

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043018.D
 Acq On : 12 Apr 2021 12:05
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 4/13/2021 5:47:12 PM

Quant Time: Apr 12 12:22:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 12:08:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	131704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	204753	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	203986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	121188	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	323518	162.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	324.82%	
35) Dibromofluoromethane	5.298	113	231596	160.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	321.14%	
50) Toluene-d8	7.906	98	827900	159.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	319.20%	
62) 4-Bromofluorobenzene	10.642	95	360524	175.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	350.54%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	207876	135.75	ug/l	100
3) Chloromethane	1.520	50	209000	130.92	ug/l	99
4) Vinyl Chloride	1.607	62	220246	144.43	ug/l	99
5) Bromomethane	1.838	94	103722	110.52	ug/l	98
6) Chloroethane	1.912	64	152587	167.46	ug/l	97
7) Trichlorofluoromethane	2.128	101	368630	154.86	ug/l	100
8) Diethyl Ether	2.379	74	121098	158.84	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	196942	158.21	ug/l	96
10) Methyl Iodide	2.723	142	265855	151.18	ug/l	99
11) Tert butyl alcohol	3.260	59	465479m	1025.30	ug/l	
12) 1,1-Dichloroethene	2.578	96	190998	157.83	ug/l	98
13) Acrolein	2.488	56	273979	971.07	ug/l	98
14) Allyl chloride	2.925	41	473018	175.34	ug/l	98
15) Acrylonitrile	3.321	53	954421	905.53	ug/l	99
16) Acetone	2.633	43	969756	771.36	ug/l	100
17) Carbon Disulfide	2.793	76	574047	157.70	ug/l	99
18) Methyl Acetate	2.951	43	430360	185.97	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	767752	166.10	ug/l	99
20) Methylene Chloride	3.047	84	230808	160.38	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	221050	169.00	ug/l	99
22) Diisopropyl ether	3.999	45	886181	171.19	ug/l	91
23) Vinyl Acetate	3.964	43	4468854	906.09	ug/l	100
24) 1,1-Dichloroethane	3.874	63	440419	165.17	ug/l	99
25) 2-Butanone	4.710	43	1550377	911.89	ug/l	100
26) 2,2-Dichloropropane	4.671	77	394648	163.44	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	253659	167.19	ug/l	98
28) Bromochloromethane	4.983	49	219708	161.76	ug/l	96
29) Tetrahydrofuran	5.057	42	973859	919.28	ug/l	98
30) Chloroform	5.096	83	449216	164.32	ug/l	96
31) Cyclohexane	5.395	56	401929	152.83	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	408989	164.96	ug/l	100
36) 1,1-Dichloropropene	5.533	75	331961	161.62	ug/l	99
37) Ethyl Acetate	4.809	43	556388	172.27	ug/l	99
38) Carbon Tetrachloride	5.533	117	359049	163.79	ug/l	98
39) Methylcyclohexane	6.771	83	377740	160.10	ug/l	98
40) Benzene	5.780	78	935752	161.98	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	299537	179.60	ug/l	99
42) 1,2-Dichloroethane	5.800	62	405991	160.39	ug/l	100
43) Isopropyl Acetate	5.919	43	829284	174.59	ug/l	99
44) Trichloroethene	6.549	130	241875	158.41	ug/l	99
45) 1,2-Dichloropropane	6.800	63	263223	163.63	ug/l	98
46) Dibromomethane	6.925	93	183340	164.06	ug/l	97
47) Bromodichloromethane	7.115	83	372903	169.69	ug/l	99
48) Methyl methacrylate	6.970	41	430326	182.76	ug/l	98
49) 1,4-Dioxane	6.983	88	166010	3625.76	ug/l #	98
51) 4-Methyl-2-Pentanone	7.809	43	3204722	979.93	ug/l	99
52) Toluene	7.976	92	594467	166.20	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	431513	177.94	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	436881	170.72	ug/l	96
55) 1,1,2-Trichloroethane	8.407	97	254587	171.20	ug/l	98
56) Ethyl methacrylate	8.343	69	468935	184.10	ug/l	99
57) 1,3-Dichloropropane	8.584	76	440009	169.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	826261	953.01	ug/l	100
59) 2-Hexanone	8.700	43	2648427	1004.97	ug/l	100
60) Dibromochloromethane	8.819	129	310393	178.57	ug/l	100
61) 1,2-Dibromoethane	8.931	107	290842	171.17	ug/l	98
64) Tetrachloroethene	8.558	164	209220	137.02	ug/l	98
65) Chlorobenzene	9.456	112	649854	157.96	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	264510	168.64	ug/l	99
67) Ethyl Benzene	9.578	91	1216256	163.66	ug/l	99
68) m/p-Xylenes	9.700	106	896427	324.95	ug/l	100
69) o-Xylene	10.108	106	438126	162.51	ug/l	100
70) Styrene	10.121	104	787989	174.56	ug/l	98
71) Bromoform	10.301	173	294668	194.18	ug/l #	98
73) Isopropylbenzene	10.491	105	1223949	151.40	ug/l	99
74) N-amyl acetate	10.330	43	809092	173.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.793	83	527111	168.54	ug/l	98
76) 1,2,3-Trichloropropane	10.835	75	559528m	181.38	ug/l	
77) Bromobenzene	10.790	156	340491	157.44	ug/l	98
78) n-propylbenzene	10.912	91	1516190	161.29	ug/l	99
79) 2-Chlorotoluene	10.992	91	893412	155.53	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	1109768	158.34	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	201142	179.58	ug/l	98
82) 4-Chlorotoluene	11.105	91	1087816	162.11	ug/l	99
83) tert-Butylbenzene	11.430	119	1106742	163.78	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	1135753	161.87	ug/l	99
85) sec-Butylbenzene	11.652	105	1289844	162.12	ug/l	99
86) p-Isopropyltoluene	11.799	119	1202186	163.47	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	614650	163.01	ug/l	100
88) 1,4-Dichlorobenzene	11.845	146	617941	159.35	ug/l	99
89) n-Butylbenzene	12.217	91	1151087	176.25	ug/l	99
90) Hexachloroethane	12.484	117	230476	176.98	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	599214	156.17	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	150451	174.57	ug/l	96
93) 1,2,4-Trichlorobenzene	13.848	180	424934	179.81	ug/l	98
94) Hexachlorobutadiene	14.031	225	204946	153.98	ug/l	100
95) Naphthalene	14.095	128	1369486	201.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	411452	177.42	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

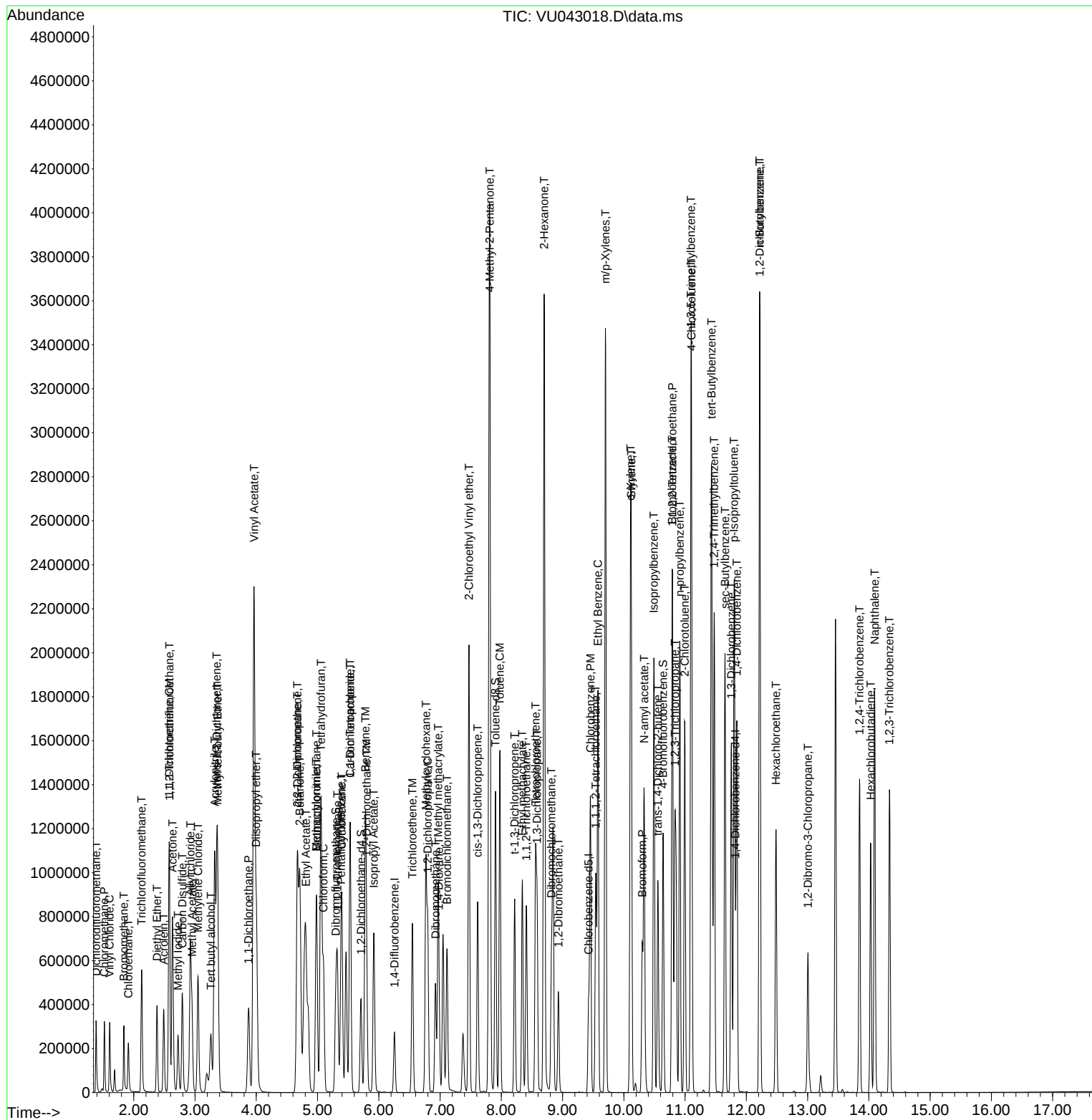
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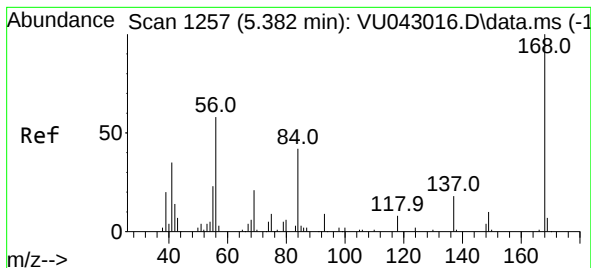
Instrument :
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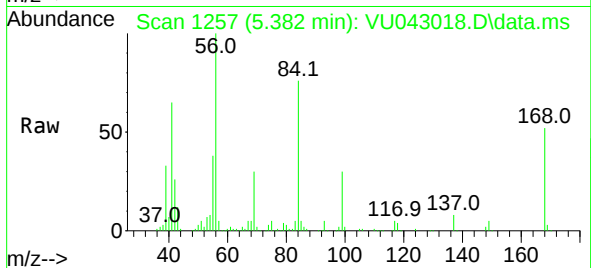
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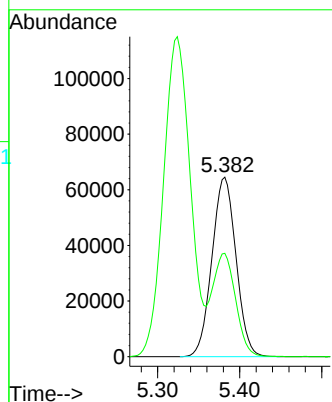
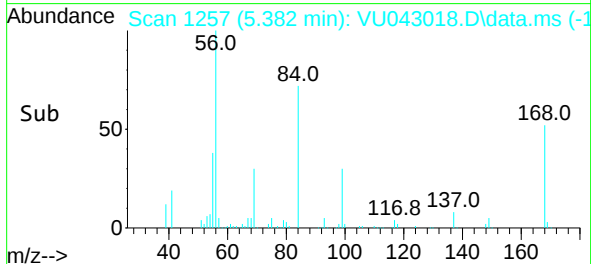




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043018.D
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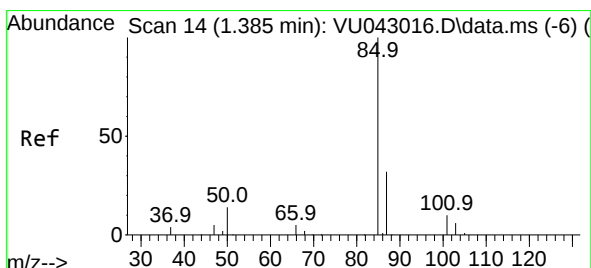
Tgt Ion: 168 Resp: 131704
Ion Ratio Lower Upper
168 100
99 57.4 45.0 67.4



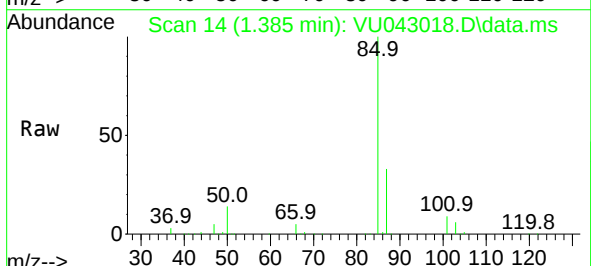
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

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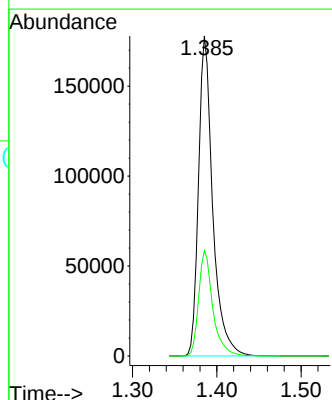
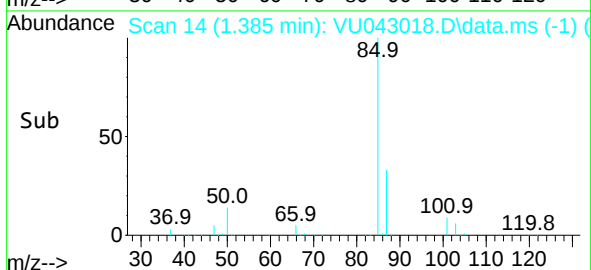
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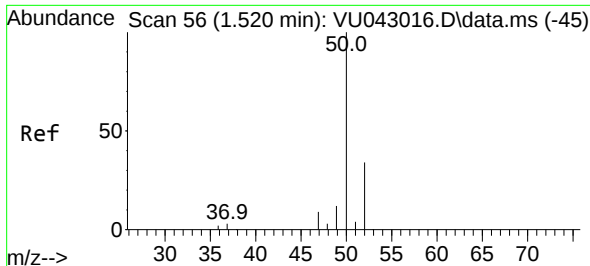


#2
Dichlorodifluoromethane
Concen: 135.75 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



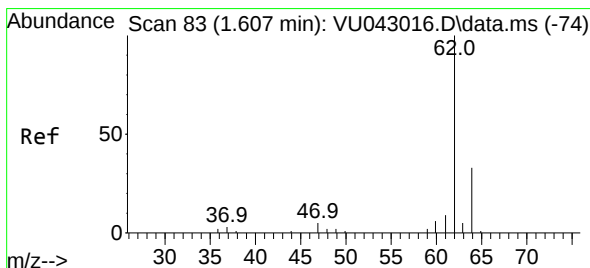
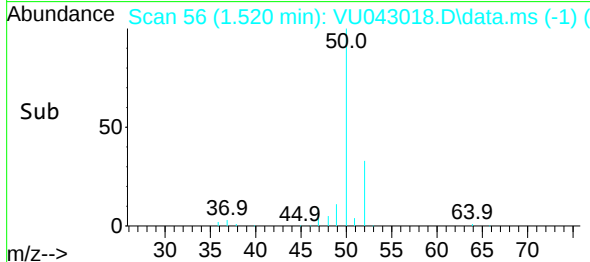
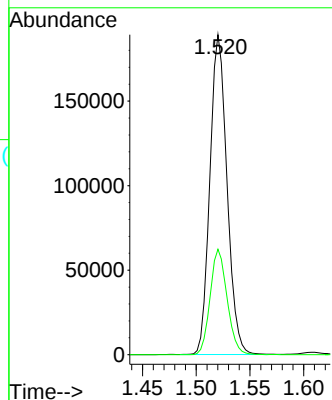
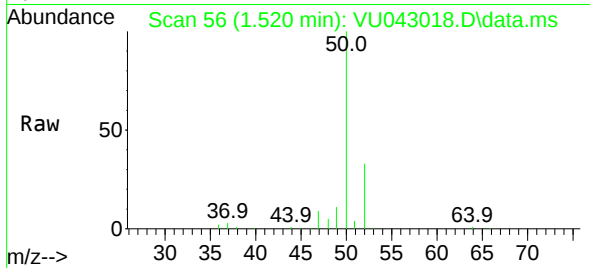
Tgt Ion: 85 Resp: 207876
Ion Ratio Lower Upper
85 100
87 32.9 16.5 49.5





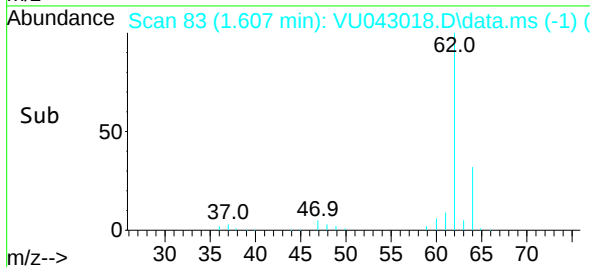
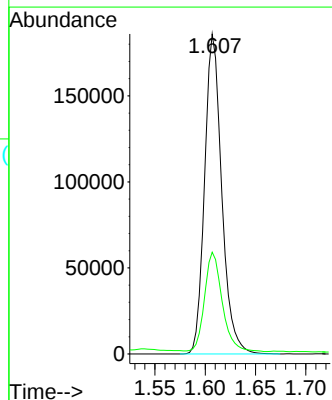
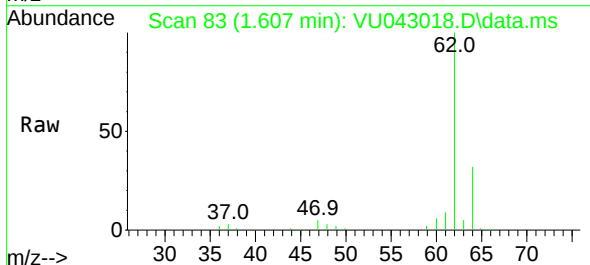
#3
Chloromethane
Concen: 130.92 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 50 Resp: 209000
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 144.43 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

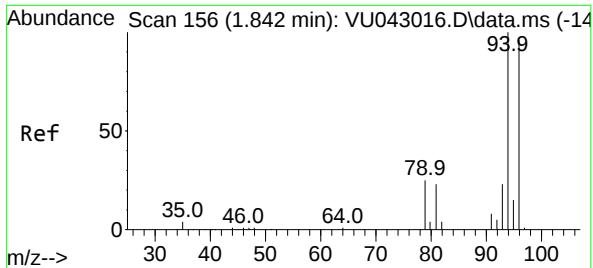
Tgt Ion: 62 Resp: 220246
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8



Instrument :
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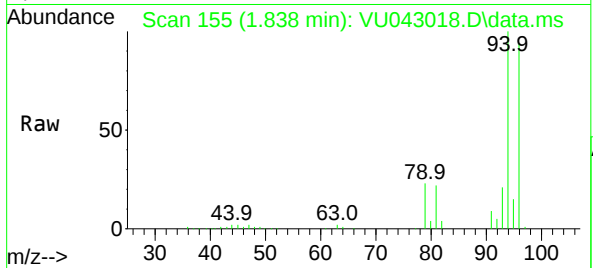
Manual Integrations
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#5
Bromomethane
Concen: 110.52 ug/l
RT: 1.838 min Scan# 155
Delta R.T. -0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

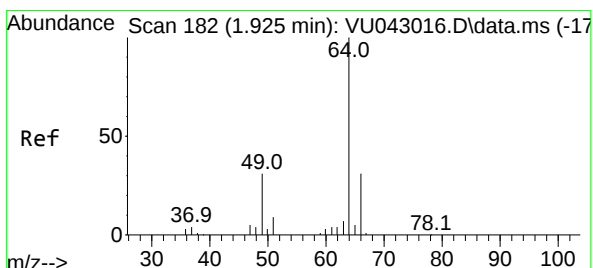
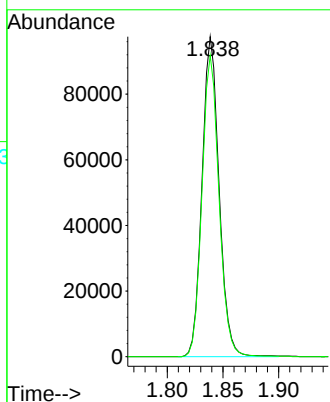
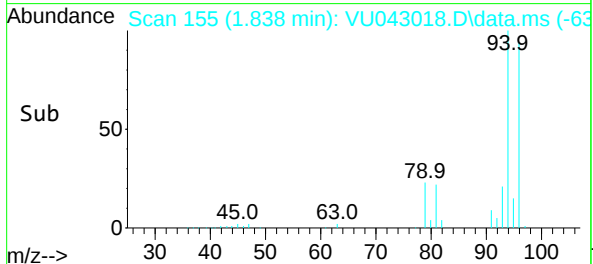
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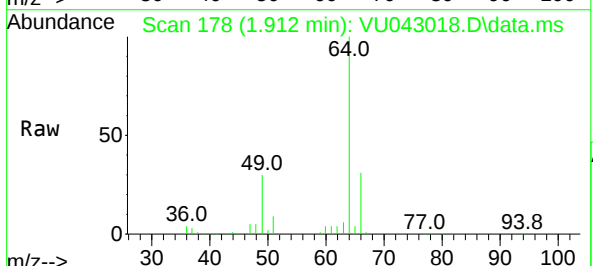
Tgt Ion: 94 Resp: 103722
Ion Ratio Lower Upper
94 100
96 94.1 76.6 115.0

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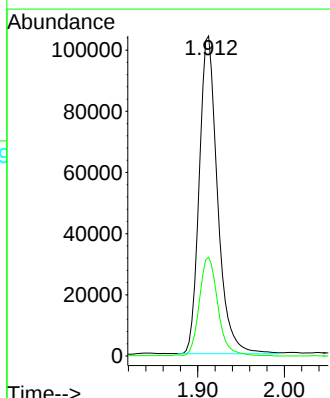
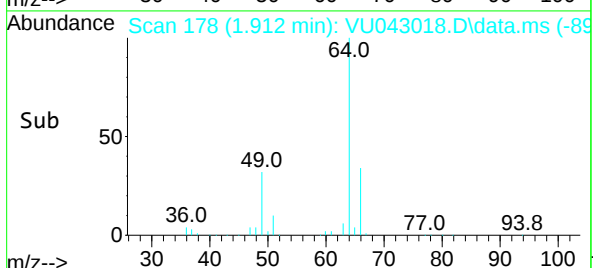
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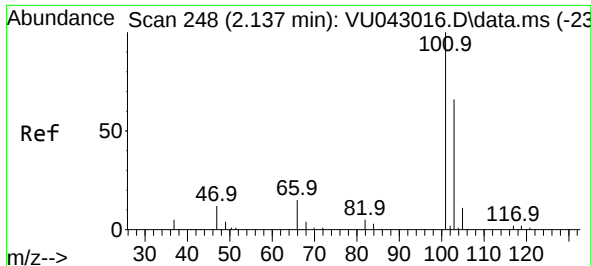


#6
Chloroethane
Concen: 167.46 ug/l
RT: 1.912 min Scan# 178
Delta R.T. -0.013 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

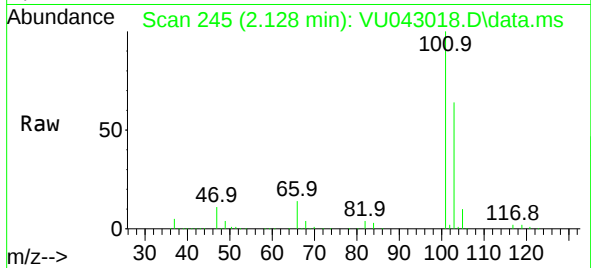


Tgt Ion: 64 Resp: 152587
Ion Ratio Lower Upper
64 100
66 31.1 26.4 39.6

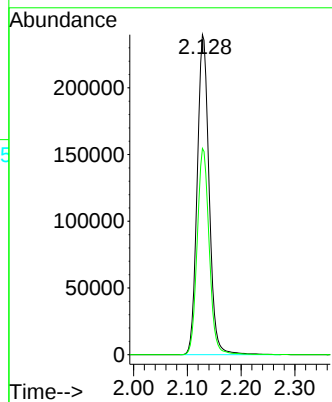
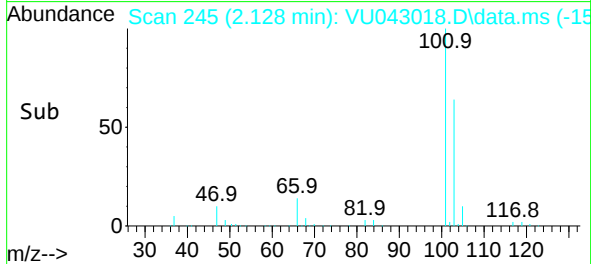




#7
 Trichlorofluoromethane
 Concen: 154.86 ug/l
 RT: 2.128 min Scan# 245
 Delta R.T. -0.010 min
 Lab File: VU043018.D
 Acq: 12 Apr 2021 12:05



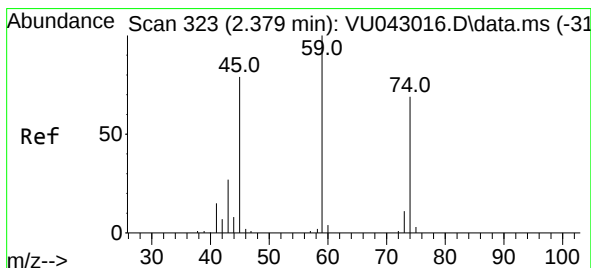
Tgt Ion:101 Resp: 368630
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.3 76.9



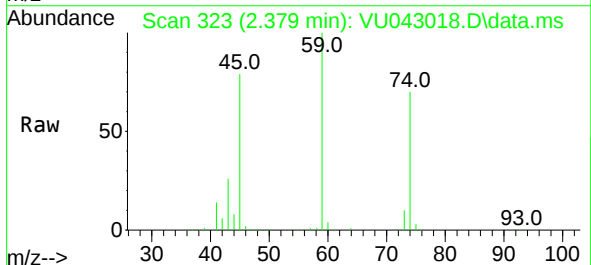
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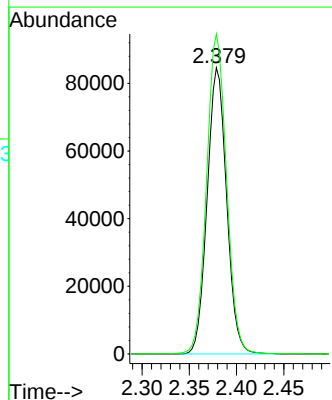
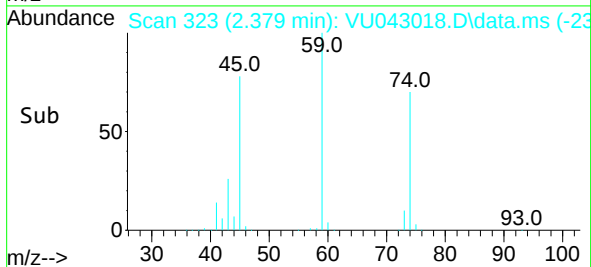
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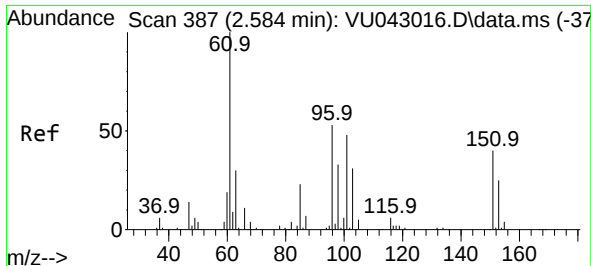


