

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
 Data File : VU045303.D
 Acq On : 13 Oct 2021 11:38
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

apatel
 10/14/2021 2:37:04 PM

Quant Time: Oct 14 05:06:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:02:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	41792	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	15887	1.013	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	14996	0.846	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	157649	9.692	ug/l	100
3) Chloromethane	1.520	50	158312	8.609	ug/l	100
4) Vinyl Chloride	1.604	62	170094	8.169	ug/l	100
5) Bromomethane	1.858	94	90649	5.647	ug/l	100
6) Chloroethane	1.935	64	105094	6.844	ug/l	100
7) Trichlorofluoromethane	2.141	101	196451	6.121	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	115448	5.934	ug/l	100
9) 1,1-Dichloroethene	2.581	96	107262	5.968	ug/l	100
10) Iodomethane	2.726	142	127219	6.076	ug/l	100
11) Allyl Chloride	2.928	41	161180	7.610	ug/l	100
12) Acrylonitrile	3.327	53	56882m	16.846	ug/l	
13) Acetone	2.642	43	159817m	69.595	ug/l	
14) Carbon Disulfide	2.797	76	328842	6.284	ug/l	100
15) Methylene Chloride	3.051	84	123665	4.300	ug/l	100
16) trans-1,2-Dichloroethene	3.356	96	116338	6.001	ug/l	100
17) 1,1-Dichloroethane	3.877	63	218222	6.603	ug/l	100
18) 2-Butanone	4.716	43	213614	54.451	ug/l	100
19) Cyclohexane	5.394	56	204062m	6.826	ug/l	
20) Methylcyclohexane	6.767	83	207989	11.105	ug/l	100
21) 2,2-Dichloropropane	4.671	77	185169	6.121	ug/l	100
22) cis-1,2-Dichloroethene	4.674	96	128947	5.839	ug/l	100
23) Diethyl Ether	2.382	59	100394	7.644	ug/l	100
24) tert-Butyl Alcohol	3.218	59	70130	98.834	ug/l	100
25) Methyl tert-Butyl Ether	3.372	73	302494	6.712	ug/l	100
26) Bromochloromethane	4.980	128	53518	5.185	ug/l	100
27) Chloroform	5.095	83	217067	5.688	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	183660	5.665	ug/l	100
29) 1,1-Dichloropropene	5.533	75	169027	10.726	ug/l	100
30) Carbon Tetrachloride	5.530	117	143372	9.473	ug/l	100
31) Isopropyl Ether	4.002	45	351801	7.436	ug/l	100
32) Ethyl-t-butyl ether	4.510	59	355423	6.892	ug/l	100
33) Tert-Amyl methyl ether	5.948	73	318331	11.701	ug/l	100
34) Propionitrile	4.790	54	52994	50.344	ug/l	100
35) Benzene	5.780	78	479908	10.660	ug/l	100
36) 1,2-Dichloroethane	5.800	62	151515	10.364	ug/l	100
37) Trichloroethene	6.546	130	119297	9.414	ug/l	100
38) 1,2-Dichloropropane	6.796	63	126576	11.124	ug/l	100
39) Methacrylonitrile	4.980	41	41151	7.312	ug/l	100
40) Methyl acrylate	4.851	55	75117	8.040	ug/l	100
41) Tetrahydrofuran	5.067	42	45179	15.732	ug/l	100
42) 1-Chlorobutane	5.465	56	239900	11.636	ug/l	100
43) Dibromomethane	6.925	93	62655	9.284	ug/l	100
44) Bromodichloromethane	7.111	83	158877	10.121	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
 Data File : VU045303.D
 Acq On : 13 Oct 2021 11:38
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

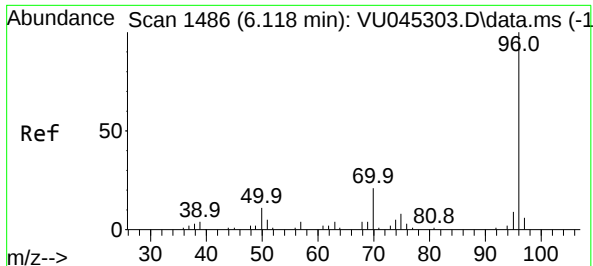
Manual Integrations
 APPROVED

apatel
 10/14/2021 2:37:04 PM

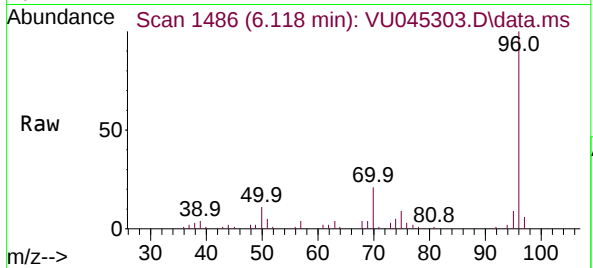
Quant Time: Oct 14 05:06:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:02:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	434255	60.142	ug/l	100
46) t-1,4-Dichloro-2-butene	10.838	75	66497m	22.417	ug/l	
47) Methyl methacrylate	6.967	69	131106	22.559	ug/l	100
48) Ethyl methacrylate	8.336	69	133868	11.472	ug/l	100
49) Toluene	7.973	92	304406	10.435	ug/l	100
50) t-1,3-Dichloropropene	8.214	75	157982	11.320	ug/l	100
51) cis-1,3-Dichloropropene	7.613	75	183972	11.510	ug/l	100
52) 1,1,2-Trichloroethane	8.404	97	90549	9.469	ug/l	100
53) 1,3-Dichloropropane	8.581	76	164853	9.908	ug/l	100
54) 2-Hexanone	8.690	43	334727	64.259	ug/l	100
55) Dibromochloromethane	8.816	129	97951	9.145	ug/l	100
56) 1,2-Dibromoethane	8.928	107	86415	9.266	ug/l	100
58) Tetrachloroethene	8.558	164	104375	8.860	ug/l	100
59) Chlorobenzene	9.452	112	312100	9.563	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.539	131	104356	9.015	ug/l	100
61) Pentachloroethane	11.433	117	79481	8.789	ug/l	100
62) Hexachloroethane	12.481	117	83167	9.129	ug/l	100
63) Ethyl Benzene	9.574	91	580245	10.642	ug/l	100
64) m/p-Xylenes	9.697	106	442413	20.467	ug/l	100
65) o-Xylene	10.105	106	212825	10.162	ug/l	100
66) Styrene	10.118	104	359947	10.239	ug/l	100
67) Bromoform	10.295	173	51973	8.719	ug/l	100
69) Isopropylbenzene	10.488	105	568614	10.382	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.787	83	116305	9.073	ug/l	100
71) 1,2,3-Trichloropropane	10.832	75	87427m	9.415	ug/l	
72) Bromobenzene	10.787	156	122156	8.862	ug/l	100
73) n-propylbenzene	10.909	120	150294	9.960	ug/l	100
74) 2-Chlorotoluene	10.989	126	126867	9.384	ug/l	100
75) 1,3,5-Trimethylbenzene	11.092	105	481329	10.248	ug/l	100
76) 4-Chlorotoluene	11.102	126	130747	9.185	ug/l	100
77) tert-Butylbenzene	11.423	119	457773	9.808	ug/l	100
78) 1,2,4-Trimethylbenzene	11.471	105	493228	10.274	ug/l	100
79) sec-Butylbenzene	11.648	105	630980	9.953	ug/l	100
80) Nitrobenzene	13.211	77	18459	61.388	ug/l	100
81) p-Isopropyltoluene	11.796	119	521202	10.090	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	242051	8.794	ug/l	100
83) 1,4-Dichlorobenzene	11.841	146	239635	8.686	ug/l	100
84) n-Butylbenzene	12.211	91	507616	10.316	ug/l	100
85) 1,2-Dichlorobenzene	12.217	146	229697	8.380	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.999	75	20209	10.685	ug/l	100
87) 1,2,4-Trichlorobenzene	13.844	180	150611	8.816	ug/l	100
88) Hexachlorobutadiene	14.024	225	68297	7.278	ug/l	100
89) Naphthalene	14.089	128	306579	9.244	ug/l	100
90) 1,2,3-Trichlorobenzene	14.333	180	139312	8.442	ug/l	100

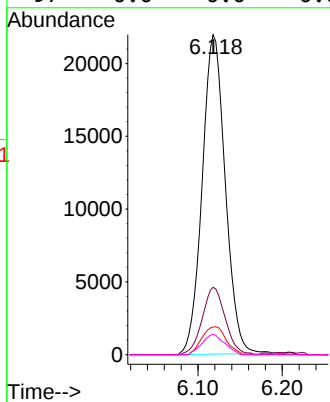
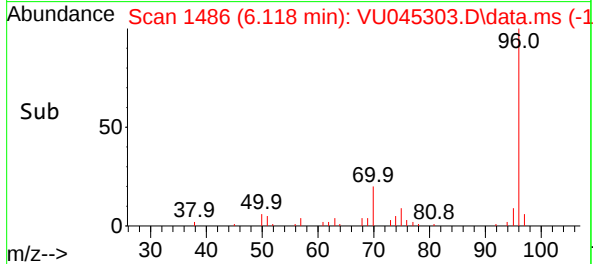
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



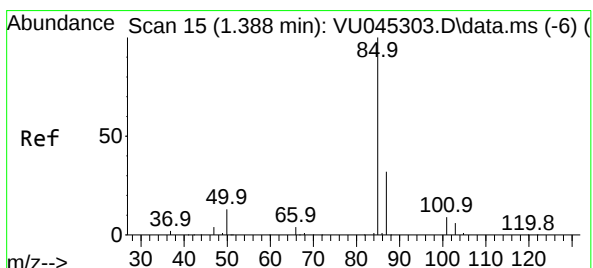
Tgt Ion:	96	Resp:	41792
Ion	Ratio	Lower	Upper
96	100		
70	21.0	16.8	25.2
95	9.1	7.3	10.9
97	0.0	0.0	0.0



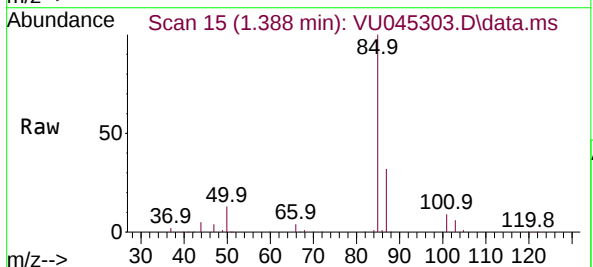
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations
APPROVED

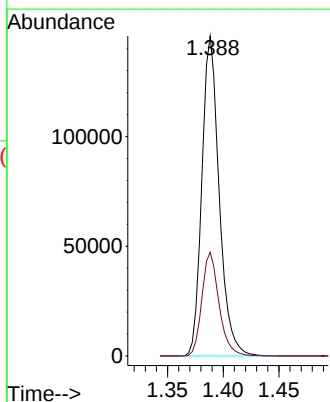
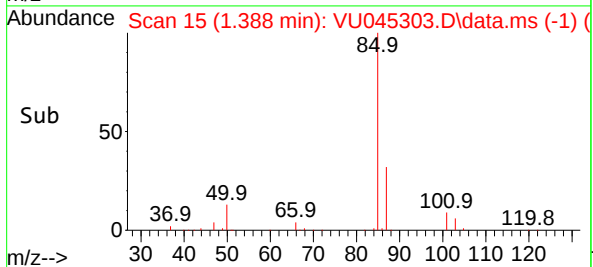
apatel
10/14/2021 2:37:04 PM

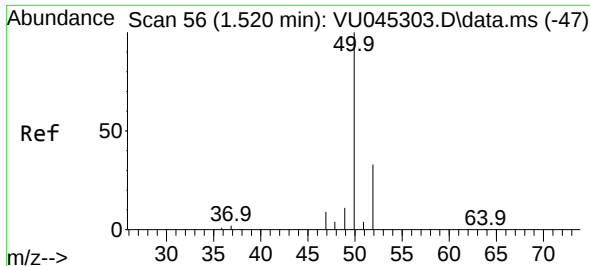


#2
Dichlorodifluoromethane
Concen: 9.692 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



Tgt Ion:	85	Resp:	157649
Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.2	48.6





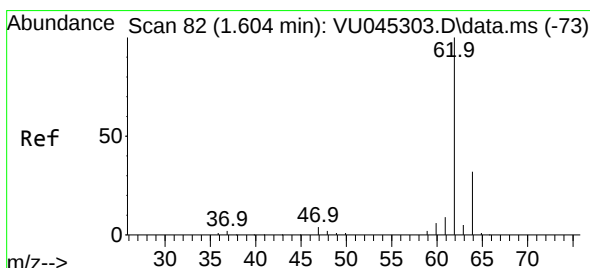
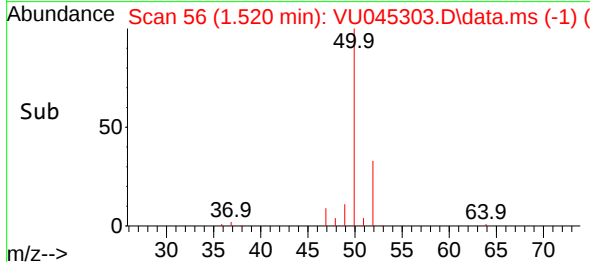
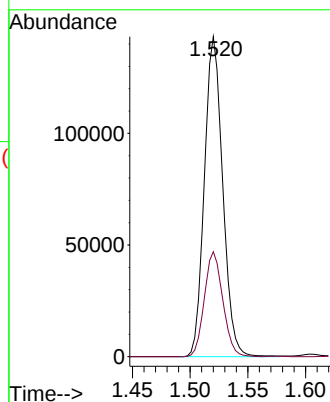
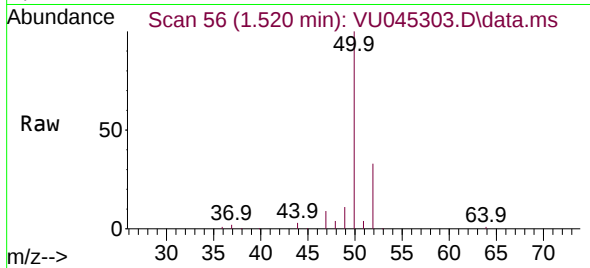
#3
Chloromethane
Concen: 8.609 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 50 Resp: 158312
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

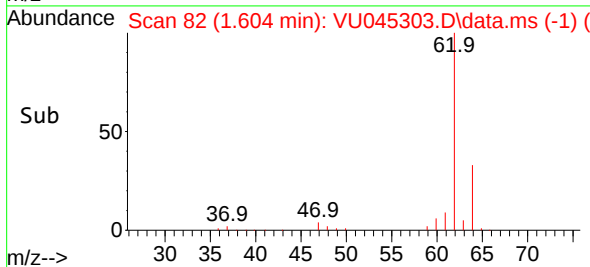
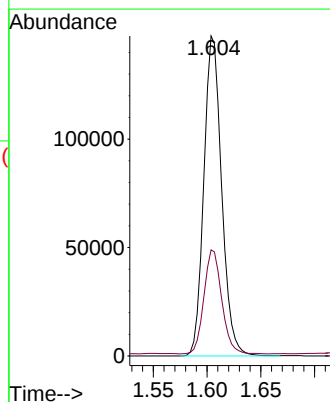
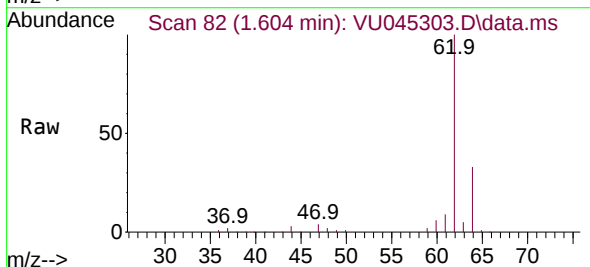
Manual Integrations
APPROVED

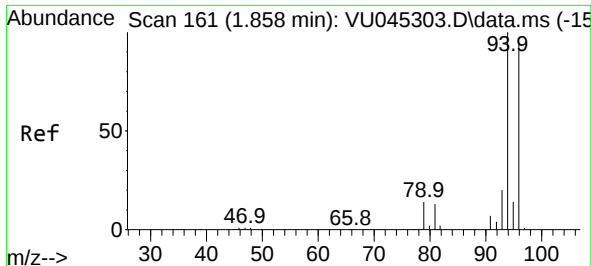
apatel
10/14/2021 2:37:04 PM



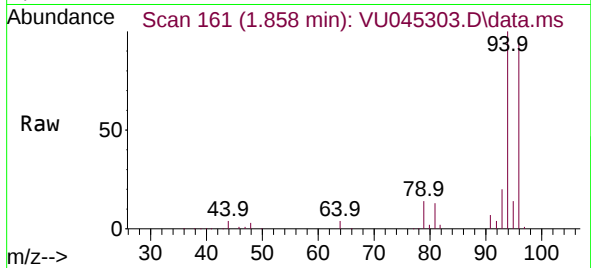
#4
Vinyl Chloride
Concen: 8.169 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 62 Resp: 170094
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

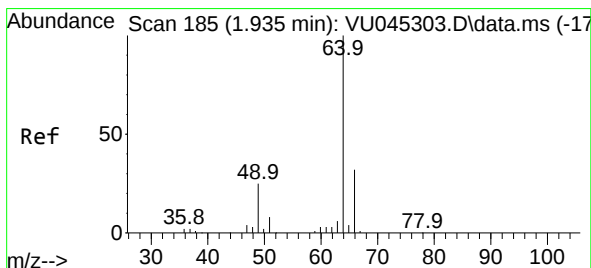
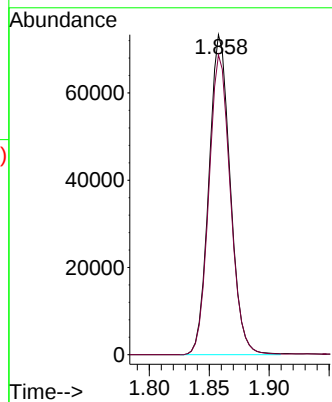
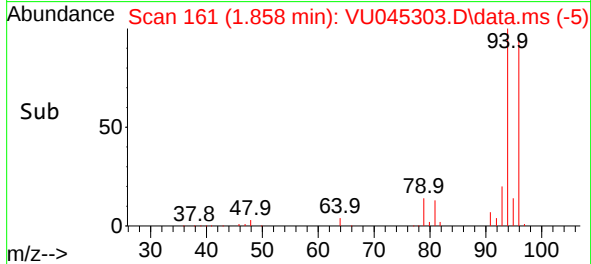




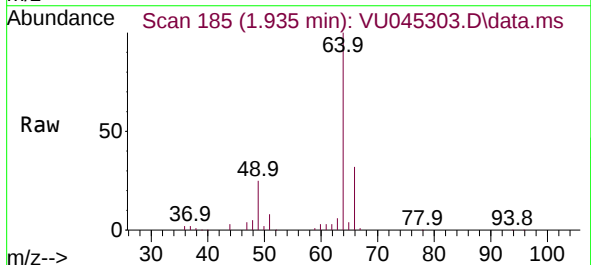
#5
Bromomethane
Concen: 5.647 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



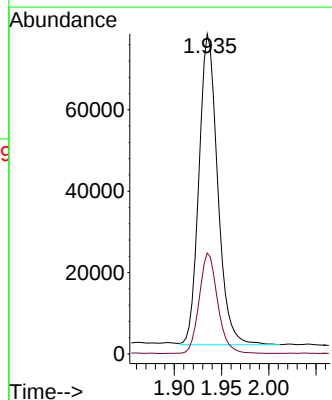
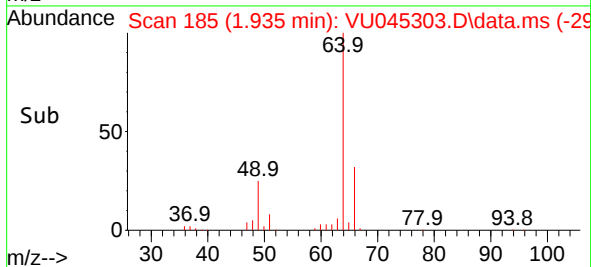
Tgt Ion: 94 Resp: 90649
Ion Ratio Lower Upper
94 100
96 93.7 75.0 112.4



#6
Chloroethane
Concen: 6.844 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



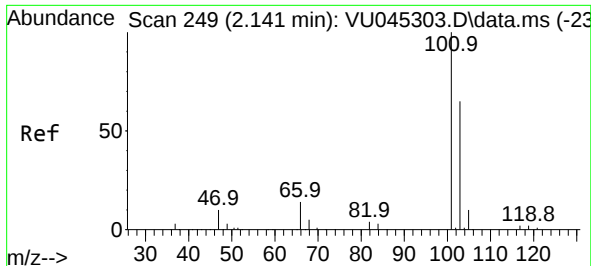
Tgt Ion: 64 Resp: 105094
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations
APPROVED

apatel
10/14/2021 2:37:04 PM



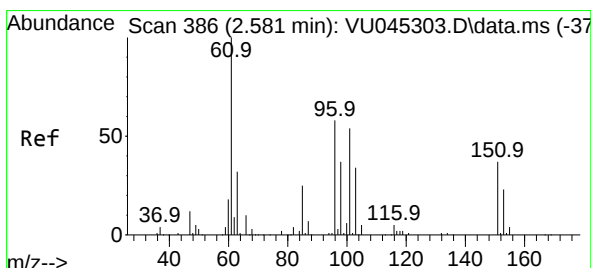
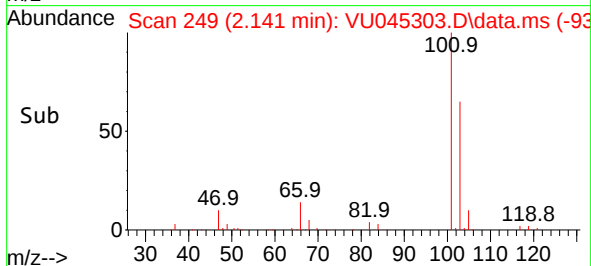
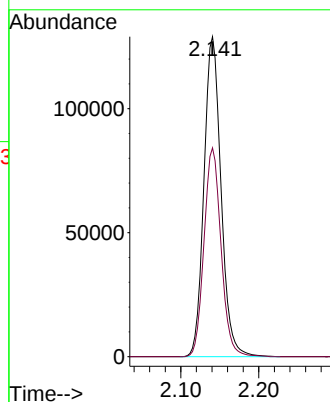
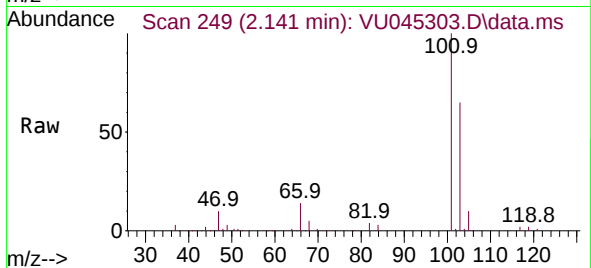
#7
Trichlorofluoromethane
Concen: 6.121 ug/l
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:101 Resp: 196451
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

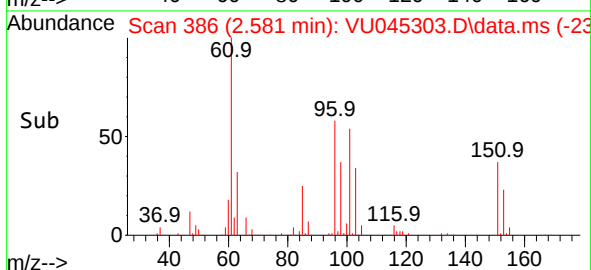
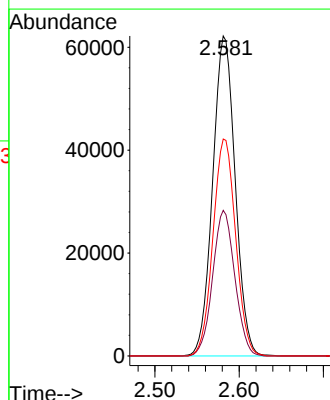
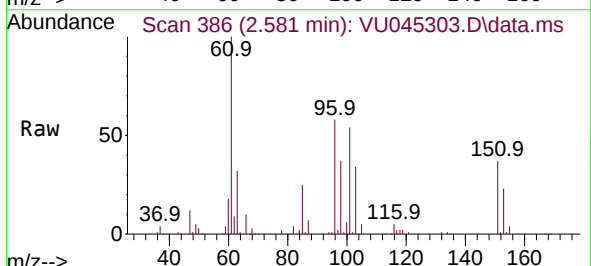
Manual Integrations
APPROVED

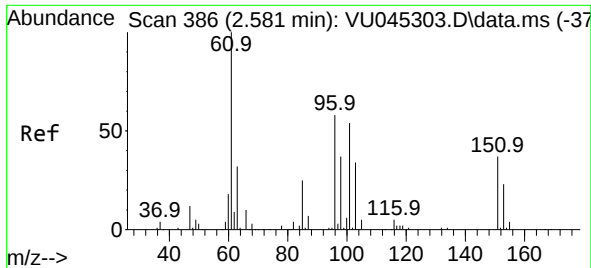
apatel
10/14/2021 2:37:04 PM



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.934 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:101 Resp: 115448
Ion Ratio Lower Upper
101 100
85 44.7 35.8 53.6
151 68.2 54.6 81.8





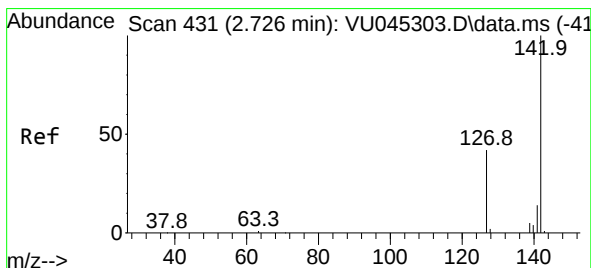
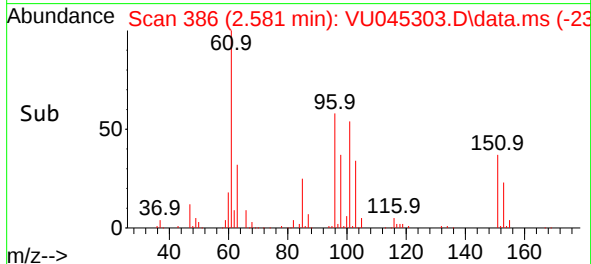
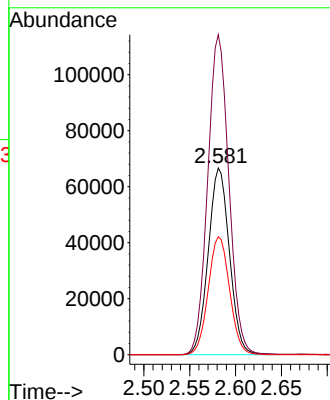
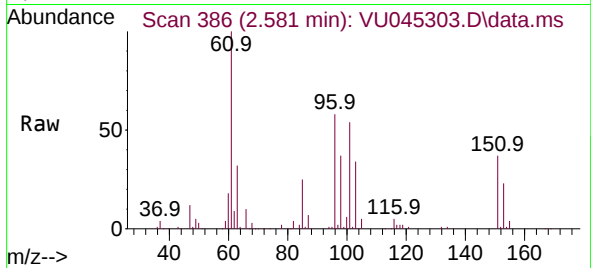
#9
1,1-Dichloroethene
Concen: 5.968 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 96 Resp: 107262
Ion Ratio Lower Upper
96 100
61 171.4 0.0 514.2
98 63.2 0.0 126.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

