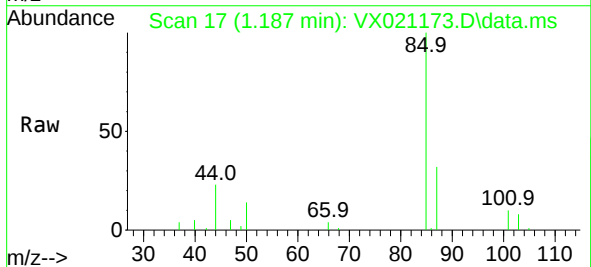
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.982 min Scan# 662
Delta R.T. -0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



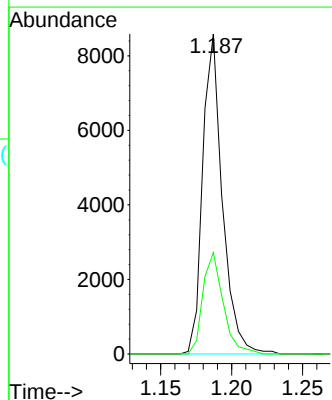
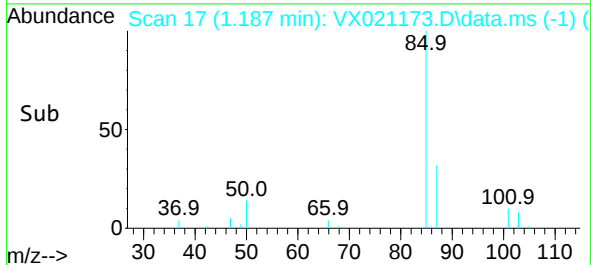
Tgt Ion:128 Resp: 13657
Ion Ratio Lower Upper
128 100
49 190.5 0.0 367.5
130 127.2 0.0 318.8



#2
Dichlorodifluoromethane
Concen: 10.79 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



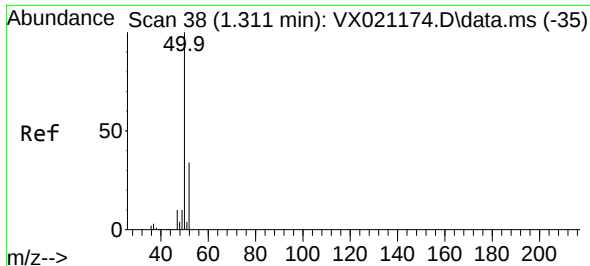
Tgt Ion: 85 Resp: 8288
Ion Ratio Lower Upper
85 100
87 31.7 16.8 50.4



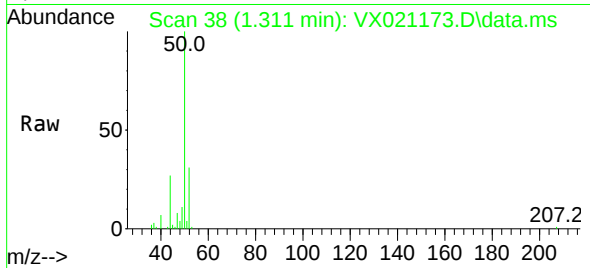
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

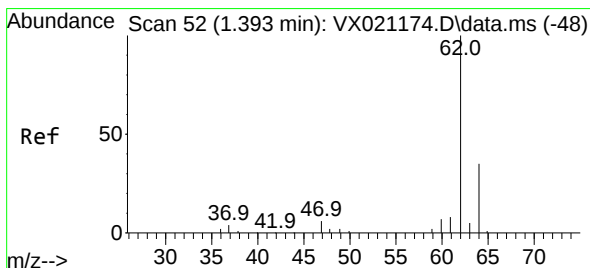
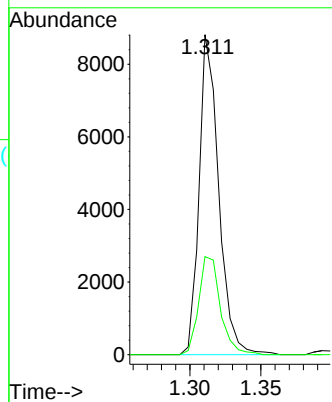
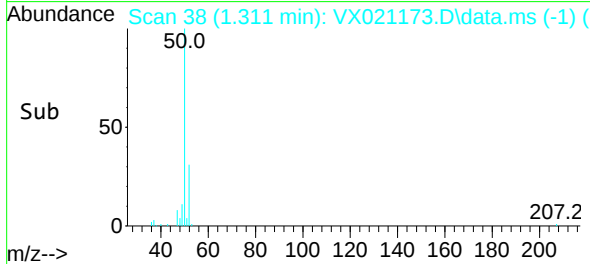
MMDadoda
3/15/2021 3:18:39 PM



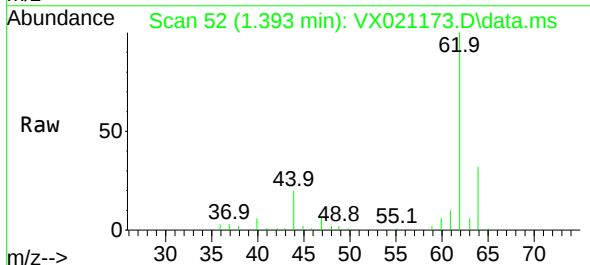
#3
Chloromethane
Concen: 10.33 ug/l
RT: 1.311 min Scan# 38
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



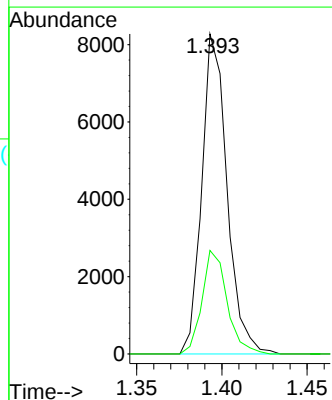
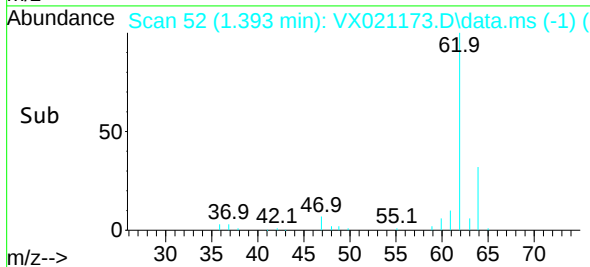
Tgt Ion: 50 Resp: 8469
Ion Ratio Lower Upper
50 100
52 30.7 26.9 40.3



#4
Vinyl Chloride
Concen: 9.14 ug/l
RT: 1.393 min Scan# 52
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



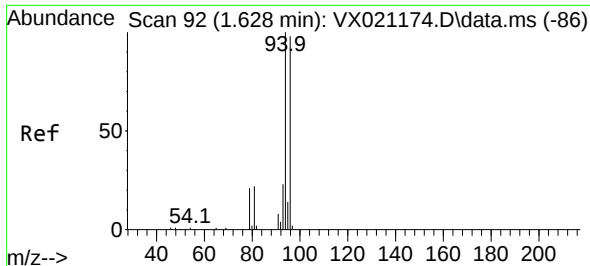
Tgt Ion: 62 Resp: 8530
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.2



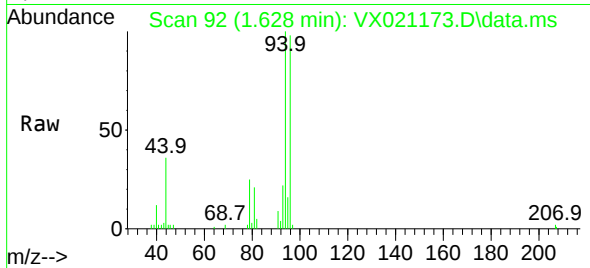
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

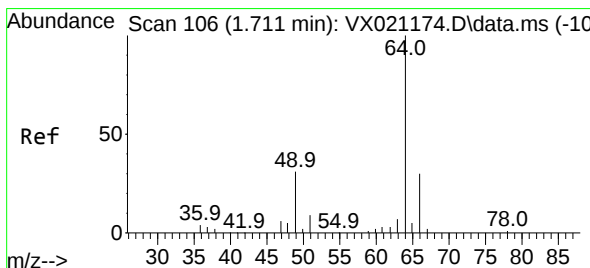
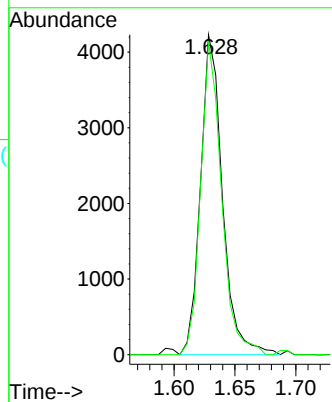
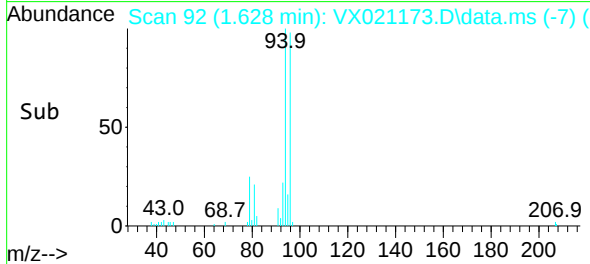
MMDadoda
3/15/2021 3:18:39 PM



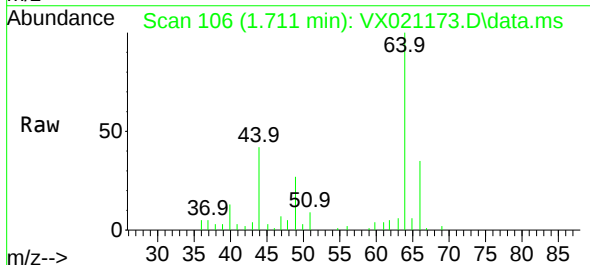
#5
Bromomethane
Concen: 13.27 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



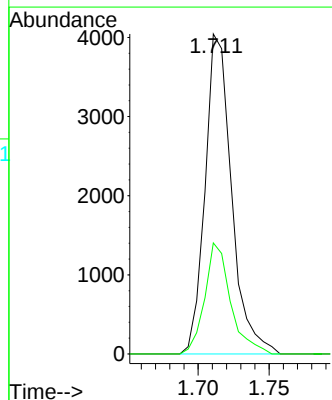
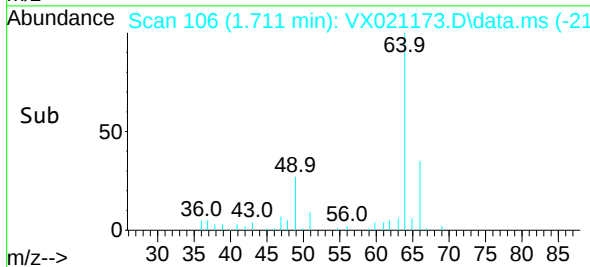
Tgt Ion: 94 Resp: 5306
Ion Ratio Lower Upper
94 100
96 97.8 76.6 114.8



#6
Chloroethane
Concen: 8.93 ug/l
RT: 1.711 min Scan# 106
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



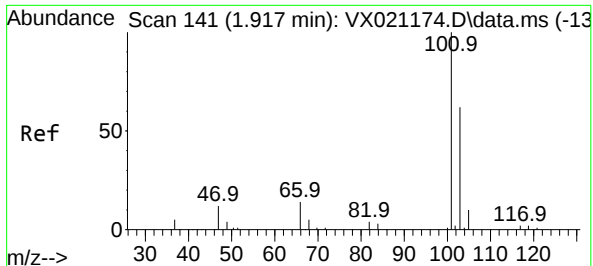
Tgt Ion: 64 Resp: 5253
Ion Ratio Lower Upper
64 100
66 34.7 27.4 41.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
3/15/2021 3:18:39 PM



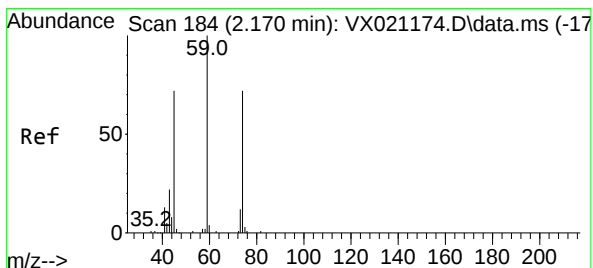
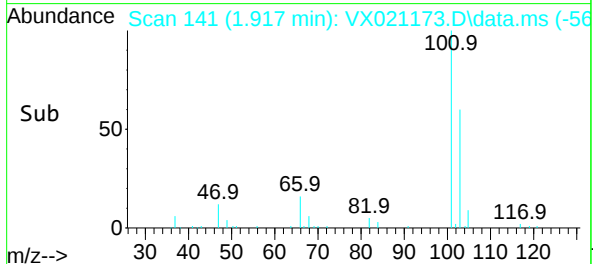
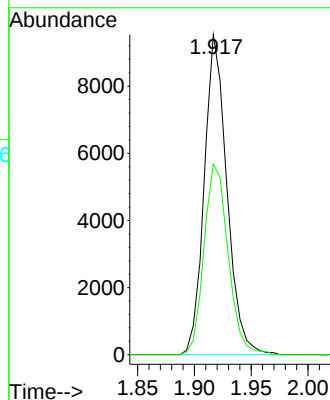
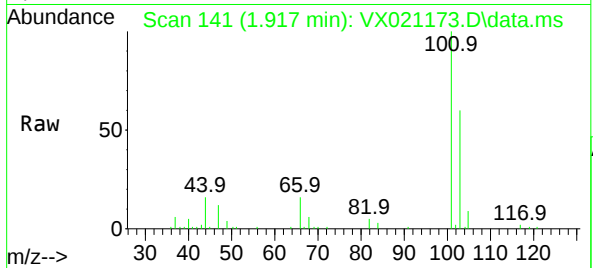
#7
Trichlorofluoromethane
Concen: 10.56 ug/l
RT: 1.917 min Scan# 141
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion:101 Resp: 13256
Ion Ratio Lower Upper
101 100
103 59.6 51.4 77.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

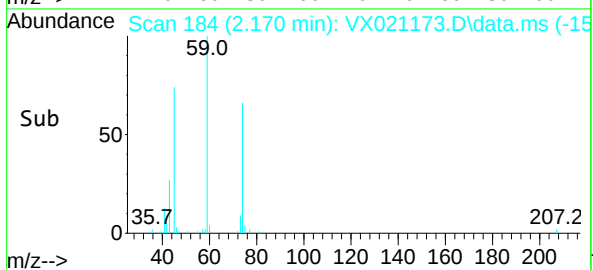
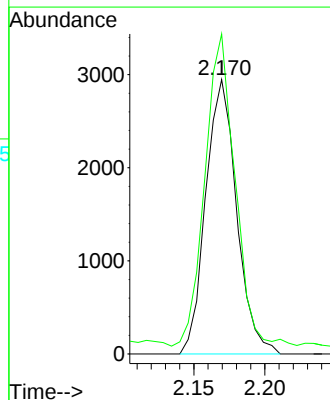
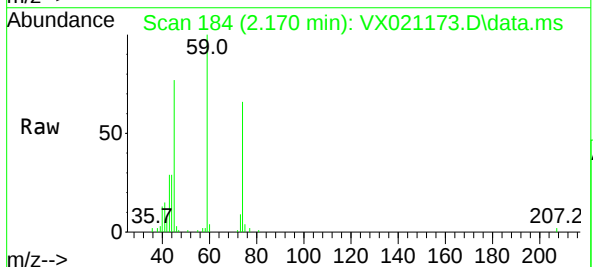
Manual Integrations
APPROVED

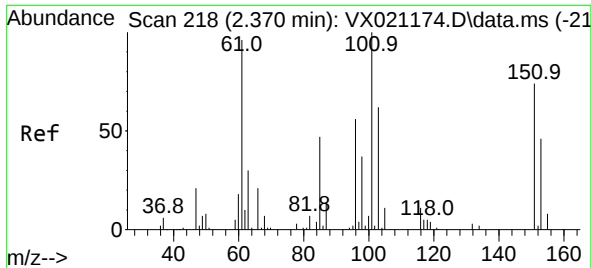
MMDadoda
3/15/2021 3:18:39 PM



#8
Diethyl Ether
Concen: 8.34 ug/l
RT: 2.170 min Scan# 184
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 74 Resp: 4462
Ion Ratio Lower Upper
74 100
45 110.8 17.3 155.7





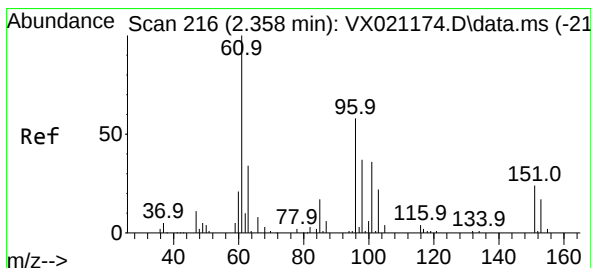
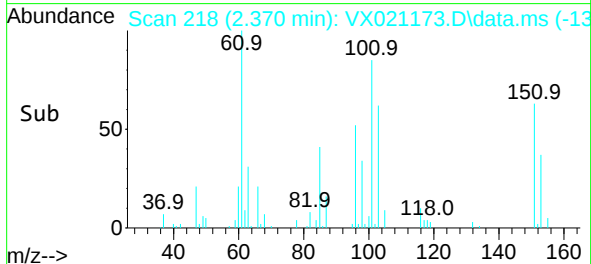
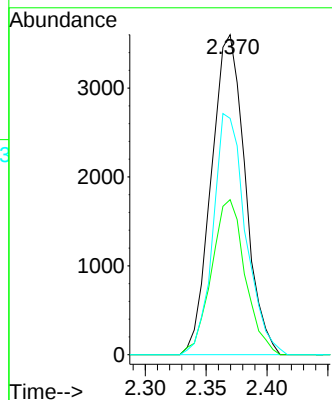
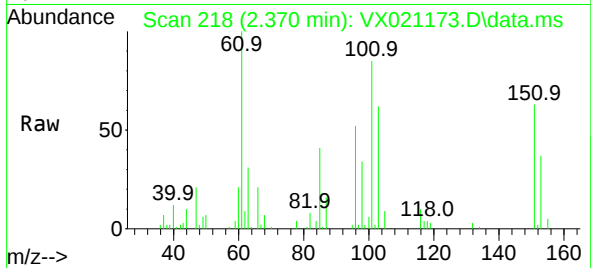
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.27 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 101 Resp: 6969
Ion Ratio Lower Upper
101 100
85 48.1 0.0 88.0
151 72.4 0.0 151.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

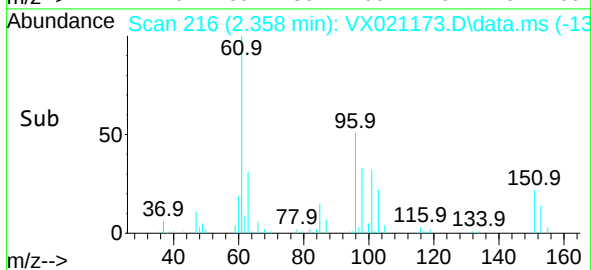
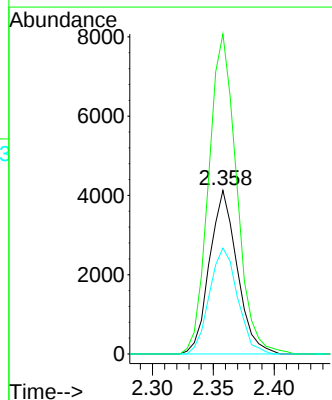
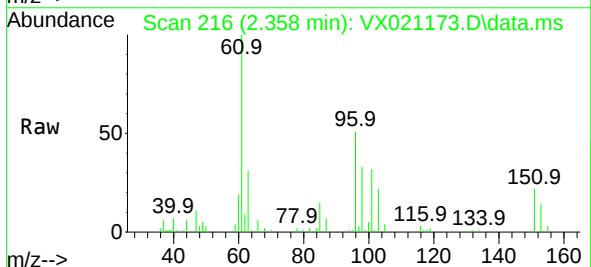
Manual Integrations
APPROVED

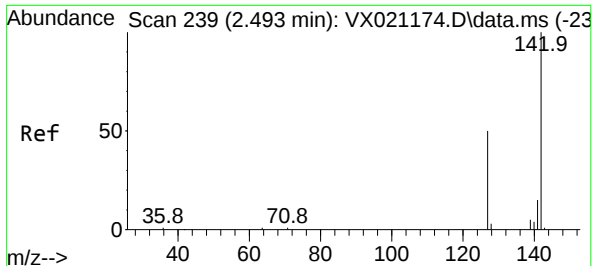
MMDadoda
3/15/2021 3:18:39 PM



#10
1,1-Dichloroethene
Concen: 8.51 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

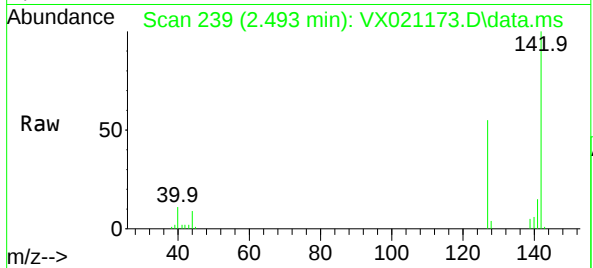
Tgt Ion: 96 Resp: 6521
Ion Ratio Lower Upper
96 100
61 195.6 126.1 189.1#
98 64.8 51.3 76.9





#11
Methyl Iodide
Concen: 7.92 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

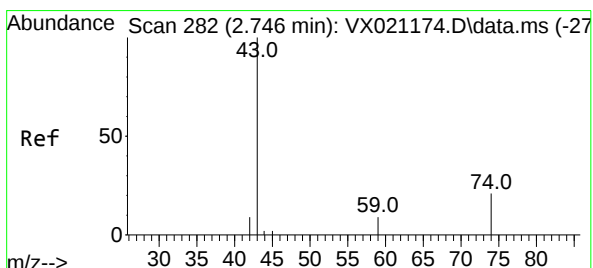
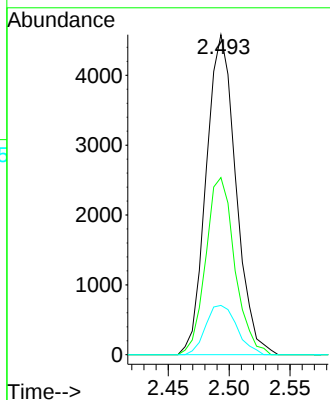
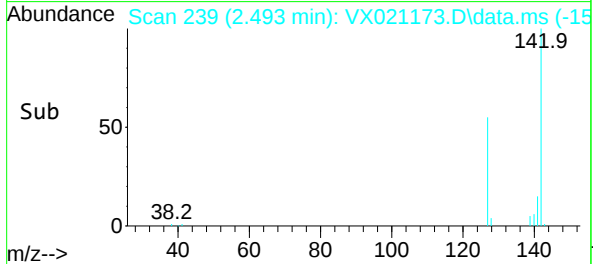
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



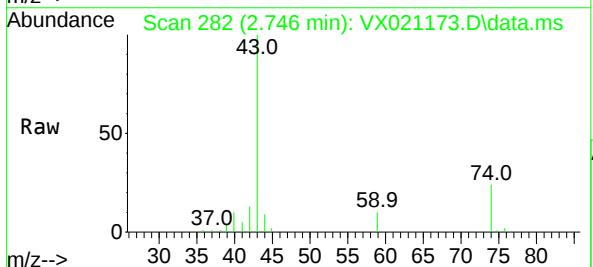
Tgt Ion:142 Resp: 7783
Ion Ratio Lower Upper
142 100
127 55.3 21.4 64.2
141 15.4 6.5 19.4

Manual Integrations
APPROVED

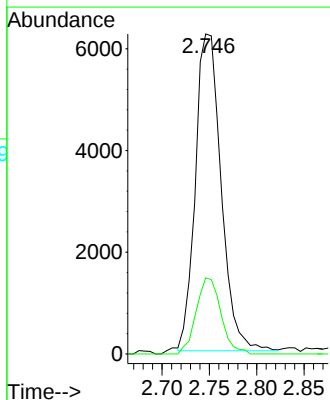
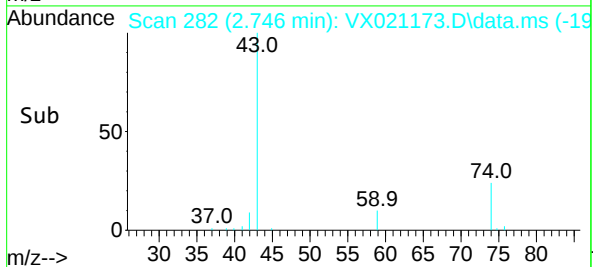
MMDadoda
3/15/2021 3:18:39 PM

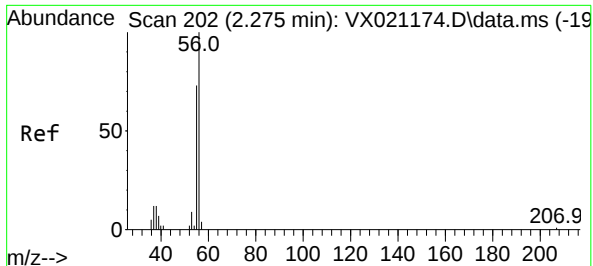


#12
Methyl Acetate
Concen: 12.47 ug/l
RT: 2.746 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



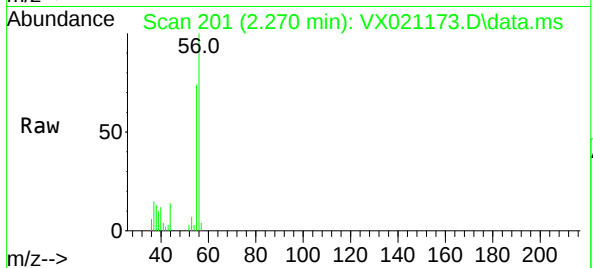
Tgt Ion: 43 Resp: 11805
Ion Ratio Lower Upper
43 100
74 24.2 22.8 34.2





