

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021721\
 Data File : VU042323.D
 Acq On : 17 Feb 2021 12:19
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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 2/19/2021 2:40:45 PM

Quant Time: Feb 18 03:21:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 18 03:20:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	139510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	210989	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	198703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	107289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	40772	19.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.26%	
35) Dibromofluoromethane	5.298	113	27772	14.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	29.56%	
50) Toluene-d8	7.906	98	101698	14.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	29.44%	
62) 4-Bromofluorobenzene	10.642	95	38774	14.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	28.70%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	35262	23.05	ug/l	100
3) Chloromethane	1.523	50	33863	18.60	ug/l	100
4) Vinyl Chloride	1.607	62	33783	18.52	ug/l	98
5) Bromomethane	1.864	94	20449	20.16	ug/l	95
6) Chloroethane	1.938	64	20584	17.55	ug/l	98
7) Trichlorofluoromethane	2.144	101	52224	20.95	ug/l	96
8) Diethyl Ether	2.382	74	16099	15.47	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	26346	16.55	ug/l	98
10) Methyl Iodide	2.732	142	36242	25.11	ug/l	100
11) Tert butyl alcohol	3.250	59	41286	91.72	ug/l #	89
12) 1,1-Dichloroethene	2.588	96	24894	16.59	ug/l	97
13) Acrolein	2.498	56	23869	67.32	ug/l	98
14) Allyl chloride	2.932	41	56198	19.11	ug/l	97
15) Acrylonitrile	3.330	53	107500	97.14	ug/l	99
16) Acetone	2.649	43	139516	123.33	ug/l	99
17) Carbon Disulfide	2.800	76	76320	21.55	ug/l	98
18) Methyl Acetate	2.961	43	48242	18.21	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	97302	17.84	ug/l	98
20) Methylene Chloride	3.057	84	30013	15.55	ug/l	99
21) trans-1,2-Dichloroethene	3.362	96	28681	18.06	ug/l	96
22) Diisopropyl ether	4.005	45	108852	19.27	ug/l	99
23) Vinyl Acetate	3.967	43	513525	108.76	ug/l	99
24) 1,1-Dichloroethane	3.880	63	56066	16.83	ug/l	99
25) 2-Butanone	4.719	43	179568	119.40	ug/l	98
26) 2,2-Dichloropropane	4.677	77	52098	19.10	ug/l	100
27) cis-1,2-Dichloroethene	4.677	96	32478	16.95	ug/l	98
28) Bromochloromethane	4.983	49	28825	18.68	ug/l	99
29) Tetrahydrofuran	5.070	42	107943	117.70	ug/l	99
30) Chloroform	5.102	83	58226	17.14	ug/l	97
31) Cyclohexane	5.398	56	54884	21.58	ug/l	95
32) 1,1,1-Trichloroethane	5.327	97	51828	18.74	ug/l	98
36) 1,1-Dichloropropene	5.536	75	42713	18.77	ug/l	99
37) Ethyl Acetate	4.816	43	62064	22.31	ug/l	99
38) Carbon Tetrachloride	5.533	117	45765	18.77	ug/l	99
39) Methylcyclohexane	6.771	83	51211	20.91	ug/l	99
40) Benzene	5.784	78	120873	16.82	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	33659	22.90	ug/l	98
42) 1,2-Dichloroethane	5.806	62	51928	20.11	ug/l	100
43) Isopropyl Acetate	5.922	43	95456	22.18	ug/l	99
44) Trichloroethene	6.552	130	31751	16.00	ug/l	97
45) 1,2-Dichloropropane	6.800	63	33700	16.18	ug/l	95
46) Dibromomethane	6.928	93	23183	17.42	ug/l	97
47) Bromodichloromethane	7.115	83	45763	16.78	ug/l	99
48) Methyl methacrylate	6.970	41	48229	23.33	ug/l	99
49) 1,4-Dioxane	7.018	88	19840	445.84	ug/l #	59
51) 4-Methyl-2-Pentanone	7.803	43	320861	108.09	ug/l	99
52) Toluene	7.980	92	75751	16.89	ug/l	100
53) t-1,3-Dichloropropene	8.221	75	50364	17.74	ug/l	100
54) cis-1,3-Dichloropropene	7.616	75	52730	17.06	ug/l	98
55) 1,1,2-Trichloroethane	8.410	97	31696	15.70	ug/l	96
56) Ethyl methacrylate	8.343	69	51560	18.59	ug/l	98
57) 1,3-Dichloropropane	8.584	76	53563	16.14	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.475	63	82464	90.39	ug/l	99
59) 2-Hexanone	8.697	43	265549	118.25	ug/l	100
60) Dibromochloromethane	8.819	129	35711	16.30	ug/l	98
61) 1,2-Dibromoethane	8.935	107	34582	17.20	ug/l	98
64) Tetrachloroethene	8.562	164	31222	18.36	ug/l	97
65) Chlorobenzene	9.455	112	81077	16.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.545	131	31363	16.62	ug/l	98
67) Ethyl Benzene	9.578	91	149358	18.44	ug/l	99
68) m/p-Xylenes	9.703	106	109439	36.19	ug/l	100
69) o-Xylene	10.108	106	52954	17.91	ug/l	98
70) Styrene	10.124	104	88324	17.20	ug/l	99
71) Bromoform	10.301	173	29001	17.47	ug/l #	99
73) Isopropylbenzene	10.494	105	145668	20.79	ug/l	99
74) N-amyl acetate	10.330	43	82020	27.05	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.793	83	54429	19.11	ug/l	99
76) 1,2,3-Trichloropropane	10.835	75	54038m	22.37	ug/l	
77) Bromobenzene	10.793	156	37795	19.34	ug/l	98
78) n-propylbenzene	10.915	91	170290	21.01	ug/l	99
79) 2-Chlorotoluene	10.996	91	100827	20.36	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	125522	21.41	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	18194	24.19	ug/l	94
82) 4-Chlorotoluene	11.105	91	120786	21.19	ug/l	99
83) tert-Butylbenzene	11.430	119	121683	20.68	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	126205	21.40	ug/l	98
85) sec-Butylbenzene	11.651	105	145020	21.00	ug/l	100
86) p-Isopropyltoluene	11.803	119	132695	20.82	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	67601	19.04	ug/l	99
88) 1,4-Dichlorobenzene	11.848	146	68111	18.42	ug/l	98
89) n-Butylbenzene	12.217	91	118733	21.44	ug/l	99
90) Hexachloroethane	12.484	117	23076	21.86	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	67559	19.27	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	15477	27.72	ug/l	95
93) 1,2,4-Trichlorobenzene	13.851	180	44727	21.72	ug/l	98
94) Hexachlorobutadiene	14.031	225	25288	20.54	ug/l	97
95) Naphthalene	14.095	128	126942	22.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.339	180	43886	20.52	ug/l	97

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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

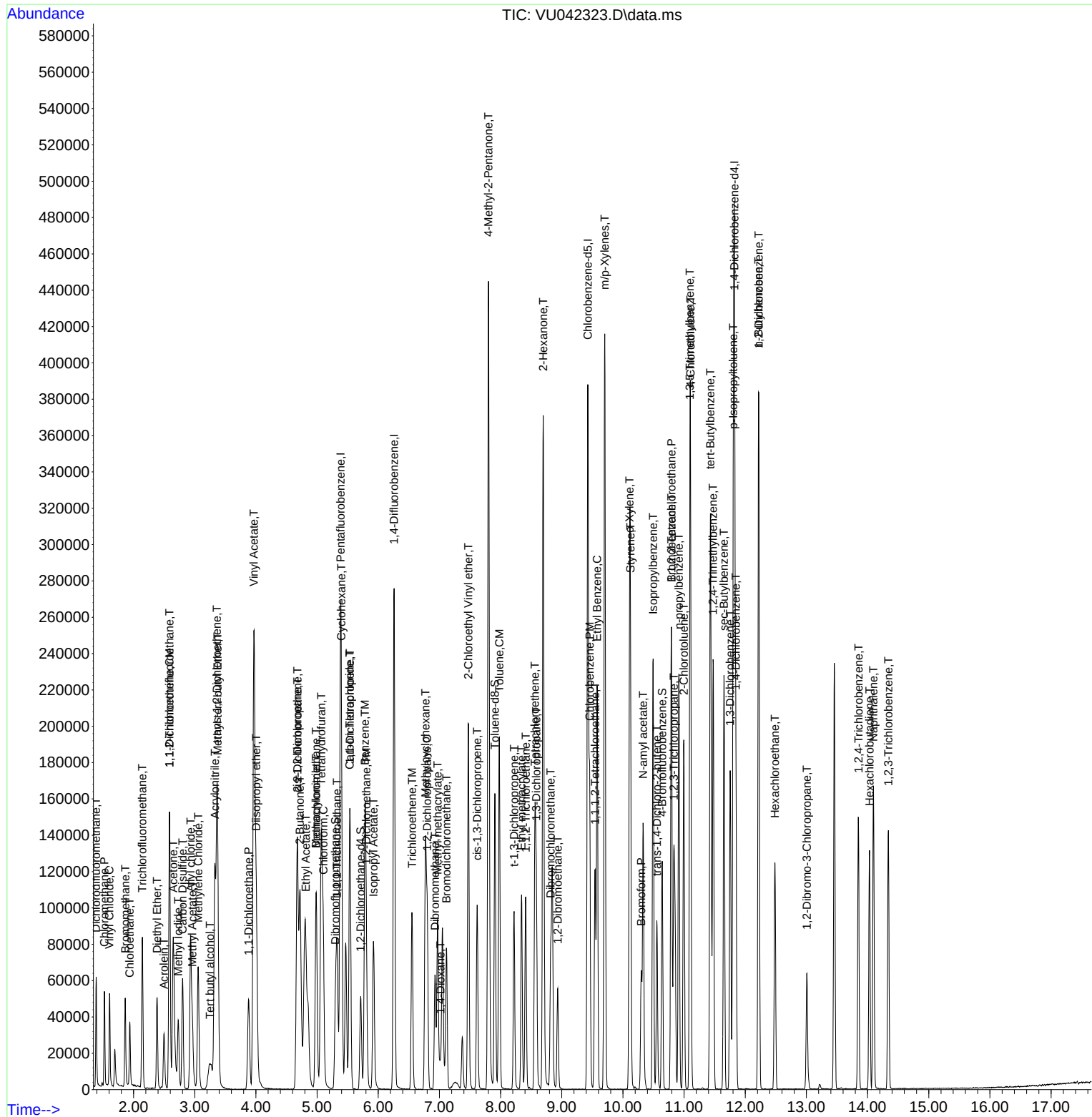
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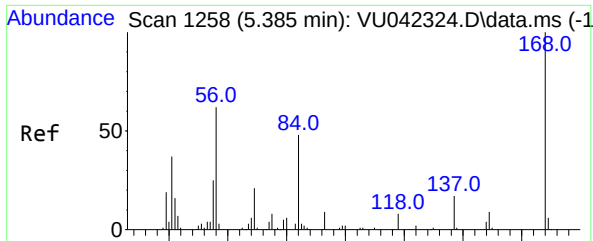
Instrument :
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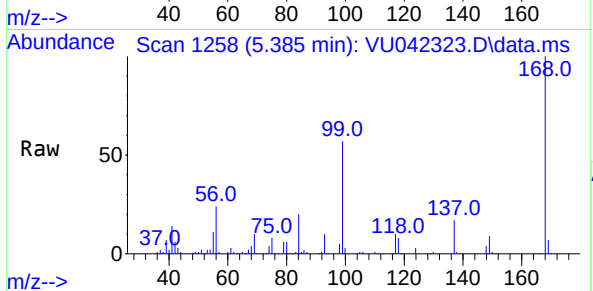
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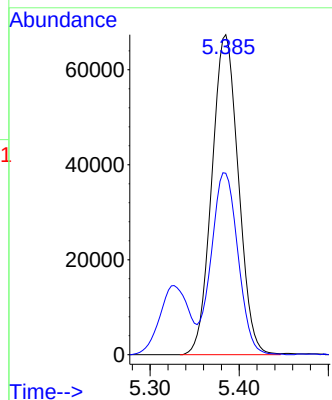
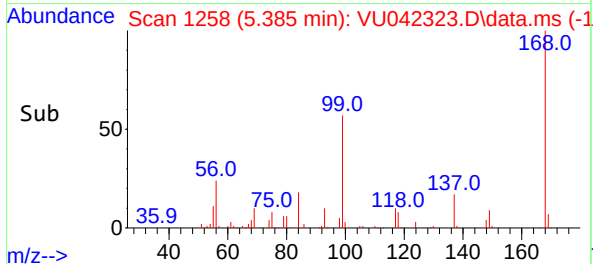




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042323.D
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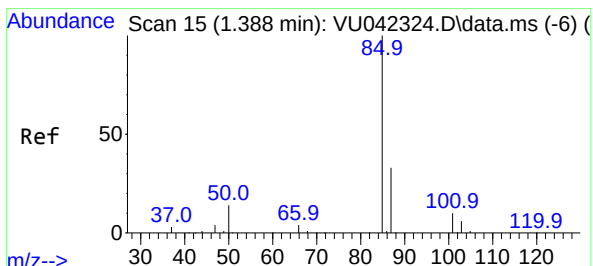
Tgt Ion:168 Resp: 139510
Ion Ratio Lower Upper
168 100
99 56.5 45.0 67.4



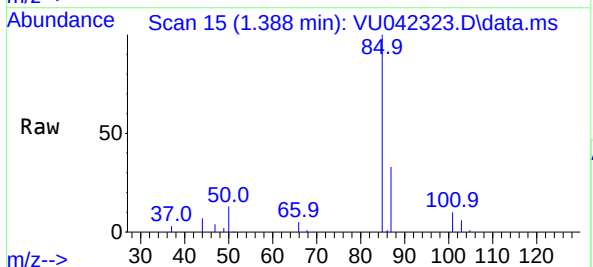
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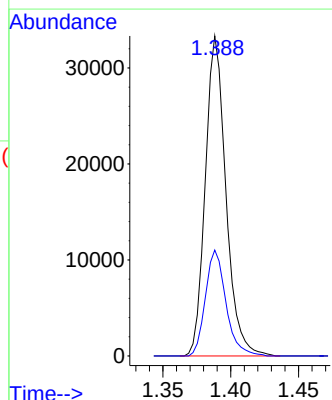
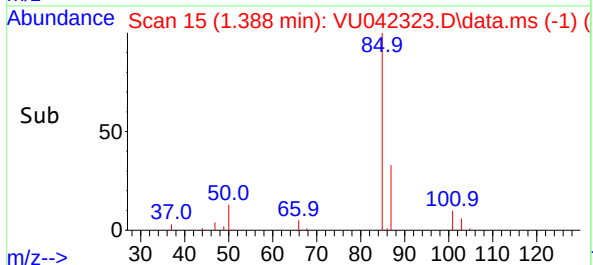
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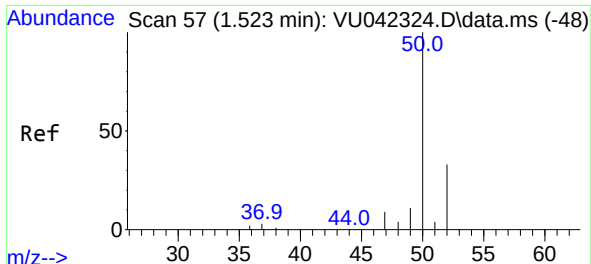


#2
Dichlorodifluoromethane
Concen: 23.05 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



Tgt Ion: 85 Resp: 35262
Ion Ratio Lower Upper
85 100
87 33.1 16.5 49.5





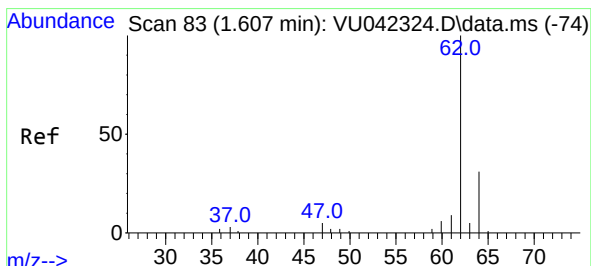
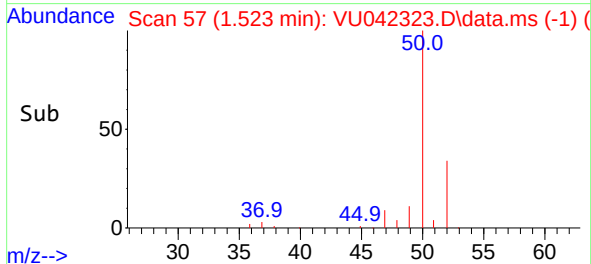
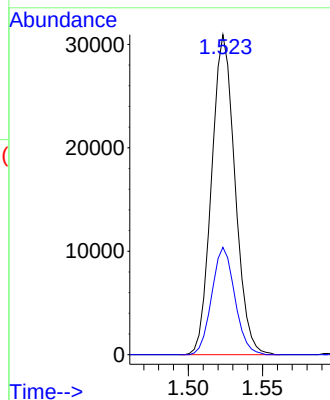
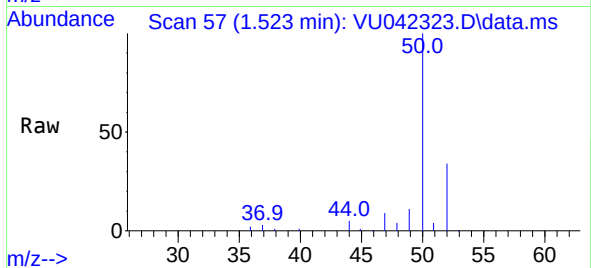
#3
Chloromethane
Concen: 18.60 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 50 Resp: 33863
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0

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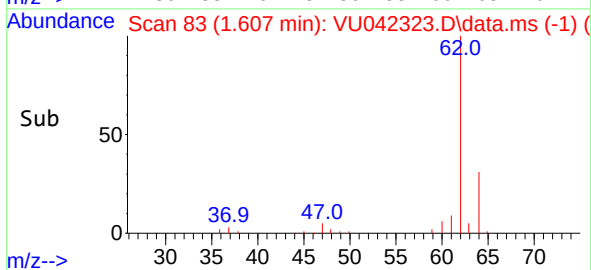
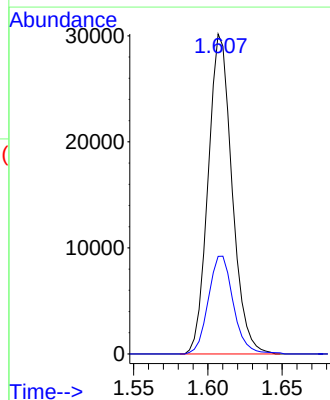
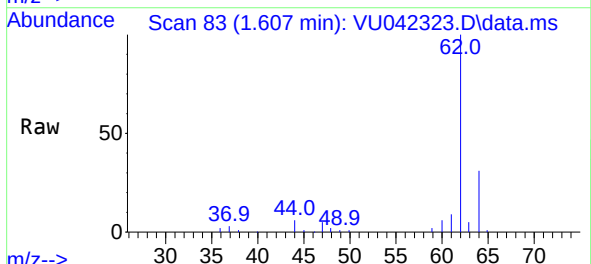
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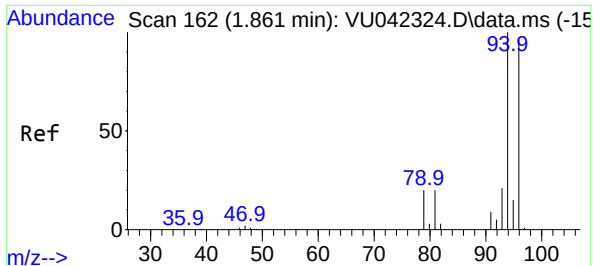
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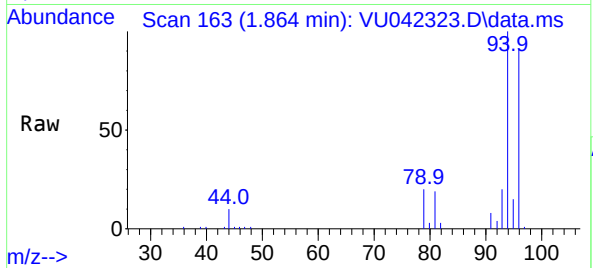
#4
Vinyl Chloride
Concen: 18.52 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 62 Resp: 33783
Ion Ratio Lower Upper
62 100
64 30.5 25.2 37.8

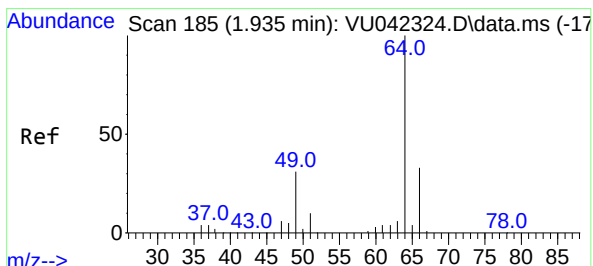
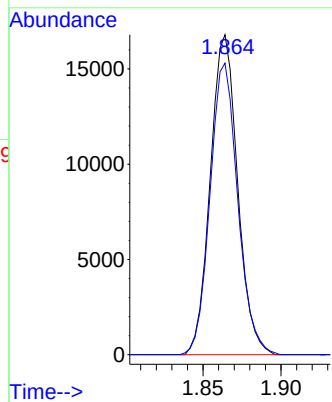
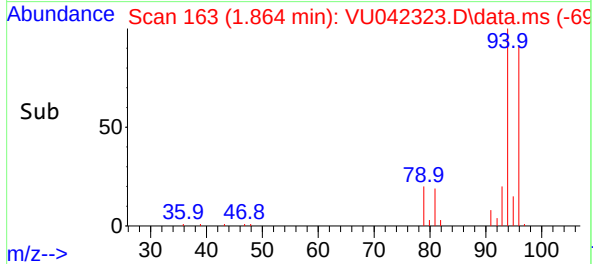




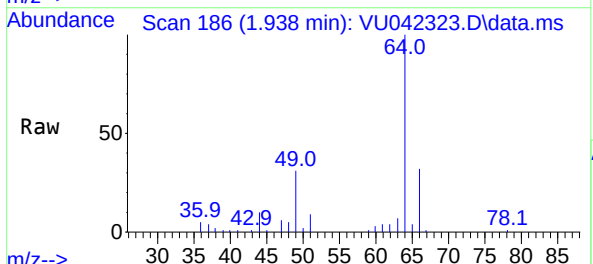
#5
Bromomethane
Concen: 20.16 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



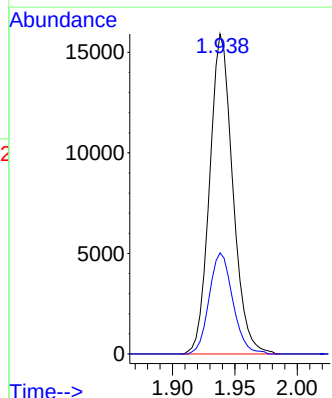
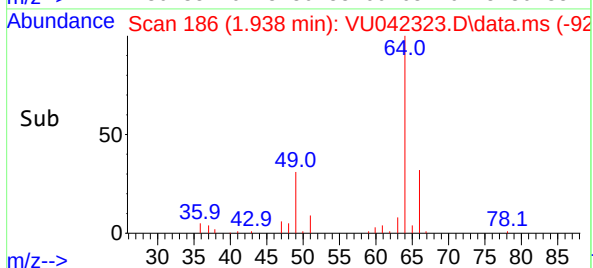
Tgt Ion: 94 Resp: 20449
Ion Ratio Lower Upper
94 100
96 91.1 76.6 115.0



#6
Chloroethane
Concen: 17.55 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU042323.D
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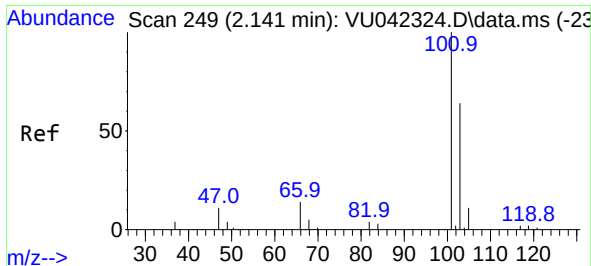
Tgt Ion: 64 Resp: 20584
Ion Ratio Lower Upper
64 100
66 31.6 26.4 39.6



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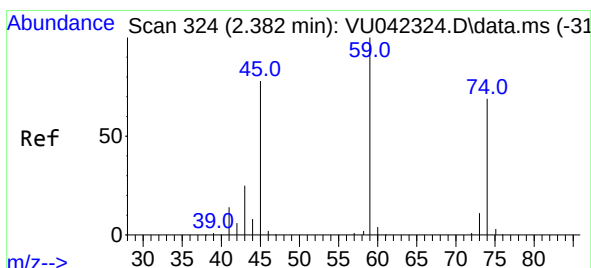
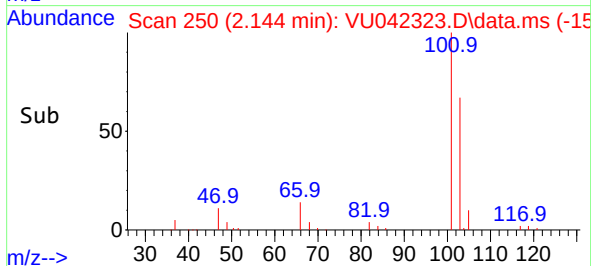
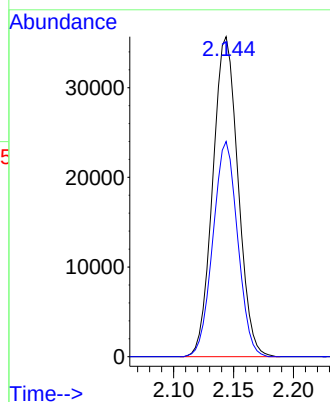
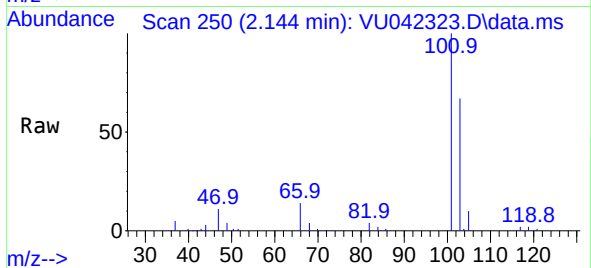
#7
Trichlorofluoromethane
Concen: 20.95 ug/l
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:101 Resp: 52224
Ion Ratio Lower Upper
101 100
103 67.2 51.3 76.9

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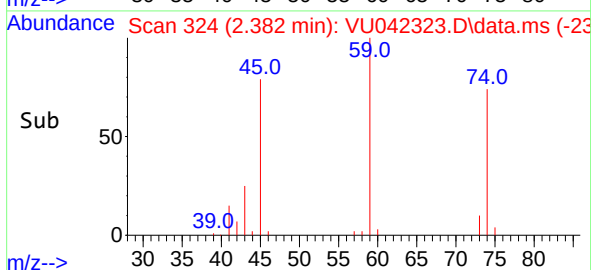
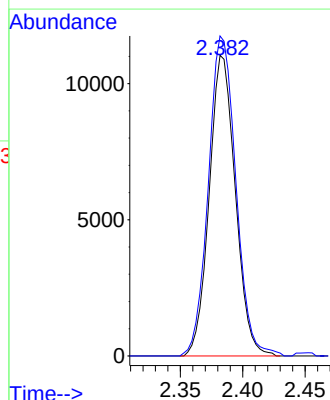
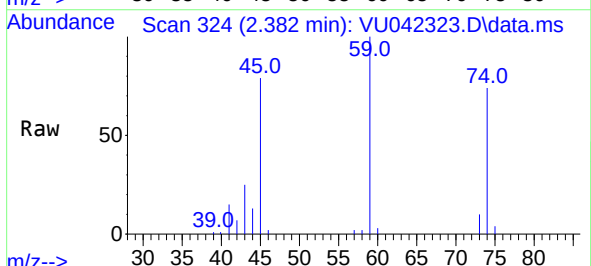
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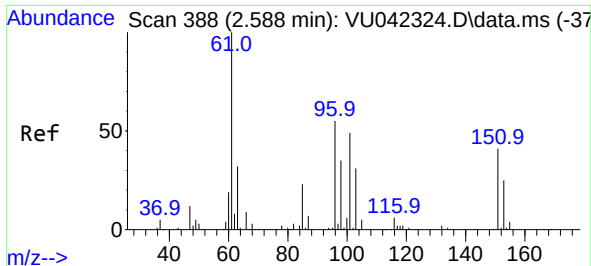
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#8
Diethyl Ether
Concen: 15.47 ug/l
RT: 2.382 min Scan# 324
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 74 Resp: 16099
Ion Ratio Lower Upper
74 100
45 112.2 56.9 170.6