#8
 Diethyl Ether
 Concen: 158.84 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU043018.D
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Tgt Ion: 74 Resp: 121098
 Ion Ratio Lower Upper
 74 100
 45 115.0 56.9 170.6





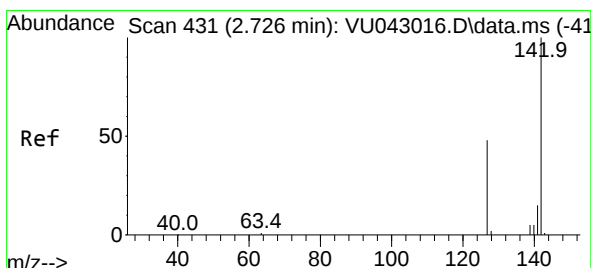
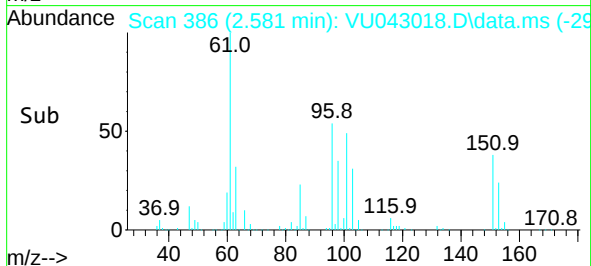
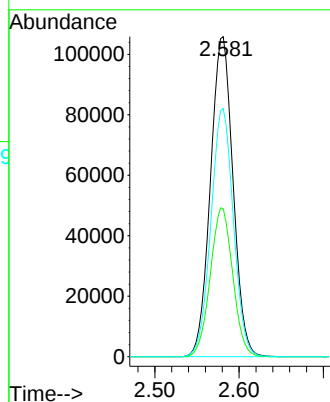
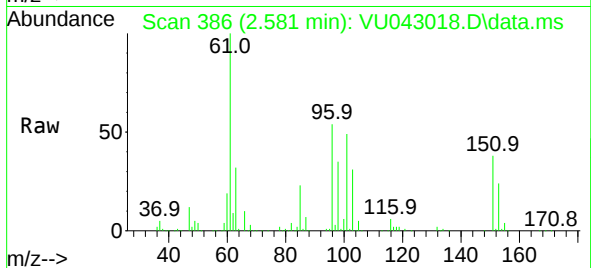
#9
1,1,2-Trichlorotrifluoroethane
Concen: 158.21 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion:101 Resp: 196942
Ion Ratio Lower Upper
101 100
85 46.3 37.4 56.0
151 77.4 65.8 98.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

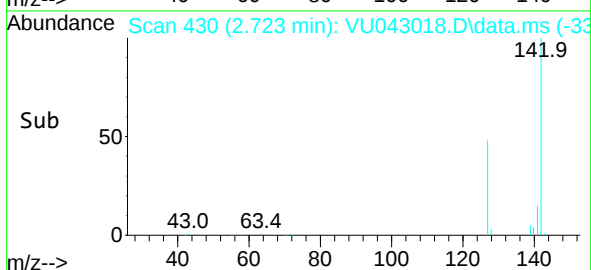
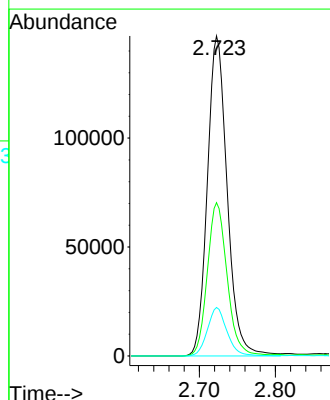
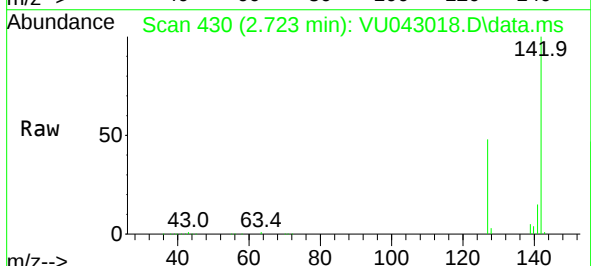
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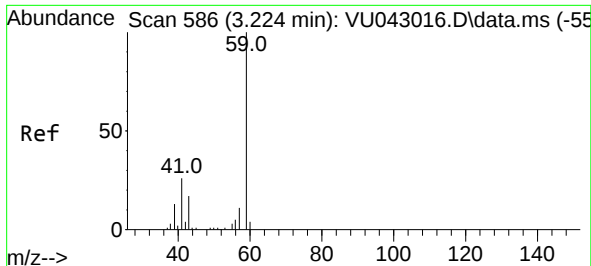
MMDadoda
4/13/2021 5:47:12 PM



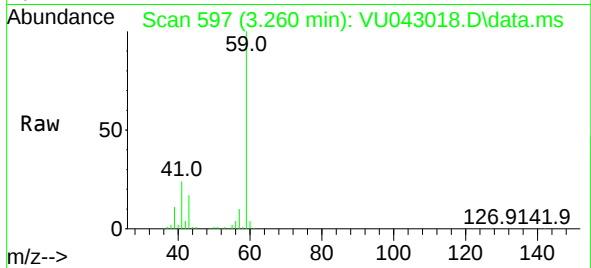
#10
Methyl Iodide
Concen: 151.18 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion:142 Resp: 265855
Ion Ratio Lower Upper
142 100
127 47.8 37.8 56.6
141 14.9 11.8 17.6

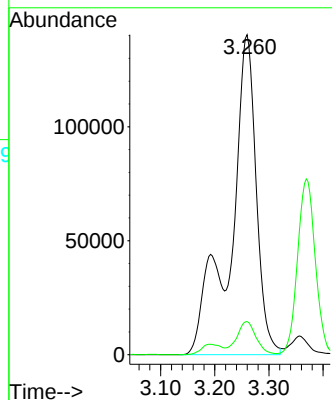




#11
Tert butyl alcohol
Concen: 1025.30 ug/l m
RT: 3.260 min Scan# 597
Delta R.T. 0.035 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



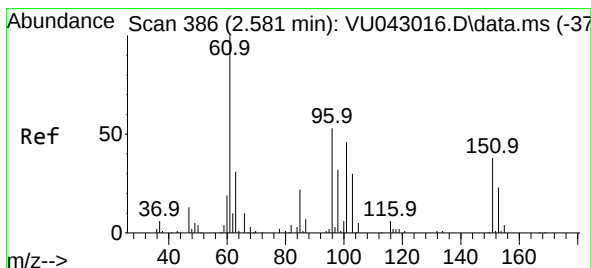
Tgt Ion: 59 Resp: 465479
Ion Ratio Lower Upper
59 100
57 2.5 1.6 2.4#



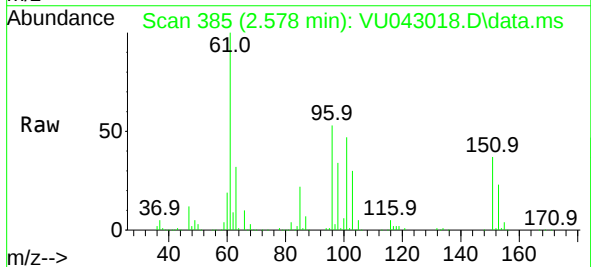
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

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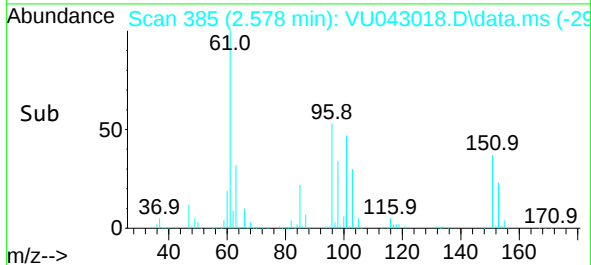
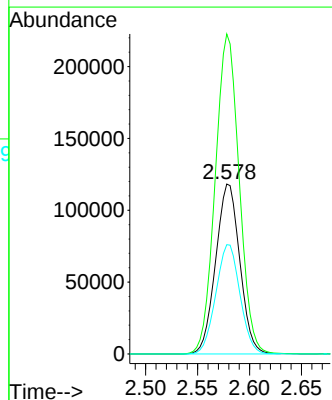
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4/13/2021 5:47:12 PM

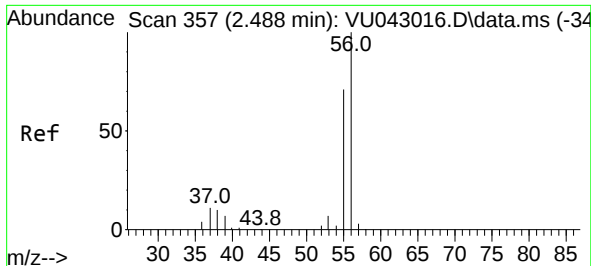


#12
1,1-Dichloroethene
Concen: 157.83 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



Tgt Ion: 96 Resp: 190998
Ion Ratio Lower Upper
96 100
61 188.3 147.4 221.0
98 64.4 51.4 77.2





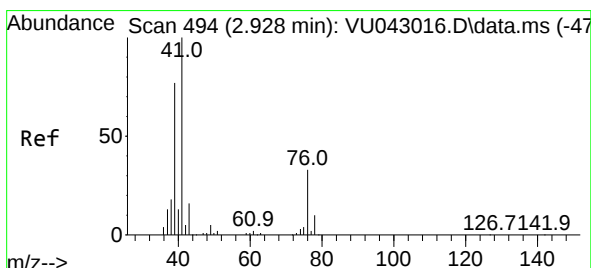
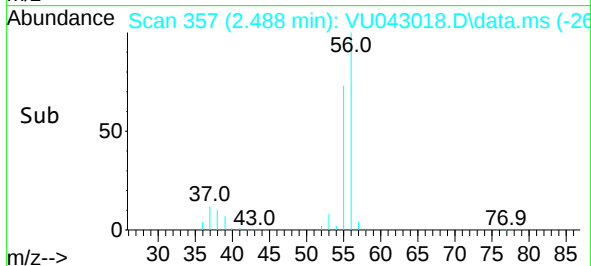
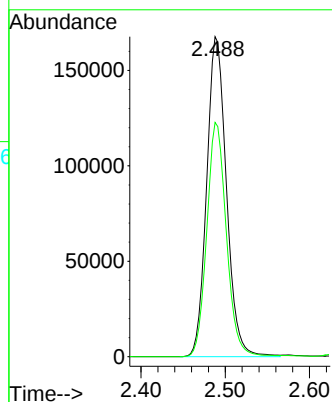
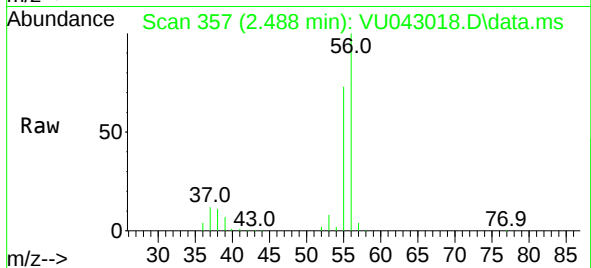
#13
Acrolein
Concen: 971.07 ug/l
RT: 2.488 min Scan# 357
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 56 Resp: 273979
Ion Ratio Lower Upper
56 100
55 72.8 57.3 85.9

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

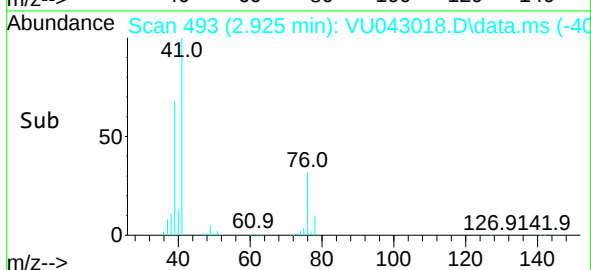
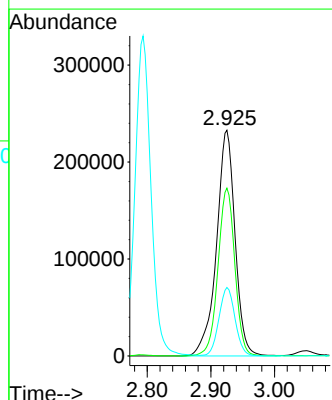
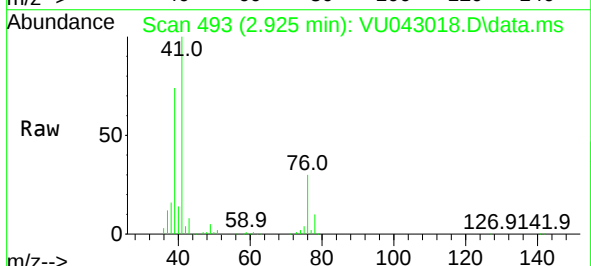
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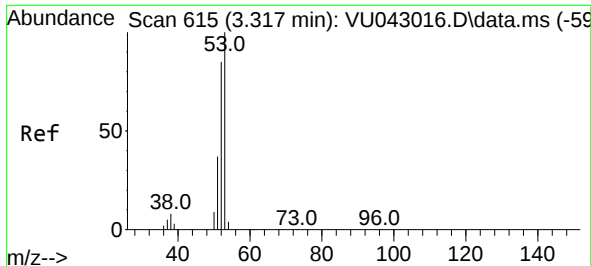
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#14
Allyl chloride
Concen: 175.34 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

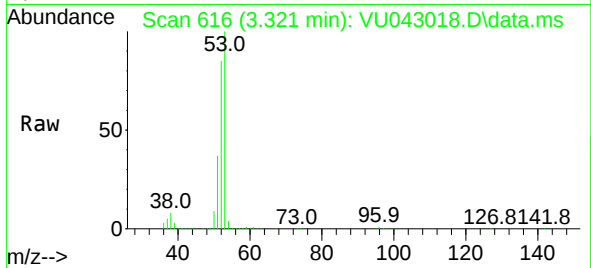
Tgt Ion: 41 Resp: 473018
Ion Ratio Lower Upper
41 100
39 67.4 54.9 82.3
76 26.2 22.5 33.7





#15
Acrylonitrile
Concen: 905.53 ug/l
RT: 3.321 min Scan# 616
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

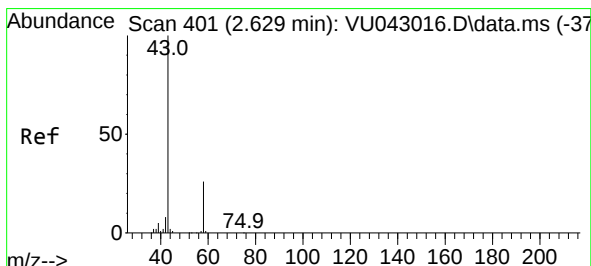
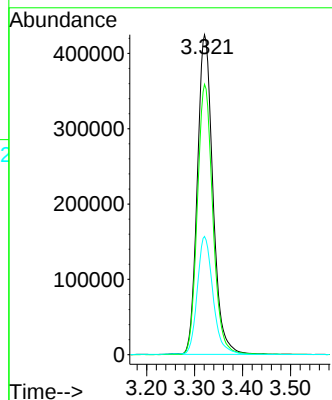
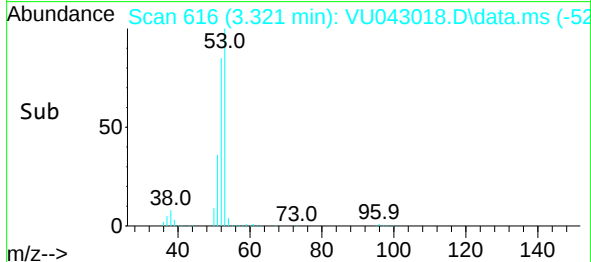
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



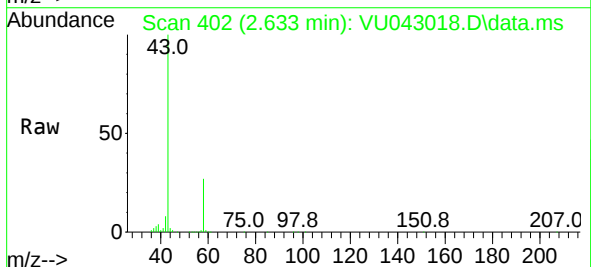
Tgt Ion: 53 Resp: 954421
Ion Ratio Lower Upper
53 100
52 84.2 68.2 102.2
51 37.2 29.2 43.8

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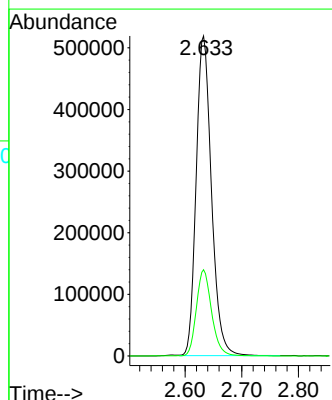
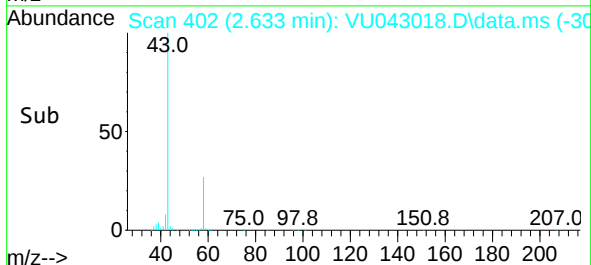
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4/13/2021 5:47:12 PM

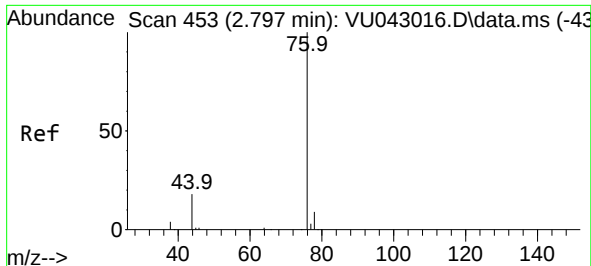


#16
Acetone
Concen: 771.36 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



Tgt Ion: 43 Resp: 969756
Ion Ratio Lower Upper
43 100
58 27.0 21.5 32.3





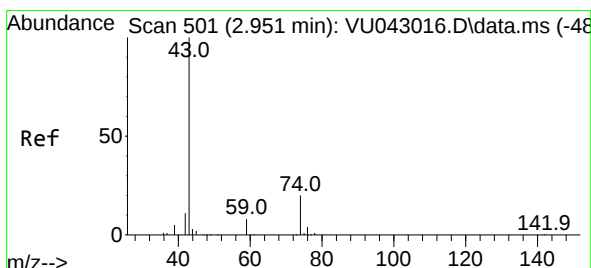
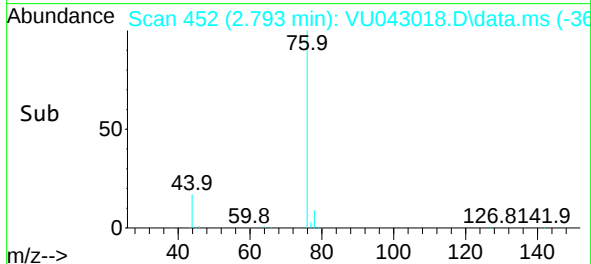
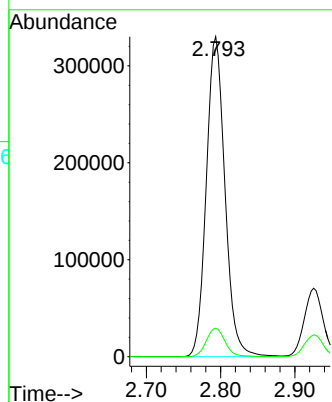
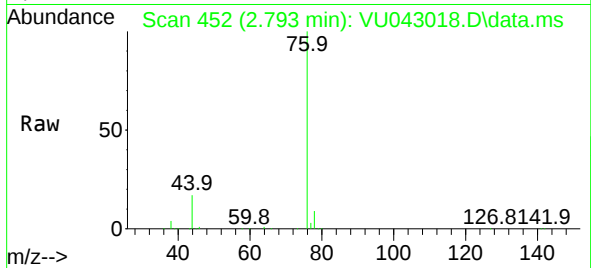
#17
Carbon Disulfide
Concen: 157.70 ug/l
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 76 Resp: 574047
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

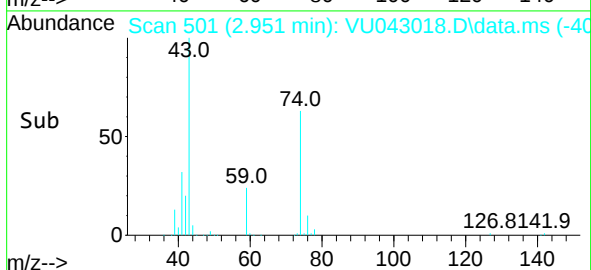
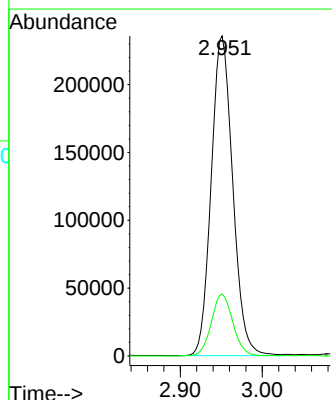
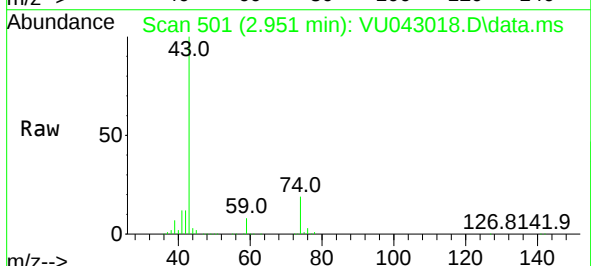
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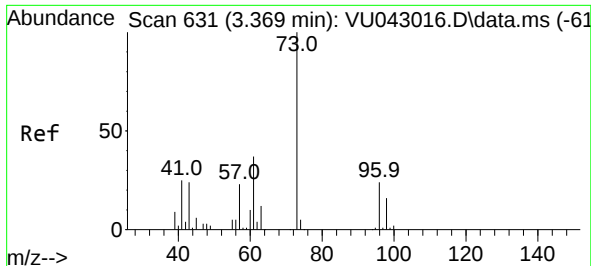
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#18
Methyl Acetate
Concen: 185.97 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 43 Resp: 430360
Ion Ratio Lower Upper
43 100
74 19.4 16.6 25.0





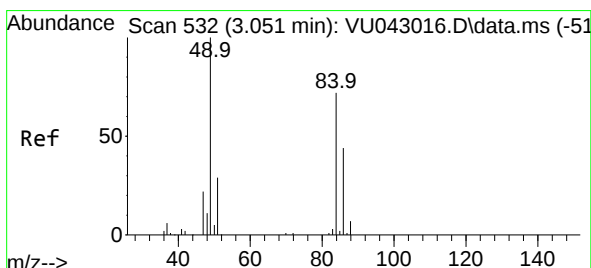
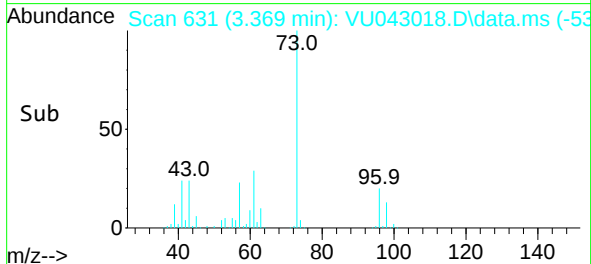
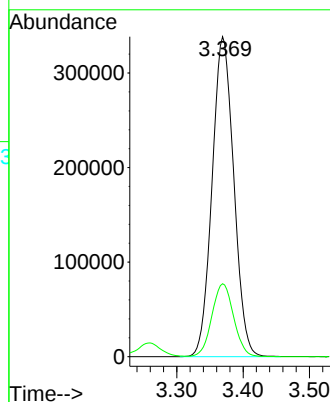
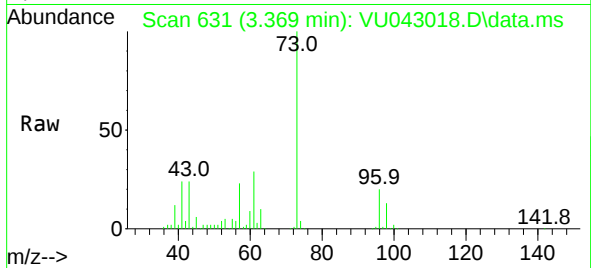
#19
Methyl tert-butyl Ether
Concen: 166.10 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 73 Resp: 767752
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

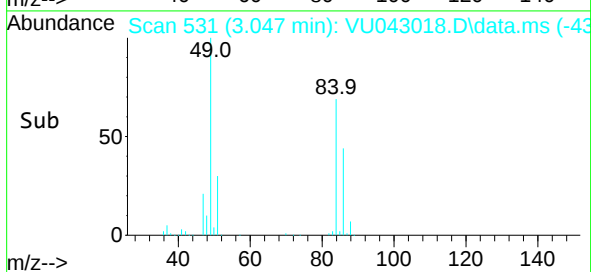
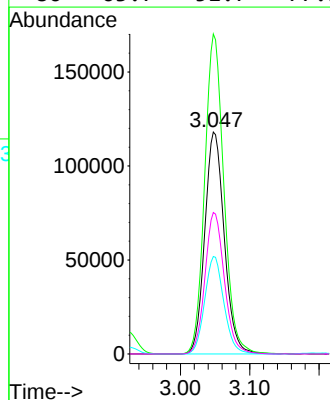
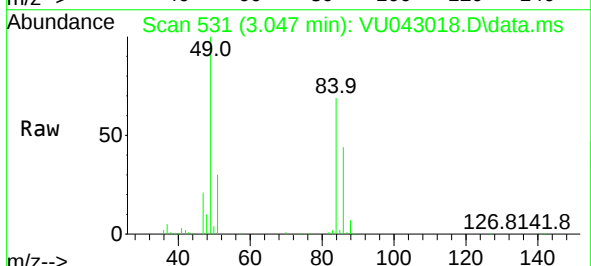
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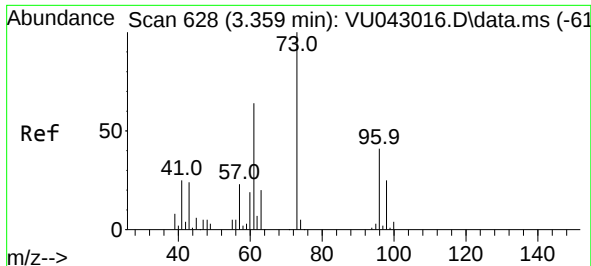
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#20
Methylene Chloride
Concen: 160.38 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

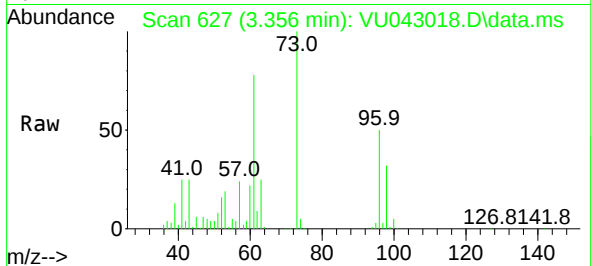
Tgt Ion: 84 Resp: 230808
Ion Ratio Lower Upper
84 100
49 144.2 112.6 169.0
51 43.9 33.7 50.5
86 63.7 51.7 77.5





#21
trans-1,2-Dichloroethene
Concen: 169.00 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