#13
Acrolein
Concen: 54.73 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

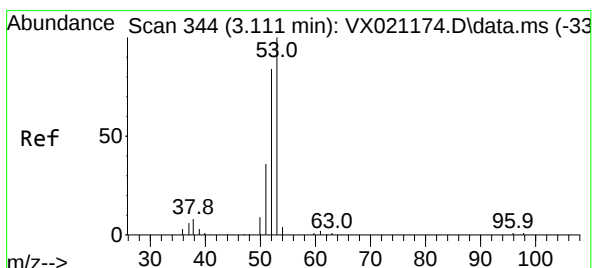
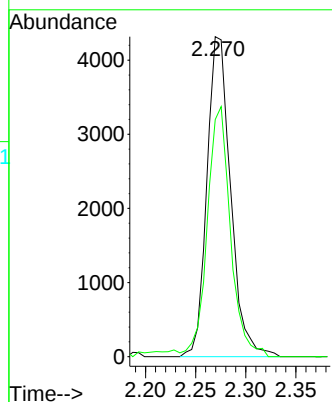
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



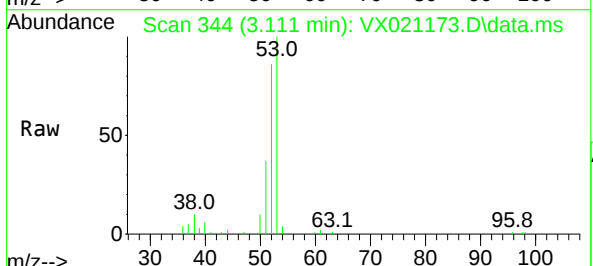
Tgt Ion: 56 Resp: 7106
Ion Ratio Lower Upper
56 100
55 76.2 56.3 84.5

Manual Integrations
APPROVED

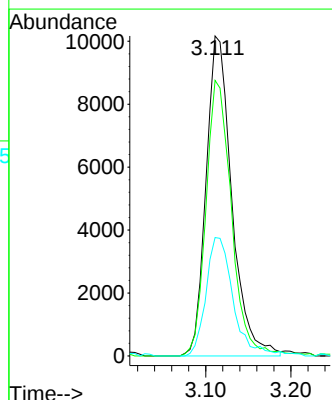
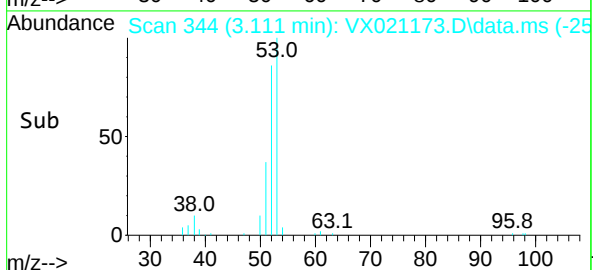
MMDadoda
3/15/2021 3:18:39 PM

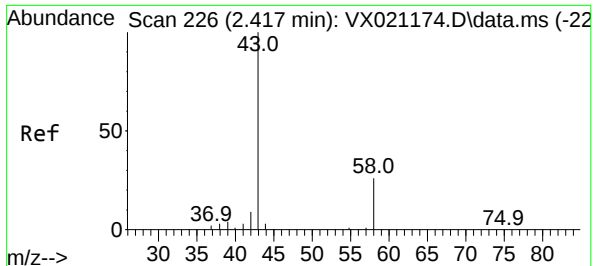


#14
Acrylonitrile
Concen: 48.34 ug/l
RT: 3.111 min Scan# 344
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



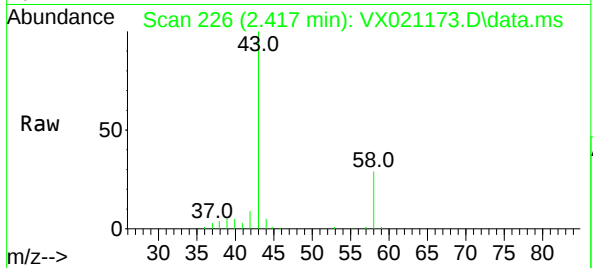
Tgt Ion: 53 Resp: 21317
Ion Ratio Lower Upper
53 100
52 84.8 41.1 123.3
51 37.5 17.6 52.9





#15
Acetone
Concen: 50.51 ug/l
RT: 2.417 min Scan# 226
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

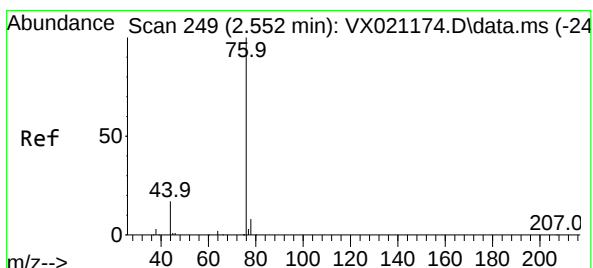
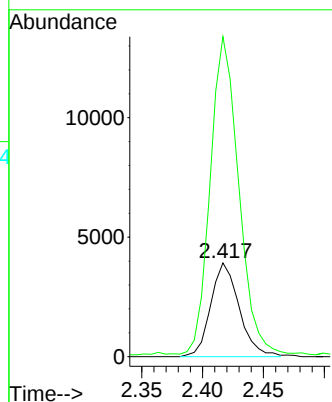
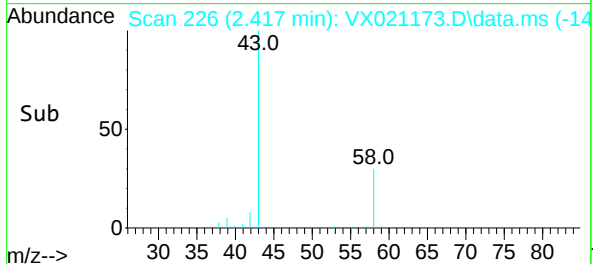
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



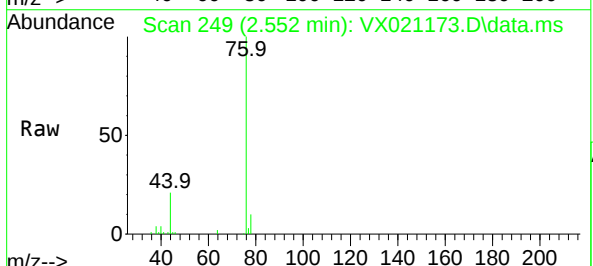
Tgt Ion: 58 Resp: 6383
Ion Ratio Lower Upper
58 100
43 338.7 232.6 348.8

Manual Integrations
APPROVED

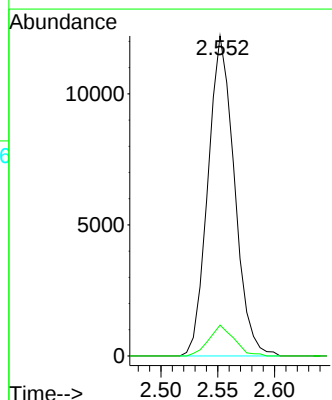
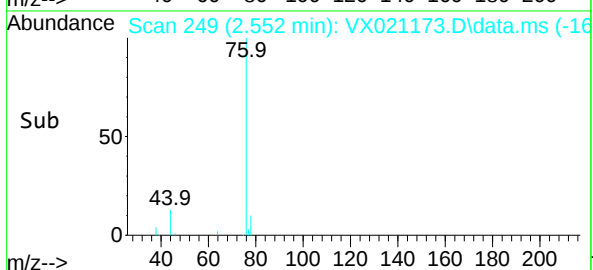
MMDadoda
3/15/2021 3:18:39 PM

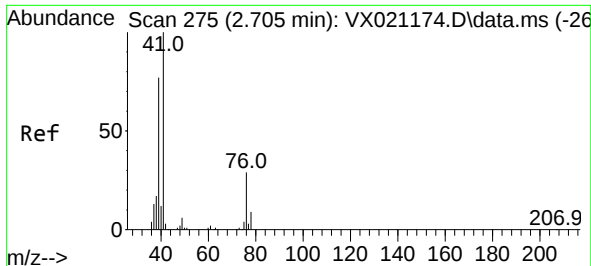


#16
Carbon Disulfide
Concen: 9.06 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



Tgt Ion: 76 Resp: 19785
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0





#17

Allyl chloride

Concen: 11.48 ug/l

RT: 2.711 min Scan# 276

Delta R.T. 0.006 min

Lab File: VX021173.D

Acq: 12 Mar 2021 10:39

Tgt Ion:	41	Resp:	14815
Ion	Ratio	Lower	Upper
41	100		
39	76.7	34.8	104.4
76	31.4	21.3	63.9

Instrument :

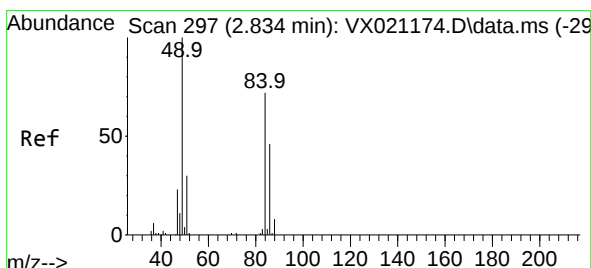
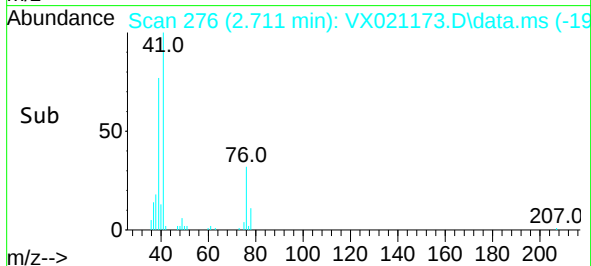
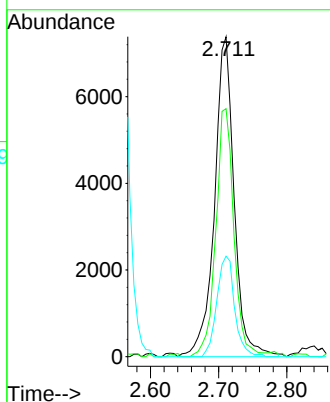
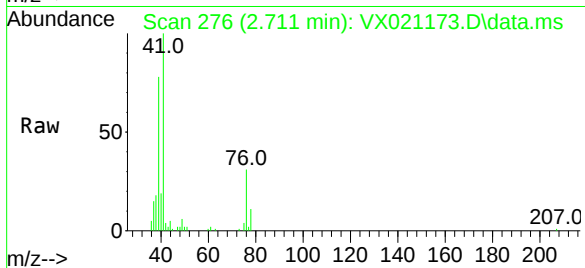
MSVOA_X

ClientSampleId :

VSTDIC010

Manual Integrations
APPROVED

MMDadoda
3/15/2021 3:18:39 PM



#18

Methylene Chloride

Concen: 9.45 ug/l

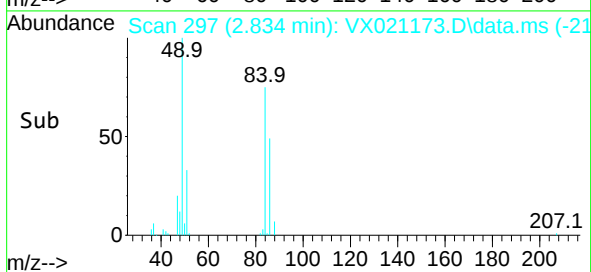
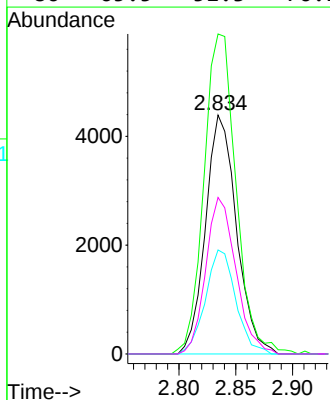
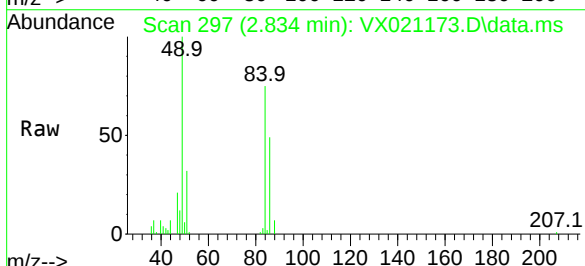
RT: 2.834 min Scan# 297

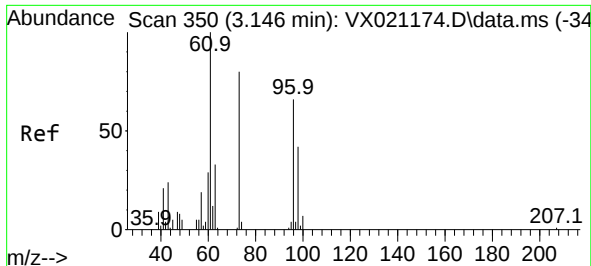
Delta R.T. 0.000 min

Lab File: VX021173.D

Acq: 12 Mar 2021 10:39

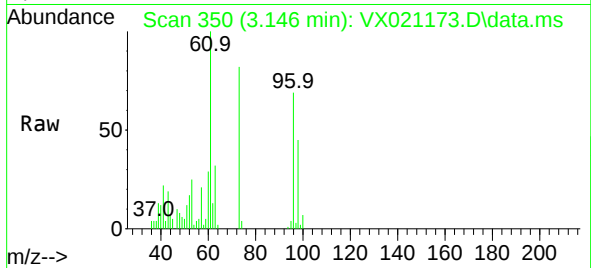
Tgt Ion:	84	Resp:	8348
Ion	Ratio	Lower	Upper
84	100		
49	132.3	90.6	136.0
51	43.5	26.3	39.5
86	65.5	51.3	76.9





#19
trans-1,2-Dichloroethene
Concen: 8.70 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

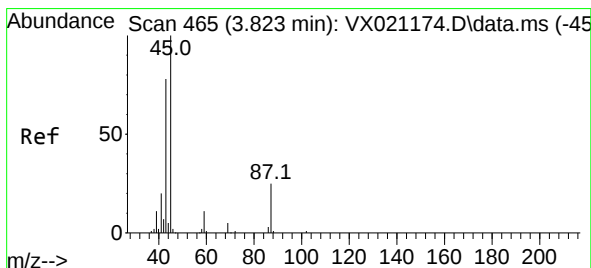
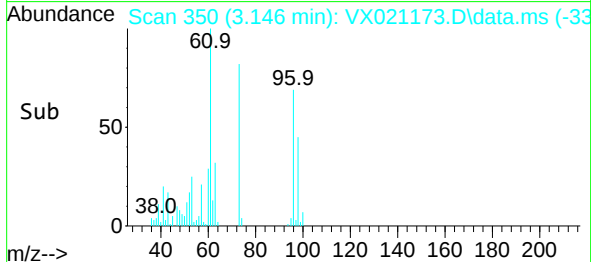
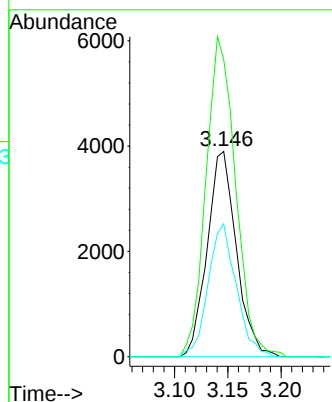


Tgt Ion: 96 Resp: 7435

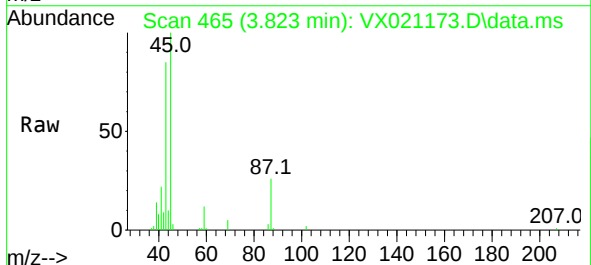
Ion	Ratio	Lower	Upper
96	100		
61	144.8	103.0	154.4
98	64.7	51.8	77.6

Manual Integrations
APPROVED

MMDadoda
3/15/2021 3:18:39 PM

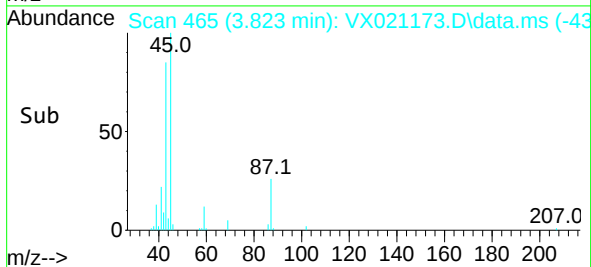
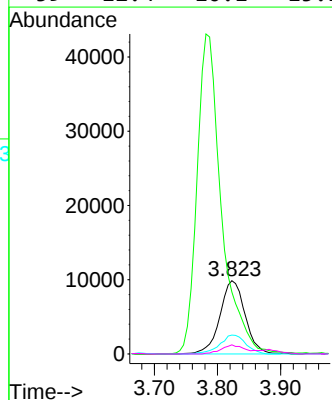


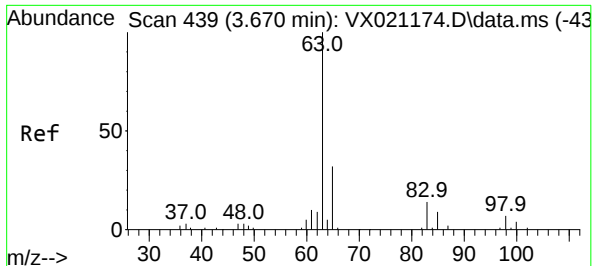
#20
Diisopropyl ether
Concen: 10.47 ug/l
RT: 3.823 min Scan# 465
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



Tgt Ion: 45 Resp: 27297

Ion	Ratio	Lower	Upper
45	100		
43	82.1	56.0	84.0
87	25.8	25.4	38.0
59	12.4	10.1	15.1





#21

1,1-Dichloroethane

Concen: 10.17 ug/l

RT: 3.670 min Scan# 439

Delta R.T. 0.000 min

Lab File: VX021173.D

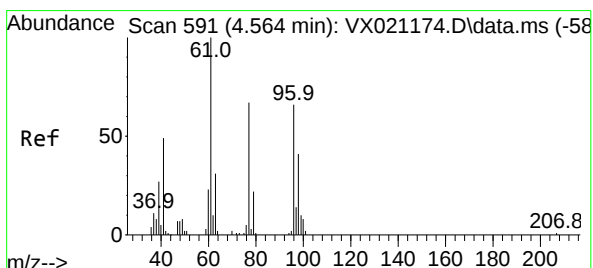
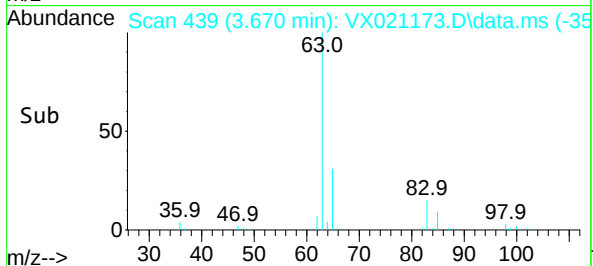
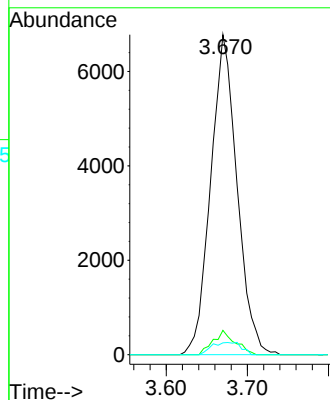
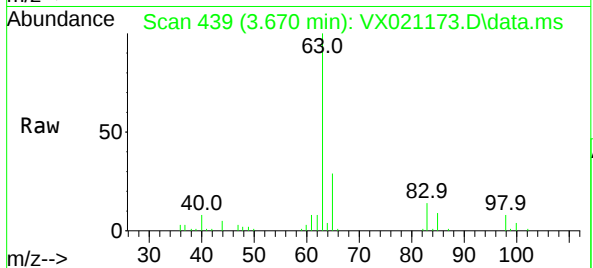
Acq: 12 Mar 2021 10:39

Tgt Ion:	63	Resp:	15334
Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.9	11.7
100	3.7	2.5	7.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
3/15/2021 3:18:39 PM



#22

cis-1,2-Dichloroethene

Concen: 8.90 ug/l

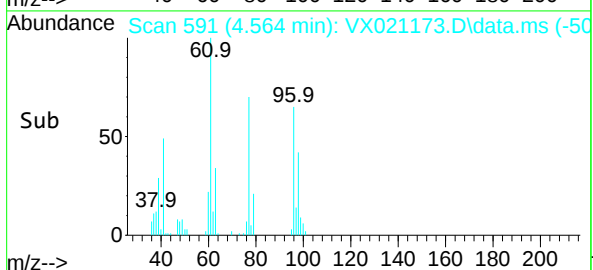
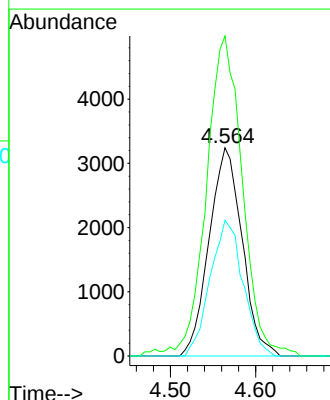
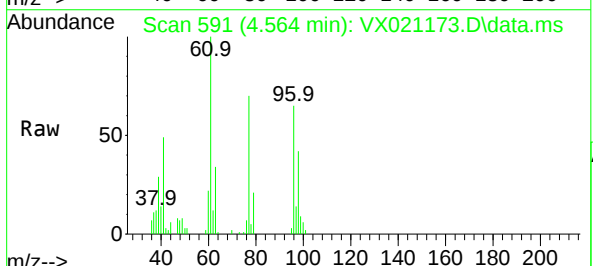
RT: 4.564 min Scan# 591

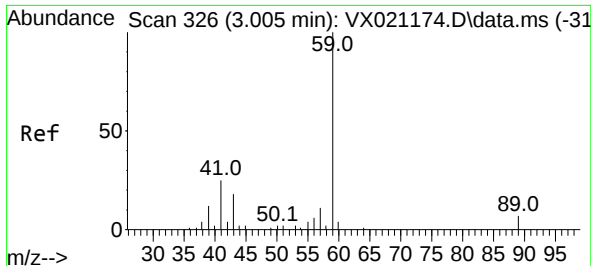
Delta R.T. 0.000 min

Lab File: VX021173.D

Acq: 12 Mar 2021 10:39

Tgt Ion:	96	Resp:	8728
Ion	Ratio	Lower	Upper
96	100		
61	166.9	114.1	171.1
98	64.9	51.8	77.8





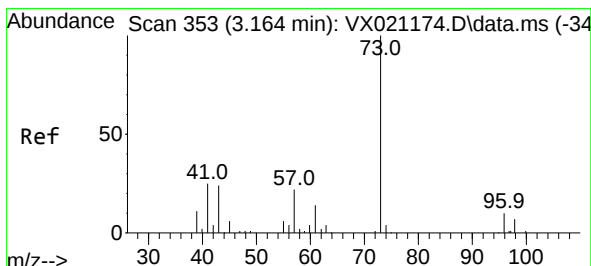
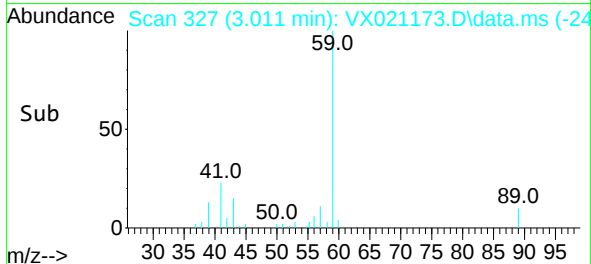
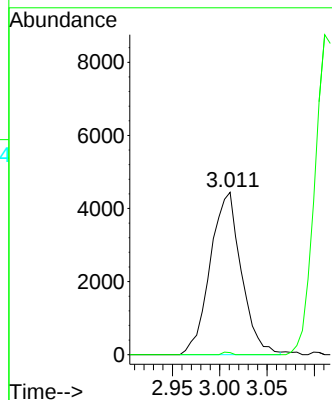
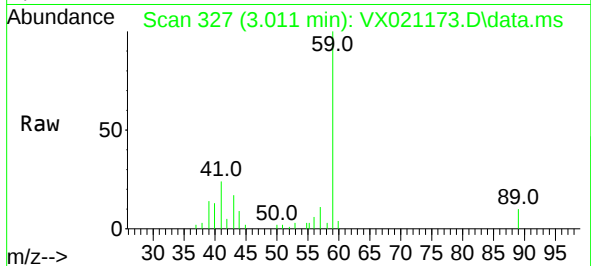
#23
tert-Butyl Alcohol
Concen: 50.86 ug/l
RT: 3.011 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 59 Resp: 10146
Ion Ratio Lower Upper
59 100
52 0.5 0.1 0.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

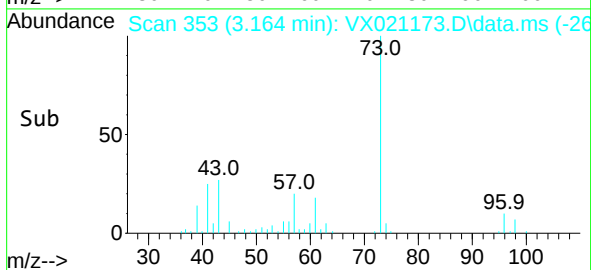
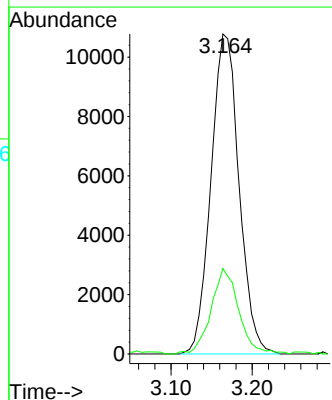
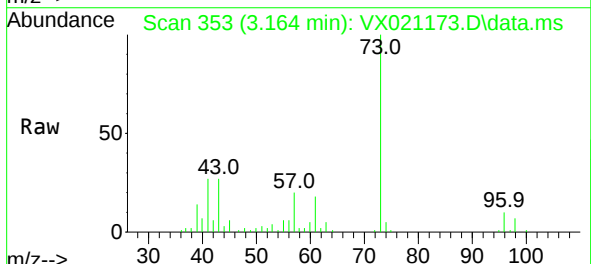
Manual Integrations
APPROVED