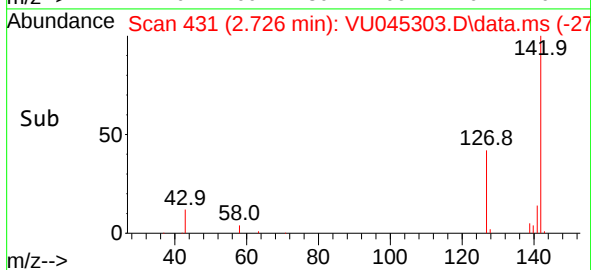
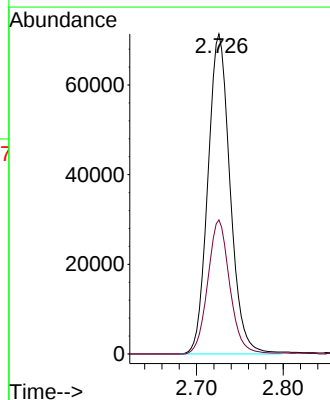
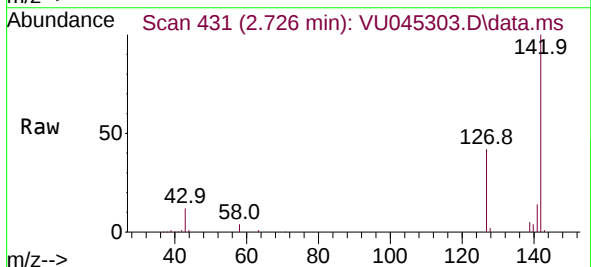
Manual Integrations
APPROVED

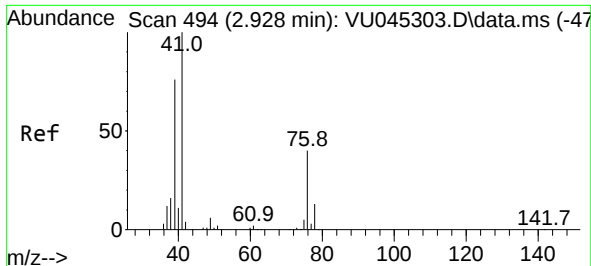
apatel
10/14/2021 2:37:04 PM



#10
Iodomethane
Concen: 6.076 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

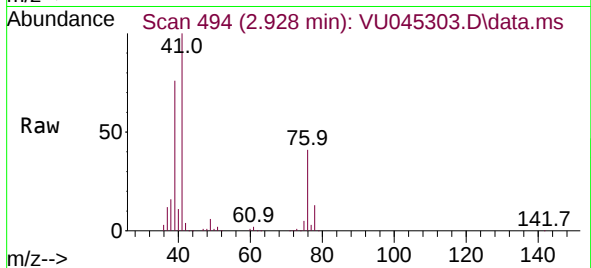
Tgt Ion: 142 Resp: 127219
Ion Ratio Lower Upper
142 100
127 41.5 33.2 49.8





#11
 Allyl Chloride
 Concen: 7.610 ug/l
 RT: 2.928 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: VU045303.D
 Acq: 13 Oct 2021 11:38

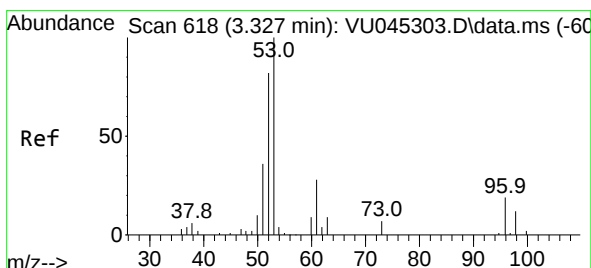
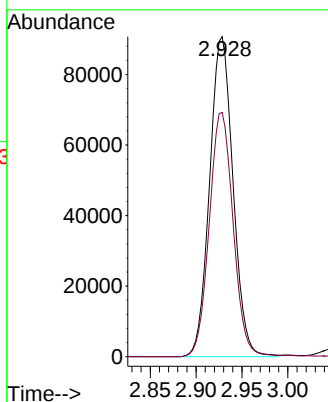
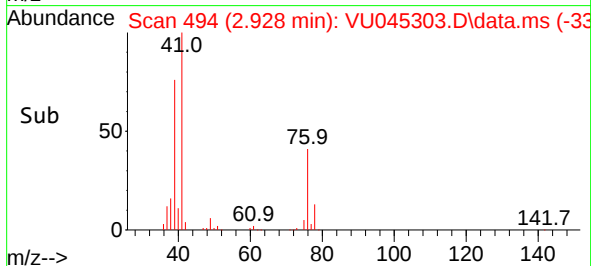
Instrument :
 MSVOA_U
 ClientSampled :
 VSTDICCC010



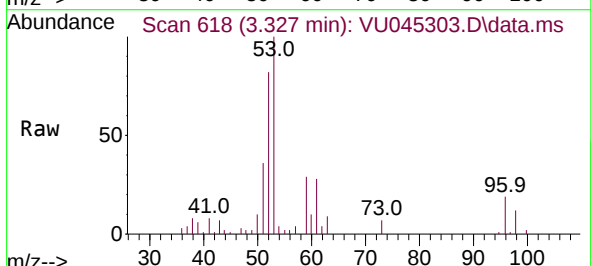
Tgt Ion: 41 Resp: 161180
 Ion Ratio Lower Upper
 41 100
 39 78.0 62.4 93.6

Manual Integrations
 APPROVED

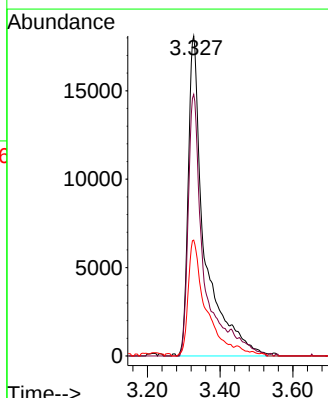
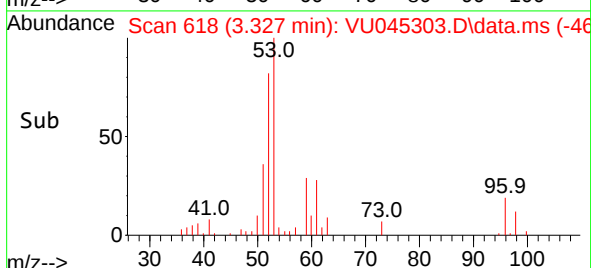
apatel
 10/14/2021 2:37:04 PM

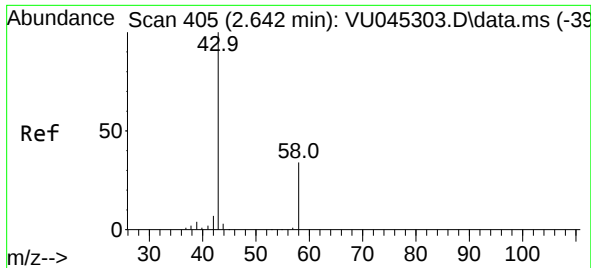


#12
 Acrylonitrile
 Concen: 16.846 ug/l m
 RT: 3.327 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VU045303.D
 Acq: 13 Oct 2021 11:38



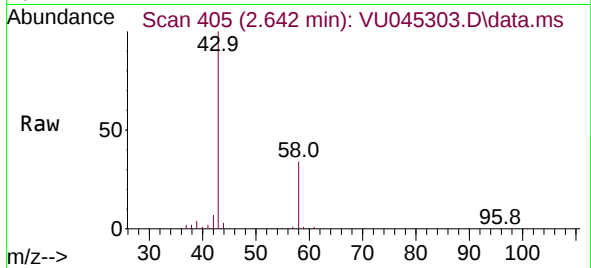
Tgt Ion: 53 Resp: 56882
 Ion Ratio Lower Upper
 53 100
 52 70.9 56.7 85.1
 51 37.9 30.3 45.5





#13
Acetone
Concen: 69.595 ug/l m
RT: 2.642 min Scan# 405
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

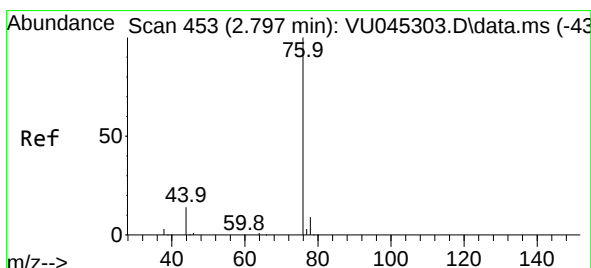
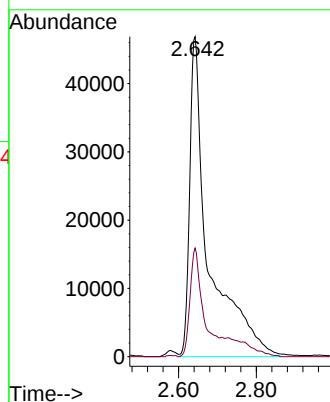
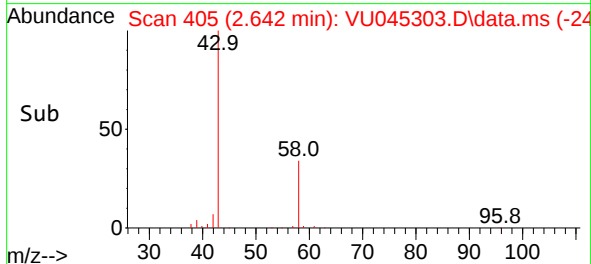
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



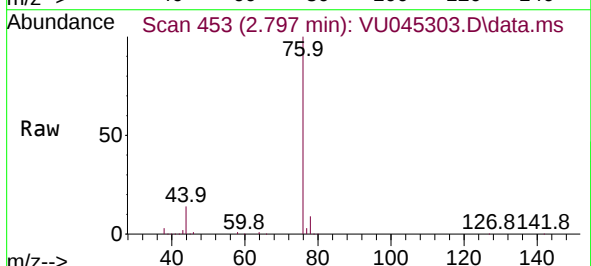
Tgt Ion: 43 Resp: 159817
Ion Ratio Lower Upper
43 100
58 33.9 27.1 40.7

Manual Integrations
APPROVED

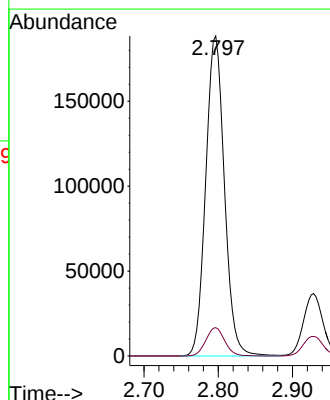
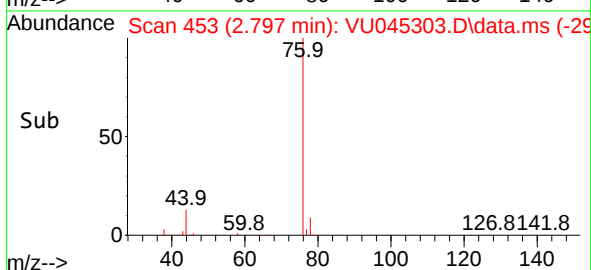
apatel
10/14/2021 2:37:04 PM

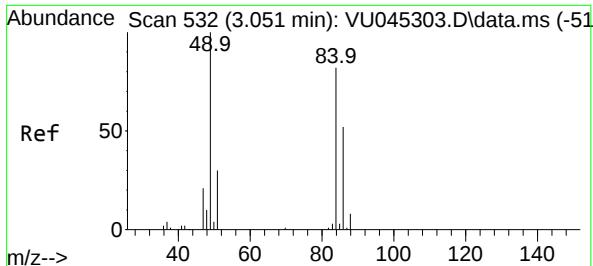


#14
Carbon Disulfide
Concen: 6.284 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



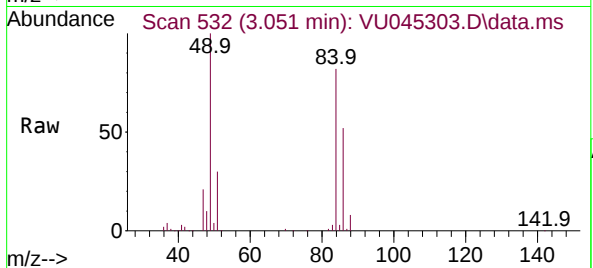
Tgt Ion: 76 Resp: 328842
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





#15
Methylene Chloride
Concen: 4.300 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

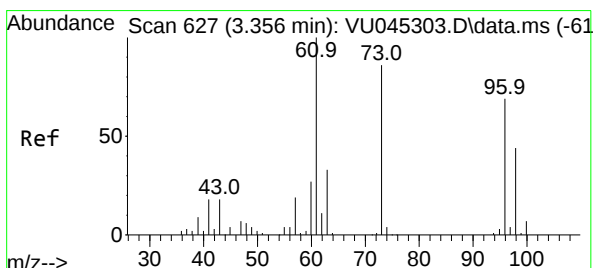
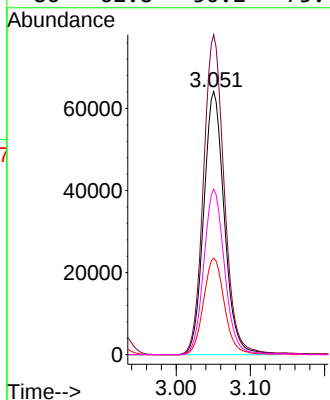
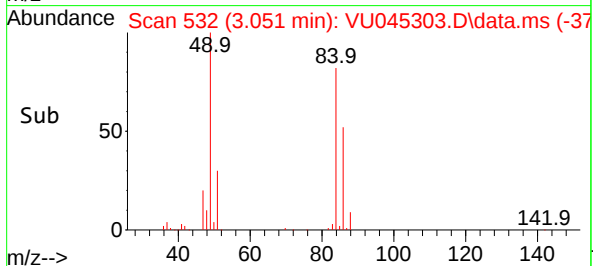
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



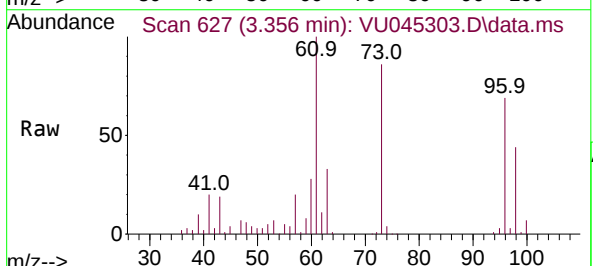
Tgt Ion:	84	Resp:	123665
Ion	Ratio	Lower	Upper
84	100		
49	121.5	97.2	145.8
51	36.7	0.0	73.4
86	62.8	50.2	75.4

Manual Integrations
APPROVED

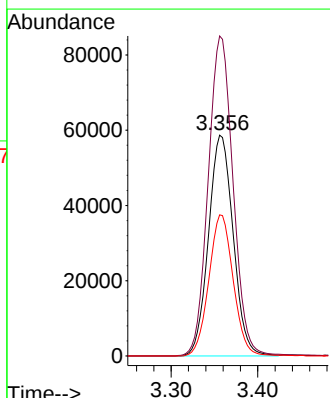
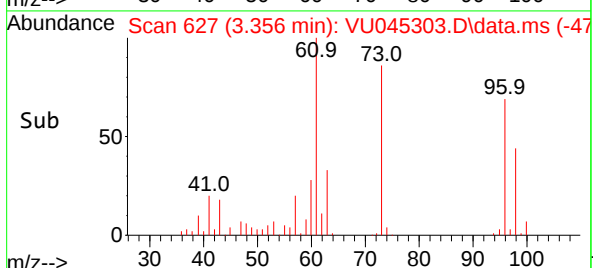
apatel
10/14/2021 2:37:04 PM

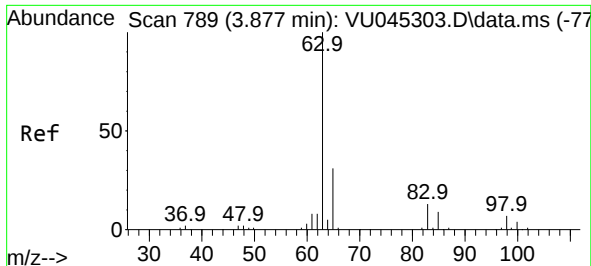


#16
trans-1,2-Dichloroethene
Concen: 6.001 ug/l
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



Tgt Ion:	96	Resp:	116338
Ion	Ratio	Lower	Upper
96	100		
61	144.7	115.8	173.6
98	63.9	51.1	76.7





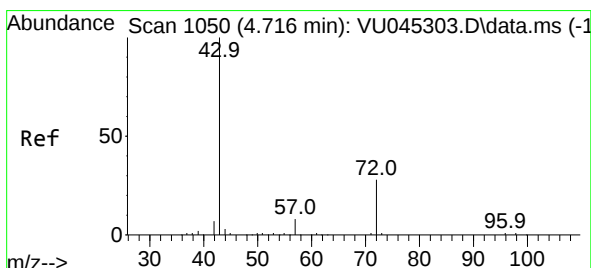
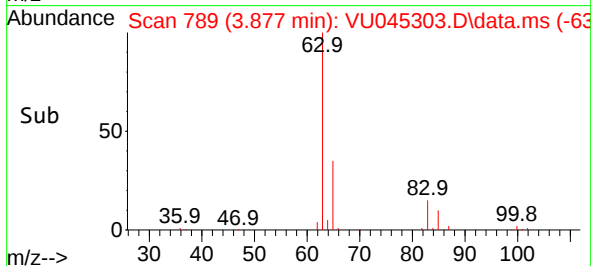
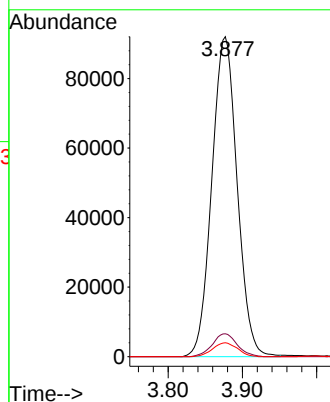
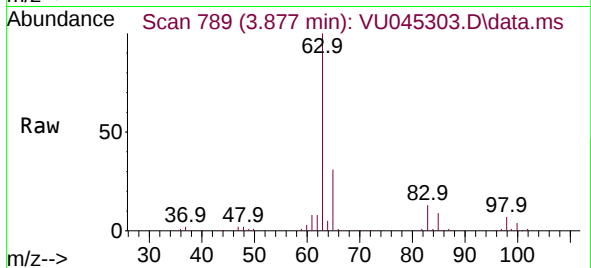
#17
1,1-Dichloroethane
Concen: 6.603 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 63 Resp: 218222
Ion Ratio Lower Upper
63 100
98 7.2 3.6 10.8
100 4.3 2.1 6.5

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

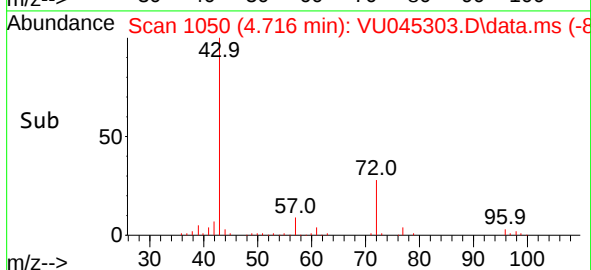
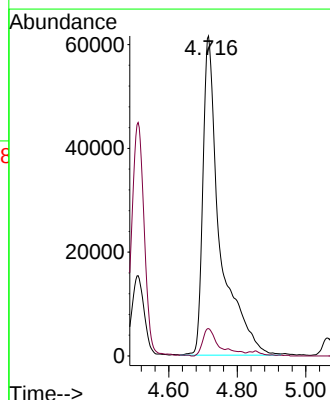
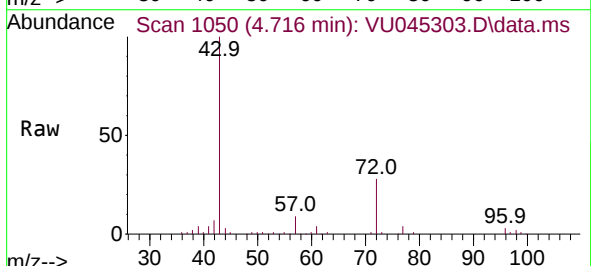
Manual Integrations
APPROVED

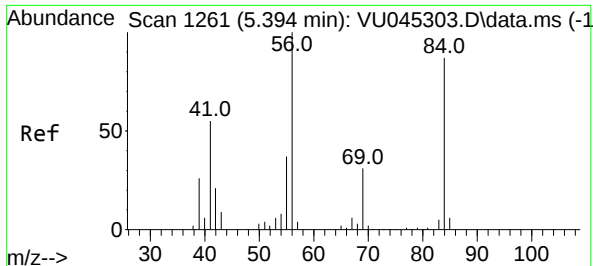
apatel
10/14/2021 2:37:04 PM



#18
2-Butanone
Concen: 54.451 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 43 Resp: 213614
Ion Ratio Lower Upper
43 100
57 8.3 0.0 16.6





#19

Cyclohexane

Concen: 6.826 ug/l m

RT: 5.394 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU045303.D

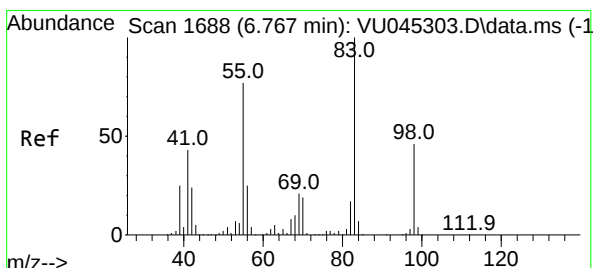
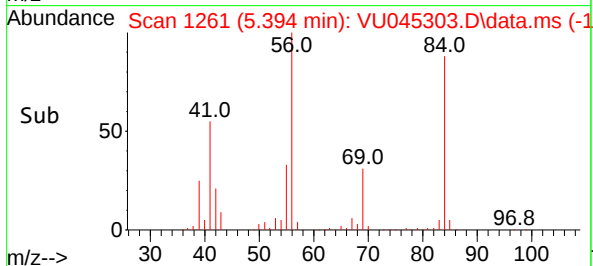
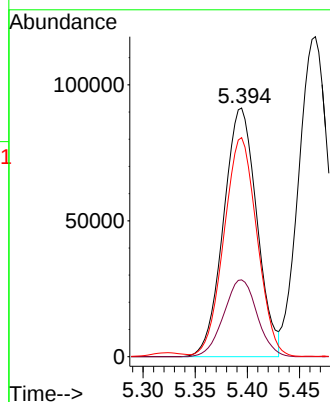
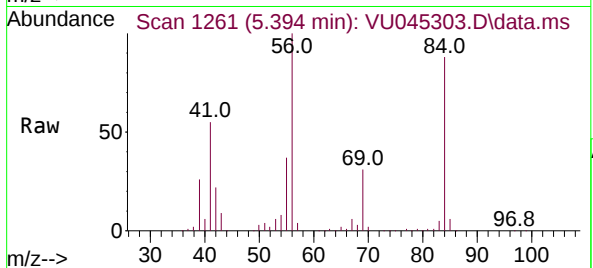
Acq: 13 Oct 2021 11:38

Tgt Ion:	56	Resp:	204062
Ion Ratio	Lower	Upper	
56	100		
69	30.9	24.7	37.1
84	86.0	68.8	103.2

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

Manual Integrations
APPROVED

apatel
10/14/2021 2:37:04 PM



#20

Methylcyclohexane

Concen: 11.105 ug/l

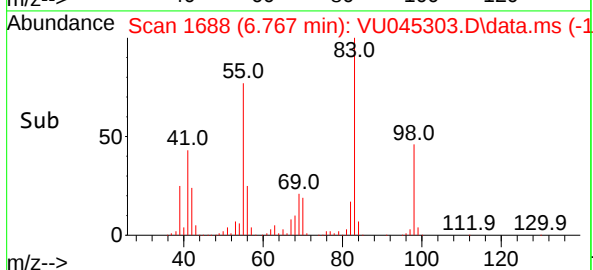
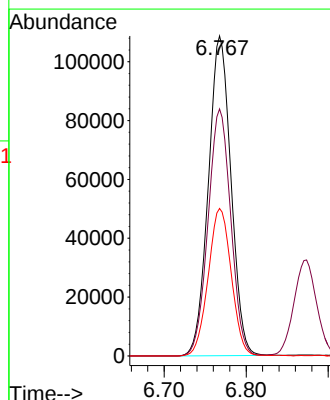
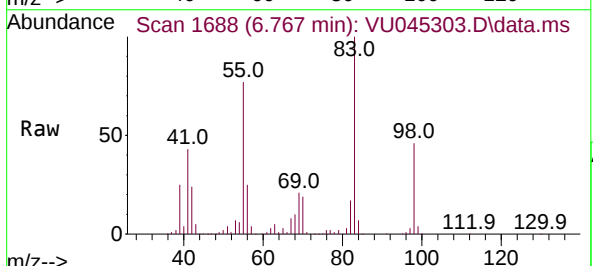
RT: 6.767 min Scan# 1688

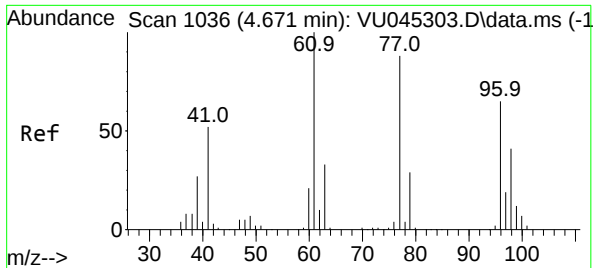
Delta R.T. 0.000 min

Lab File: VU045303.D

Acq: 13 Oct 2021 11:38

Tgt Ion:	83	Resp:	207989
Ion Ratio	Lower	Upper	
83	100		
55	77.4	61.9	92.9
98	46.8	37.4	56.2