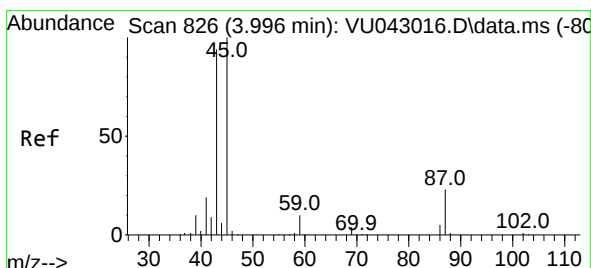
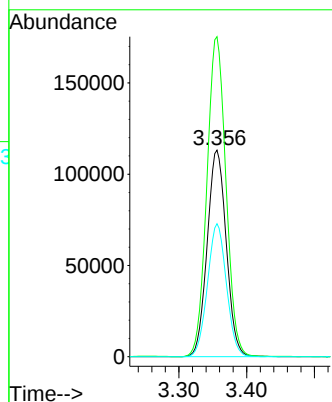
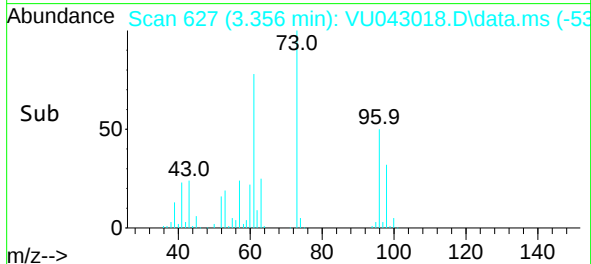
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



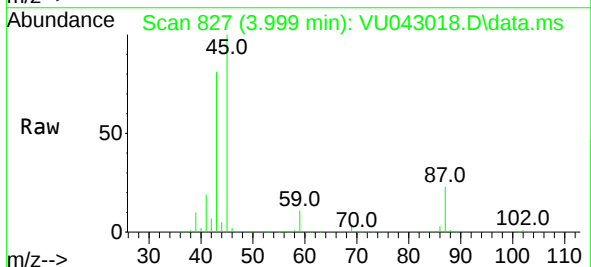
Tgt Ion: 96 Resp: 221050
Ion Ratio Lower Upper
96 100
61 155.0 122.4 183.6
98 64.4 51.9 77.9

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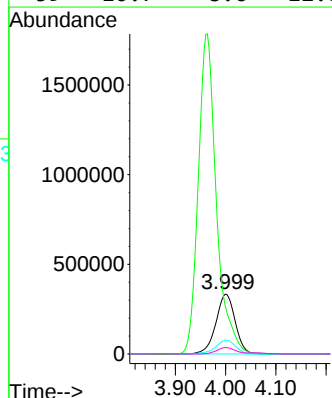
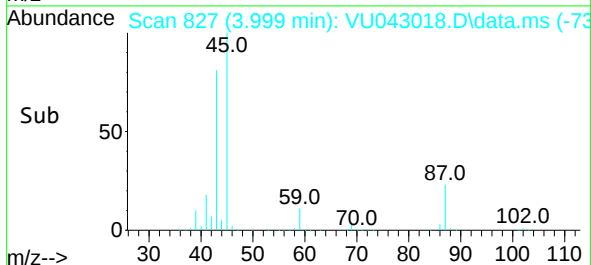
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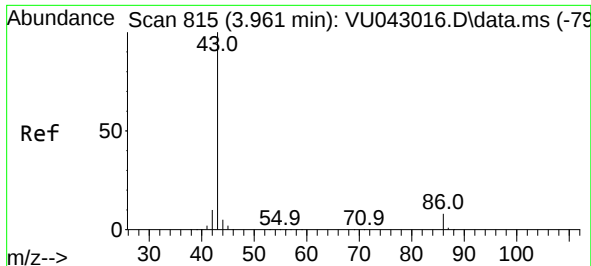


#22
Diisopropyl ether
Concen: 171.19 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



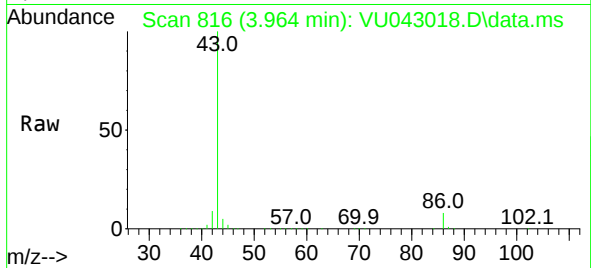
Tgt Ion: 45 Resp: 886181
Ion Ratio Lower Upper
45 100
43 80.7 73.0 109.6
87 23.0 19.5 29.3
59 10.7 8.6 12.8





#23
 Vinyl Acetate
 Concen: 906.09 ug/l
 RT: 3.964 min Scan# 816
 Delta R.T. 0.003 min
 Lab File: VU043018.D
 Acq: 12 Apr 2021 12:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

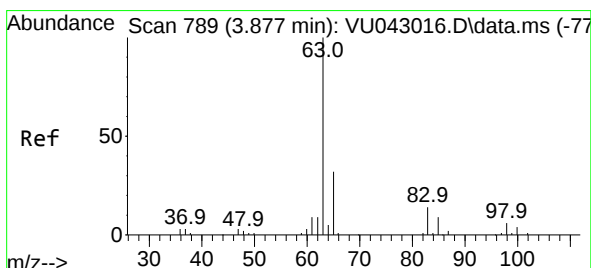
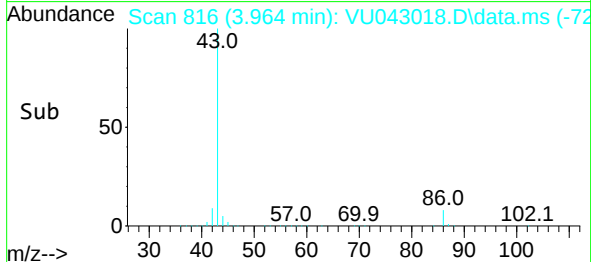
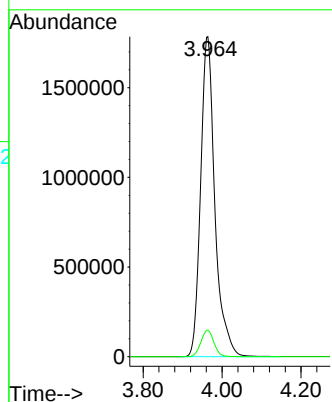


Tgt Ion: 43 Resp: 4468854

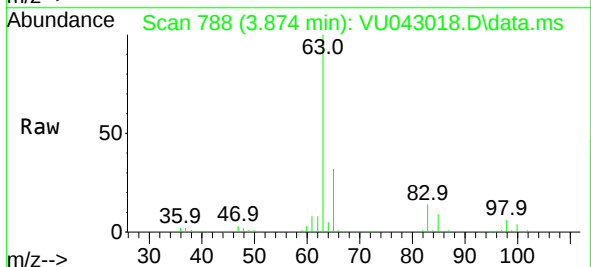
Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.7	10.1

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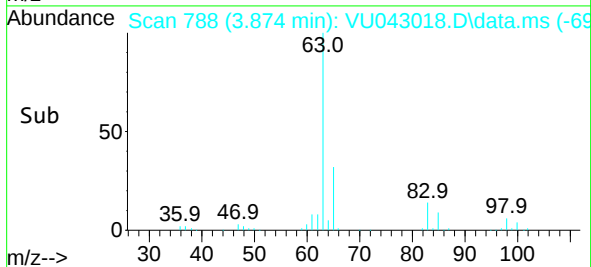
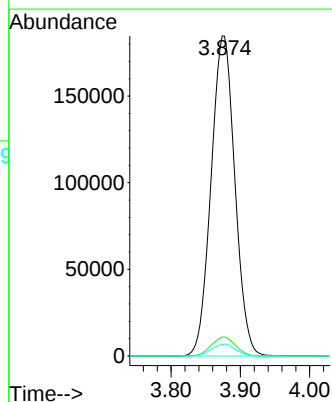


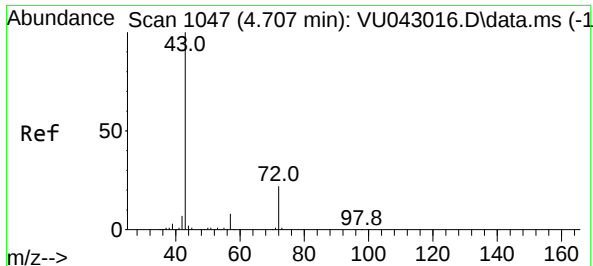
#24
 1,1-Dichloroethane
 Concen: 165.17 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.003 min
 Lab File: VU043018.D
 Acq: 12 Apr 2021 12:05



Tgt Ion: 63 Resp: 440419

Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.1	9.3
100	3.6	2.1	6.2





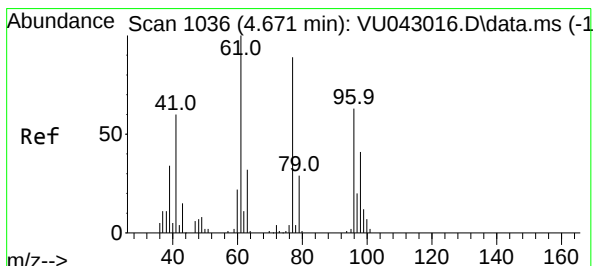
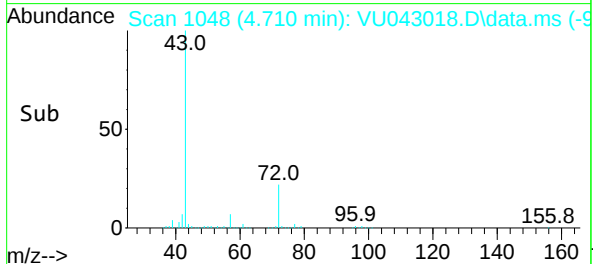
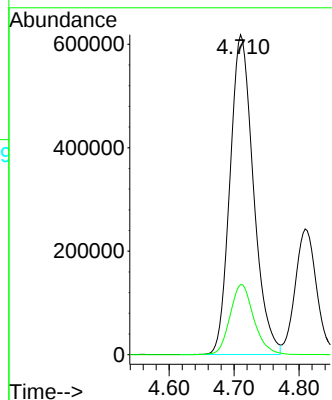
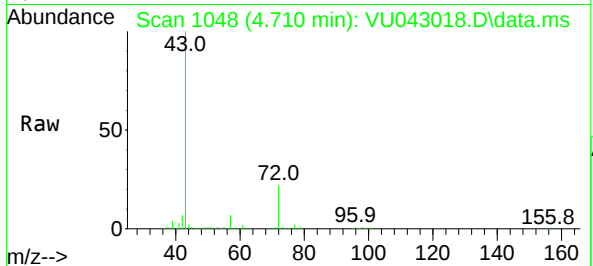
#25
2-Butanone
Concen: 911.89 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 43 Resp: 1550377
Ion Ratio Lower Upper
43 100
72 21.9 17.4 26.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

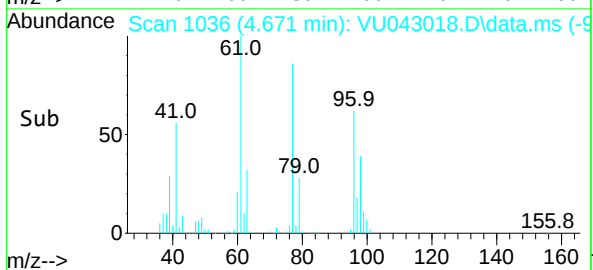
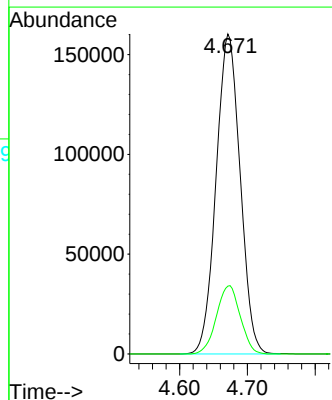
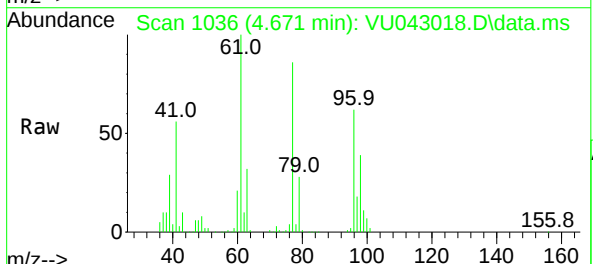
Manual Integrations
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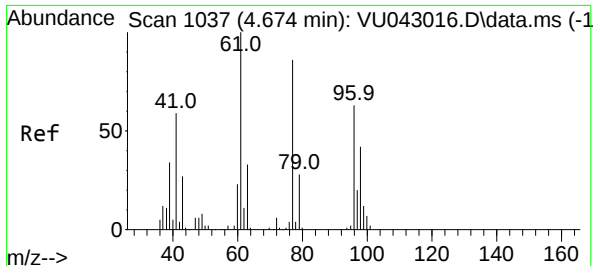
MMDadoda
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#26
2,2-Dichloropropane
Concen: 163.44 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 77 Resp: 394648
Ion Ratio Lower Upper
77 100
97 21.1 10.6 31.8





#27

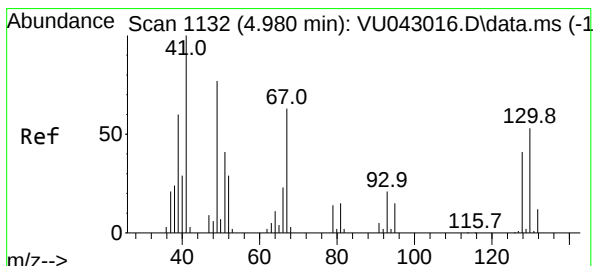
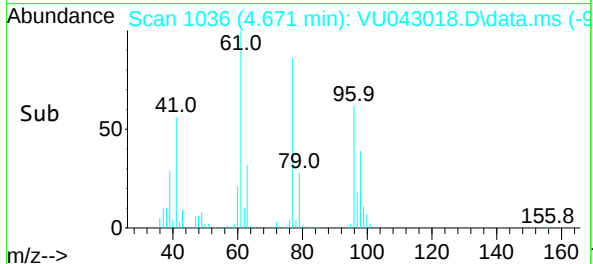
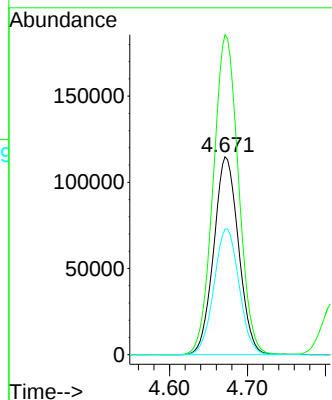
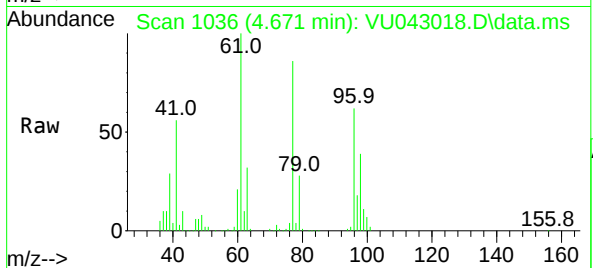
cis-1,2-Dichloroethene
Concen: 167.19 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 96 Resp: 253659
Ion Ratio Lower Upper
96 100
61 164.5 0.0 322.2
98 64.6 0.0 128.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Manual Integrations
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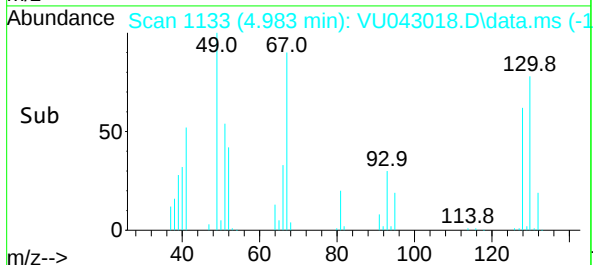
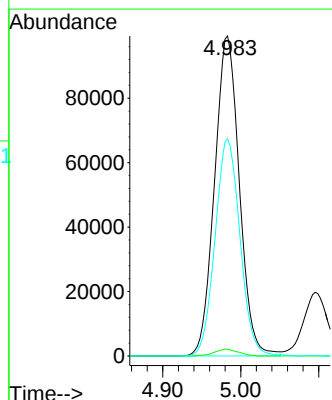
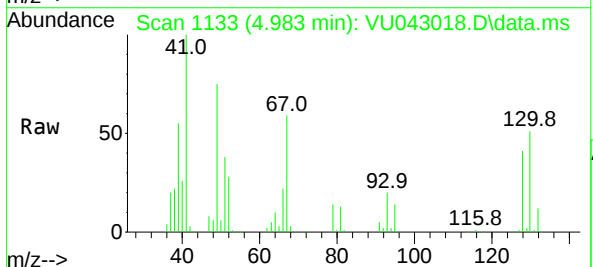
MMDadoda
4/13/2021 5:47:12 PM

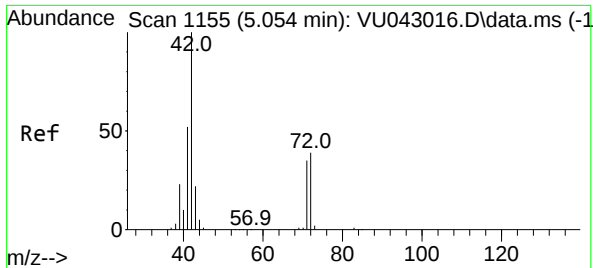


#28

Bromochloromethane
Concen: 161.76 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 49 Resp: 219708
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.4
130 68.2 57.1 85.7





#29

Tetrahydrofuran

Concen: 919.28 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.003 min

Lab File: VU043018.D

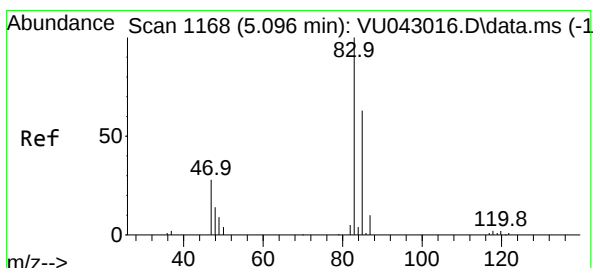
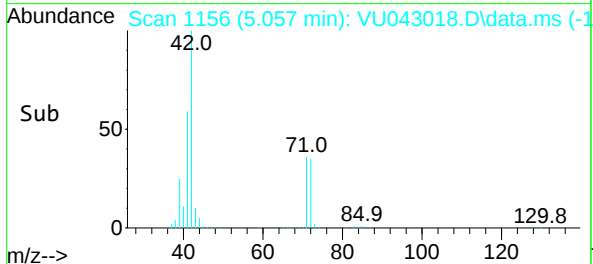
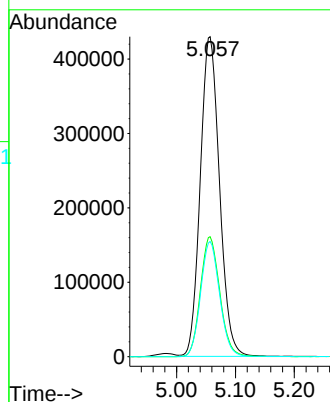
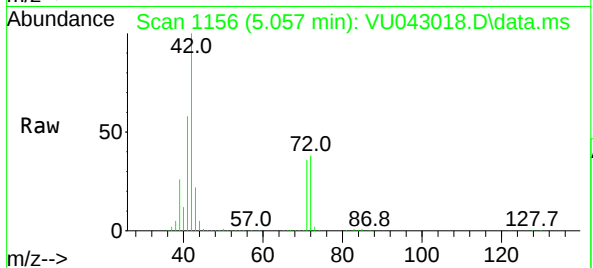
Acq: 12 Apr 2021 12:05

Tgt Ion:	42	Resp:	973859
Ion	Ratio	Lower	Upper
42	100		
72	37.9	31.5	47.3
71	35.6	29.5	44.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Manual Integrations
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#30

Chloroform

Concen: 164.32 ug/l

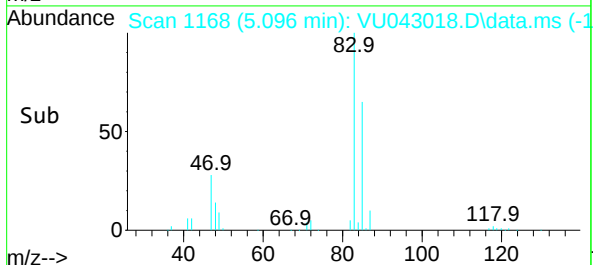
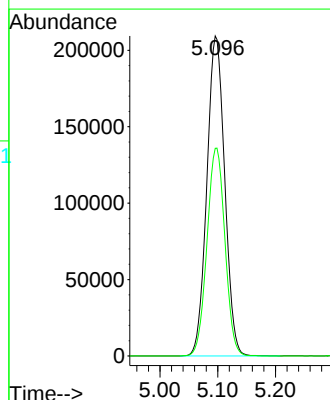
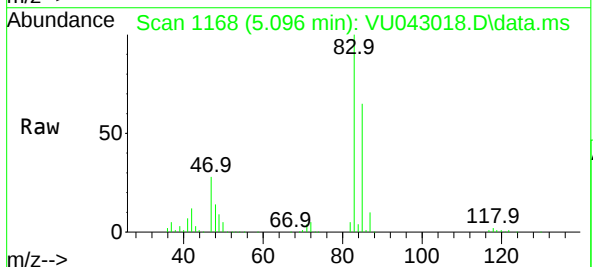
RT: 5.096 min Scan# 1168

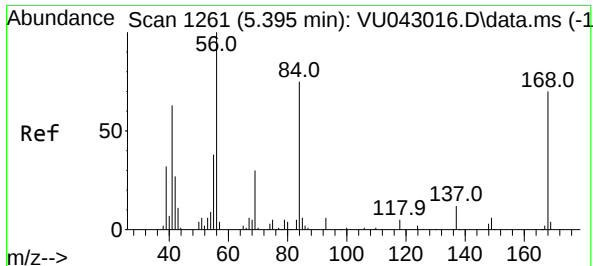
Delta R.T. 0.000 min

Lab File: VU043018.D

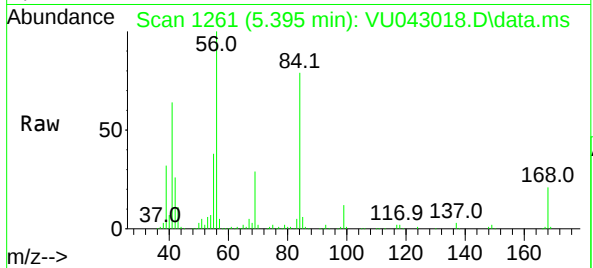
Acq: 12 Apr 2021 12:05

Tgt Ion:	83	Resp:	449216
Ion	Ratio	Lower	Upper
83	100		
85	64.9	54.6	81.8

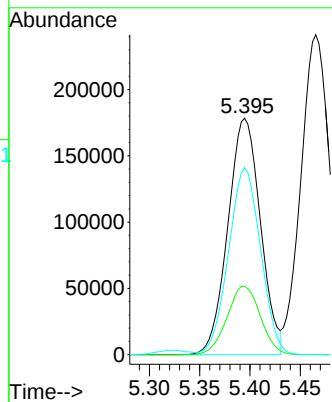
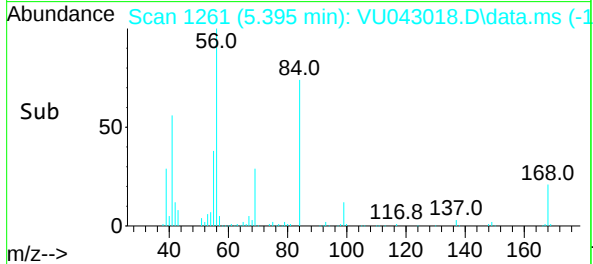




#31
Cyclohexane
Concen: 152.83 ug/l
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



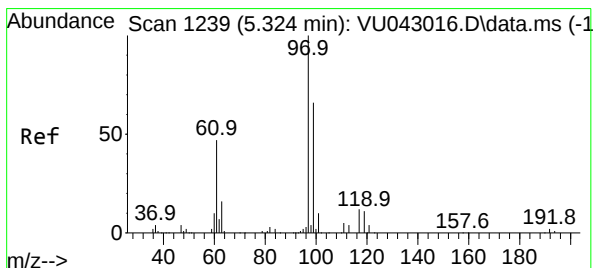
Tgt Ion: 56 Resp: 401929
Ion Ratio Lower Upper
56 100
69 29.0 24.9 37.3
84 77.4 63.7 95.5



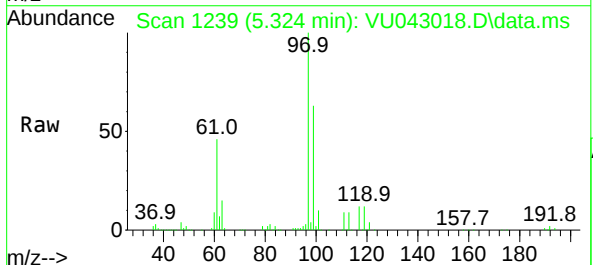
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

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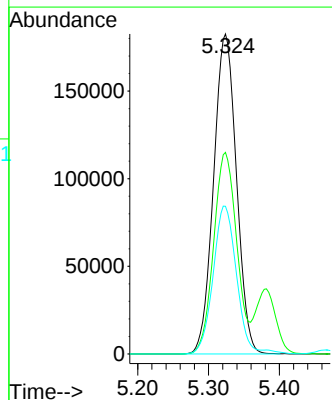
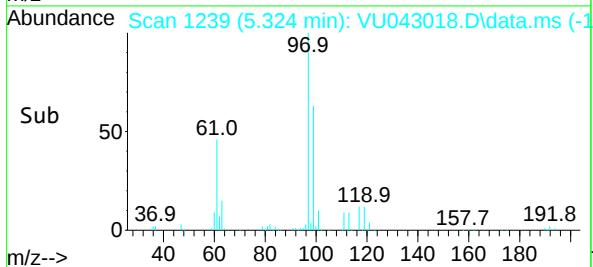
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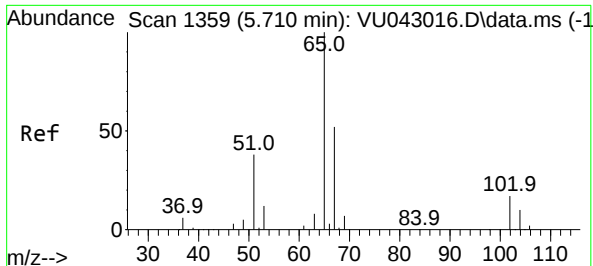


#32
1,1,1-Trichloroethane
Concen: 164.96 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



Tgt Ion: 97 Resp: 408989
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 46.8 37.4 56.2