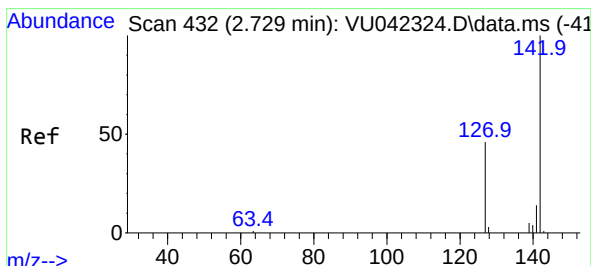
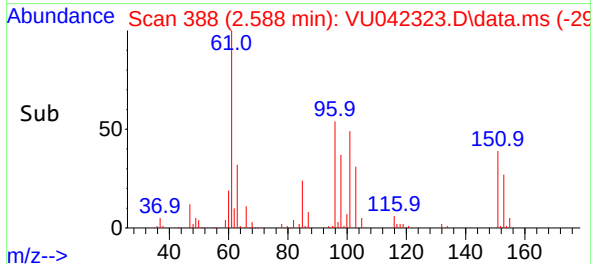
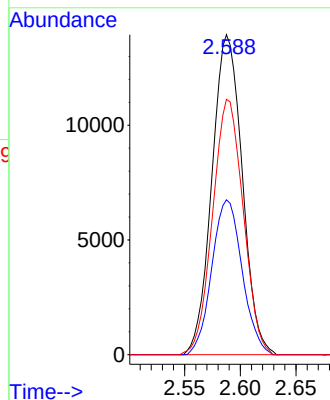
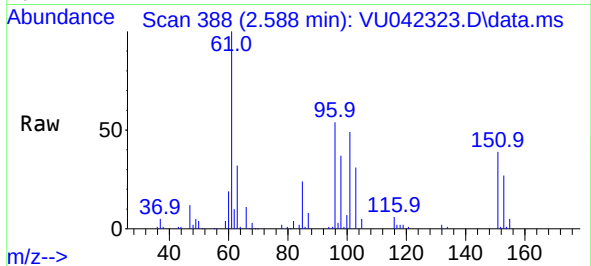
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.55 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:	101	Resp:	26346
Ion	Ratio	Lower	Upper
101	100		
85	48.5	37.4	56.0
151	80.6	65.8	98.8

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

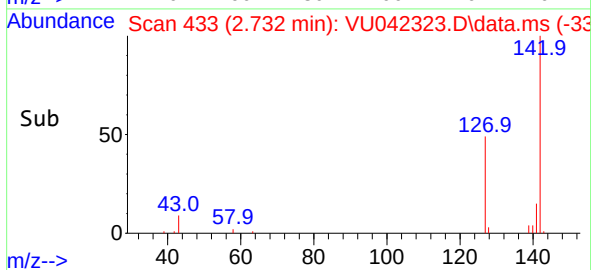
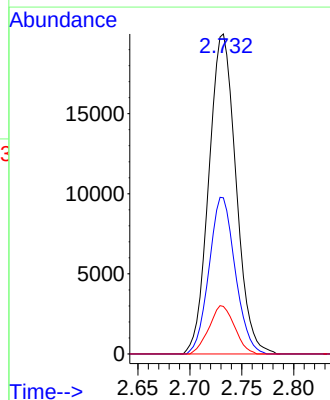
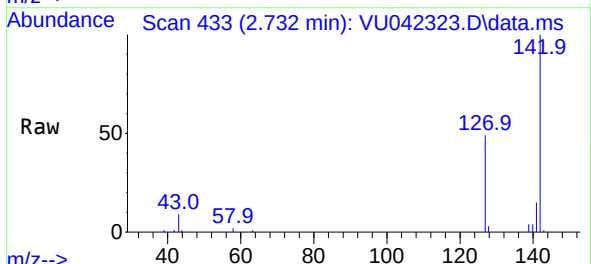
Manual Integrations
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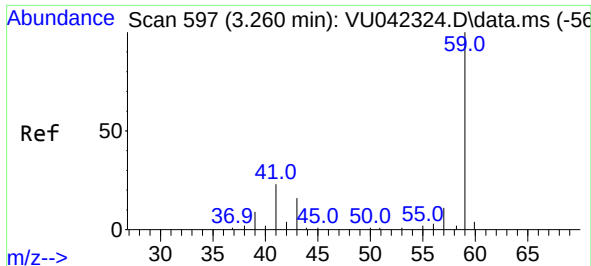
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#10
Methyl Iodide
Concen: 25.11 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:	142	Resp:	36242
Ion	Ratio	Lower	Upper
142	100		
127	47.1	37.8	56.6
141	14.2	11.8	17.6





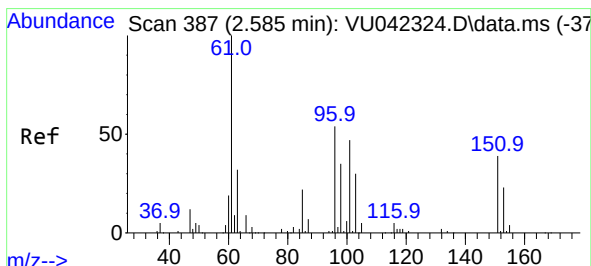
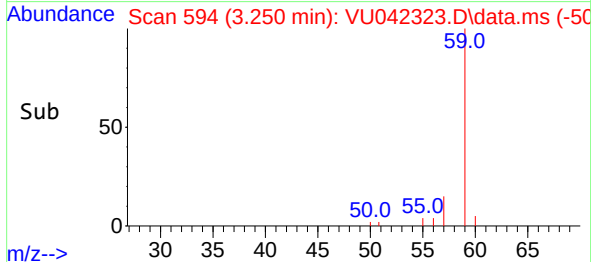
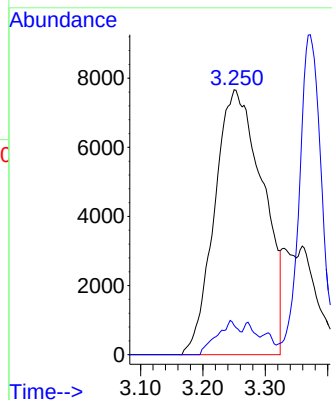
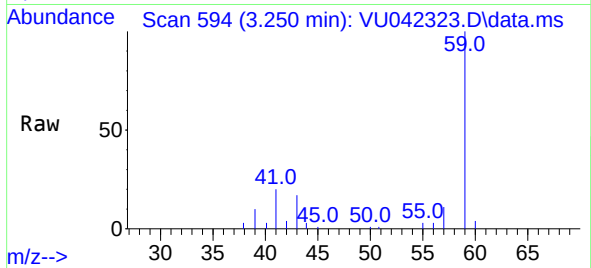
#11
Tert butyl alcohol
Concen: 91.72 ug/l
RT: 3.250 min Scan# 594
Delta R.T. -0.010 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 59 Resp: 41286
Ion Ratio Lower Upper
59 100
57 5.9 1.6 2.4#

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

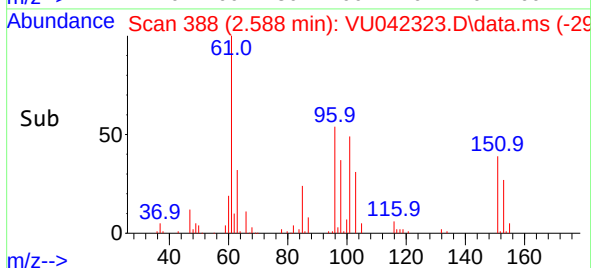
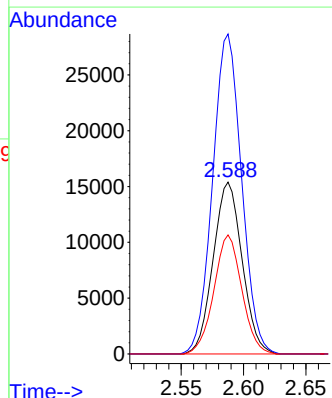
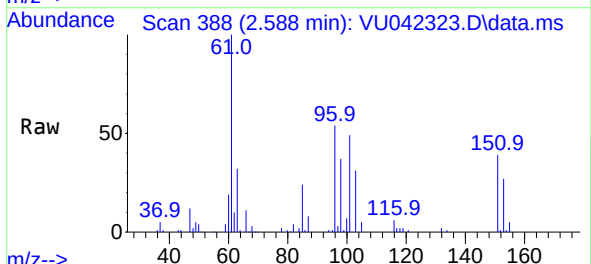
Manual Integrations
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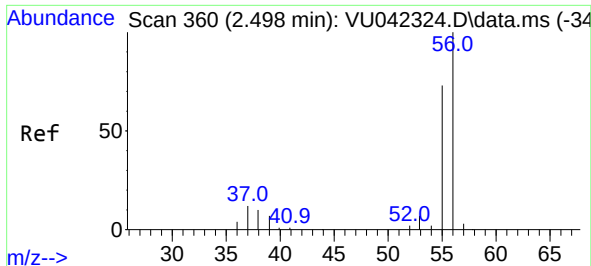
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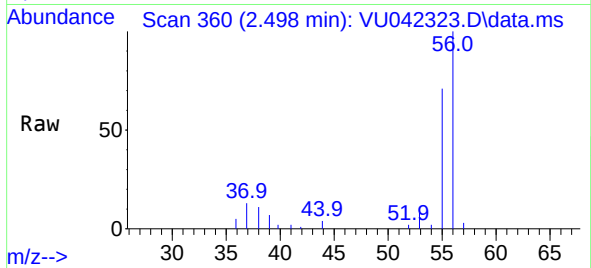
#12
1,1-Dichloroethene
Concen: 16.59 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 96 Resp: 24894
Ion Ratio Lower Upper
96 100
61 186.2 147.4 221.0
98 69.3 51.4 77.2

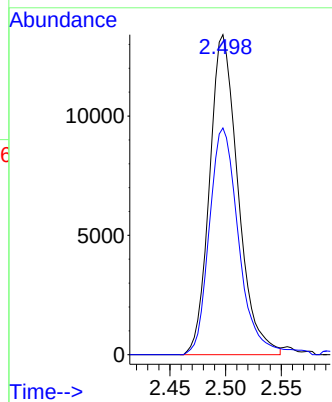
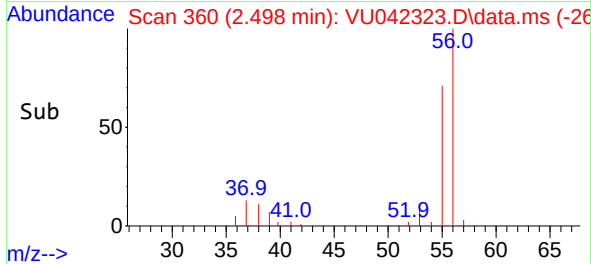




#13
Acrolein
Concen: 67.32 ug/l
RT: 2.498 min Scan# 360
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



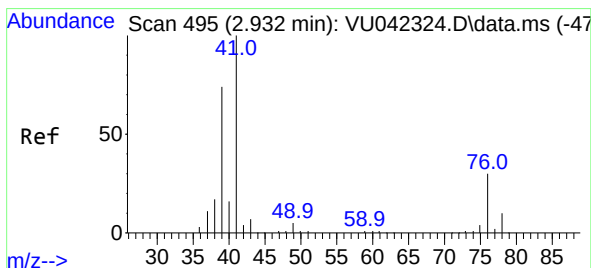
Tgt Ion: 56 Resp: 23869
Ion Ratio Lower Upper
56 100
55 73.6 57.3 85.9



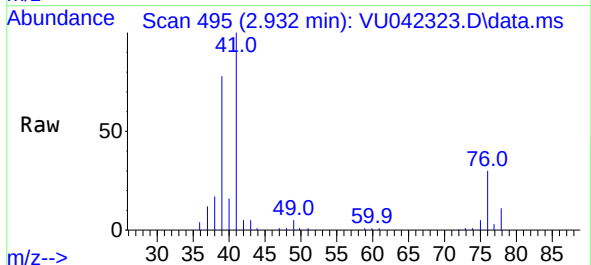
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

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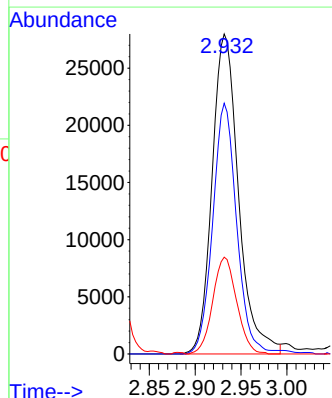
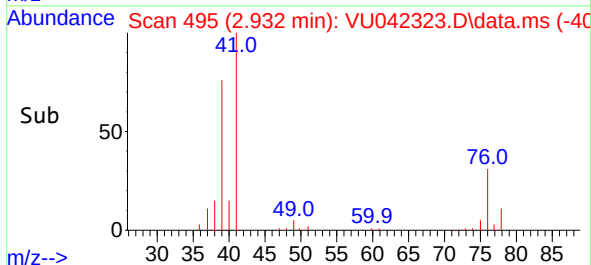
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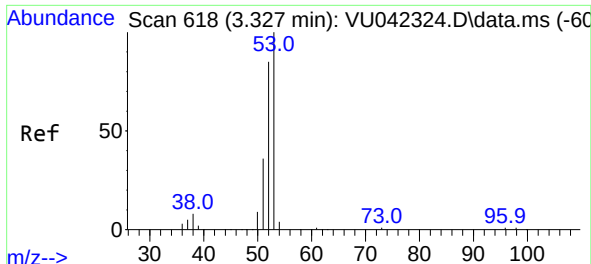


#14
Allyl chloride
Concen: 19.11 ug/l
RT: 2.932 min Scan# 495
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



Tgt Ion: 41 Resp: 56198
Ion Ratio Lower Upper
41 100
39 71.2 54.9 82.3
76 27.3 22.5 33.7





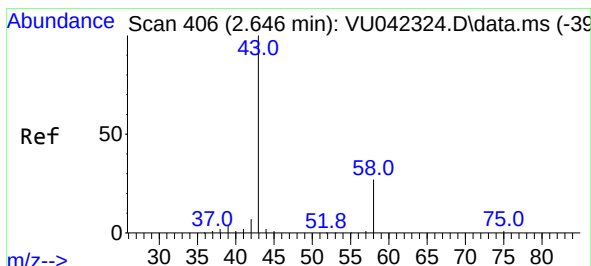
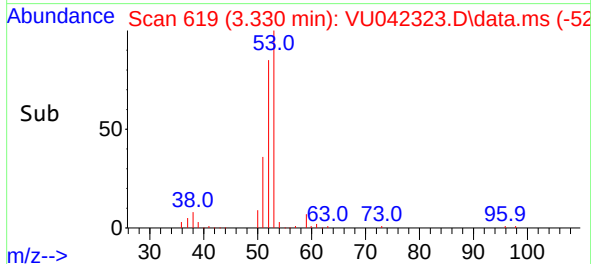
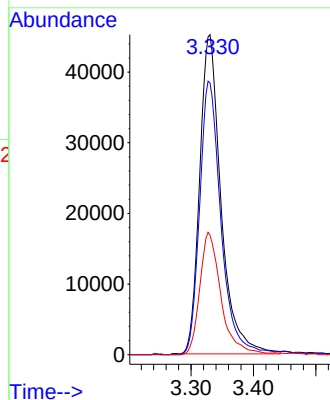
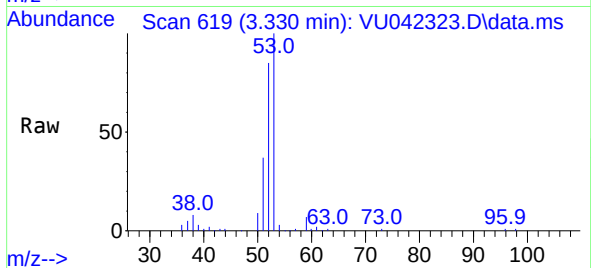
#15
Acrylonitrile
Concen: 97.14 ug/l
RT: 3.330 min Scan# 619
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 53 Resp: 107500
Ion Ratio Lower Upper
53 100
52 85.9 68.2 102.2
51 38.1 29.2 43.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

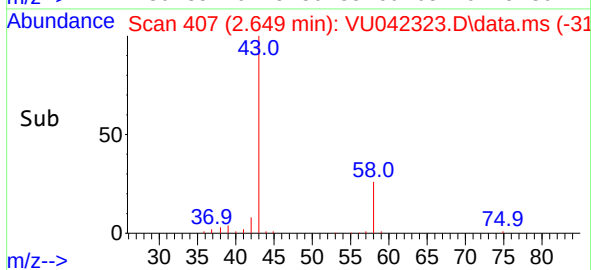
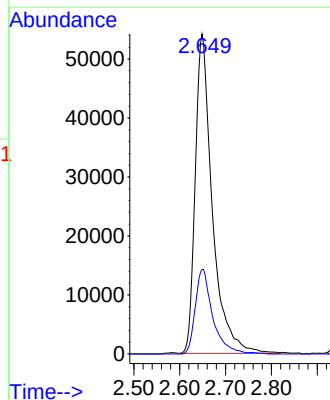
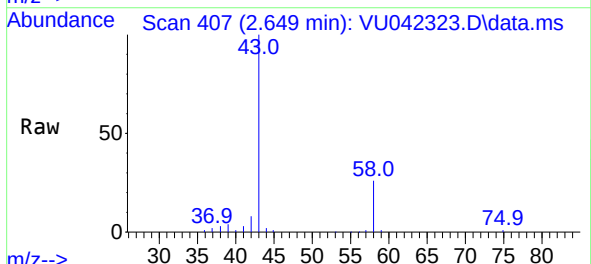
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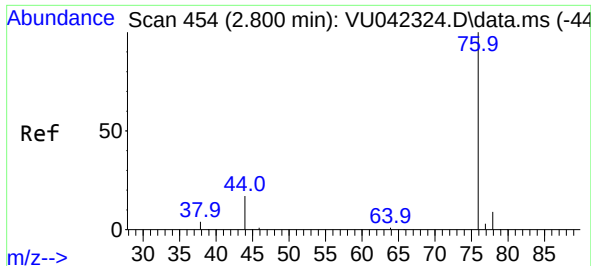
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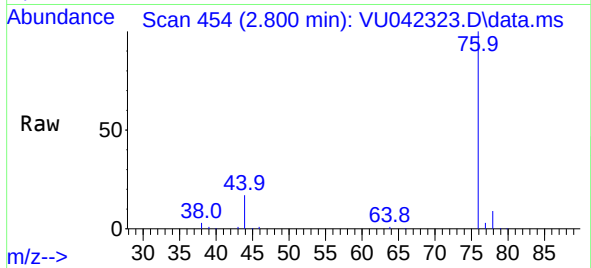
#16
Acetone
Concen: 123.33 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 43 Resp: 139516
Ion Ratio Lower Upper
43 100
58 26.5 21.5 32.3

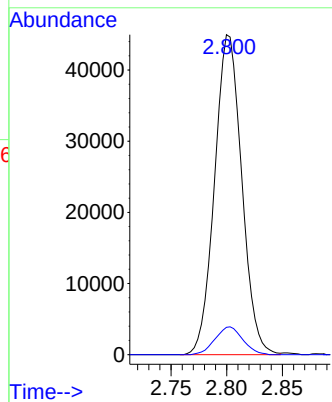
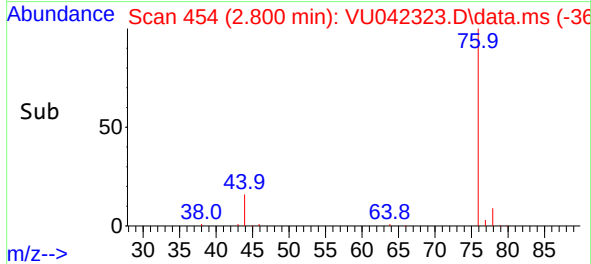




#17
Carbon Disulfide
Concen: 21.55 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



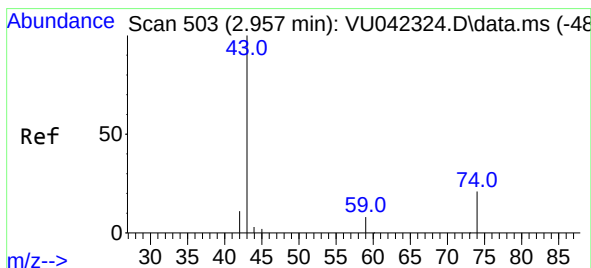
Tgt Ion: 76 Resp: 76320
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



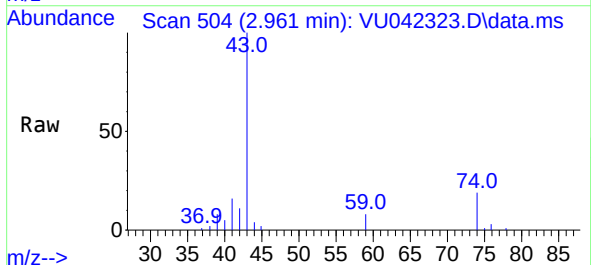
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

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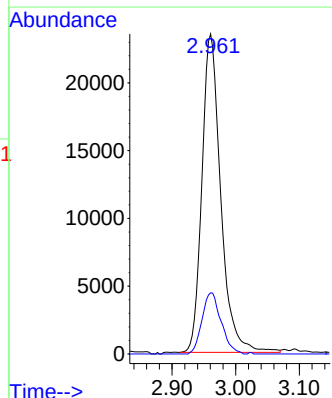
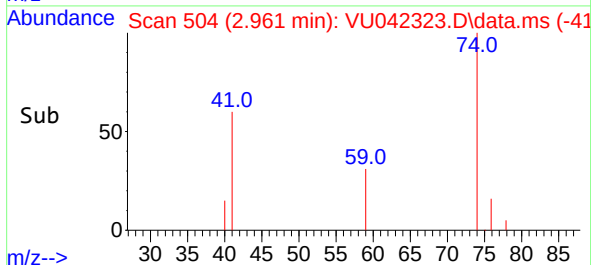
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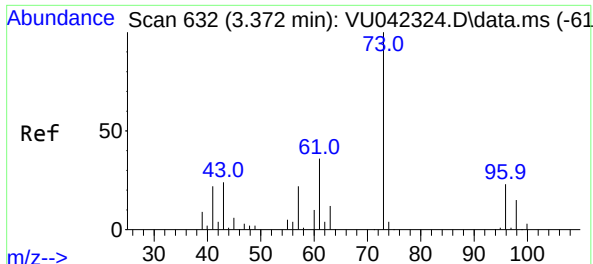


#18
Methyl Acetate
Concen: 18.21 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



Tgt Ion: 43 Resp: 48242
Ion Ratio Lower Upper
43 100
74 19.5 16.6 25.0





#19

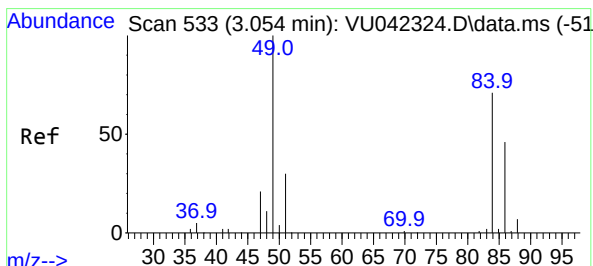
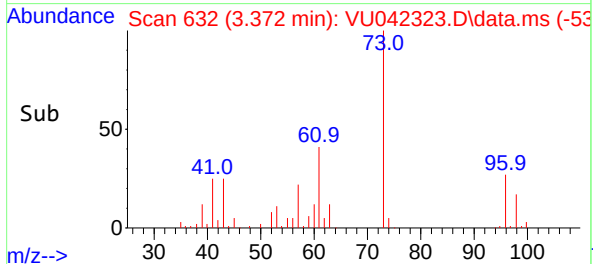
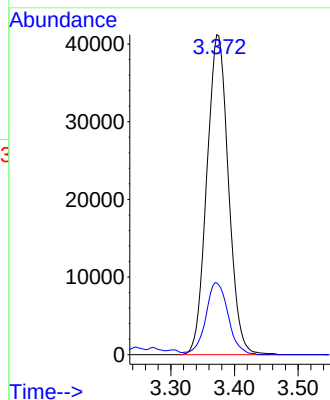
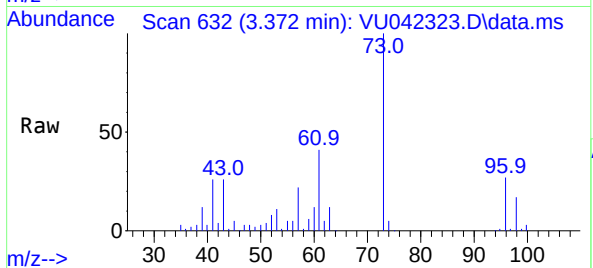
Methyl tert-butyl Ether
Concen: 17.84 ug/l
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 73 Resp: 97302
Ion Ratio Lower Upper
73 100
57 22.5 18.8 28.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
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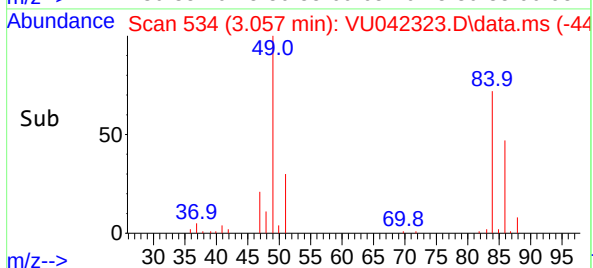
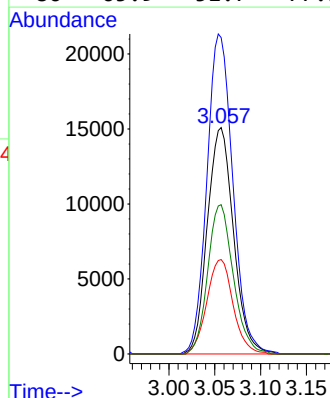
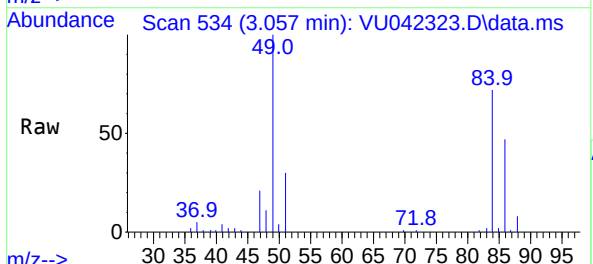
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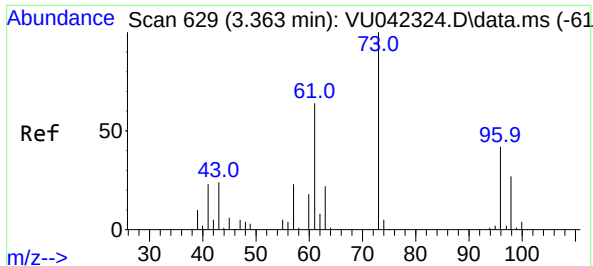


#20

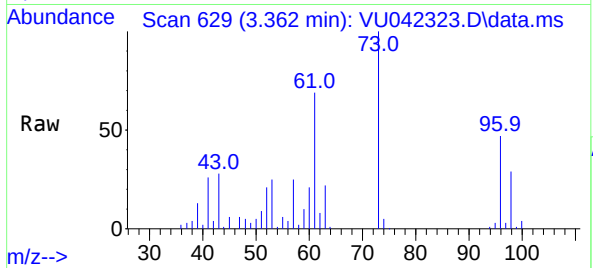
Methylene Chloride
Concen: 15.55 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 84 Resp: 30013
Ion Ratio Lower Upper
84 100
49 139.7 112.6 169.0
51 41.7 33.7 50.5
86 65.9 51.7 77.5