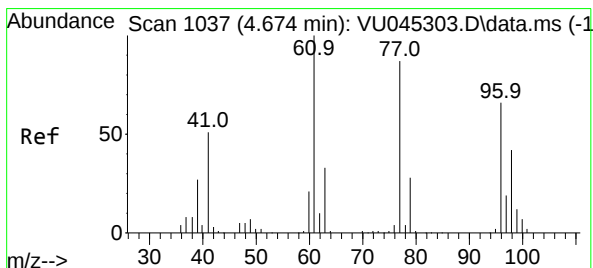
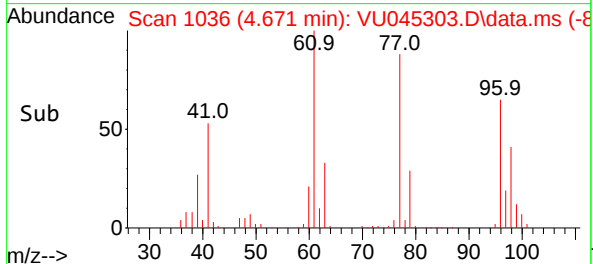
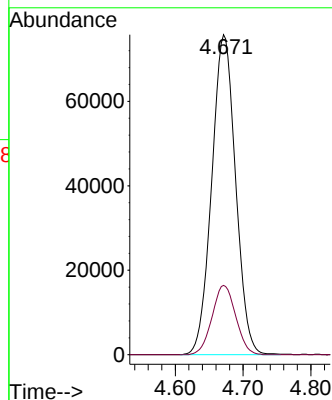
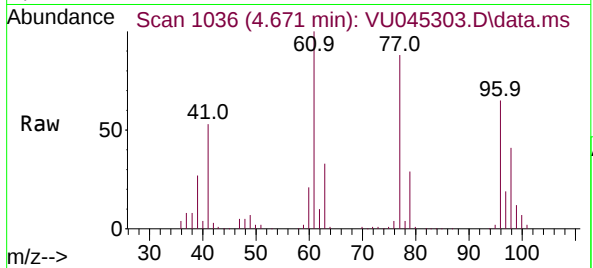
#21
2,2-Dichloropropane
Concen: 6.121 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 77 Resp: 185169
Ion Ratio Lower Upper
77 100
97 21.5 17.2 25.8

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

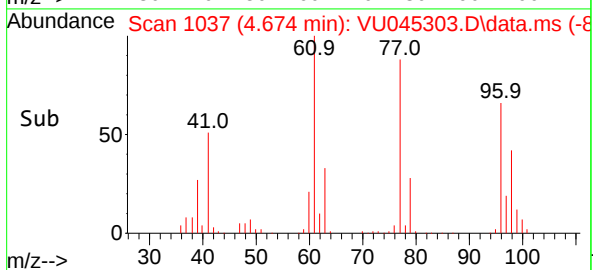
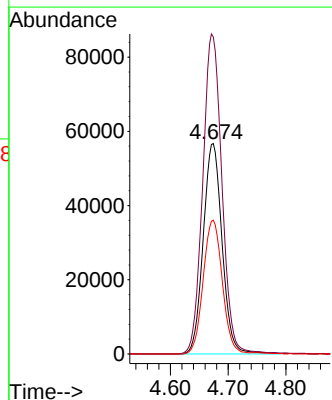
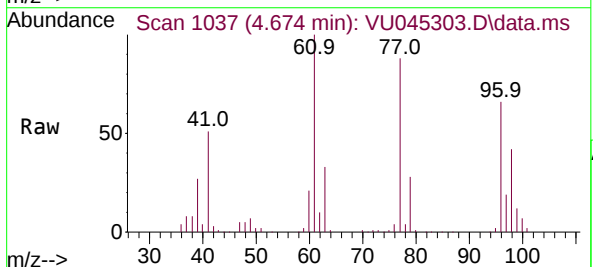
Manual Integrations
APPROVED

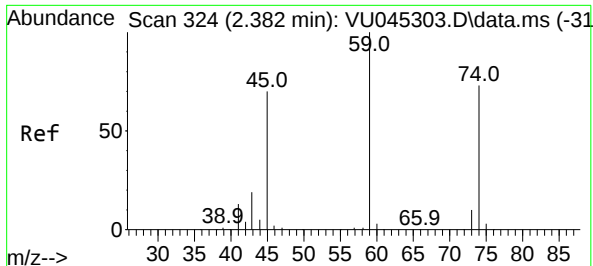
apatel
10/14/2021 2:37:04 PM



#22
cis-1,2-Dichloroethene
Concen: 5.839 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

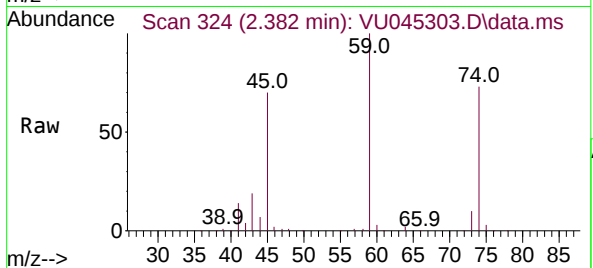
Tgt Ion: 96 Resp: 128947
Ion Ratio Lower Upper
96 100
61 154.1 0.0 385.3
98 64.2 32.1 96.3





#23
Diethyl Ether
Concen: 7.644 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

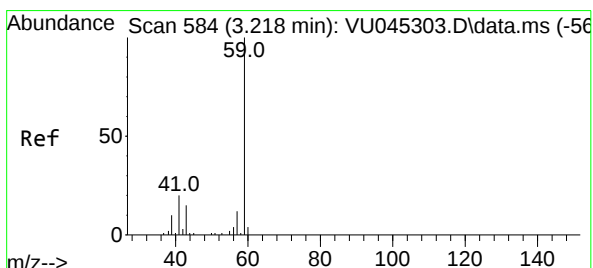
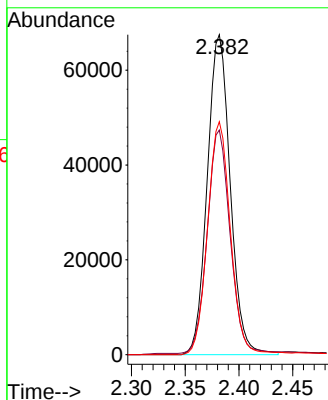
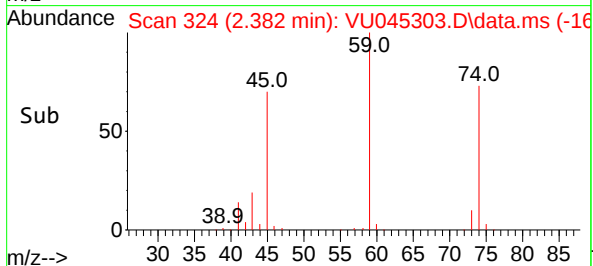
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



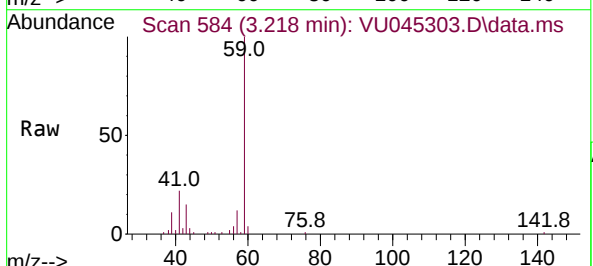
Tgt Ion: 59 Resp: 100394
Ion Ratio Lower Upper
59 100
45 69.5 55.6 83.4
74 72.6 58.1 87.1

Manual Integrations
APPROVED

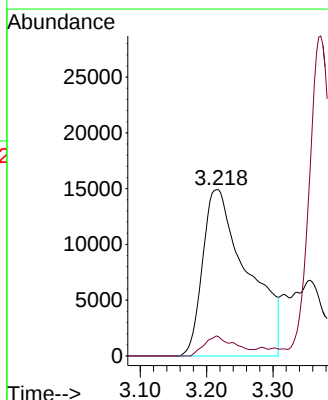
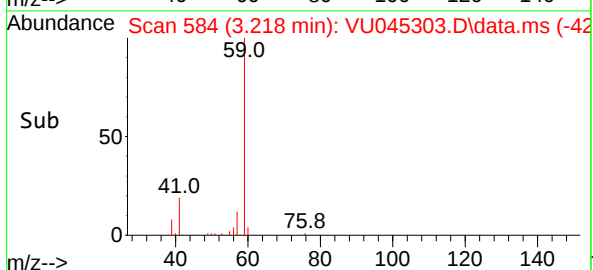
apatel
10/14/2021 2:37:04 PM

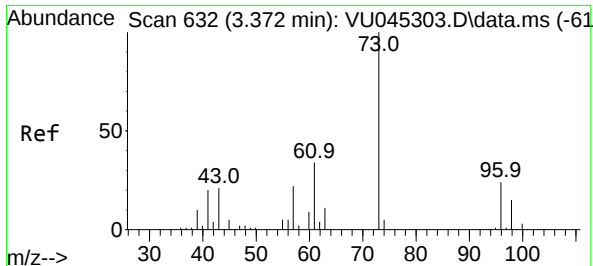


#24
tert-Butyl Alcohol
Concen: 98.834 ug/l
RT: 3.218 min Scan# 584
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



Tgt Ion: 59 Resp: 70130
Ion Ratio Lower Upper
59 100
57 8.1 6.5 9.7





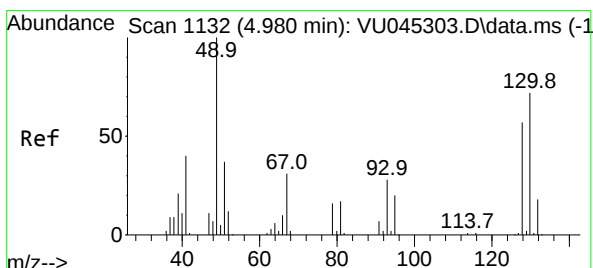
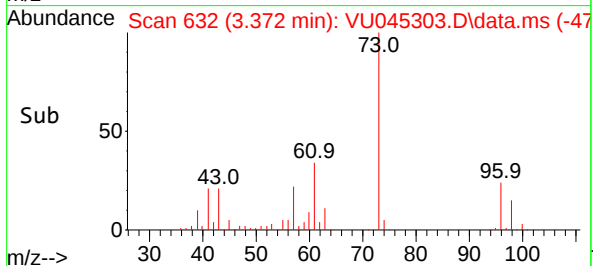
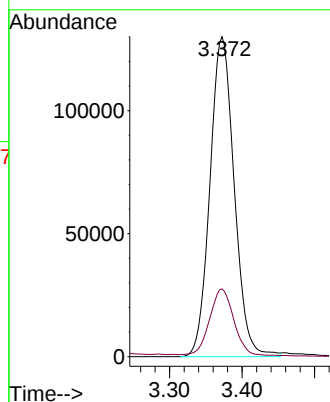
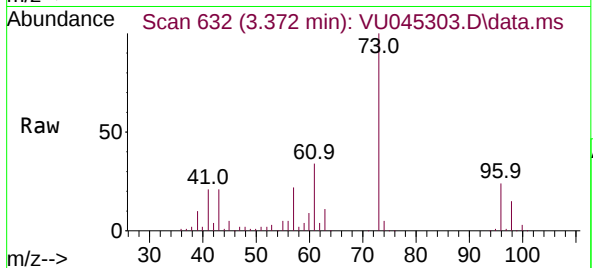
#25
Methyl tert-Butyl Ether
Concen: 6.712 ug/l
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 73 Resp: 302494
Ion Ratio Lower Upper
73 100
43 20.4 16.3 24.5

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

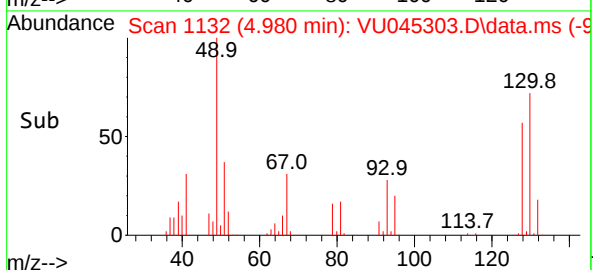
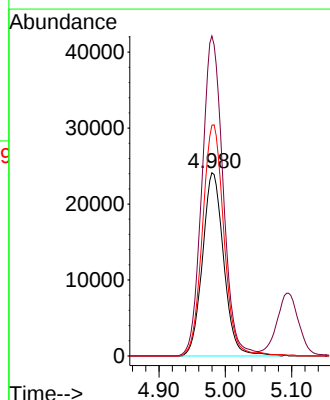
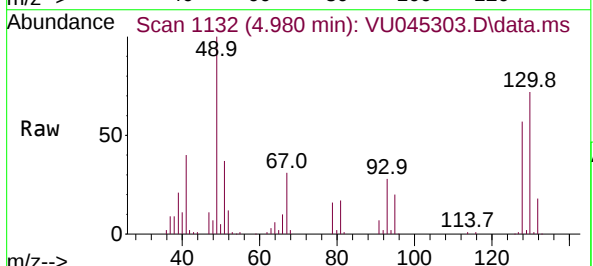
Manual Integrations
APPROVED

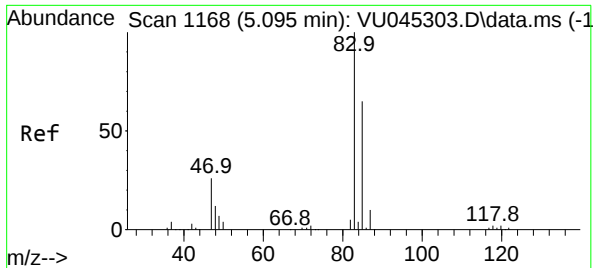
apatel
10/14/2021 2:37:04 PM



#26
Bromochloromethane
Concen: 5.185 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 128 Resp: 53518
Ion Ratio Lower Upper
128 100
49 173.7 0.0 347.4
130 126.9 101.5 152.3





#27

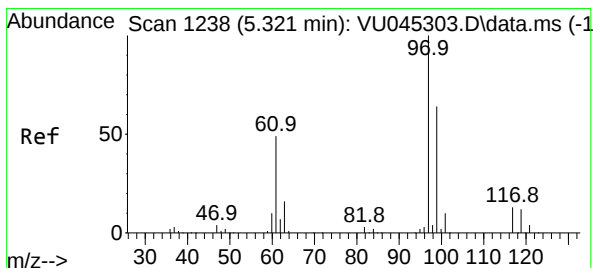
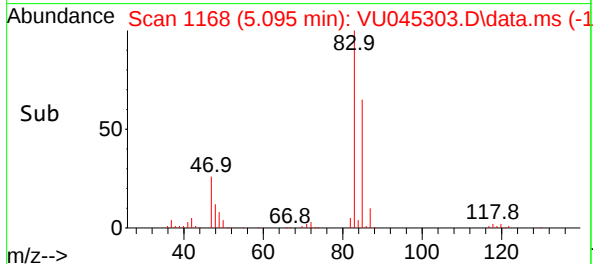
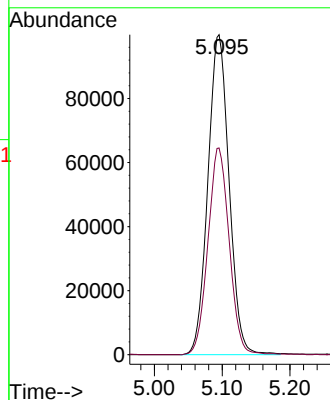
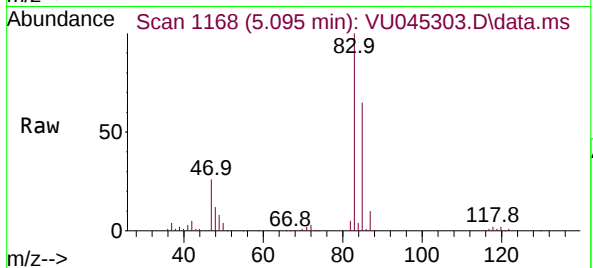
Chloroform
Concen: 5.688 ug/l
RT: 5.095 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 83 Resp: 217067
Ion Ratio Lower Upper
83 100
85 64.6 0.0 129.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations
APPROVED

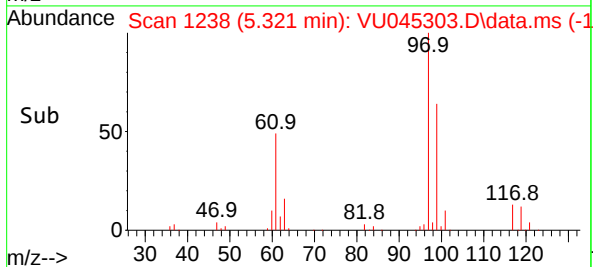
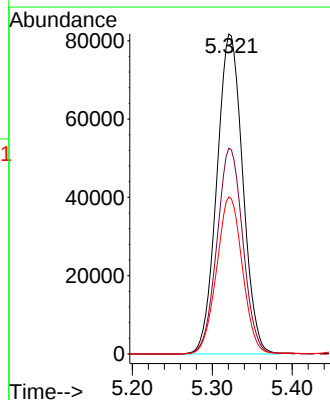
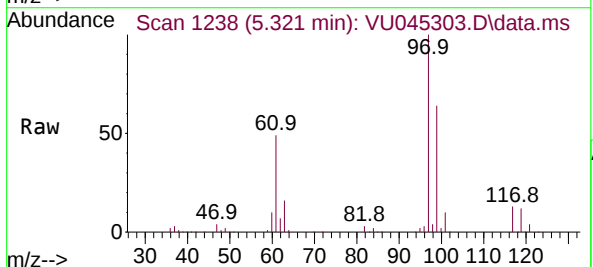
apatel
10/14/2021 2:37:04 PM

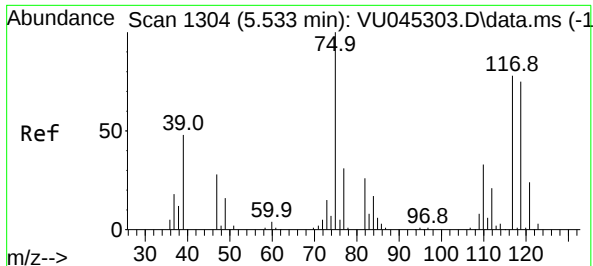


#28

1,1,1-Trichloroethane
Concen: 5.665 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 97 Resp: 183660
Ion Ratio Lower Upper
97 100
99 64.4 32.2 96.6
61 49.0 24.5 73.5





#29

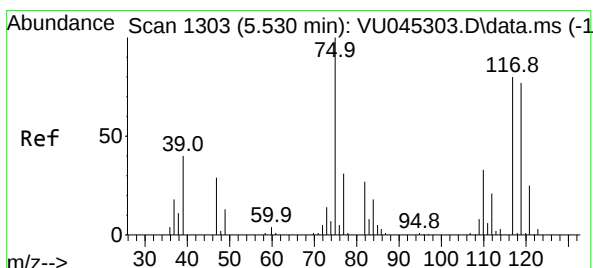
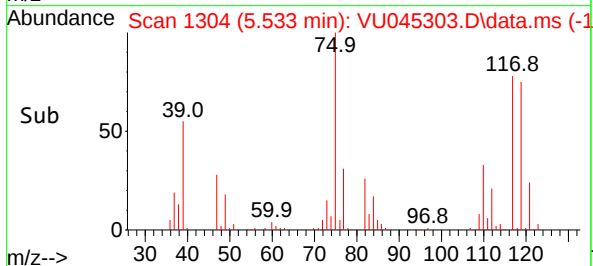
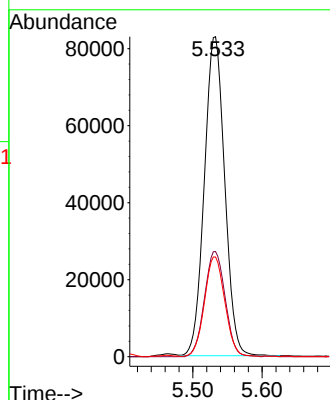
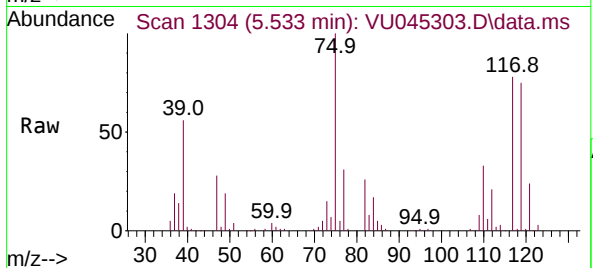
1,1-Dichloropropene
Concen: 10.726 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 75 Resp: 169027
Ion Ratio Lower Upper
75 100
110 33.5 16.8 50.3
77 30.9 24.7 37.1

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

Manual Integrations
APPROVED

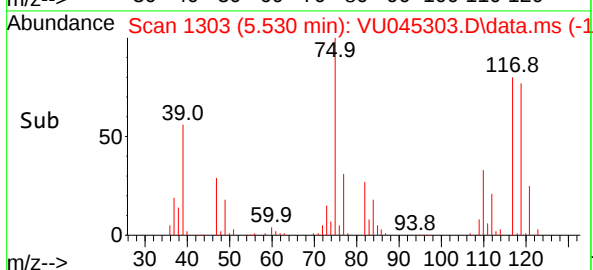
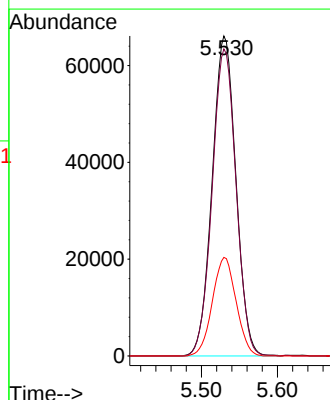
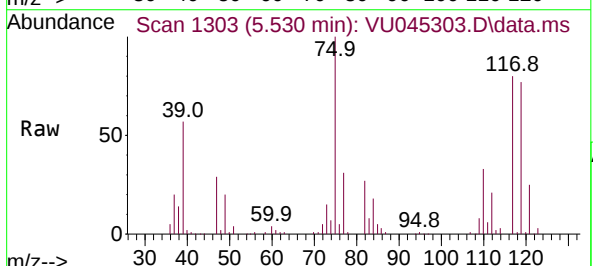
apatel
10/14/2021 2:37:04 PM

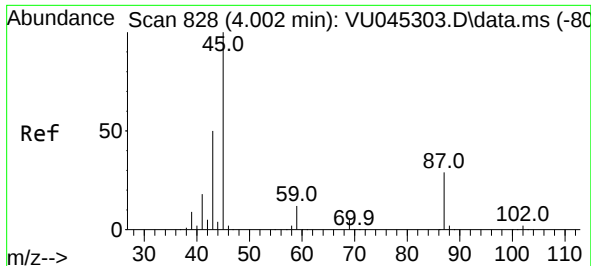


#30

Carbon Tetrachloride
Concen: 9.473 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 117 Resp: 143372
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2
121 30.8 24.6 37.0





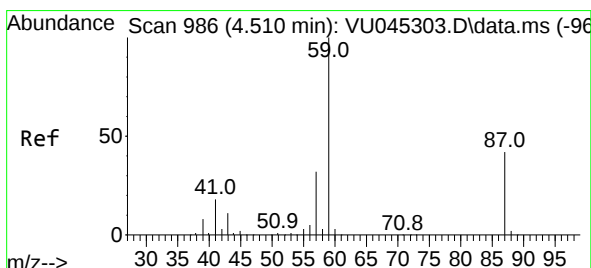
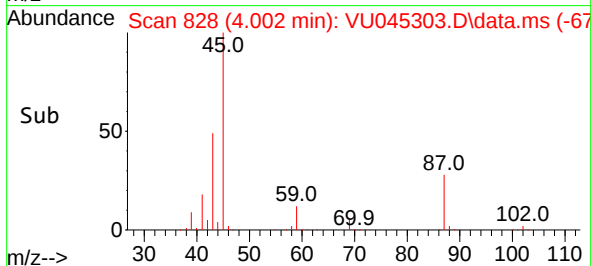
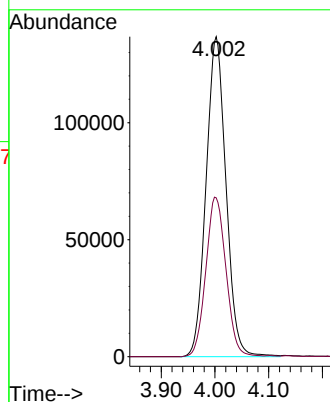
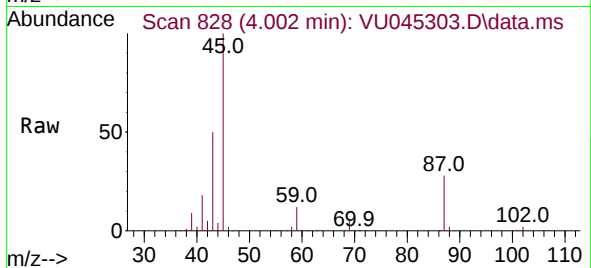
#31
Isopropyl Ether
Concen: 7.436 ug/l
RT: 4.002 min Scan# 828
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 45 Resp: 351801
Ion Ratio Lower Upper
45 100
43 50.5 25.3 75.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

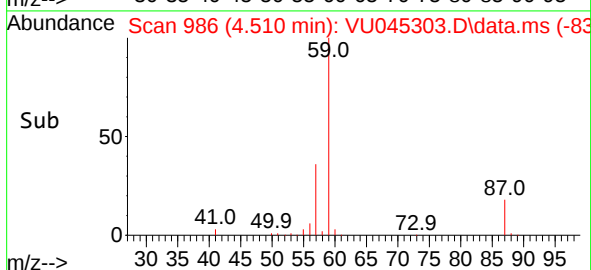
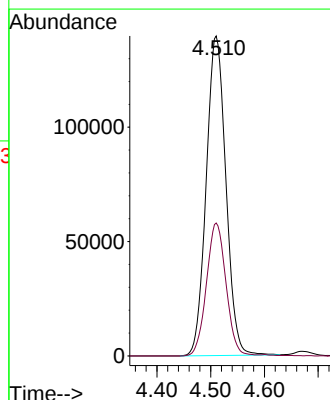
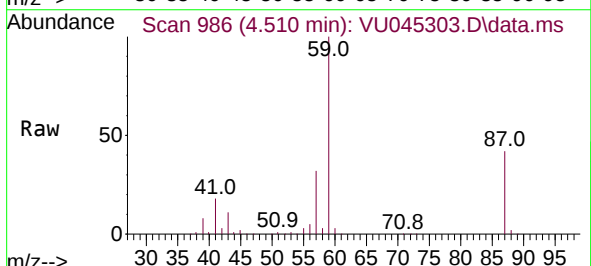
Manual Integrations
APPROVED