#33

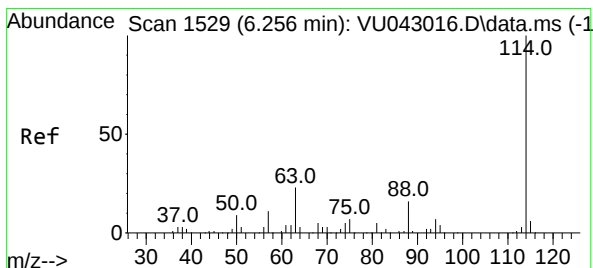
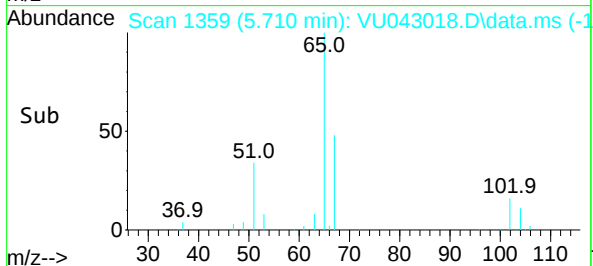
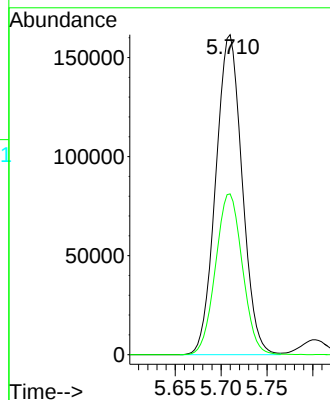
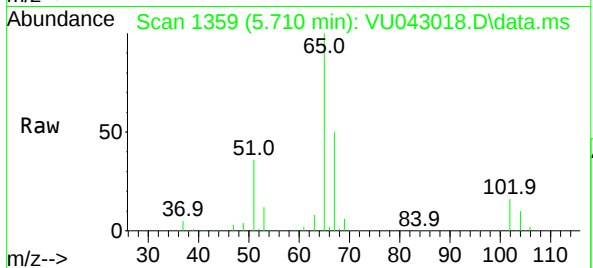
1,2-Dichloroethane-d4
Concen: 162.41 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 65 Resp: 323518
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Manual Integrations
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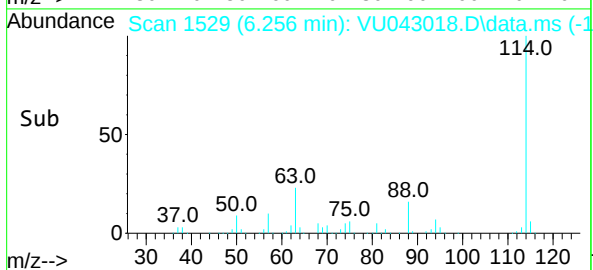
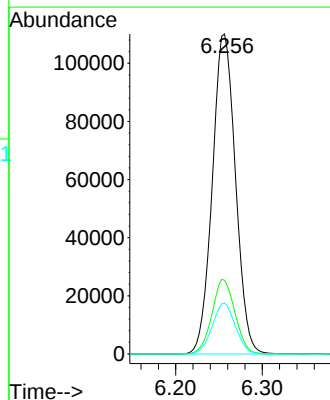
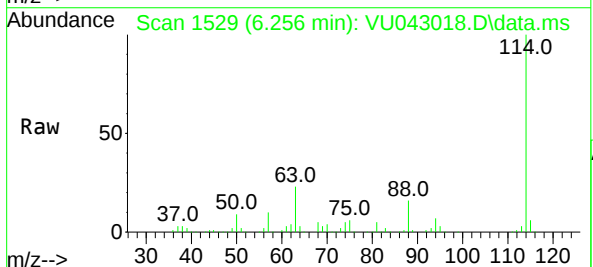
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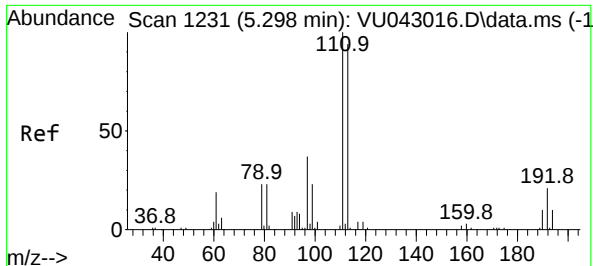


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 114 Resp: 204753
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.2
88 16.0 0.0 33.4





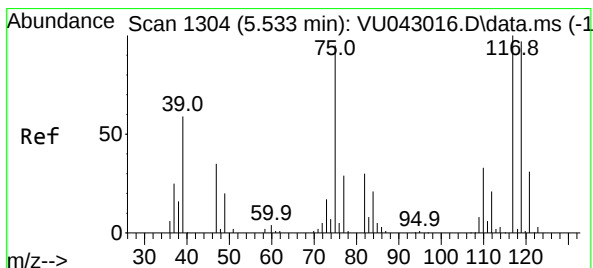
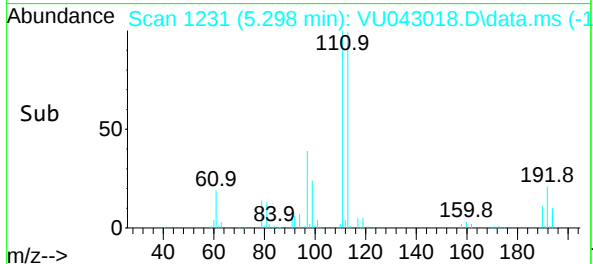
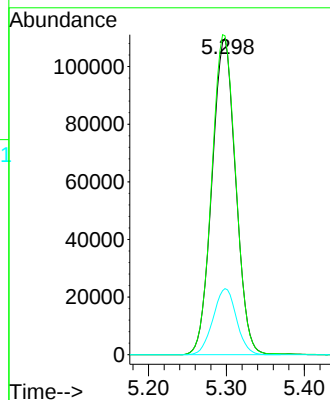
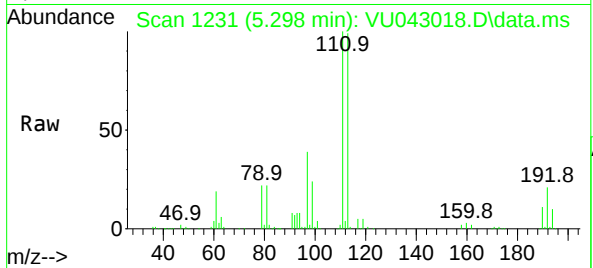
#35
Dibromofluoromethane
Concen: 160.57 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 113 Resp: 231596
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 20.6 17.2 25.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

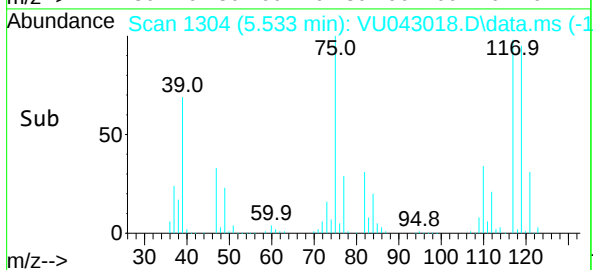
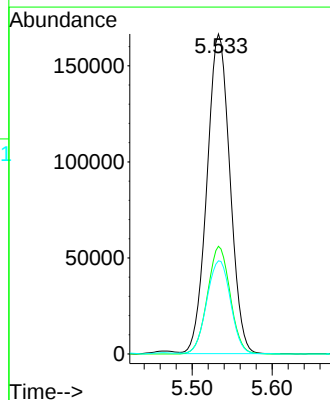
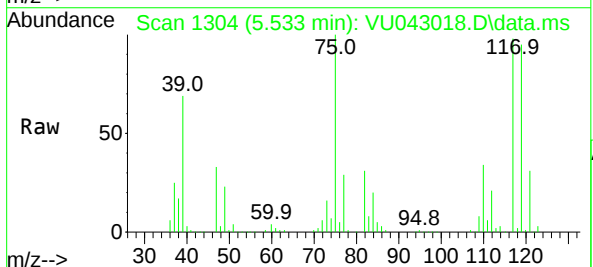
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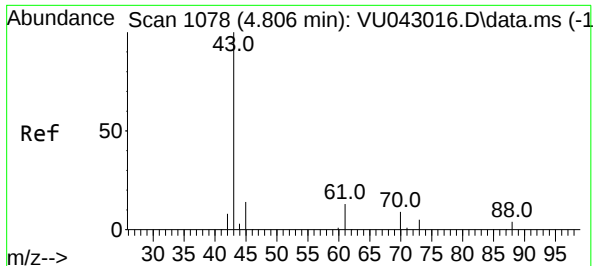
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#36
1,1-Dichloropropene
Concen: 161.62 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

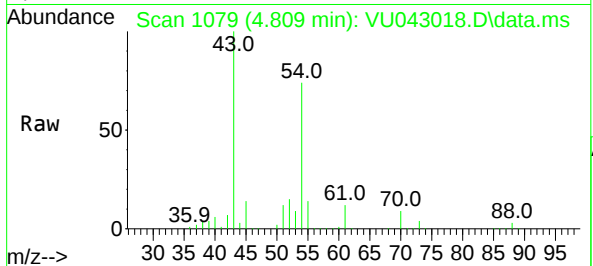
Tgt Ion: 75 Resp: 331961
Ion Ratio Lower Upper
75 100
110 33.4 16.8 50.3
77 30.4 24.8 37.2





#37
Ethyl Acetate
Concen: 172.27 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

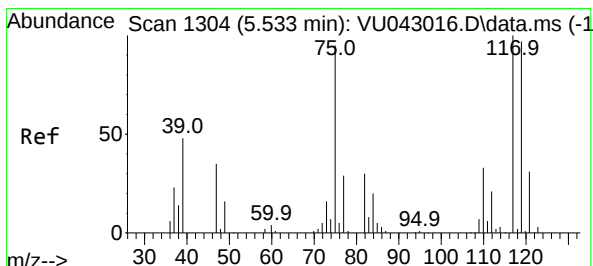
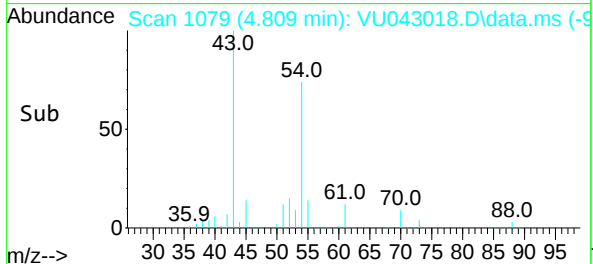
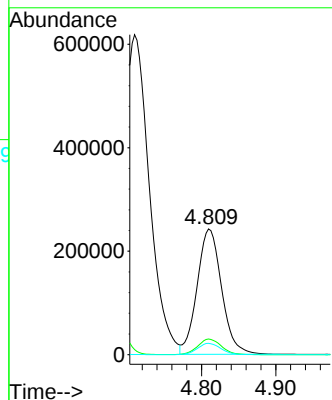
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.0	10.1	15.1
70	8.6	7.2	10.8

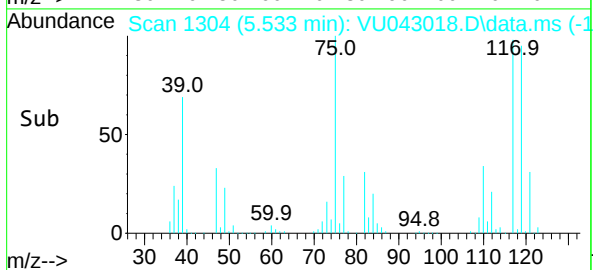
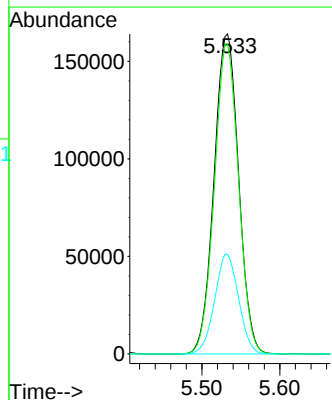
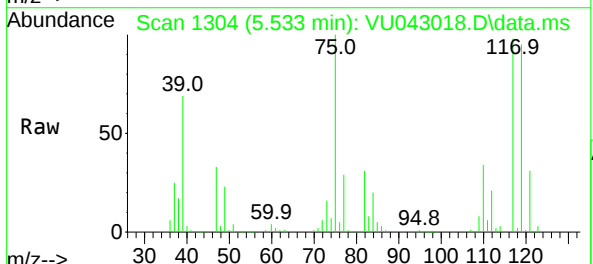
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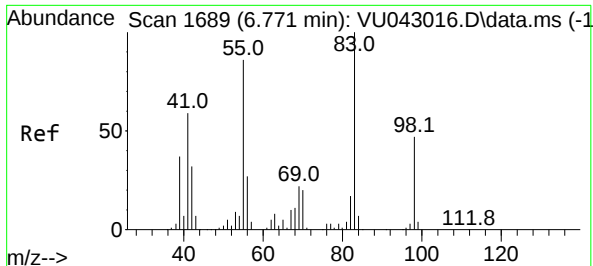
MMDadoda
4/13/2021 5:47:12 PM



#38
Carbon Tetrachloride
Concen: 163.79 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.5	113.3
121	31.1	24.7	37.1





#39

Methylcyclohexane

Concen: 160.10 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU043018.D

Acq: 12 Apr 2021 12:05

Tgt Ion: 83 Resp: 377740

Ion Ratio Lower Upper

83 100

55 86.0 66.8 100.2

98 46.2 36.9 55.3

Instrument :

MSVOA_U

ClientSampleId :

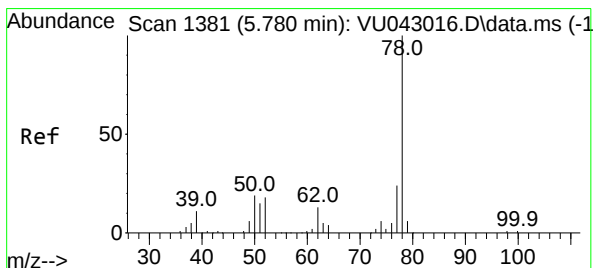
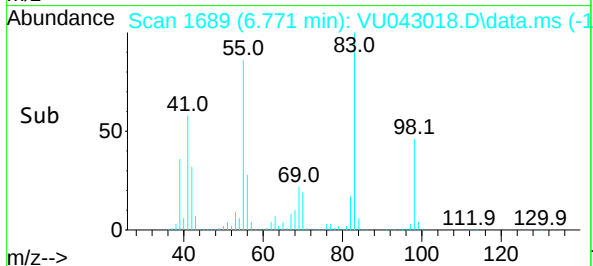
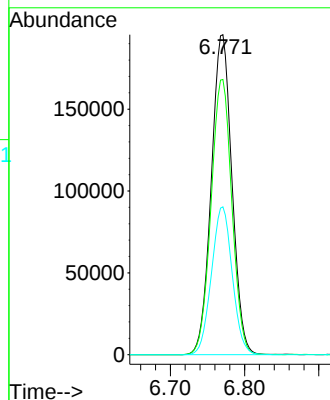
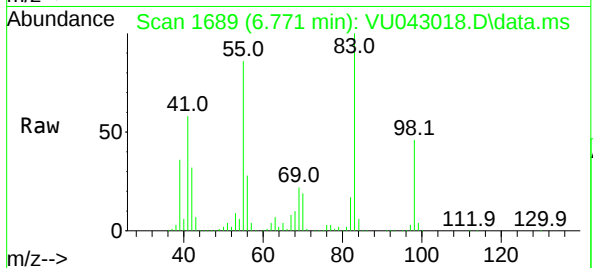
VSTDIC150

Manual Integrations

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#40

Benzene

Concen: 161.98 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VU043018.D

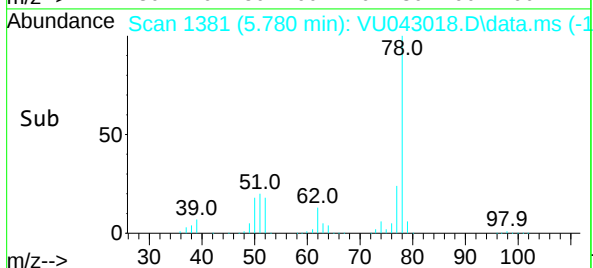
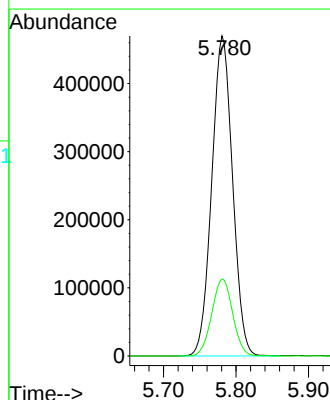
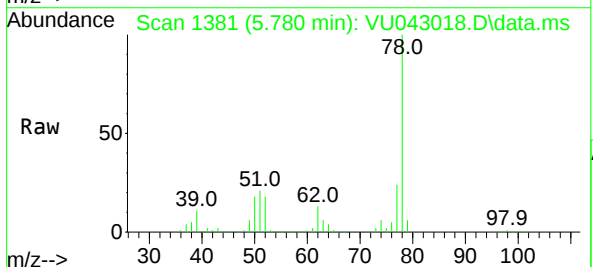
Acq: 12 Apr 2021 12:05

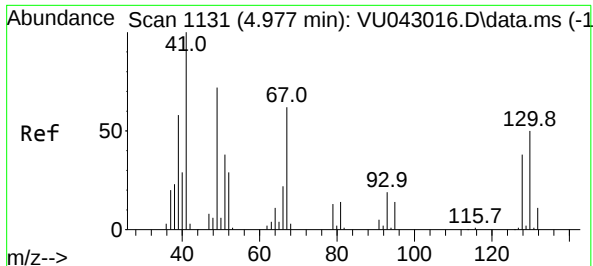
Tgt Ion: 78 Resp: 935752

Ion Ratio Lower Upper

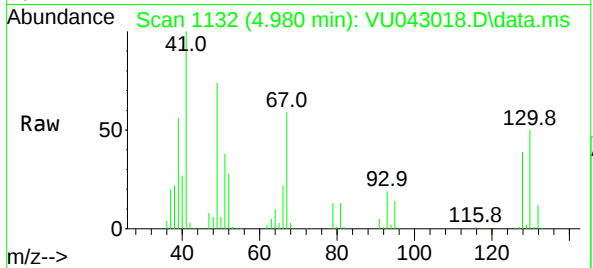
78 100

77 24.1 19.3 28.9

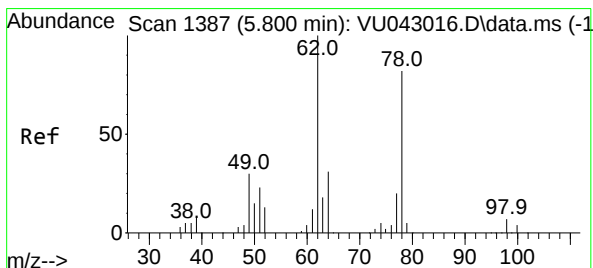
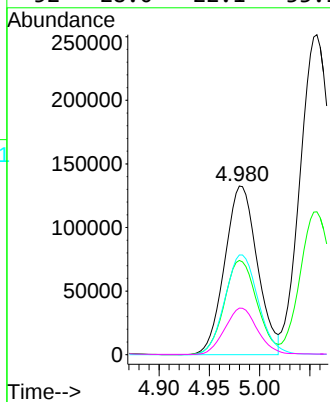
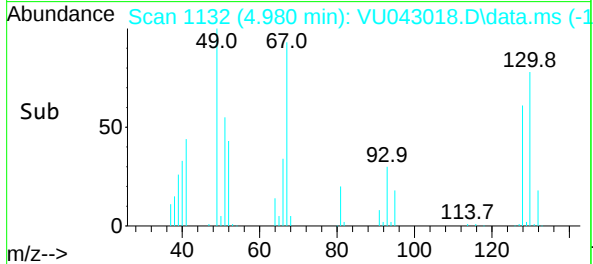




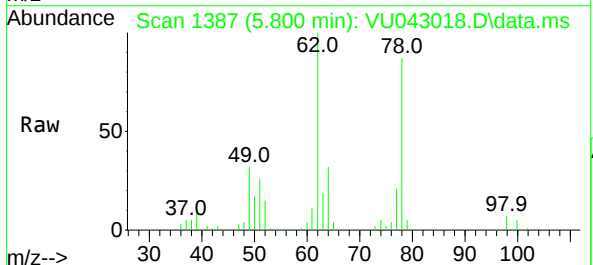
#41
Methacrylonitrile
Concen: 179.60 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



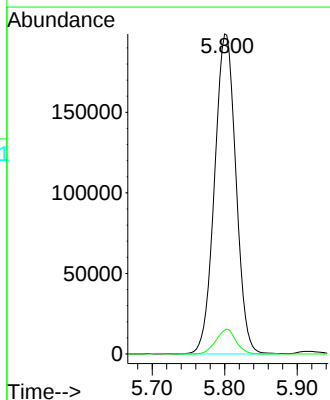
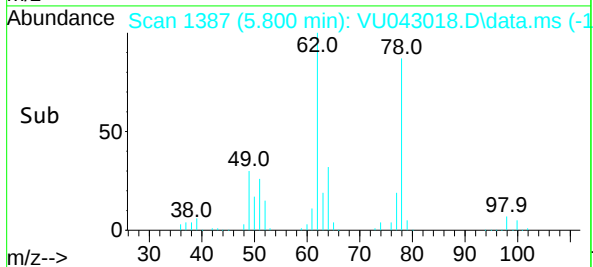
Tgt Ion: 41 Resp: 299537
Ion Ratio Lower Upper
41 100
39 56.1 45.1 67.7
67 60.7 50.2 75.2
52 28.0 22.1 33.1



#42
1,2-Dichloroethane
Concen: 160.39 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



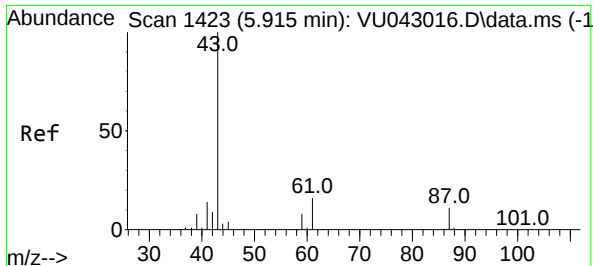
Tgt Ion: 62 Resp: 405991
Ion Ratio Lower Upper
62 100
98 7.3 0.0 14.8



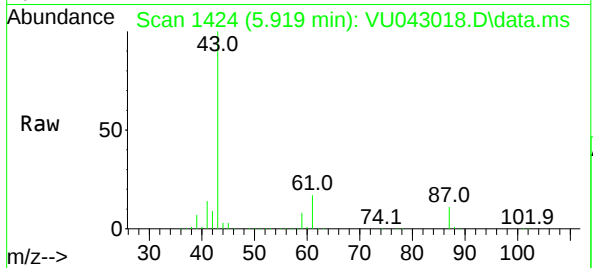
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

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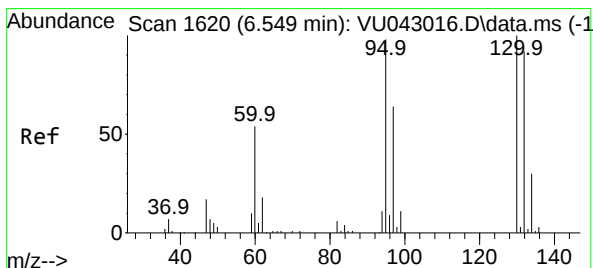
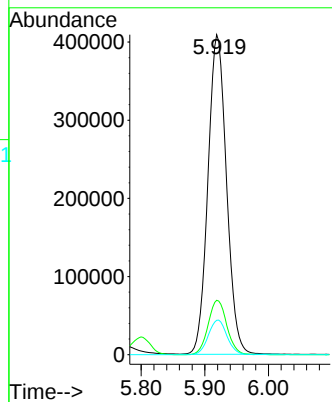
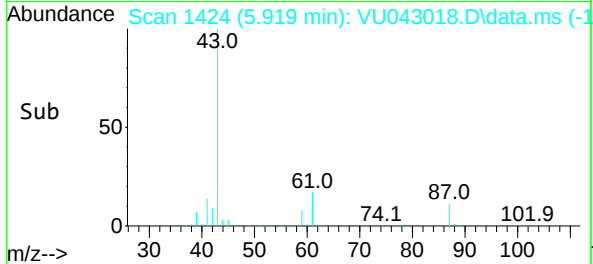
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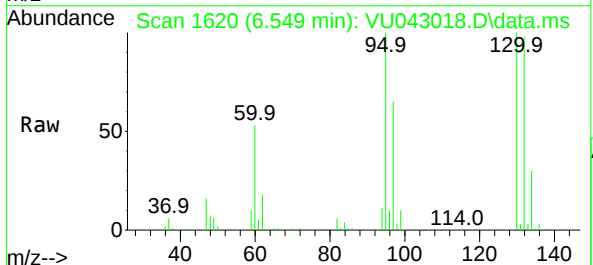
#43
Isopropyl Acetate
Concen: 174.59 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



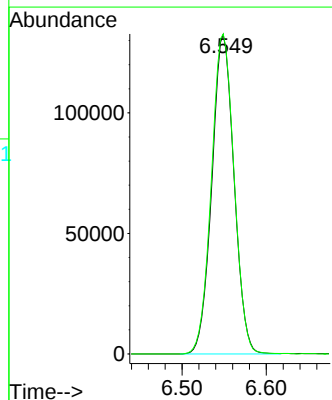
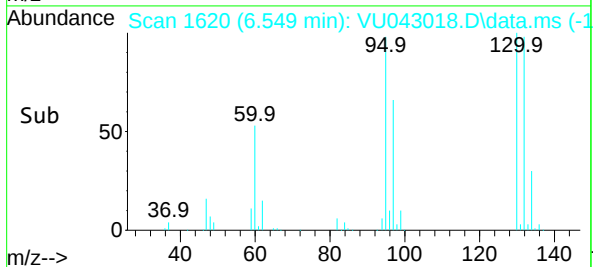
Tgt Ion: 43 Resp: 829284
Ion Ratio Lower Upper
43 100
61 17.2 14.4 21.6
87 10.9 8.8 13.2



#44
Trichloroethene
Concen: 158.41 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



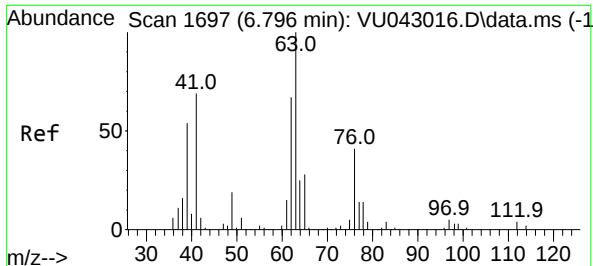
Tgt Ion: 130 Resp: 241875
Ion Ratio Lower Upper
130 100
95 100.2 0.0 197.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

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#45

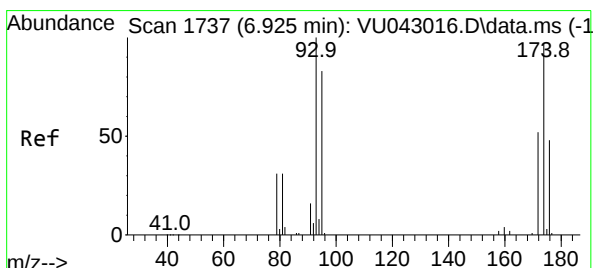
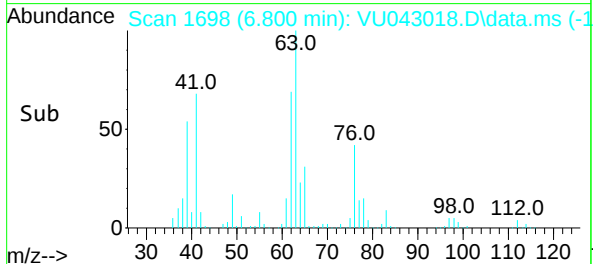
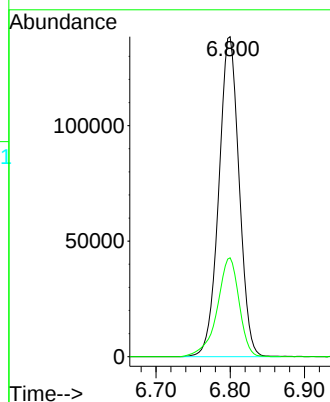
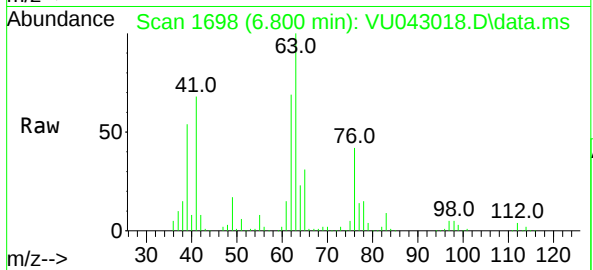
1,2-Dichloropropane
Concen: 163.63 ug/l
RT: 6.800 min Scan# 1698
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 63 Resp: 263223
Ion Ratio Lower Upper
63 100
65 30.9 25.4 38.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Manual Integrations
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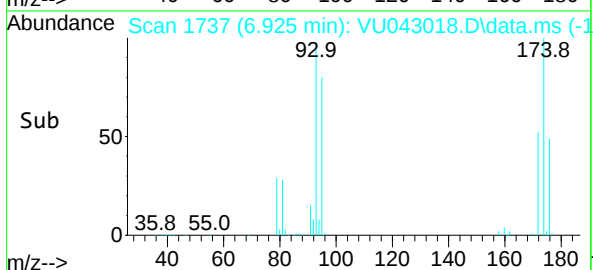
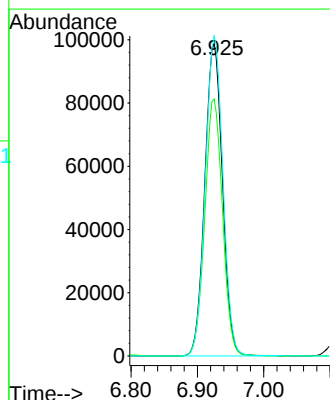
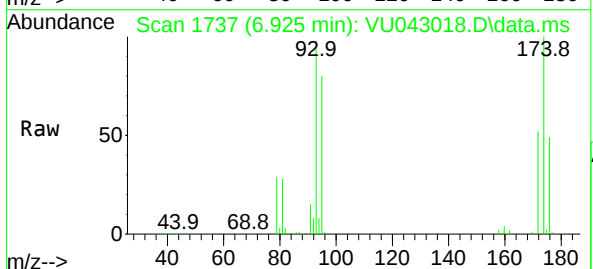
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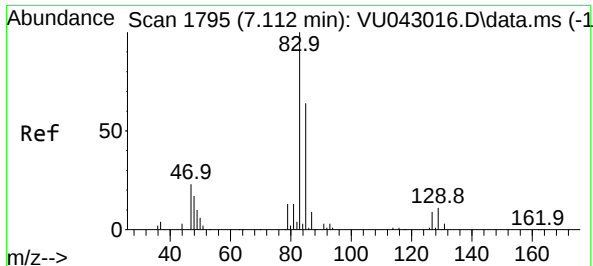