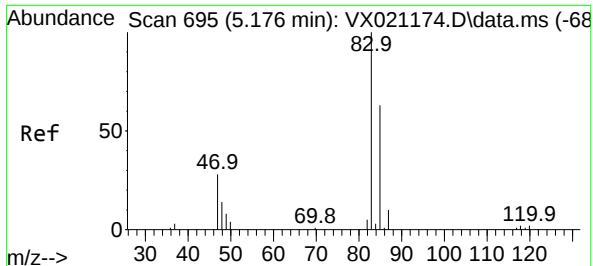
MMDadoda
3/15/2021 3:18:39 PM



#24
Methyl tert-Butyl Ether
Concen: 9.41 ug/l
RT: 3.164 min Scan# 353
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

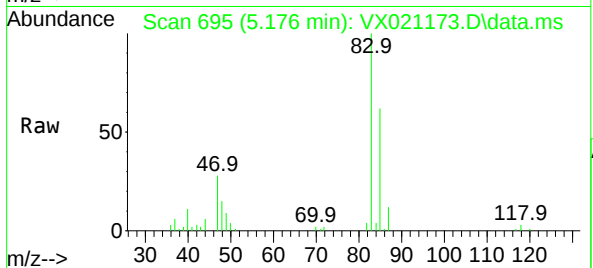
Tgt Ion: 73 Resp: 25887
Ion Ratio Lower Upper
73 100
43 25.2 14.9 22.3#





#25
Chloroform
Concen: 10.05 ug/l
RT: 5.176 min Scan# 695
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

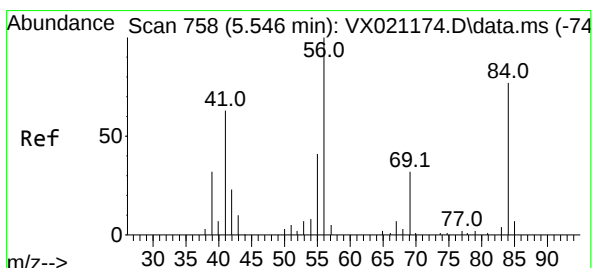
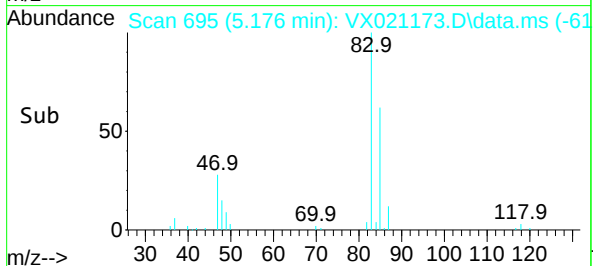
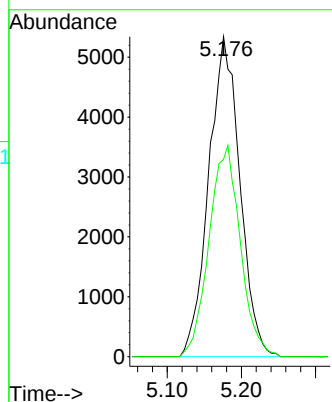
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



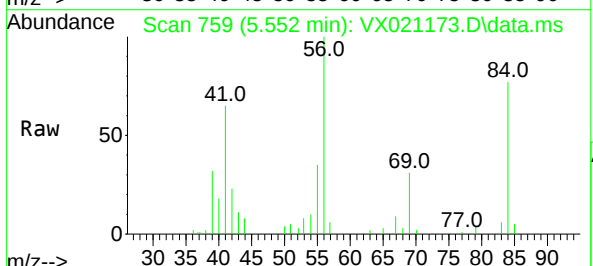
Tgt Ion: 83 Resp: 15595
Ion Ratio Lower Upper
83 100
85 61.7 51.2 76.8

Manual Integrations
APPROVED

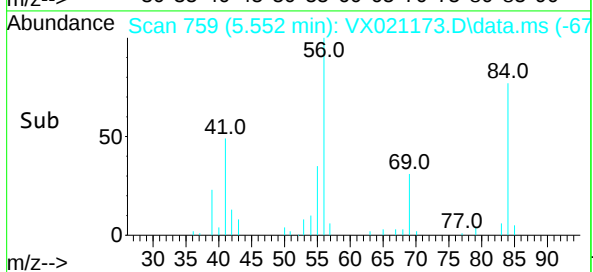
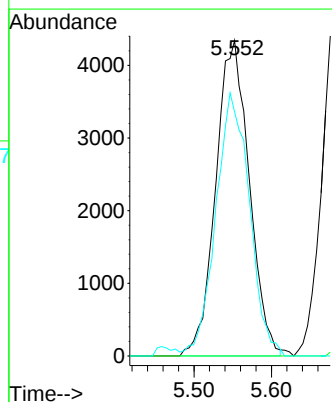
MMDadoda
3/15/2021 3:18:39 PM

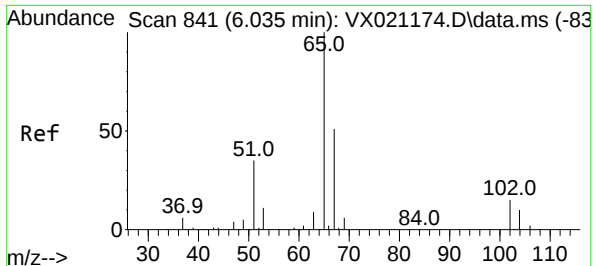


#26
Cyclohexane
Concen: 9.62 ug/l
RT: 5.552 min Scan# 759
Delta R.T. 0.006 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



Tgt Ion: 56 Resp: 13044
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.9 74.1 111.1





#27

1,2-Dichloroethane-d4

Concen: 37.54 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.000 min

Lab File: VX021173.D

Acq: 12 Mar 2021 10:39

Tgt Ion: 65 Resp: 38144

Ion Ratio Lower Upper

65 100

67 51.1 41.9 62.9

Instrument :

MSVOA_X

ClientSampleId :

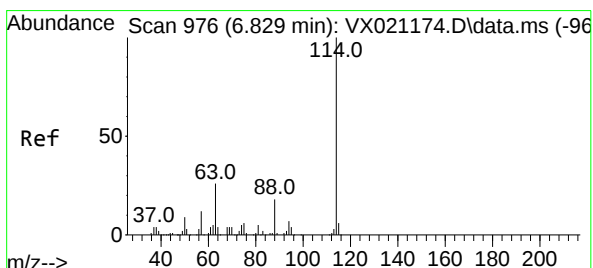
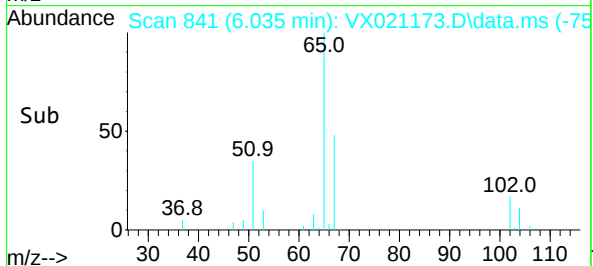
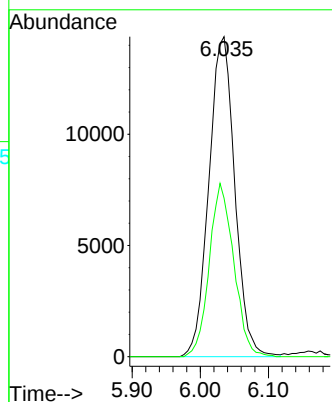
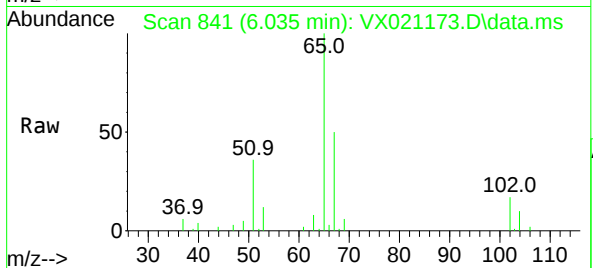
VSTDIC010

Manual Integrations

APPROVED

MMDadoda

3/15/2021 3:18:39 PM



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. 0.000 min

Lab File: VX021173.D

Acq: 12 Mar 2021 10:39

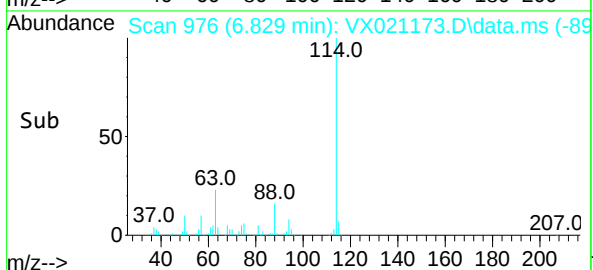
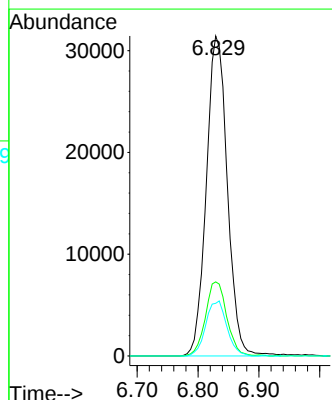
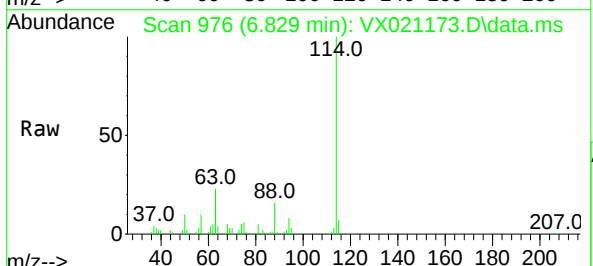
Tgt Ion: 114 Resp: 75548

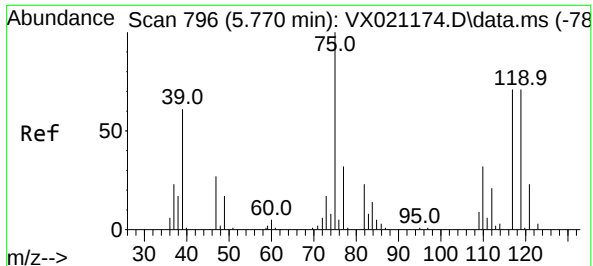
Ion Ratio Lower Upper

114 100

63 23.5 16.2 24.2

88 17.2 13.0 19.6





#29

1,1-Dichloropropene

Concen: 9.64 ug/l

RT: 5.764 min Scan# 795

Delta R.T. -0.006 min

Lab File: VX021173.D

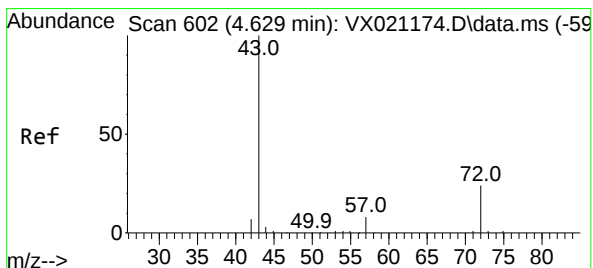
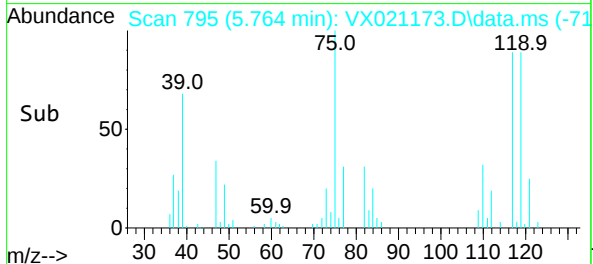
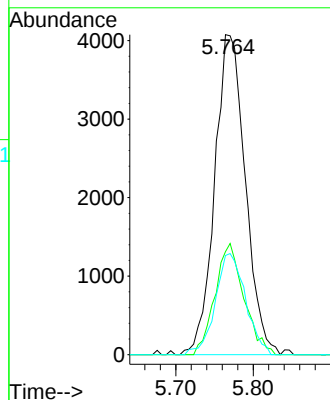
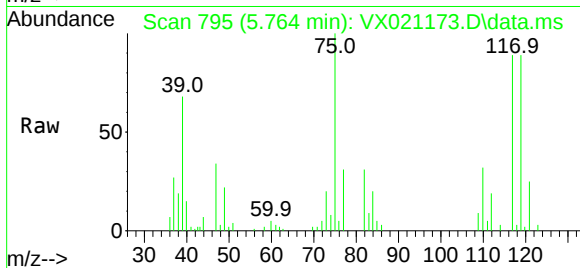
Acq: 12 Mar 2021 10:39

Tgt Ion: 75	Resp: 11213
Ion Ratio	Lower Upper
75 100	
110 32.8	0.0 72.4
77 30.7	0.0 62.4

Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
3/15/2021 3:18:39 PM



#30

2-Butanone

Concen: 54.67 ug/l

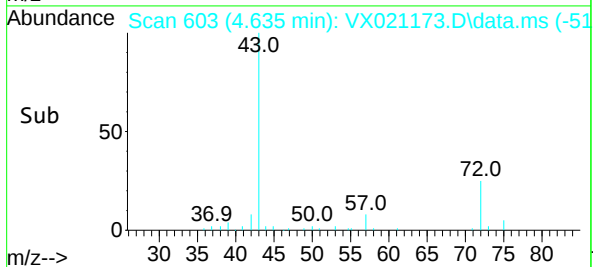
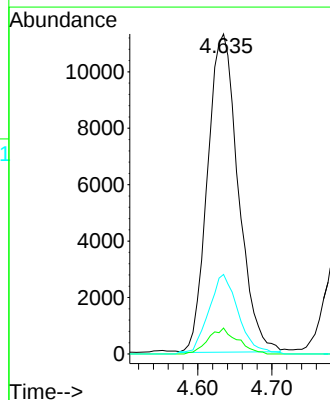
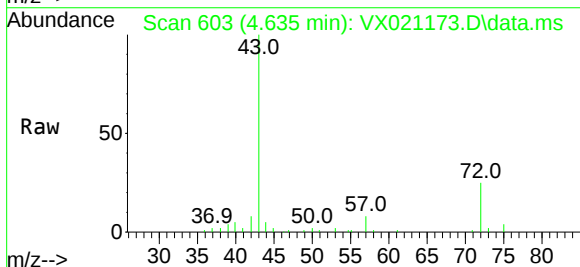
RT: 4.635 min Scan# 603

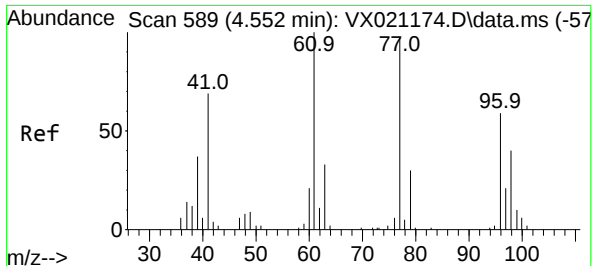
Delta R.T. 0.006 min

Lab File: VX021173.D

Acq: 12 Mar 2021 10:39

Tgt Ion: 43	Resp: 32442
Ion Ratio	Lower Upper
43 100	
57 7.8	7.2 10.8
72 24.2	23.7 35.5





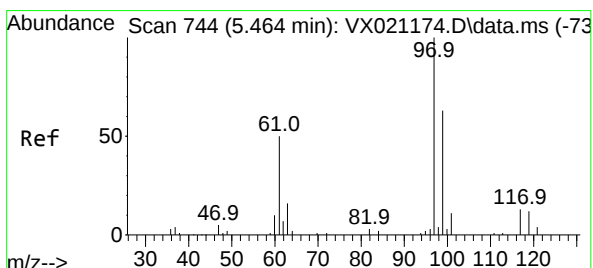
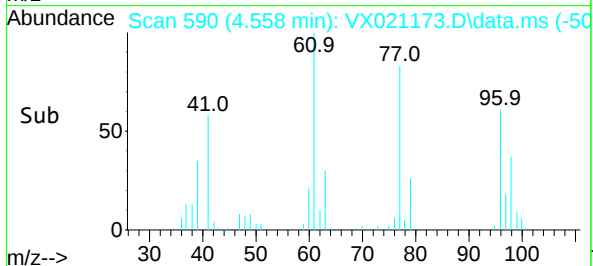
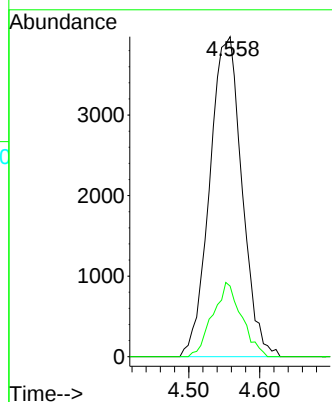
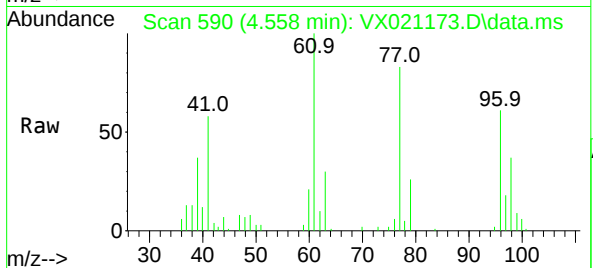
#31
2,2-Dichloropropane
Concen: 9.38 ug/l
RT: 4.558 min Scan# 590
Delta R.T. 0.006 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 77 Resp: 12529
Ion Ratio Lower Upper
77 100
97 20.7 18.6 28.0

Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

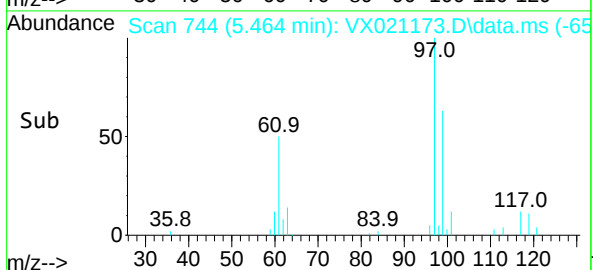
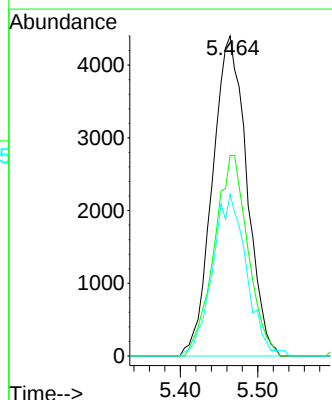
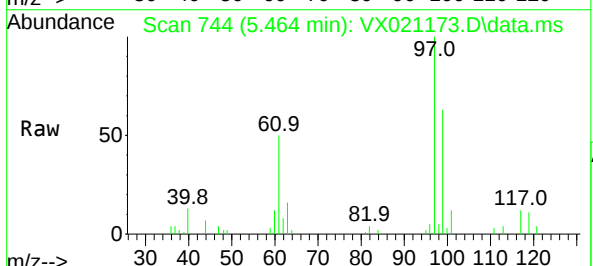
Manual Integrations
APPROVED

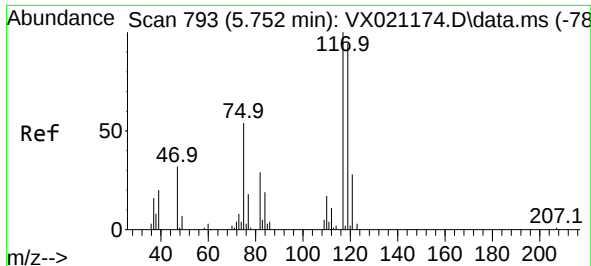
MMDadoda
3/15/2021 3:18:39 PM



#32
1,1,1-Trichloroethane
Concen: 10.18 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

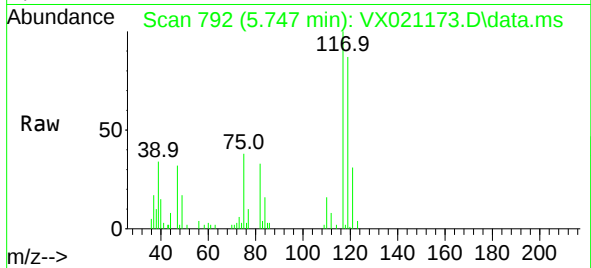
Tgt Ion: 97 Resp: 13546
Ion Ratio Lower Upper
97 100
99 61.8 51.7 77.5
61 49.3 34.3 51.5





#33
Carbon Tetrachloride
Concen: 10.31 ug/l m
RT: 5.747 min Scan# 792
Delta R.T. -0.006 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

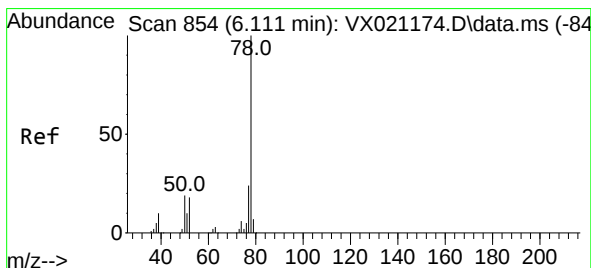
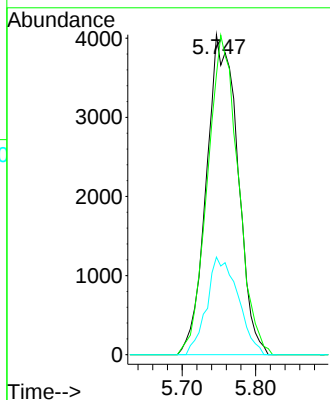
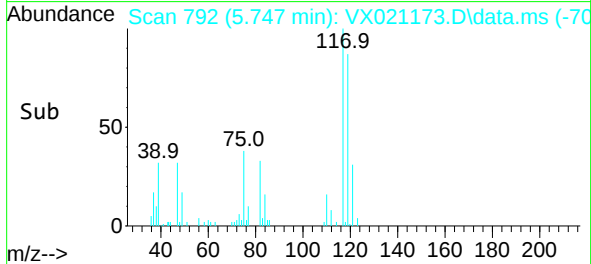
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



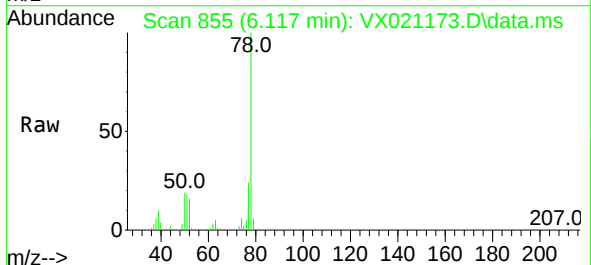
Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.4	76.1	114.1
121	30.5	24.1	36.1

Manual Integrations
APPROVED

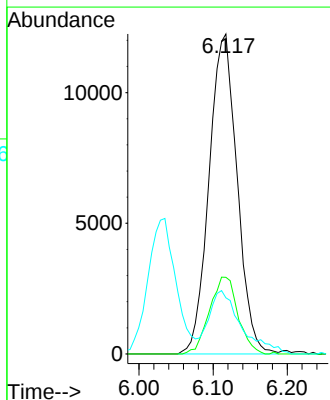
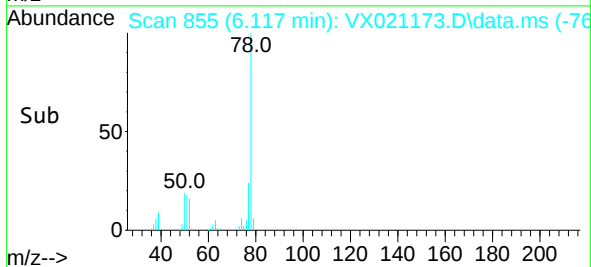
MMDadoda
3/15/2021 3:18:39 PM

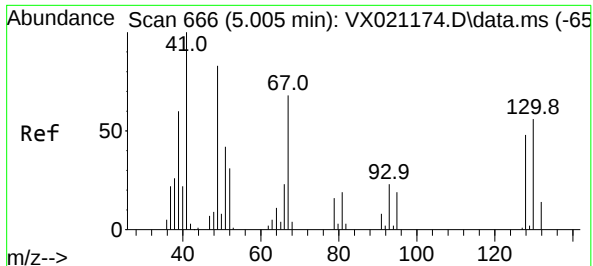


#34
Benzene
Concen: 9.27 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

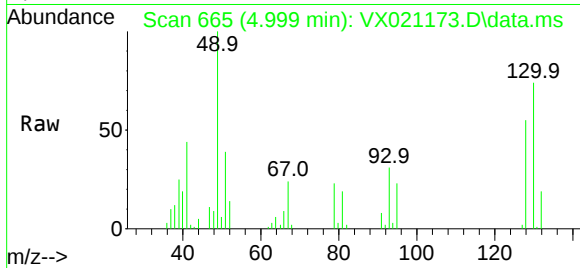


Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4
51	15.3	12.5	18.7

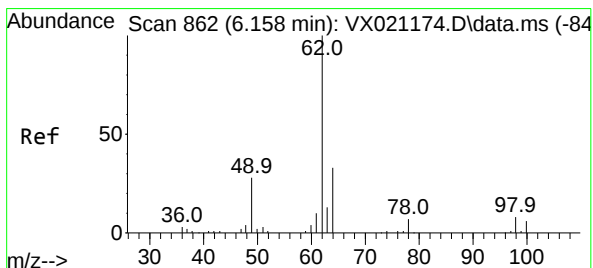
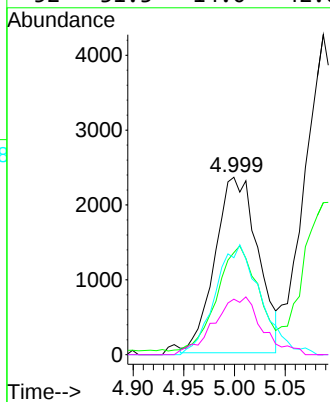
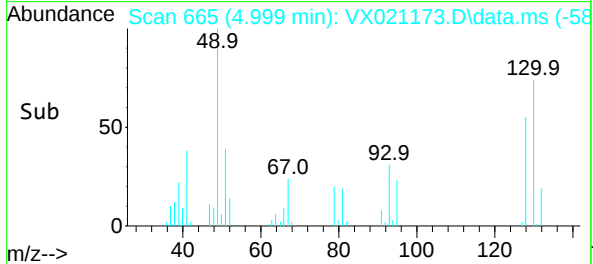