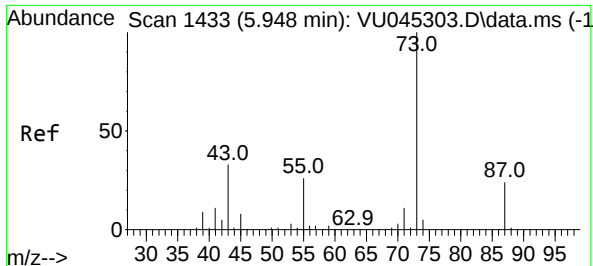
apatel
10/14/2021 2:37:04 PM



#32
Ethyl-t-butyl ether
Concen: 6.892 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

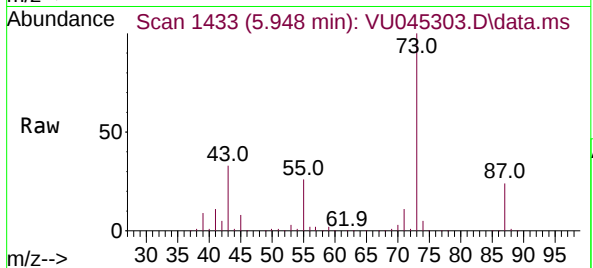
Tgt Ion: 59 Resp: 355423
Ion Ratio Lower Upper
59 100
87 40.9 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 11.701 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

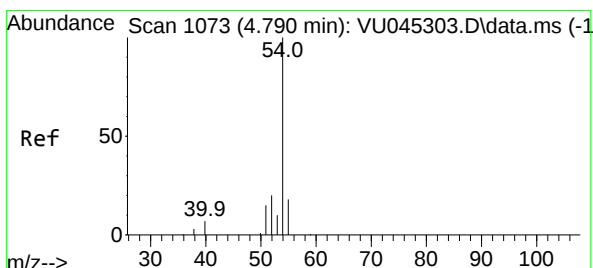
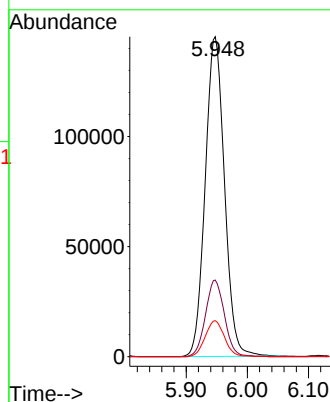
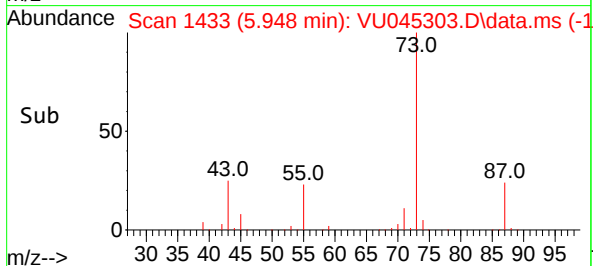
Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010



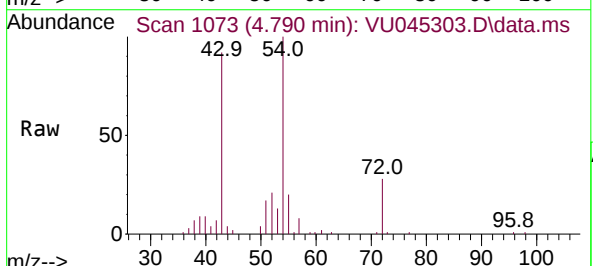
Tgt Ion	Ratio	Lower	Upper
73	100		
87	23.3	18.6	28.0
71	11.3	9.0	13.6

Manual Integrations
APPROVED

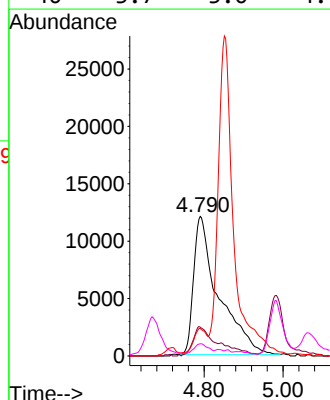
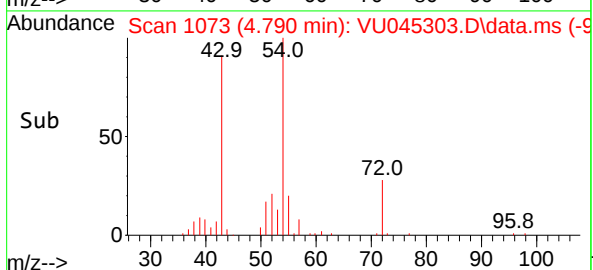
apatel
10/14/2021 2:37:04 PM

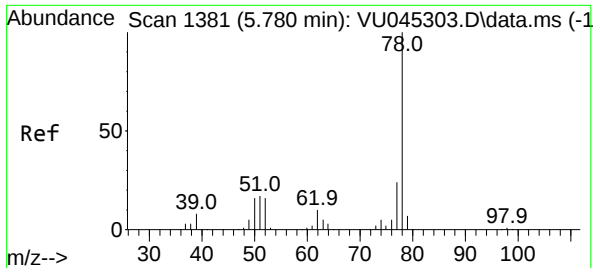


#34
Propionitrile
Concen: 50.344 ug/l
RT: 4.790 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



Tgt Ion	Ratio	Lower	Upper
54	100		
52	14.9	11.9	17.9
55	10.0	8.0	12.0
40	3.7	3.0	4.4





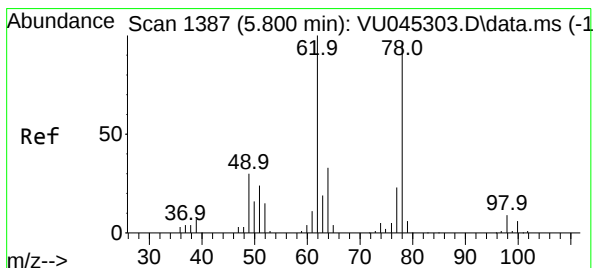
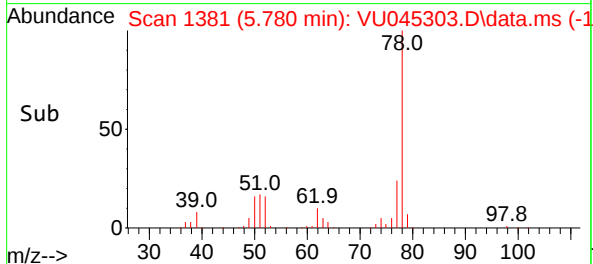
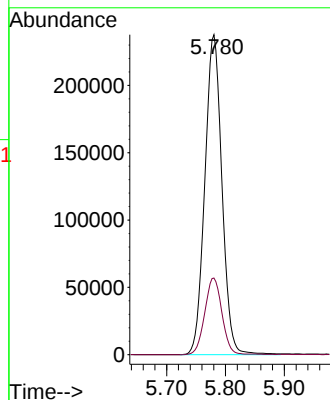
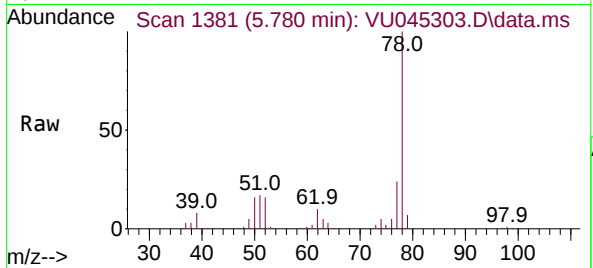
#35
Benzene
Concen: 10.660 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 78 Resp: 479908
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

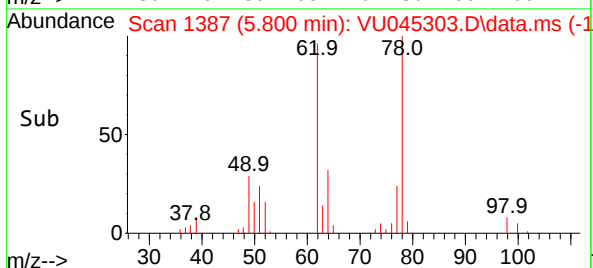
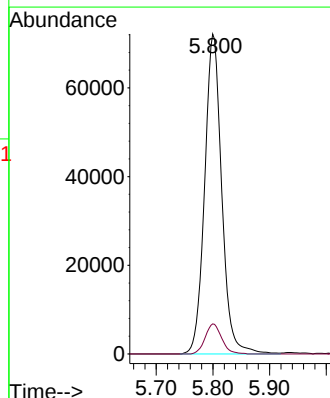
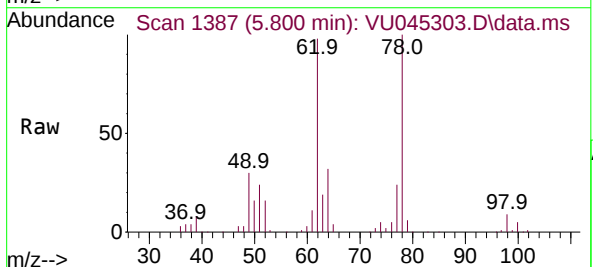
Manual Integrations
APPROVED

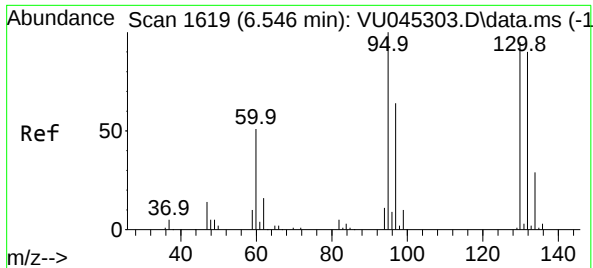
apatel
10/14/2021 2:37:04 PM



#36
1,2-Dichloroethane
Concen: 10.364 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 62 Resp: 151515
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





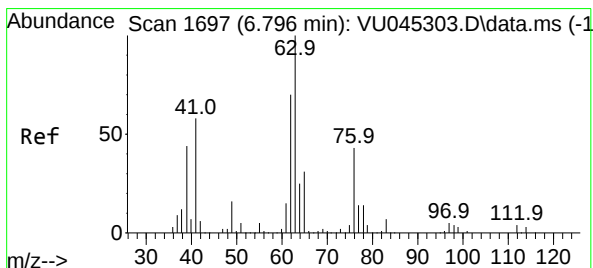
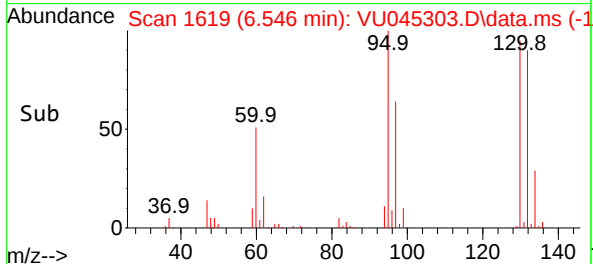
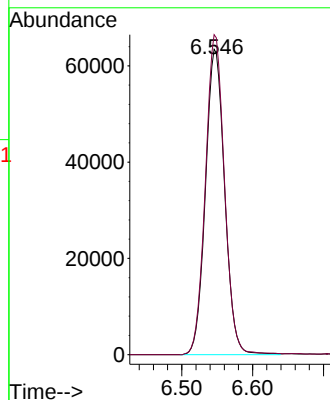
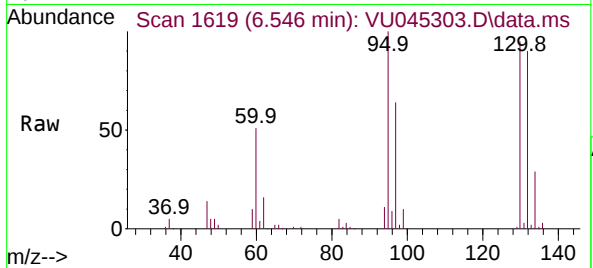
#37
Trichloroethene
Concen: 9.414 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:130 Resp: 119297
Ion Ratio Lower Upper
130 100
95 104.8 83.8 125.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

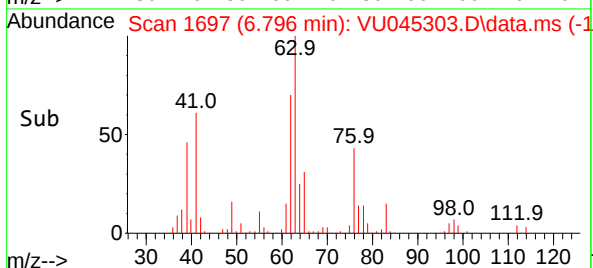
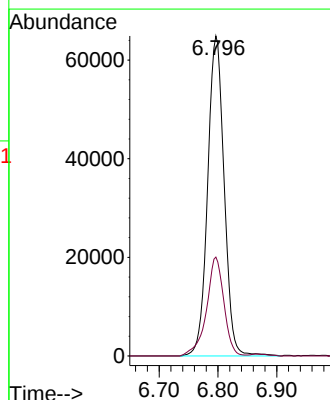
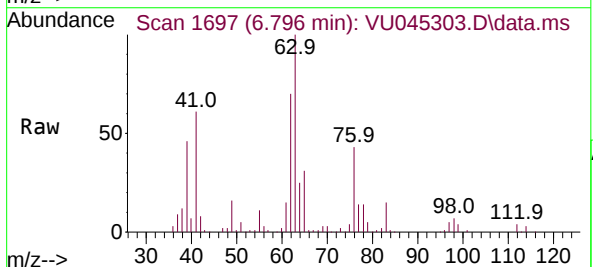
Manual Integrations
APPROVED

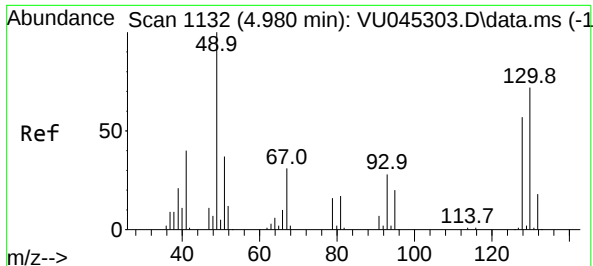
apatel
10/14/2021 2:37:04 PM



#38
1,2-Dichloropropane
Concen: 11.124 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 63 Resp: 126576
Ion Ratio Lower Upper
63 100
65 30.9 24.7 37.1





#39

Methacrylonitrile

Concen: 7.312 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045303.D

Acq: 13 Oct 2021 11:38

Tgt Ion: 41 Resp: 41151

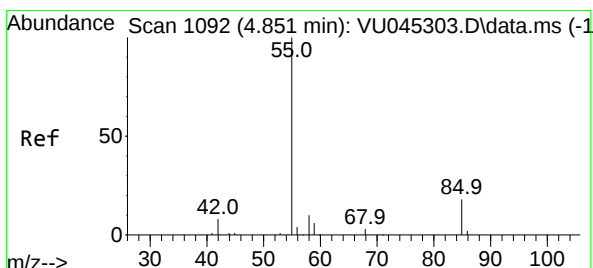
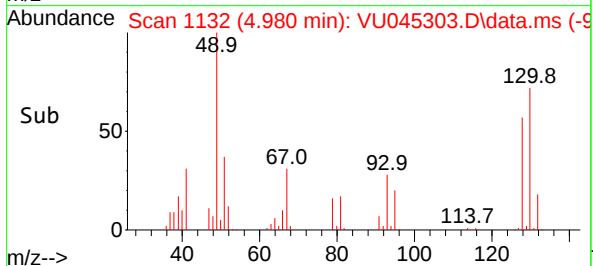
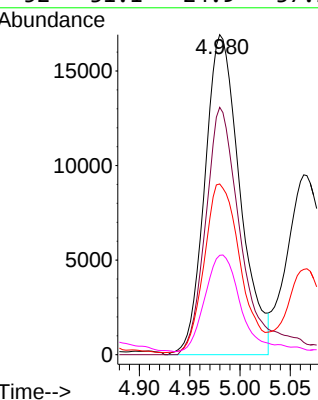
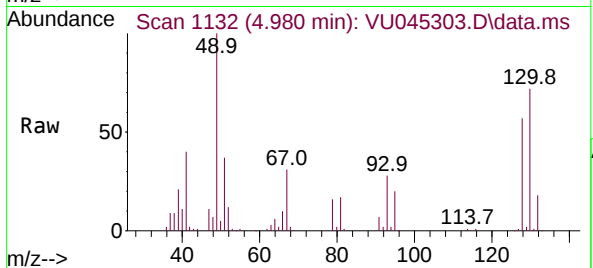
Ion Ratio Lower Upper

41 100

67 81.5 65.2 97.8

39 53.8 43.0 64.6

52 31.1 24.9 37.3



#40

Methyl acrylate

Concen: 8.040 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VU045303.D

Acq: 13 Oct 2021 11:38

Tgt Ion: 55 Resp: 75117

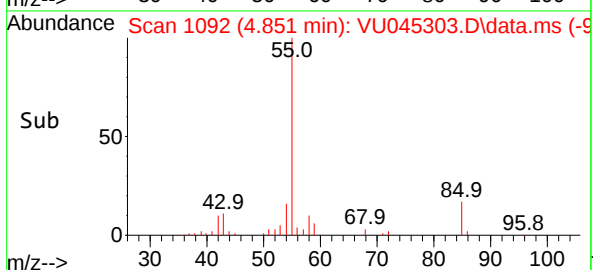
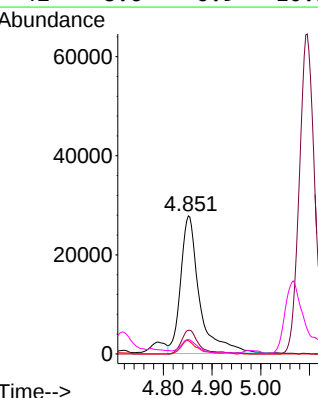
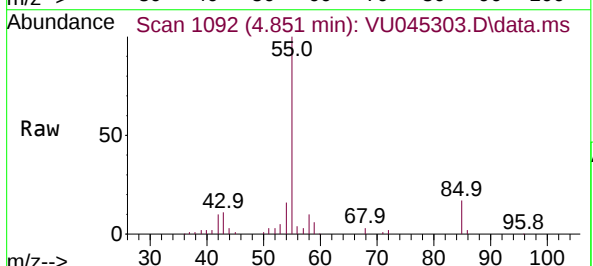
Ion Ratio Lower Upper

55 100

85 15.2 12.2 18.2

58 8.4 6.7 10.1

42 8.6 6.9 10.3



Instrument :

MSVOA_U

ClientSampled :

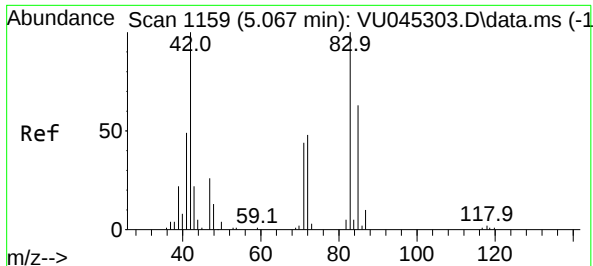
VSTDICCC010

Manual Integrations

APPROVED

apatel

10/14/2021 2:37:04 PM



#41

Tetrahydrofuran

Concen: 15.732 ug/l

RT: 5.067 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VU045303.D

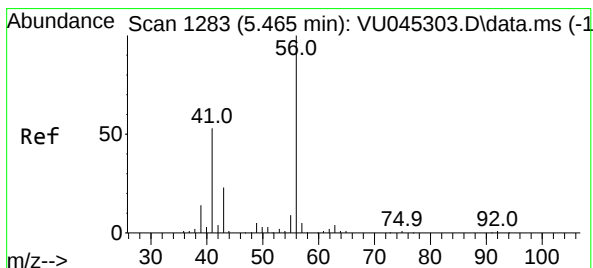
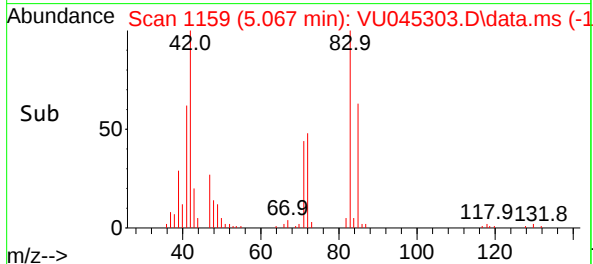
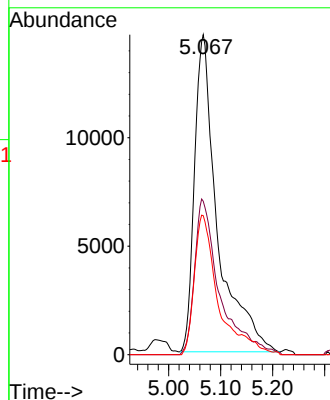
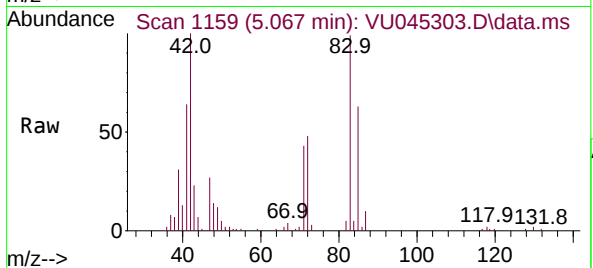
Acq: 13 Oct 2021 11:38

Tgt Ion:	42	Resp:	45179
Ion	Ratio	Lower	Upper
42	100		
72	53.0	42.4	63.6
71	45.5	36.4	54.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations
APPROVED

apatel
10/14/2021 2:37:04 PM



#42

1-Chlorobutane

Concen: 11.636 ug/l

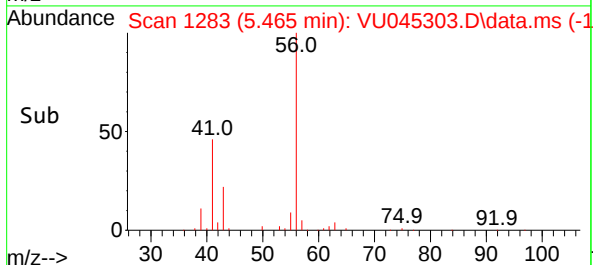
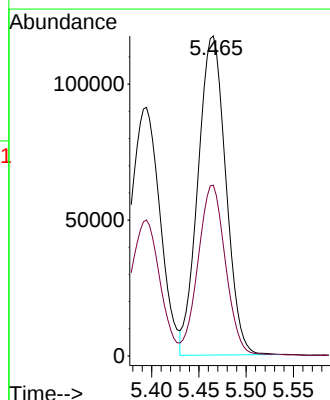
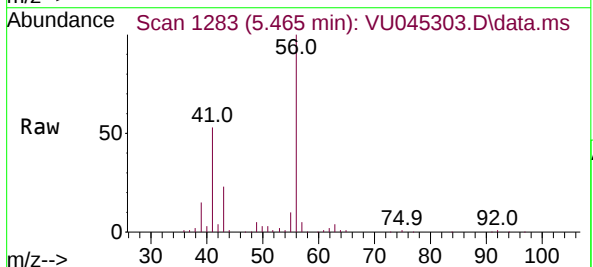
RT: 5.465 min Scan# 1283

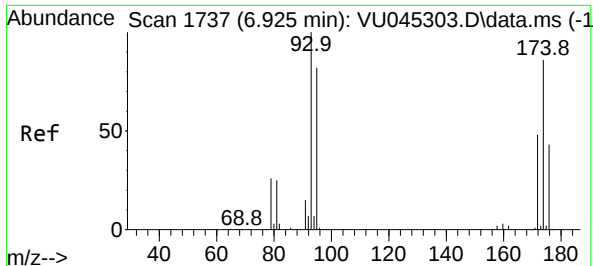
Delta R.T. 0.000 min

Lab File: VU045303.D

Acq: 13 Oct 2021 11:38

Tgt Ion:	56	Resp:	239900
Ion	Ratio	Lower	Upper
56	100		
41	52.0	26.0	78.0





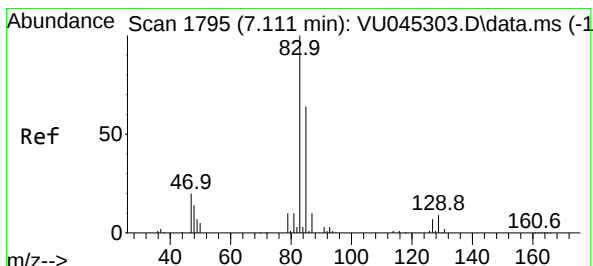
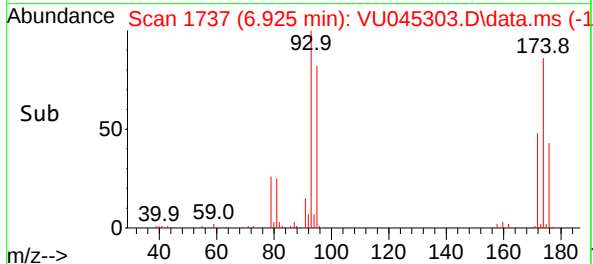
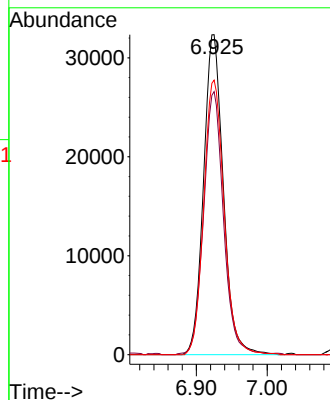
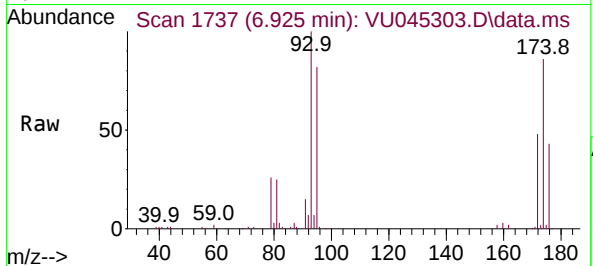
#43
Dibromomethane
Concen: 9.284 ug/l
RT: 6.925 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:	93	Resp:	62655
Ion Ratio	Lower	Upper	
93	100		
95	82.7	66.2	99.2
174	88.4	70.7	106.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