#46

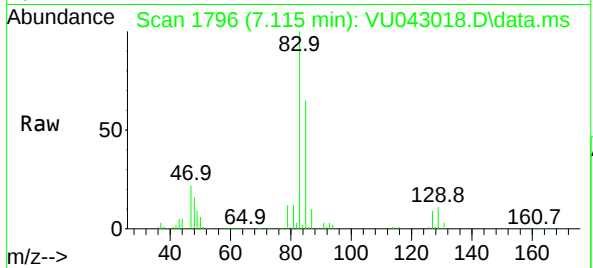
Dibromomethane
Concen: 164.06 ug/l
RT: 6.925 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 93 Resp: 183340
Ion Ratio Lower Upper
93 100
95 82.6 63.6 95.4
174 102.3 83.4 125.2

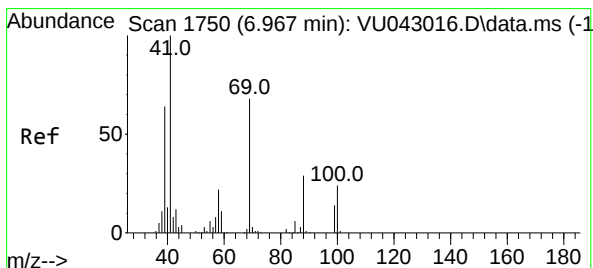
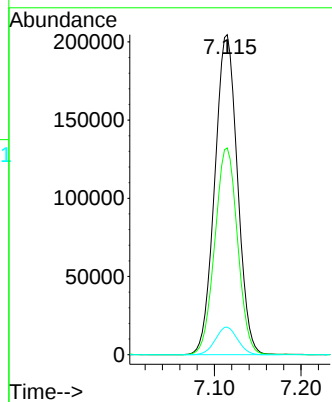
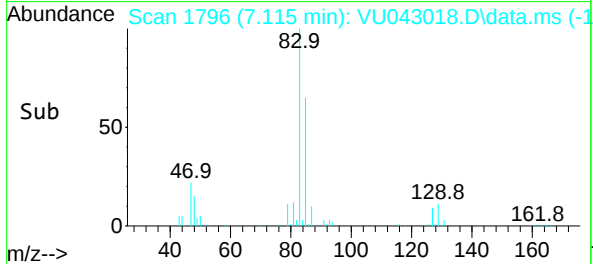




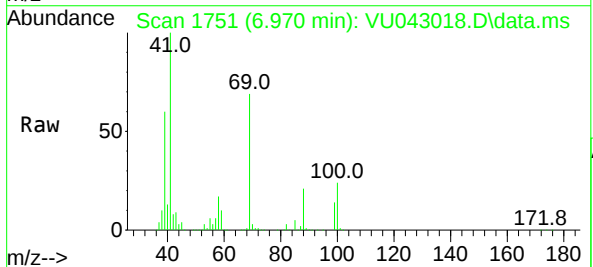
#47
Bromodichloromethane
Concen: 169.69 ug/l
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



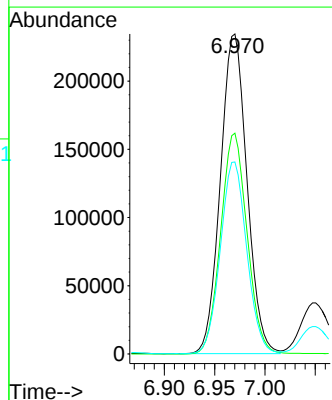
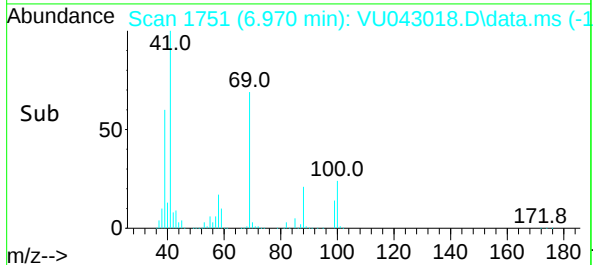
Tgt Ion: 83 Resp: 372903
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9
127 8.6 6.9 10.3



#48
Methyl methacrylate
Concen: 182.76 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



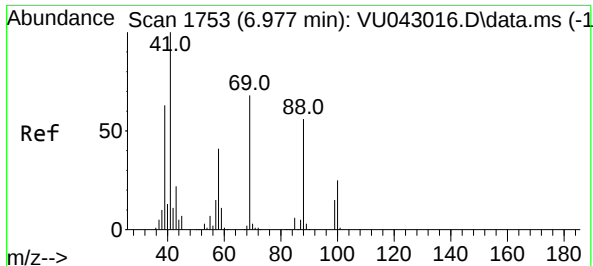
Tgt Ion: 41 Resp: 430326
Ion Ratio Lower Upper
41 100
69 68.8 57.0 85.6
39 59.8 48.4 72.6



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

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#49

1,4-Dioxane

Concen: 3625.76 ug/l

RT: 6.983 min Scan# 1755

Delta R.T. 0.006 min

Lab File: VU043018.D

Acq: 12 Apr 2021 12:05

Tgt Ion: 88 Resp: 166010

Ion Ratio Lower Upper

88 100

43 38.6 0.0 0.0#

58 77.0 60.4 90.6

Instrument :

MSVOA_U

ClientSampleId :

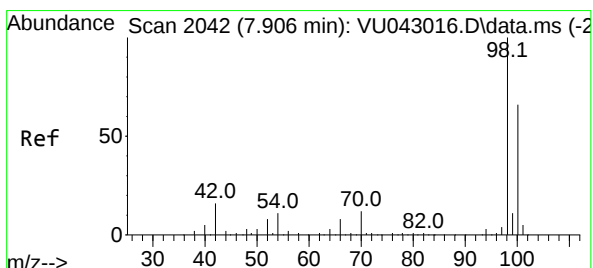
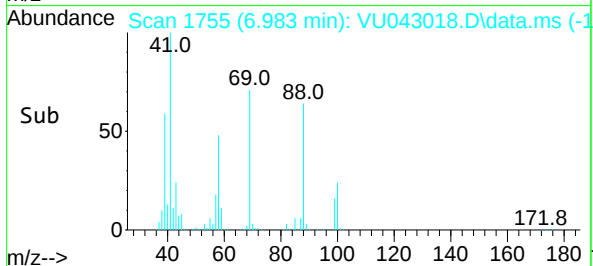
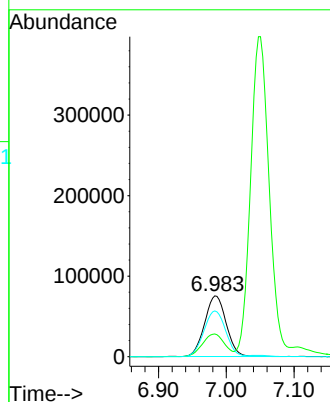
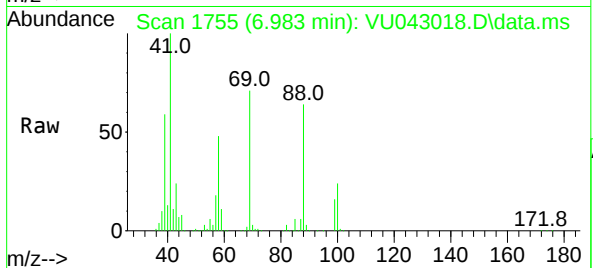
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#50

Toluene-d8

Concen: 159.60 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. 0.000 min

Lab File: VU043018.D

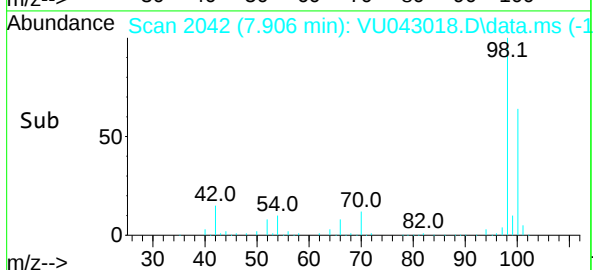
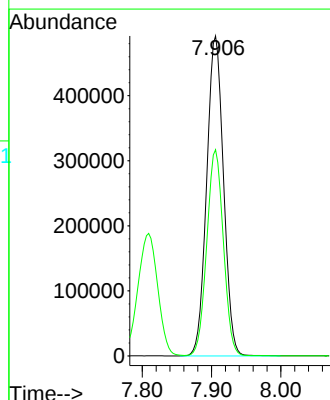
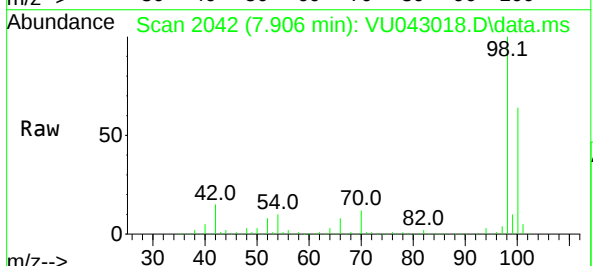
Acq: 12 Apr 2021 12:05

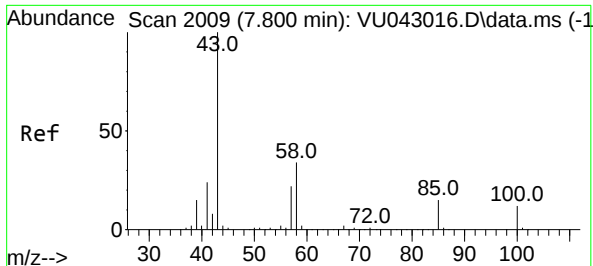
Tgt Ion: 98 Resp: 827900

Ion Ratio Lower Upper

98 100

100 63.6 50.2 75.2





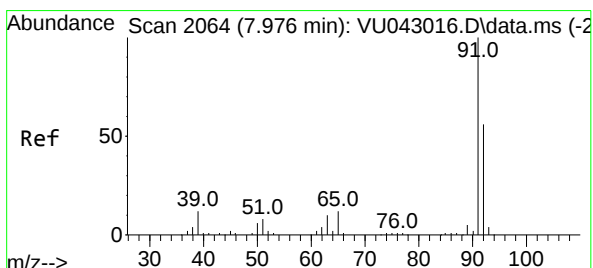
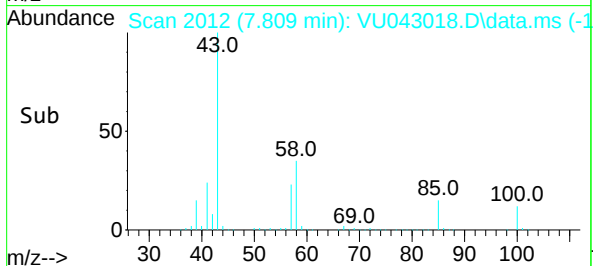
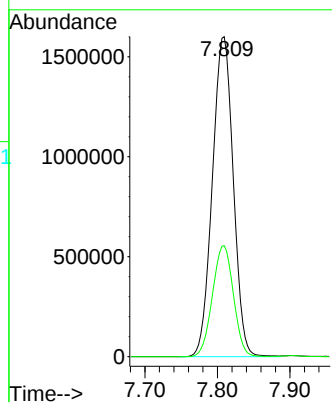
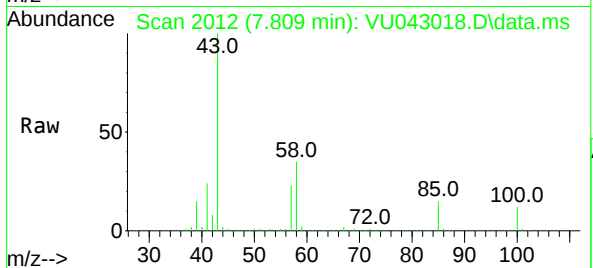
#51
4-Methyl-2-Pentanone
Concen: 979.93 ug/l
RT: 7.809 min Scan# 2012
Delta R.T. 0.010 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 43 Resp: 3204722
Ion Ratio Lower Upper
43 100
58 34.8 28.1 42.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

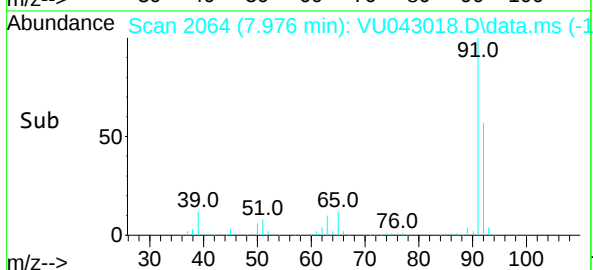
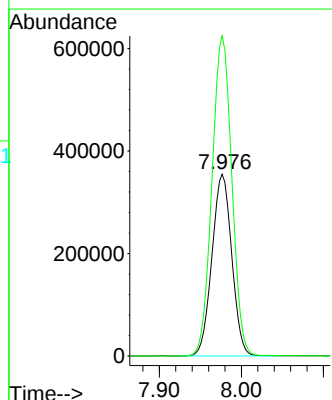
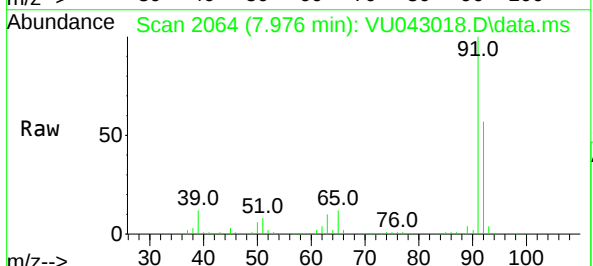
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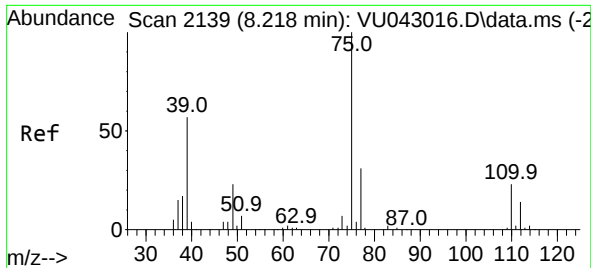
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#52
Toluene
Concen: 166.20 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 92 Resp: 594467
Ion Ratio Lower Upper
92 100
91 176.4 140.3 210.5





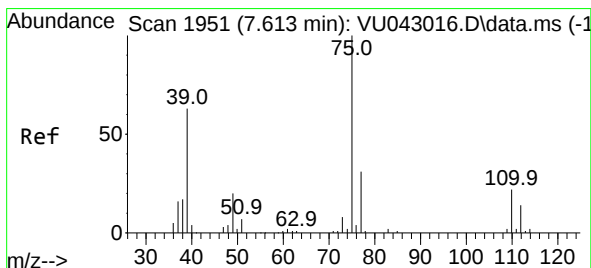
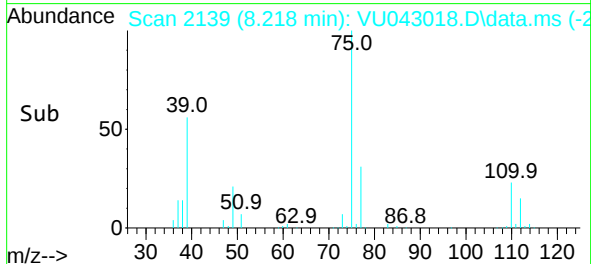
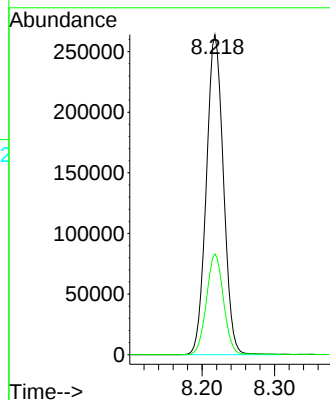
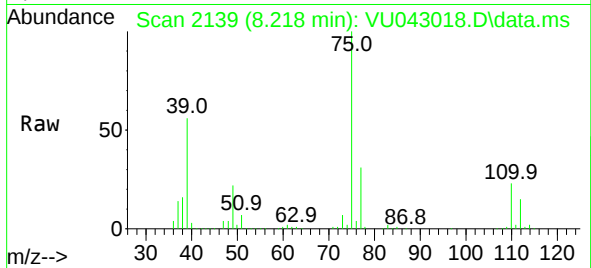
#53
t-1,3-Dichloropropene
Concen: 177.94 ug/l
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 75 Resp: 431513
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

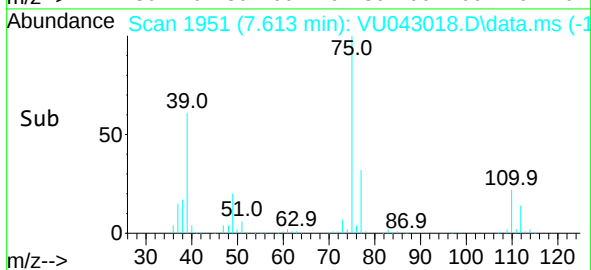
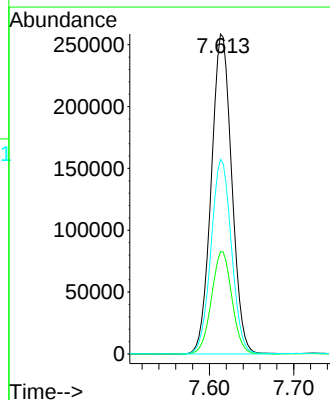
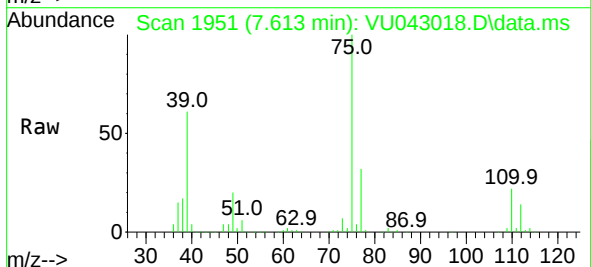
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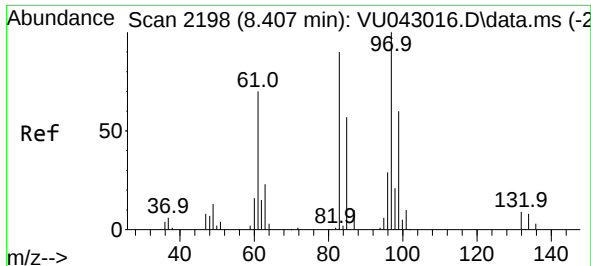
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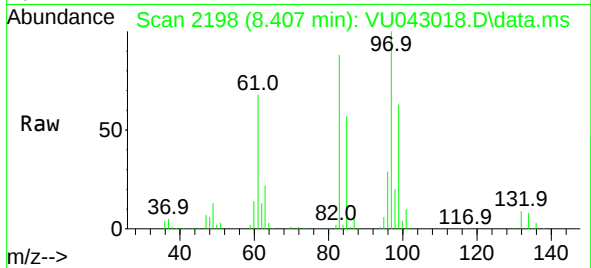
#54
cis-1,3-Dichloropropene
Concen: 170.72 ug/l
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 75 Resp: 436881
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0
39 60.8 46.1 69.1

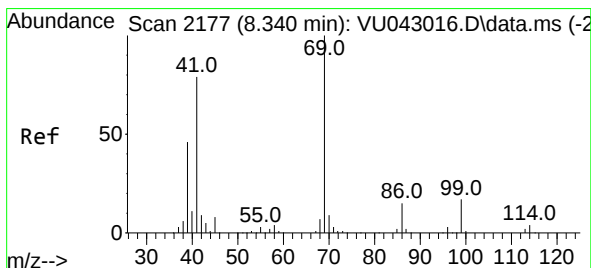
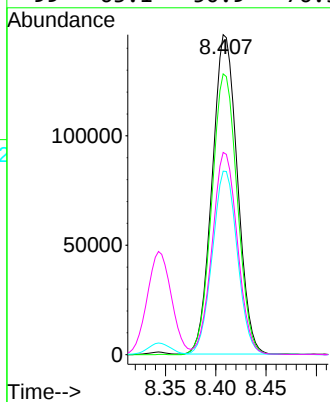
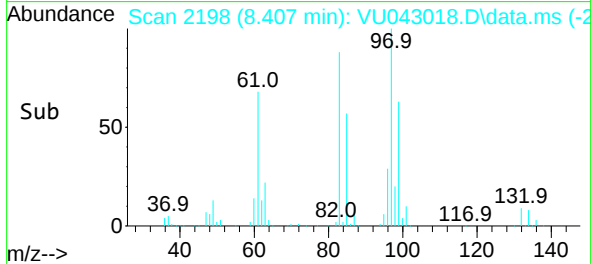




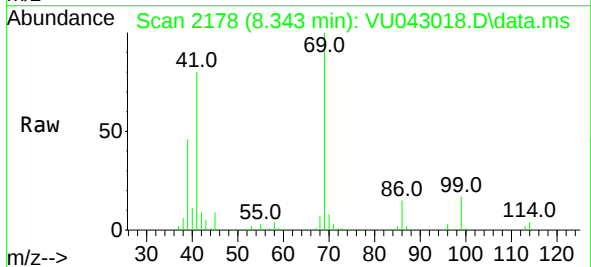
#55
1,1,2-Trichloroethane
Concen: 171.20 ug/l
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



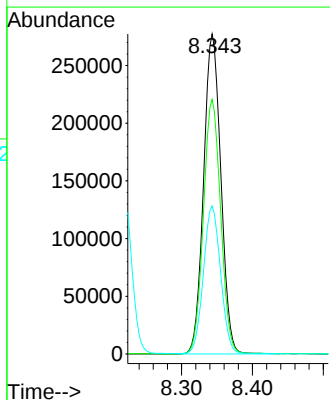
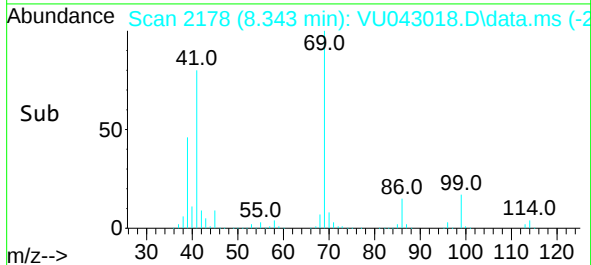
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.9	72.6	109.0
85	57.3	46.6	69.8
99	63.1	50.9	76.3



#56
Ethyl methacrylate
Concen: 184.10 ug/l
RT: 8.343 min Scan# 2178
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



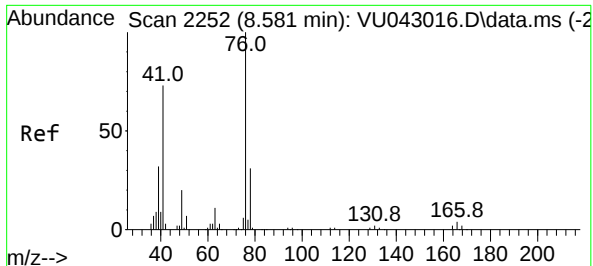
Tgt Ion	Ratio	Lower	Upper
69	100		
41	79.7	62.8	94.2
39	45.9	36.2	54.2



Instrument :
MSVOA_U
ClientSampleId :
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#57

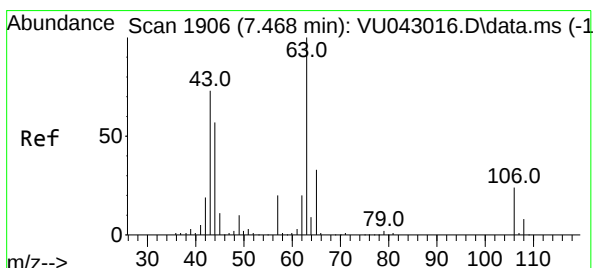
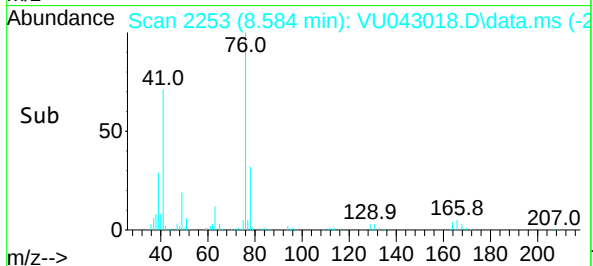
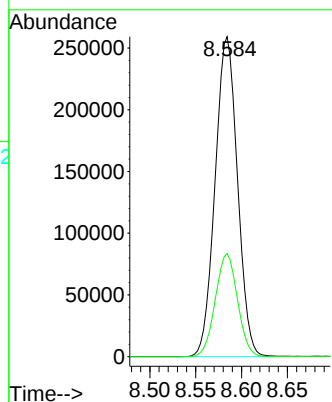
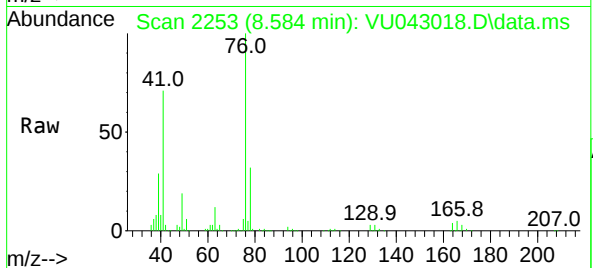
1,3-Dichloropropane
Concen: 169.67 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 76 Resp: 440009
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Manual Integrations
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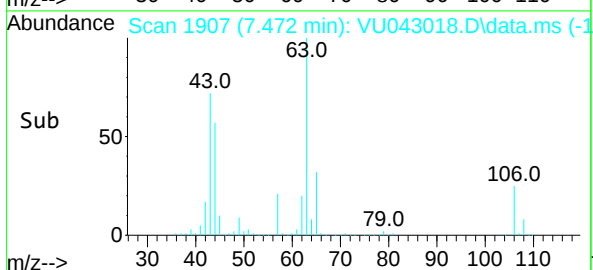
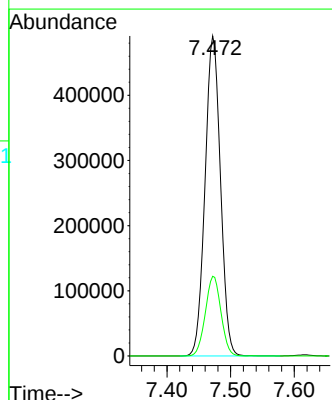
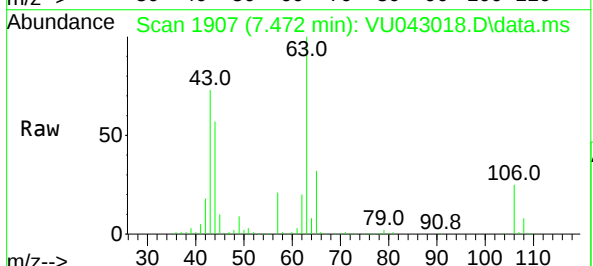
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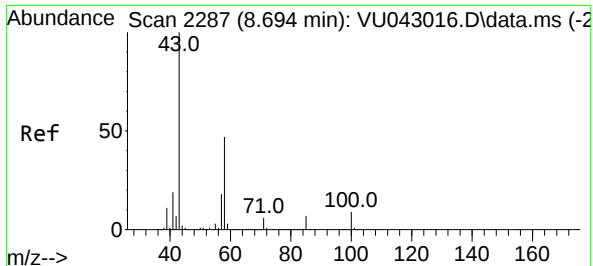