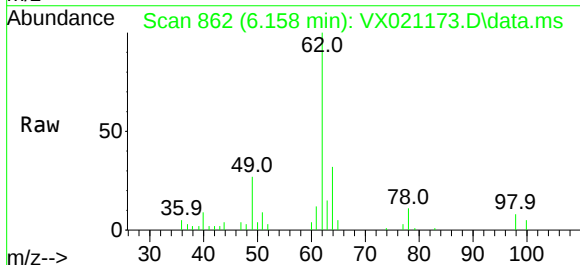
#35
Methacrylonitrile
Concen: 10.69 ug/l m
RT: 4.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



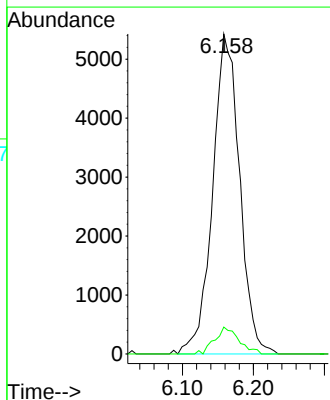
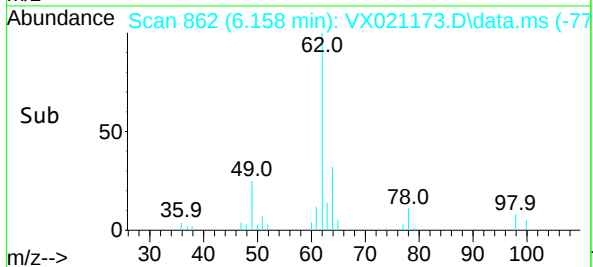
Tgt Ion:	41	Resp:	6924
Ion	Ratio	Lower	Upper
41	100		
39	57.5	26.8	80.3
67	54.7	39.1	117.2
52	31.3	14.0	42.0



#36
1,2-Dichloroethane
Concen: 11.51 ug/l
RT: 6.158 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



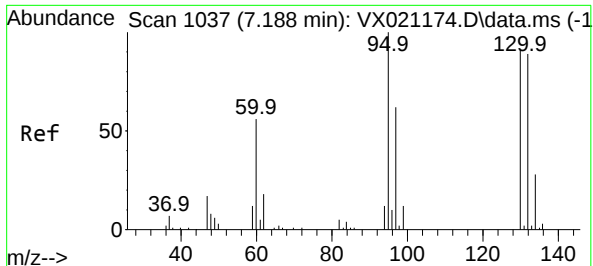
Tgt Ion:	62	Resp:	14285
Ion	Ratio	Lower	Upper
62	100		
98	7.0	8.1	12.1#



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
3/15/2021 3:18:39 PM



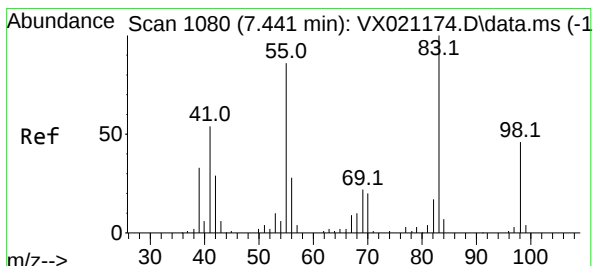
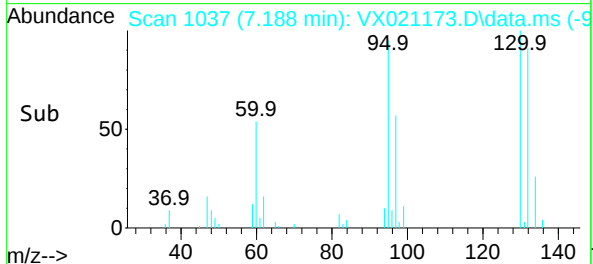
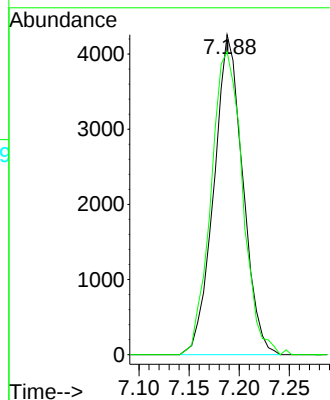
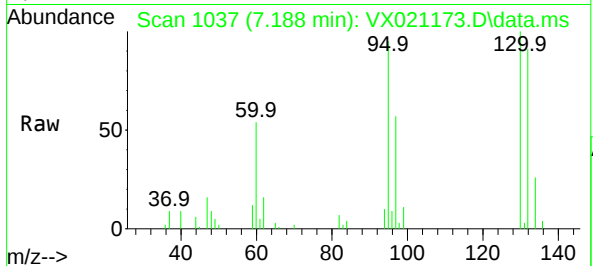
#37
Trichloroethene
Concen: 9.19 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion:130 Resp: 8550
Ion Ratio Lower Upper
130 100
95 94.7 80.2 120.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

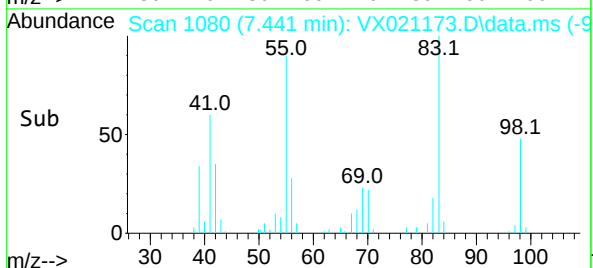
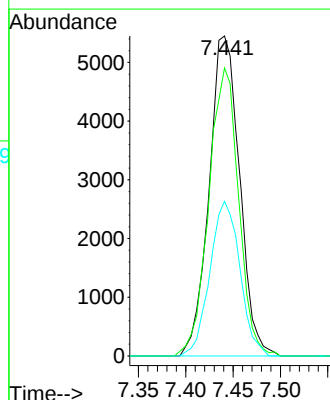
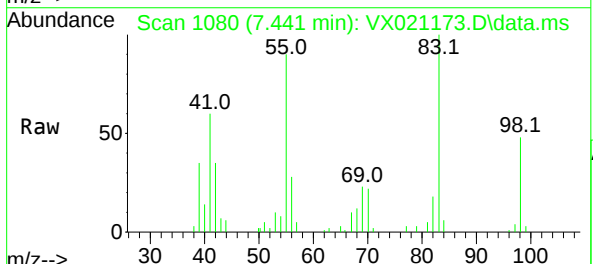
Manual Integrations
APPROVED

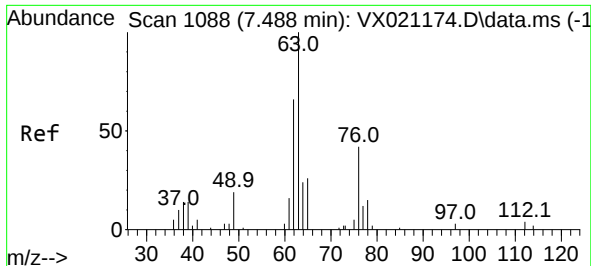
MMDadoda
3/15/2021 3:18:39 PM



#38
Methylcyclohexane
Concen: 8.49 ug/l
RT: 7.441 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 83 Resp: 12208
Ion Ratio Lower Upper
83 100
55 88.1 37.4 112.1
98 47.6 24.7 74.1





#39

1,2-Dichloropropane

Concen: 10.10 ug/l

RT: 7.488 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VX021173.D

Acq: 12 Mar 2021 10:39

Tgt Ion: 63 Resp: 8883

Ion Ratio Lower Upper

63 100

65 30.1 25.6 38.4

Instrument :

MSVOA_X

ClientSampled :

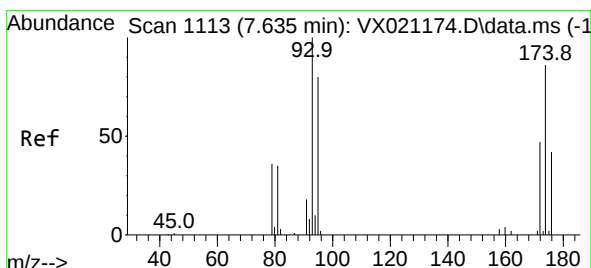
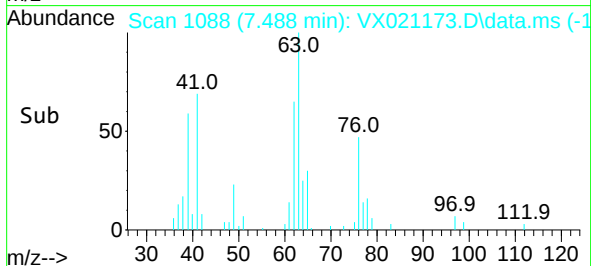
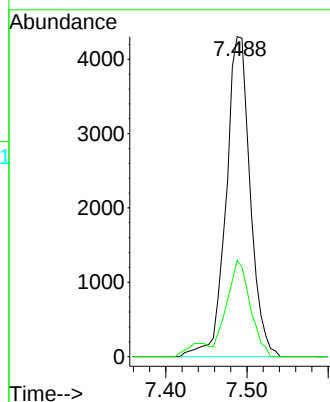
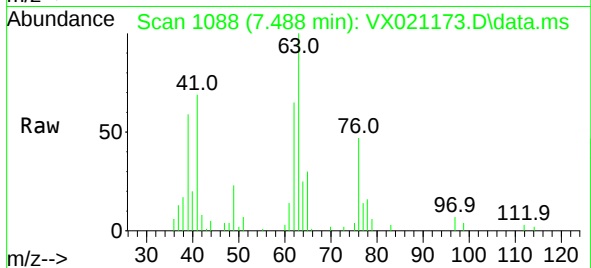
VSTDIC010

Manual Integrations

APPROVED

MMDadoda

3/15/2021 3:18:39 PM



#40

Dibromomethane

Concen: 10.24 ug/l

RT: 7.635 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VX021173.D

Acq: 12 Mar 2021 10:39

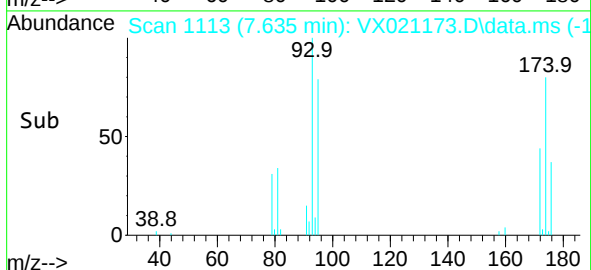
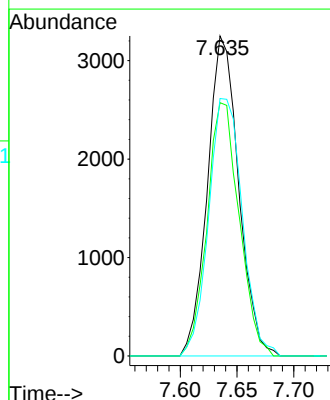
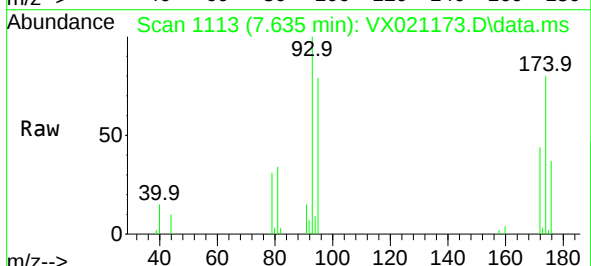
Tgt Ion: 93 Resp: 6213

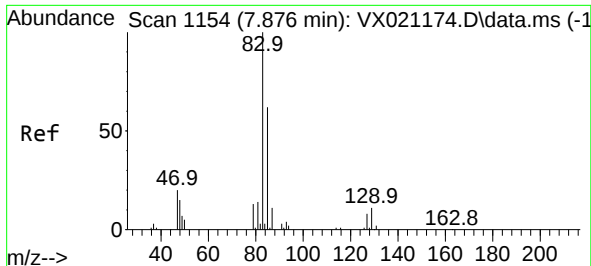
Ion Ratio Lower Upper

93 100

95 81.2 0.0 167.4

174 86.5 0.0 211.8





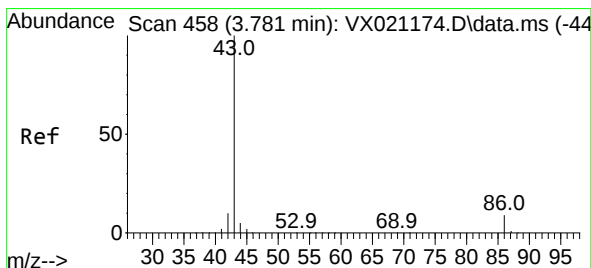
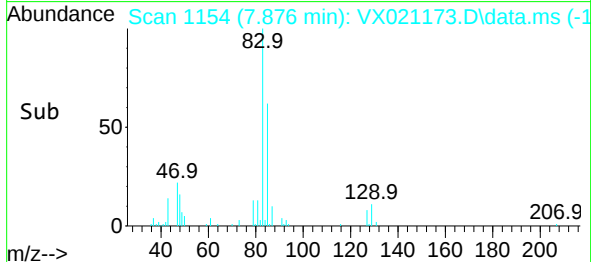
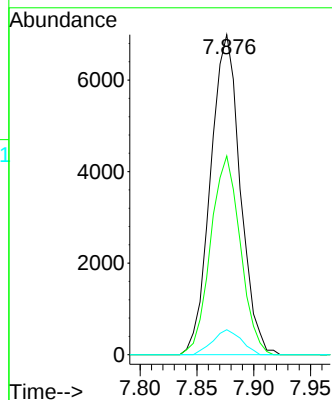
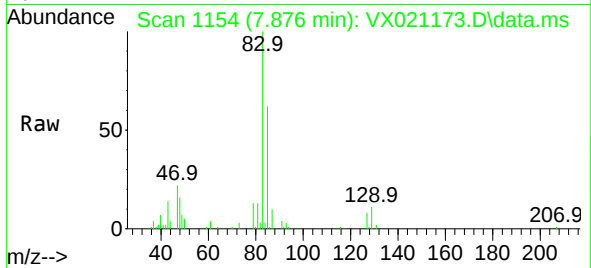
#41
Bromodichloromethane
Concen: 10.04 ug/l
RT: 7.876 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 83 Resp: 12732
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.0
127 7.8 7.1 10.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

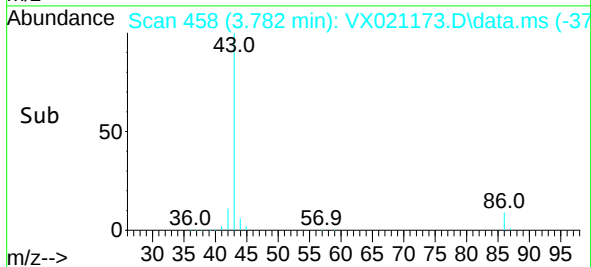
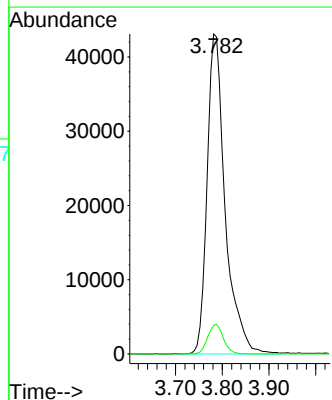
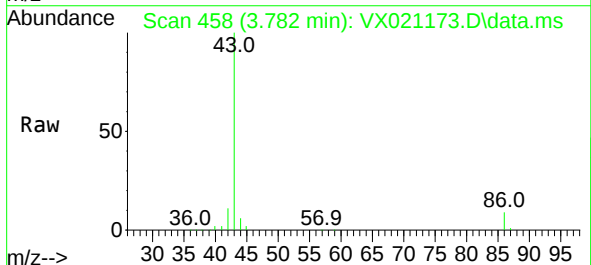
Manual Integrations
APPROVED

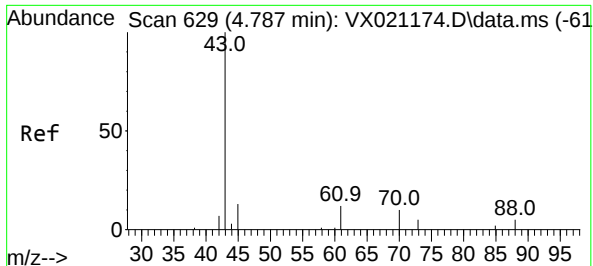
MMDadoda
3/15/2021 3:18:39 PM



#42
Vinyl Acetate
Concen: 52.22 ug/l m
RT: 3.782 min Scan# 458
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 43 Resp: 115911
Ion Ratio Lower Upper
43 100
86 0.0 9.0 13.4#





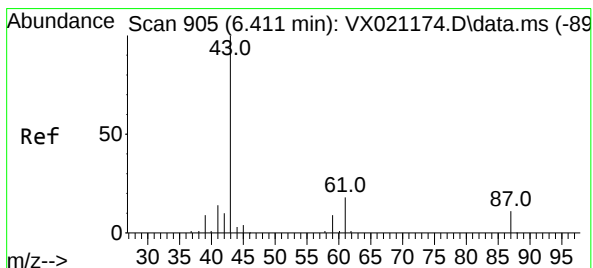
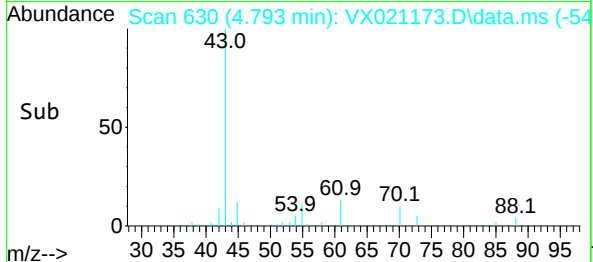
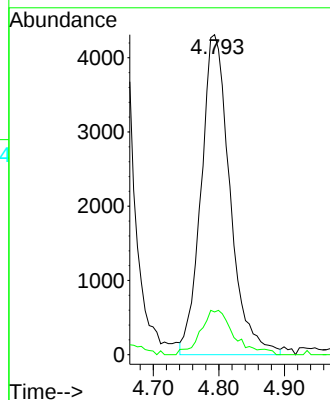
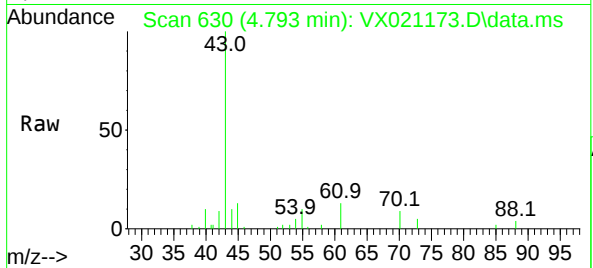
#43
Ethyl Acetate
Concen: 11.53 ug/l
RT: 4.793 min Scan# 630
Delta R.T. 0.006 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 43 Resp: 13198
Ion Ratio Lower Upper
43 100
45 10.6 12.2 18.4#

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

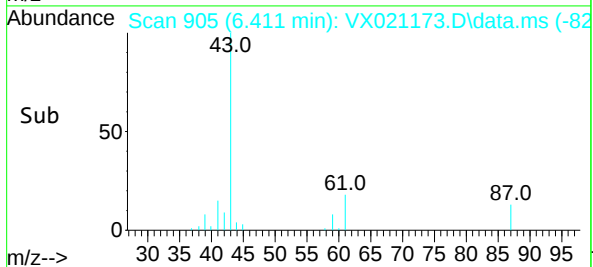
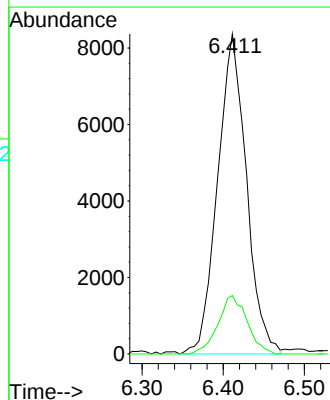
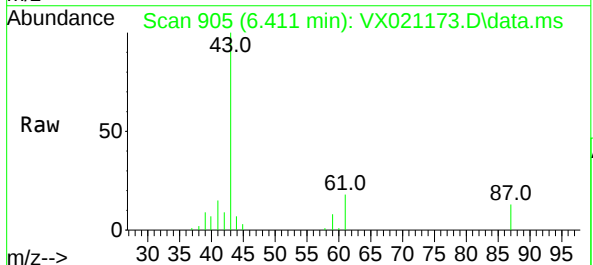
Manual Integrations
APPROVED

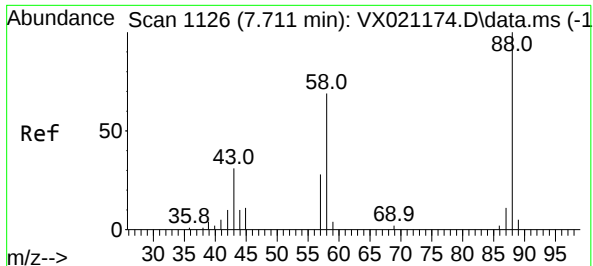
MMDadoda
3/15/2021 3:18:39 PM



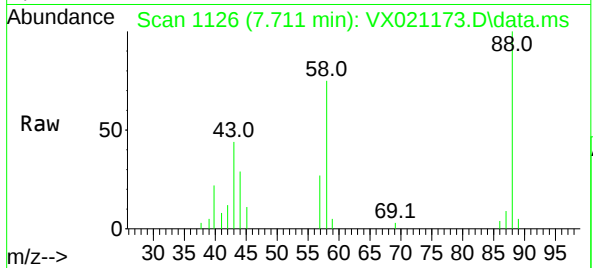
#44
Isopropyl Acetate
Concen: 10.71 ug/l
RT: 6.411 min Scan# 905
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 43 Resp: 20617
Ion Ratio Lower Upper
43 100
61 18.4 18.1 27.1



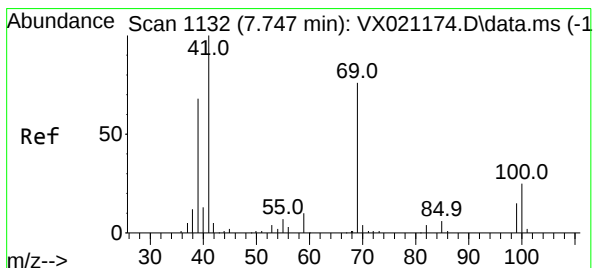
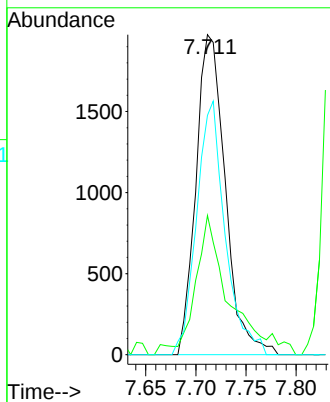
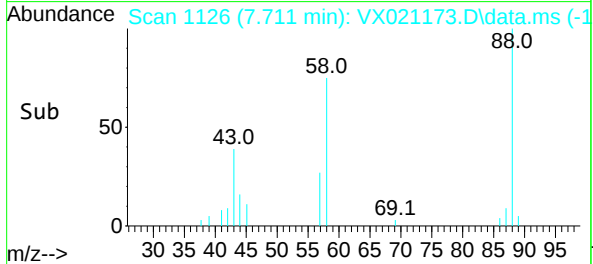


#45
1,4-Dioxane
Concen: 187.70 ug/l
RT: 7.711 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

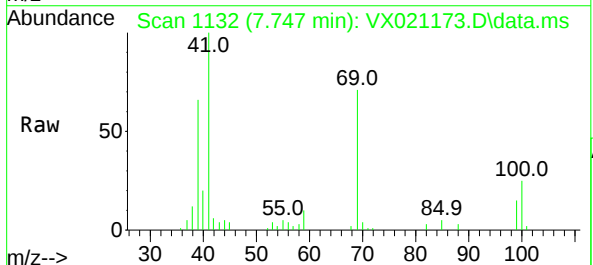


Tgt Ion: 88 Resp: 4028

Ion	Ratio	Lower	Upper
88	100		
43	39.2	22.2	33.2#
58	77.0	53.9	80.9

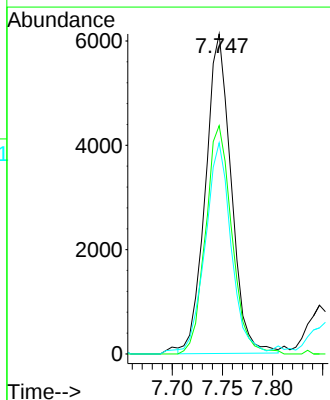
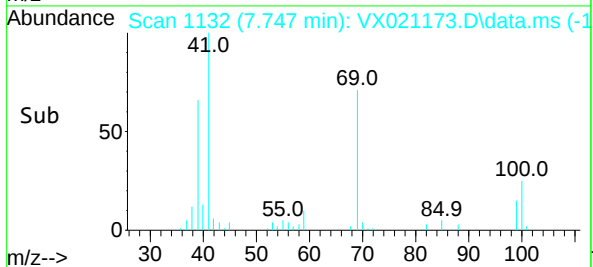


#46
Methyl methacrylate
Concen: 11.21 ug/l
RT: 7.747 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



Tgt Ion: 41 Resp: 10908

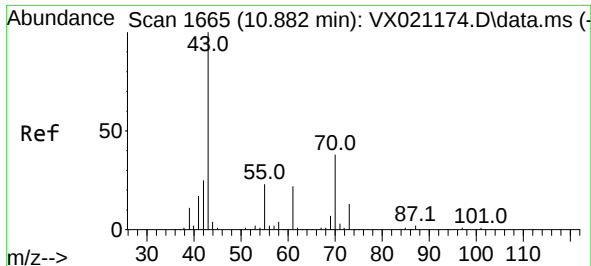
Ion	Ratio	Lower	Upper
41	100		
69	72.4	46.9	140.6
39	65.5	28.0	83.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
3/15/2021 3:18:39 PM