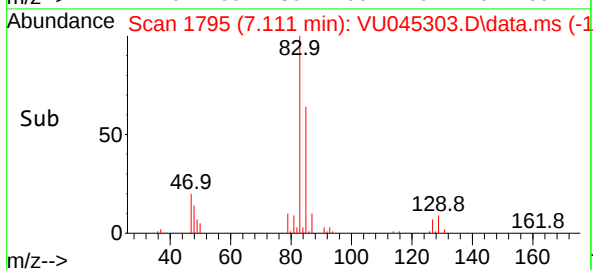
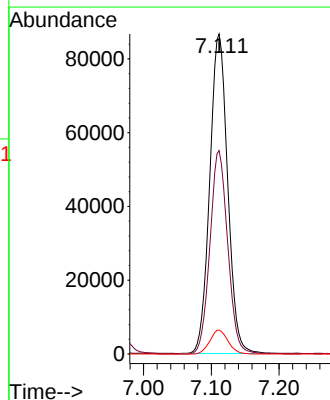
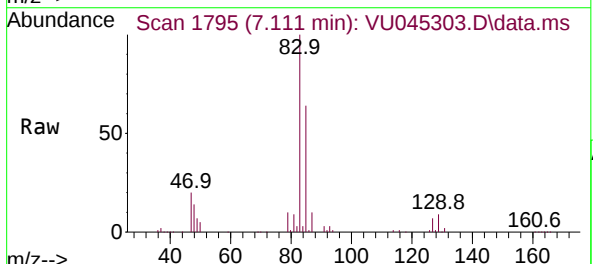
Manual Integrations
APPROVED

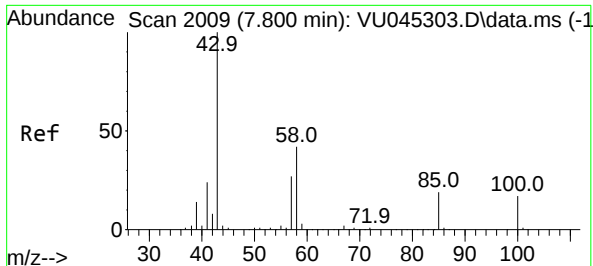
apatel
10/14/2021 2:37:04 PM



#44
Bromodichloromethane
Concen: 10.121 ug/l
RT: 7.111 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:	83	Resp:	158877
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.9	76.3
127	7.5	6.0	9.0





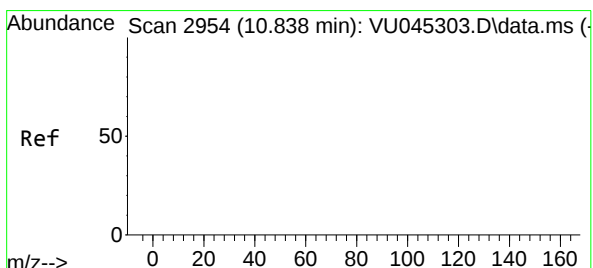
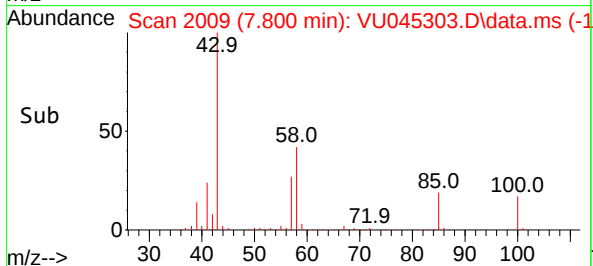
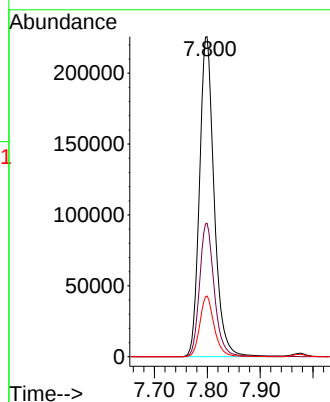
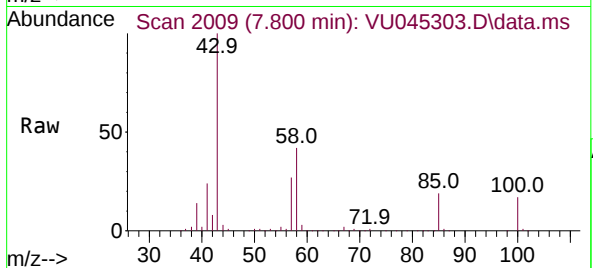
#45
4-Methyl-2-Pentanone
Concen: 60.142 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 43 Resp: 434255
Ion Ratio Lower Upper
43 100
58 42.0 21.0 63.0
85 18.5 14.8 22.2

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

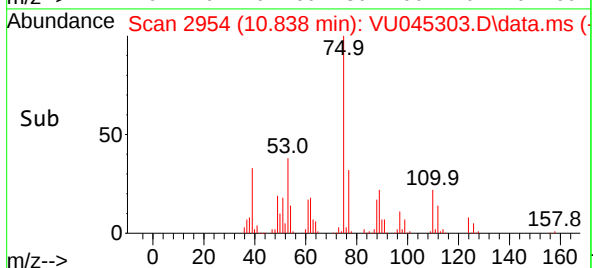
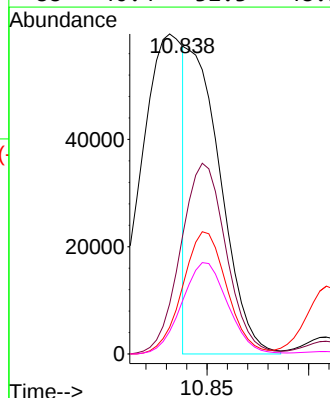
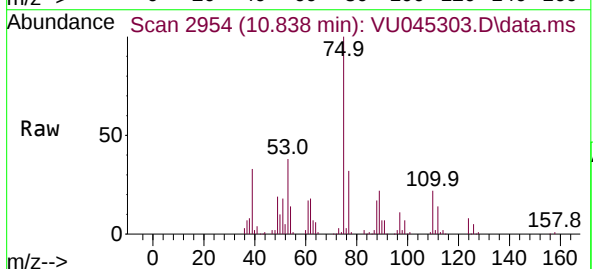
Manual Integrations
APPROVED

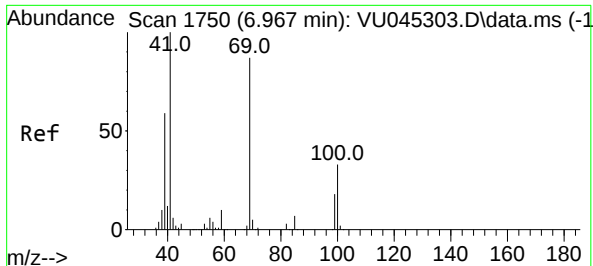
apatel
10/14/2021 2:37:04 PM



#46
t-1,4-Dichloro-2-butene
Concen: 22.417 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 75 Resp: 66497
Ion Ratio Lower Upper
75 100
53 83.5 66.8 100.2
89 52.1 41.7 62.5
88 40.4 32.3 48.5





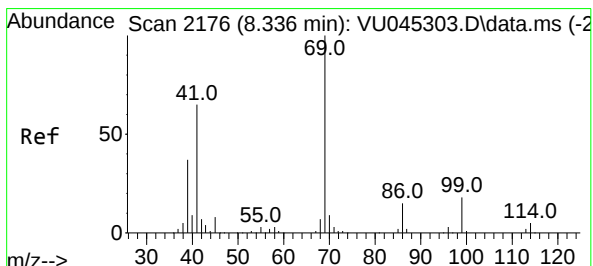
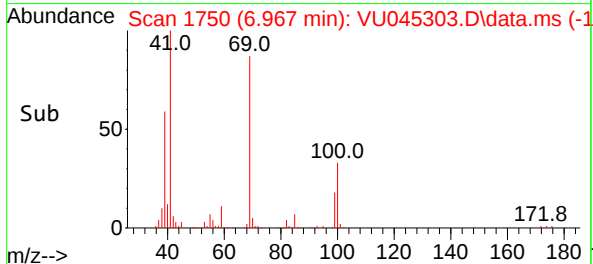
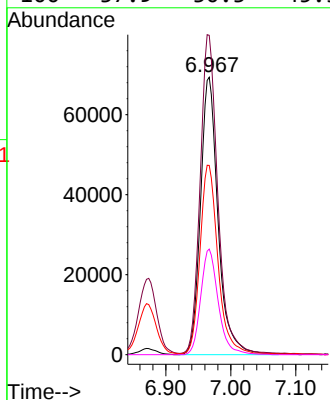
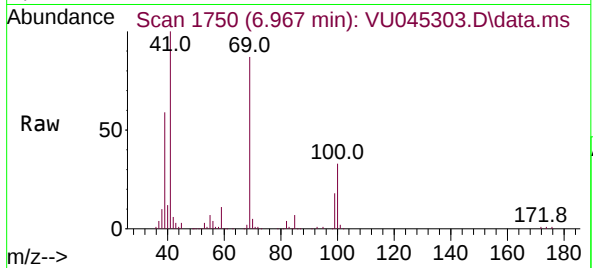
#47
Methyl methacrylate
Concen: 22.559 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:	69	Resp:	131106
Ion	Ratio	Lower	Upper
69	100		
41	115.0	0.0	230.0
39	68.9	55.1	82.7
100	37.9	30.3	45.5

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

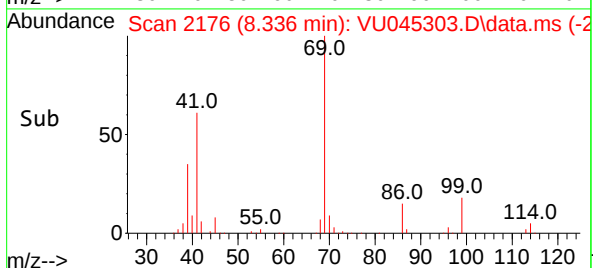
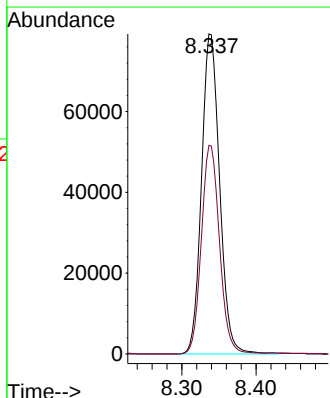
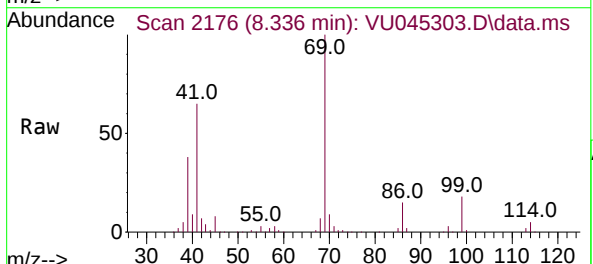
Manual Integrations
APPROVED

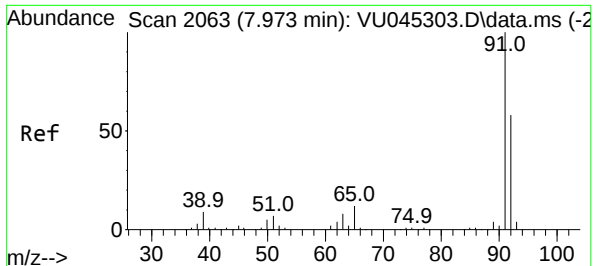
apatel
10/14/2021 2:37:04 PM



#48
Ethyl methacrylate
Concen: 11.472 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:	69	Resp:	133868
Ion	Ratio	Lower	Upper
69	100		
41	65.3	32.6	98.0





#49

Toluene

Concen: 10.435 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045303.D

Acq: 13 Oct 2021 11:38

Tgt Ion: 92 Resp: 304406

Ion Ratio Lower Upper

92 100

91 171.0 136.8 205.2

Instrument :

MSVOA_U

ClientSampleId :

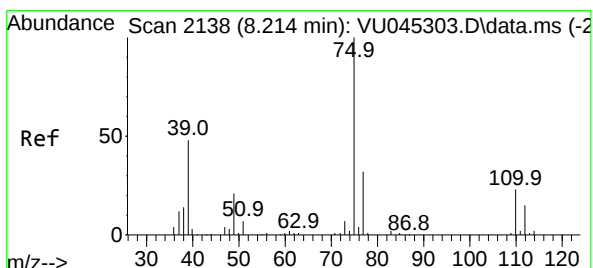
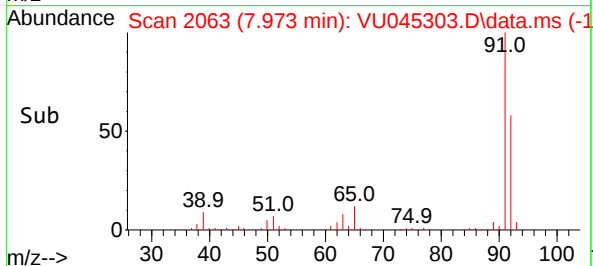
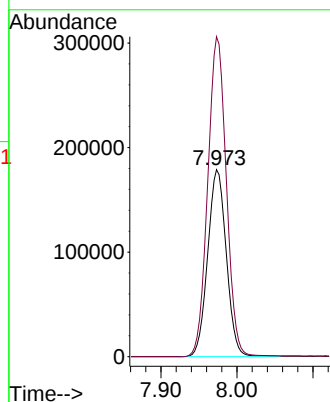
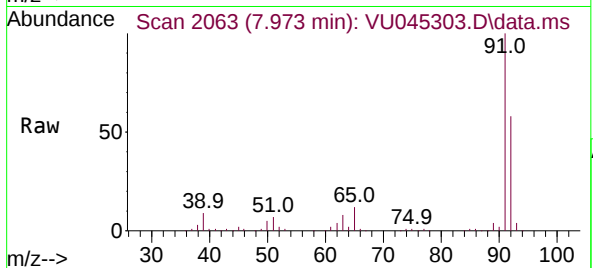
VSTDICCC010

Manual Integrations

APPROVED

apatel

10/14/2021 2:37:04 PM



#50

t-1,3-Dichloropropene

Concen: 11.320 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU045303.D

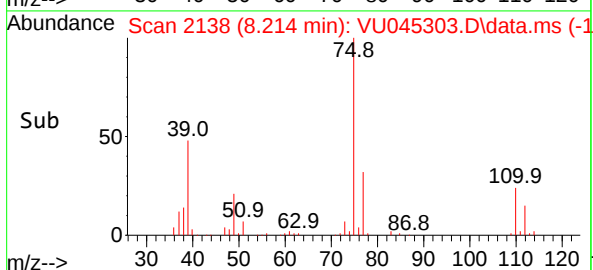
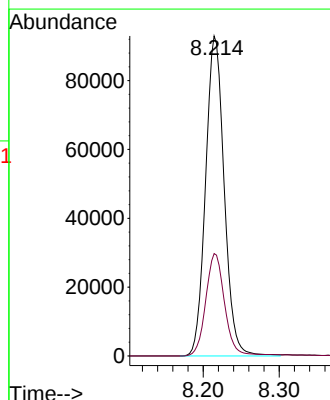
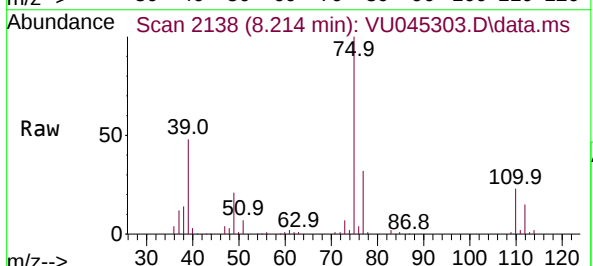
Acq: 13 Oct 2021 11:38

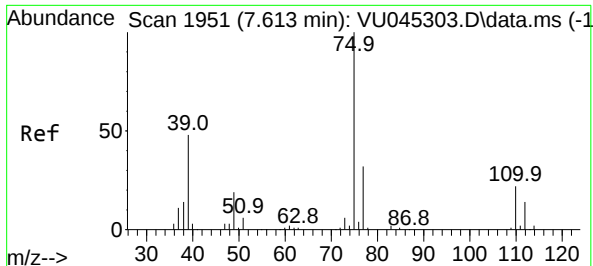
Tgt Ion: 75 Resp: 157982

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4





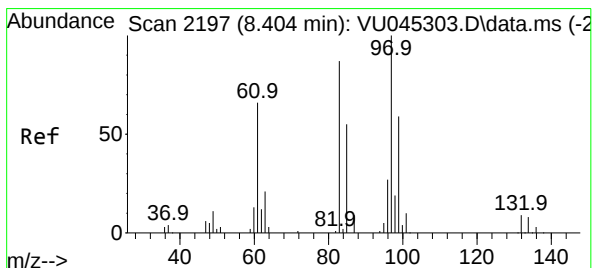
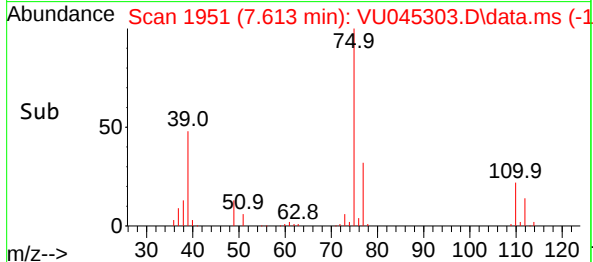
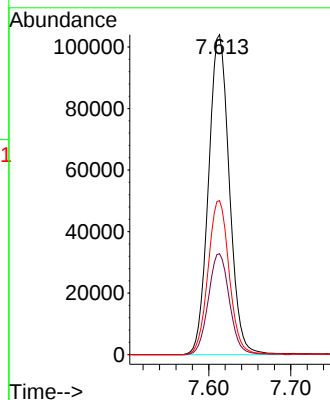
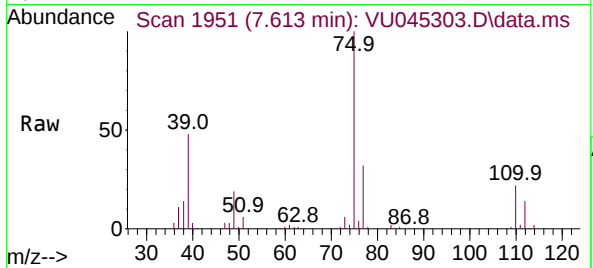
#51
 cis-1,3-Dichloropropene
 Concen: 11.510 ug/l
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VU045303.D
 Acq: 13 Oct 2021 11:38

Tgt Ion: 75 Resp: 183972
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 48.2 38.6 57.8

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

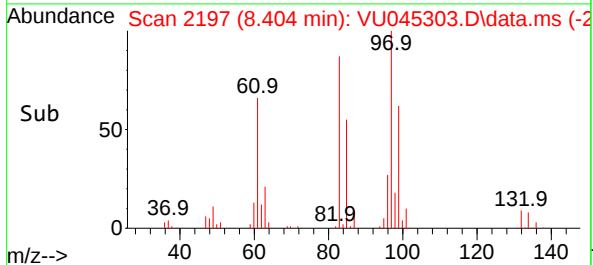
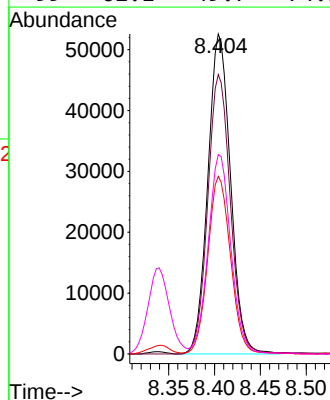
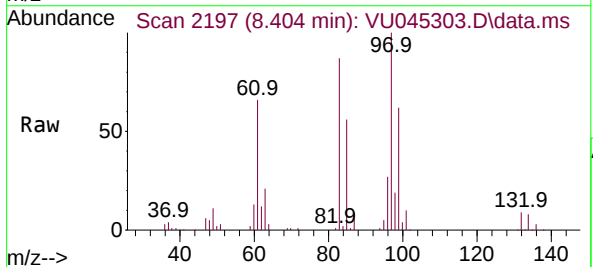
Manual Integrations
 APPROVED

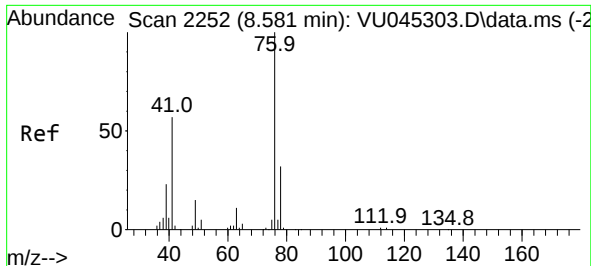
apatel
 10/14/2021 2:37:04 PM



#52
 1,1,2-Trichloroethane
 Concen: 9.469 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU045303.D
 Acq: 13 Oct 2021 11:38

Tgt Ion: 97 Resp: 90549
 Ion Ratio Lower Upper
 97 100
 83 87.3 69.8 104.8
 85 55.3 44.2 66.4
 99 62.1 49.7 74.5





#53

1,3-Dichloropropane

Concen: 9.908 ug/l

RT: 8.581 min Scan# 2252

Delta R.T. 0.000 min

Lab File: VU045303.D

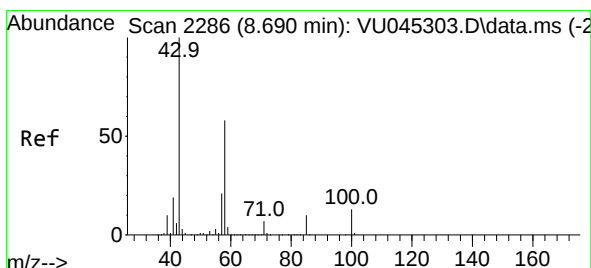
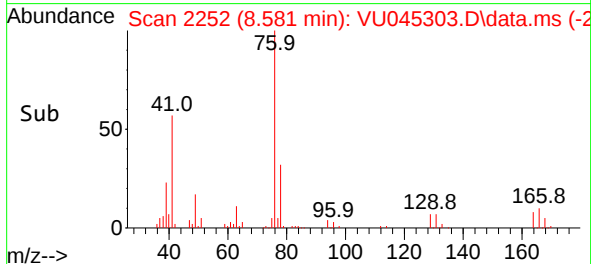
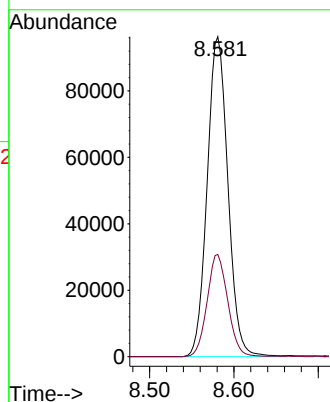
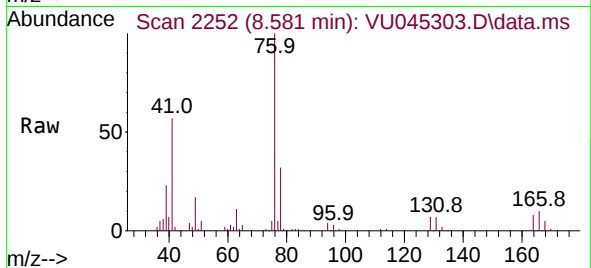
Acq: 13 Oct 2021 11:38

Tgt Ion: 76 Resp: 164853

Ion Ratio Lower Upper

76 100

78 31.8 25.4 38.2



#54

2-Hexanone

Concen: 64.259 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VU045303.D

Acq: 13 Oct 2021 11:38

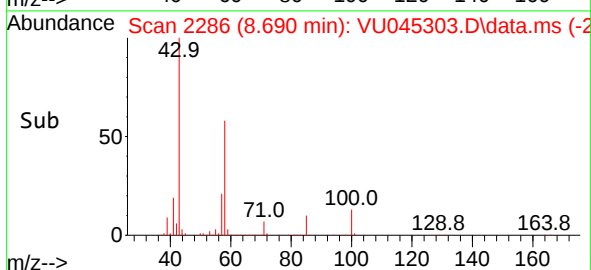
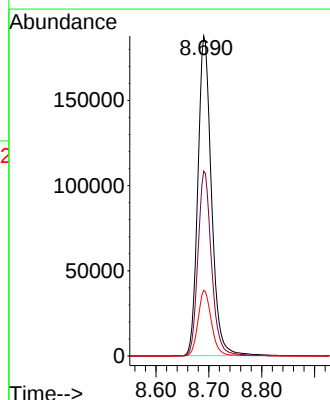
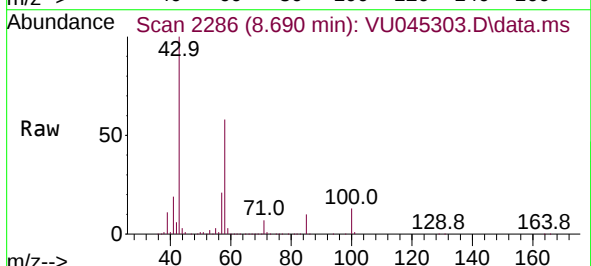
Tgt Ion: 43 Resp: 334727

Ion Ratio Lower Upper

43 100

58 57.7 37.7 77.7

57 20.5 0.5 40.5



Instrument :

MSVOA_U

ClientSampled :

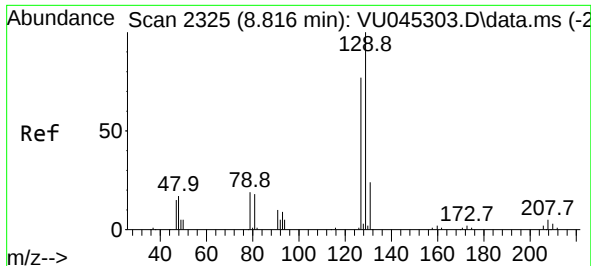
VSTDICCC010

Manual Integrations

APPROVED

apatel

10/14/2021 2:37:04 PM



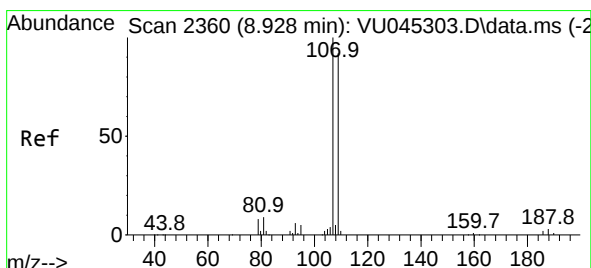
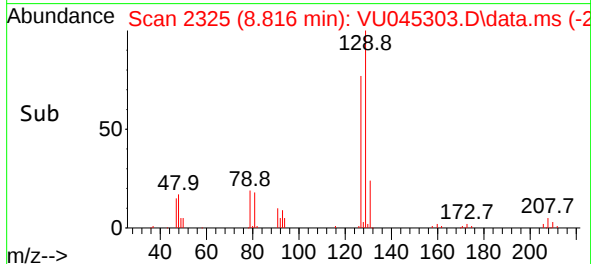
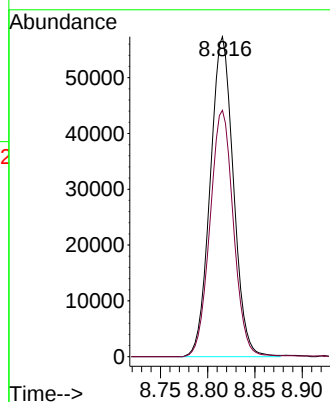
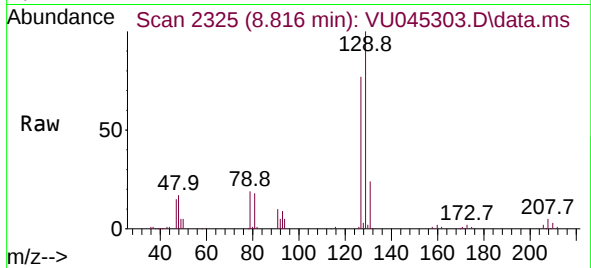
#55
Dibromochloromethane
Concen: 9.145 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:129 Resp: 97951
Ion Ratio Lower Upper
129 100
127 77.8 62.2 93.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