#58

2-Chloroethyl Vinyl ether
Concen: 953.01 ug/l
RT: 7.472 min Scan# 1907
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

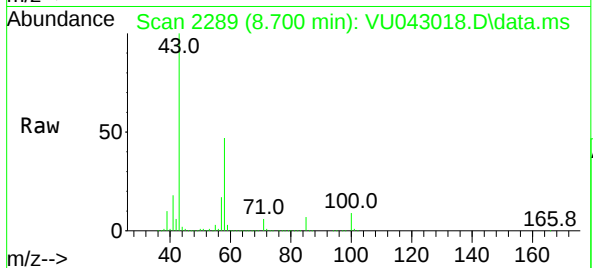
Tgt Ion: 63 Resp: 826261
Ion Ratio Lower Upper
63 100
106 25.2 20.3 30.5



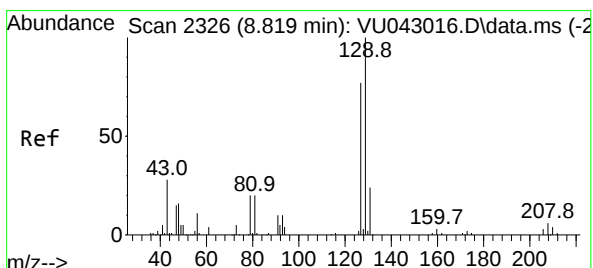
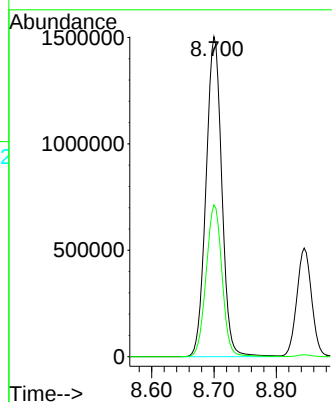
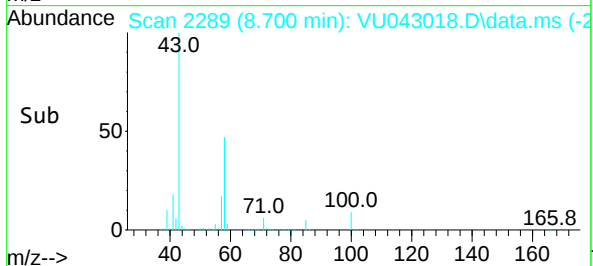


#59
2-Hexanone
Concen: 1004.97 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

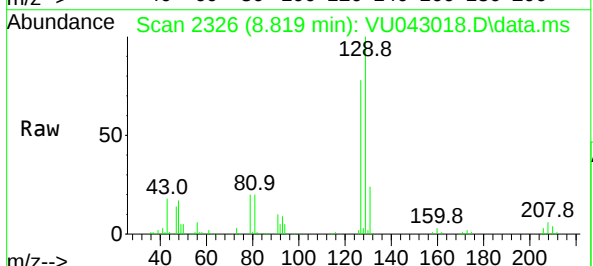
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



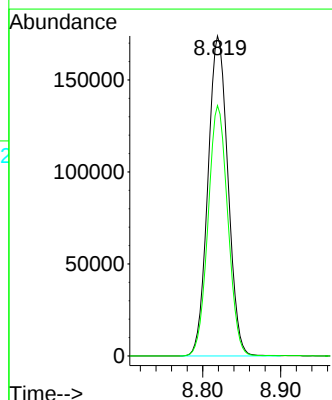
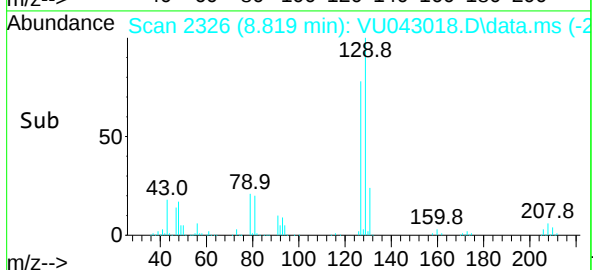
Tgt Ion: 43 Resp: 2648427
Ion Ratio Lower Upper
43 100
58 47.8 24.0 72.0

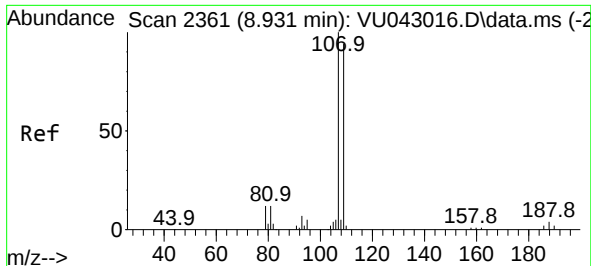


#60
Dibromochloromethane
Concen: 178.57 ug/l
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



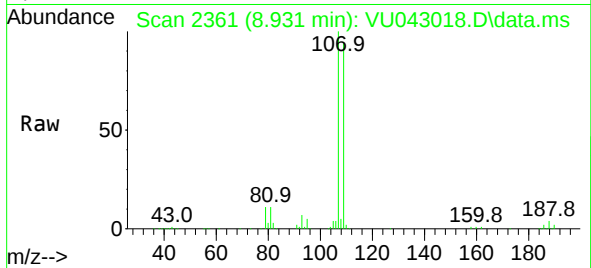
Tgt Ion: 129 Resp: 310393
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61
1,2-Dibromoethane
Concen: 171.17 ug/l
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

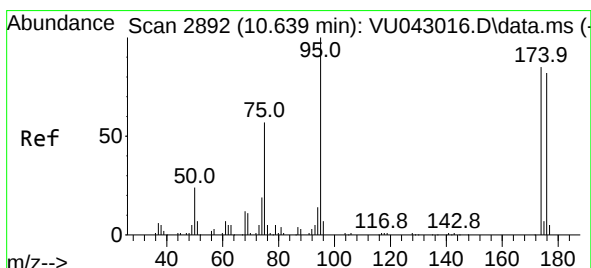
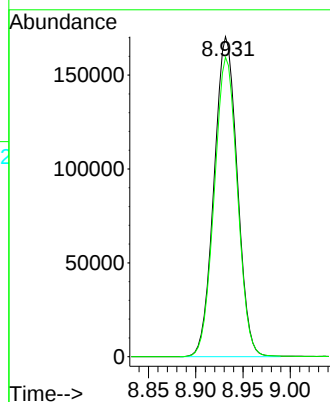
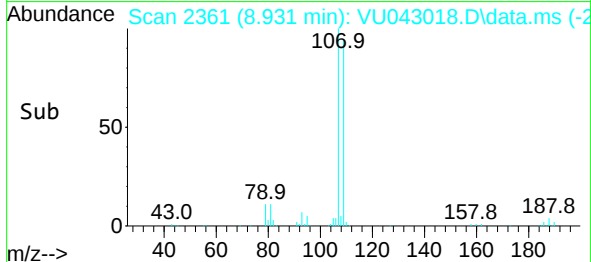
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



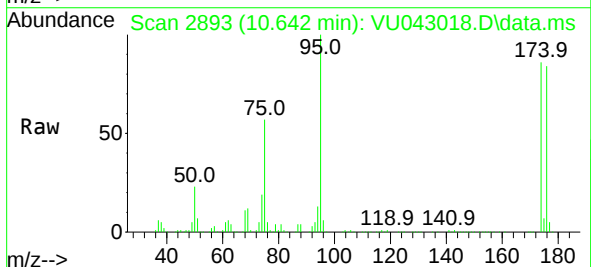
Tgt Ion:107 Resp: 290842
Ion Ratio Lower Upper
107 100
109 93.3 75.9 113.9

Manual Integrations
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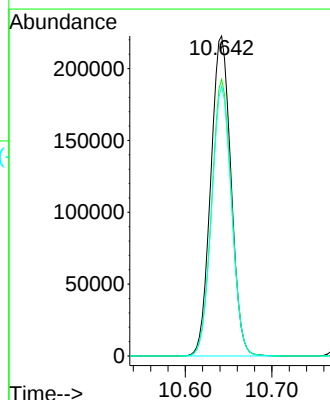
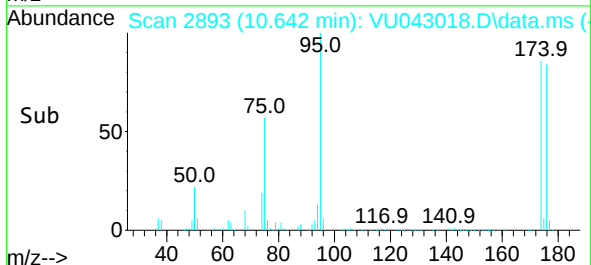
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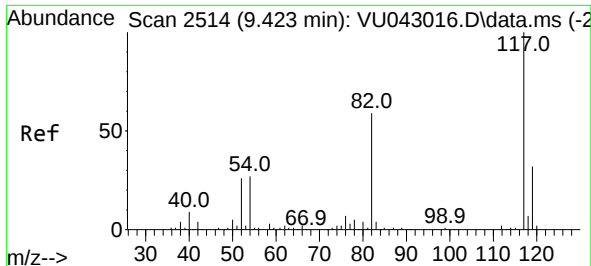


#62
4-Bromofluorobenzene
Concen: 175.27 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



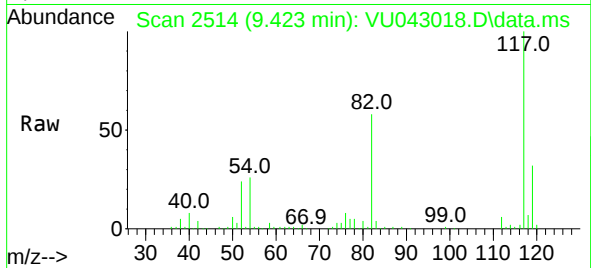
Tgt Ion: 95 Resp: 360524
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.2
176 83.0 0.0 168.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

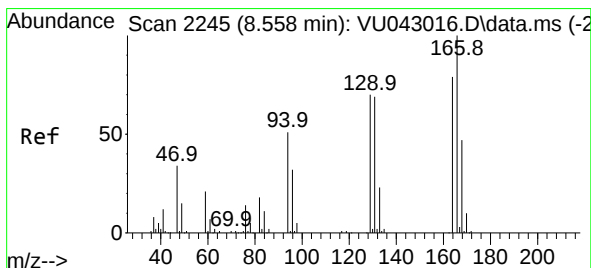
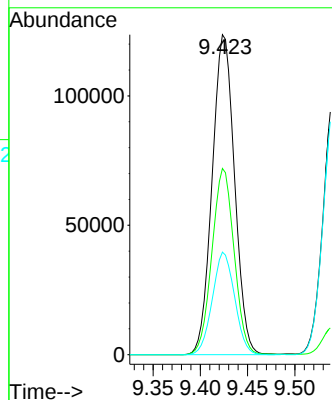
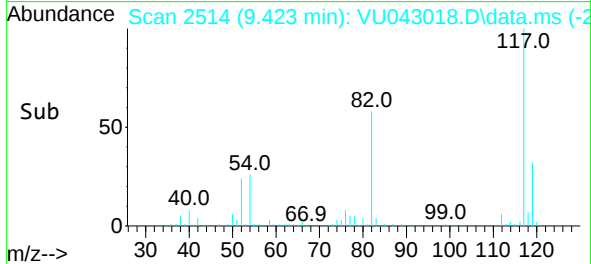
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



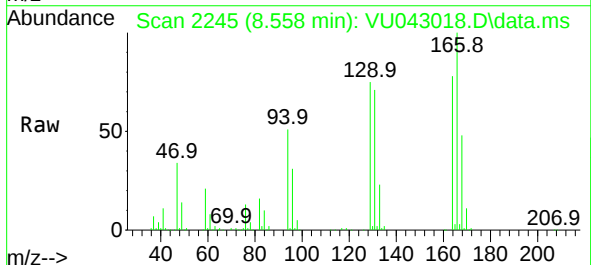
Tgt Ion:117 Resp: 203986
Ion Ratio Lower Upper
117 100
82 58.2 45.8 68.6
119 32.0 25.8 38.8

Manual Integrations
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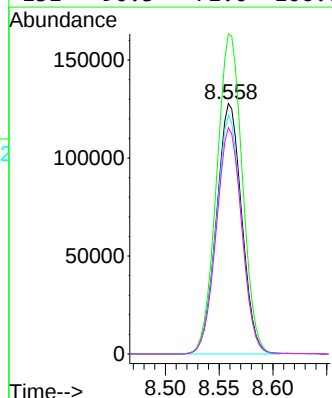
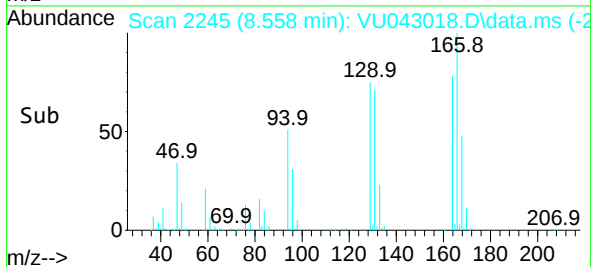
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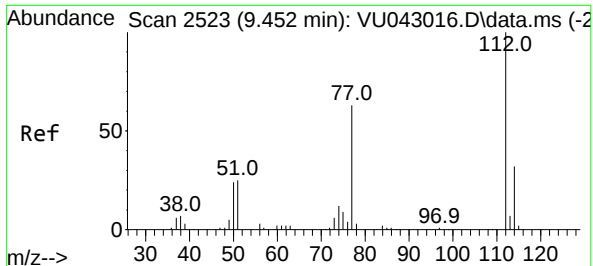


#64
Tetrachloroethene
Concen: 137.02 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



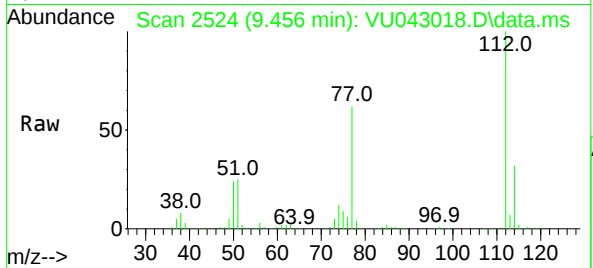
Tgt Ion:164 Resp: 209220
Ion Ratio Lower Upper
164 100
166 127.8 105.3 157.9
129 95.3 75.0 112.6
131 90.3 71.0 106.6





#65
Chlorobenzene
Concen: 157.96 ug/l
RT: 9.456 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

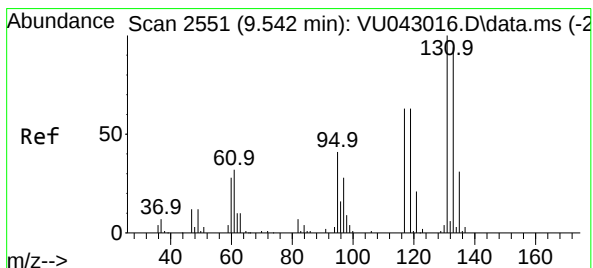
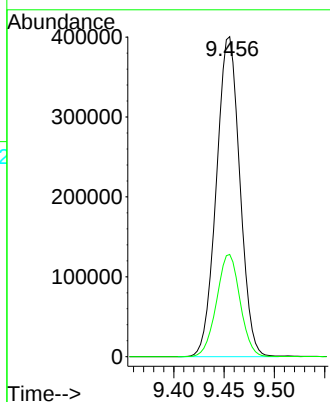
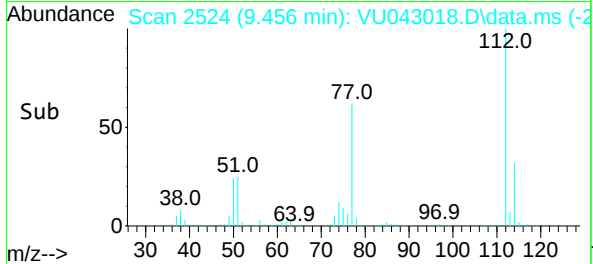
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



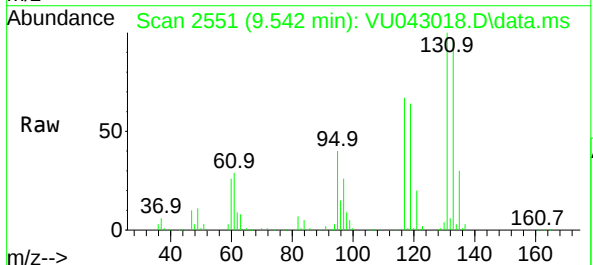
Tgt Ion:112 Resp: 649854
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

Manual Integrations
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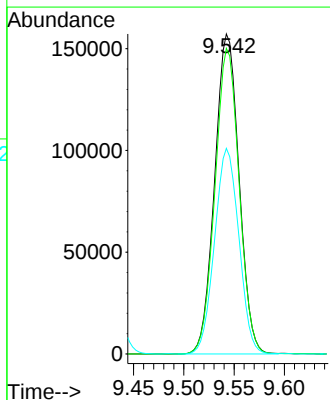
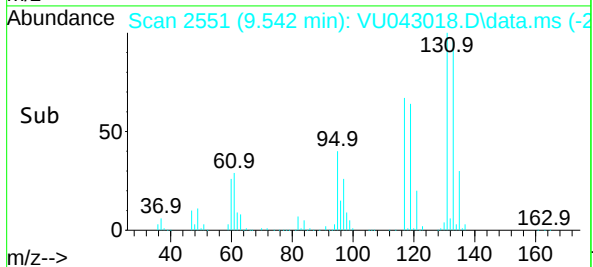
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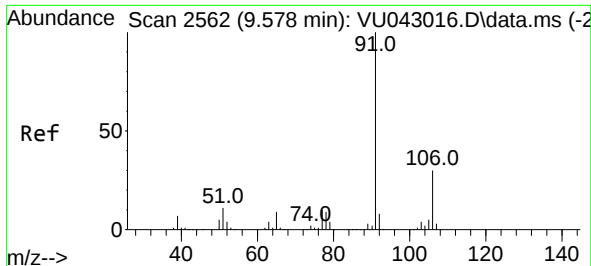


#66
1,1,1,2-Tetrachloroethane
Concen: 168.64 ug/l
RT: 9.542 min Scan# 2551
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



Tgt Ion:131 Resp: 264510
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.9
119 64.3 31.9 95.5





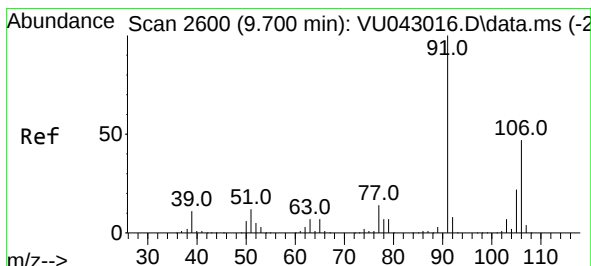
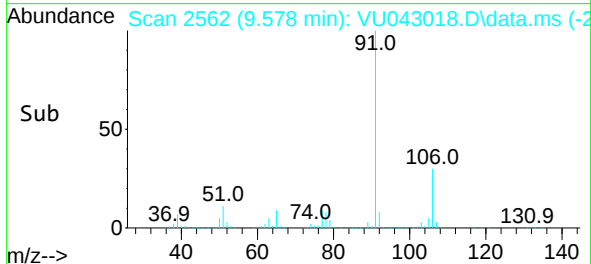
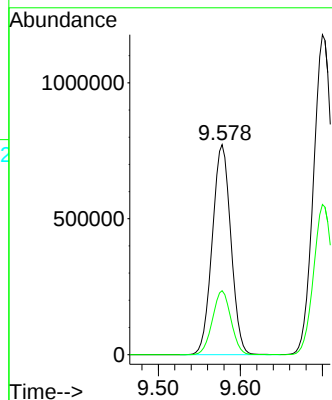
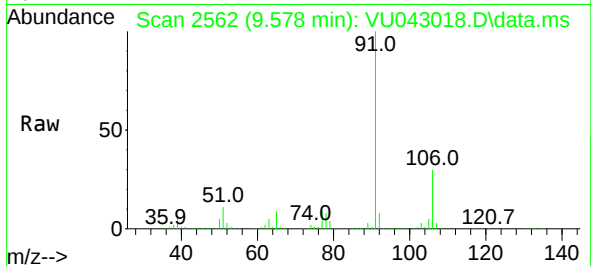
#67
Ethyl Benzene
Concen: 163.66 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 91 Resp: 1216256
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

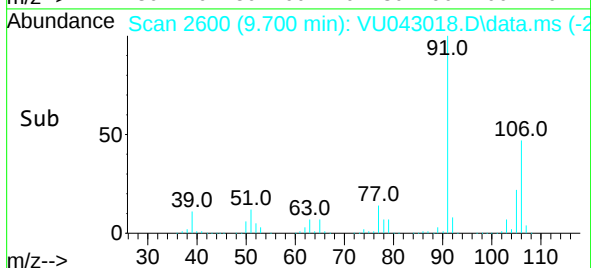
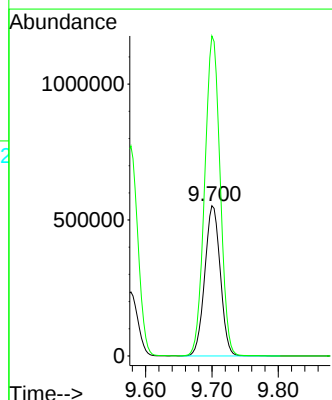
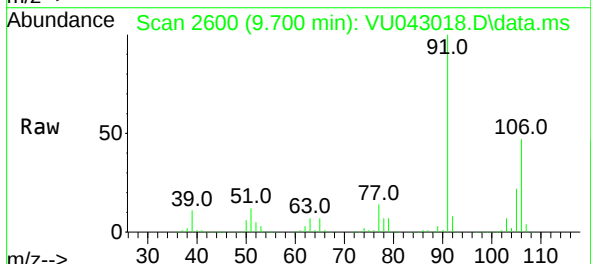
Manual Integrations
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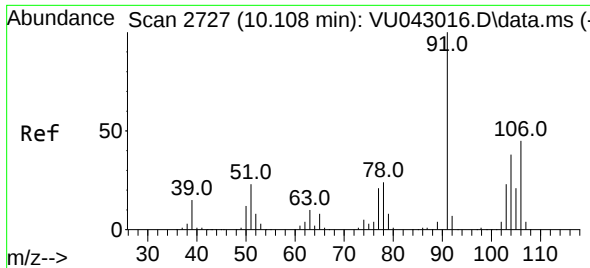
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#68
m/p-Xylenes
Concen: 324.95 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion:106 Resp: 896427
Ion Ratio Lower Upper
106 100
91 212.5 169.9 254.9





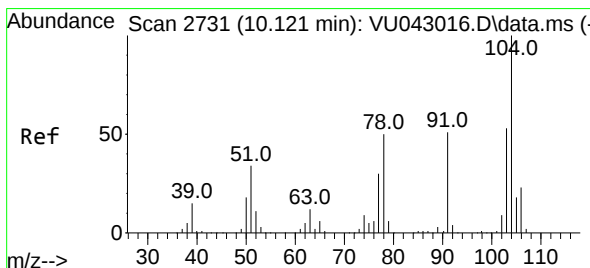
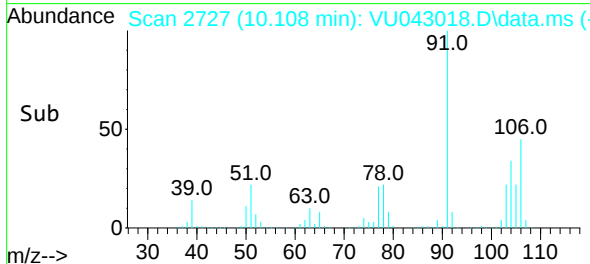
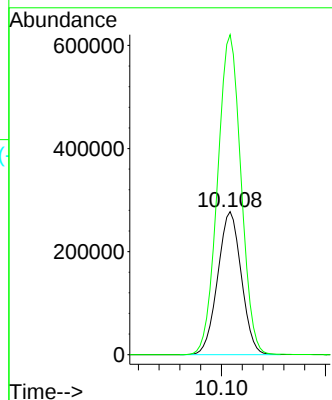
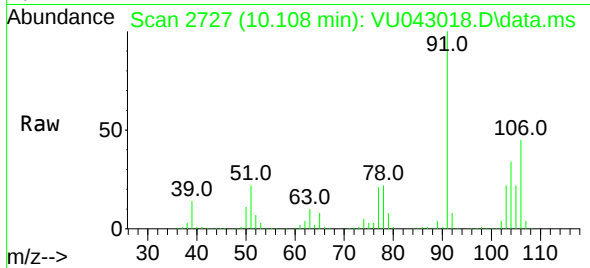
#69
o-Xylene
Concen: 162.51 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion:106 Resp: 438126
Ion Ratio Lower Upper
106 100
91 222.9 111.2 333.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

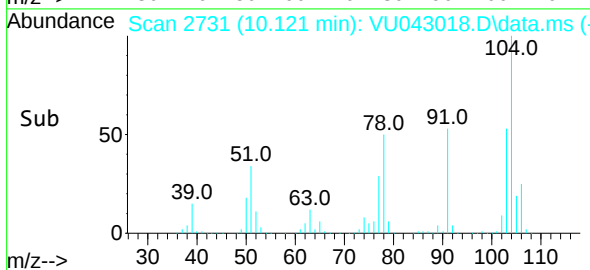
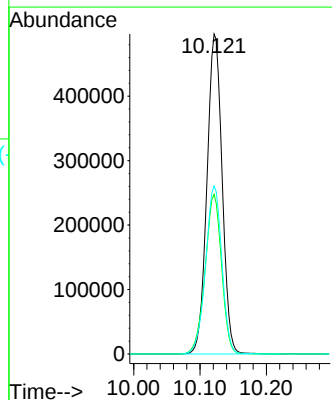
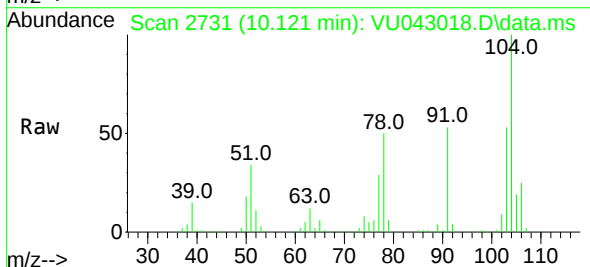
Manual Integrations
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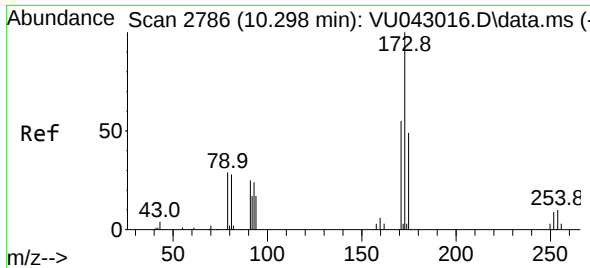
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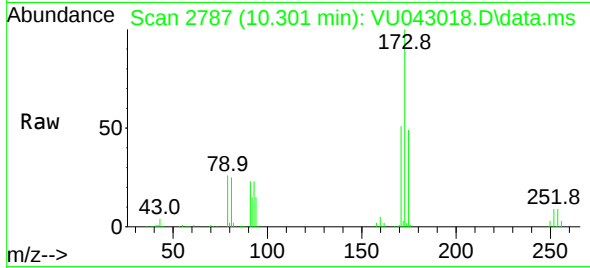
#70
Styrene
Concen: 174.56 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion:104 Resp: 787989
Ion Ratio Lower Upper
104 100
78 53.9 44.8 67.2
103 56.3 45.7 68.5