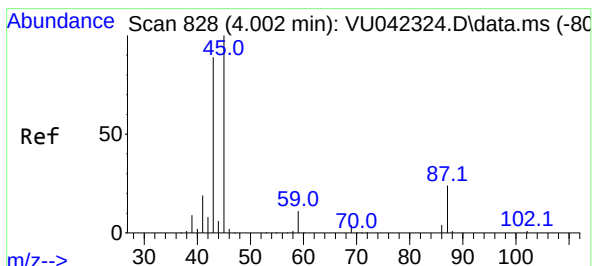
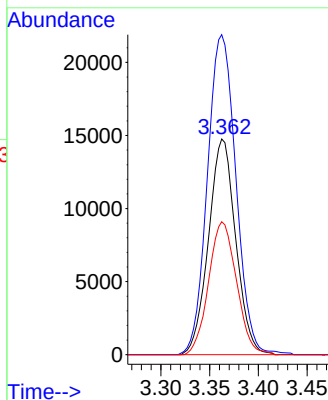
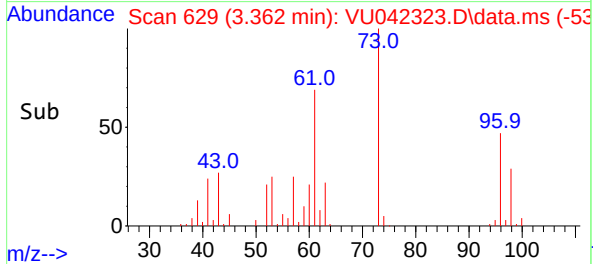




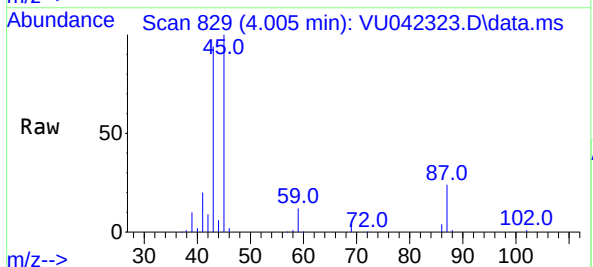
#21
trans-1,2-Dichloroethene
Concen: 18.06 ug/l
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



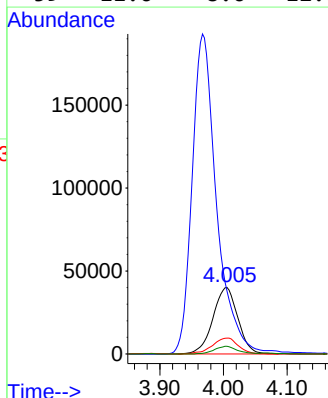
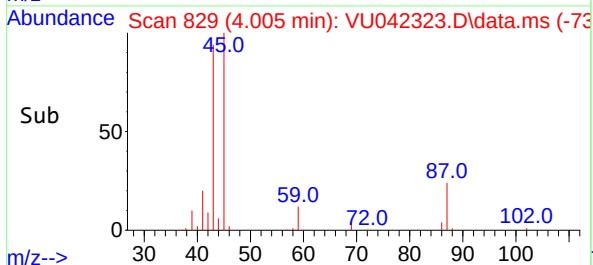
Tgt Ion: 96 Resp: 28681
Ion Ratio Lower Upper
96 100
61 148.3 122.4 183.6
98 61.6 51.9 77.9



#22
Diisopropyl ether
Concen: 19.27 ug/l
RT: 4.005 min Scan# 829
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



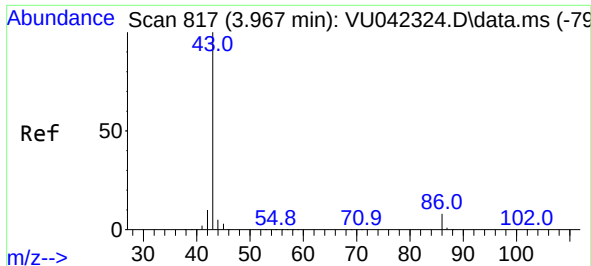
Tgt Ion: 45 Resp: 108852
Ion Ratio Lower Upper
45 100
43 90.3 73.0 109.6
87 23.9 19.5 29.3
59 11.6 8.6 12.8



Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

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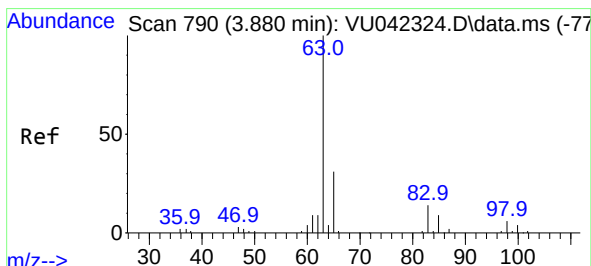
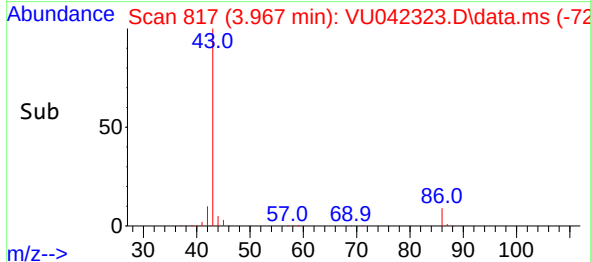
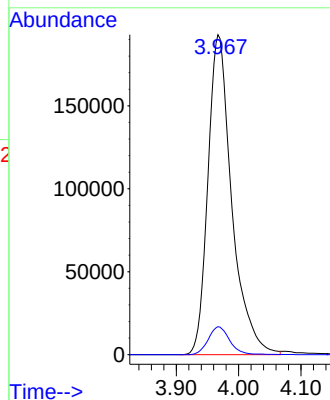
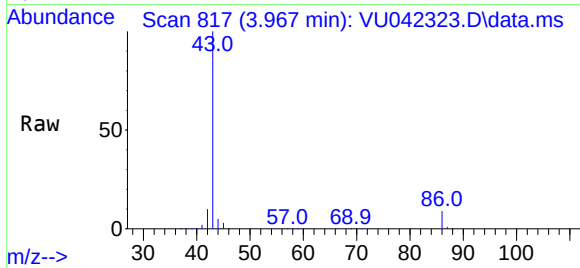
#23
 Vinyl Acetate
 Concen: 108.76 ug/l
 RT: 3.967 min Scan# 817
 Delta R.T. -0.000 min
 Lab File: VU042323.D
 Acq: 17 Feb 2021 12:19

Tgt Ion: 43 Resp: 513525
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.7 10.1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

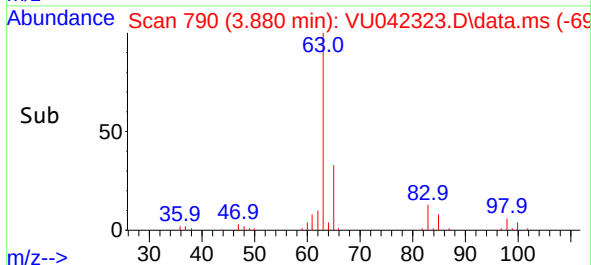
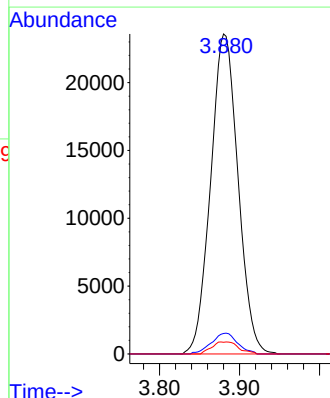
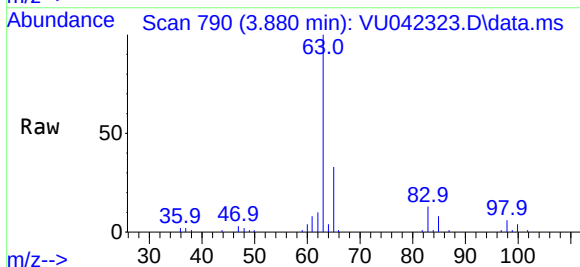
Manual Integrations
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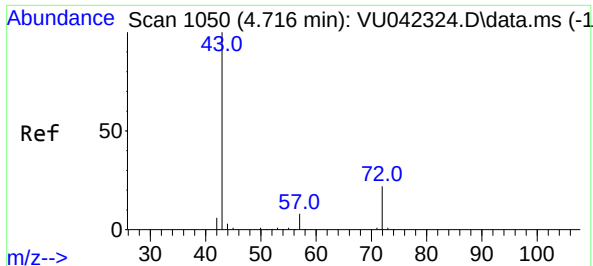
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#24
 1,1-Dichloroethane
 Concen: 16.83 ug/l
 RT: 3.880 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VU042323.D
 Acq: 17 Feb 2021 12:19

Tgt Ion: 63 Resp: 56066
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.3
 100 3.7 2.1 6.2





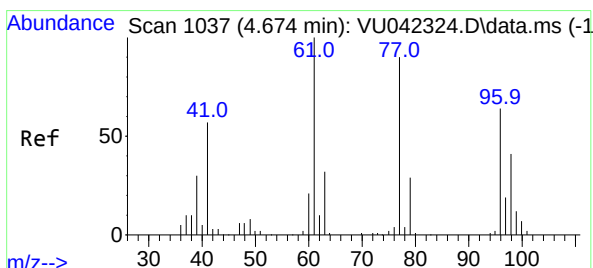
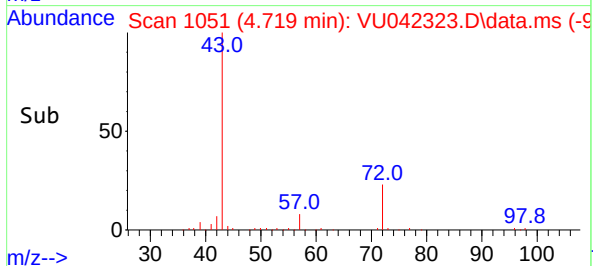
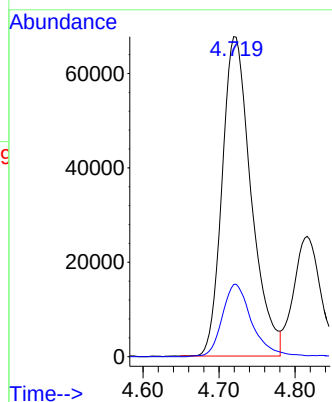
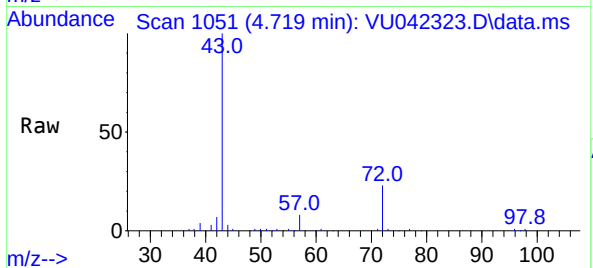
#25
2-Butanone
Concen: 119.40 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 43 Resp: 179568
Ion Ratio Lower Upper
43 100
72 22.6 17.4 26.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

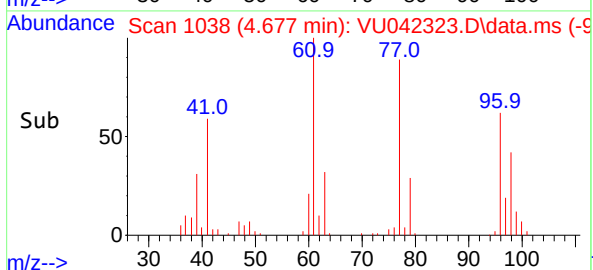
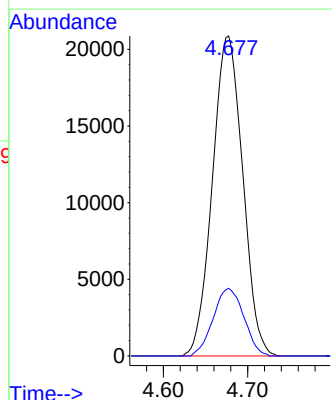
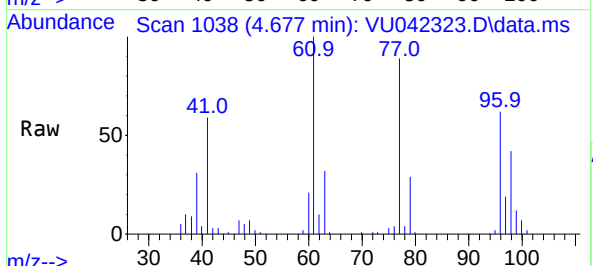
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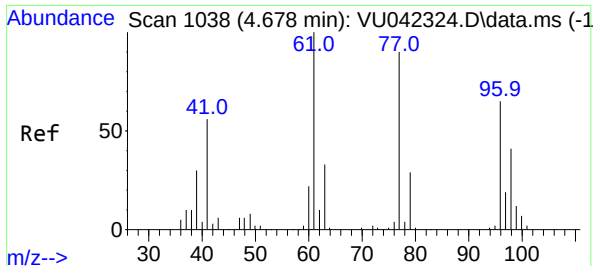
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#26
2,2-Dichloropropane
Concen: 19.10 ug/l
RT: 4.677 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 77 Resp: 52098
Ion Ratio Lower Upper
77 100
97 21.3 10.6 31.8





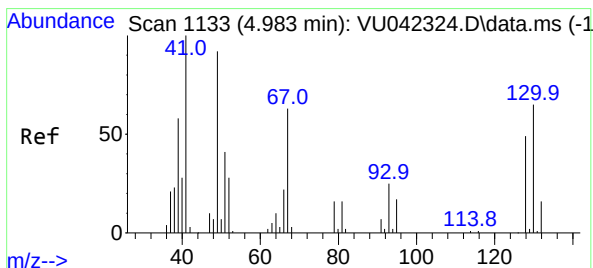
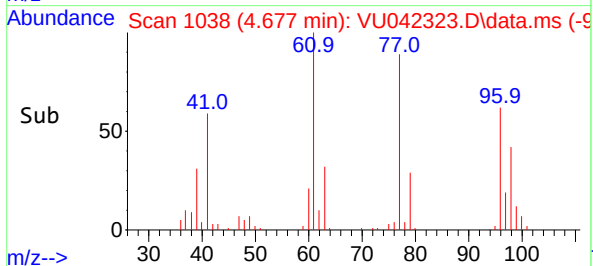
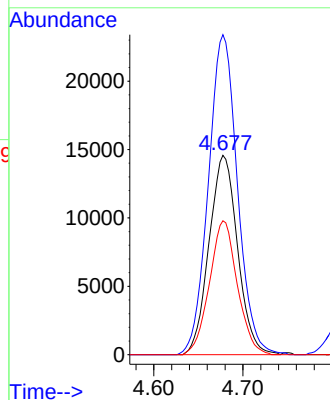
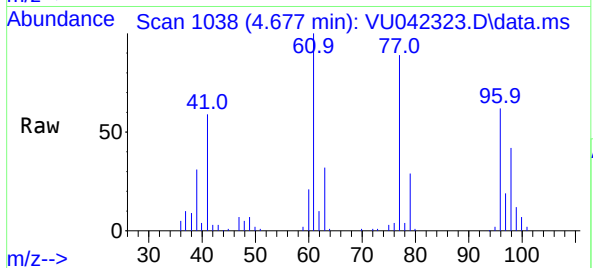
#27
cis-1,2-Dichloroethene
Concen: 16.95 ug/l
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 96	Resp: 32478
Ion Ratio	Lower Upper
96 100	
61 163.4	0.0 322.2
98 65.6	0.0 128.6

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

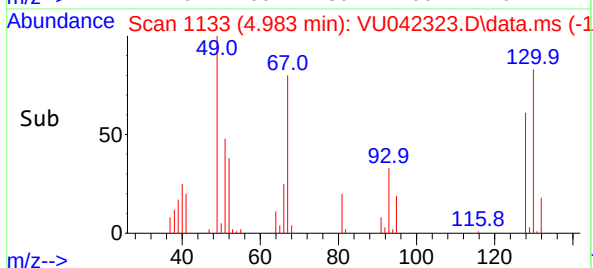
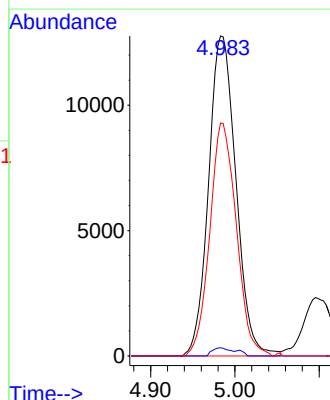
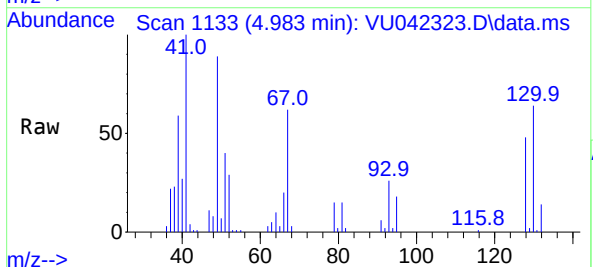
Manual Integrations
APPROVED

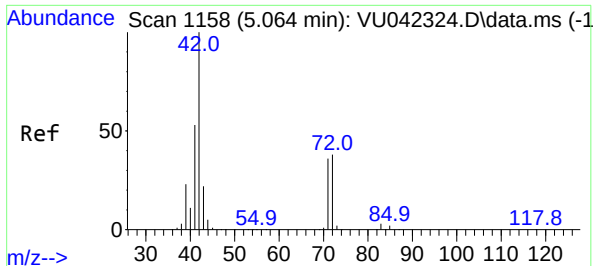
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#28
Bromochloromethane
Concen: 18.68 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 49	Resp: 28825
Ion Ratio	Lower Upper
49 100	
129 1.7	0.0 3.4
130 70.4	57.1 85.7





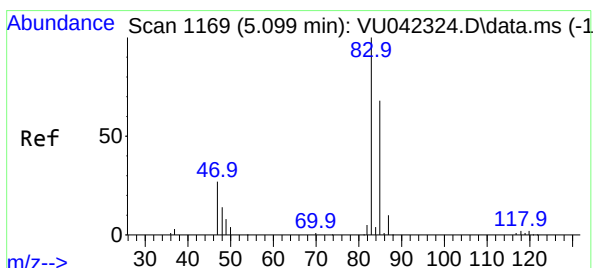
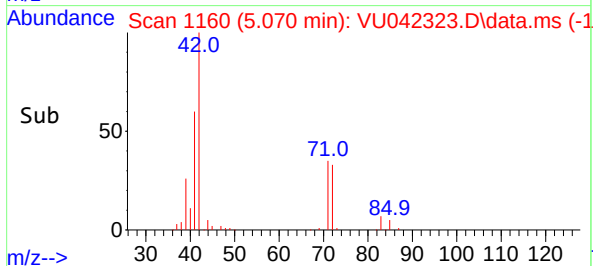
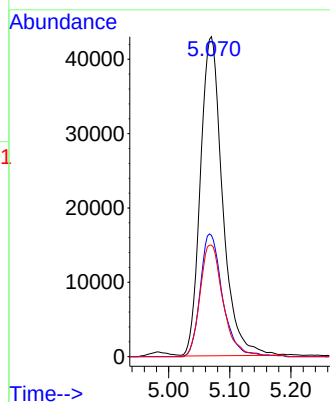
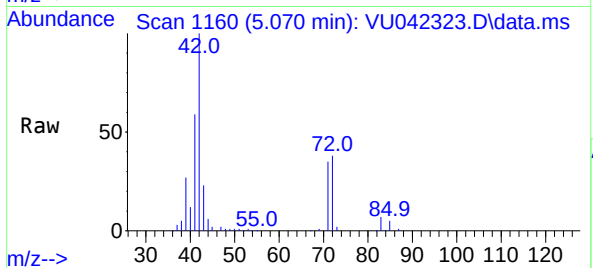
#29
Tetrahydrofuran
Concen: 117.70 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:	42	Resp:	107943
Ion	Ratio	Lower	Upper
42	100		
72	38.9	31.5	47.3
71	36.5	29.5	44.3

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

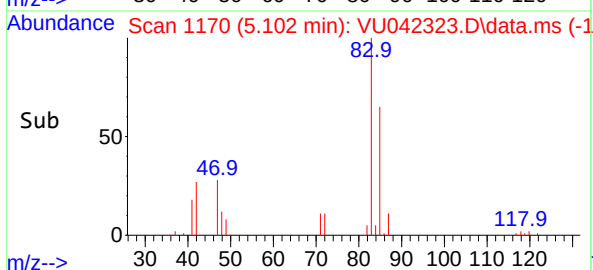
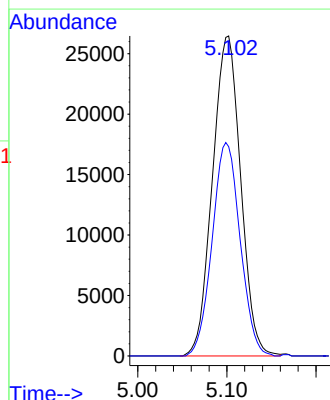
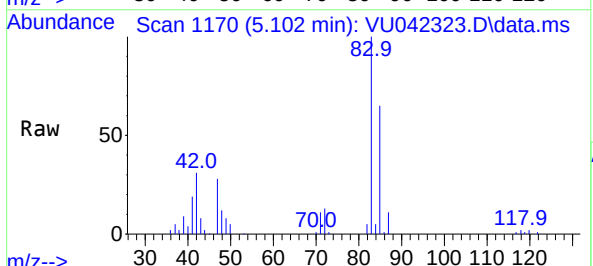
Manual Integrations
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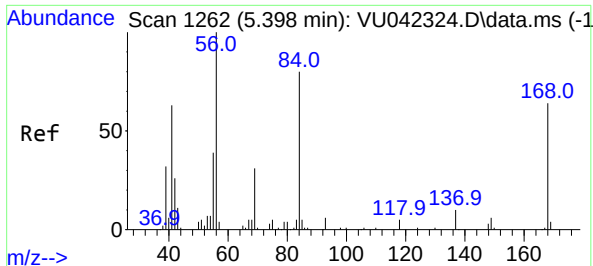
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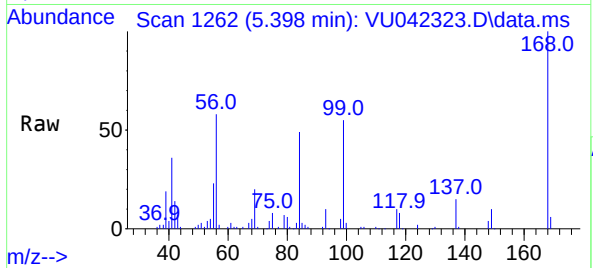
#30
Chloroform
Concen: 17.14 ug/l
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:	83	Resp:	58226
Ion	Ratio	Lower	Upper
83	100		
85	65.4	54.6	81.8

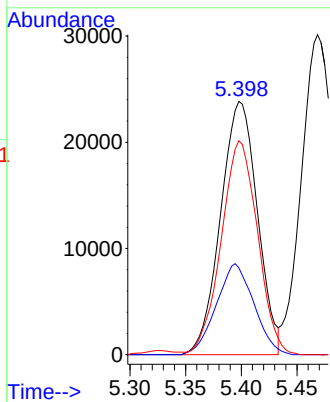
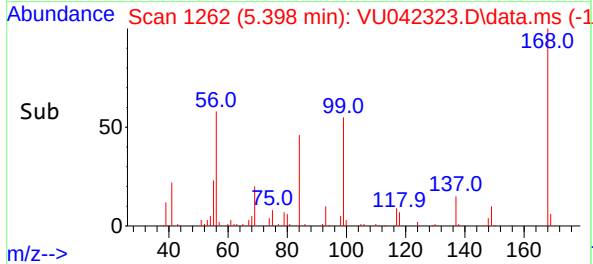




#31
Cyclohexane
Concen: 21.58 ug/l
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



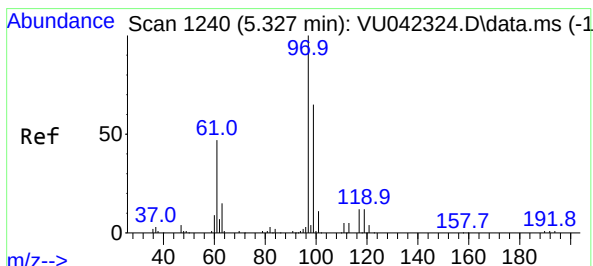
Tgt Ion: 56 Resp: 54884
Ion Ratio Lower Upper
56 100
69 34.3 24.9 37.3
84 83.4 63.7 95.5



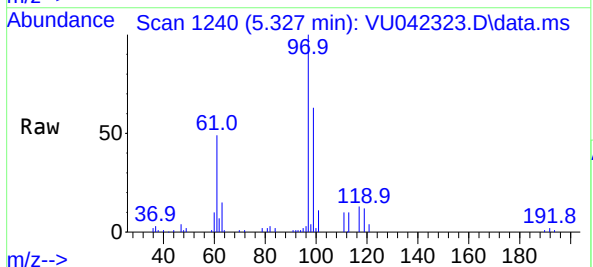
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

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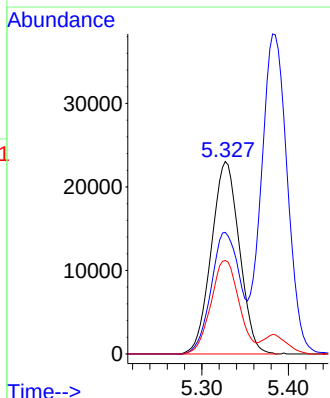
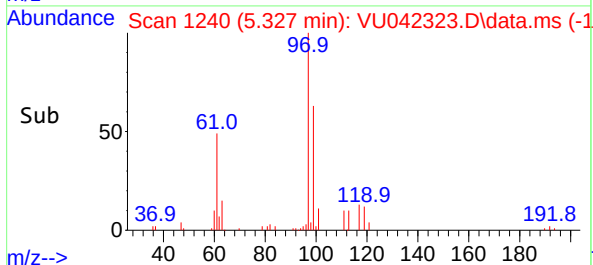
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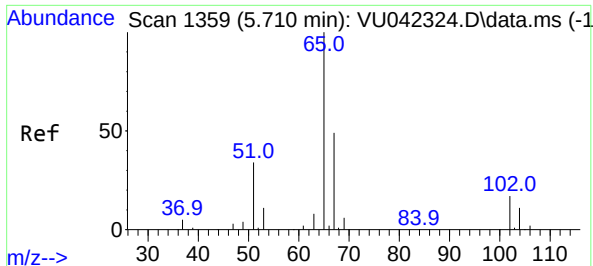


#32
1,1,1-Trichloroethane
Concen: 18.74 ug/l
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



Tgt Ion: 97 Resp: 51828
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 48.8 37.4 56.2





#33

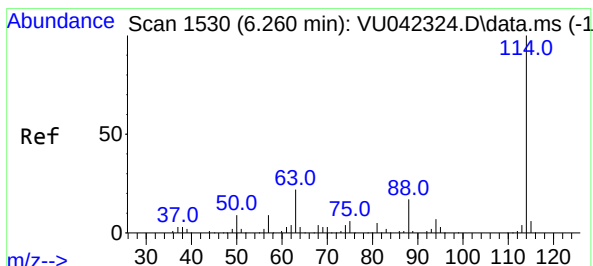
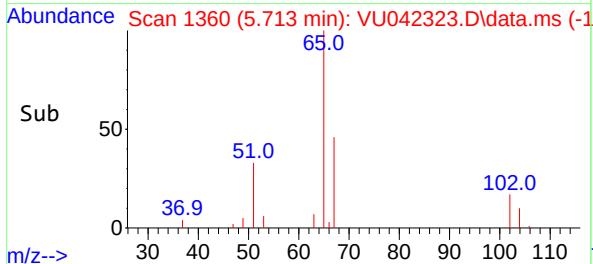
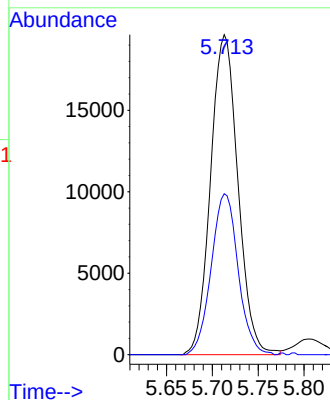
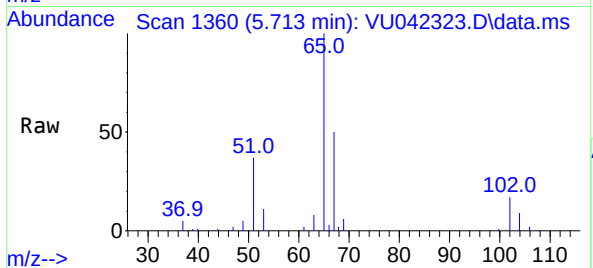
1,2-Dichloroethane-d4
Concen: 19.13 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 65 Resp: 40772
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