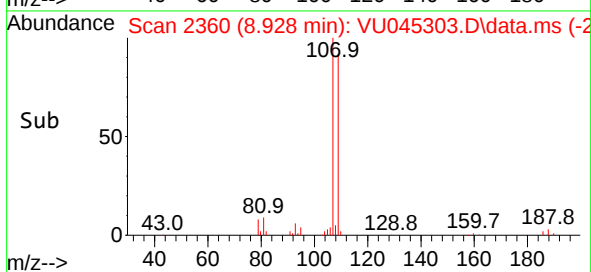
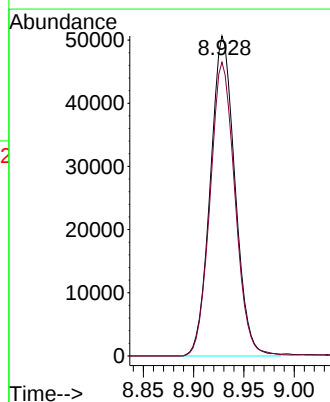
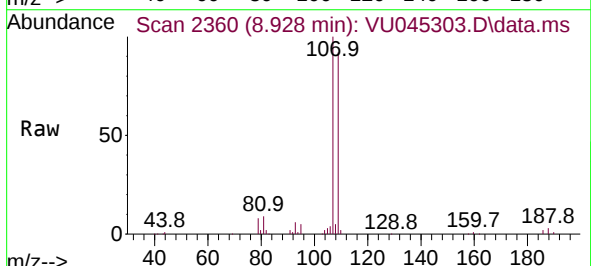
Manual Integrations
APPROVED

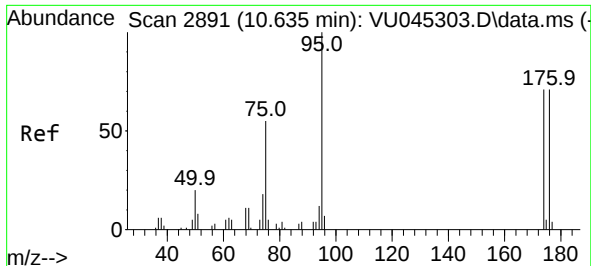
apatel
10/14/2021 2:37:04 PM



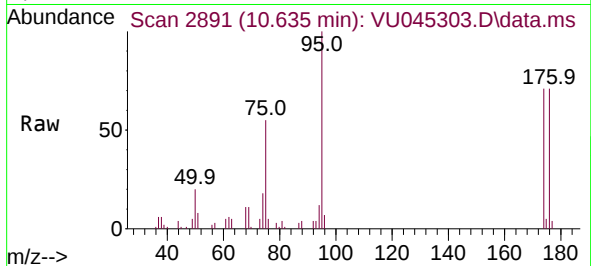
#56
1,2-Dibromoethane
Concen: 9.266 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:107 Resp: 86415
Ion Ratio Lower Upper
107 100
109 92.5 0.0 185.0

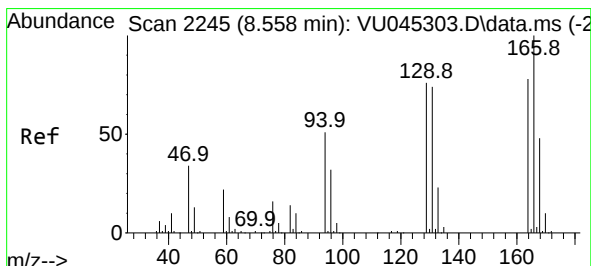
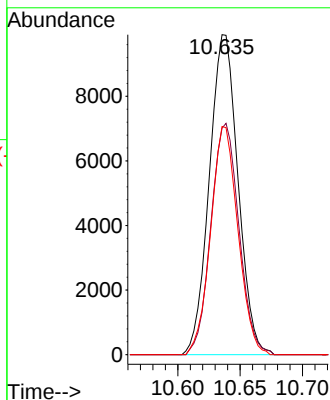
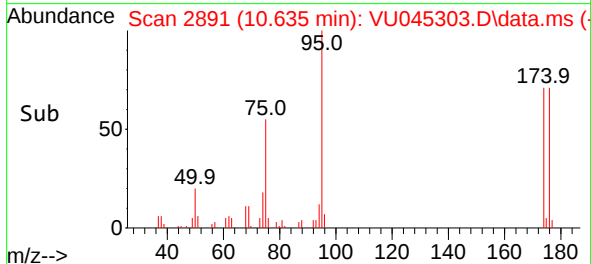




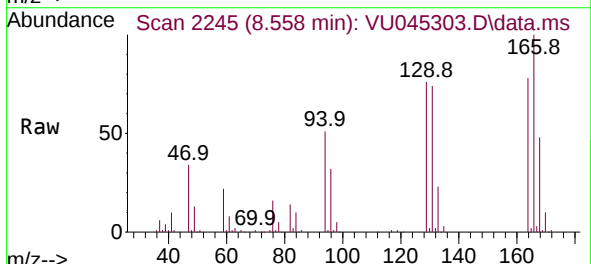
#57
4-Bromofluorobenzene
Concen: 1.013 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



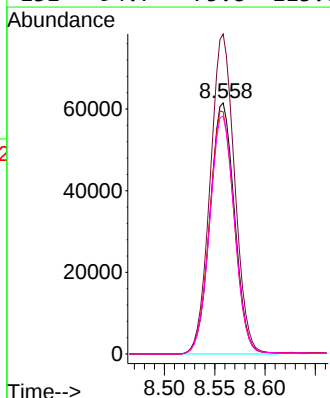
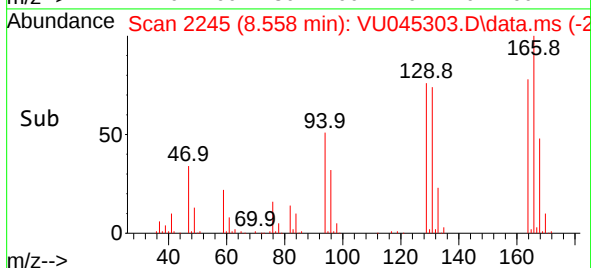
Tgt Ion: 95 Resp: 15887
Ion Ratio Lower Upper
95 100
174 70.7 56.6 84.8
176 67.9 54.3 81.5



#58
Tetrachloroethene
Concen: 8.860 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



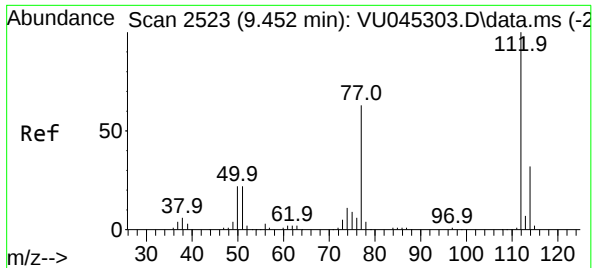
Tgt Ion: 164 Resp: 104375
Ion Ratio Lower Upper
164 100
166 127.5 102.0 153.0
129 96.4 77.1 115.7
131 94.7 75.8 113.6



Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations
APPROVED

apatel
10/14/2021 2:37:04 PM



#59

Chlorobenzene

Concen: 9.563 ug/l

RT: 9.452 min Scan# 2523

Delta R.T. 0.000 min

Lab File: VU045303.D

Acq: 13 Oct 2021 11:38

Tgt Ion:112 Resp: 312100

Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.0

Instrument :

MSVOA_U

ClientSampled :

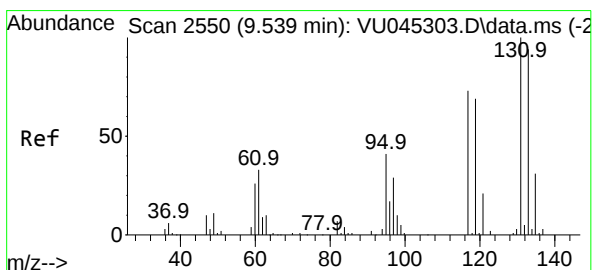
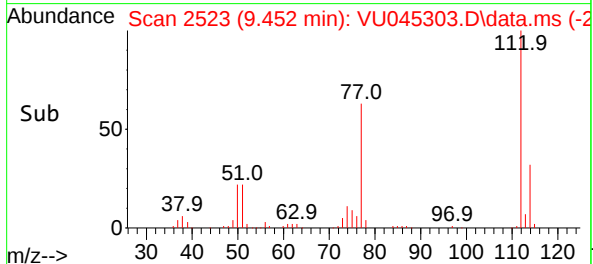
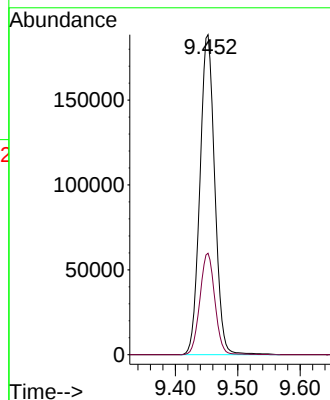
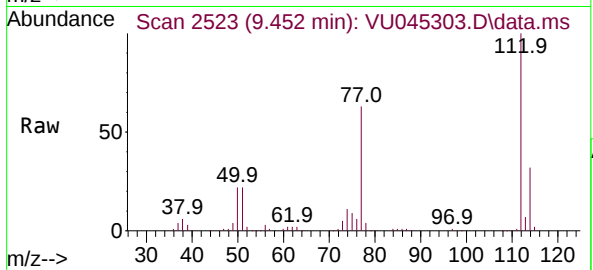
VSTDICCC010

Manual Integrations

APPROVED

apatel

10/14/2021 2:37:04 PM



#60

1,1,1,2-Tetrachloroethane

Concen: 9.015 ug/l

RT: 9.539 min Scan# 2550

Delta R.T. 0.000 min

Lab File: VU045303.D

Acq: 13 Oct 2021 11:38

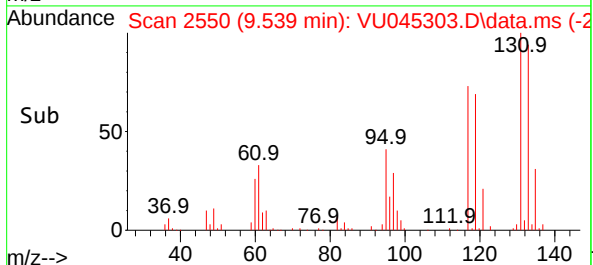
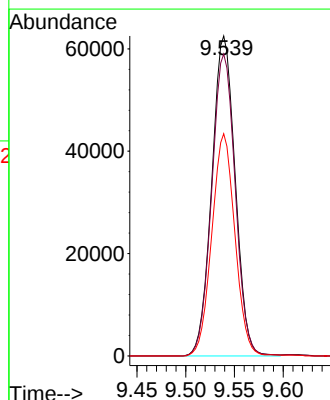
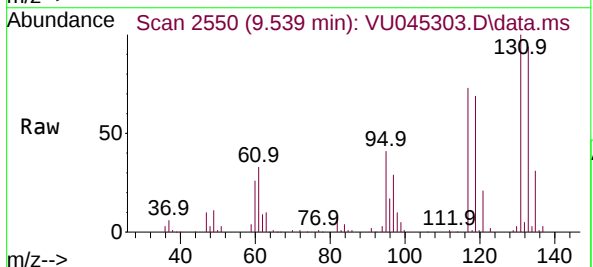
Tgt Ion:131 Resp: 104356

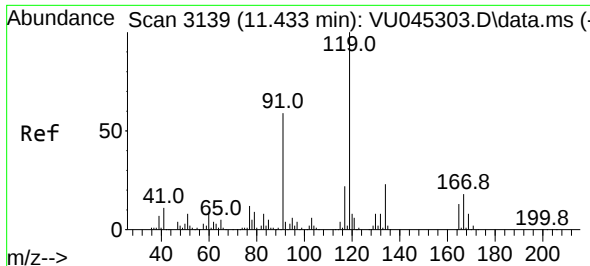
Ion Ratio Lower Upper

131 100

133 95.0 76.0 114.0

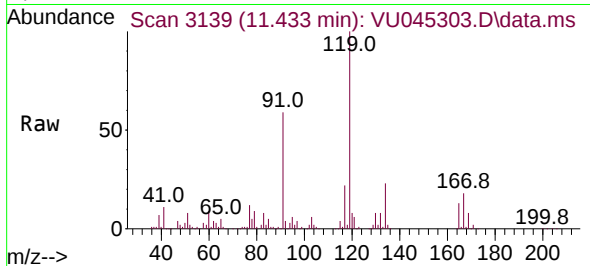
119 68.6 54.9 82.3





#61
 Pentachloroethane
 Concen: 8.789 ug/l
 RT: 11.433 min Scan# 3139
 Delta R.T. 0.000 min
 Lab File: VU045303.D
 Acq: 13 Oct 2021 11:38

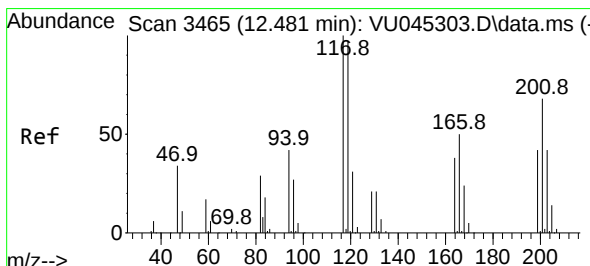
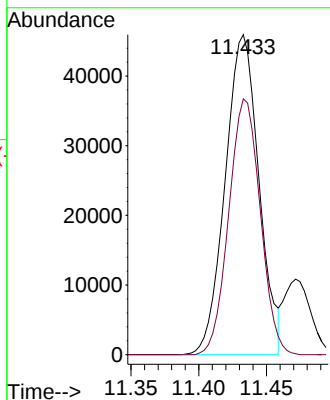
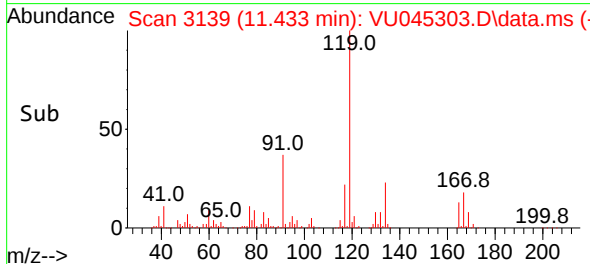
Instrument :
 MSVOA_U
 ClientSampled :
 VSTDICCC010



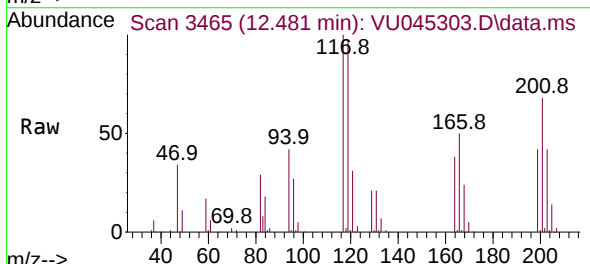
Tgt Ion:117 Resp: 79481
 Ion Ratio Lower Upper
 117 100
 167 74.6 59.7 89.5

Manual Integrations
 APPROVED

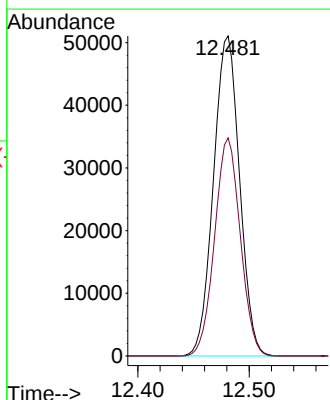
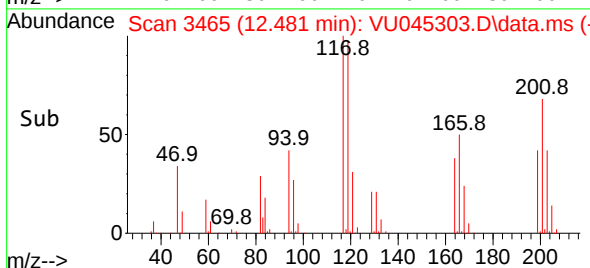
apatel
 10/14/2021 2:37:04 PM

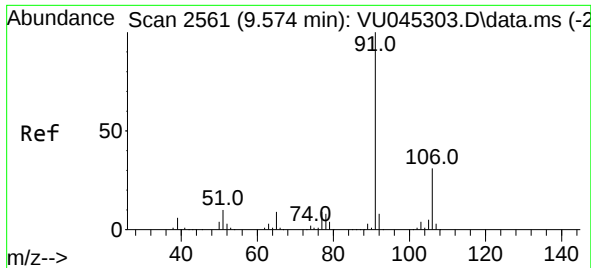


#62
 Hexachloroethane
 Concen: 9.129 ug/l
 RT: 12.481 min Scan# 3465
 Delta R.T. 0.000 min
 Lab File: VU045303.D
 Acq: 13 Oct 2021 11:38



Tgt Ion:117 Resp: 83167
 Ion Ratio Lower Upper
 117 100
 201 67.0 53.6 80.4





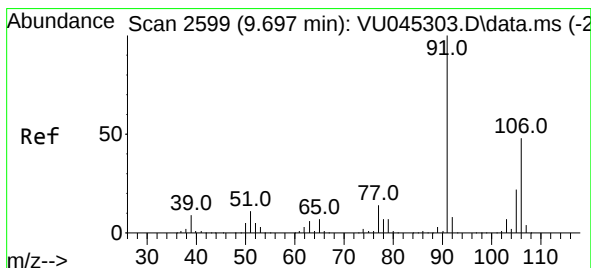
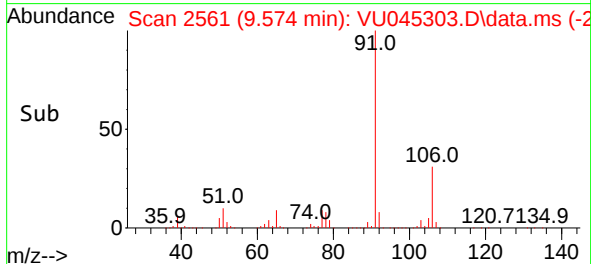
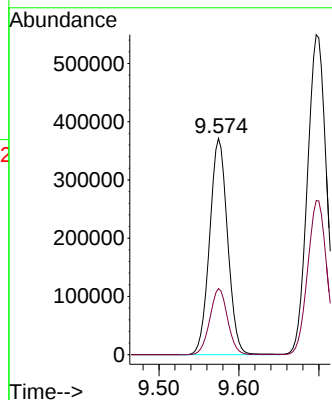
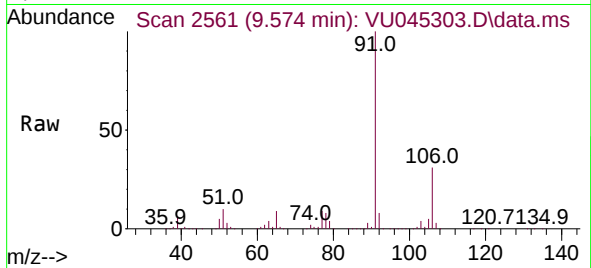
#63
Ethyl Benzene
Concen: 10.642 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 91 Resp: 580245
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

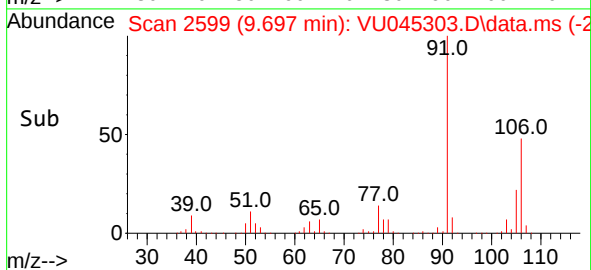
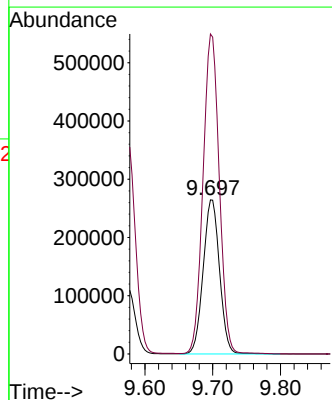
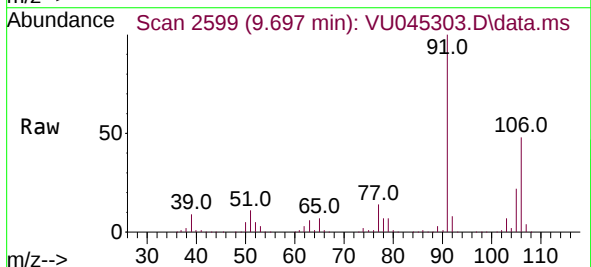
Manual Integrations
APPROVED

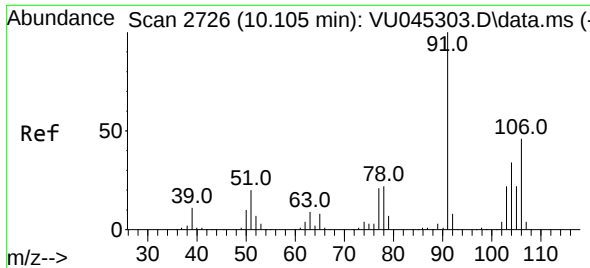
apatel
10/14/2021 2:37:04 PM



#64
m/p-Xylenes
Concen: 20.467 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 106 Resp: 442413
Ion Ratio Lower Upper
106 100
91 206.9 165.5 248.3





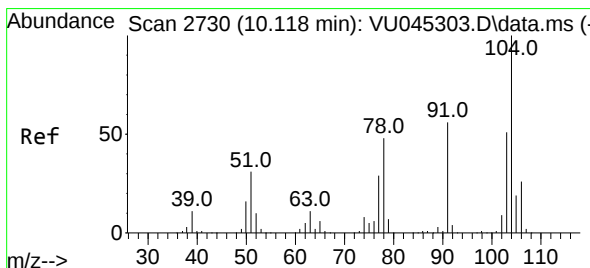
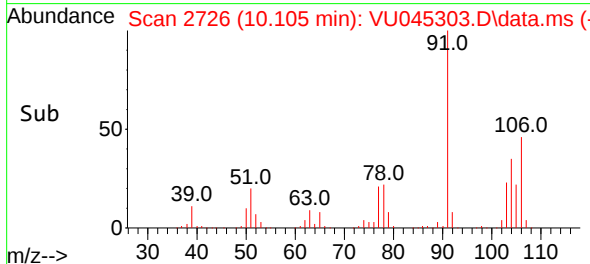
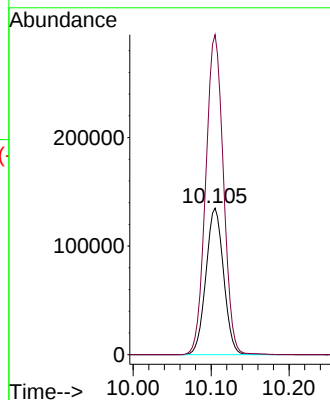
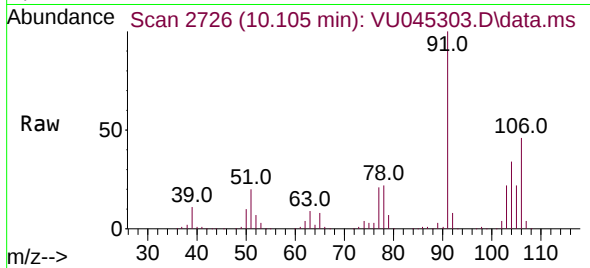
#65
o-Xylene
Concen: 10.162 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:106 Resp: 212825
Ion Ratio Lower Upper
106 100
91 218.8 109.4 328.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

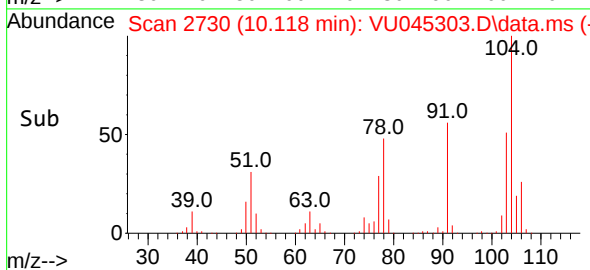
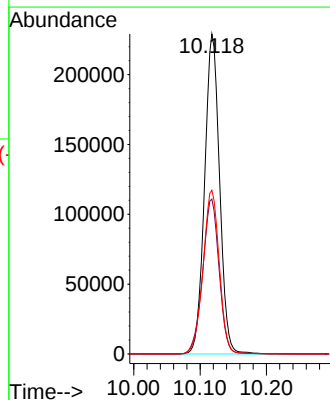
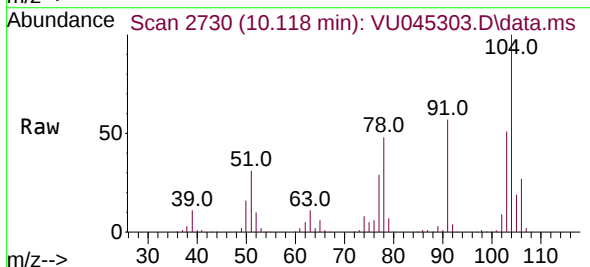
Manual Integrations
APPROVED