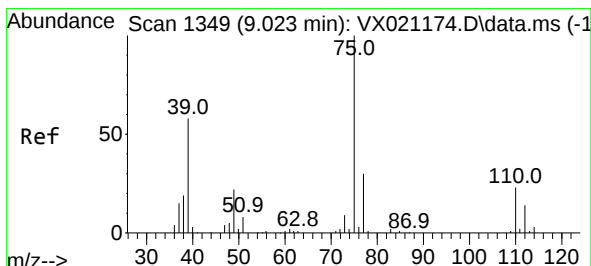
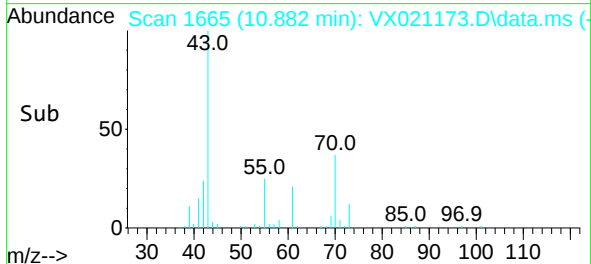
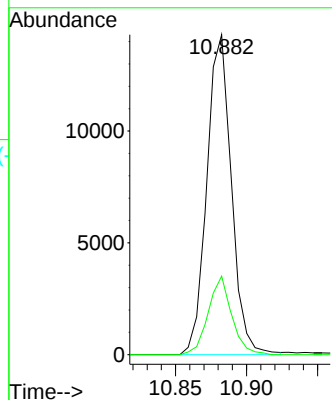
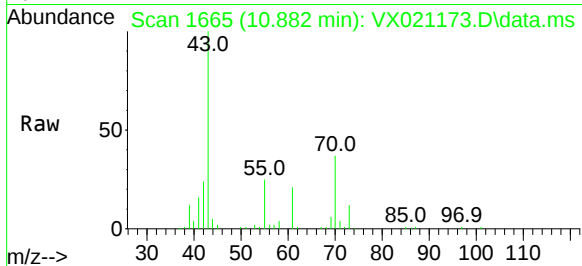
#47
n-amyl Acetate
Concen: 10.64 ug/l
RT: 10.882 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 43 Resp: 17216
Ion Ratio Lower Upper
43 100
55 23.4 21.8 32.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

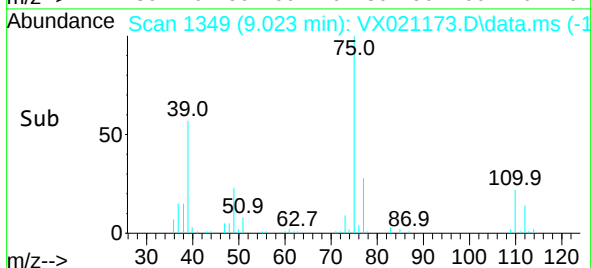
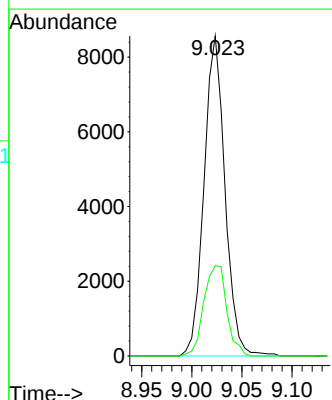
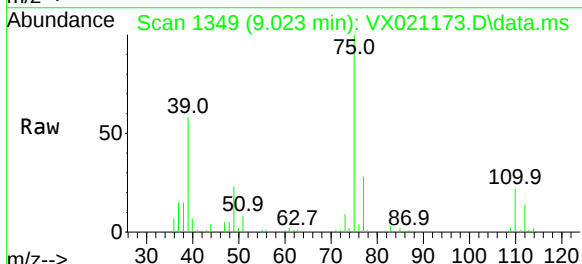
Manual Integrations
APPROVED

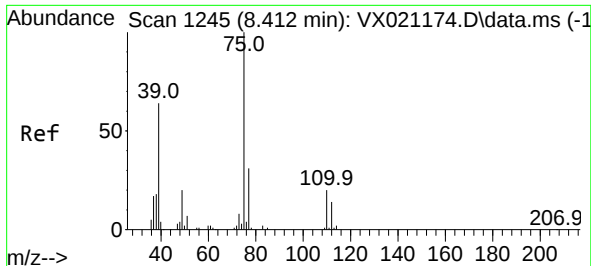
MMDadoda
3/15/2021 3:18:39 PM



#48
t-1,3-Dichloropropene
Concen: 9.00 ug/l
RT: 9.023 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 75 Resp: 12493
Ion Ratio Lower Upper
75 100
77 28.3 25.0 37.6

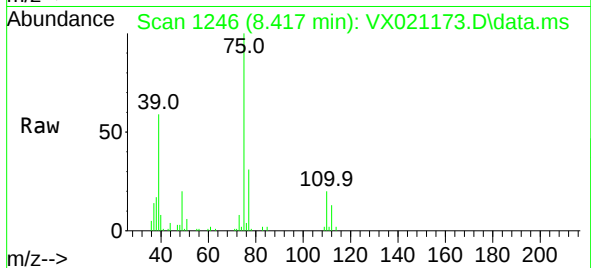




#49

cis-1,3-Dichloropropene
Concen: 8.83 ug/l
RT: 8.417 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

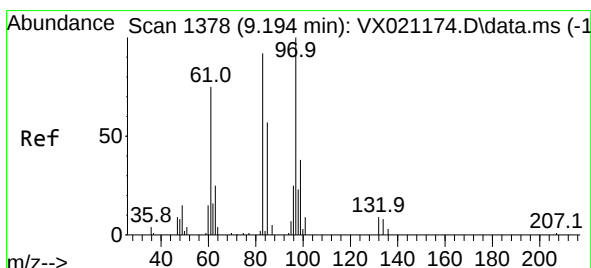
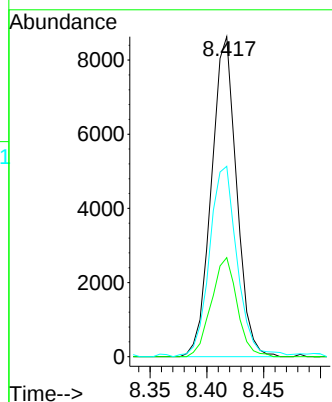
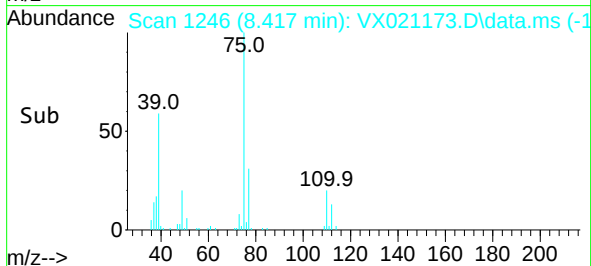
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion:	75	Resp:	13297
Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.4	36.6
39	58.8	35.4	53.0#

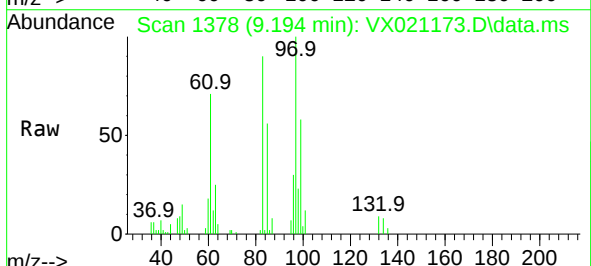
Manual Integrations
APPROVED

MMDadoda
3/15/2021 3:18:39 PM

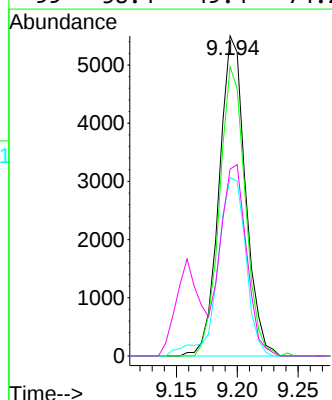
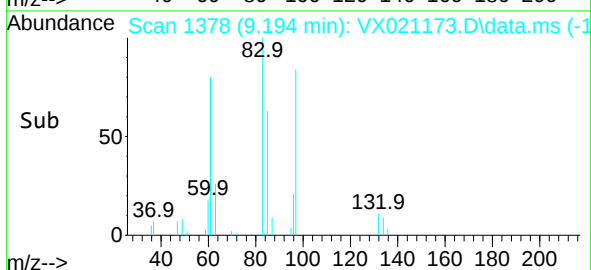


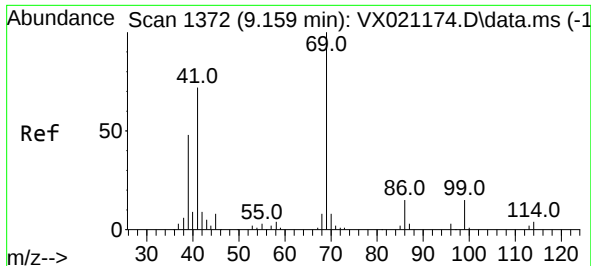
#50

1,1,2-Trichloroethane
Concen: 9.50 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



Tgt Ion:	97	Resp:	8270
Ion	Ratio	Lower	Upper
97	100		
83	90.4	68.5	102.7
85	55.8	43.8	65.6
99	58.4	49.4	74.2





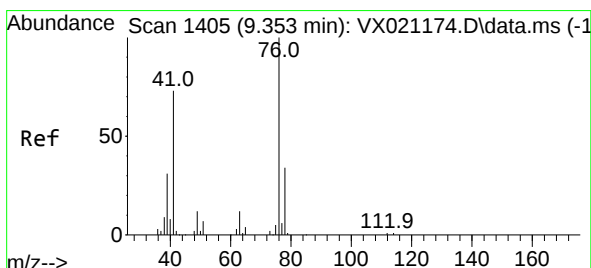
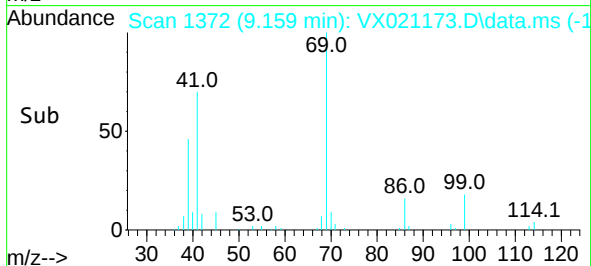
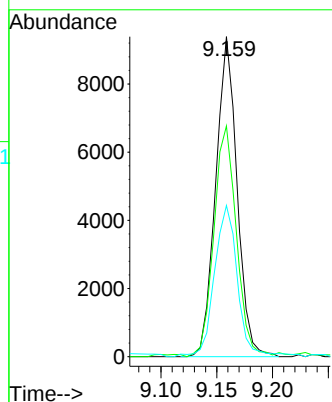
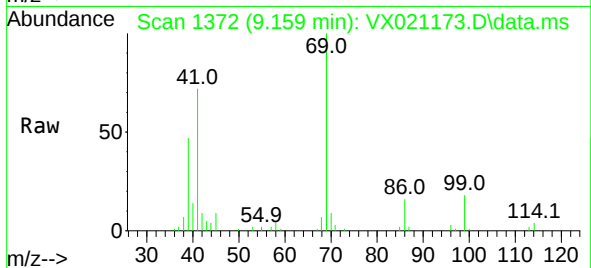
#51
Ethyl methacrylate
Concen: 9.08 ug/l m
RT: 9.159 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 69 Resp: 12511
Ion Ratio Lower Upper
69 100
41 72.1 29.1 87.4
39 47.3 15.4 46.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

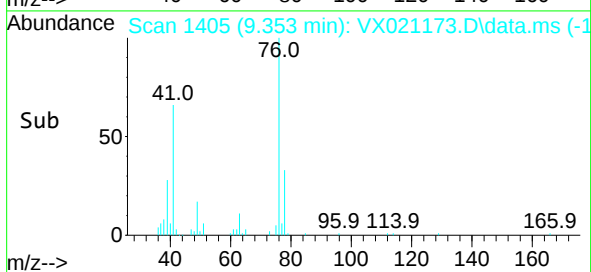
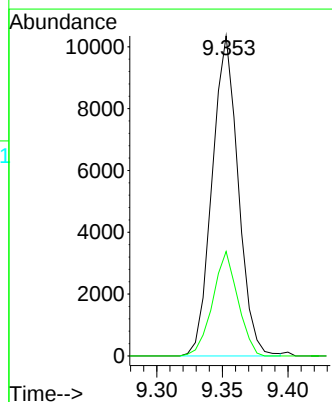
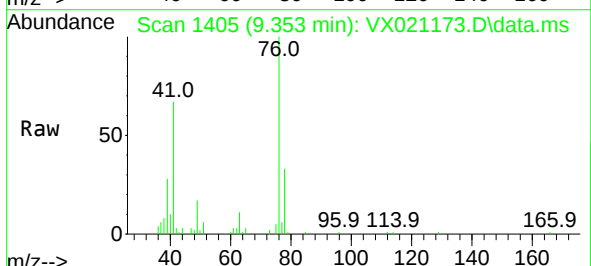
Manual Integrations
APPROVED

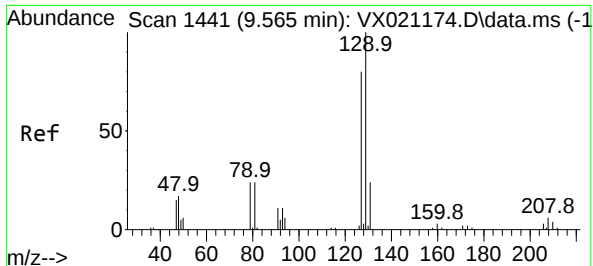
MMDadoda
3/15/2021 3:18:39 PM



#52
1,3-Dichloropropane
Concen: 9.63 ug/l
RT: 9.353 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 76 Resp: 14305
Ion Ratio Lower Upper
76 100
78 31.5 0.0 66.0





#53

Dibromochloromethane

Concen: 9.50 ug/l

RT: 9.565 min Scan# 1441

Delta R.T. 0.000 min

Lab File: VX021173.D

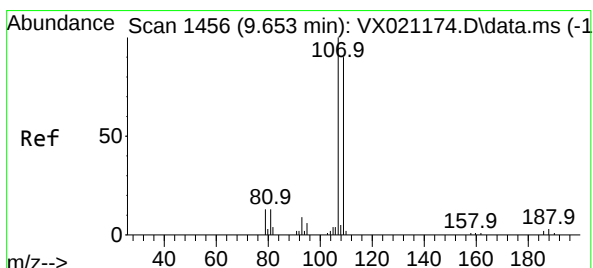
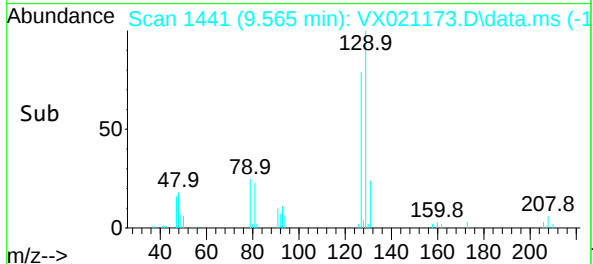
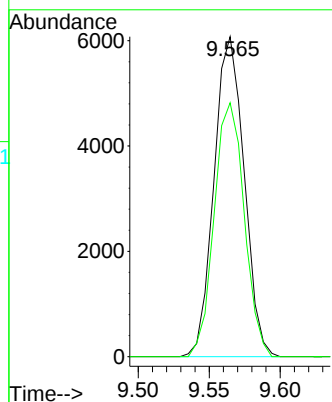
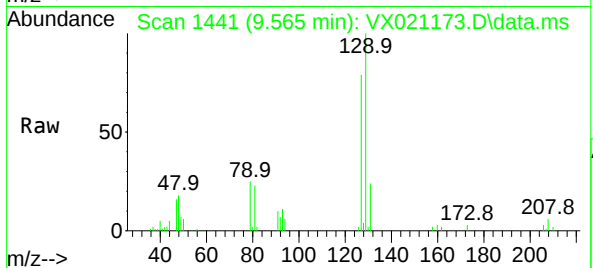
Acq: 12 Mar 2021 10:39

Tgt Ion:129 Resp: 8953

Ion Ratio Lower Upper

129 100

127 79.2 38.4 115.2



#54

1,2-Dibromoethane

Concen: 9.40 ug/l

RT: 9.653 min Scan# 1456

Delta R.T. 0.000 min

Lab File: VX021173.D

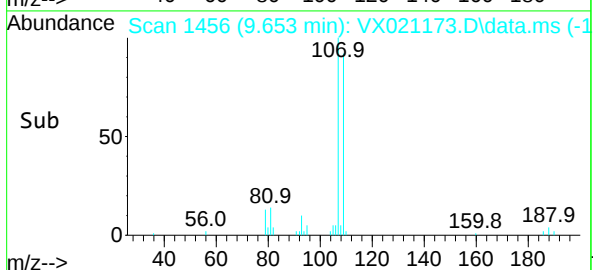
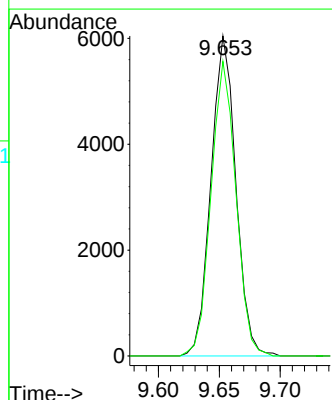
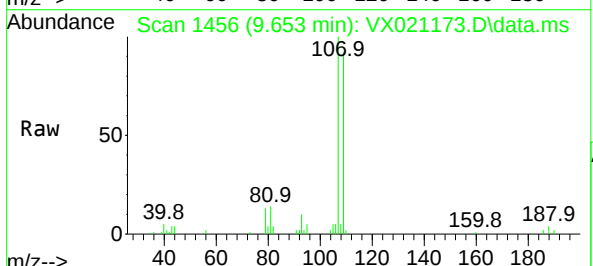
Acq: 12 Mar 2021 10:39

Tgt Ion:107 Resp: 8586

Ion Ratio Lower Upper

107 100

109 92.1 73.6 110.4



Instrument :

MSVOA_X

ClientSampleId :

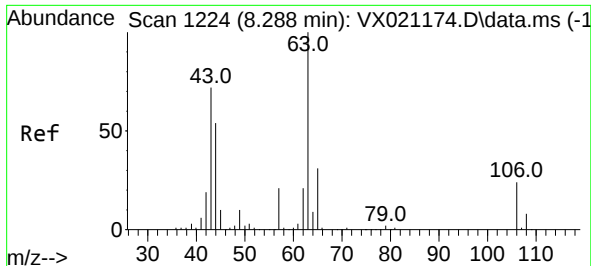
VSTDIC010

Manual Integrations

APPROVED

MMDadoda

3/15/2021 3:18:39 PM



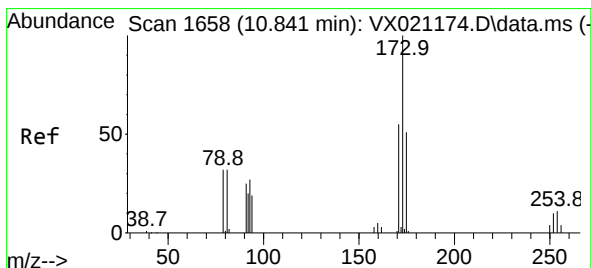
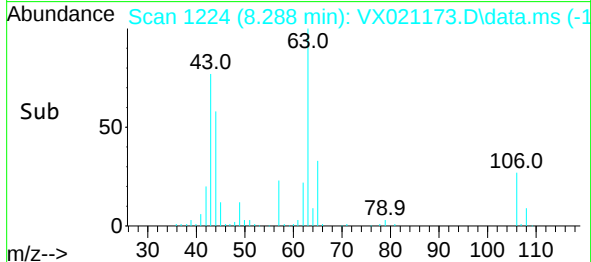
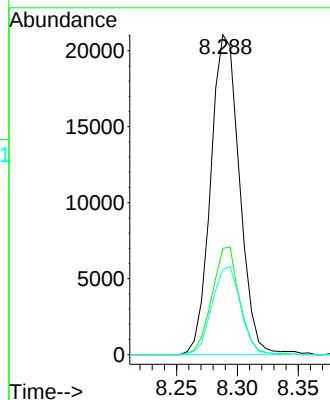
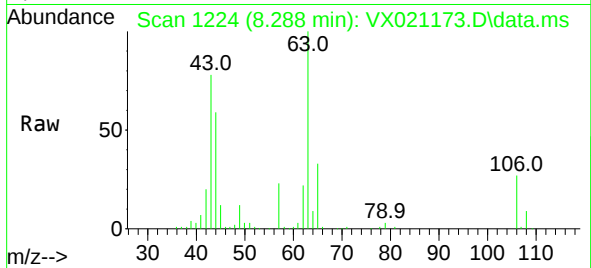
#55
2-Chloroethyl vinyl ether
Concen: 51.75 ug/l
RT: 8.288 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion:	63	Resp:	34534
Ion Ratio	Lower	Upper	
63	100		
65	32.2	25.9	38.9
106	27.4	23.9	35.9

Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

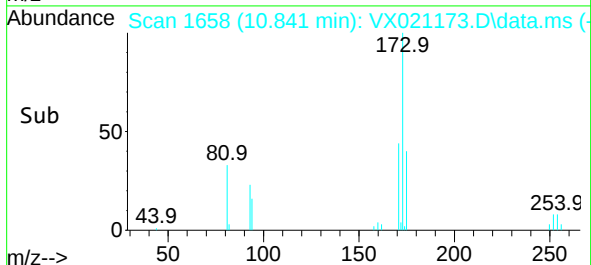
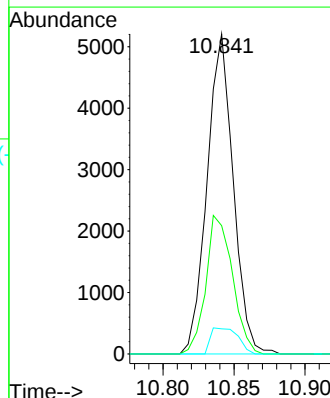
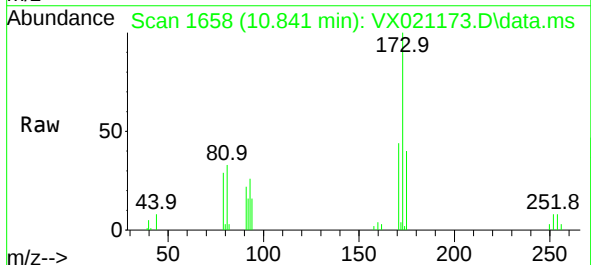
Manual Integrations
APPROVED

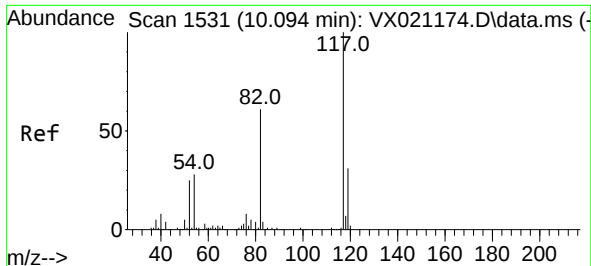
MMDadoda
3/15/2021 3:18:39 PM



#56
Bromoform
Concen: 10.13 ug/l
RT: 10.841 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

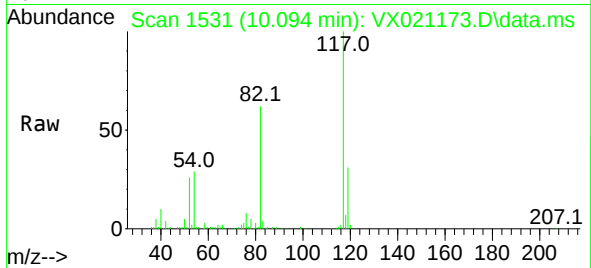
Tgt Ion:	173	Resp:	6675
Ion Ratio	Lower	Upper	
173	100		
175	44.0	38.1	57.1
254	8.5	8.2	12.4





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

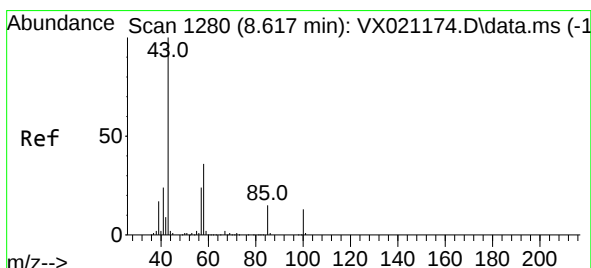
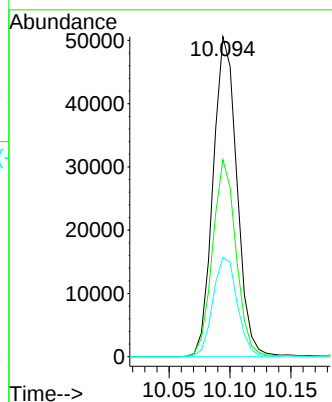
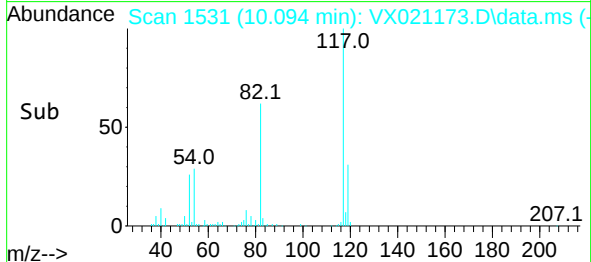
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



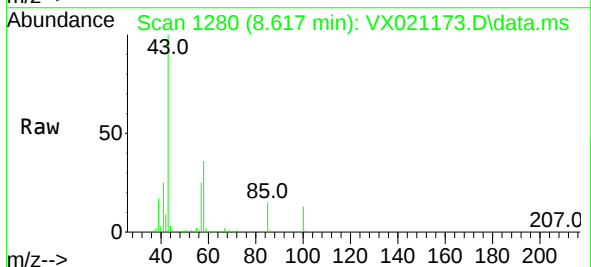
Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.0	45.0	67.6
119	31.9	25.6	38.4