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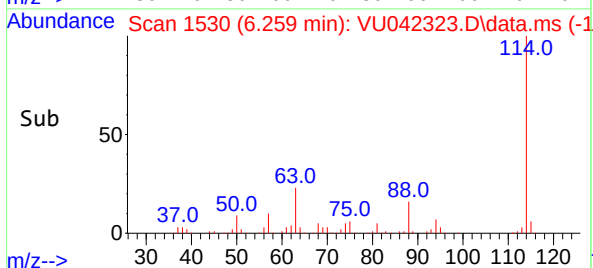
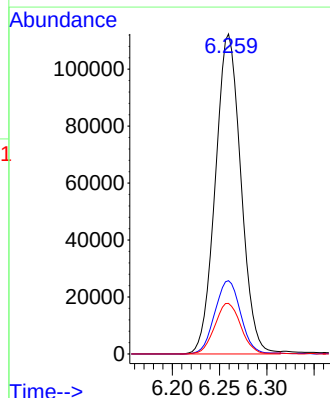
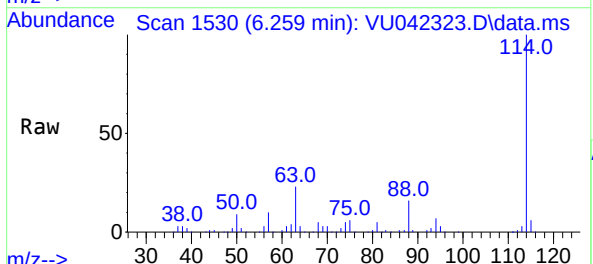
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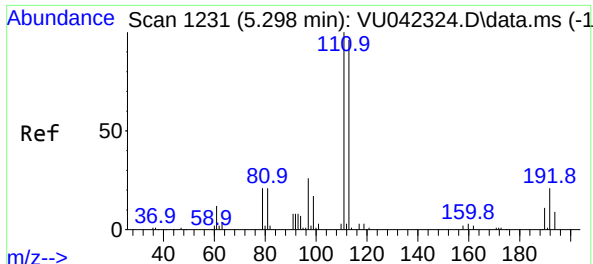


#34

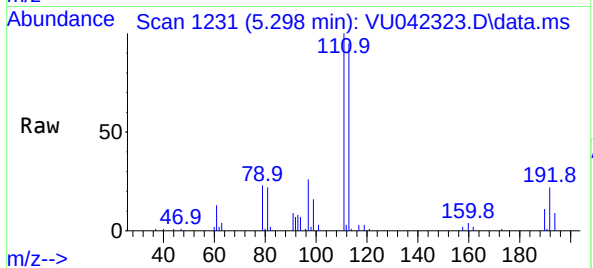
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 114 Resp: 210989
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.2
88 15.8 0.0 33.4

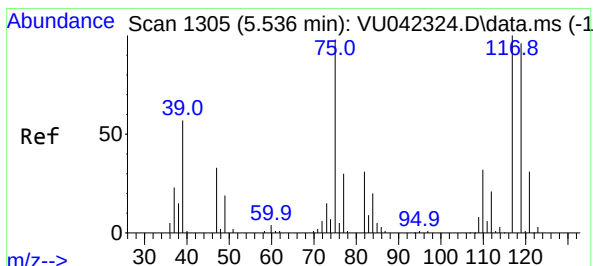
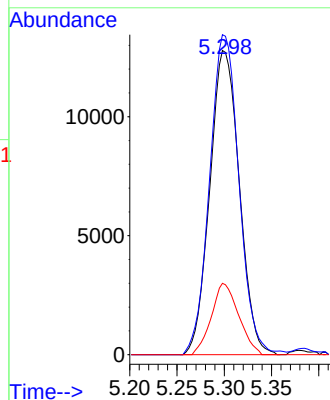
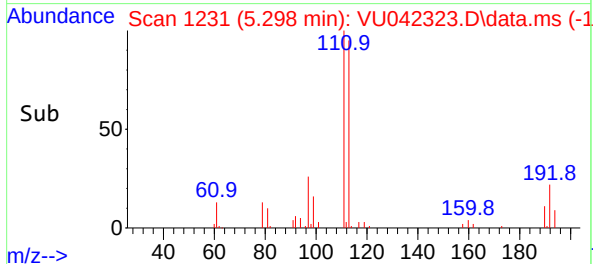




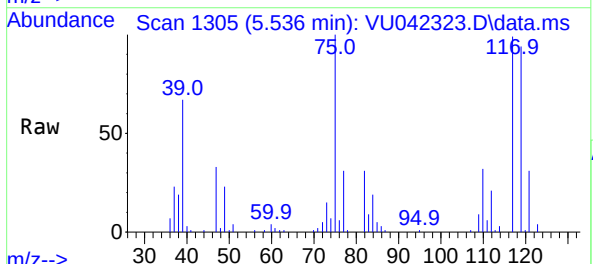
#35
Dibromofluoromethane
Concen: 14.78 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



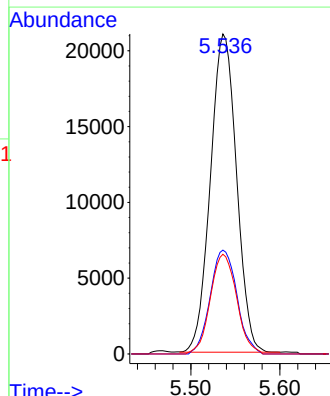
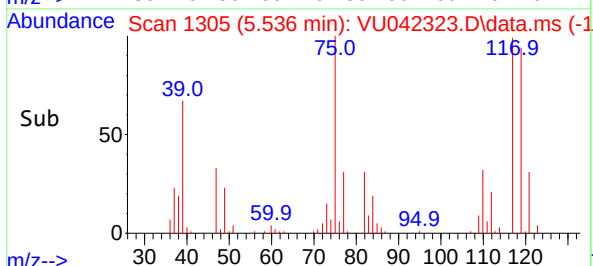
Tgt Ion: 113 Resp: 27772
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.8
192 21.7 17.2 25.8



#36
1,1-Dichloropropene
Concen: 18.77 ug/l
RT: 5.536 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



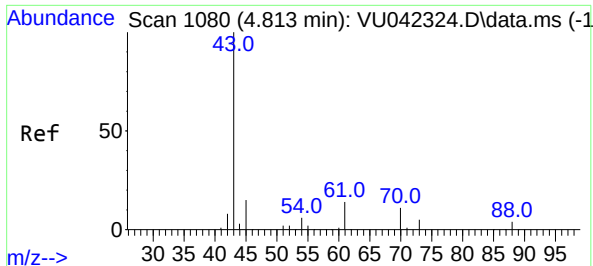
Tgt Ion: 75 Resp: 42713
Ion Ratio Lower Upper
75 100
110 33.5 16.8 50.3
77 31.6 24.8 37.2



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

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#37

Ethyl Acetate

Concen: 22.31 ug/l

RT: 4.816 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VU042323.D

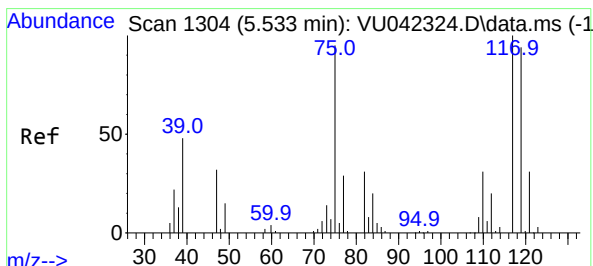
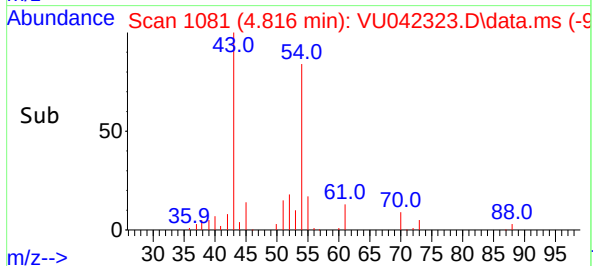
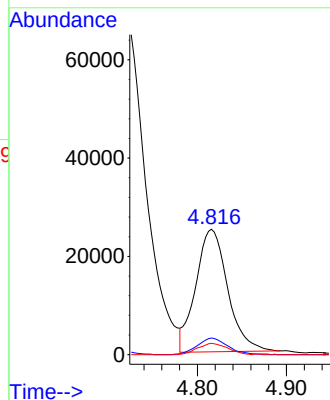
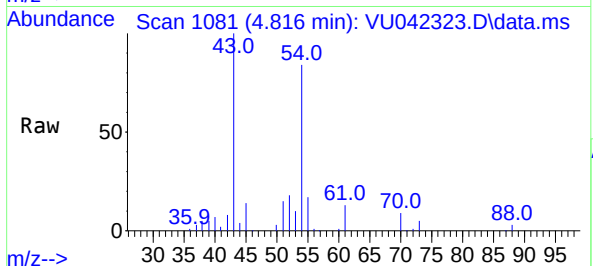
Acq: 17 Feb 2021 12:19

Tgt Ion:	43	Resp:	62064
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.1	15.1
70	8.7	7.2	10.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 18.77 ug/l

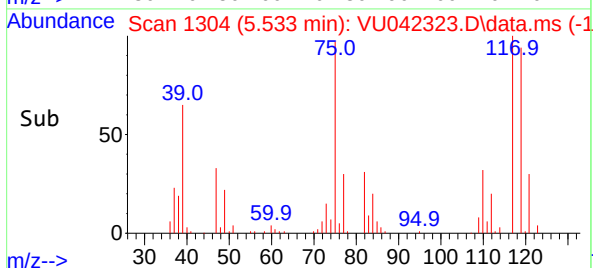
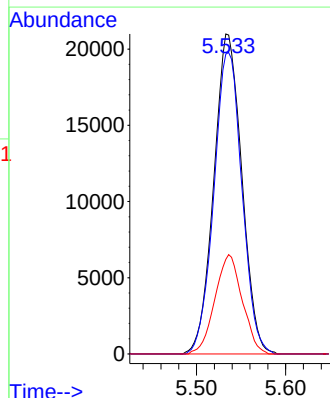
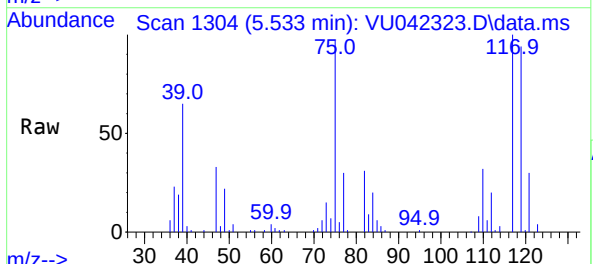
RT: 5.533 min Scan# 1304

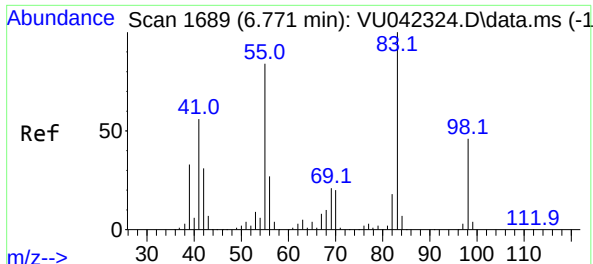
Delta R.T. -0.000 min

Lab File: VU042323.D

Acq: 17 Feb 2021 12:19

Tgt Ion:	117	Resp:	45765
Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.5	113.3
121	29.6	24.7	37.1





#39

Methylcyclohexane

Concen: 20.91 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU042323.D

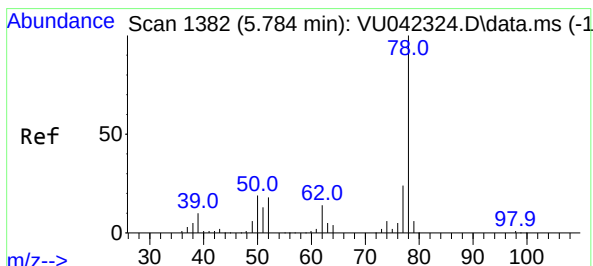
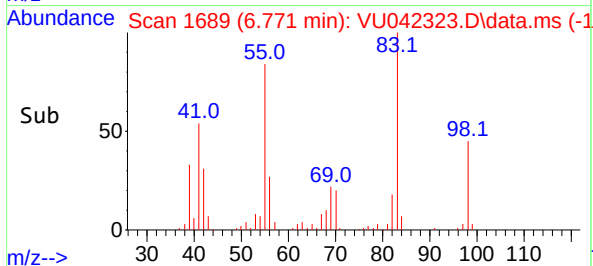
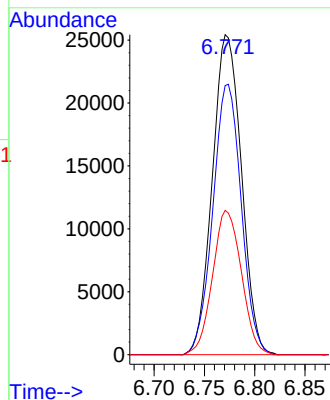
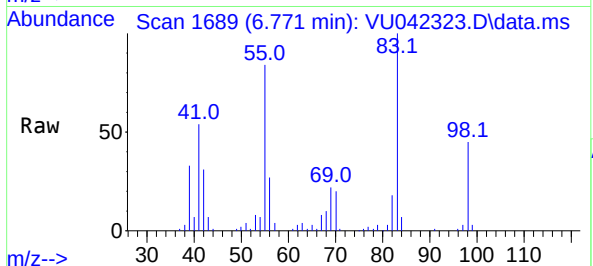
Acq: 17 Feb 2021 12:19

Tgt Ion:	83	Resp:	51211
Ion	Ratio	Lower	Upper
83	100		
55	84.1	66.8	100.2
98	45.1	36.9	55.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

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#40

Benzene

Concen: 16.82 ug/l

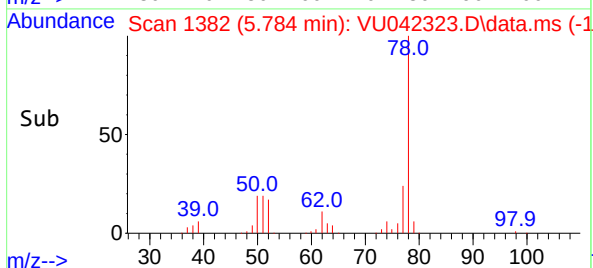
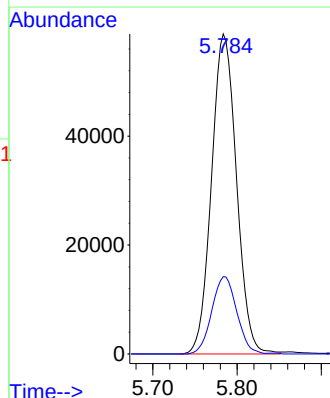
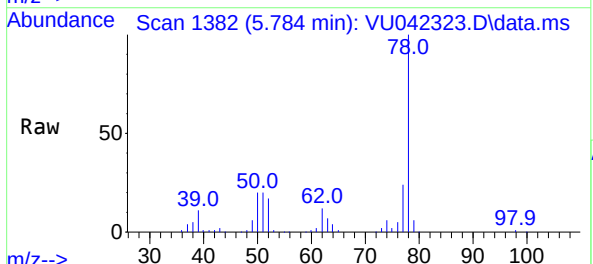
RT: 5.784 min Scan# 1382

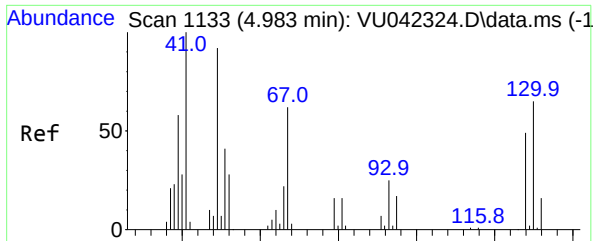
Delta R.T. -0.000 min

Lab File: VU042323.D

Acq: 17 Feb 2021 12:19

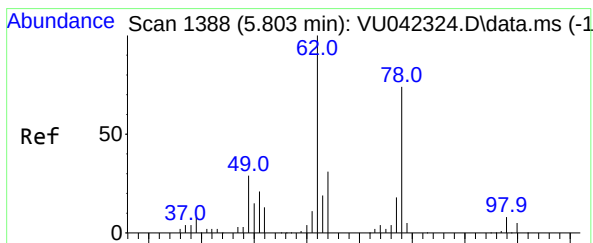
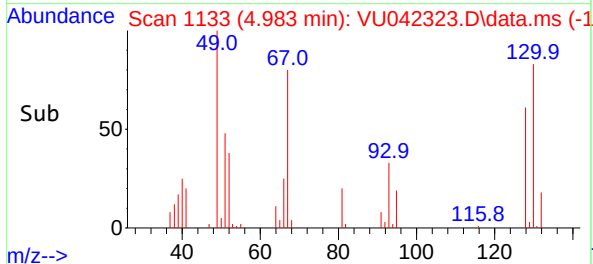
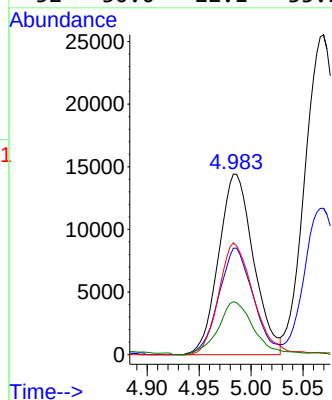
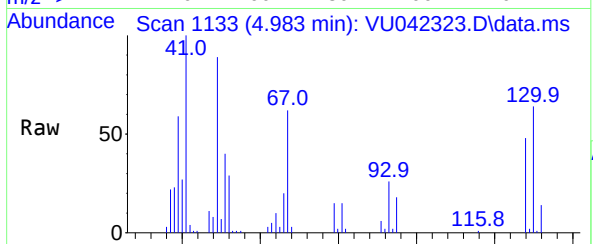
Tgt Ion:	78	Resp:	120873
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





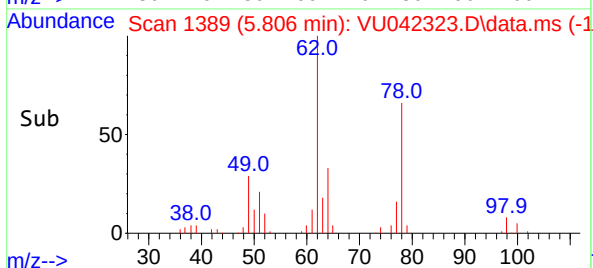
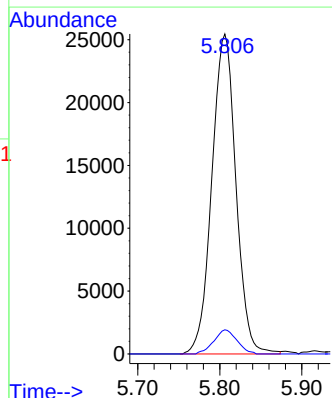
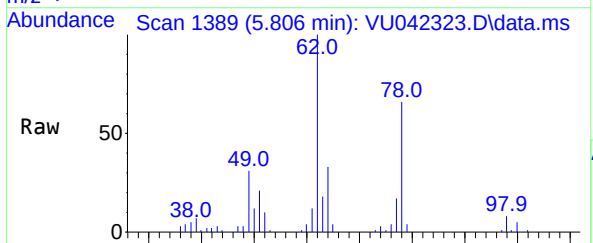
#41
Methacrylonitrile
Concen: 22.90 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 41 Resp: 33659
Ion Ratio Lower Upper
41 100
39 58.2 45.1 67.7
67 62.0 50.2 75.2
52 30.0 22.1 33.1



#42
1,2-Dichloroethane
Concen: 20.11 ug/l
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

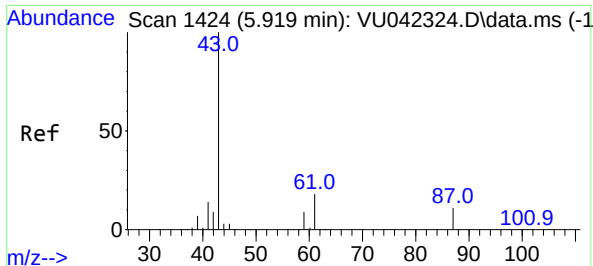
Tgt Ion: 62 Resp: 51928
Ion Ratio Lower Upper
62 100
98 7.2 0.0 14.8



Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

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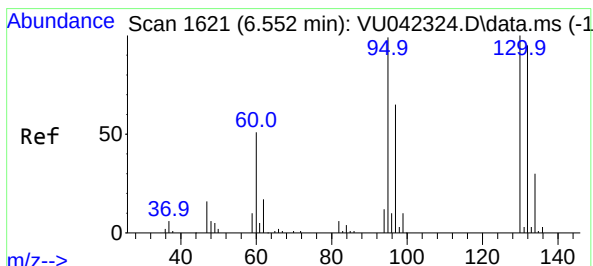
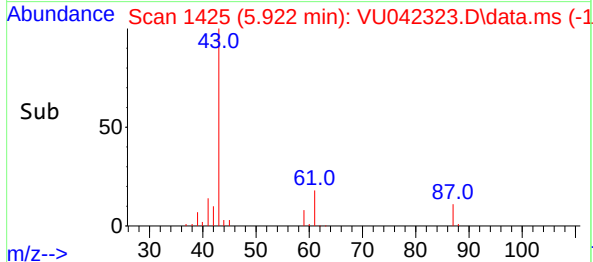
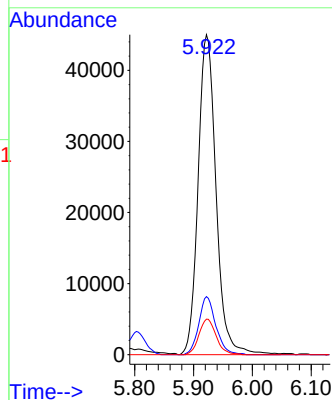
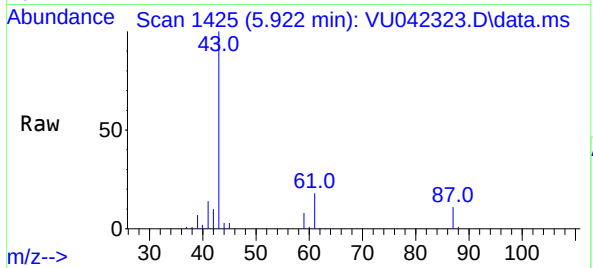
#43
Isopropyl Acetate
Concen: 22.18 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 43 Resp: 95456
Ion Ratio Lower Upper
43 100
61 17.3 14.4 21.6
87 10.7 8.8 13.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

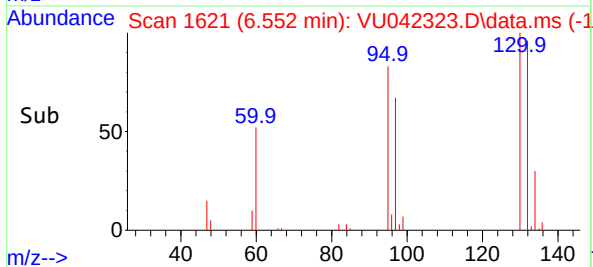
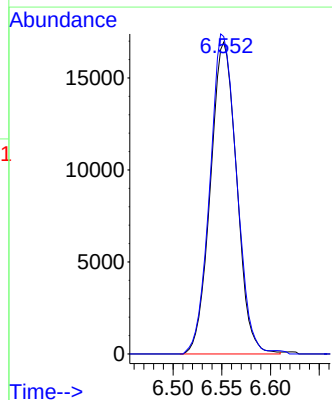
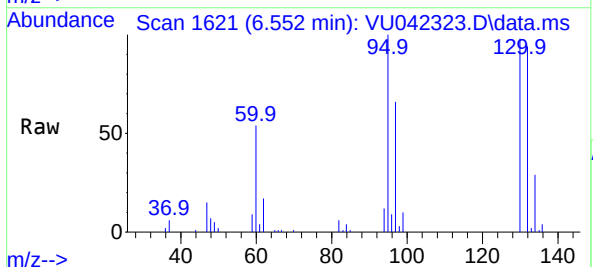
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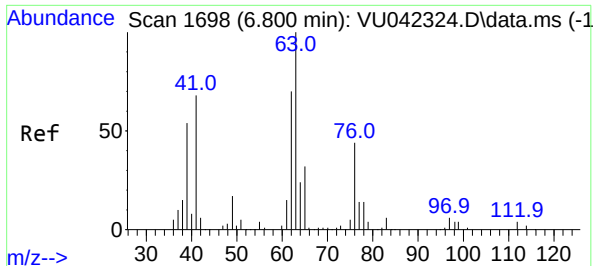
MMDadoda
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#44
Trichloroethene
Concen: 16.00 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 130 Resp: 31751
Ion Ratio Lower Upper
130 100
95 101.8 0.0 197.8





#45

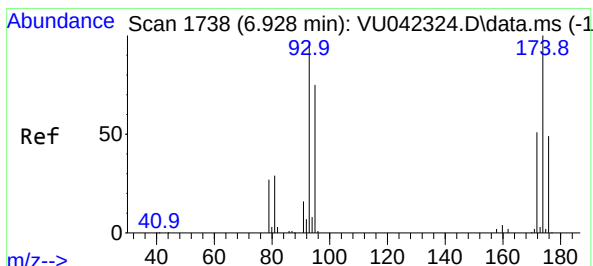
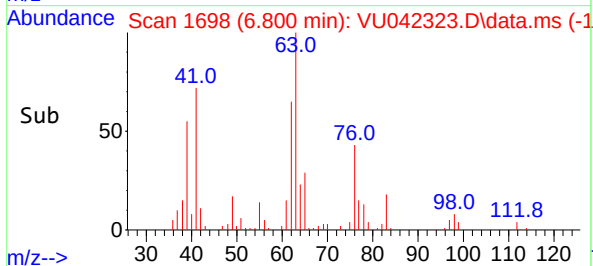
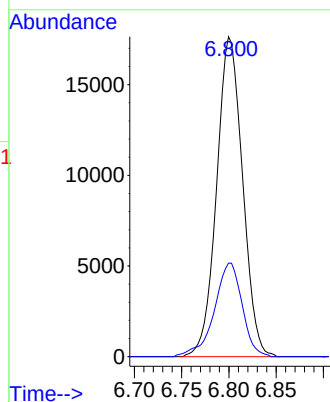
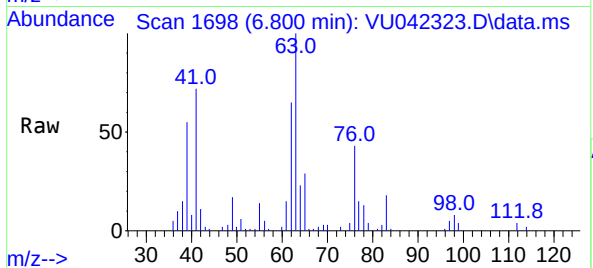
1,2-Dichloropropane
Concen: 16.18 ug/l
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 63 Resp: 33700
Ion Ratio Lower Upper
63 100
65 29.3 25.4 38.2