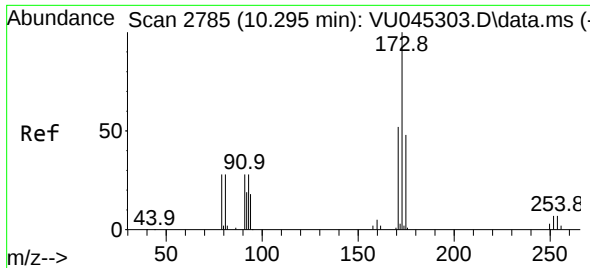
apatel
10/14/2021 2:37:04 PM



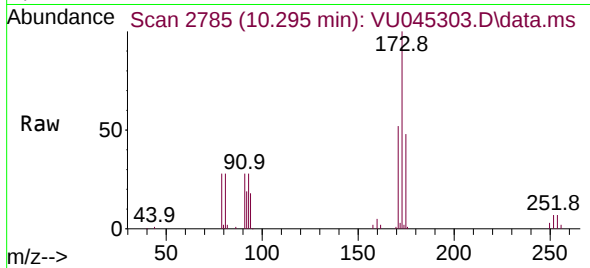
#66
Styrene
Concen: 10.239 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:104 Resp: 359947
Ion Ratio Lower Upper
104 100
78 53.0 42.4 63.6
103 55.3 44.2 66.4

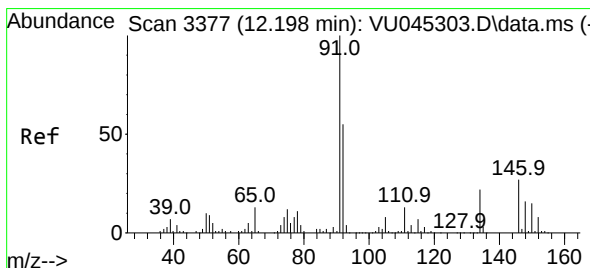
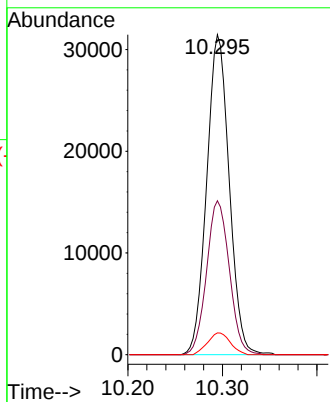
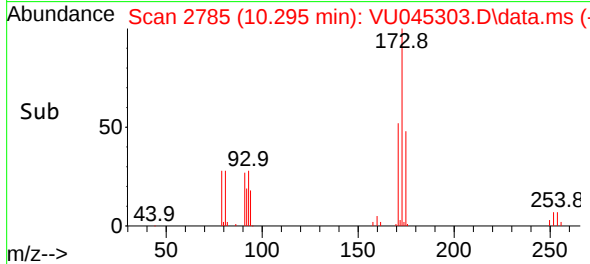




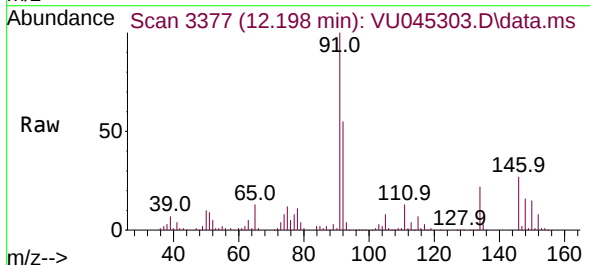
#67
Bromoform
Concen: 8.719 ug/l
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



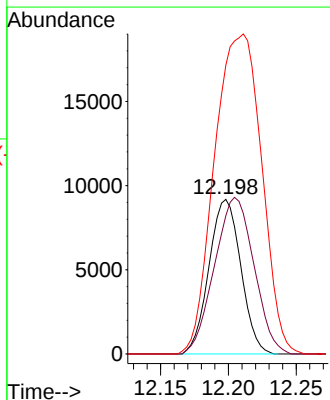
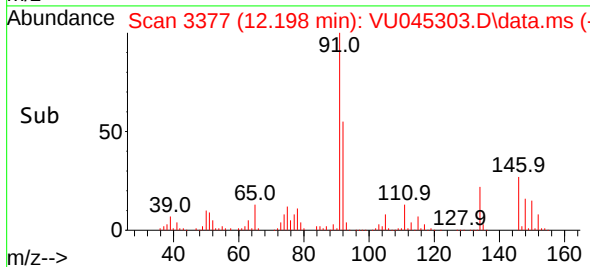
Tgt Ion:173 Resp: 51973
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 6.9 5.5 8.3



#68
1,2-Dichlorobenzene-d4
Concen: 0.846 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



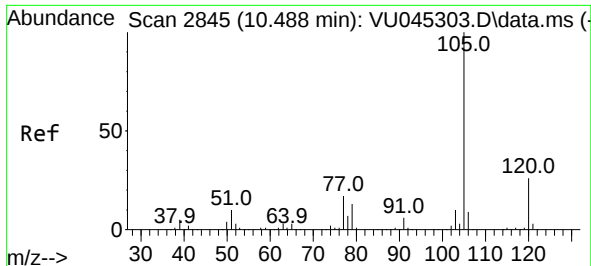
Tgt Ion:152 Resp: 14996
Ion Ratio Lower Upper
152 100
115 125.5 0.0 251.0
150 306.9 0.0 613.8



Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

Manual Integrations
APPROVED

apatel
10/14/2021 2:37:04 PM



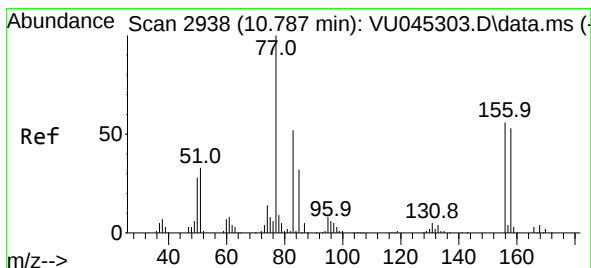
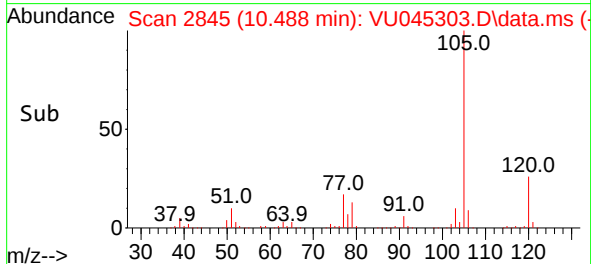
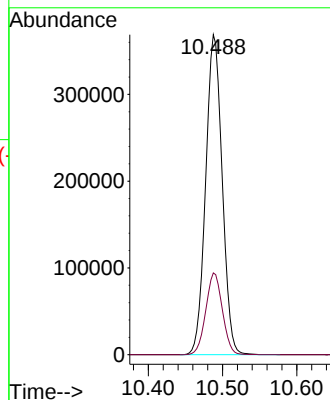
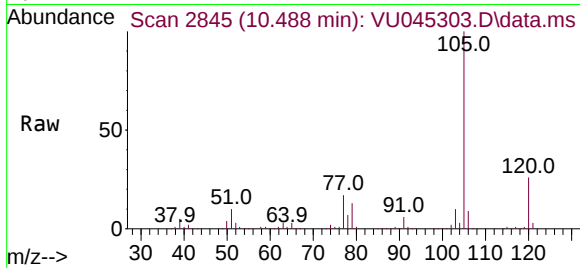
#69
Isopropylbenzene
Concen: 10.382 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

Tgt Ion:105 Resp: 568614
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

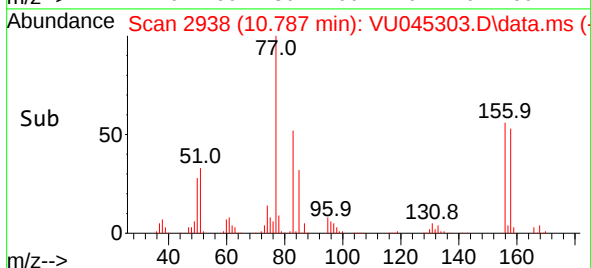
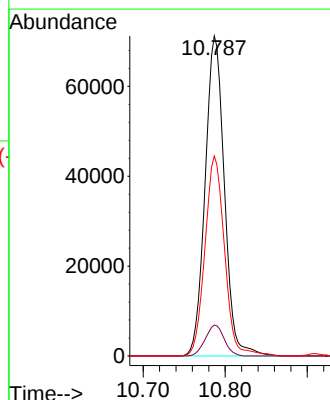
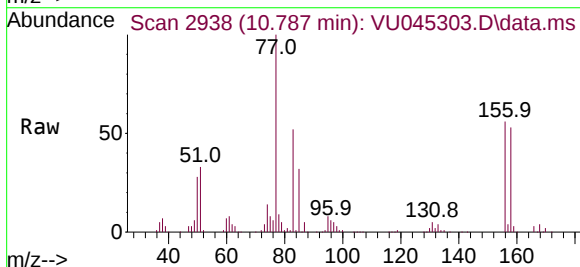
Manual Integrations
APPROVED

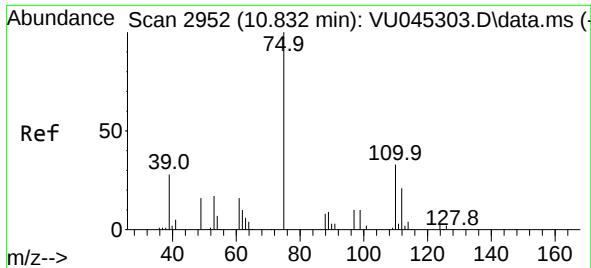
apatel
10/14/2021 2:37:04 PM



#70
1,1,2,2-Tetrachloroethane
Concen: 9.073 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 83 Resp: 116305
Ion Ratio Lower Upper
83 100
131 9.5 7.6 11.4
85 63.6 50.9 76.3





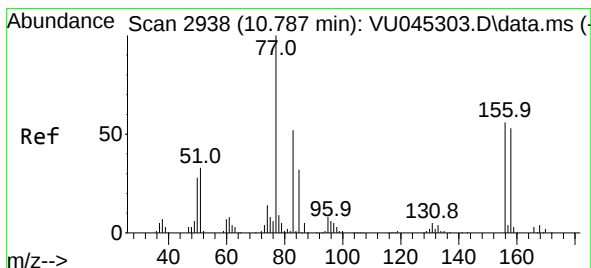
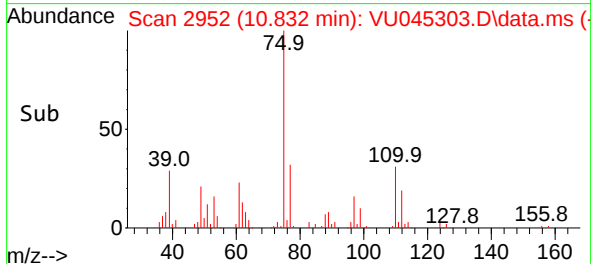
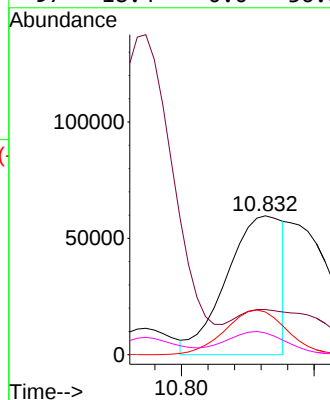
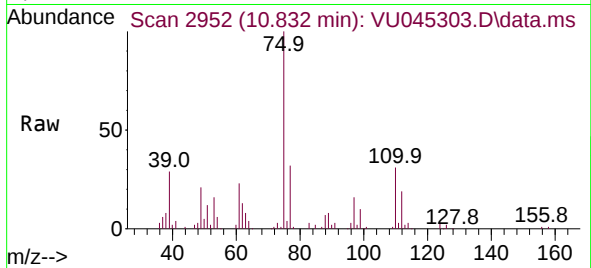
#71
1,2,3-Trichloropropane
Concen: 9.415 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:	75	Resp:	87427
Ion	Ratio	Lower	Upper
75	100		
77	52.8	0.0	105.6
110	35.6	0.0	71.2
97	18.4	0.0	36.8

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

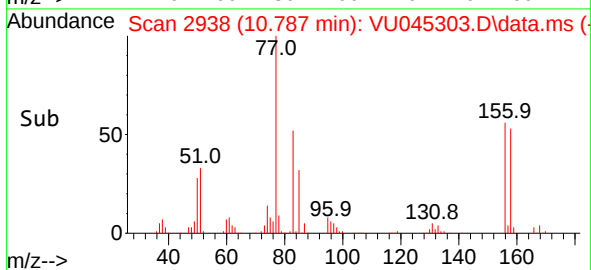
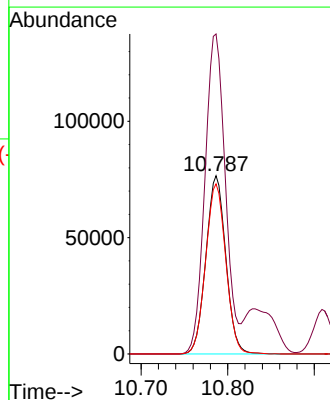
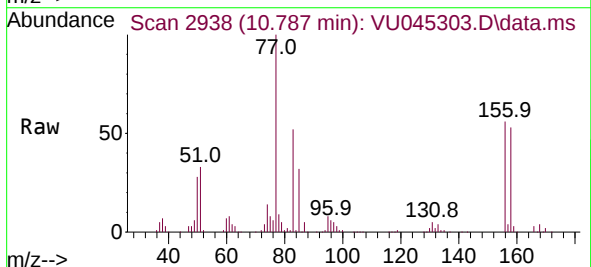
Manual Integrations
APPROVED

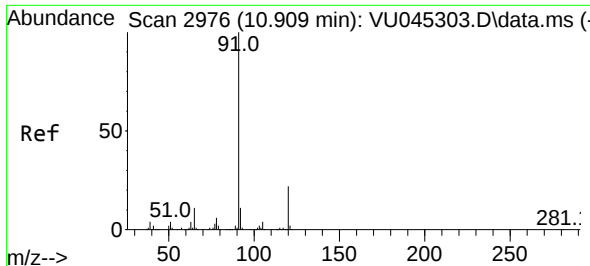
apatel
10/14/2021 2:37:04 PM



#72
Bromobenzene
Concen: 8.862 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:	156	Resp:	122156
Ion	Ratio	Lower	Upper
156	100		
77	185.3	0.0	370.6
158	96.7	0.0	193.4





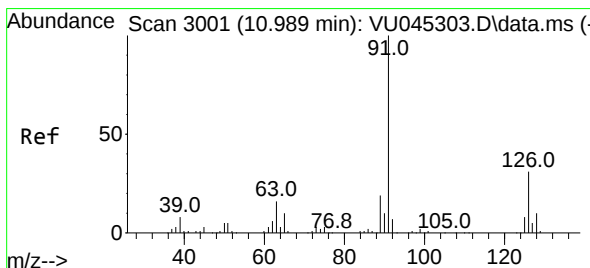
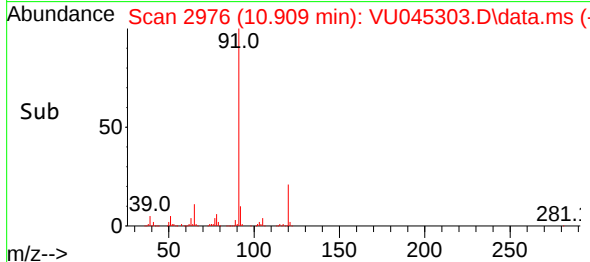
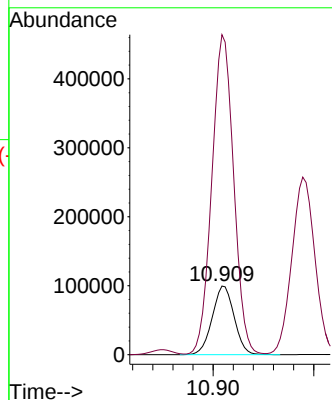
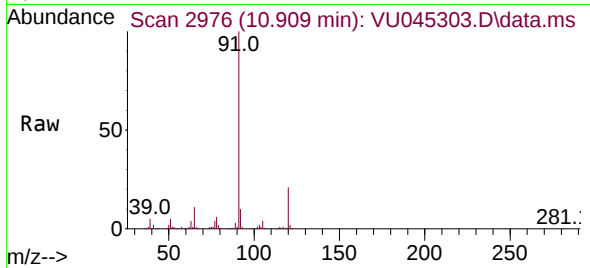
#73
n-propylbenzene
Concen: 9.960 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:120 Resp: 150294
Ion Ratio Lower Upper
120 100
91 463.4 370.7 556.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

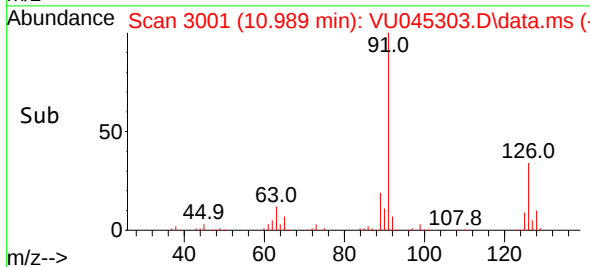
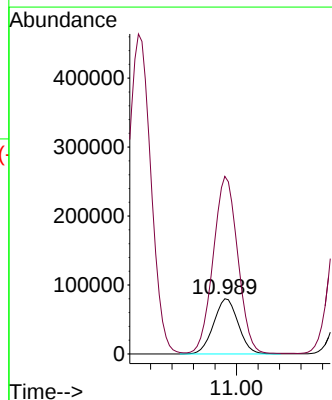
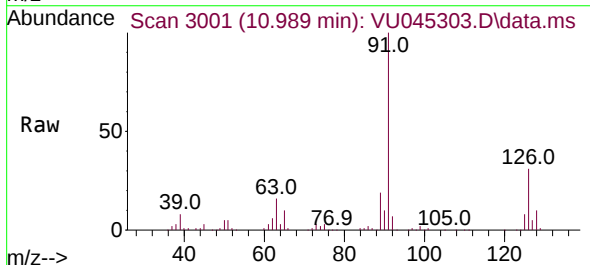
Manual Integrations
APPROVED

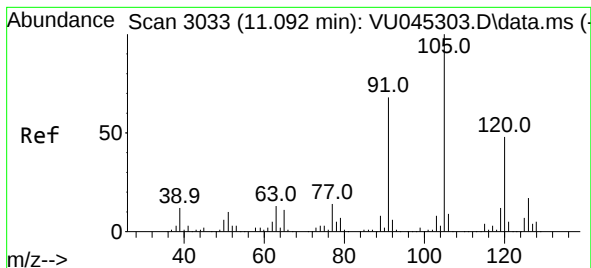
apatel
10/14/2021 2:37:04 PM



#74
2-Chlorotoluene
Concen: 9.384 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:126 Resp: 126867
Ion Ratio Lower Upper
126 100
91 319.8 0.0 639.6





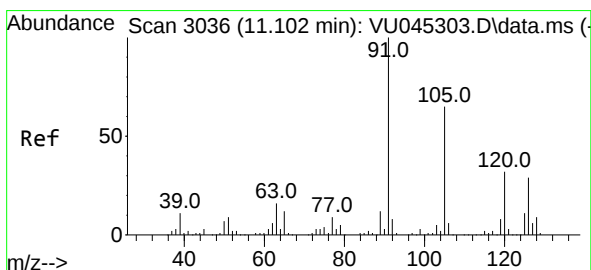
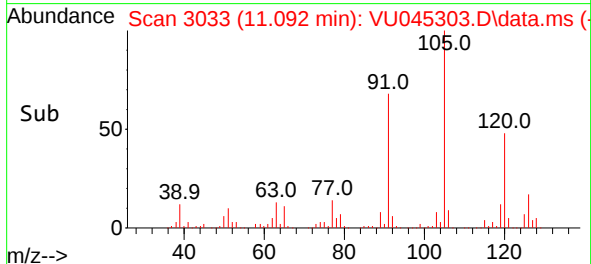
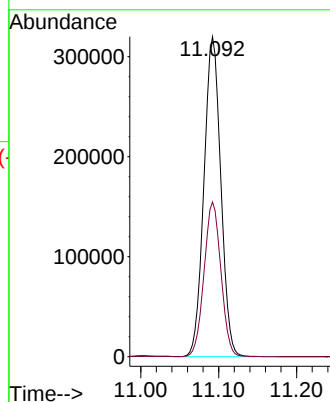
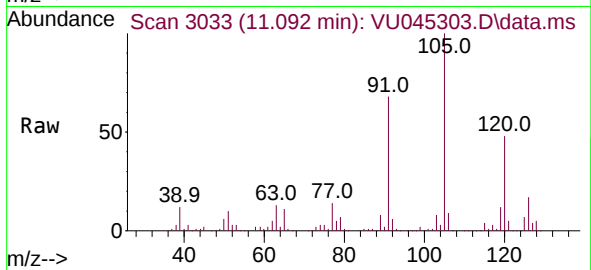
#75
1,3,5-Trimethylbenzene
Concen: 10.248 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:105 Resp: 481329
Ion Ratio Lower Upper
105 100
120 48.3 38.6 58.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

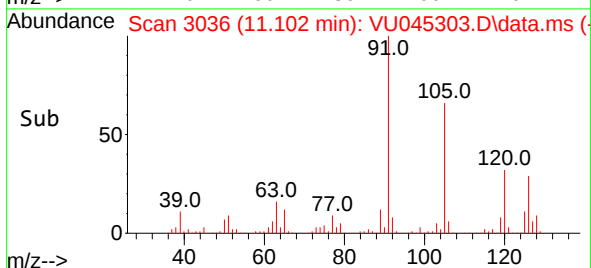
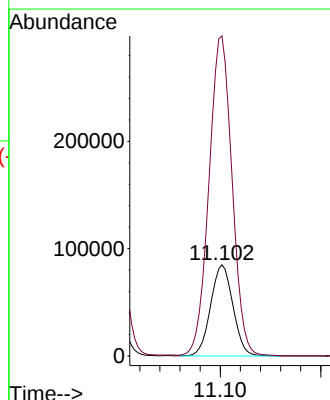
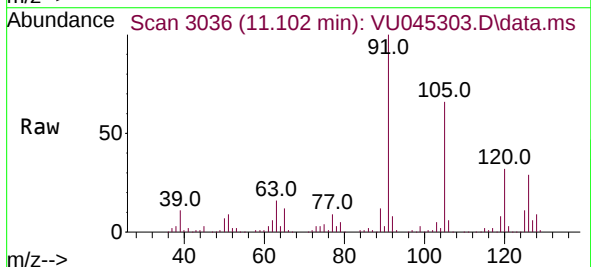
Manual Integrations
APPROVED

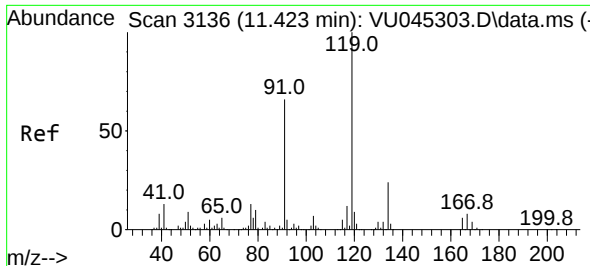
apatel
10/14/2021 2:37:04 PM



#76
4-Chlorotoluene
Concen: 9.185 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:126 Resp: 130747
Ion Ratio Lower Upper
126 100
91 364.0 0.0 728.0





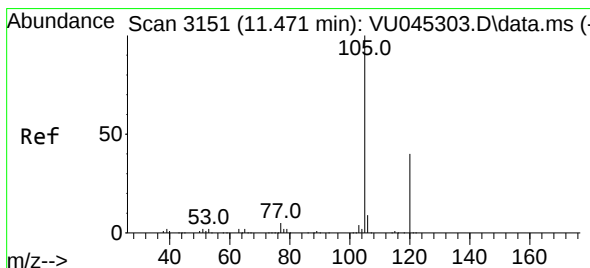
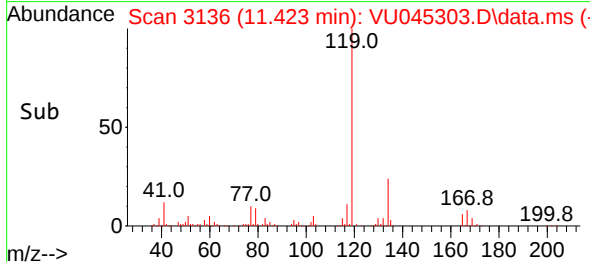
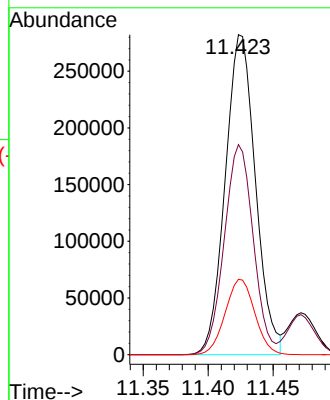
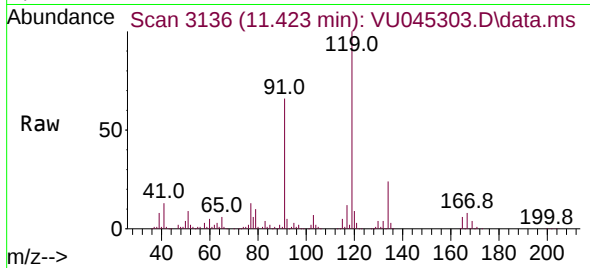
#77
tert-Butylbenzene
Concen: 9.808 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:119 Resp: 457773
Ion Ratio Lower Upper
119 100
91 62.9 31.4 94.3
134 23.1 18.5 27.7

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

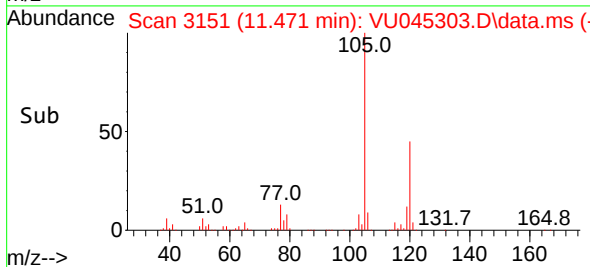
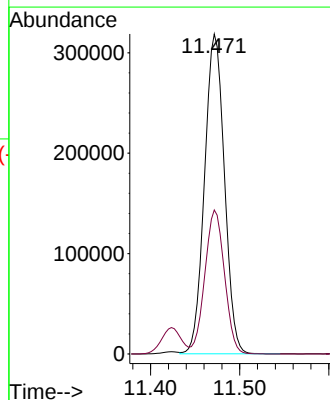
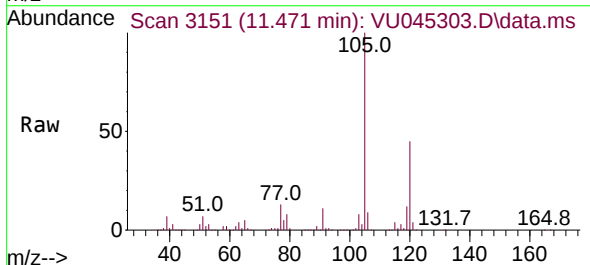
Manual Integrations
APPROVED