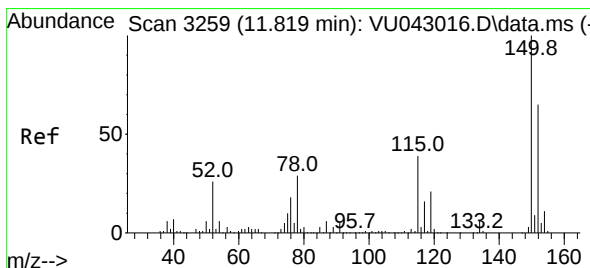
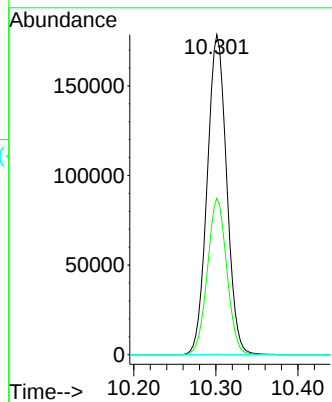
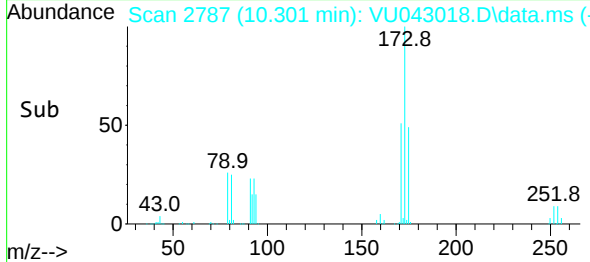




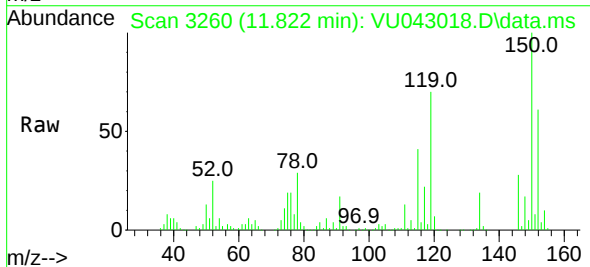
#71
Bromoform
Concen: 194.18 ug/l
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



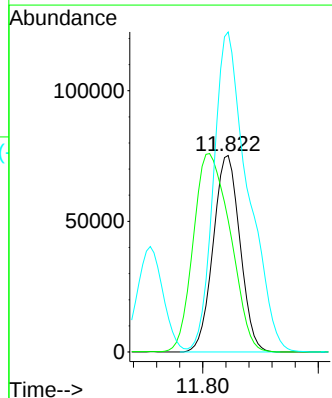
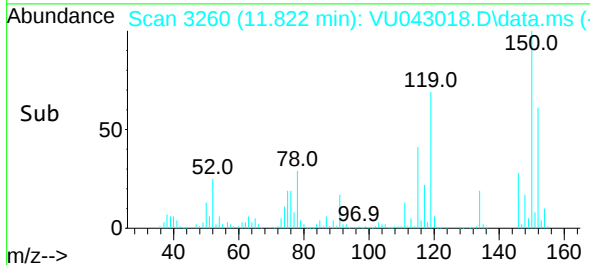
Tgt Ion:173 Resp: 294668
Ion Ratio Lower Upper
173 100
175 48.7 23.8 71.2
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



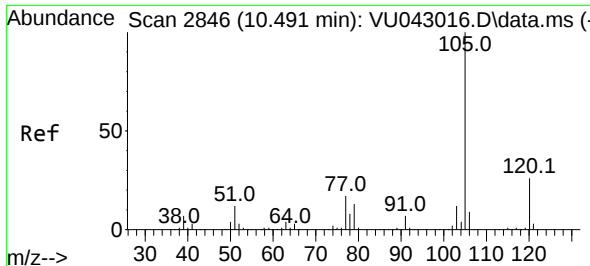
Tgt Ion:152 Resp: 121188
Ion Ratio Lower Upper
152 100
115 139.1 41.5 124.6#
150 208.9 0.0 342.4



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Manual Integrations
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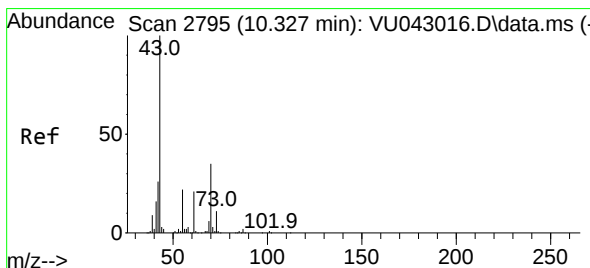
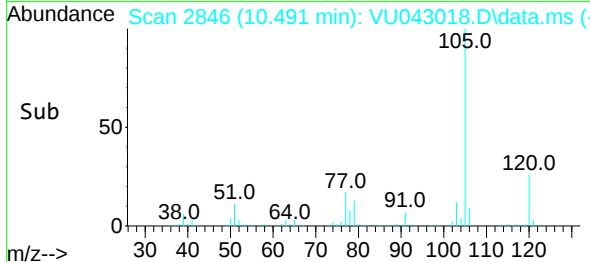
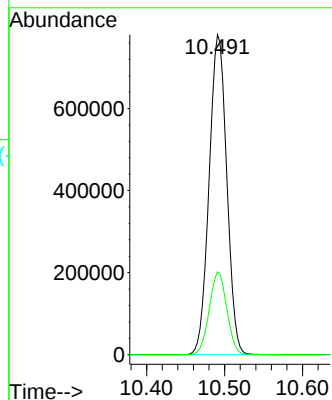
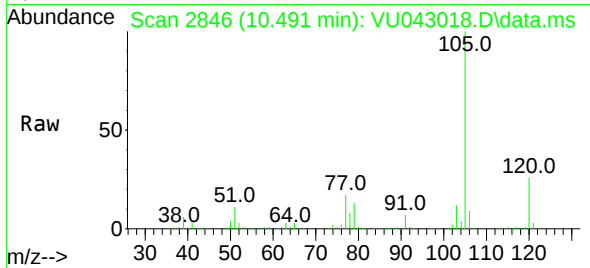
#73
Isopropylbenzene
Concen: 151.40 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 105 Resp: 1223949
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

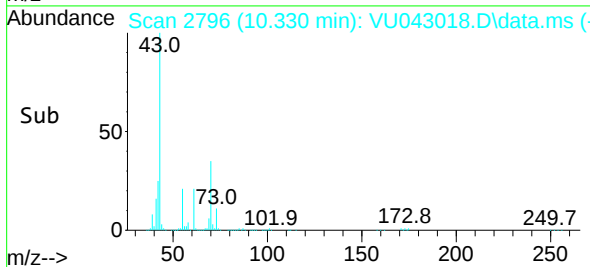
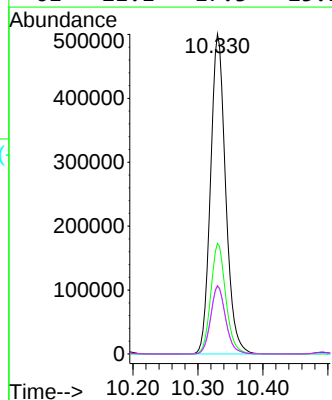
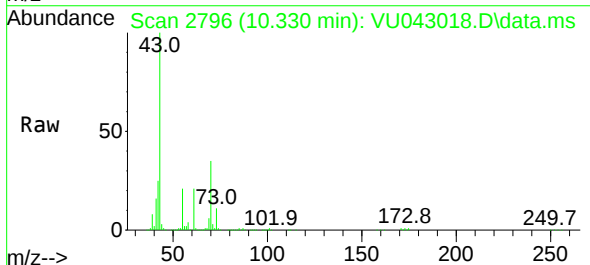
Manual Integrations
APPROVED

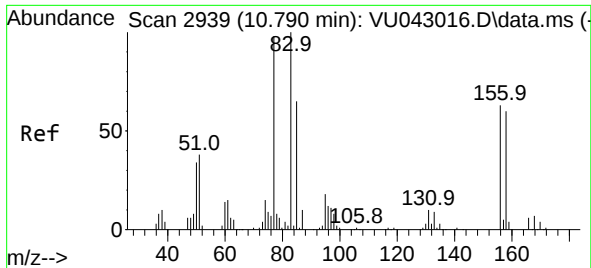
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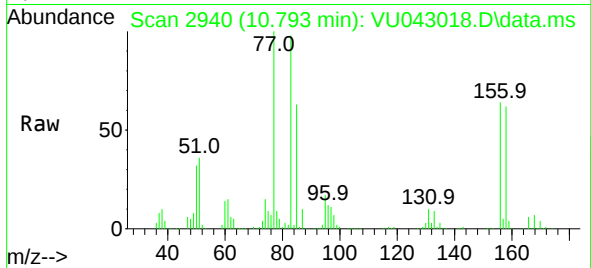
#74
N-ethyl acetate
Concen: 173.64 ug/l
RT: 10.330 min Scan# 2796
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 43 Resp: 809092
Ion Ratio Lower Upper
43 100
70 34.4 28.3 42.5
55 21.1 17.2 25.8
61 21.1 17.3 25.9

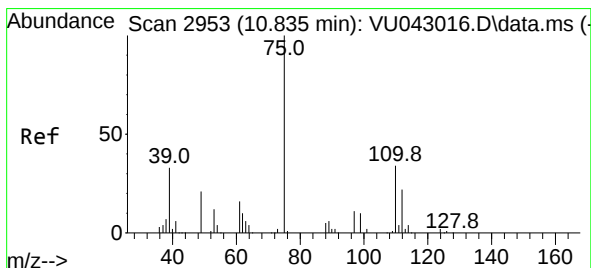
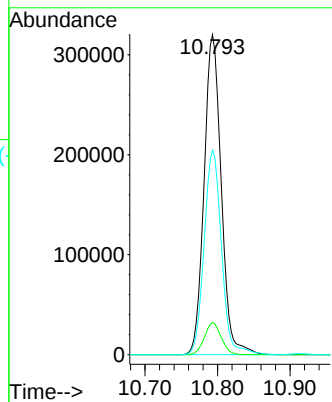
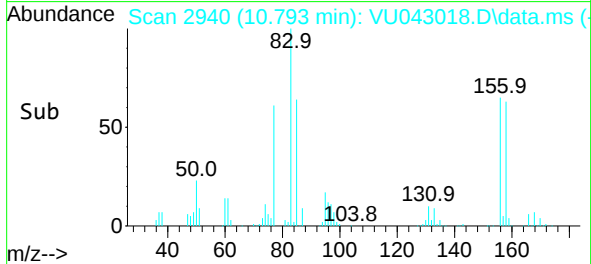




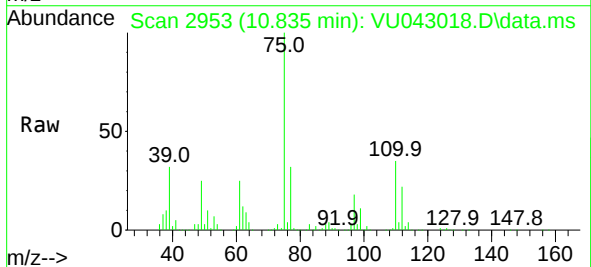
#75
1,1,2,2-Tetrachloroethane
Concen: 168.54 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



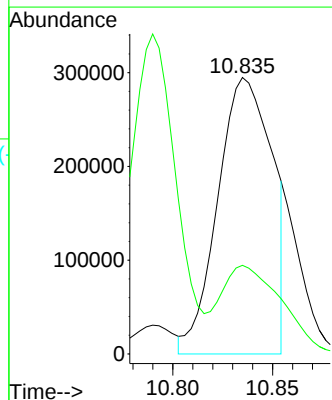
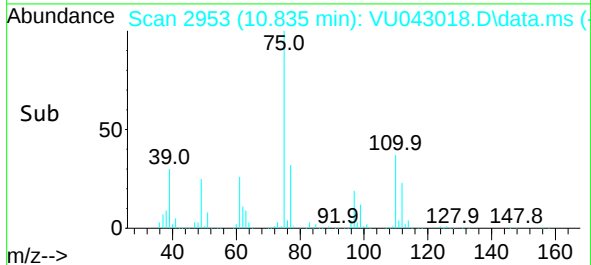
Tgt Ion: 83 Resp: 527111
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.2
85 64.7 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 181.38 ug/l m
RT: 10.835 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



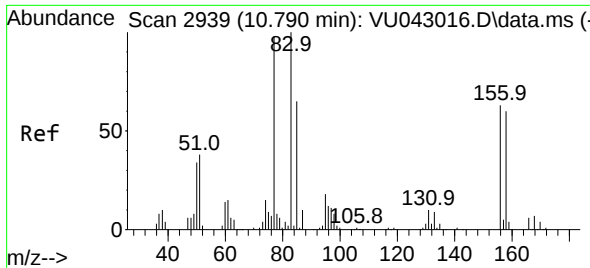
Tgt Ion: 75 Resp: 559528
Ion Ratio Lower Upper
75 100
77 36.6 20.2 60.5



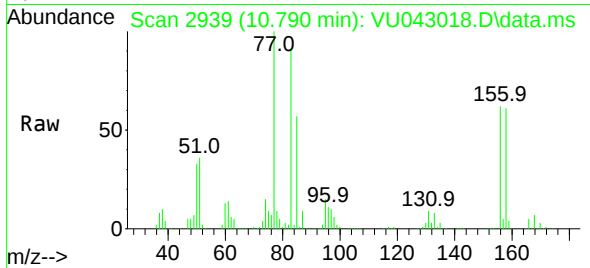
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

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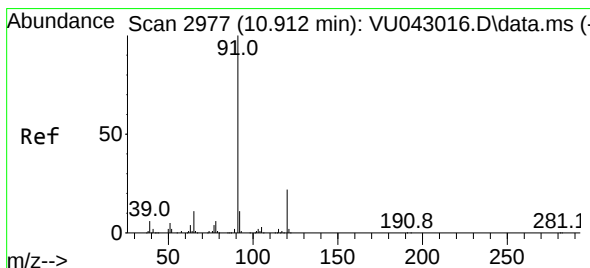
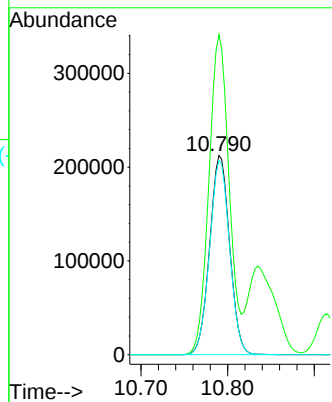
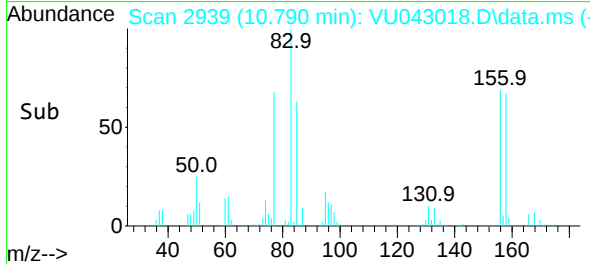
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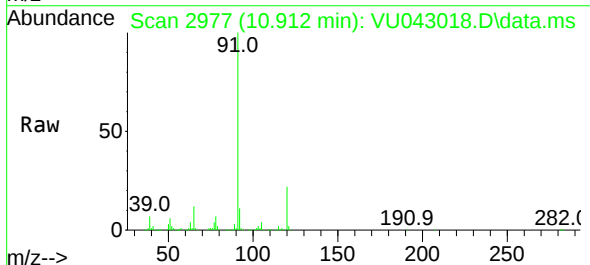
#77
Bromobenzene
Concen: 157.44 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



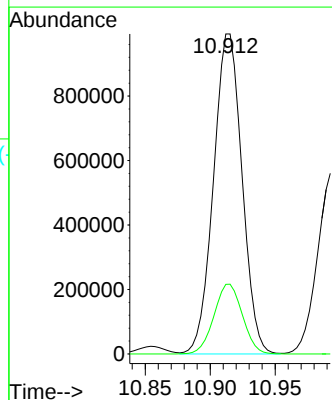
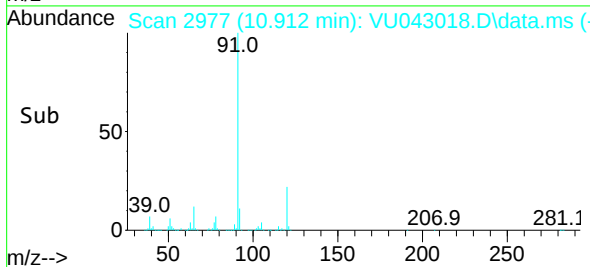
Tgt Ion:156 Resp: 340491
Ion Ratio Lower Upper
156 100
77 161.5 79.3 238.1
158 97.4 48.3 144.9



#78
n-propylbenzene
Concen: 161.29 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



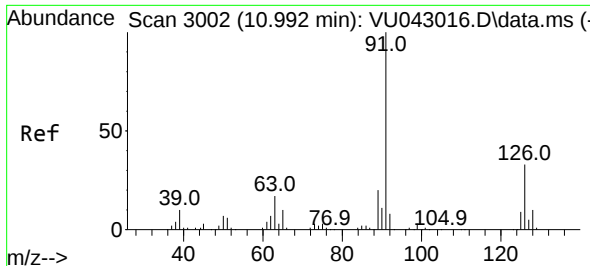
Tgt Ion: 91 Resp: 1516190
Ion Ratio Lower Upper
91 100
120 21.7 11.2 33.6



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Manual Integrations
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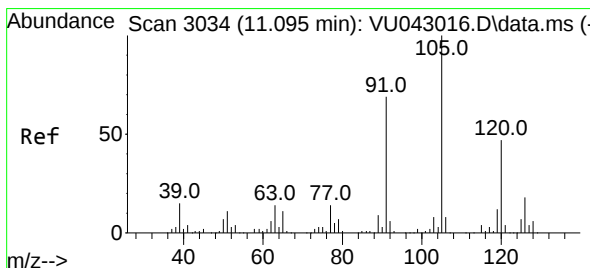
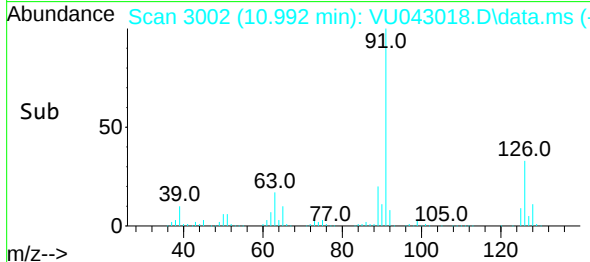
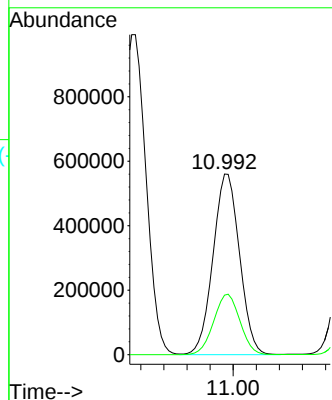
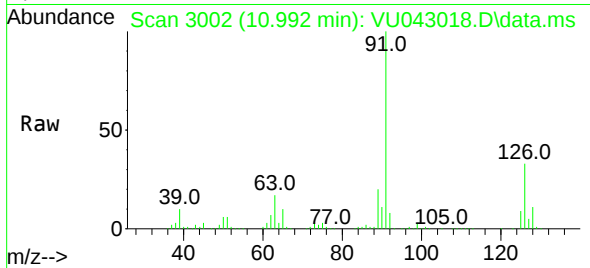
#79
2-Chlorotoluene
Concen: 155.53 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 91 Resp: 893412
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

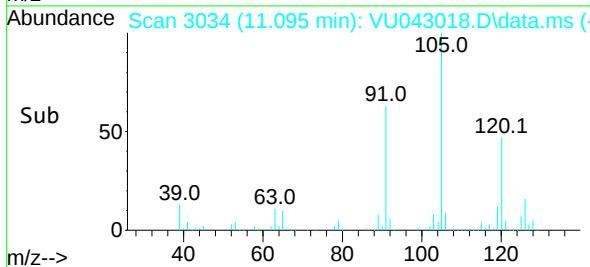
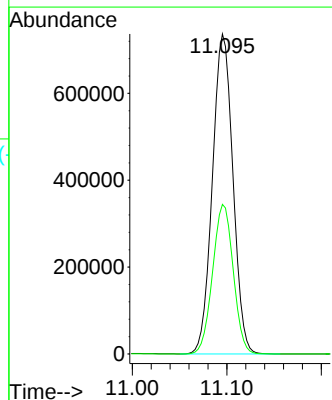
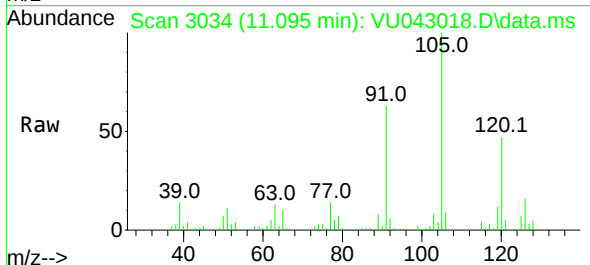
Manual Integrations
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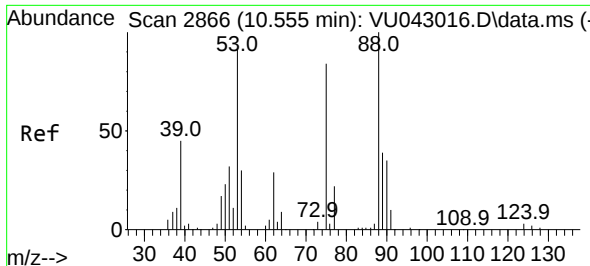
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#80
1,3,5-Trimethylbenzene
Concen: 158.34 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

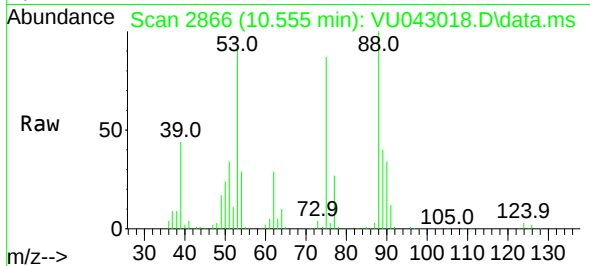
Tgt Ion: 105 Resp: 1109768
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 179.58 ug/l
RT: 10.555 min Scan# 2866
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

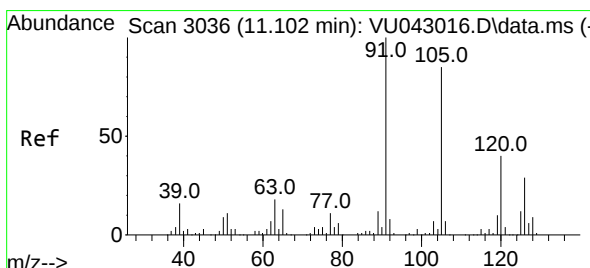
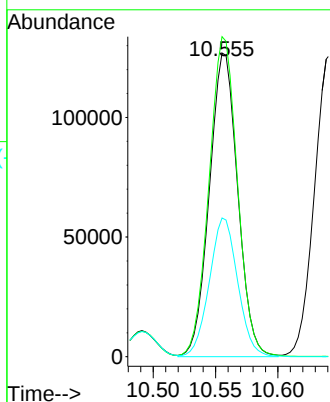
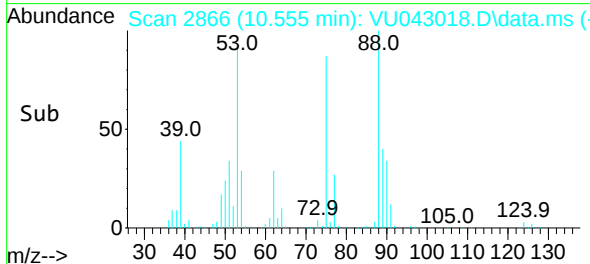
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



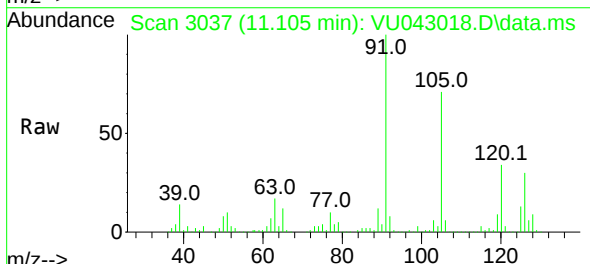
Tgt Ion: 75 Resp: 201142
Ion Ratio Lower Upper
75 100
53 105.2 85.6 128.4
89 45.7 35.7 53.5

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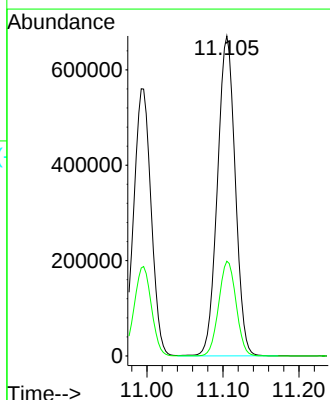
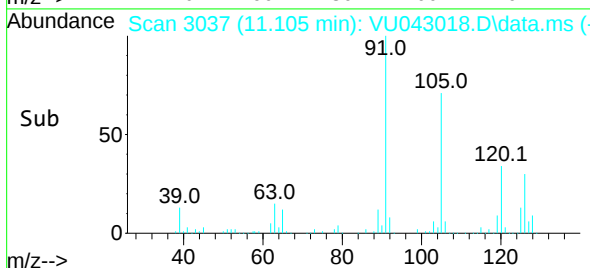
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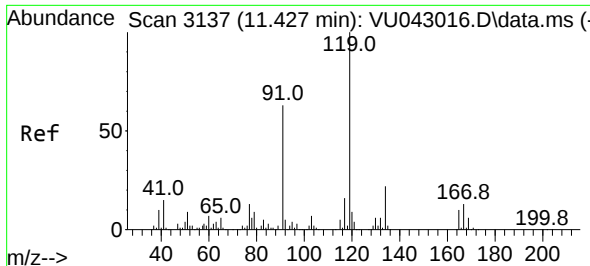


#82
4-Chlorotoluene
Concen: 162.11 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



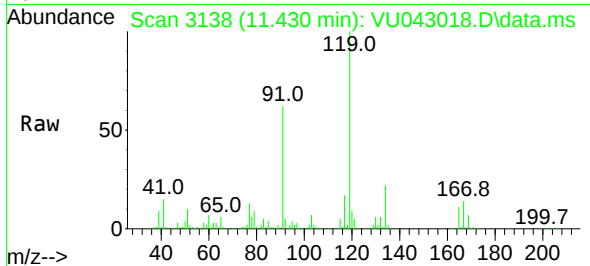
Tgt Ion: 91 Resp: 1087816
Ion Ratio Lower Upper
91 100
126 28.9 14.6 44.0





#83
tert-Butylbenzene
Concen: 163.78 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

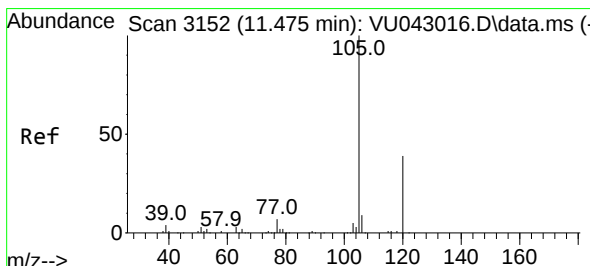
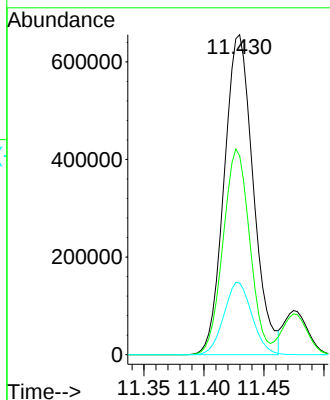
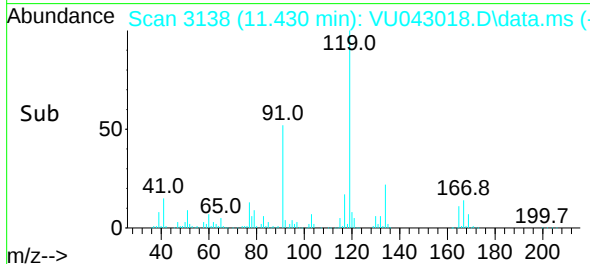
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