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

Manual Integrations
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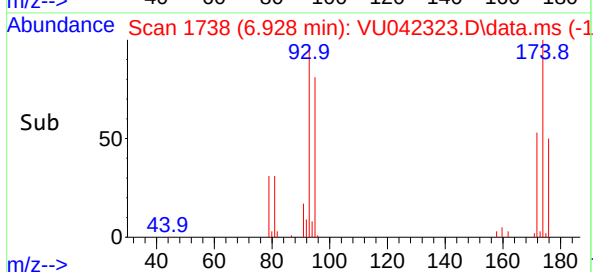
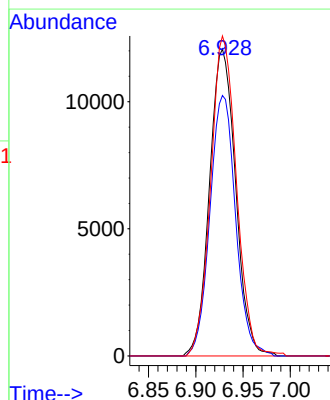
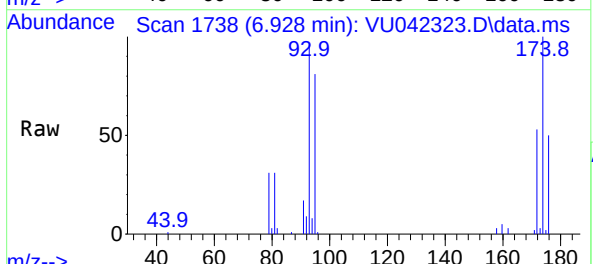
MMDadoda
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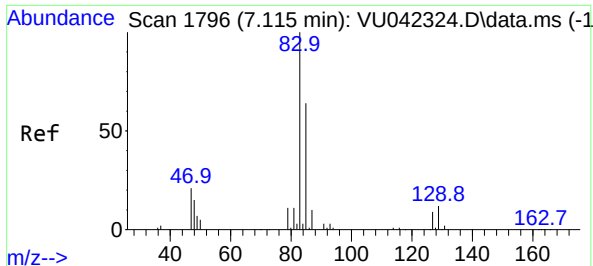


#46

Dibromomethane
Concen: 17.42 ug/l
RT: 6.928 min Scan# 1738
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 93 Resp: 23183
Ion Ratio Lower Upper
93 100
95 83.6 63.6 95.4
174 103.0 83.4 125.2





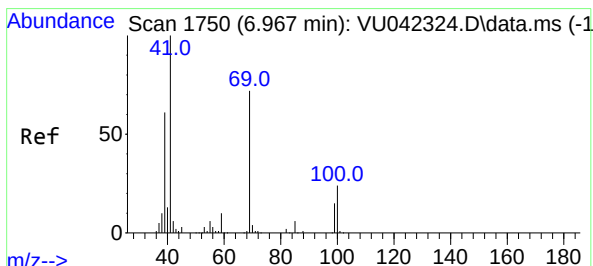
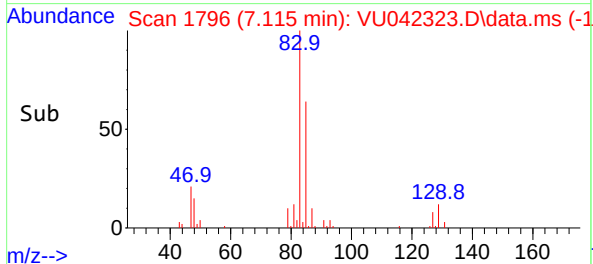
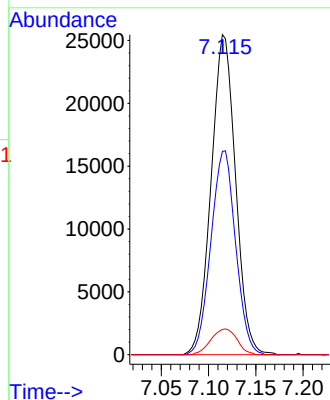
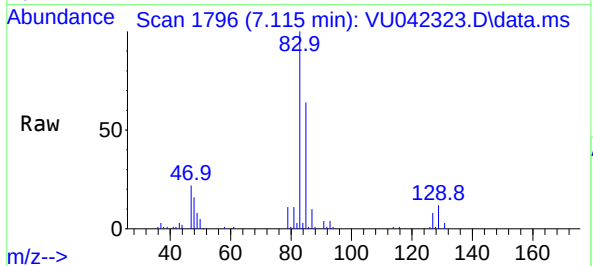
#47
Bromodichloromethane
Concen: 16.78 ug/l
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:	83	Resp:	45763
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.3	76.9
127	7.9	6.9	10.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

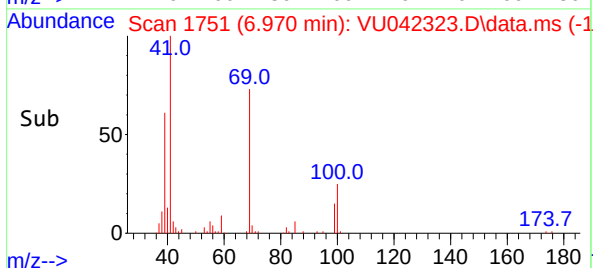
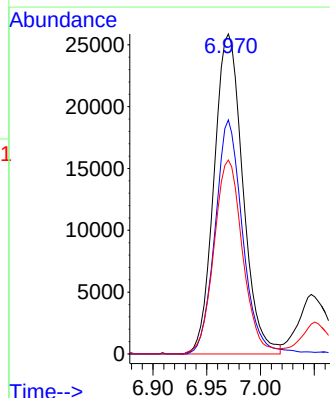
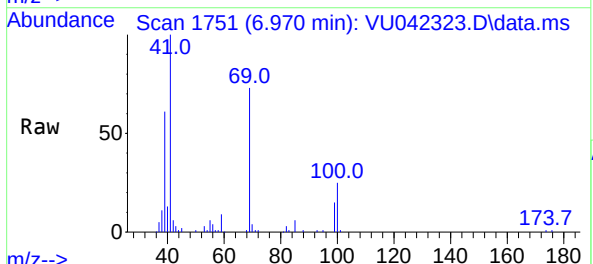
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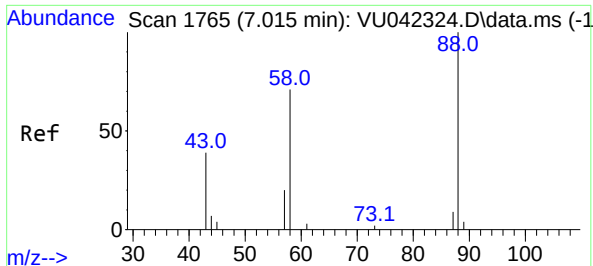
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#48
Methyl methacrylate
Concen: 23.33 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:	41	Resp:	48229
Ion	Ratio	Lower	Upper
41	100		
69	70.1	57.0	85.6
39	60.3	48.4	72.6





#49

1,4-Dioxane

Concen: 445.84 ug/l

RT: 7.018 min Scan# 1766

Delta R.T. 0.003 min

Lab File: VU042323.D

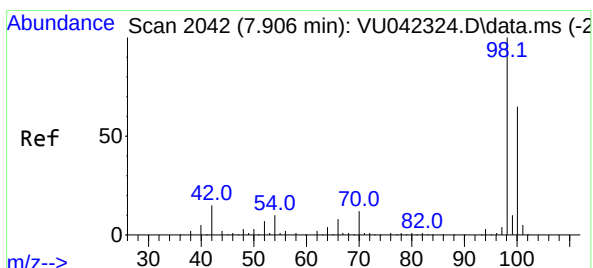
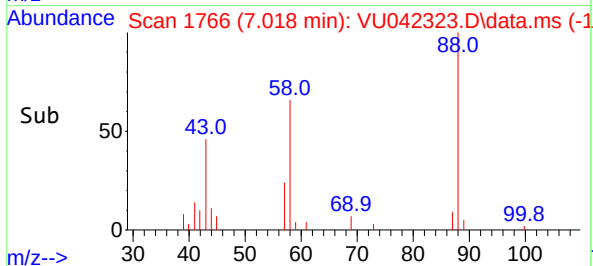
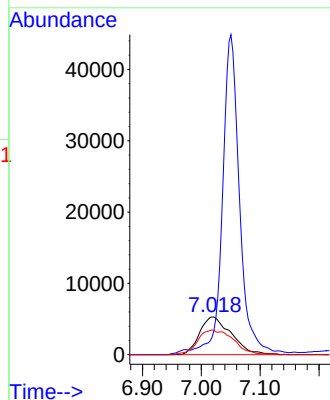
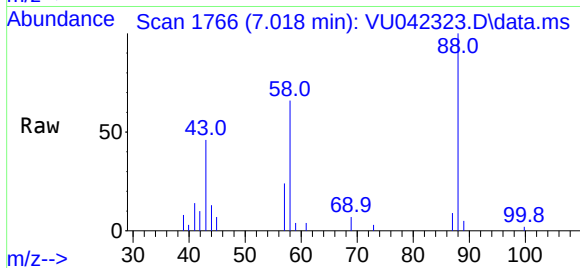
Acq: 17 Feb 2021 12:19

Tgt Ion:	88	Resp:	19840
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	40.6	60.4	90.6#

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

Manual Integrations
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#50

Toluene-d8

Concen: 14.72 ug/l

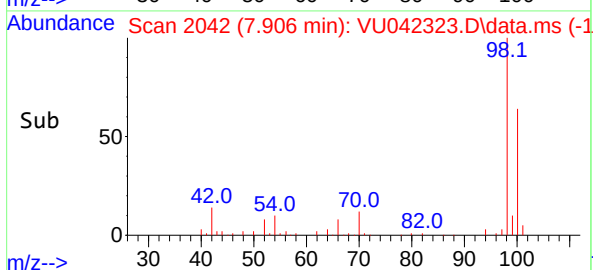
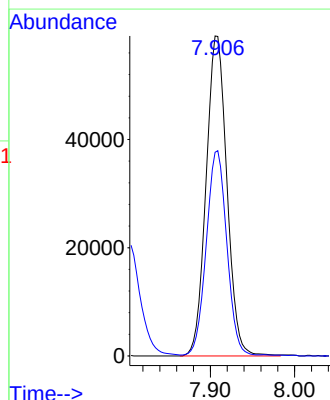
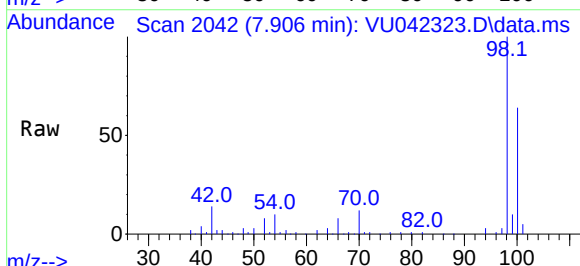
RT: 7.906 min Scan# 2042

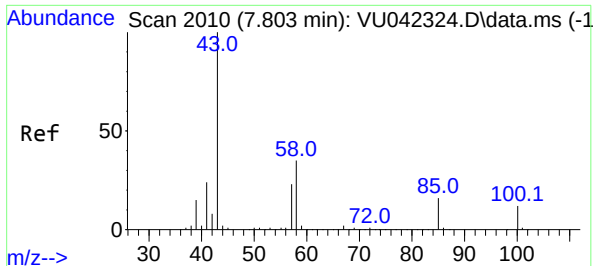
Delta R.T. -0.000 min

Lab File: VU042323.D

Acq: 17 Feb 2021 12:19

Tgt Ion:	98	Resp:	101698
Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.2	75.2





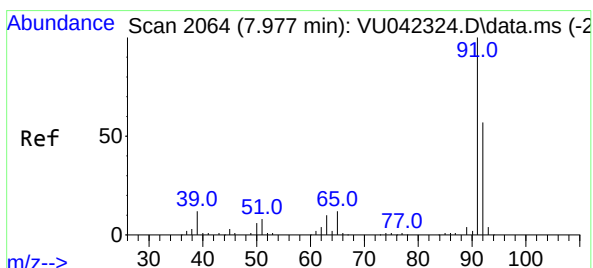
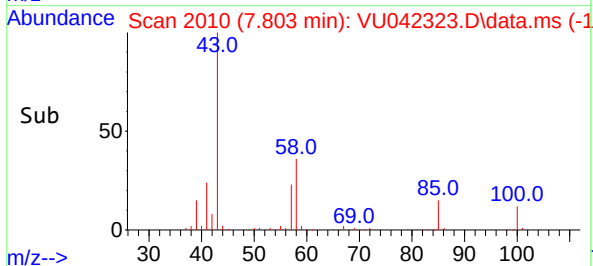
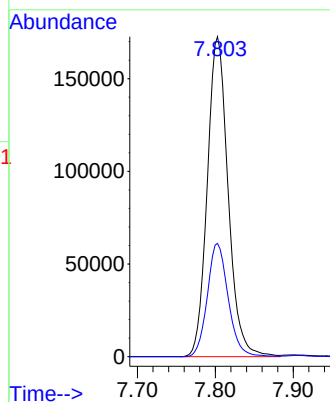
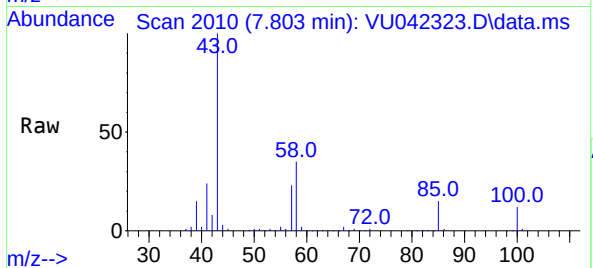
#51
4-Methyl-2-Pentanone
Concen: 108.09 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 43 Resp: 320861
Ion Ratio Lower Upper
43 100
58 35.5 28.1 42.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

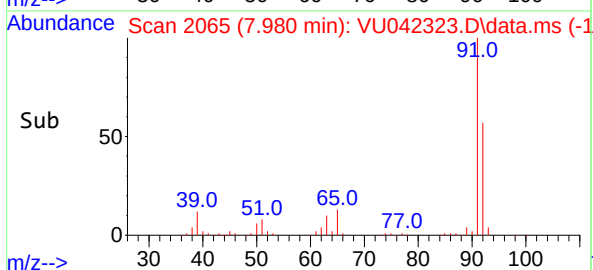
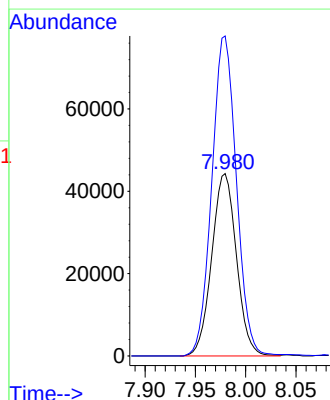
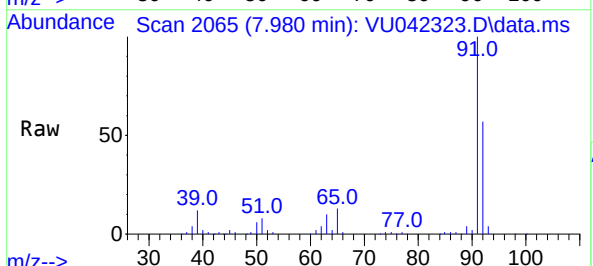
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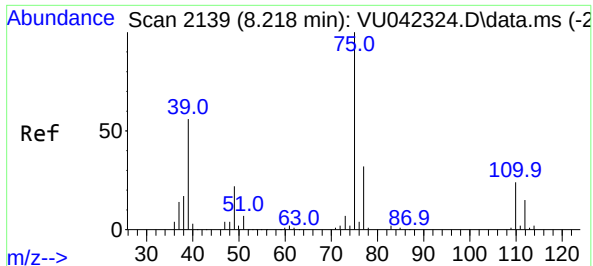
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#52
Toluene
Concen: 16.89 ug/l
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 92 Resp: 75751
Ion Ratio Lower Upper
92 100
91 175.1 140.3 210.5





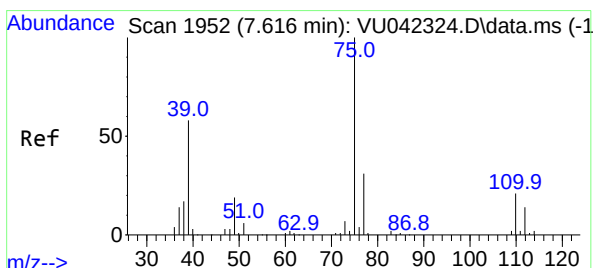
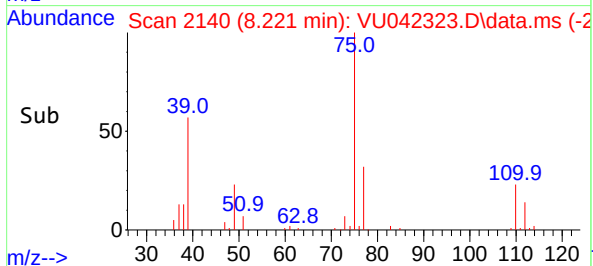
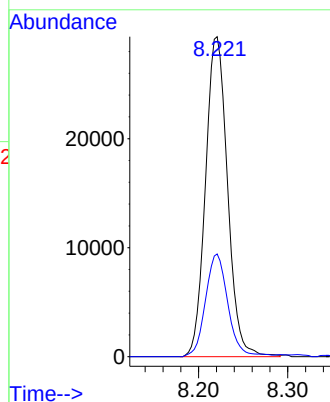
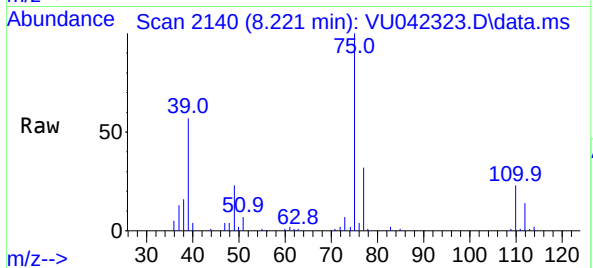
#53
 t-1,3-Dichloropropene
 Concen: 17.74 ug/l
 RT: 8.221 min Scan# 2140
 Delta R.T. 0.003 min
 Lab File: VU042323.D
 Acq: 17 Feb 2021 12:19

Tgt Ion: 75 Resp: 50364
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

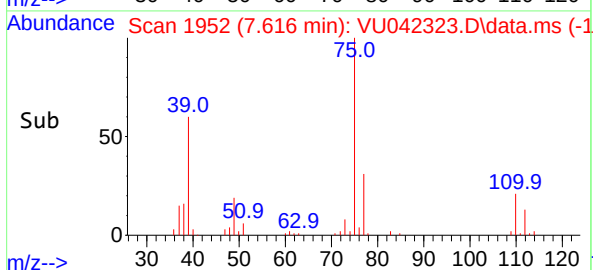
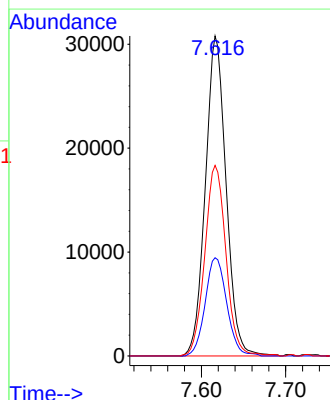
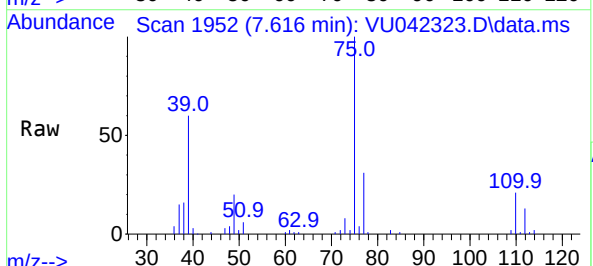
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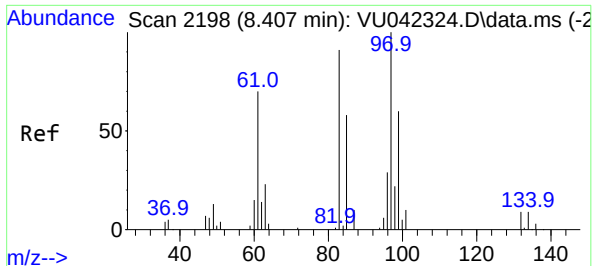
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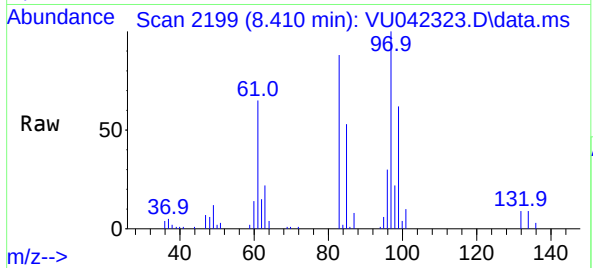
#54
 cis-1,3-Dichloropropene
 Concen: 17.06 ug/l
 RT: 7.616 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VU042323.D
 Acq: 17 Feb 2021 12:19

Tgt Ion: 75 Resp: 52730
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 37.0
 39 59.6 46.1 69.1



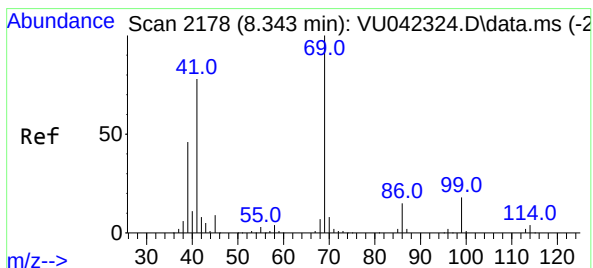
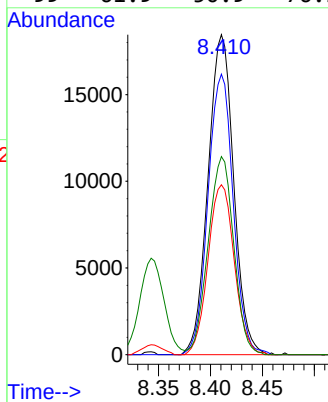
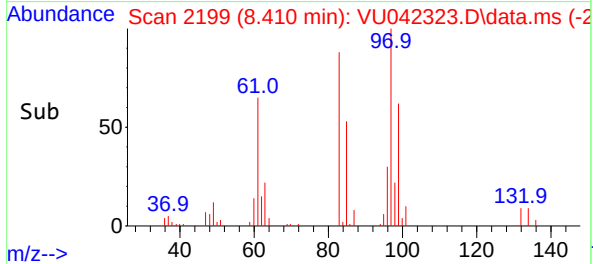


#55
1,1,2-Trichloroethane
Concen: 15.70 ug/l
RT: 8.410 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

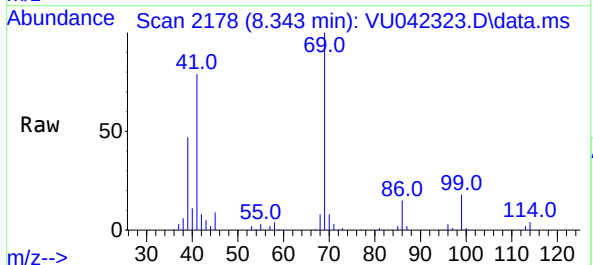


Tgt Ion: 97 Resp: 31696

Ion	Ratio	Lower	Upper
97	100		
83	87.7	72.6	109.0
85	53.1	46.6	69.8
99	61.9	50.9	76.3

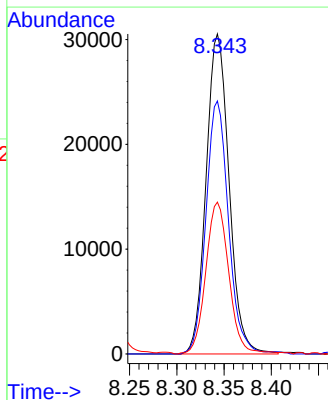
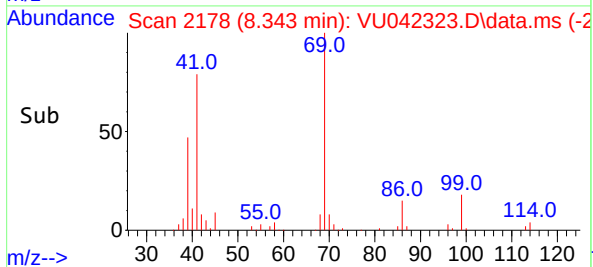


#56
Ethyl methacrylate
Concen: 18.59 ug/l
RT: 8.343 min Scan# 2178
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



Tgt Ion: 69 Resp: 51560

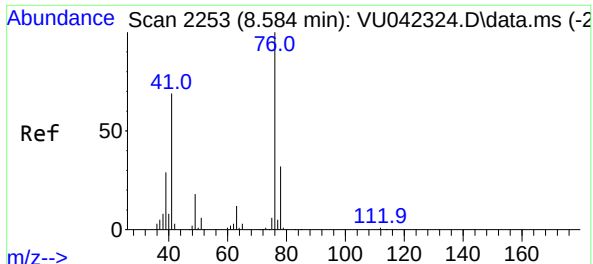
Ion	Ratio	Lower	Upper
69	100		
41	78.0	62.8	94.2
39	47.9	36.2	54.2



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

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#57

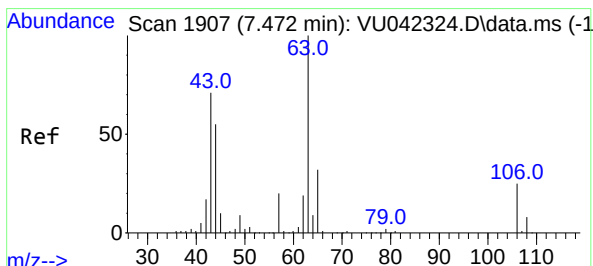
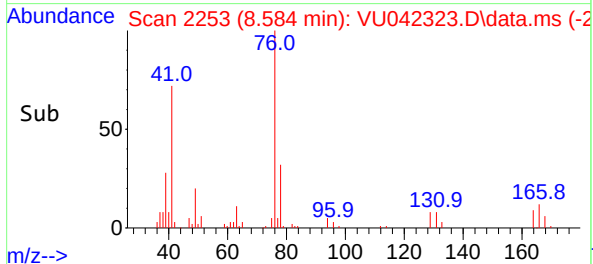
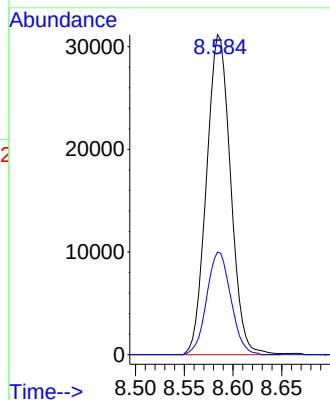
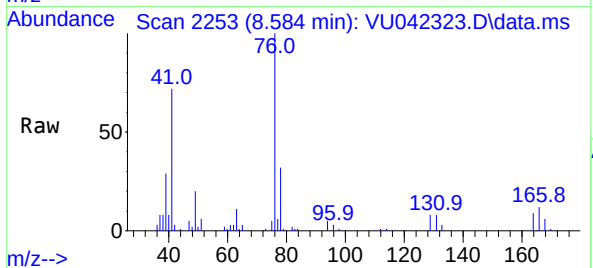
1,3-Dichloropropane
Concen: 16.14 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 76 Resp: 53563
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
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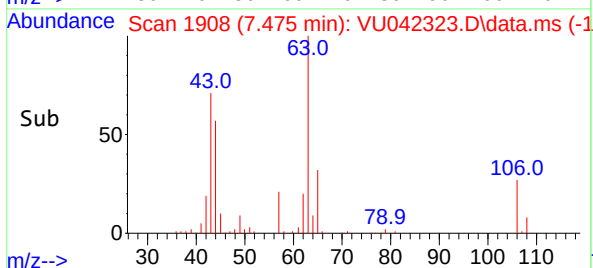
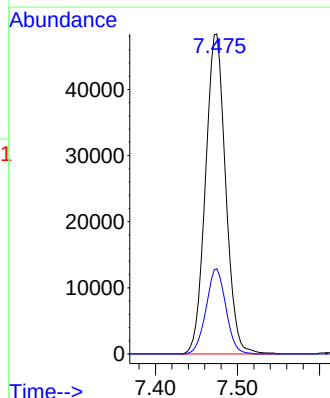
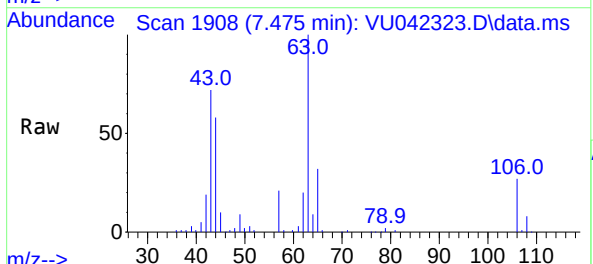
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2/19/2021 2:40:45 PM