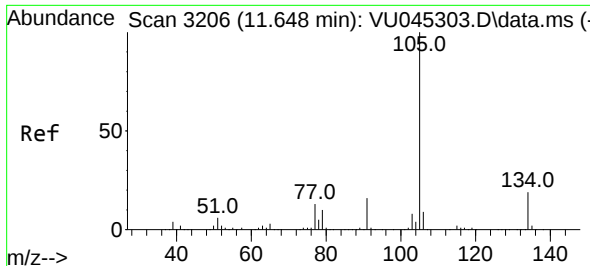
apatel
10/14/2021 2:37:04 PM



#78
1,2,4-Trimethylbenzene
Concen: 10.274 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:105 Resp: 493228
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8





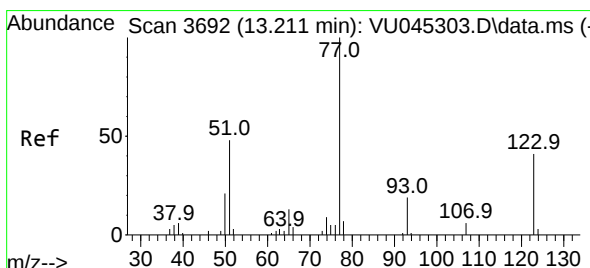
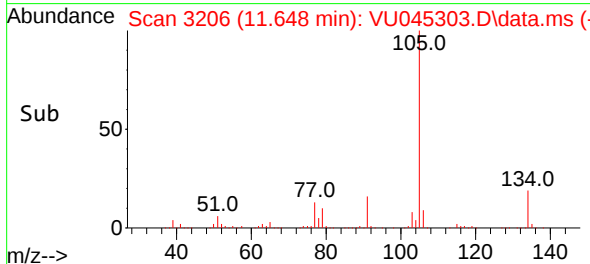
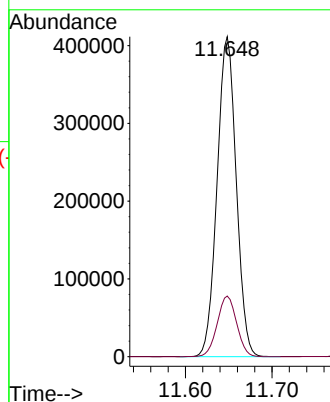
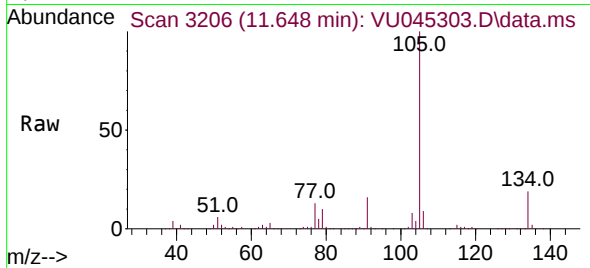
#79
 sec-Butylbenzene
 Concen: 9.953 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU045303.D
 Acq: 13 Oct 2021 11:38

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDICCC010

Tgt Ion:105 Resp: 630980
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.4 23.0

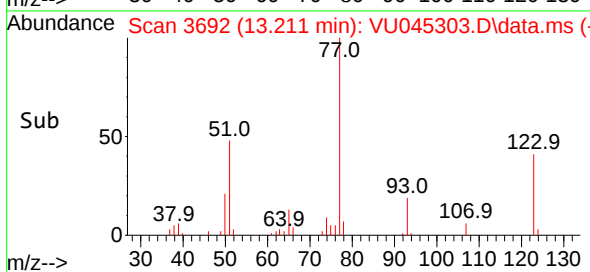
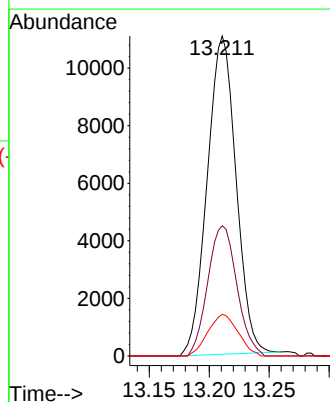
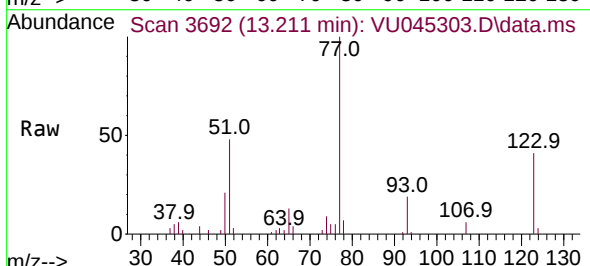
Manual Integrations
 APPROVED

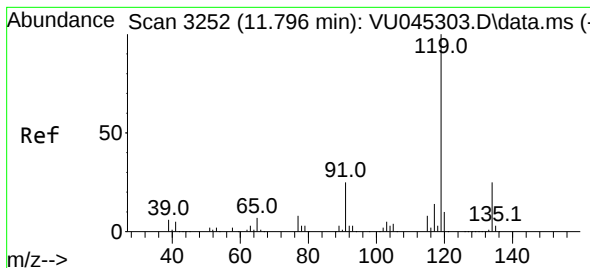
apatel
 10/14/2021 2:37:04 PM



#80
 Nitrobenzene
 Concen: 61.388 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.000 min
 Lab File: VU045303.D
 Acq: 13 Oct 2021 11:38

Tgt Ion: 77 Resp: 18459
 Ion Ratio Lower Upper
 77 100
 123 41.3 18.2 64.4
 65 13.6 12.0 15.2





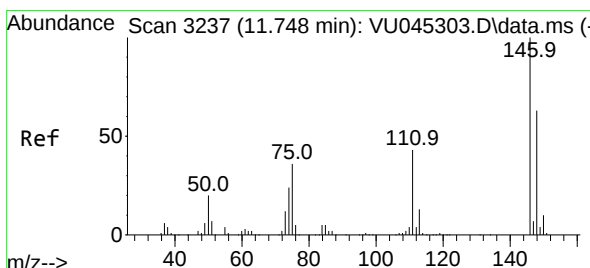
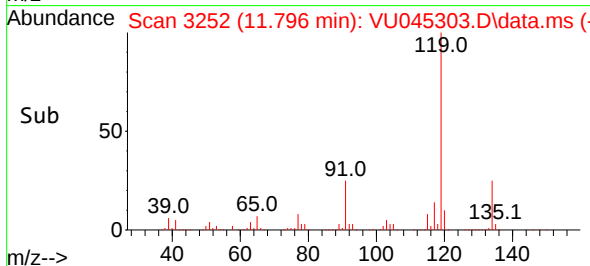
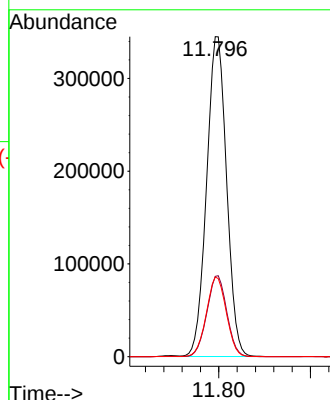
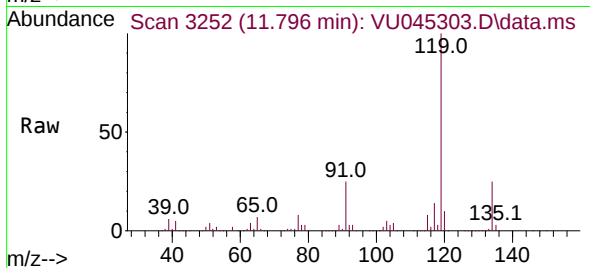
#81
p-Isopropyltoluene
Concen: 10.090 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:119 Resp: 521202
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.4
91 24.9 19.9 29.9

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

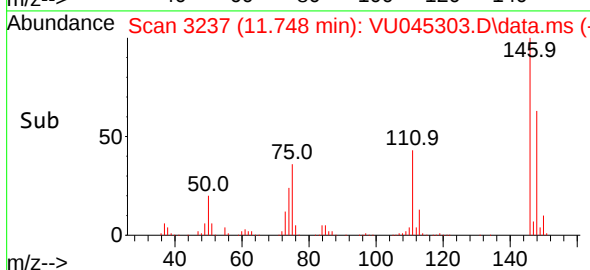
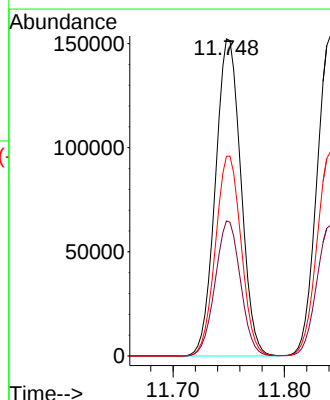
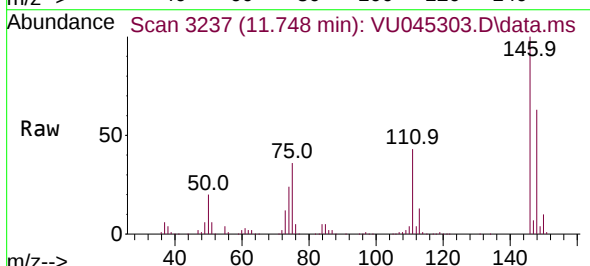
Manual Integrations
APPROVED

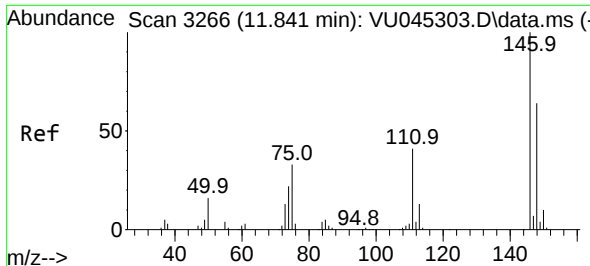
apatel
10/14/2021 2:37:04 PM



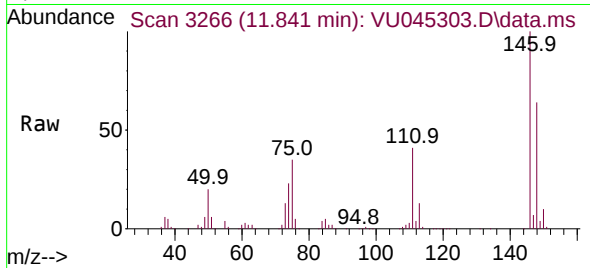
#82
1,3-Dichlorobenzene
Concen: 8.794 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion:146 Resp: 242051
Ion Ratio Lower Upper
146 100
111 42.4 33.9 50.9
148 63.6 50.9 76.3

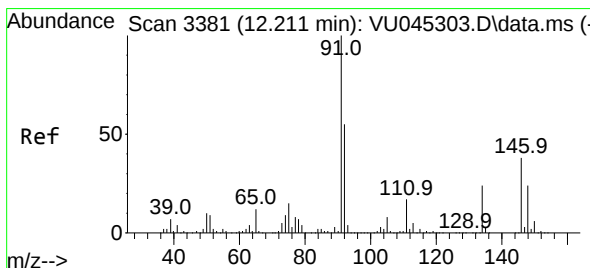
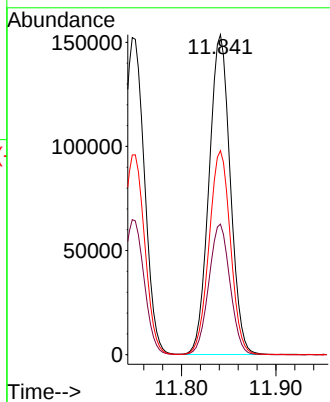
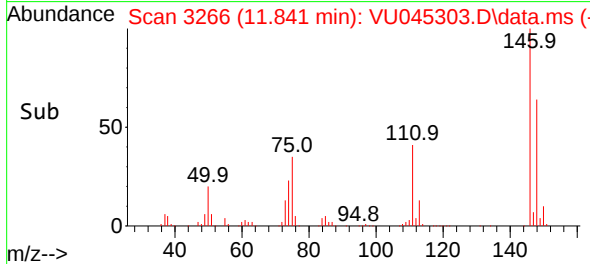




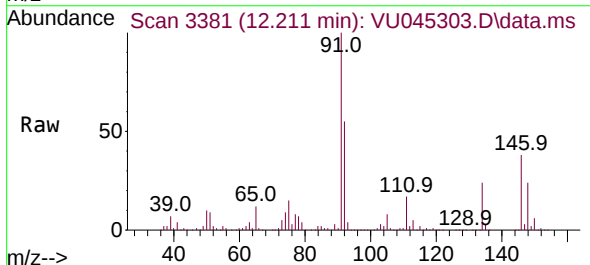
#83
1,4-Dichlorobenzene
Concen: 8.686 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



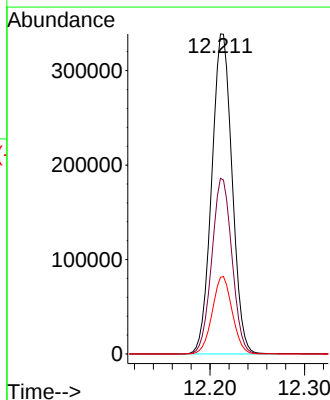
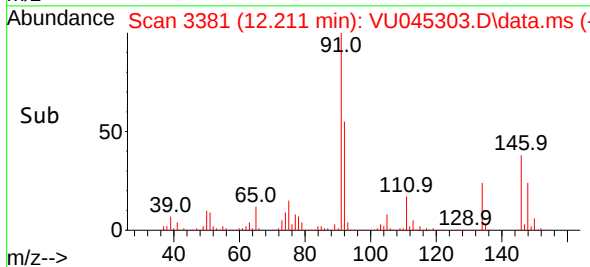
Tgt Ion:146 Resp: 239635
Ion Ratio Lower Upper
146 100
111 40.9 32.7 49.1
148 64.2 51.4 77.0



#84
n-Butylbenzene
Concen: 10.316 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



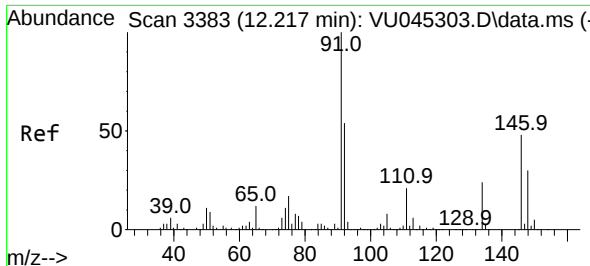
Tgt Ion: 91 Resp: 507616
Ion Ratio Lower Upper
91 100
92 54.4 43.5 65.3
134 23.7 19.0 28.4



Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

Manual Integrations
APPROVED

apatel
10/14/2021 2:37:04 PM



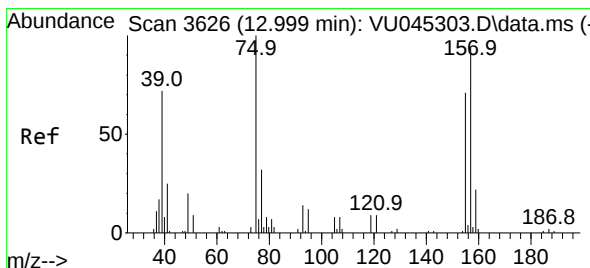
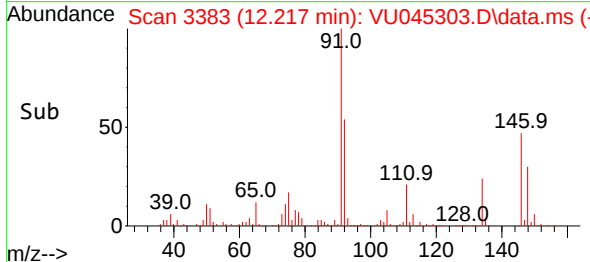
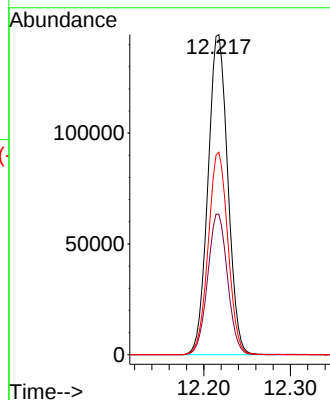
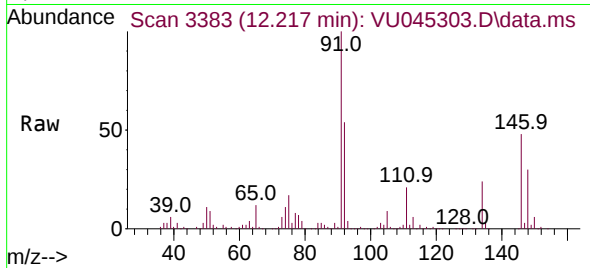
#85
1,2-Dichlorobenzene
Concen: 8.380 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

Tgt Ion: 146 Resp: 229697
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.1
148 63.1 31.6 94.7

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

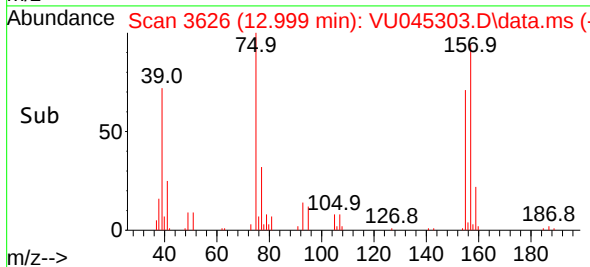
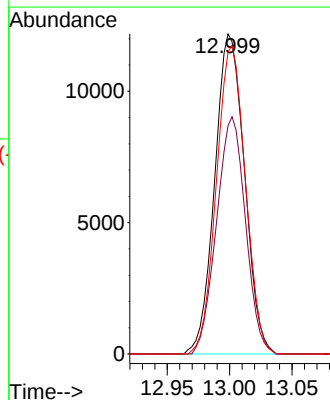
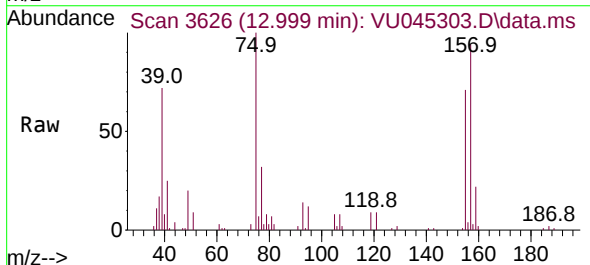
Manual Integrations
APPROVED

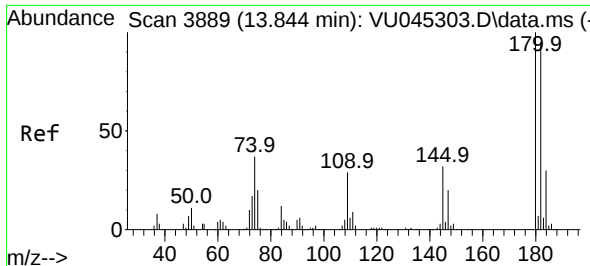
apatel
10/14/2021 2:37:04 PM



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.685 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

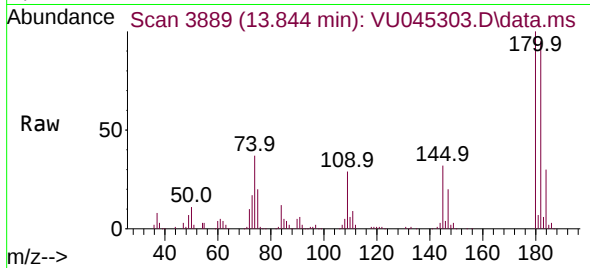
Tgt Ion: 75 Resp: 20209
Ion Ratio Lower Upper
75 100
155 72.3 57.8 86.8
157 93.9 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 8.816 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

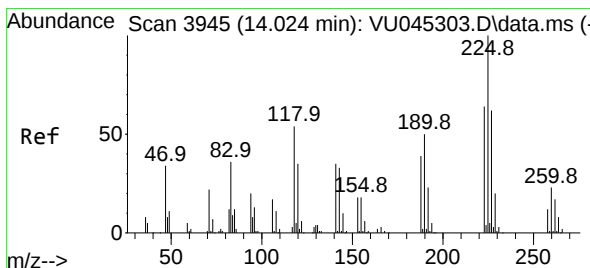
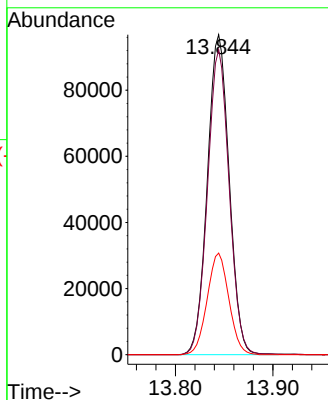
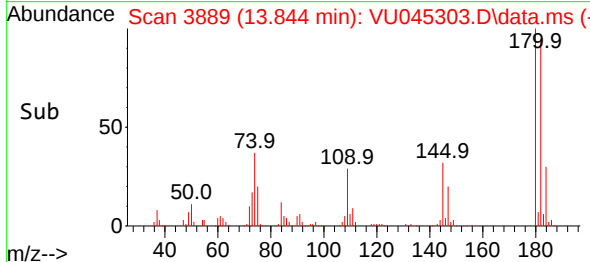
Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010



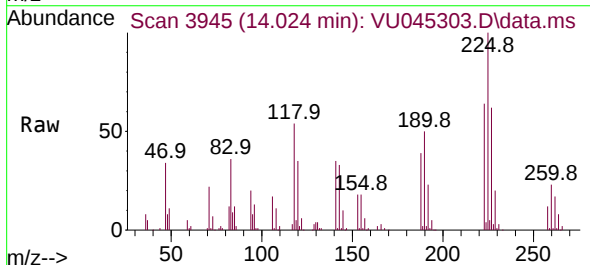
Tgt Ion:180 Resp: 150611
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.8
145 31.6 25.3 37.9

Manual Integrations
APPROVED

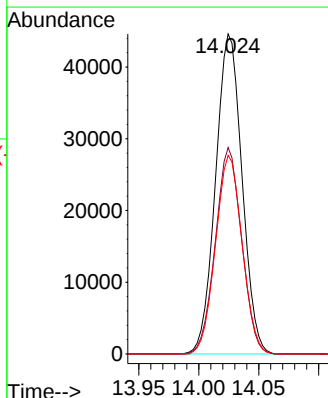
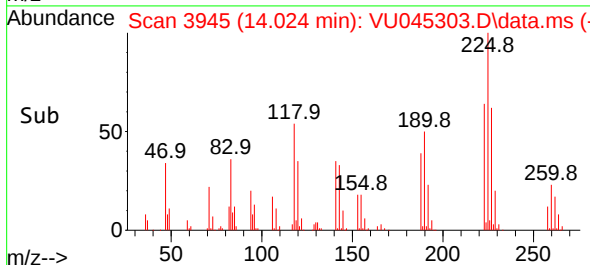
apatel
10/14/2021 2:37:04 PM

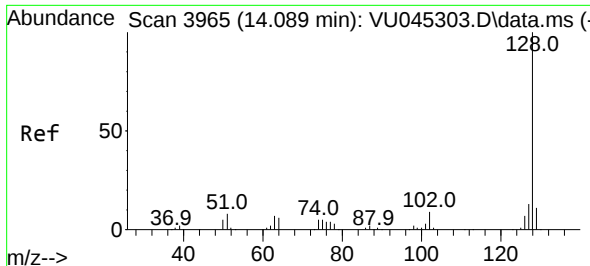


#88
Hexachlorobutadiene
Concen: 7.278 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38

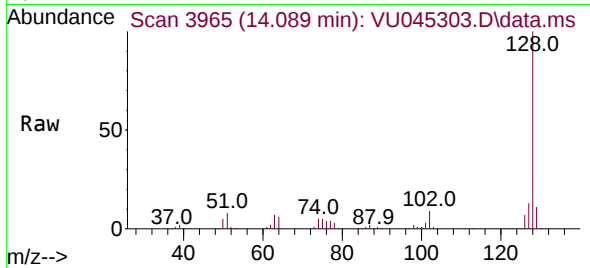


Tgt Ion:225 Resp: 68297
Ion Ratio Lower Upper
225 100
223 63.9 51.1 76.7
227 62.4 49.9 74.9

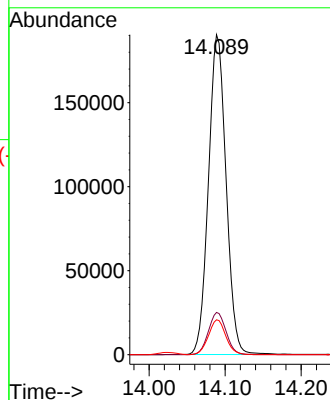
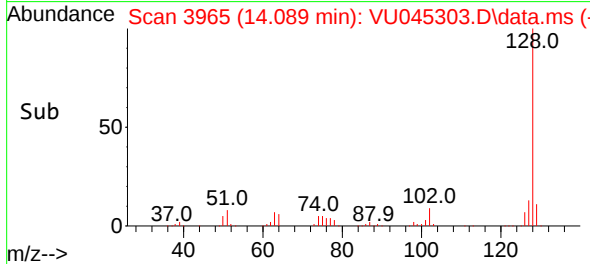




#89
Naphthalene
Concen: 9.244 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



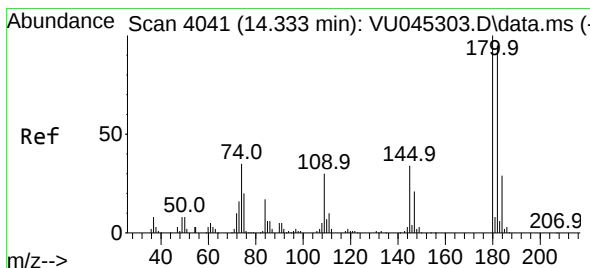
Tgt Ion:128 Resp: 306579
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.8 8.6 13.0



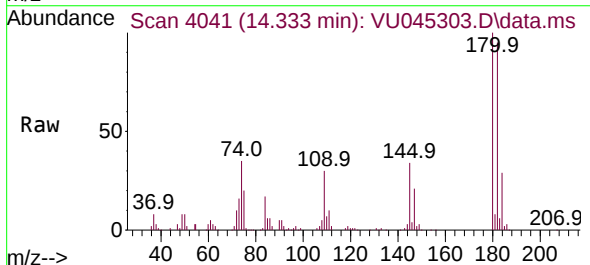
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations
APPROVED

apatel
10/14/2021 2:37:04 PM



#90
1,2,3-Trichlorobenzene
Concen: 8.442 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045303.D
Acq: 13 Oct 2021 11:38



Tgt Ion:180 Resp: 139312
Ion Ratio Lower Upper
180 100
182 94.2 75.4 113.0
145 33.7 27.0 40.4