Manual Integrations
APPROVED

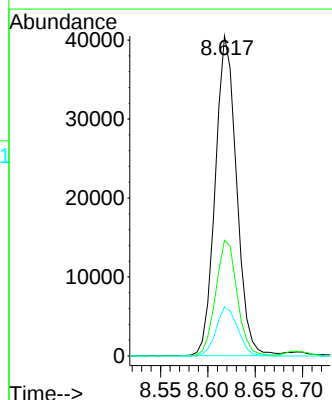
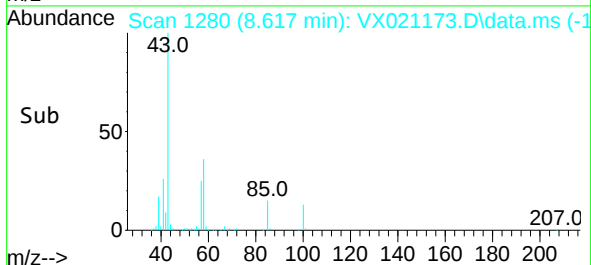
MMDadoda
3/15/2021 3:18:39 PM

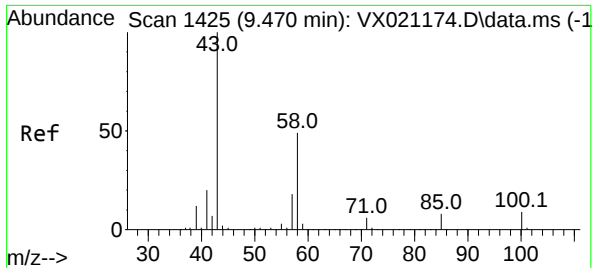


#58
4-Methyl-2-Pentanone
Concen: 54.66 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	35.2	52.8
85	15.7	16.8	25.2





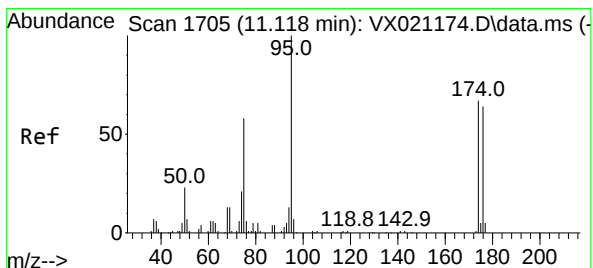
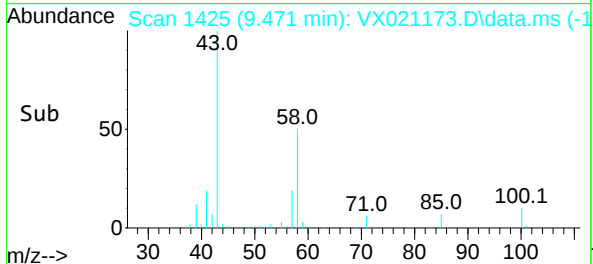
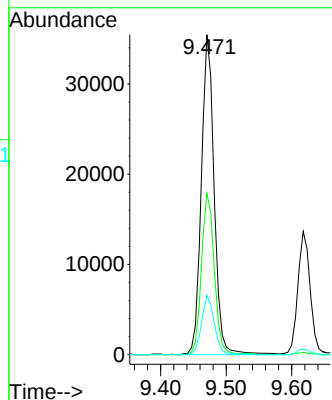
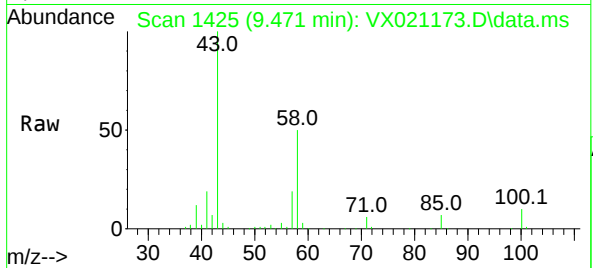
#59
2-Hexanone
Concen: 55.35 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion:	43	Resp:	48474
Ion	Ratio	Lower	Upper
43	100		
58	50.0	49.0	73.6
57	18.4	17.1	25.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

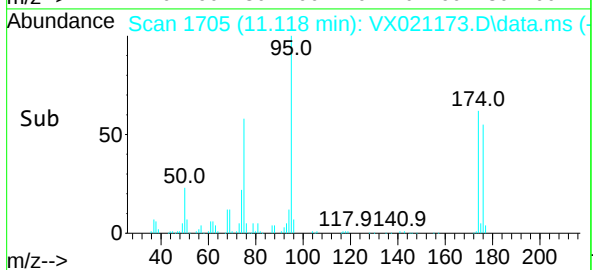
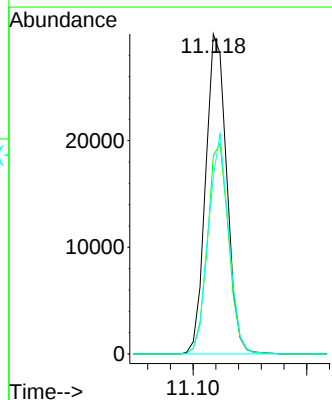
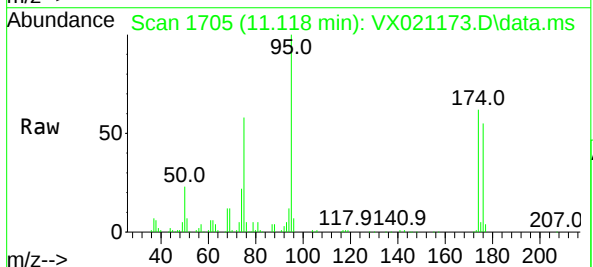
Manual Integrations
APPROVED

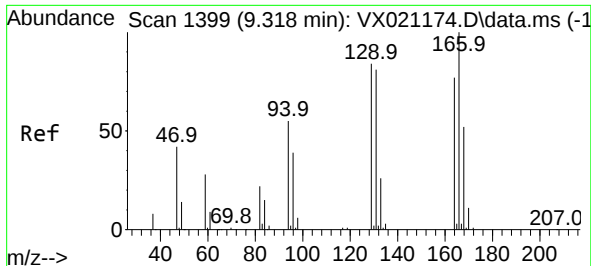
MMDadoda
3/15/2021 3:18:39 PM



#60
4-Bromofluorobenzene
Concen: 33.12 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

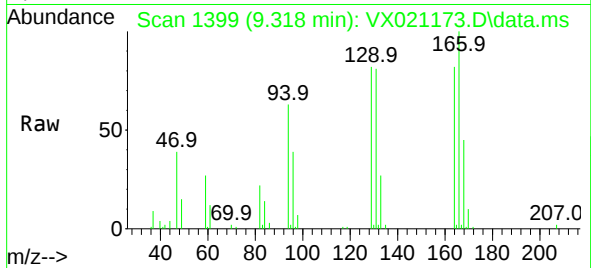
Tgt Ion:	95	Resp:	38593
Ion	Ratio	Lower	Upper
95	100		
174	66.0	63.0	94.4
176	66.7	59.9	89.9





#61
Tetrachloroethene
Concen: 9.90 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

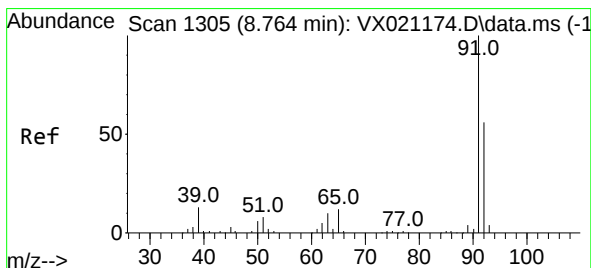
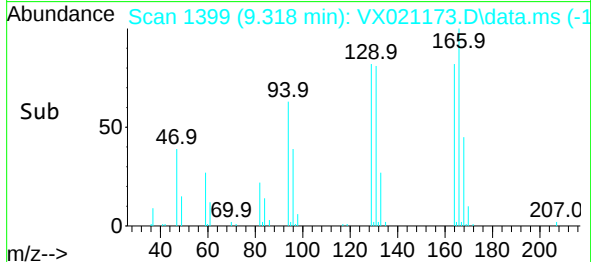
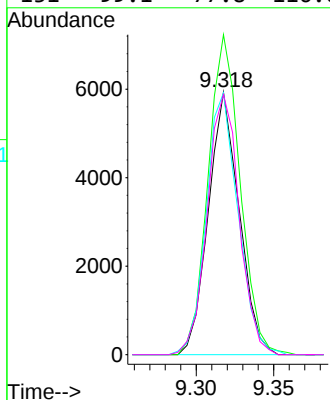
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



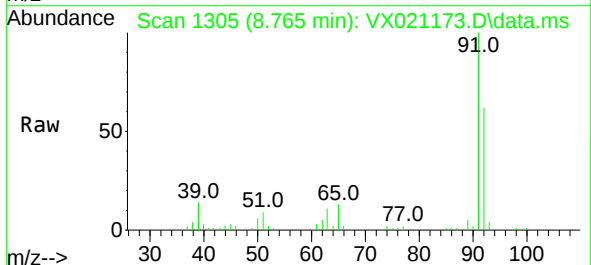
Tgt Ion:	164	Resp:	8187
Ion	Ratio	Lower	Upper
164	100		
166	121.9	102.8	154.2
129	98.4	75.8	113.8
131	99.1	77.8	116.6

Manual Integrations
APPROVED

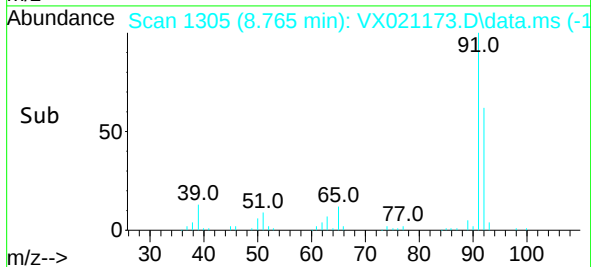
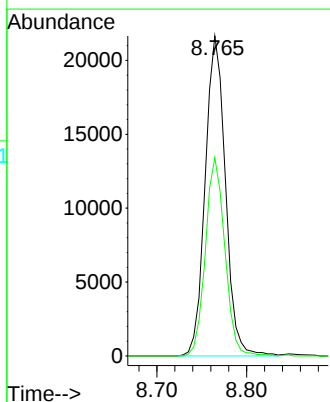
MMDadoda
3/15/2021 3:18:39 PM

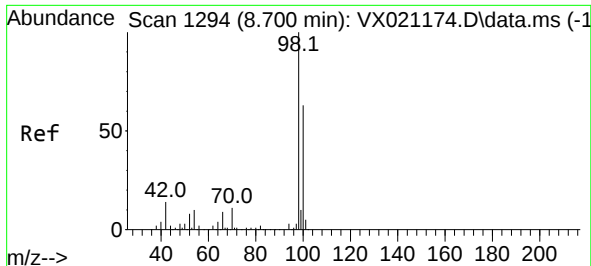


#62
Toluene
Concen: 8.87 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



Tgt Ion:	91	Resp:	33952
Ion	Ratio	Lower	Upper
91	100		
92	59.4	47.2	70.8





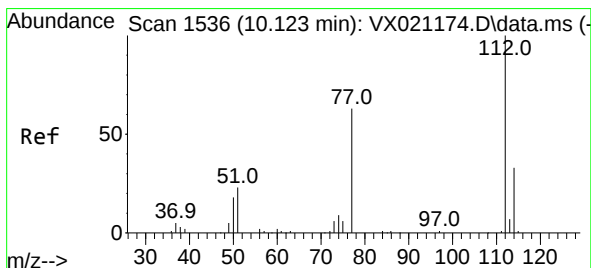
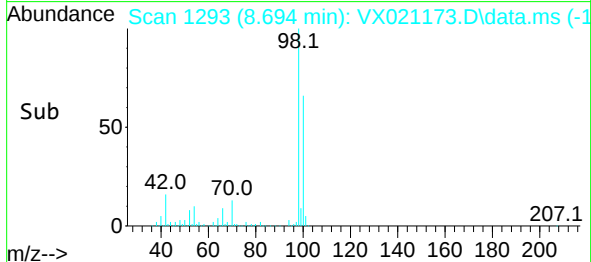
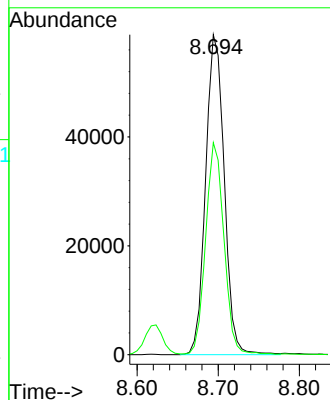
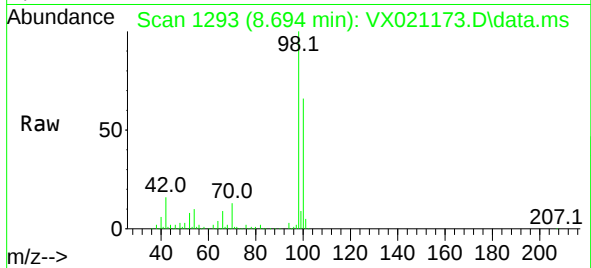
#63
Toluene-d8
Concen: 29.82 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 98 Resp: 93600
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

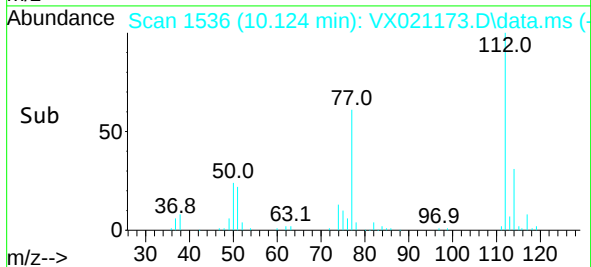
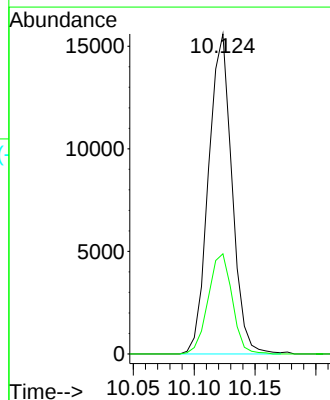
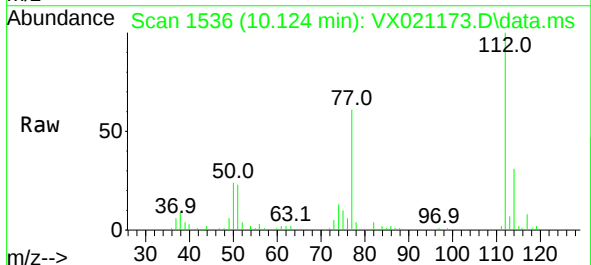
Manual Integrations
APPROVED

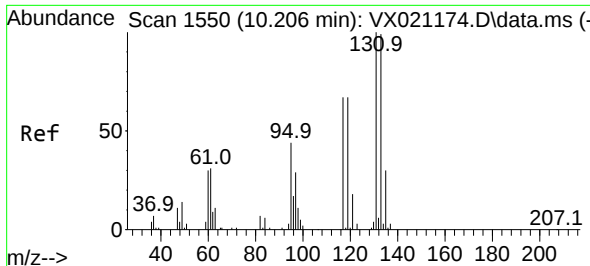
MMDadoda
3/15/2021 3:18:39 PM



#64
Chlorobenzene
Concen: 8.90 ug/l
RT: 10.124 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

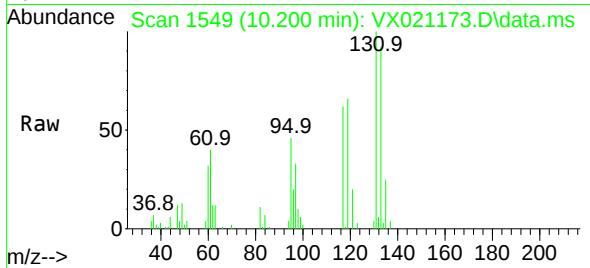
Tgt Ion: 112 Resp: 20907
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 8.86 ug/l
RT: 10.200 min Scan# 1549
Delta R.T. -0.006 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

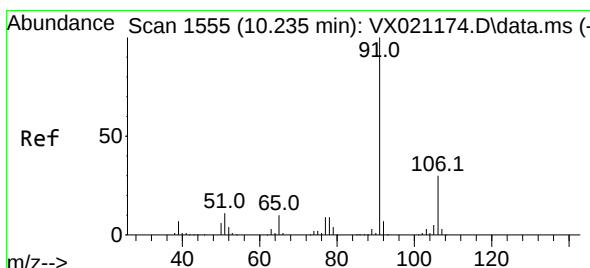
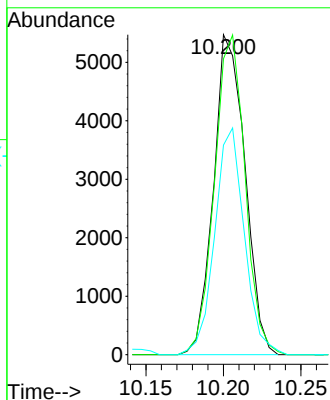
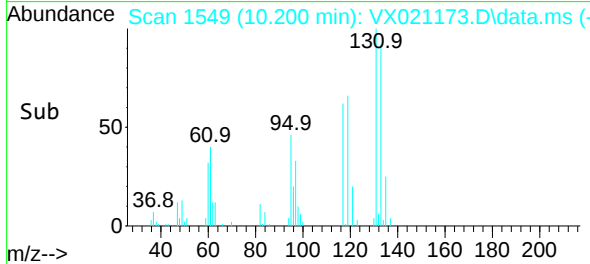
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



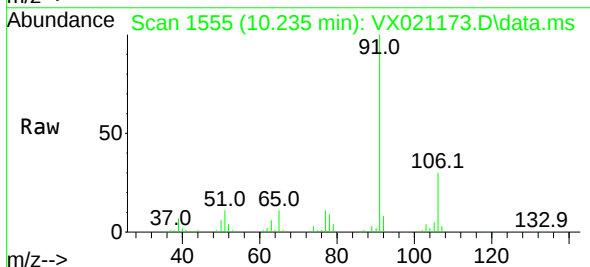
Tgt Ion:131 Resp: 7715
Ion Ratio Lower Upper
131 100
133 97.2 0.0 189.6
119 66.9 0.0 129.0

Manual Integrations
APPROVED

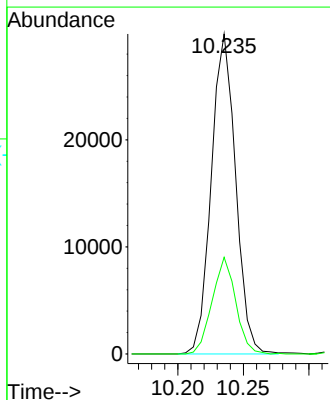
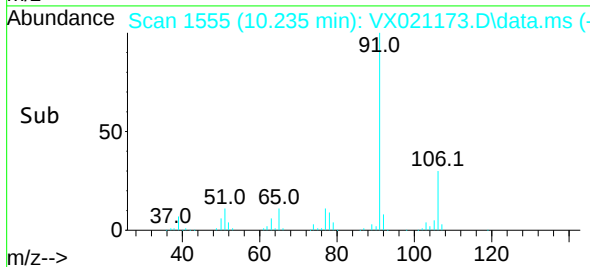
MMDadoda
3/15/2021 3:18:39 PM

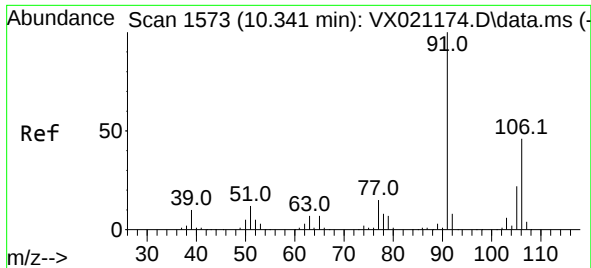


#66
Ethyl Benzene
Concen: 9.03 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



Tgt Ion: 91 Resp: 38547
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4





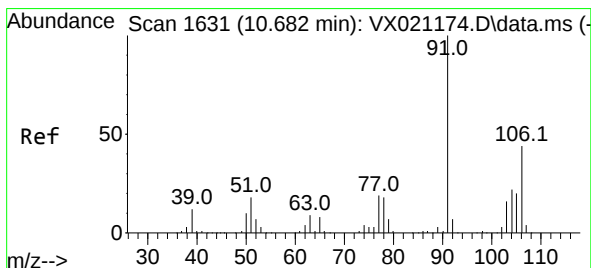
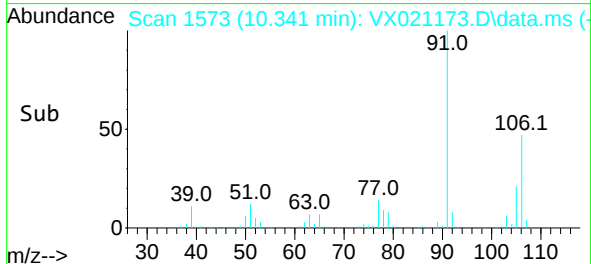
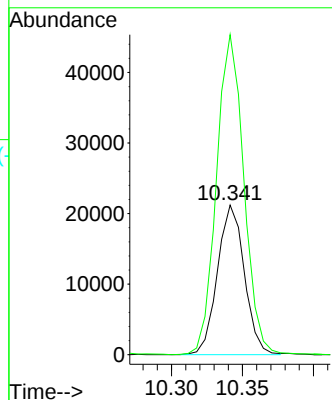
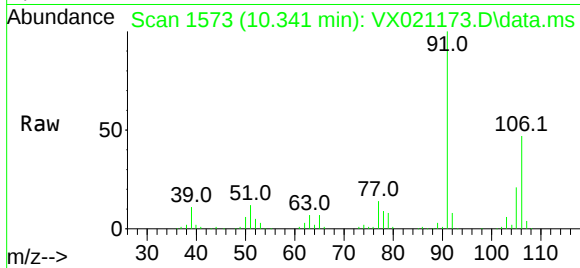
#67
m/p-Xylenes
Concen: 17.72 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion:106 Resp: 28012
Ion Ratio Lower Upper
106 100
91 217.4 164.0 246.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

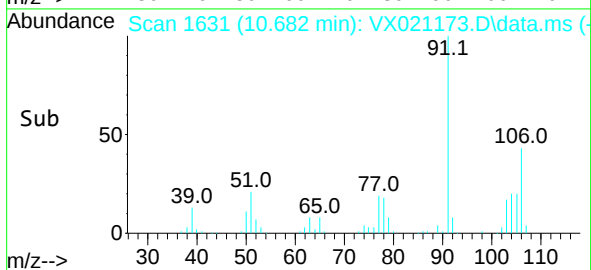
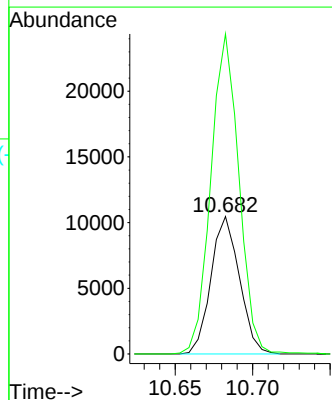
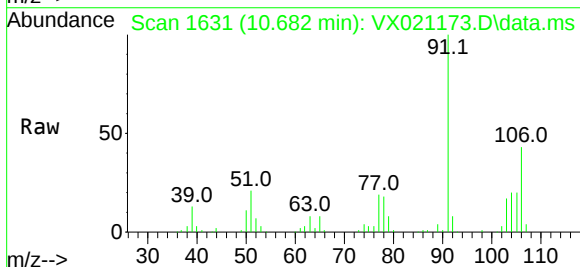
Manual Integrations
APPROVED

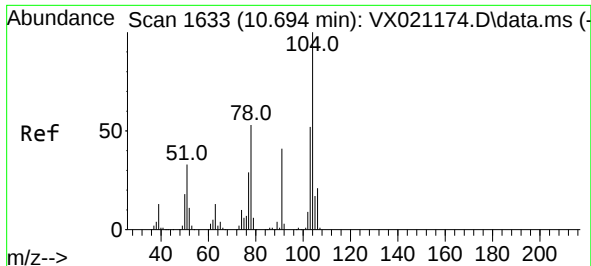
MMDadoda
3/15/2021 3:18:39 PM



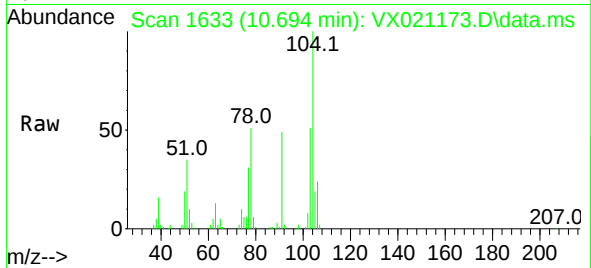
#68
o-Xylene
Concen: 8.88 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion:106 Resp: 13385
Ion Ratio Lower Upper
106 100
91 228.1 106.5 319.6

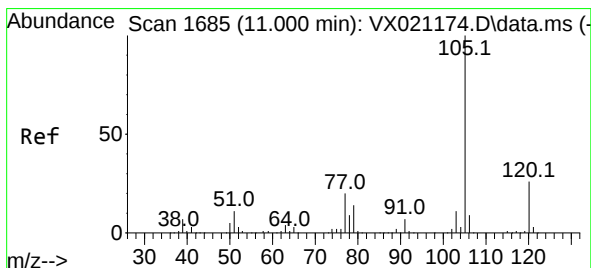
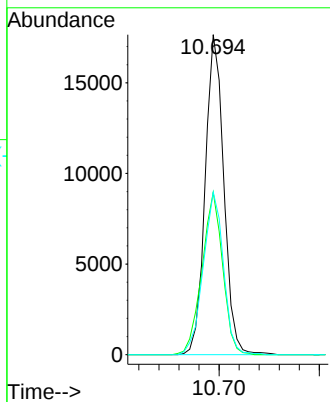
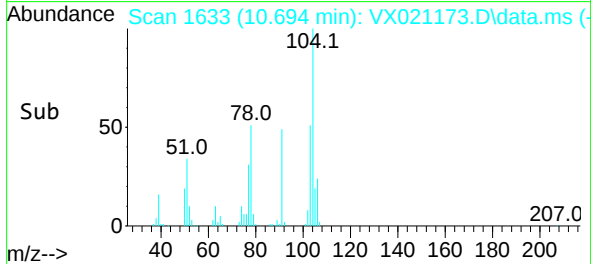