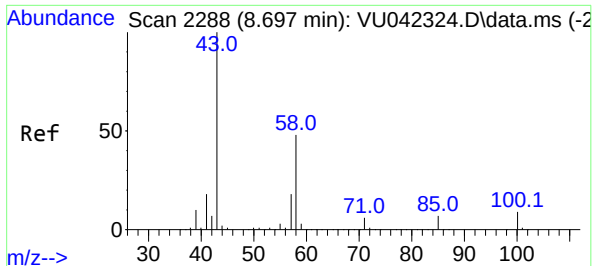


#58

2-Chloroethyl Vinyl ether
Concen: 90.39 ug/l
RT: 7.475 min Scan# 1908
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 63 Resp: 82464
Ion Ratio Lower Upper
63 100
106 26.1 20.3 30.5





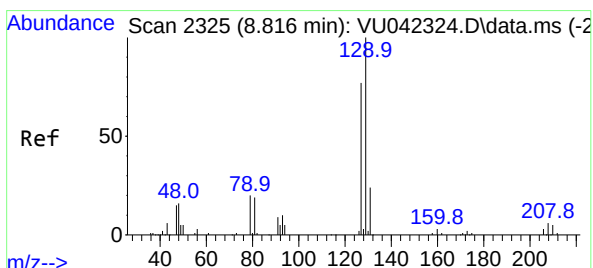
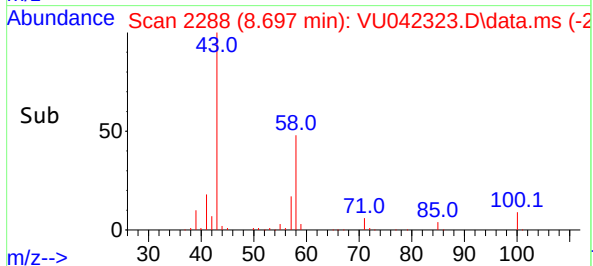
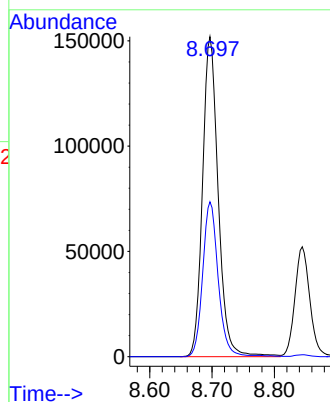
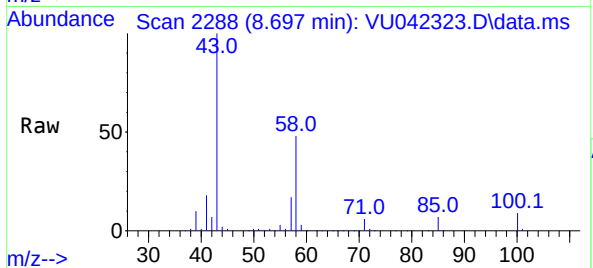
#59
2-Hexanone
Concen: 118.25 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 43 Resp: 265549
Ion Ratio Lower Upper
43 100
58 48.1 24.0 72.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

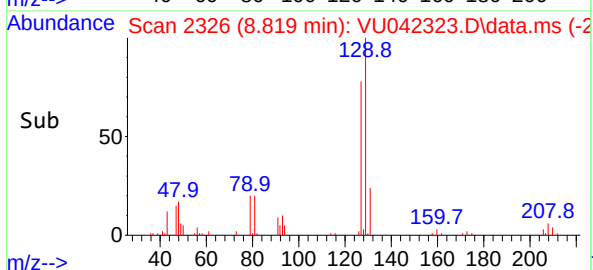
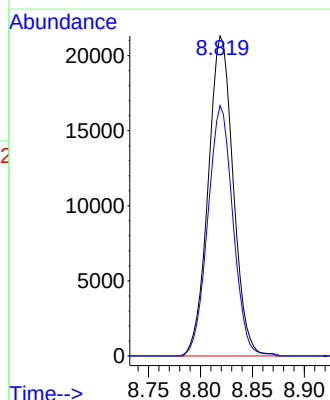
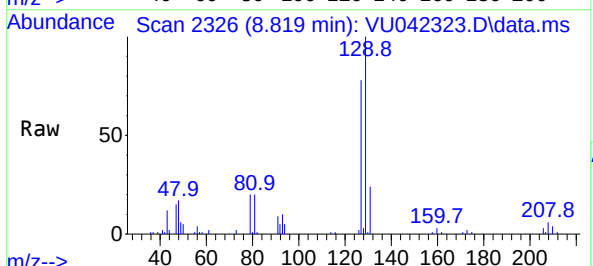
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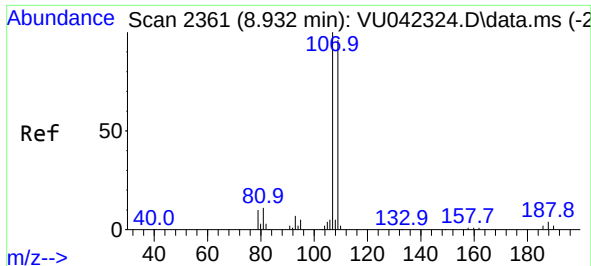
MMDadoda
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#60
Dibromochloromethane
Concen: 16.30 ug/l
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 129 Resp: 35711
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.3





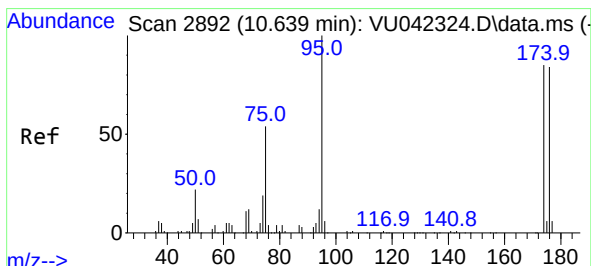
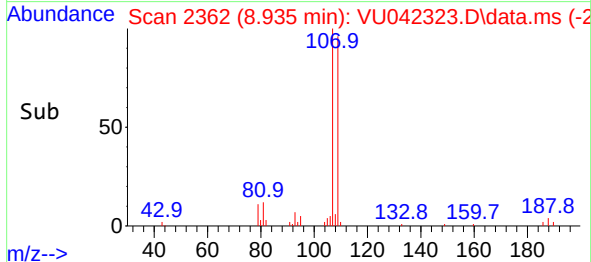
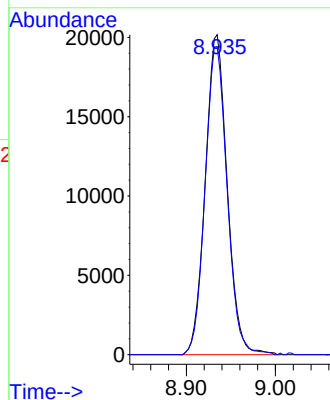
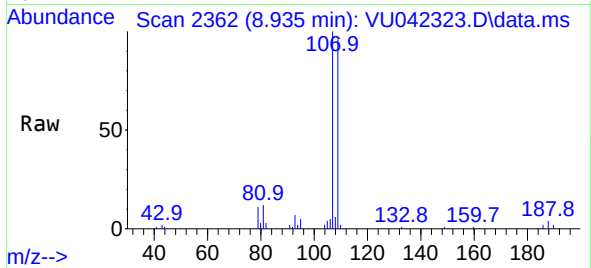
#61
1,2-Dibromoethane
Concen: 17.20 ug/l
RT: 8.935 min Scan# 2362
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 34582
Ion Ratio Lower Upper
107 100
109 96.4 75.9 113.9

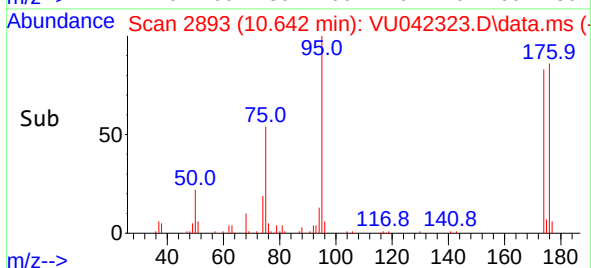
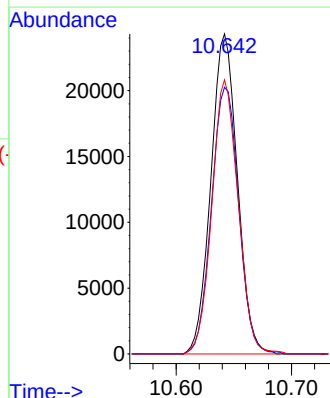
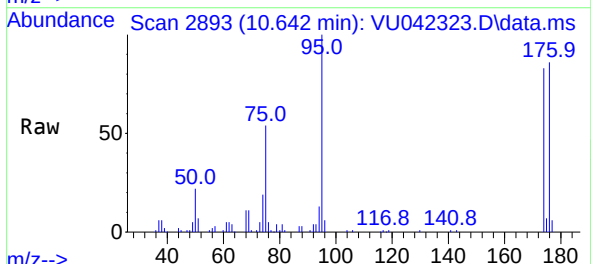
Manual Integrations
APPROVED

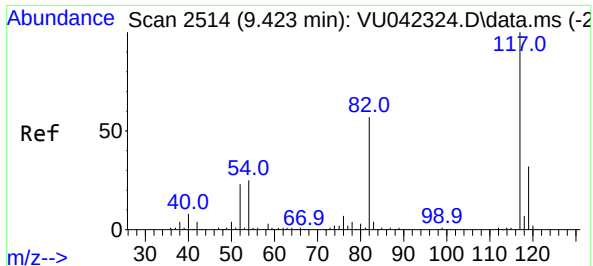
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#62
4-Bromofluorobenzene
Concen: 14.35 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 95 Resp: 38774
Ion Ratio Lower Upper
95 100
174 85.6 0.0 172.2
176 84.9 0.0 168.8





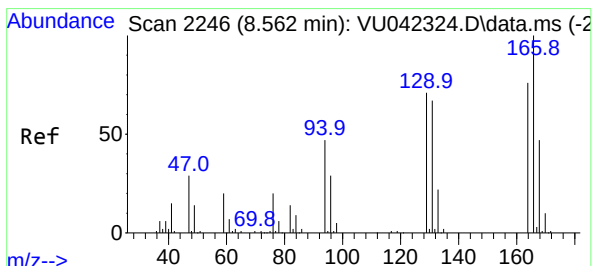
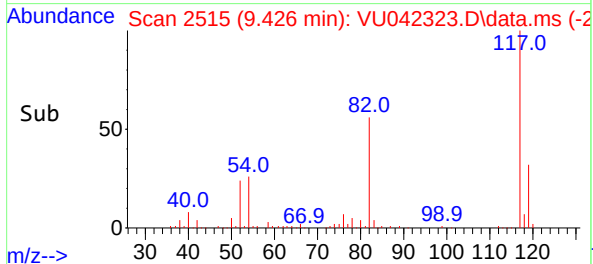
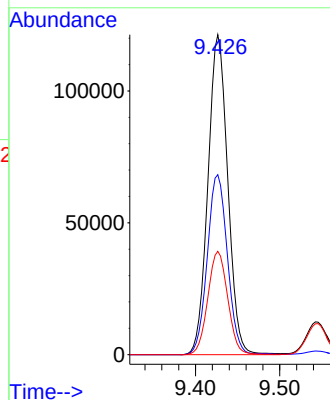
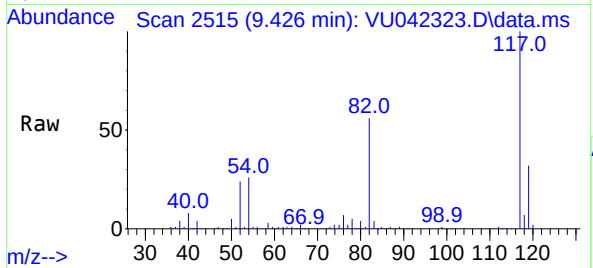
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:117 Resp: 198703
Ion Ratio Lower Upper
117 100
82 56.2 45.8 68.6
119 32.3 25.8 38.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

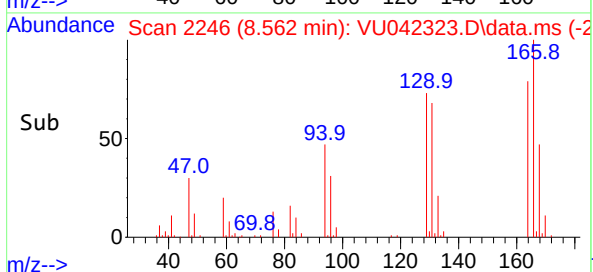
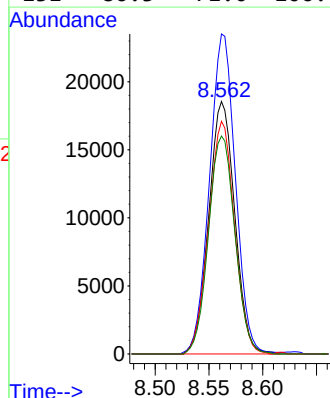
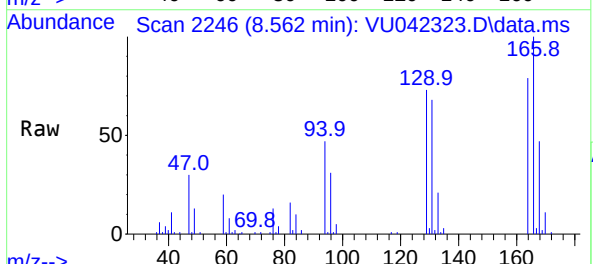
Manual Integrations
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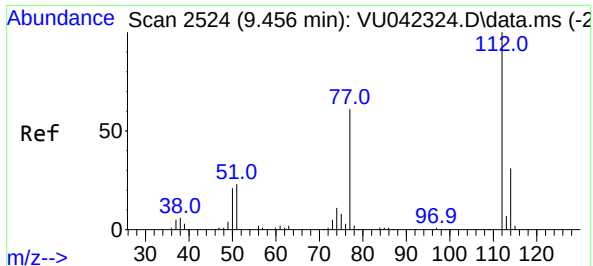
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#64
Tetrachloroethene
Concen: 18.36 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:164 Resp: 31222
Ion Ratio Lower Upper
164 100
166 126.7 105.3 157.9
129 92.2 75.0 112.6
131 86.3 71.0 106.6





#65

Chlorobenzene

Concen: 16.55 ug/l

RT: 9.455 min Scan# 2524

Delta R.T. -0.000 min

Lab File: VU042323.D

Acq: 17 Feb 2021 12:19

Tgt Ion:112 Resp: 81077

Ion Ratio Lower Upper

112 100

114 30.8 25.0 37.4

Instrument :

MSVOA_U

ClientSampled :

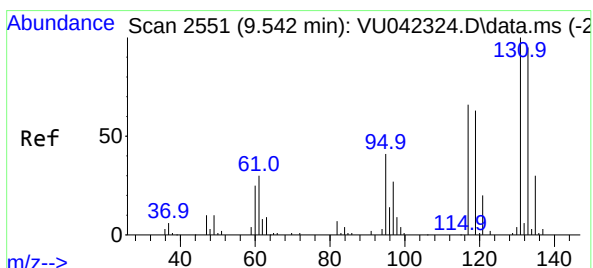
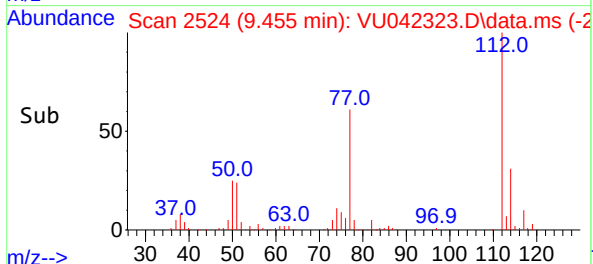
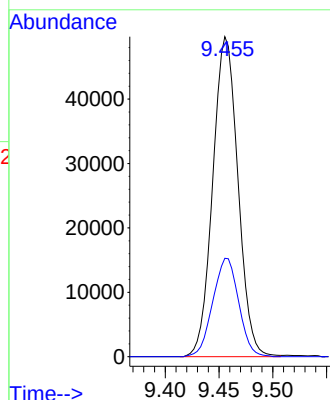
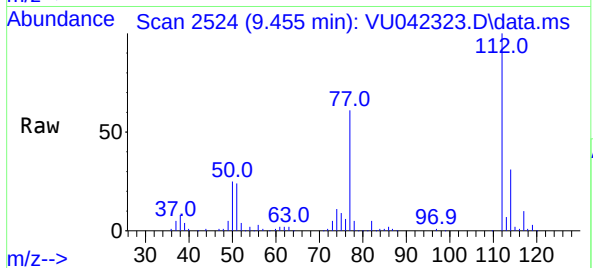
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#66

1,1,1,2-Tetrachloroethane

Concen: 16.62 ug/l

RT: 9.545 min Scan# 2552

Delta R.T. 0.003 min

Lab File: VU042323.D

Acq: 17 Feb 2021 12:19

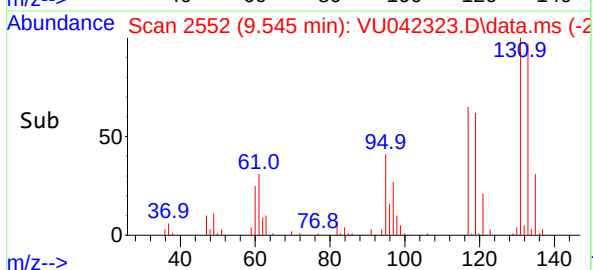
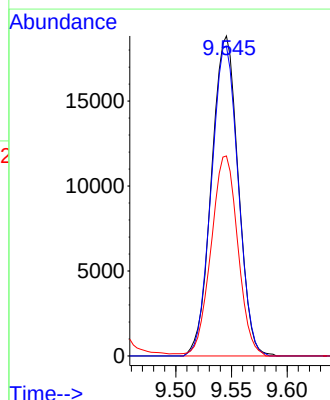
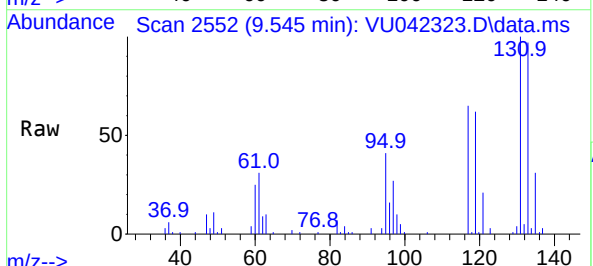
Tgt Ion:131 Resp: 31363

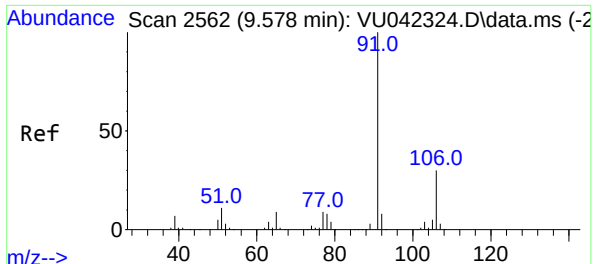
Ion Ratio Lower Upper

131 100

133 97.3 47.6 142.9

119 62.7 31.9 95.5





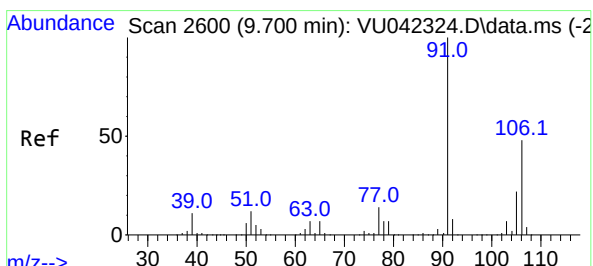
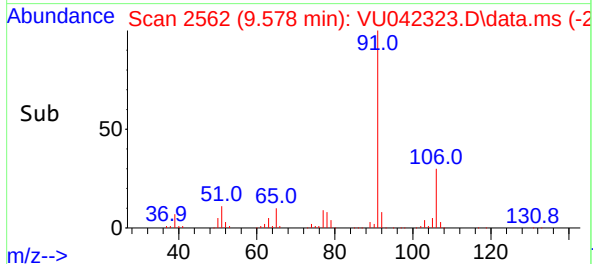
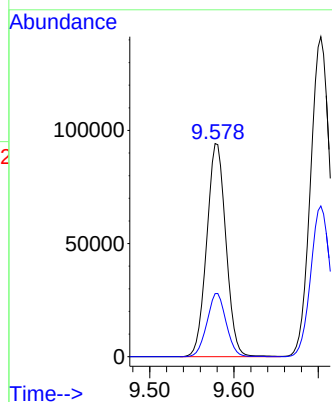
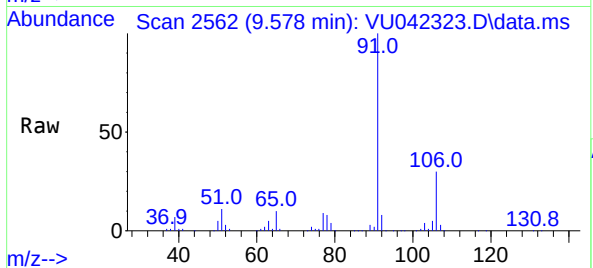
#67
Ethyl Benzene
Concen: 18.44 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 91 Resp: 149358
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

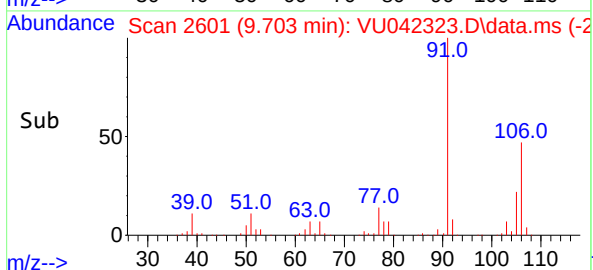
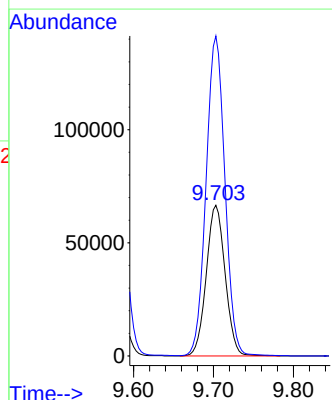
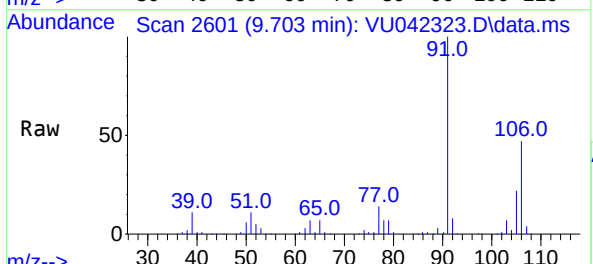
Manual Integrations
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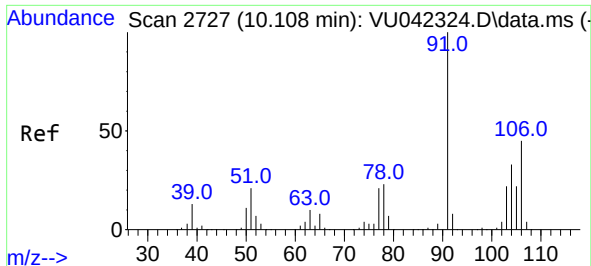
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#68
m/p-Xylenes
Concen: 36.19 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 106 Resp: 109439
Ion Ratio Lower Upper
106 100
91 211.9 169.9 254.9





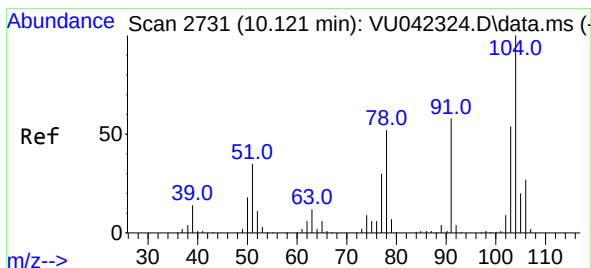
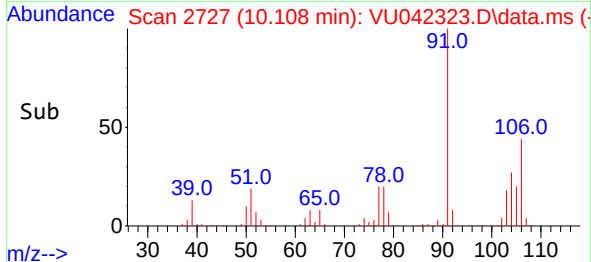
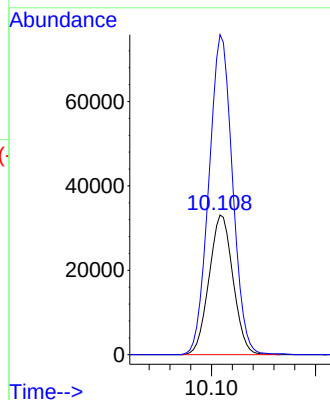
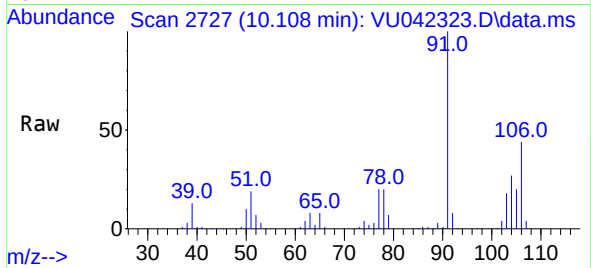
#69
o-Xylene
Concen: 17.91 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:106 Resp: 52954
Ion Ratio Lower Upper
106 100
91 226.1 111.2 333.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

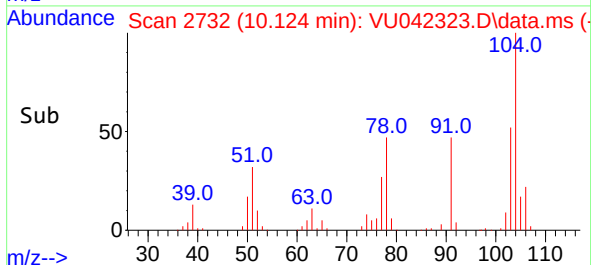
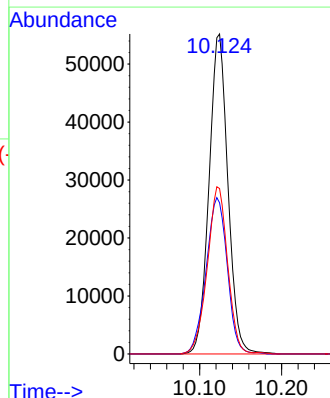
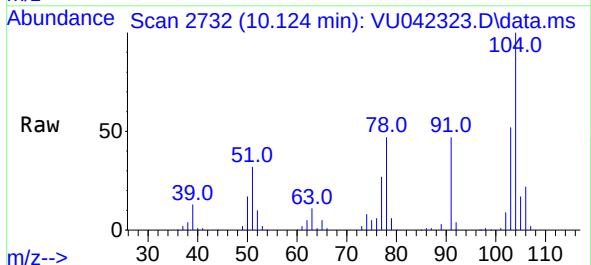
Manual Integrations
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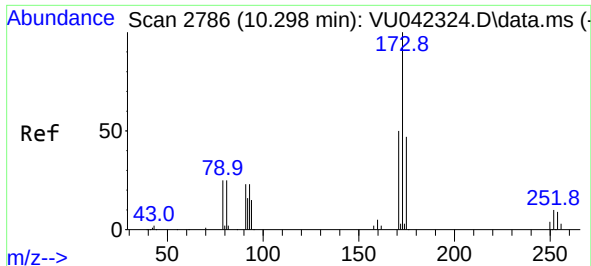
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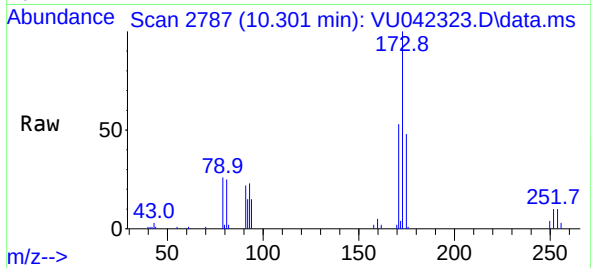
#70
Styrene
Concen: 17.20 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:104 Resp: 88324
Ion Ratio Lower Upper
104 100
78 54.8 44.8 67.2
103 56.1 45.7 68.5