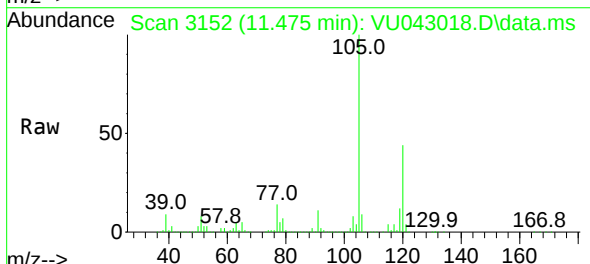
Tgt Ion:119 Resp: 1106742
Ion Ratio Lower Upper
119 100
91 59.1 30.3 90.9
134 21.8 11.4 34.1

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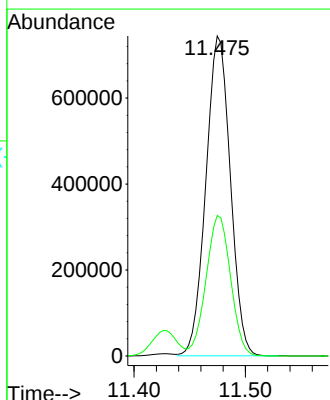
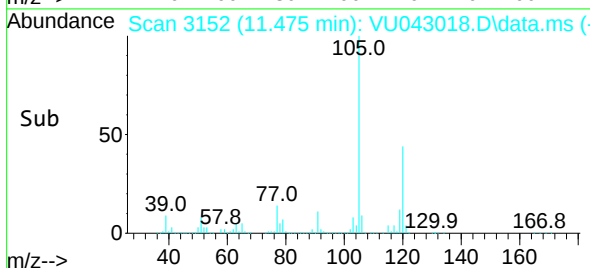
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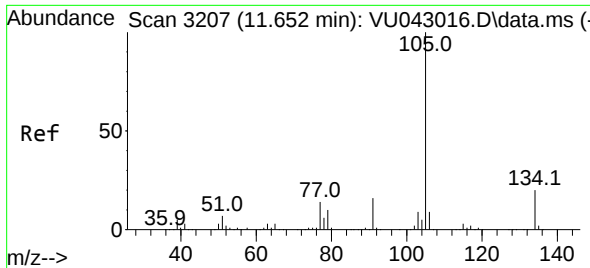


#84
1,2,4-Trimethylbenzene
Concen: 161.87 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



Tgt Ion:105 Resp: 1135753
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.8





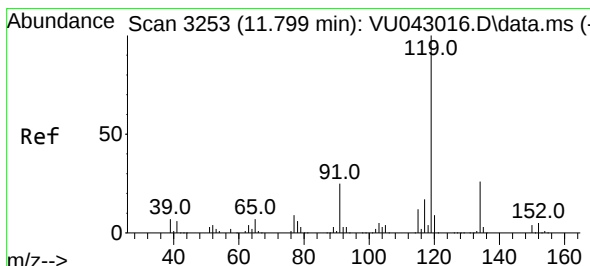
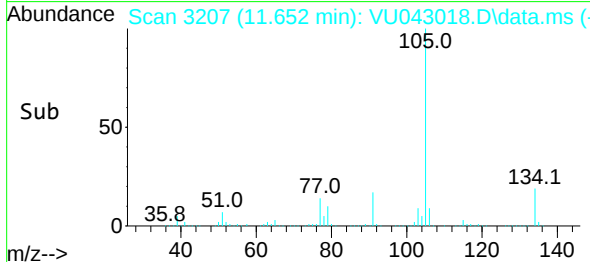
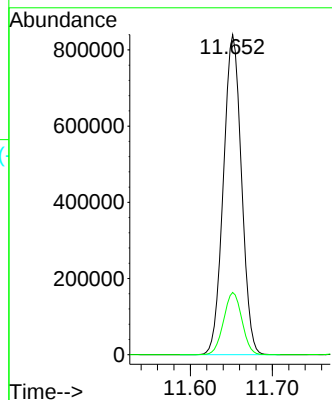
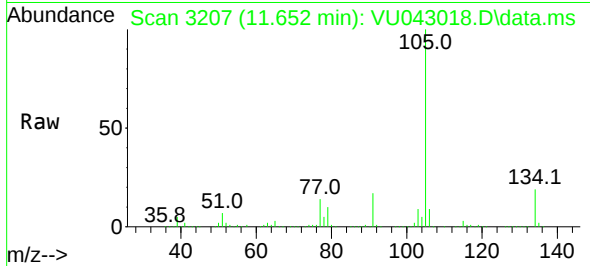
#85
 sec-Butylbenzene
 Concen: 162.12 ug/l
 RT: 11.652 min Scan# 3207
 Delta R.T. 0.000 min
 Lab File: VU043018.D
 Acq: 12 Apr 2021 12:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 1289844
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 30.0

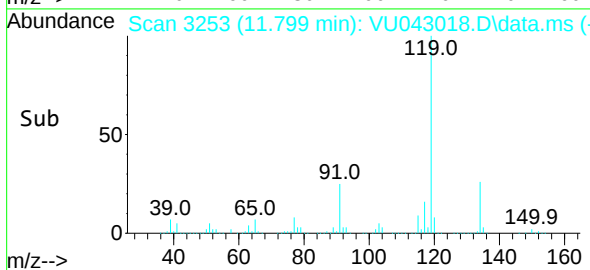
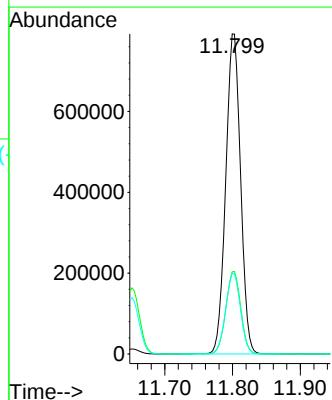
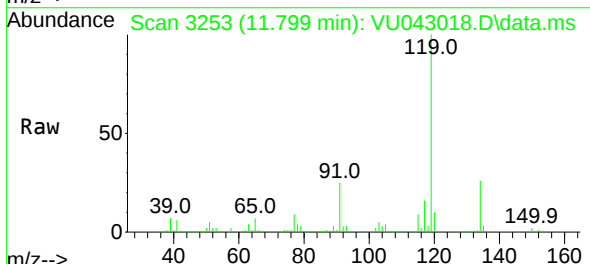
Manual Integrations
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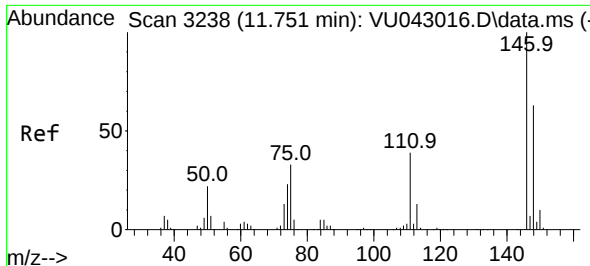
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#86
 p-Isopropyltoluene
 Concen: 163.47 ug/l
 RT: 11.799 min Scan# 3253
 Delta R.T. 0.000 min
 Lab File: VU043018.D
 Acq: 12 Apr 2021 12:05

Tgt Ion:119 Resp: 1202186
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.6
 91 25.3 12.8 38.3





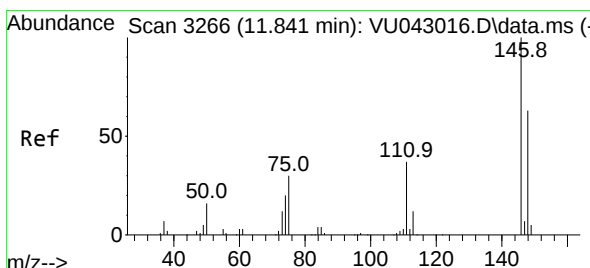
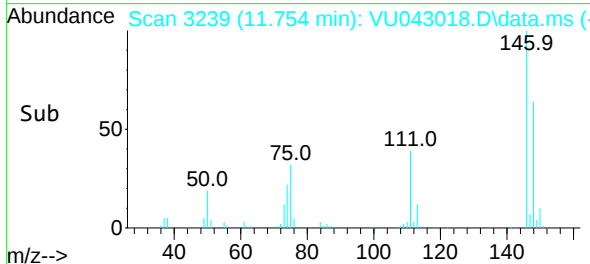
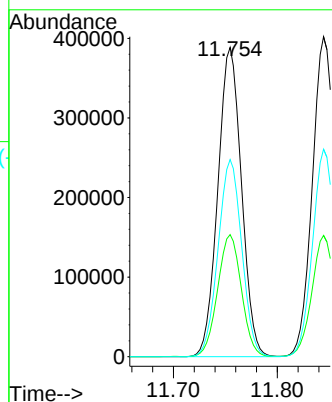
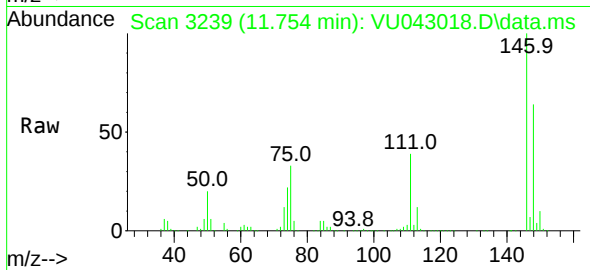
#87
1,3-Dichlorobenzene
Concen: 163.01 ug/l
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion:146 Resp: 614650
Ion Ratio Lower Upper
146 100
111 39.6 19.9 59.6
148 63.8 32.0 96.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

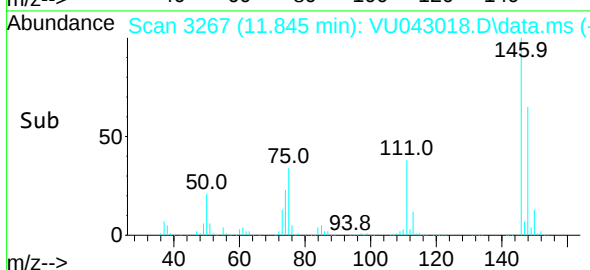
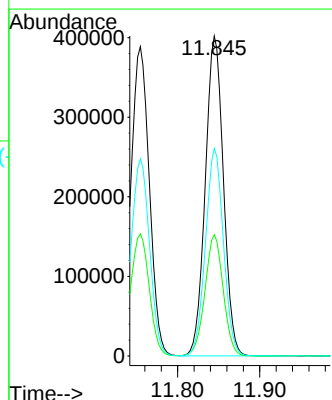
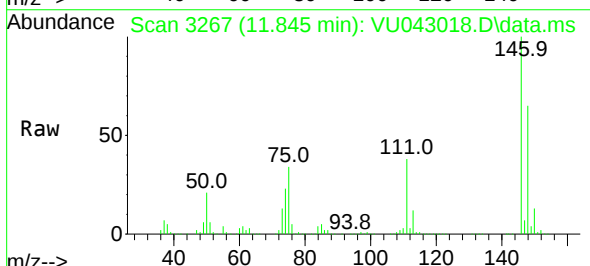
Manual Integrations
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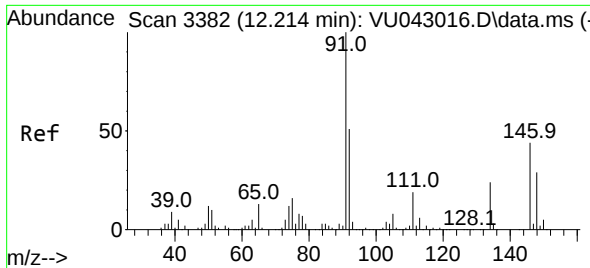
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#88
1,4-Dichlorobenzene
Concen: 159.35 ug/l
RT: 11.845 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion:146 Resp: 617941
Ion Ratio Lower Upper
146 100
111 38.1 19.7 59.0
148 64.6 32.8 98.3





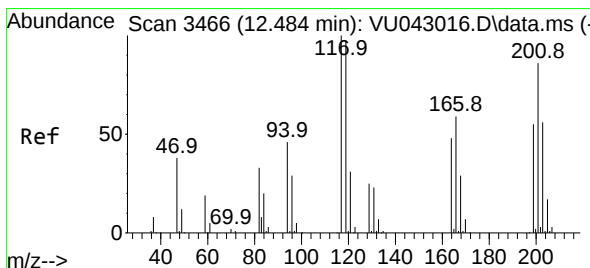
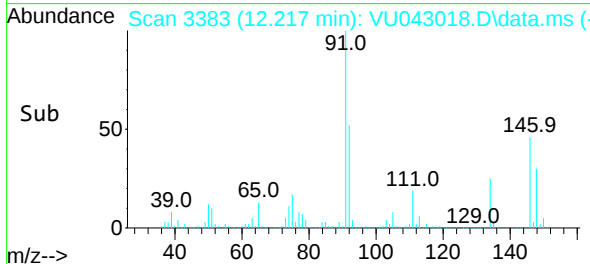
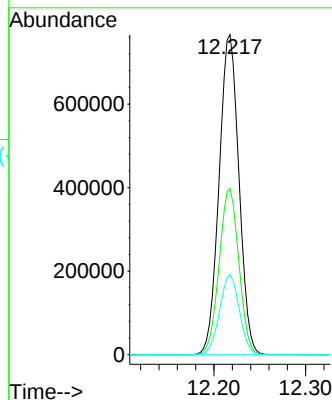
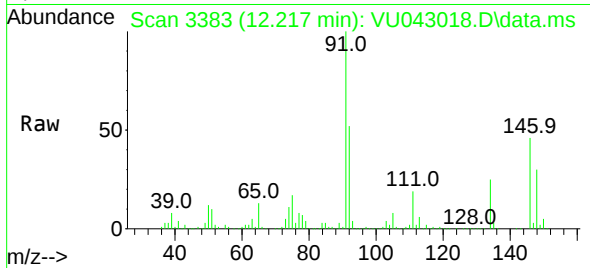
#89
n-Butylbenzene
Concen: 176.25 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 91 Resp: 1151087
Ion Ratio Lower Upper
91 100
92 51.7 26.2 78.6
134 24.9 12.7 38.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

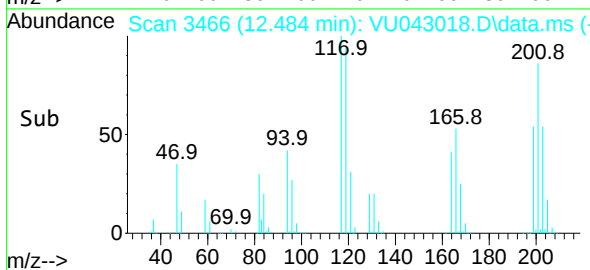
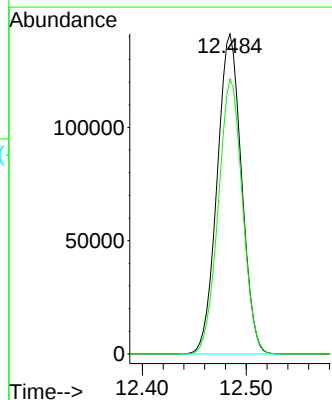
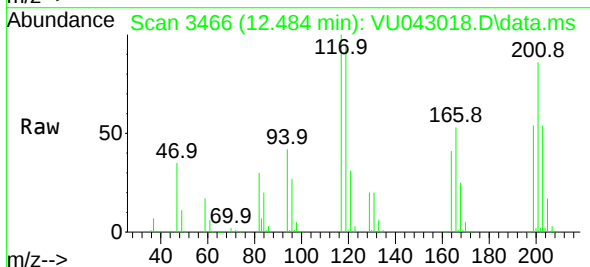
Manual Integrations
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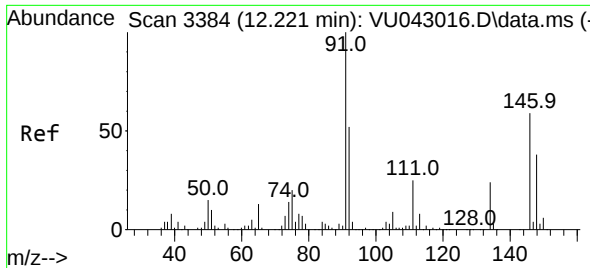
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#90
Hexachloroethane
Concen: 176.98 ug/l
RT: 12.484 min Scan# 3466
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion: 117 Resp: 230476
Ion Ratio Lower Upper
117 100
201 85.1 43.5 130.7





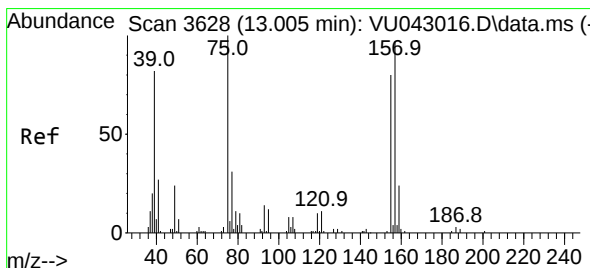
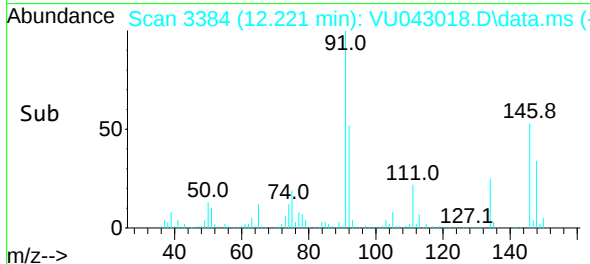
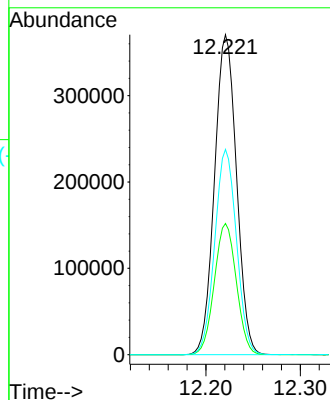
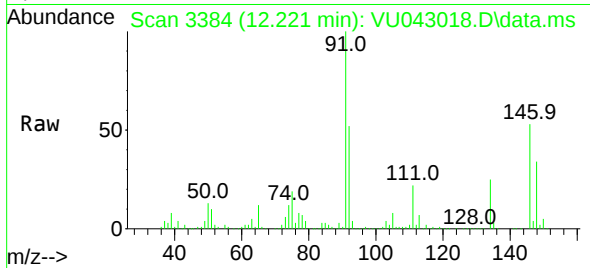
#91
1,2-Dichlorobenzene
Concen: 156.17 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

Tgt Ion:146 Resp: 599214
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.4
148 63.6 31.9 95.7

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

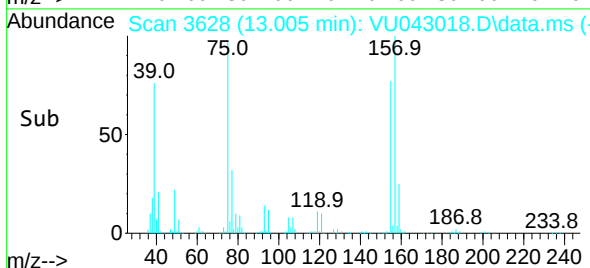
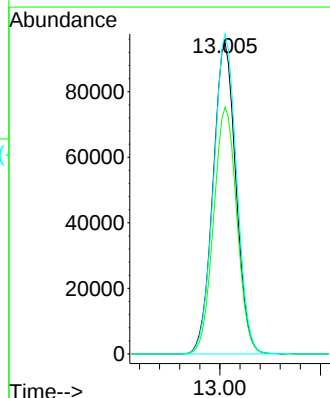
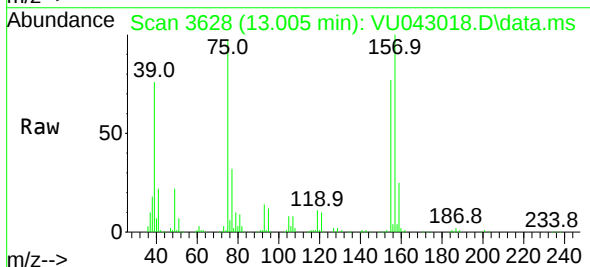
Manual Integrations
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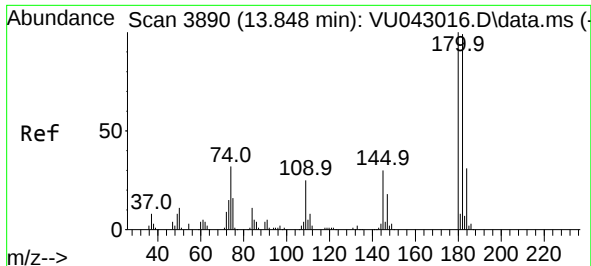
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#92
1,2-Dibromo-3-Chloropropane
Concen: 174.57 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

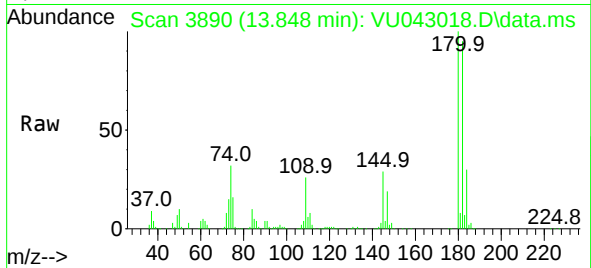
Tgt Ion: 75 Resp: 150451
Ion Ratio Lower Upper
75 100
155 80.3 41.7 125.1
157 103.5 53.9 161.7





#93
1,2,4-Trichlorobenzene
Concen: 179.81 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

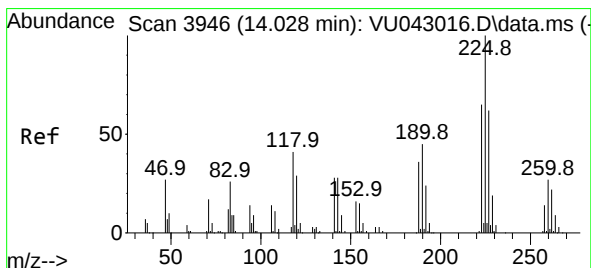
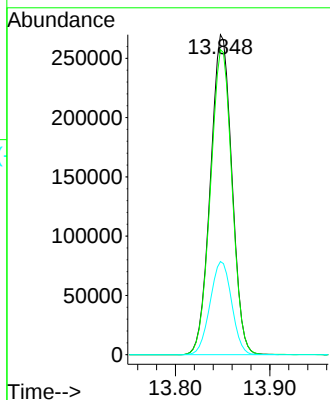
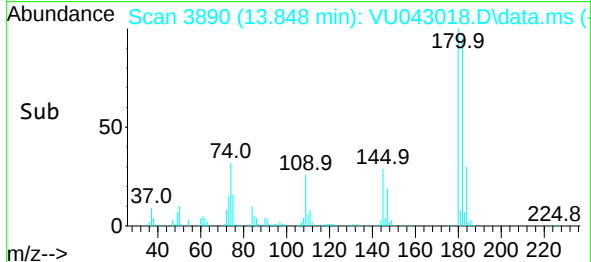
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



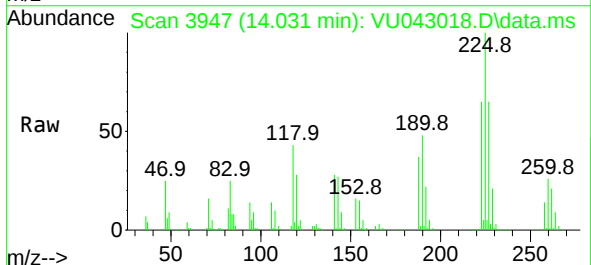
Tgt Ion:180 Resp: 424934
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.8
145 29.3 14.4 43.4

Manual Integrations
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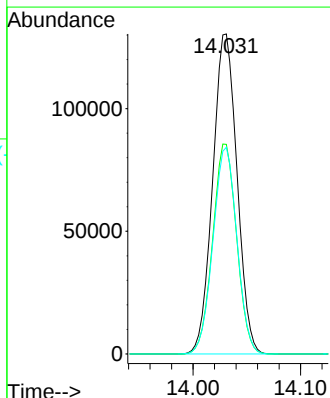
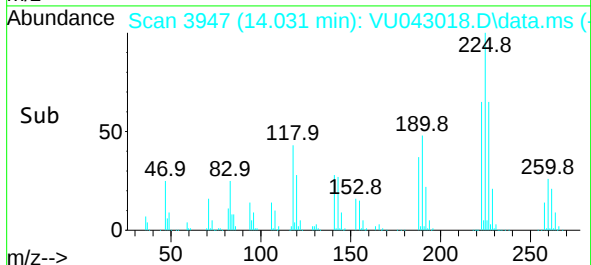
MMDadoda
4/13/2021 5:47:12 PM

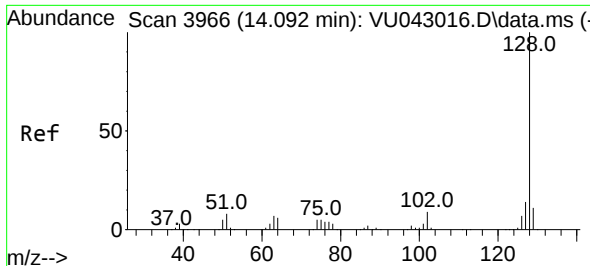


#94
Hexachlorobutadiene
Concen: 153.98 ug/l
RT: 14.031 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05

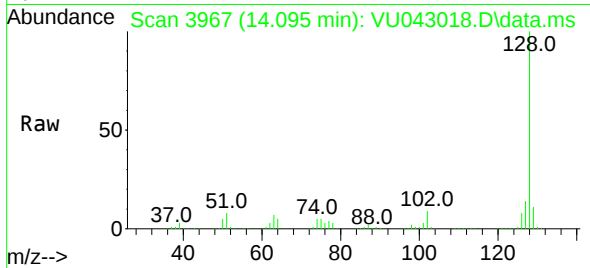


Tgt Ion:225 Resp: 204946
Ion Ratio Lower Upper
225 100
223 64.6 32.3 96.9
227 63.6 31.8 95.4

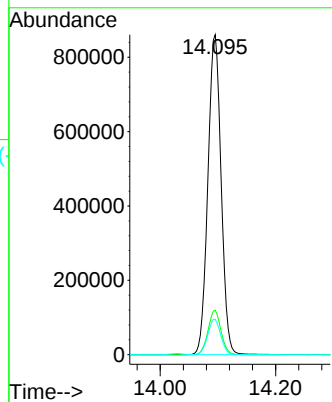
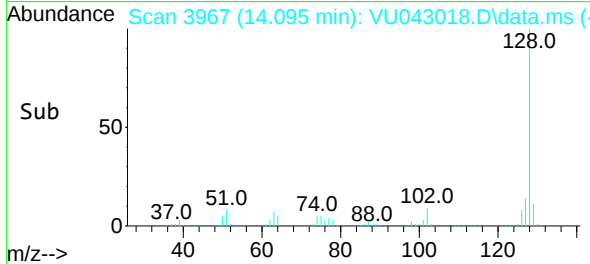




#95
Naphthalene
Concen: 201.48 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



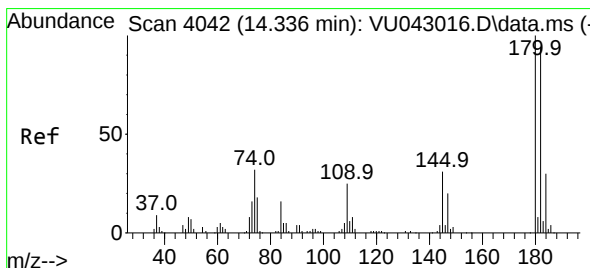
Tgt Ion:128 Resp: 1369486
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 11.0 8.6 13.0



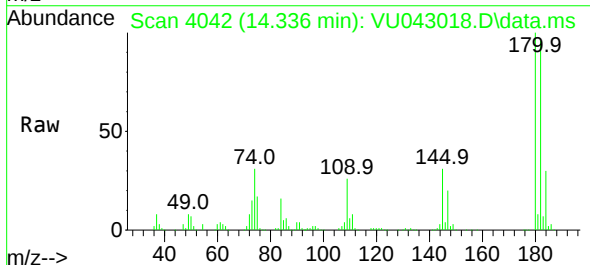
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 177.42 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043018.D
Acq: 12 Apr 2021 12:05



Tgt Ion:180 Resp: 411452
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.0
145 31.0 15.5 46.5