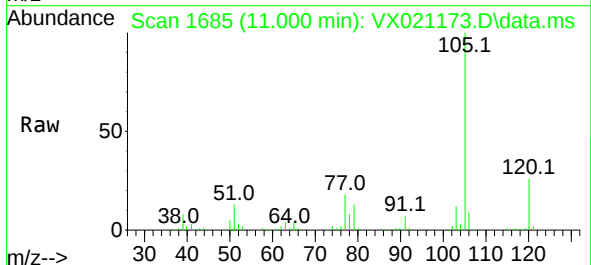
#69
Styrene
Concen: 8.75 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



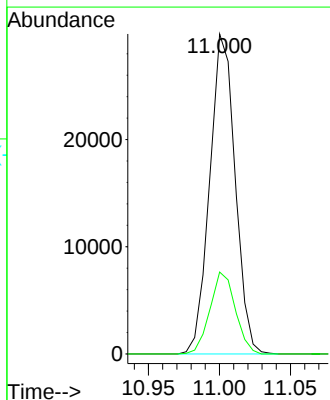
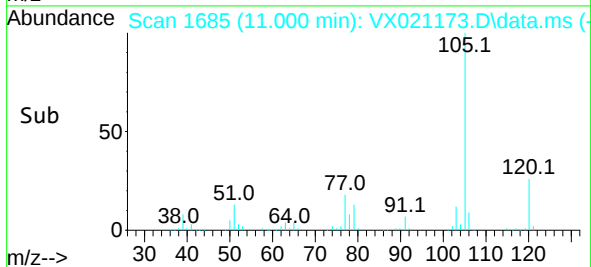
Tgt Ion:104 Resp: 22846
Ion Ratio Lower Upper
104 100
78 56.1 39.2 58.8
103 55.3 43.0 64.4



#70
Isopropylbenzene
Concen: 9.13 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



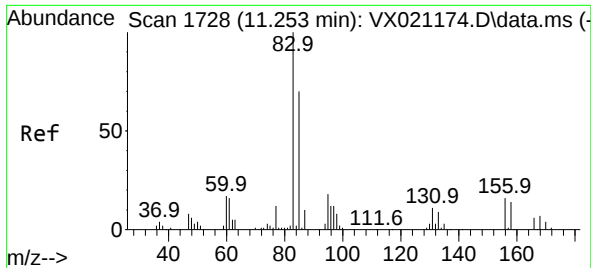
Tgt Ion:105 Resp: 37205
Ion Ratio Lower Upper
105 100
120 25.5 18.4 34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
3/15/2021 3:18:39 PM



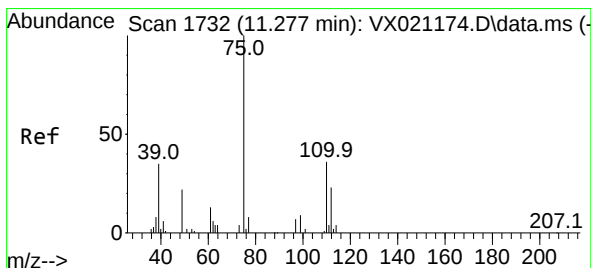
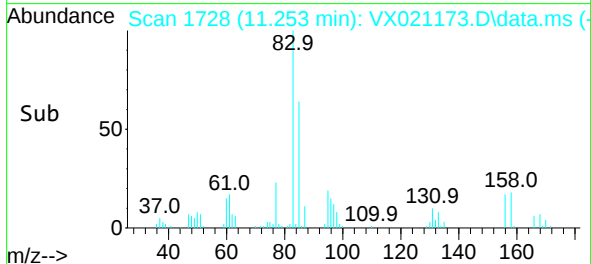
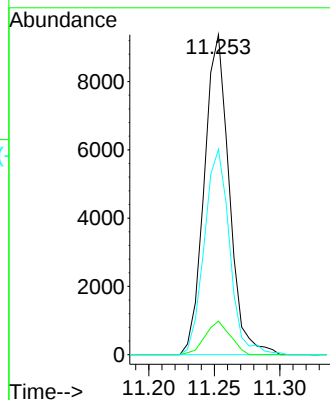
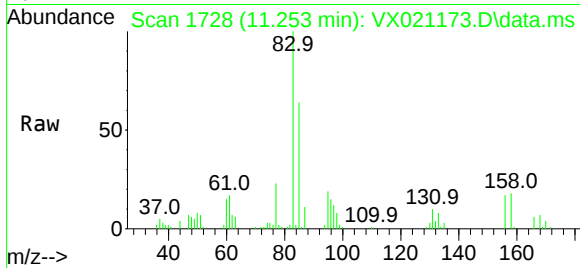
#71
1,1,2,2-Tetrachloroethane
Concen: 9.72 ug/l
RT: 11.253 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 83 Resp: 12420
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 65.1 32.0 96.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

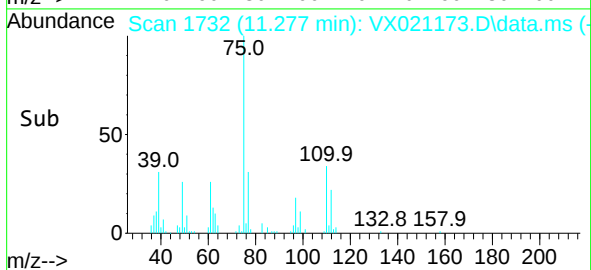
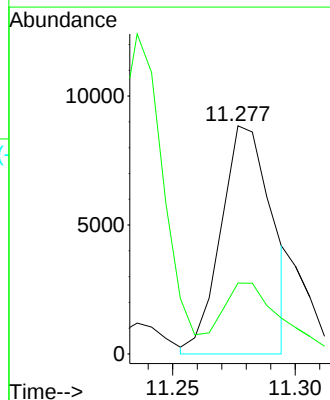
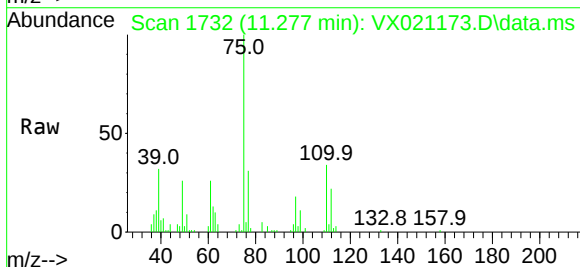
Manual Integrations
APPROVED

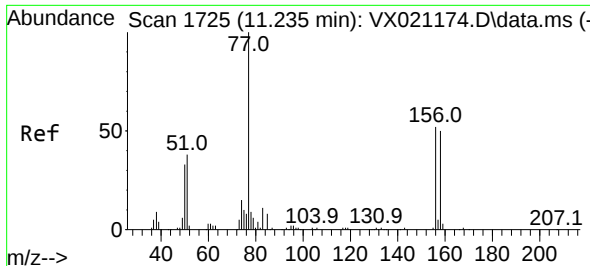
MMDadoda
3/15/2021 3:18:39 PM



#72
1,2,3-Trichloropropane
Concen: 10.88 ug/l m
RT: 11.277 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 75 Resp: 12725
Ion Ratio Lower Upper
75 100
77 37.4 0.0 74.6





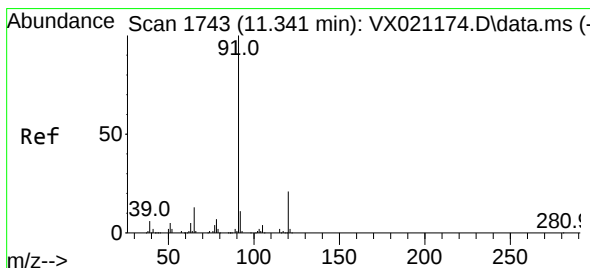
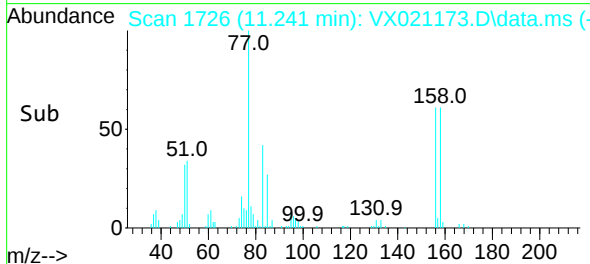
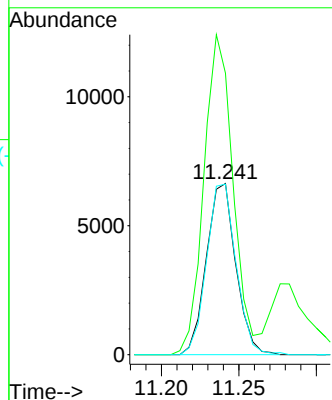
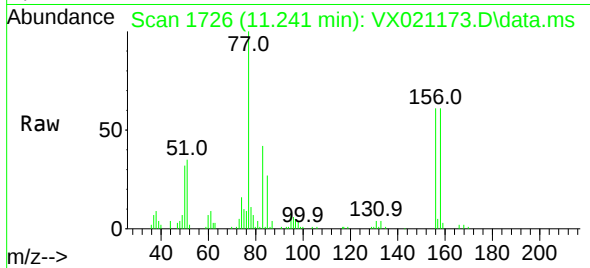
#73
Bromobenzene
Concen: 9.15 ug/l
RT: 11.241 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 156 Resp: 8771
Ion Ratio Lower Upper
156 100
77 183.7 0.0 324.8
158 99.5 0.0 192.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

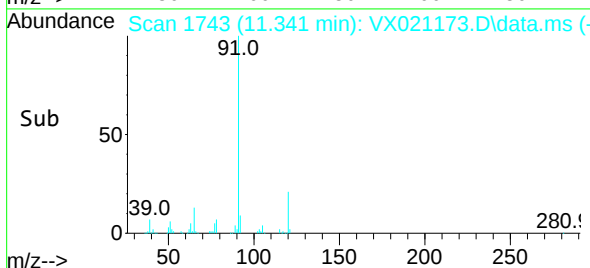
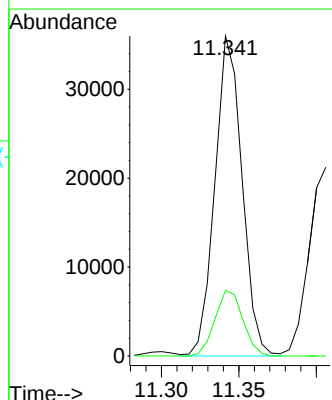
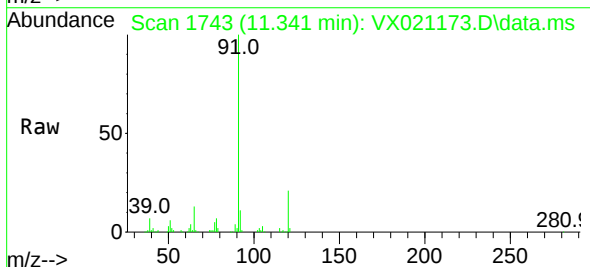
Manual Integrations
APPROVED

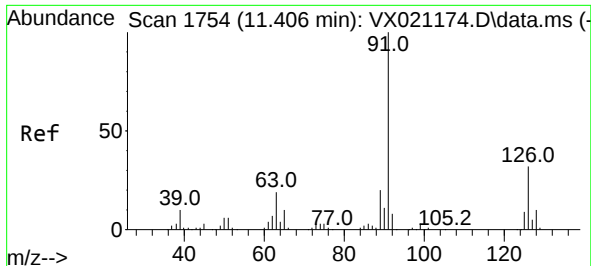
MMDadoda
3/15/2021 3:18:39 PM



#74
n-propylbenzene
Concen: 9.37 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 91 Resp: 43846
Ion Ratio Lower Upper
91 100
120 21.0 0.0 45.8





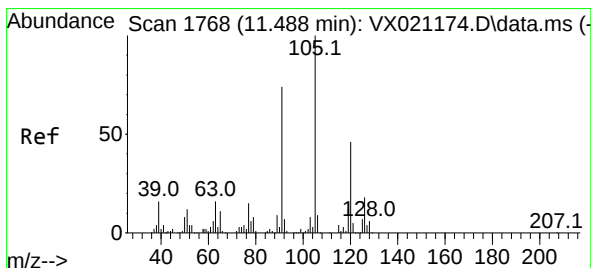
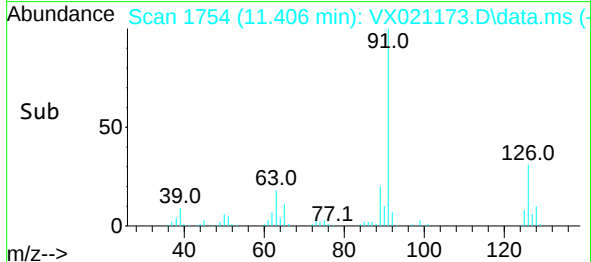
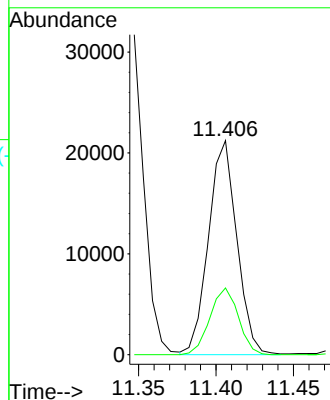
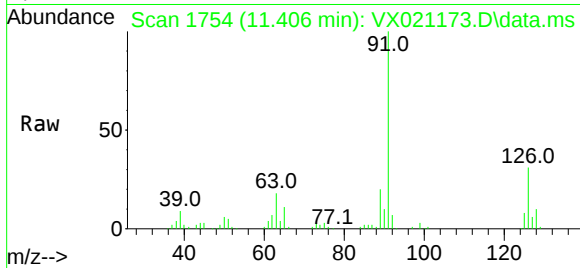
#75
2-Chlorotoluene
Concen: 9.67 ug/l
RT: 11.406 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 91 Resp: 27086
Ion Ratio Lower Upper
91 100
126 31.2 0.0 66.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

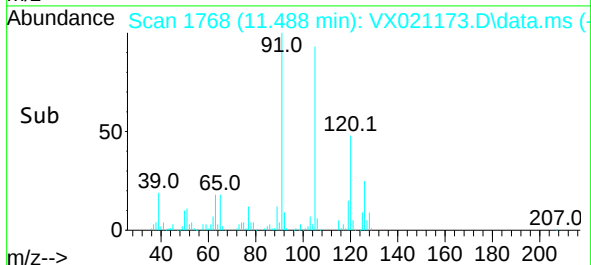
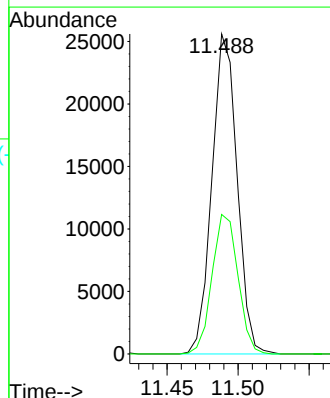
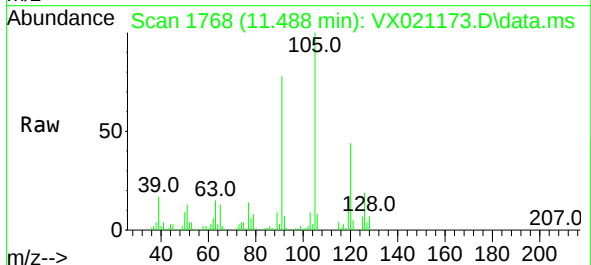
Manual Integrations
APPROVED

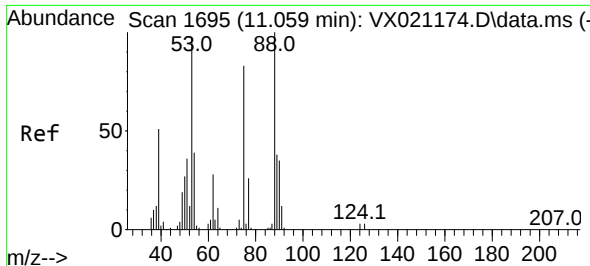
MMDadoda
3/15/2021 3:18:39 PM



#76
1,3,5-Trimethylbenzene
Concen: 9.36 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

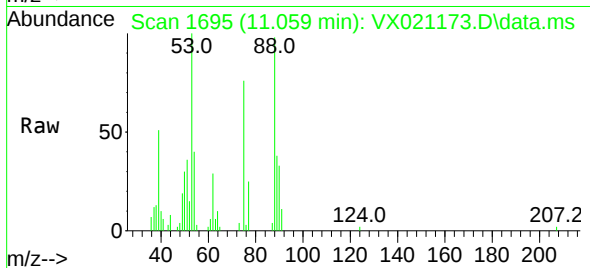
Tgt Ion: 105 Resp: 31538
Ion Ratio Lower Upper
105 100
120 44.9 0.0 96.2



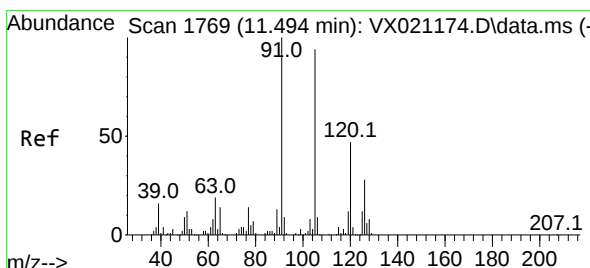
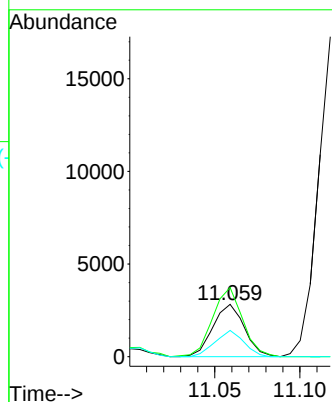
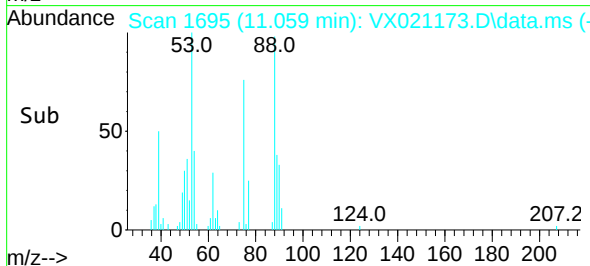


#77
t-1,4-Dichloro-2-butene
Concen: 7.68 ug/l
RT: 11.059 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

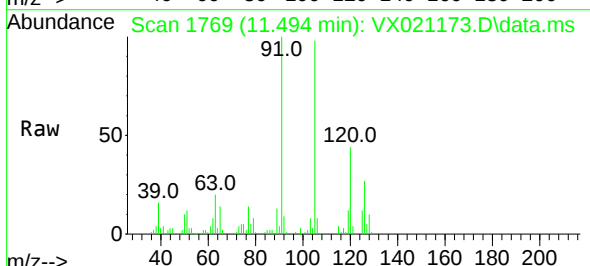
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



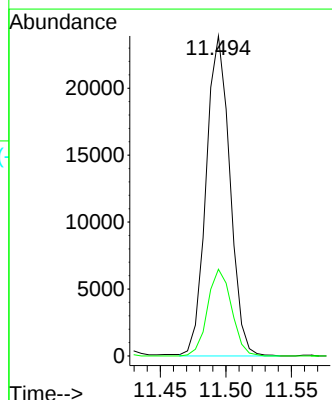
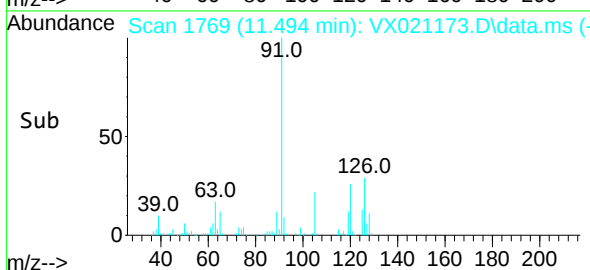
Tgt Ion: 75 Resp: 3626
Ion Ratio Lower Upper
75 100
53 132.1 48.4 145.0
89 50.4 22.7 68.0

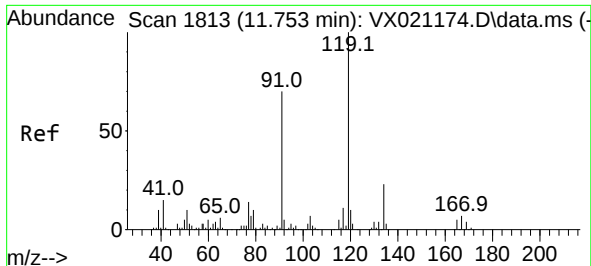


#78
4-Chlorotoluene
Concen: 9.35 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



Tgt Ion: 91 Resp: 30166
Ion Ratio Lower Upper
91 100
126 27.3 0.0 57.8





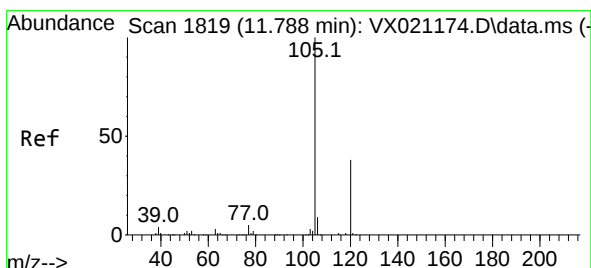
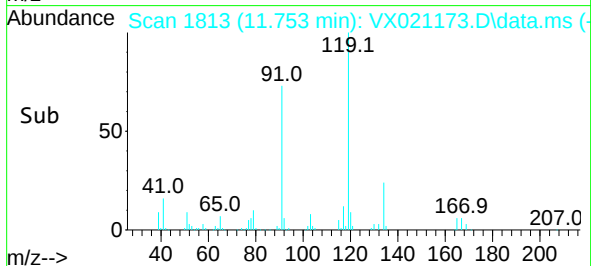
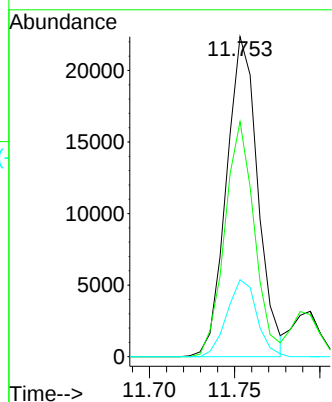
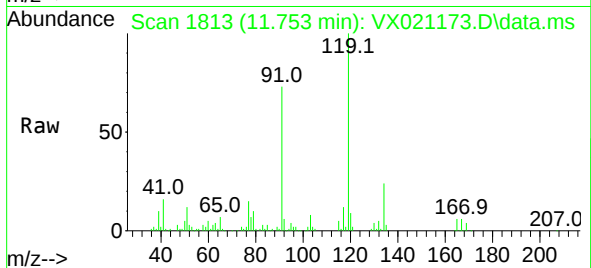
#79
tert-butylbenzene
Concen: 8.91 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion:119 Resp: 28695
Ion Ratio Lower Upper
119 100
91 69.4 0.0 118.0
134 22.9 0.0 48.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

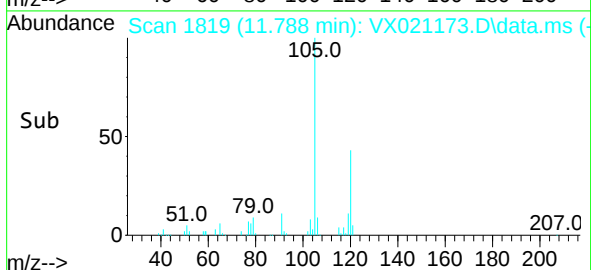
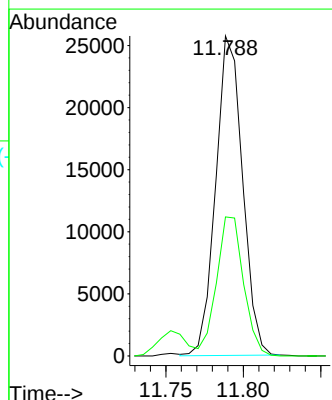
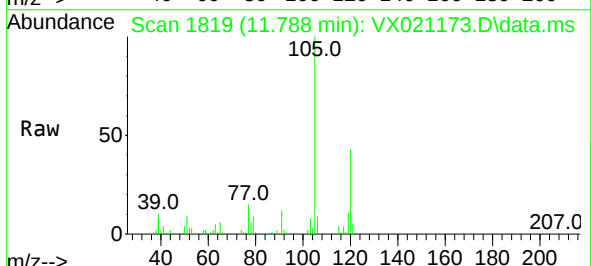
Manual Integrations
APPROVED

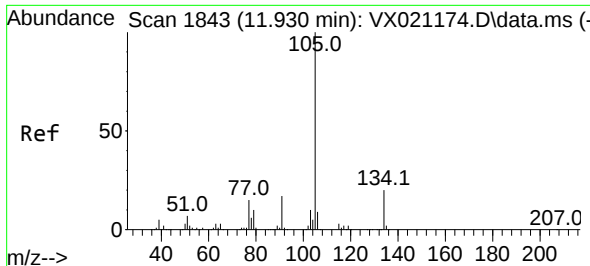
MMDadoda
3/15/2021 3:18:39 PM



#80
1,2,4-Trimethylbenzene
Concen: 9.07 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

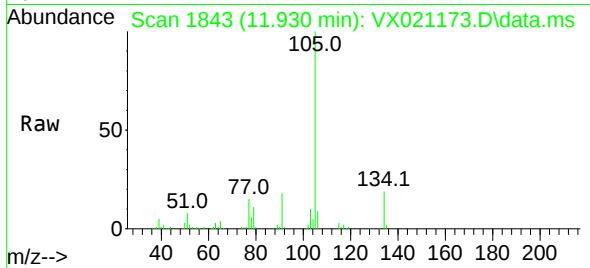
Tgt Ion:105 Resp: 30908
Ion Ratio Lower Upper
105 100
120 43.8 0.0 89.8





#81
 sec-Butylbenzene
 Concen: 8.84 ug/l
 RT: 11.930 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: VX021173.D
 Acq: 12 Mar 2021 10:39