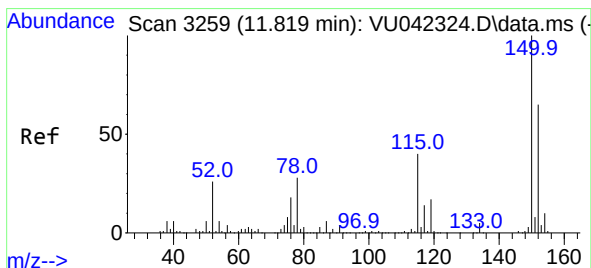
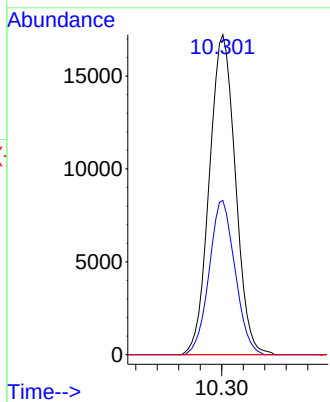
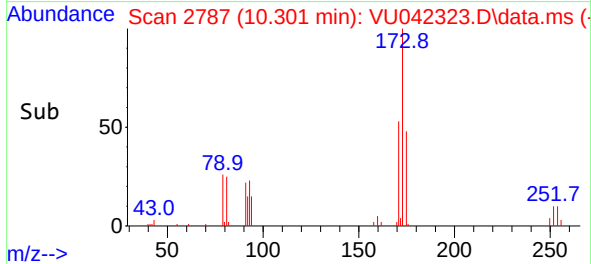




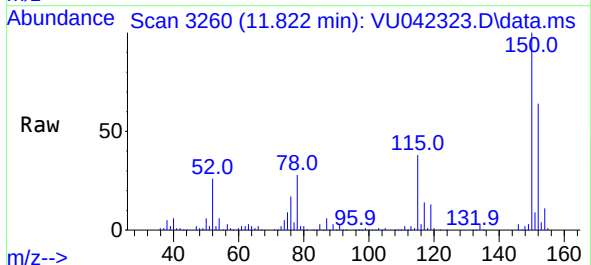
#71
Bromoform
Concen: 17.47 ug/l
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



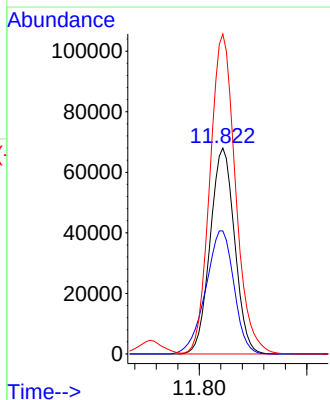
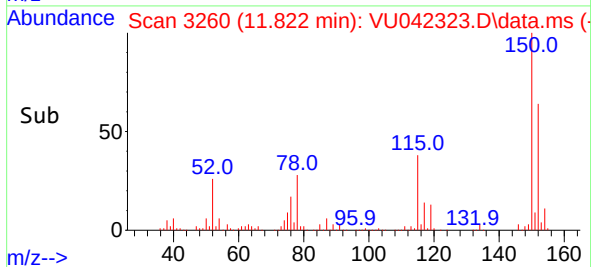
Tgt Ion:173 Resp: 29001
Ion Ratio Lower Upper
173 100
175 47.9 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



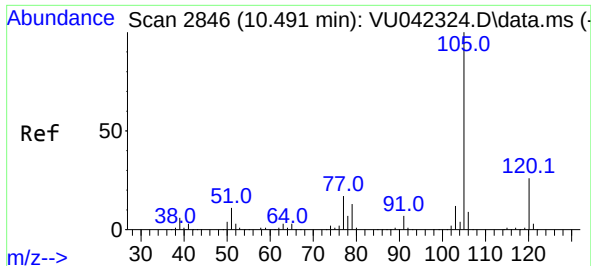
Tgt Ion:152 Resp: 107289
Ion Ratio Lower Upper
152 100
115 69.0 41.5 124.6
150 162.8 0.0 342.4



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

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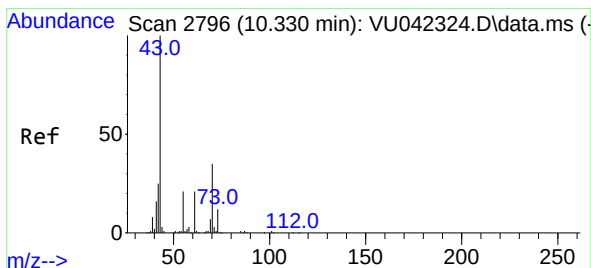
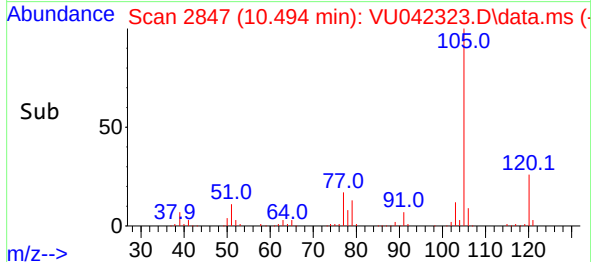
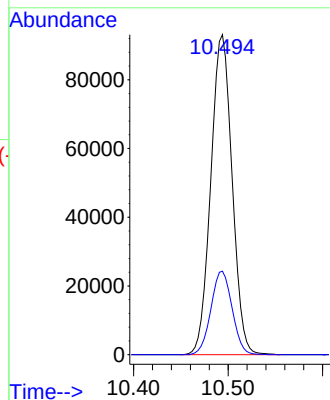
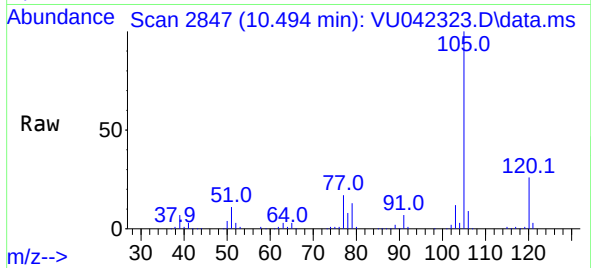
#73
Isopropylbenzene
Concen: 20.79 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:105 Resp: 145668
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

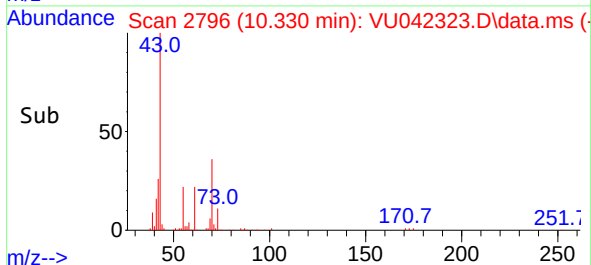
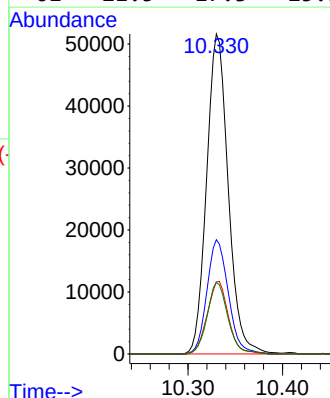
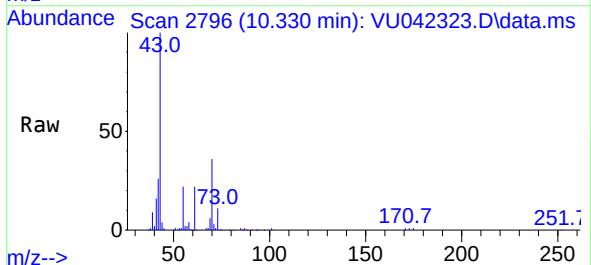
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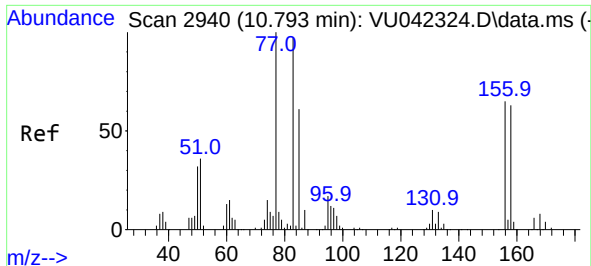
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#74
N-ethyl acetate
Concen: 27.05 ug/l
RT: 10.330 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 43 Resp: 82020
Ion Ratio Lower Upper
43 100
70 35.3 28.3 42.5
55 22.1 17.2 25.8
61 21.5 17.3 25.9





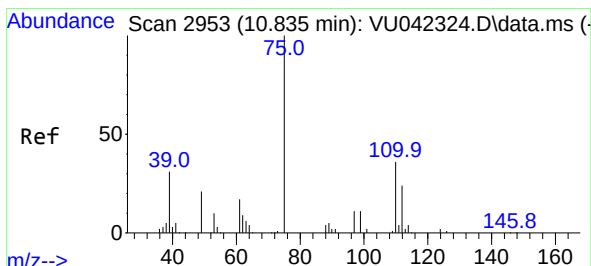
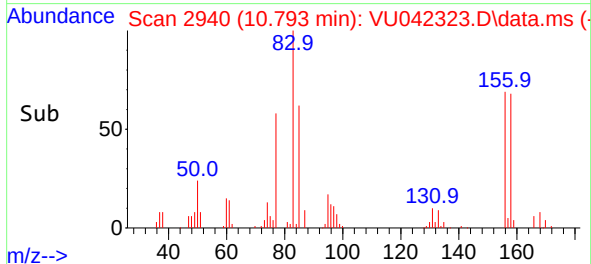
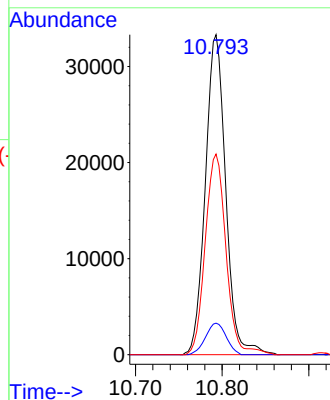
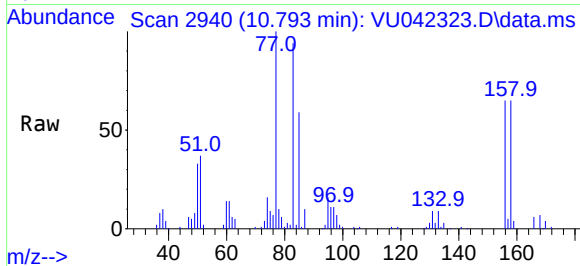
#75
1,1,2,2-Tetrachloroethane
Concen: 19.11 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 83 Resp: 54429
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.2
85 64.1 31.7 95.1

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

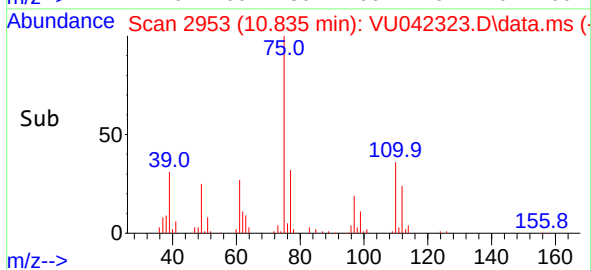
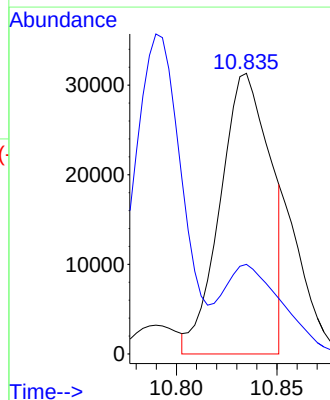
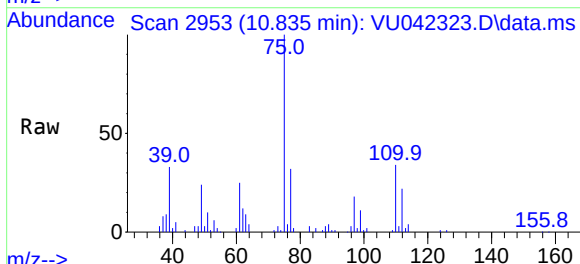
Manual Integrations
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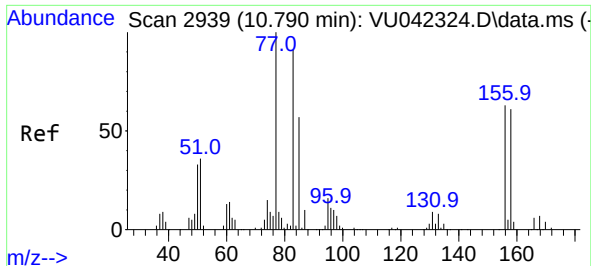
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#76
1,2,3-Trichloropropane
Concen: 22.37 ug/l m
RT: 10.835 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 75 Resp: 54038
Ion Ratio Lower Upper
75 100
77 37.0 20.2 60.5





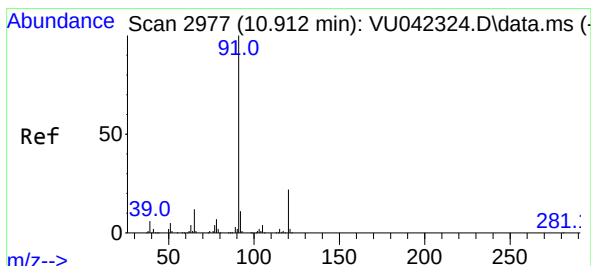
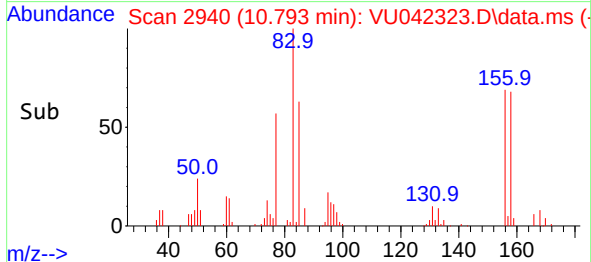
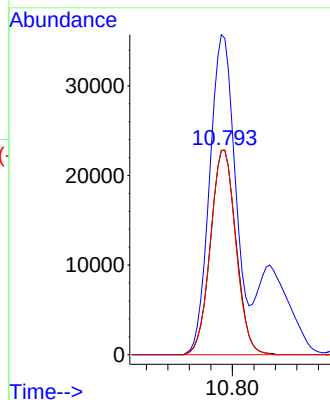
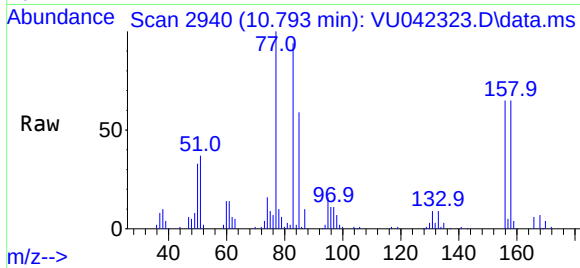
#77
Bromobenzene
Concen: 19.34 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:156 Resp: 37795
Ion Ratio Lower Upper
156 100
77 156.2 79.3 238.1
158 99.0 48.3 144.9

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

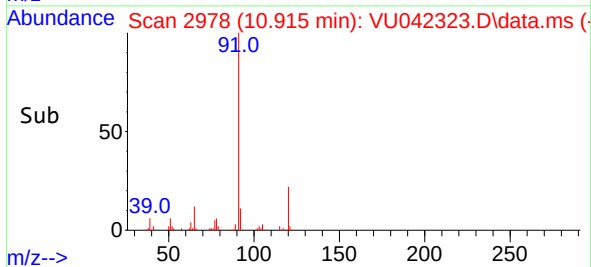
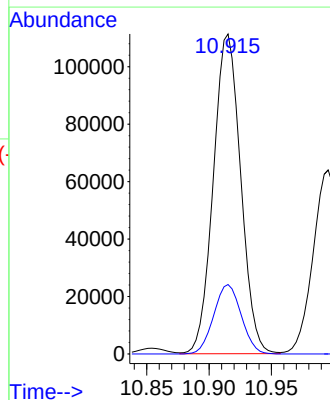
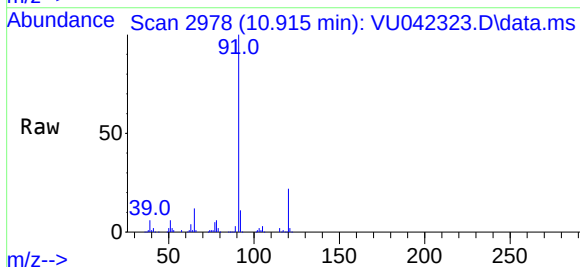
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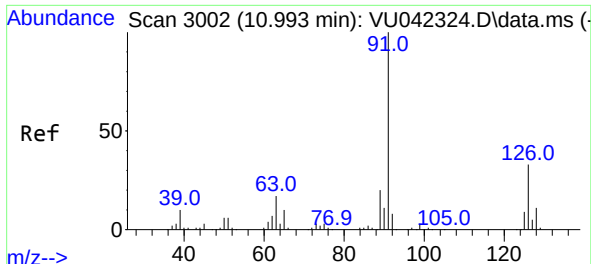
MMDadoda
2/19/2021 2:40:45 PM



#78
n-propylbenzene
Concen: 21.01 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 91 Resp: 170290
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.6





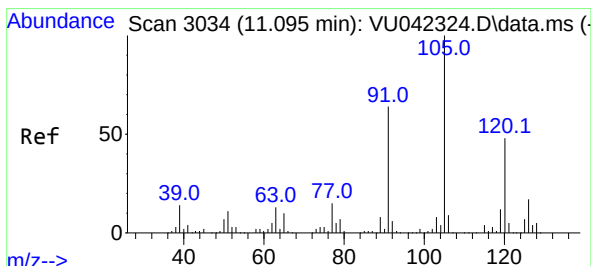
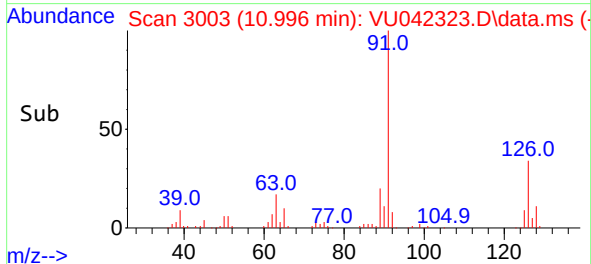
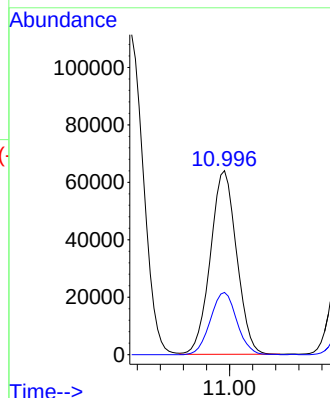
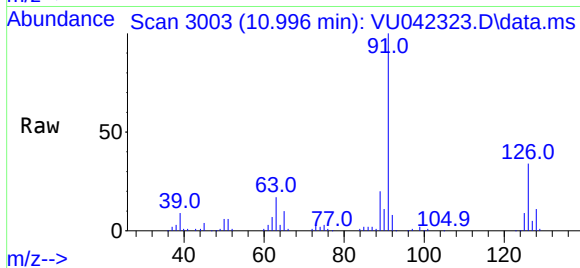
#79
2-Chlorotoluene
Concen: 20.36 ug/l
RT: 10.996 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 91 Resp: 100827
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

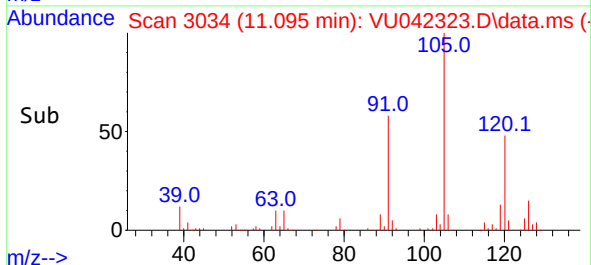
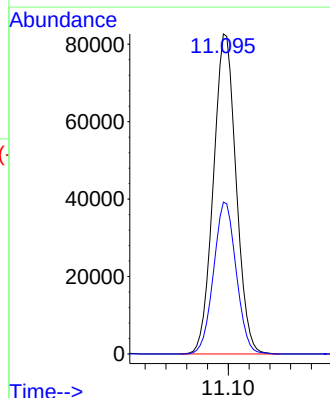
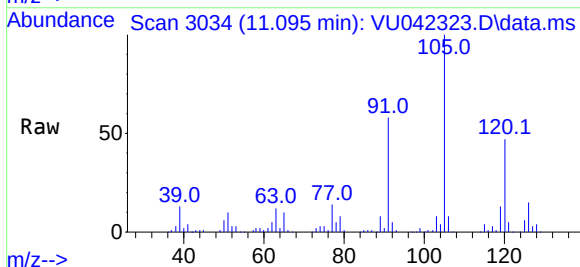
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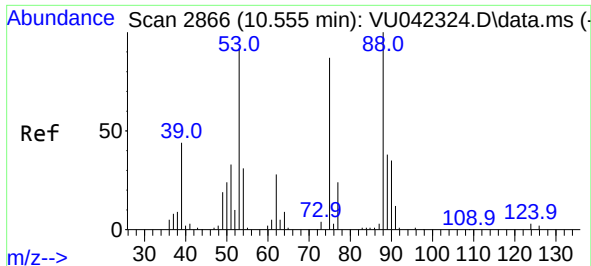
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2/19/2021 2:40:45 PM



#80
1,3,5-Trimethylbenzene
Concen: 21.41 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:105 Resp: 125522
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.4





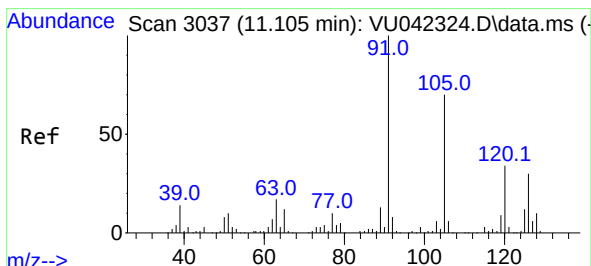
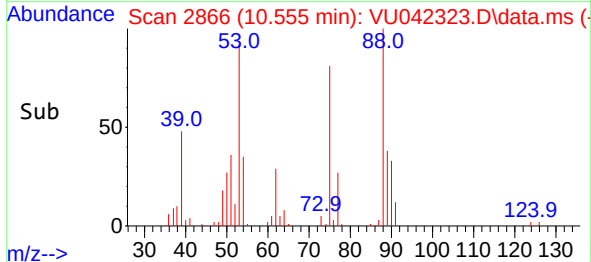
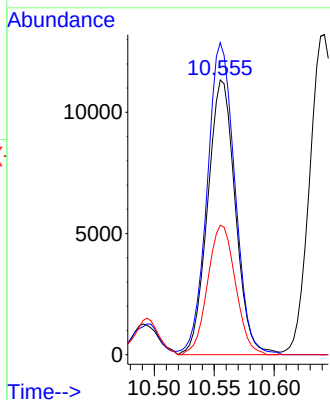
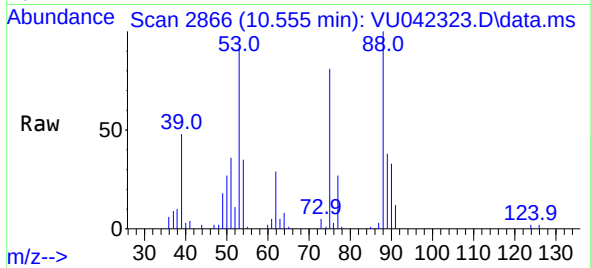
#81
trans-1,4-Dichloro-2-butene
Concen: 24.19 ug/l
RT: 10.555 min Scan# 2866
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion: 75 Resp: 18194
Ion Ratio Lower Upper
75 100
53 113.5 85.6 128.4
89 47.3 35.7 53.5

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

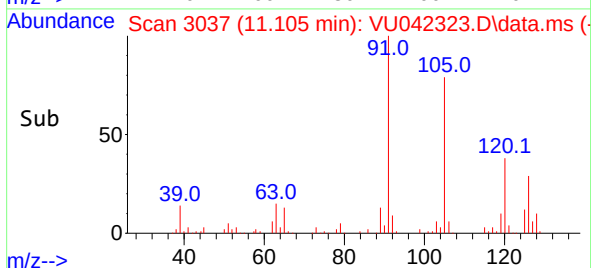
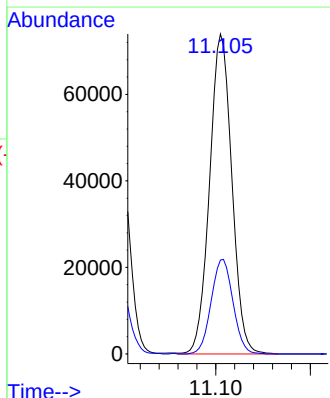
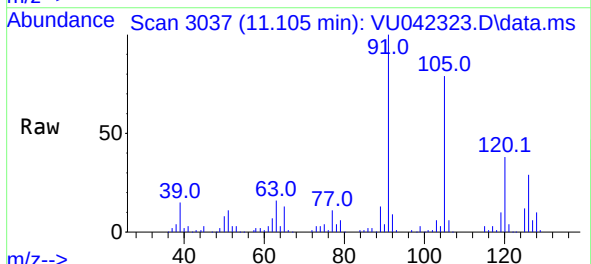
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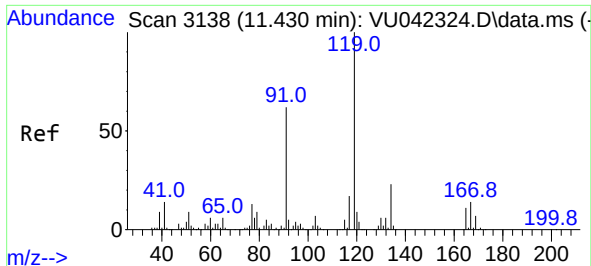
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.19 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

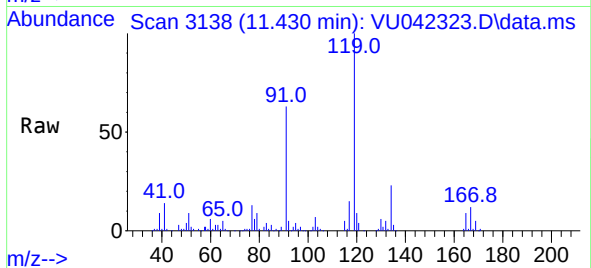
Tgt Ion: 91 Resp: 120786
Ion Ratio Lower Upper
91 100
126 29.0 14.6 44.0





#83
tert-Butylbenzene
Concen: 20.68 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

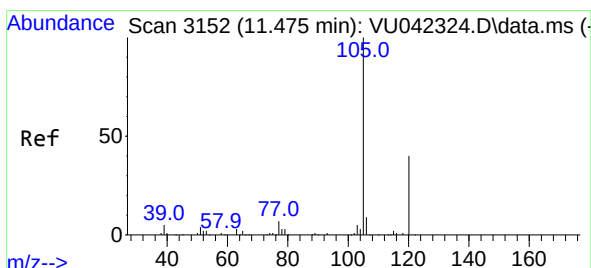
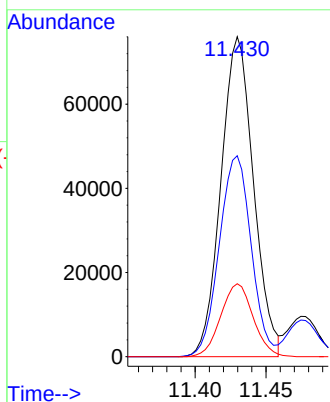
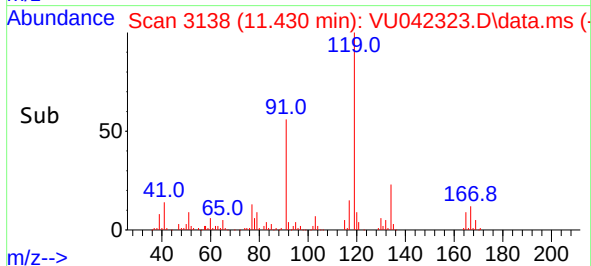
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



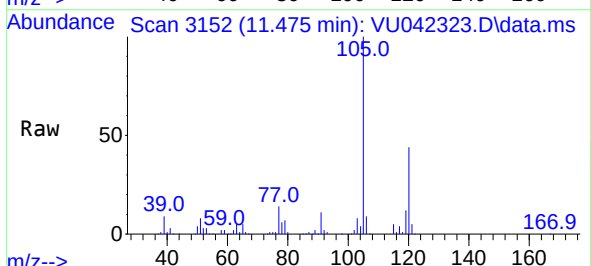
Tgt Ion:119 Resp: 121683
Ion Ratio Lower Upper
119 100
91 61.4 30.3 90.9
134 22.7 11.4 34.1

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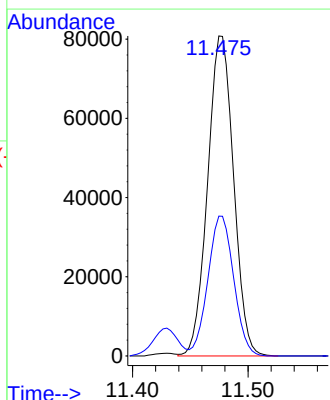
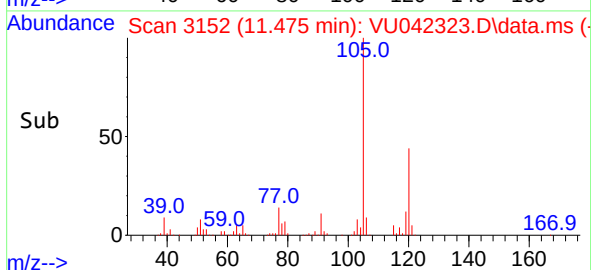
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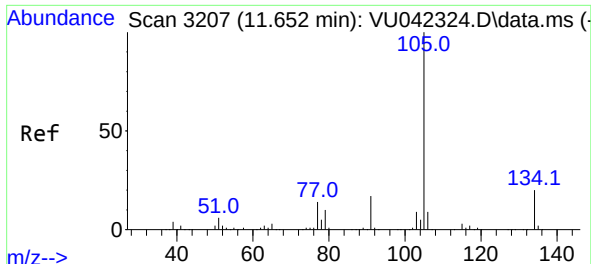


#84
1,2,4-Trimethylbenzene
Concen: 21.40 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



Tgt Ion:105 Resp: 126205
Ion Ratio Lower Upper
105 100
120 43.4 22.3 66.8





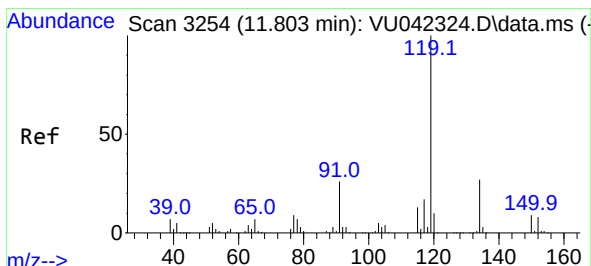
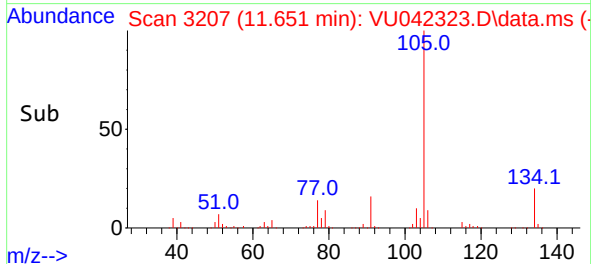
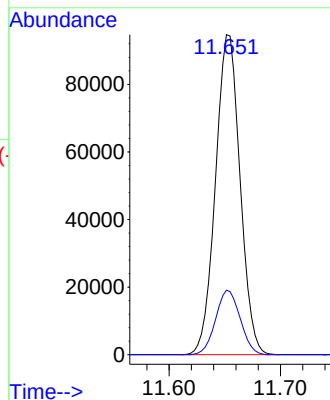
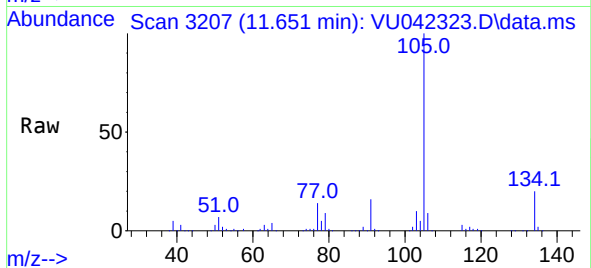
#85
sec-Butylbenzene
Concen: 21.00 ug/l
RT: 11.651 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:105 Resp: 145020
Ion Ratio Lower Upper
105 100
134 20.1 10.0 30.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

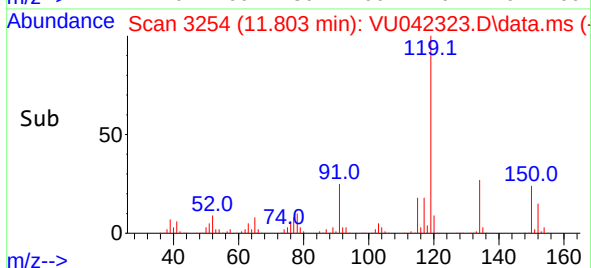
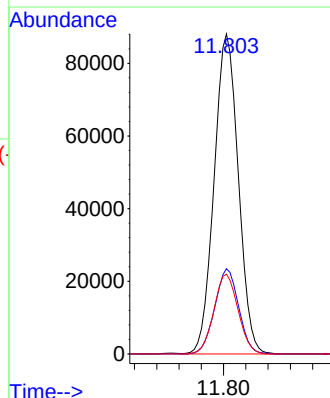
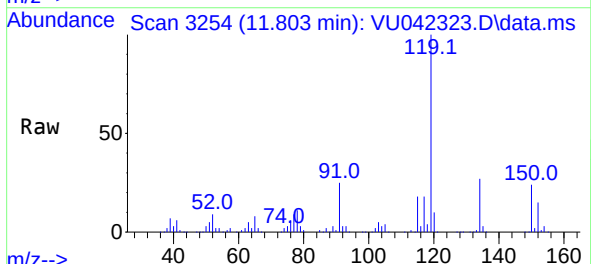
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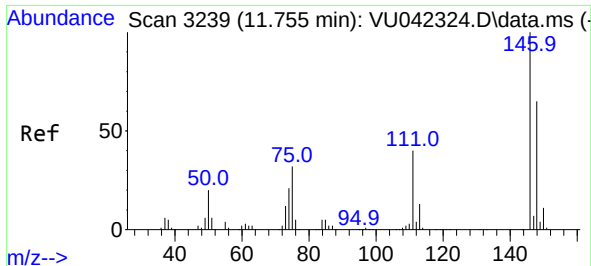
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#86
p-Isopropyltoluene
Concen: 20.82 ug/l
RT: 11.803 min Scan# 3254
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:119 Resp: 132695
Ion Ratio Lower Upper
119 100
134 26.4 13.2 39.6
91 24.9 12.8 38.3





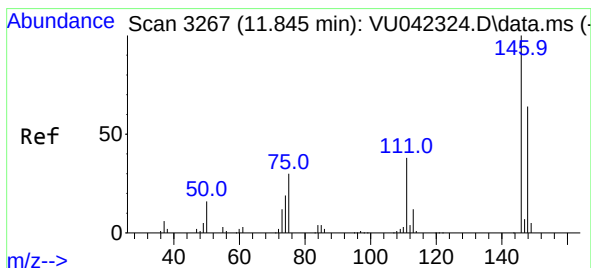
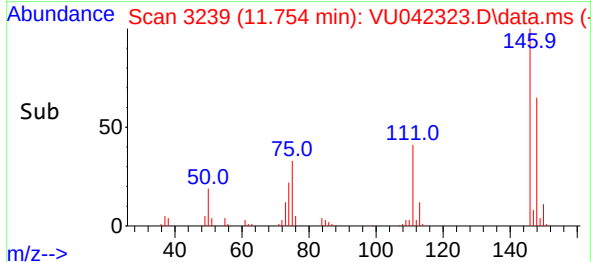
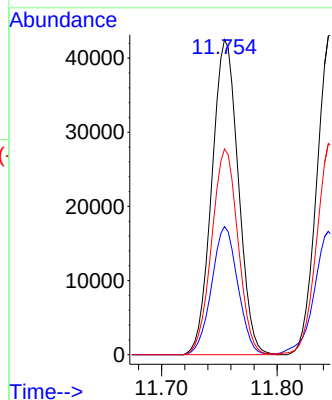
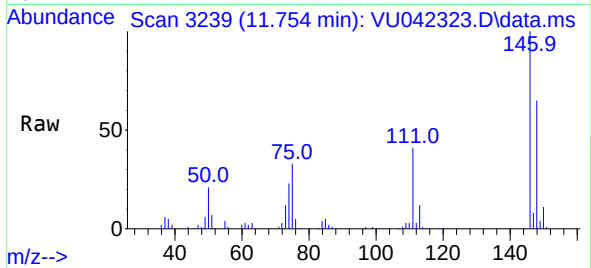
#87
1,3-Dichlorobenzene
Concen: 19.04 ug/l
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:146 Resp: 67601
Ion Ratio Lower Upper
146 100
111 40.3 19.9 59.6
148 64.9 32.0 96.2

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

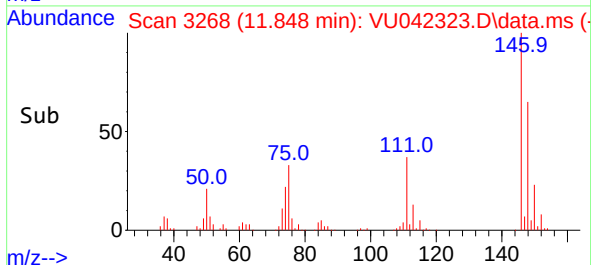
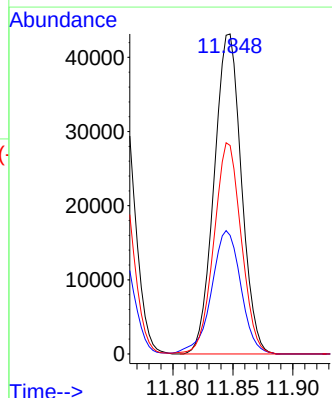
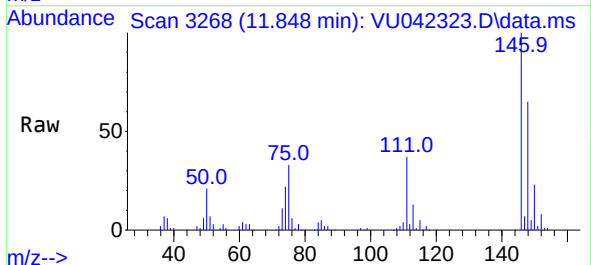
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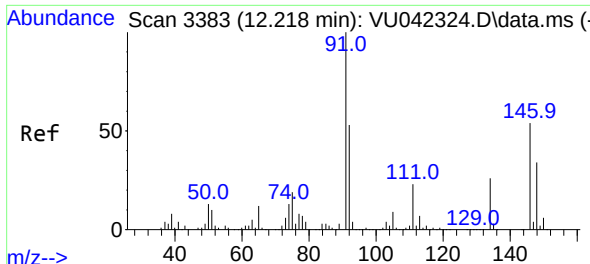
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#88
1,4-Dichlorobenzene
Concen: 18.42 ug/l
RT: 11.848 min Scan# 3268
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

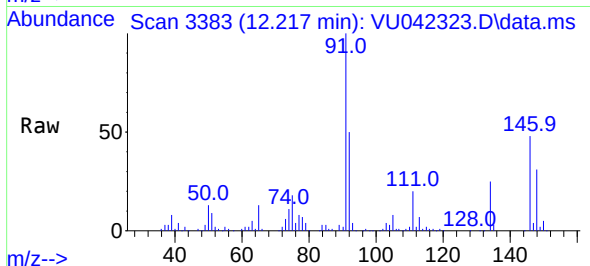
Tgt Ion:146 Resp: 68111
Ion Ratio Lower Upper
146 100
111 41.6 19.7 59.0
148 66.3 32.8 98.3





#89
n-Butylbenzene
Concen: 21.44 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

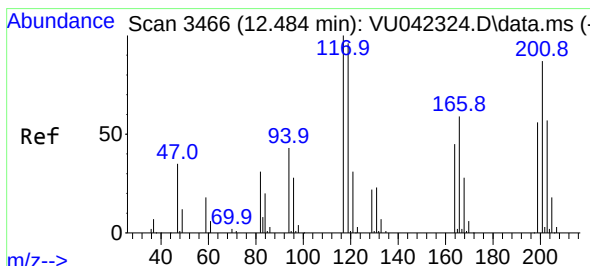
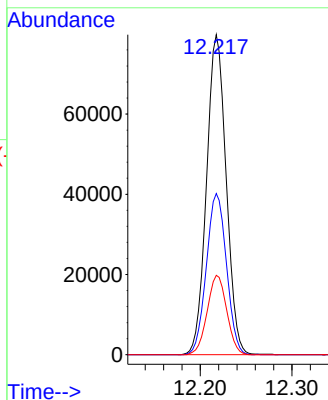
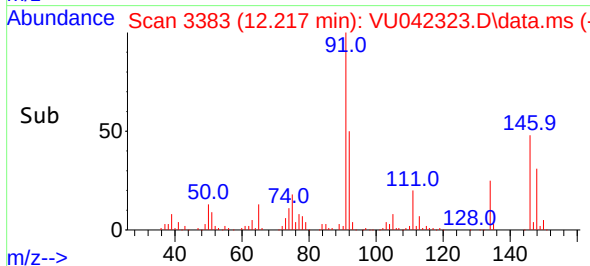
Instrument :
MSVOA_U
ClientSampled :
VSTDIC020



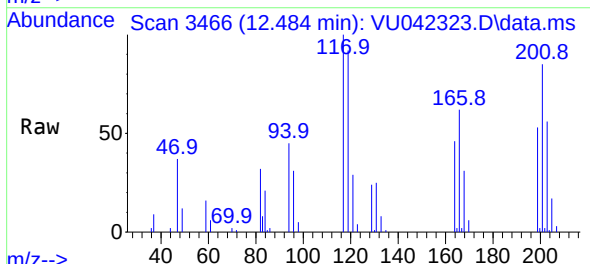
Tgt Ion: 91 Resp: 118733
Ion Ratio Lower Upper
91 100
92 51.6 26.2 78.6
134 24.7 12.7 38.1

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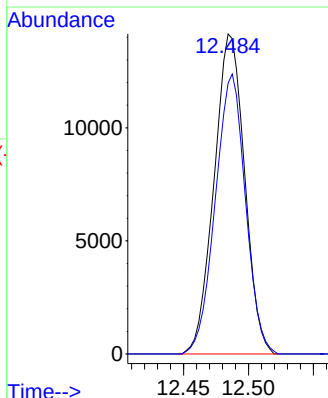
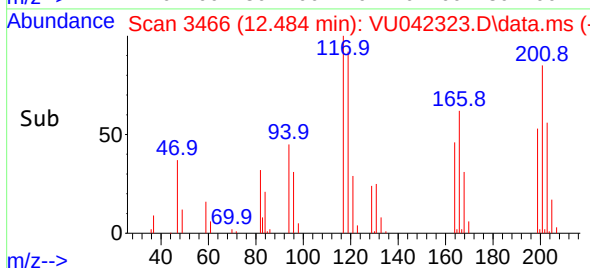
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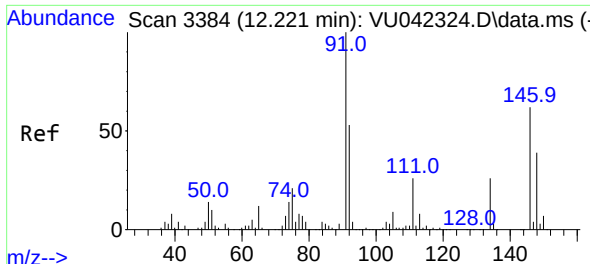


#90
Hexachloroethane
Concen: 21.86 ug/l
RT: 12.484 min Scan# 3466
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



Tgt Ion: 117 Resp: 23076
Ion Ratio Lower Upper
117 100
201 86.5 43.5 130.7





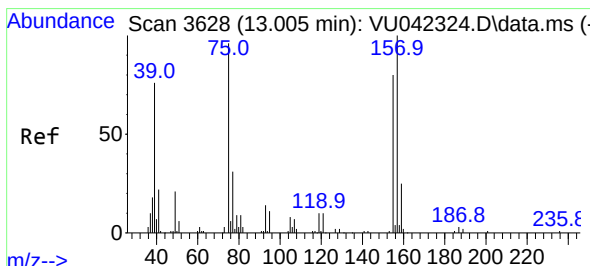
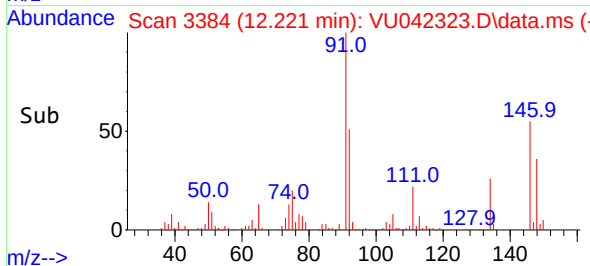
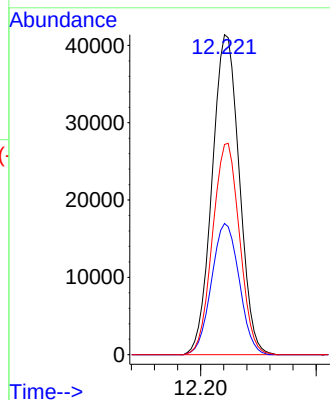
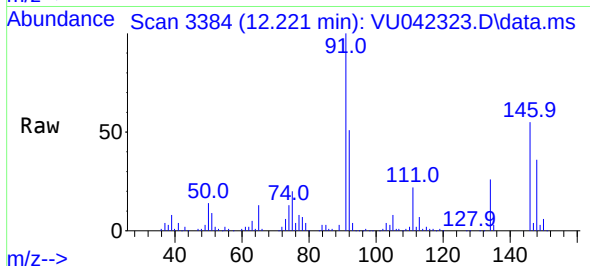
#91
1,2-Dichlorobenzene
Concen: 19.27 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

Tgt Ion:146 Resp: 67559
Ion Ratio Lower Upper
146 100
111 41.9 20.8 62.4
148 65.8 31.9 95.7

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

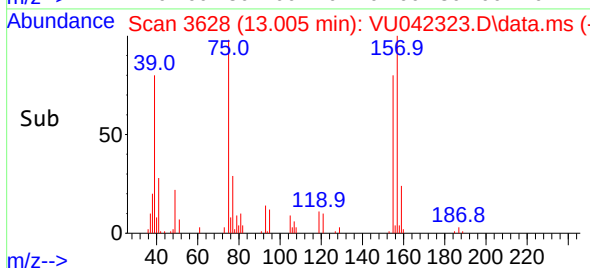
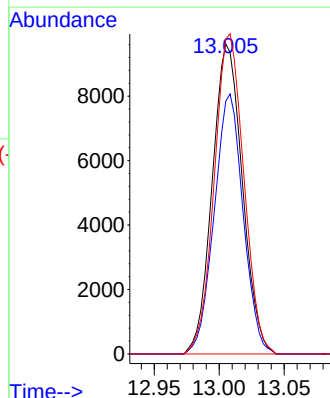
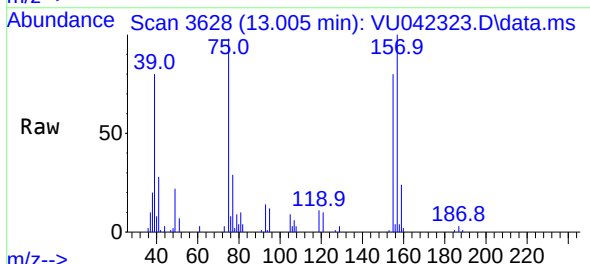
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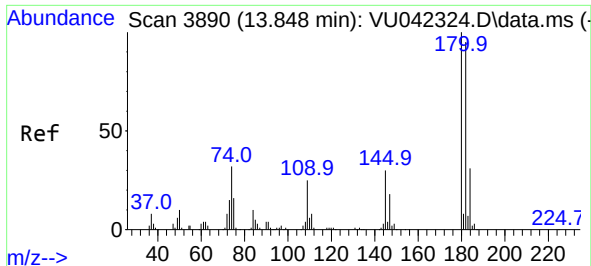
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#92
1,2-Dibromo-3-Chloropropane
Concen: 27.72 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

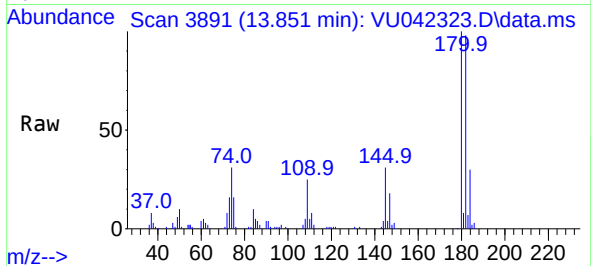
Tgt Ion: 75 Resp: 15477
Ion Ratio Lower Upper
75 100
155 80.7 41.7 125.1
157 101.4 53.9 161.7





#93
1,2,4-Trichlorobenzene
Concen: 21.72 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

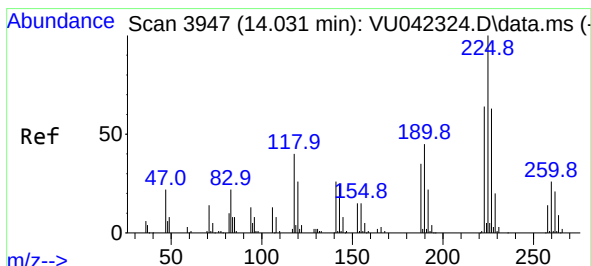
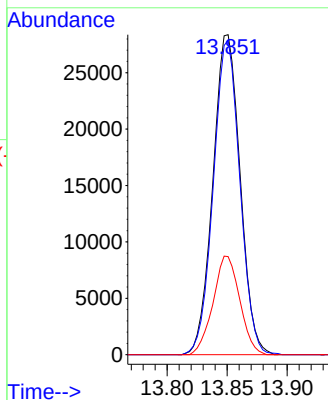
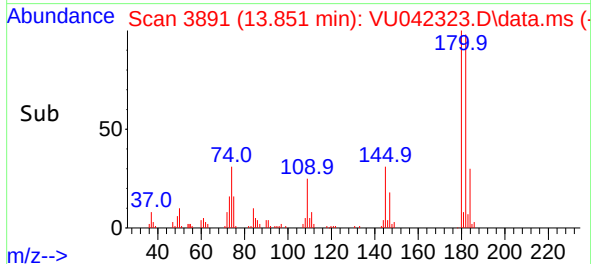
Instrument :
MSVOA_U
ClientSampled :
VSTDIC020



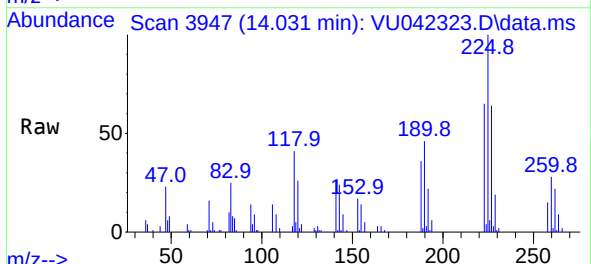
Tgt Ion:180 Resp: 44727
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.8
145 30.2 14.4 43.4

Manual Integrations
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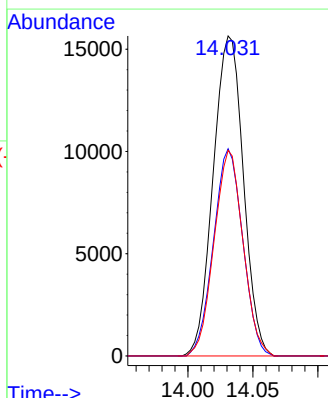
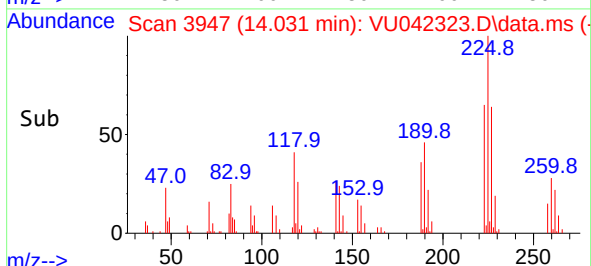
MMDadoda
2/19/2021 2:40:45 PM

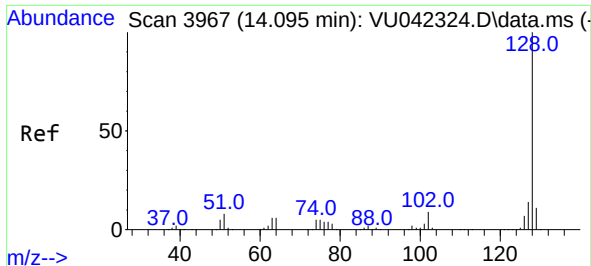


#94
Hexachlorobutadiene
Concen: 20.54 ug/l
RT: 14.031 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19

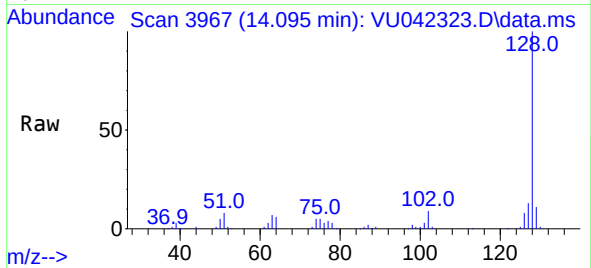


Tgt Ion:225 Resp: 25288
Ion Ratio Lower Upper
225 100
223 62.6 32.3 96.9
227 61.5 31.8 95.4

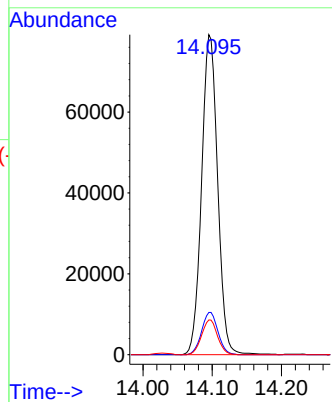
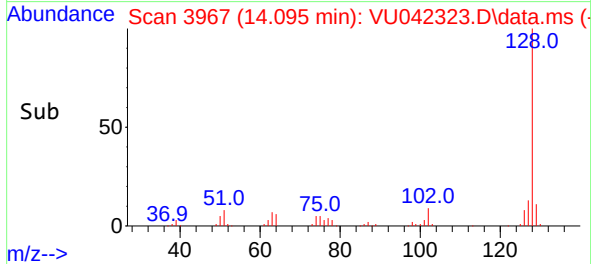




#95
Naphthalene
Concen: 22.49 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



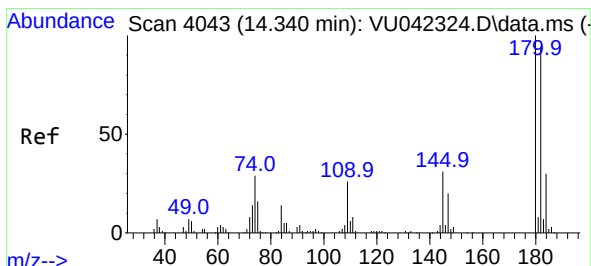
Tgt Ion:128 Resp: 126942
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.8 8.6 13.0



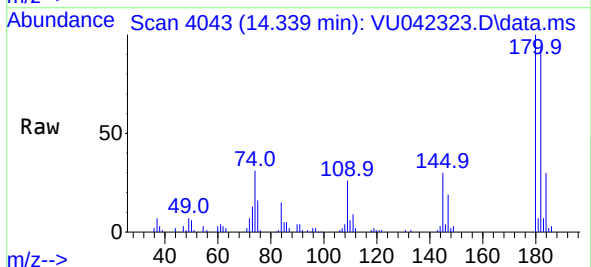
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
2/19/2021 2:40:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.52 ug/l
RT: 14.339 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042323.D
Acq: 17 Feb 2021 12:19



Tgt Ion:180 Resp: 43886
Ion Ratio Lower Upper
180 100
182 93.3 48.0 144.0
145 29.6 15.5 46.5