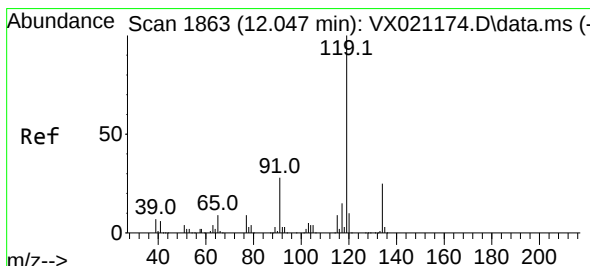
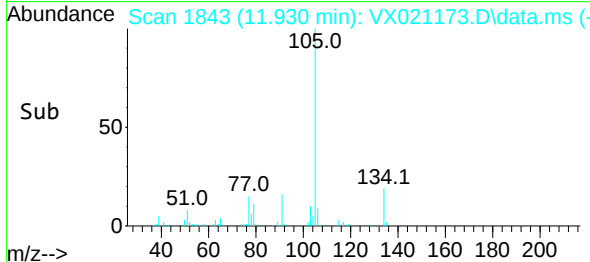
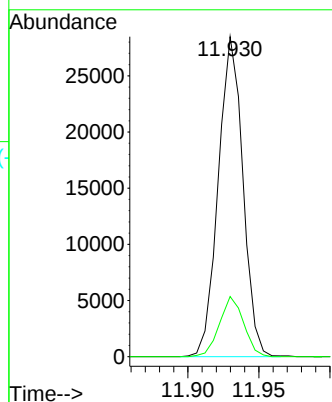
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010



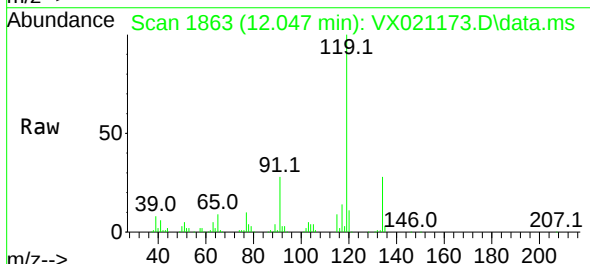
Tgt Ion:105 Resp: 34309
 Ion Ratio Lower Upper
 105 100
 134 18.5 0.0 39.6

Manual Integrations
 APPROVED

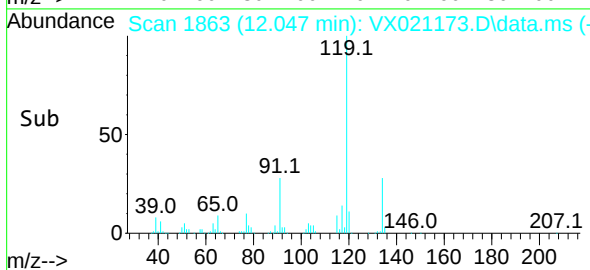
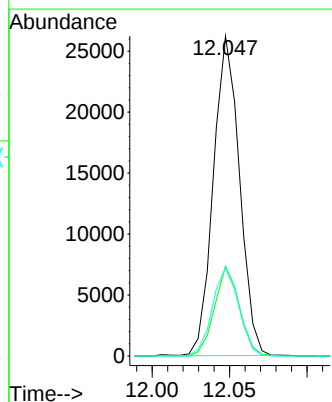
MMDadoda
 3/15/2021 3:18:39 PM

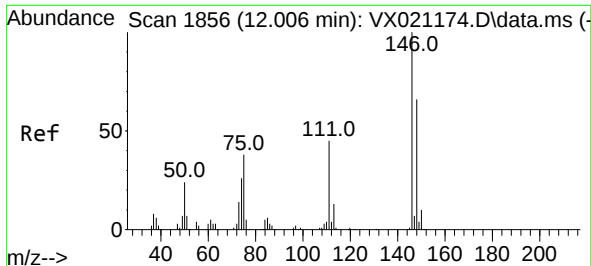


#82
 p-Isopropyltoluene
 Concen: 8.74 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VX021173.D
 Acq: 12 Mar 2021 10:39

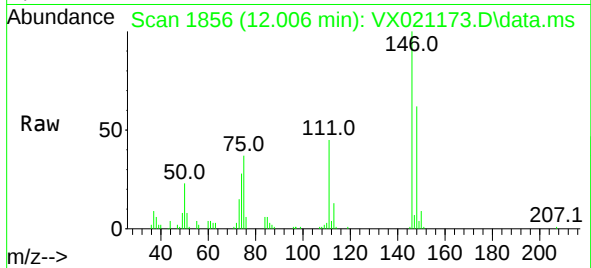


Tgt Ion:119 Resp: 30705
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.8
 91 27.7 0.0 47.4

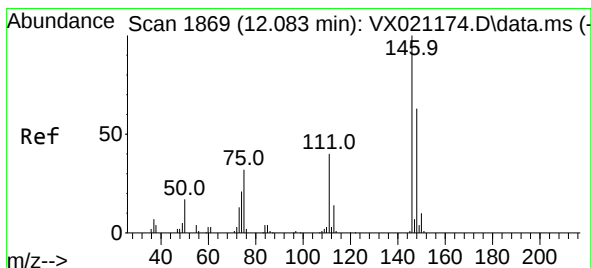
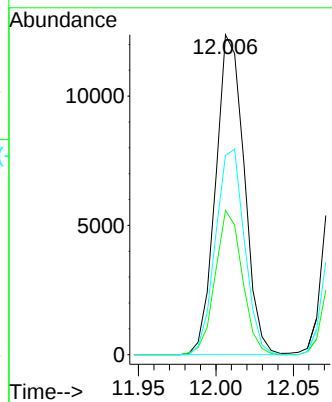
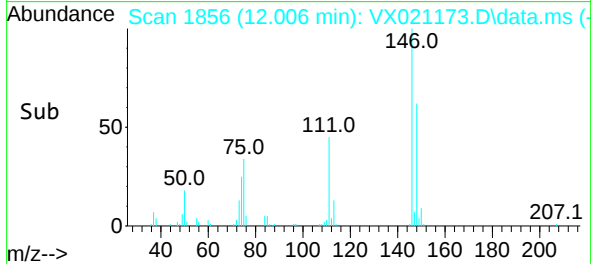




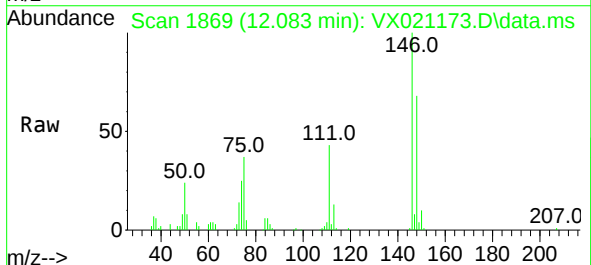
#83
1,3-Dichlorobenzene
Concen: 9.10 ug/l
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



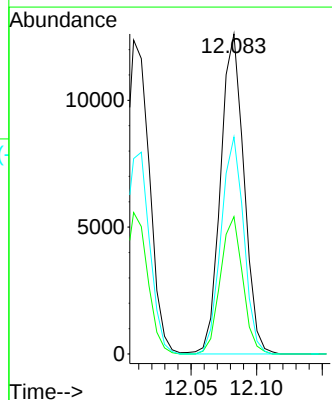
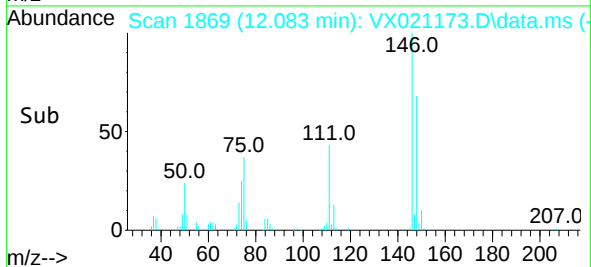
Tgt Ion:146 Resp: 15871
Ion Ratio Lower Upper
146 100
111 42.8 20.3 60.9
148 65.0 31.9 95.9



#84
1,4-Dichlorobenzene
Concen: 9.11 ug/l
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



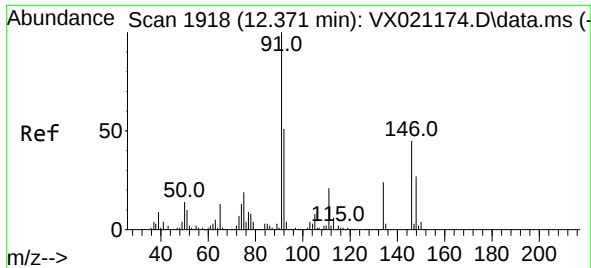
Tgt Ion:146 Resp: 15646
Ion Ratio Lower Upper
146 100
111 40.9 19.1 57.3
148 65.7 31.9 95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
3/15/2021 3:18:39 PM



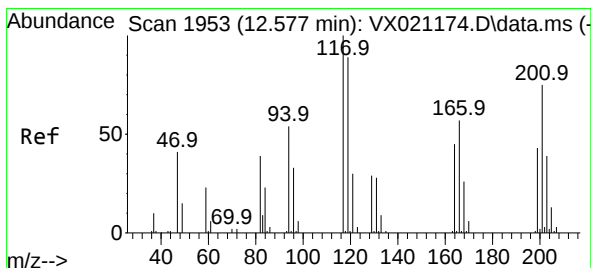
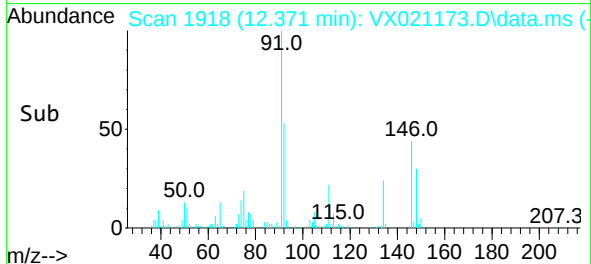
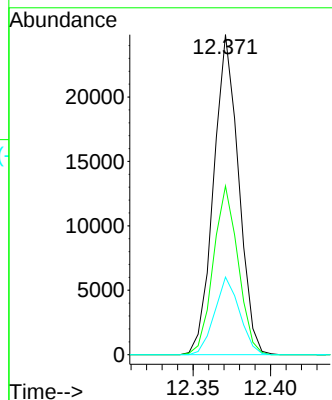
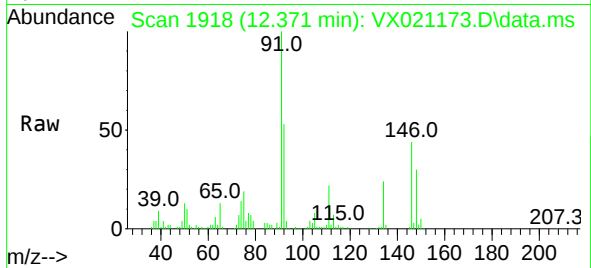
#85
n-Butylbenzene
Concen: 8.76 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion:	91	Resp:	27841
Ion	Ratio	Lower	Upper
91	100		
92	52.2	0.0	109.0
134	24.2	0.0	51.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

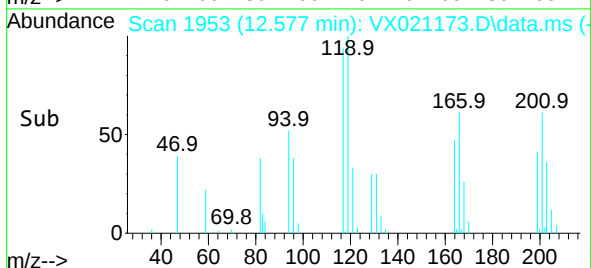
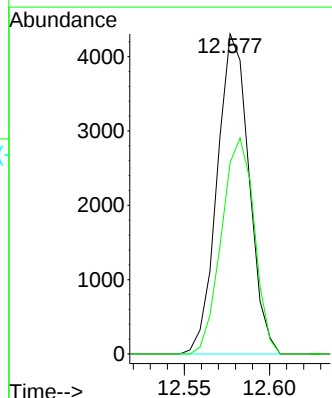
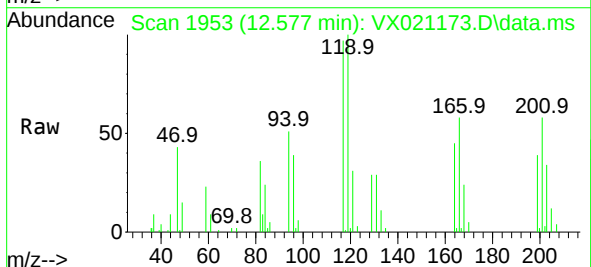
Manual Integrations
APPROVED

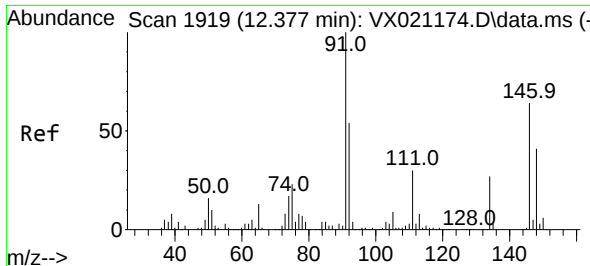
MMDadoda
3/15/2021 3:18:39 PM



#86
Hexachloroethane
Concen: 8.47 ug/l
RT: 12.577 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion:	117	Resp:	5591
Ion	Ratio	Lower	Upper
117	100		
201	69.3	40.5	121.4





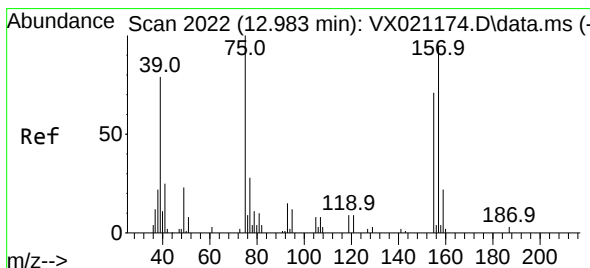
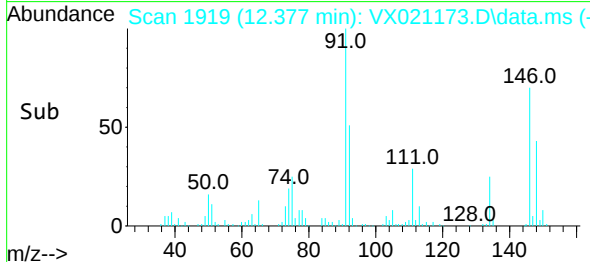
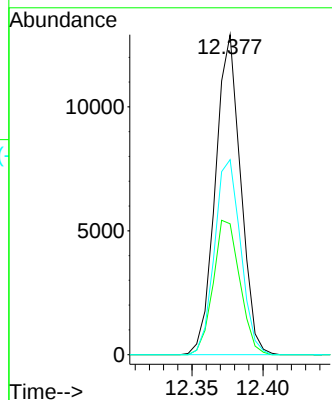
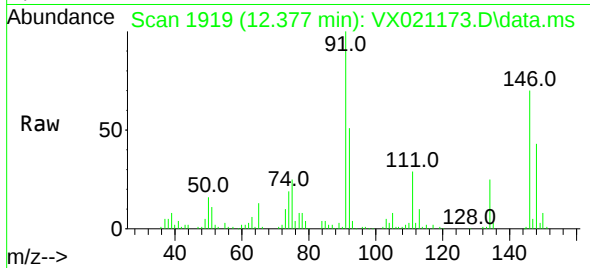
#87
1,2-Dichlorobenzene
Concen: 9.66 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion:146 Resp: 15948
Ion Ratio Lower Upper
146 100
111 44.2 20.8 62.5
148 63.1 32.4 97.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

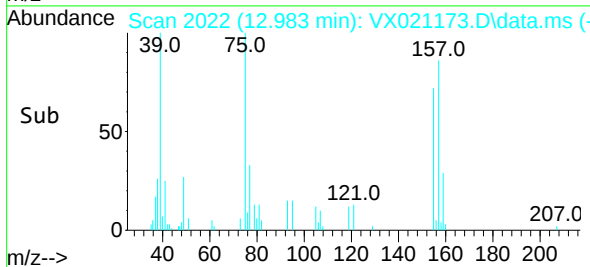
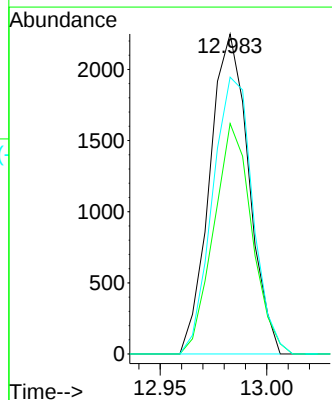
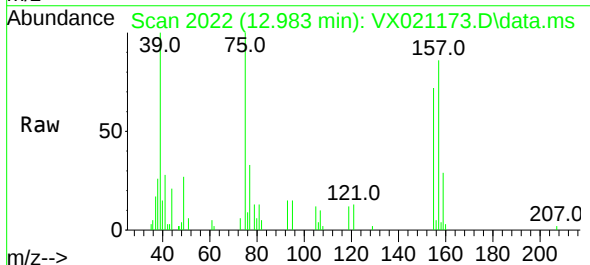
Manual Integrations
APPROVED

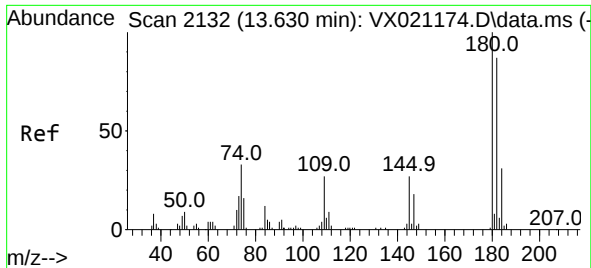
MMDadoda
3/15/2021 3:18:39 PM



#88
1,2-Dibromo-3-Chloropropane
Concen: 9.66 ug/l
RT: 12.983 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion: 75 Resp: 2865
Ion Ratio Lower Upper
75 100
155 70.3 68.9 103.3
157 89.0 91.3 136.9#





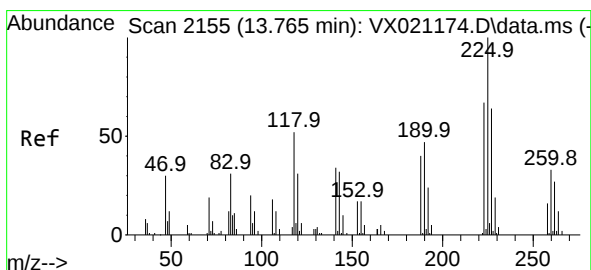
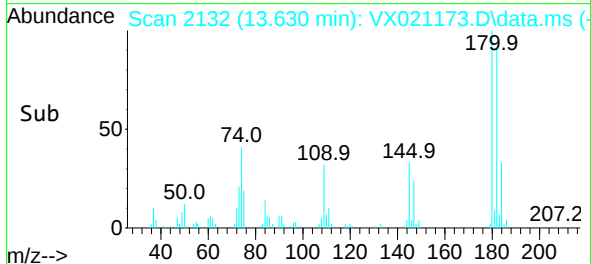
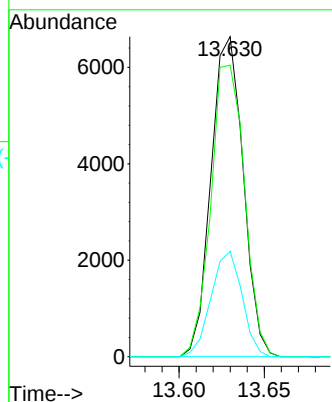
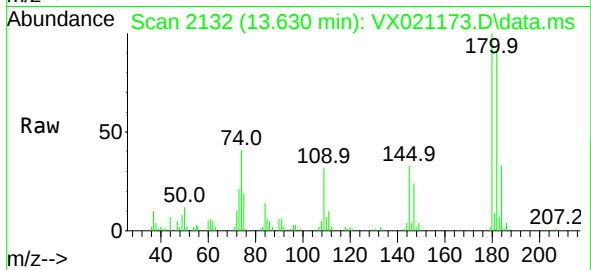
#89
1,2,4-Trichlorobenzene
Concen: 8.03 ug/l
RT: 13.630 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

Tgt Ion:180 Resp: 8720
Ion Ratio Lower Upper
180 100
182 95.5 77.9 116.9
145 31.7 24.3 36.5

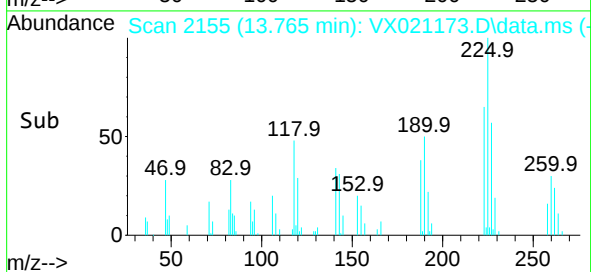
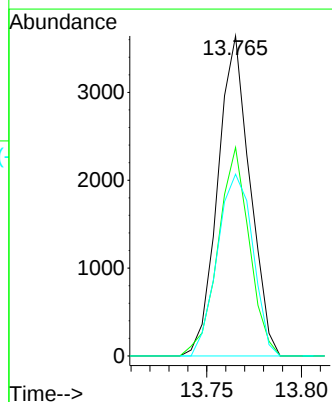
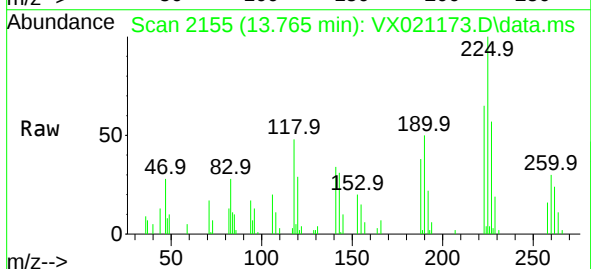
Manual Integrations
APPROVED

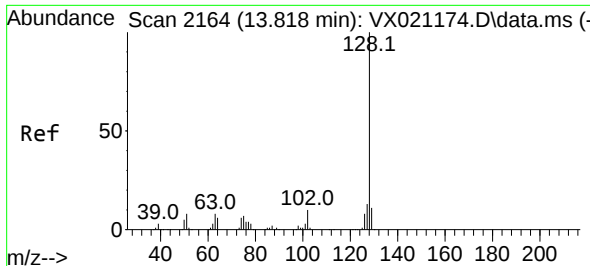
MMDadoda
3/15/2021 3:18:39 PM



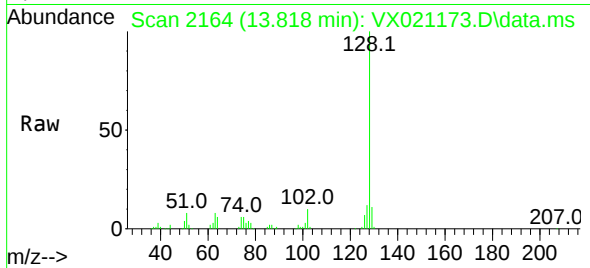
#90
Hexachlorobutadiene
Concen: 9.73 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39

Tgt Ion:225 Resp: 4287
Ion Ratio Lower Upper
225 100
223 63.4 0.0 129.4
227 63.0 0.0 130.4

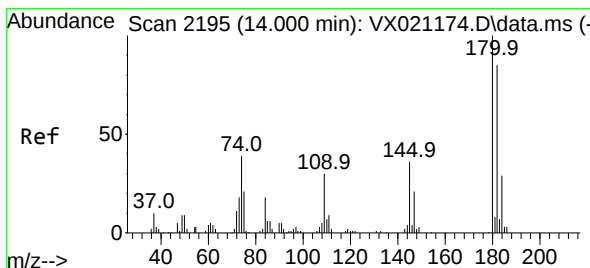
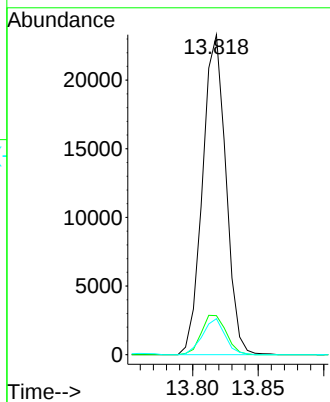
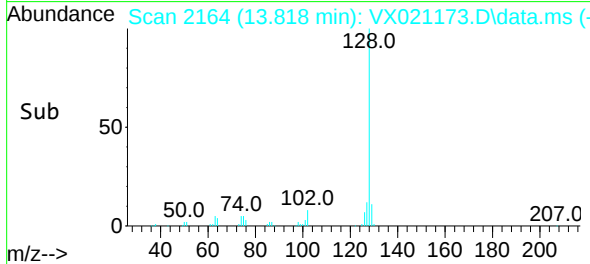




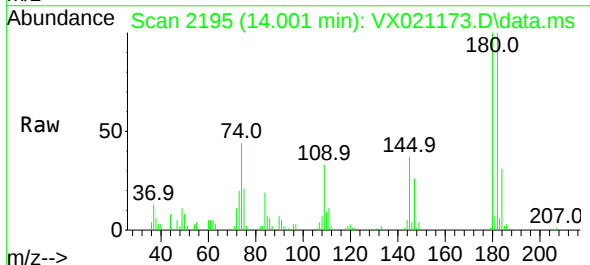
#91
Naphthalene
Concen: 7.76 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



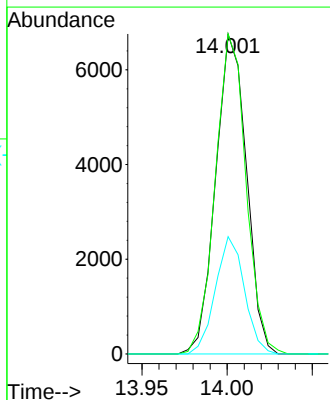
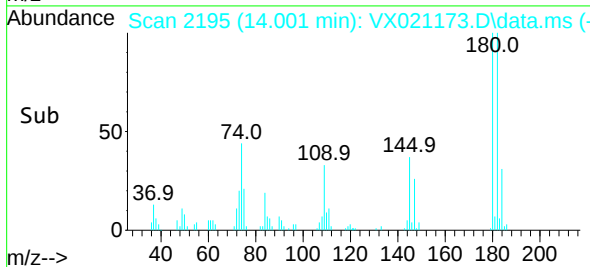
Tgt Ion:128 Resp: 28899
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 7.95 ug/l
RT: 14.001 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VX021173.D
Acq: 12 Mar 2021 10:39



Tgt Ion:180 Resp: 8479
Ion Ratio Lower Upper
180 100
182 99.6 0.0 192.4
145 34.6 0.0 66.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
3/15/2021 3:18:39 PM