

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050420\
 Data File : VU037996.D
 Acq On : 04 May 2020 10:44
 Operator : JC/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

apatel
 5/5/2020 11:15:36 AM

Quant Time: May 05 01:46:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 01:36:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	89984	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	34976	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	33882	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
Target Compounds					Ovalue	
2) Dichlorodifluoromethane	1.40	85	15343	0.367	ug/l	97
3) Chloromethane	1.54	50	19367	0.460	ug/l	99
4) Vinyl Chloride	1.62	62	18135	0.479	ug/l	98
5) Bromomethane	1.87	94	13683	0.958	ug/l	100
6) Chloroethane	1.95	64	10834	0.571	ug/l	96
7) Trichlorofluoromethane	2.16	101	18278	0.403	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	11616	0.525	ug/l	97
9) 1,1-Dichloroethene	2.61	96	11921	0.562	ug/l	96
10) Iodomethane	2.75	142	2335	0.221	ug/l	100
11) Allyl Chloride	2.95	41	22661	0.552	ug/l	96
12) Acrylonitrile	3.36	53	6348	1.225	ug/l	86
13) Acetone	2.66	43	14935	2.710	ug/l	95
14) Carbon Disulfide	2.82	76	44736	0.623	ug/l	97
15) Methylene Chloride	3.08	84	21638	0.805	ug/l	95
16) trans-1,2-Dichloroethene	3.39	96	13684	0.603	ug/l	97
17) 1,1-Dichloroethane	3.91	63	25125	0.493	ug/l	98
18) 2-Butanone	4.76	43	19964	2.402	ug/l	98
19) Cyclohexane	5.42	56	24186m	0.551	ug/l	
20) Methylcyclohexane	6.79	83	22639	0.520	ug/l	94
21) 2,2-Dichloropropane	4.71	77	20795	0.452	ug/l	97
22) cis-1,2-Dichloroethene	4.71	96	13491	0.494	ug/l	94
23) Diethyl Ether	2.40	59	10400	0.572	ug/l	99
24) tert-Butyl Alcohol	3.24	59	13178	6.763	ug/l #	93
25) Methyl tert-Butyl Ether	3.41	73	33618	0.545	ug/l #	85
26) Bromochloromethane	5.02	128	5646	0.476	ug/l	96
27) Chloroform	5.12	83	24091	0.447	ug/l	100
28) 1,1,1-Trichloroethane	5.35	97	19116	0.418	ug/l	97
29) 1,1-Dichloropropene	5.56	75	19442	0.509	ug/l	97
30) Carbon Tetrachloride	5.56	117	15814	0.400	ug/l	97
31) Isopropyl Ether	4.04	45	39216	0.481	ug/l	94
32) Ethyl-t-butyl ether	4.56	59	35819	0.469	ug/l	100
33) Tert-Amyl methyl ether	5.98	73	31467	0.481	ug/l	99
34) Propionitrile	4.83	54	5333	2.435	ug/l #	91
35) Benzene	5.81	78	54337	0.502	ug/l	96
36) 1,2-Dichloroethane	5.83	62	15840	0.414	ug/l	98
37) Trichloroethene	6.57	130	14823	0.521	ug/l	97
38) 1,2-Dichloropropane	6.82	63	14587	0.493	ug/l	100
39) Methacrylonitrile	5.02	41	5603	0.536	ug/l	94
40) Methyl acrylate	4.89	55	7419	0.502	ug/l #	90
41) Tetrahydrofuran	5.11	42	5617	1.077	ug/l	96
42) 1-Chlorobutane	5.49	56	27411	0.500	ug/l	97

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Manual Integrations
 APPROVED

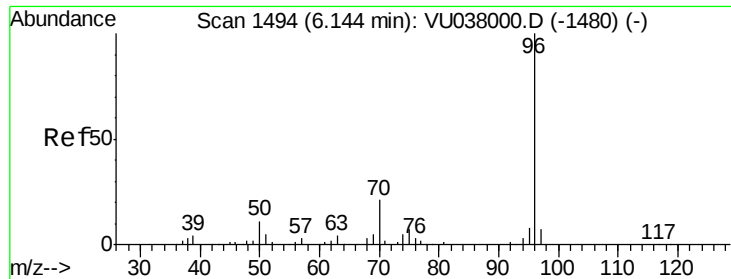
apatel
 5/5/2020 11:15:36 AM

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) Dibromomethane	6.95	93	7059	0.473	ug/l	93
44) Bromodichloromethane	7.14	83	16614	0.429	ug/l	92
45) 4-Methyl-2-Pentanone	7.83	43	47863	2.383	ug/l	100
46) t-1,4-Dichloro-2-butene	10.85	75	5733m	1.046	ug/l	
47) Methyl methacrylate	7.00	69	13264	1.051	ug/l	97
48) Ethyl methacrylate	8.36	69	12229	0.491	ug/l	100
49) Toluene	7.99	92	33558	0.514	ug/l	99
50) t-1,3-Dichloropropene	8.23	75	16750	0.471	ug/l	91
51) cis-1,3-Dichloropropene	7.64	75	20851	0.509	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	9732	0.485	ug/l	94
53) 1,3-Dichloropropane	8.60	76	17765	0.493	ug/l	99
54) 2-Hexanone	8.71	43	33547	2.430	ug/l	98
55) Dibromochloromethane	8.84	129	9983	0.408	ug/l	98
56) 1,2-Dibromoethane	8.95	107	9185	0.488	ug/l	95
58) Tetrachloroethene	8.57	164	13314	0.499	ug/l	97
59) Chlorobenzene	9.47	112	35497	0.488	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	10559	0.408	ug/l	95
61) Pentachloroethane	11.44	117	7817	0.396	ug/l	91
62) Hexachloroethane	12.49	117	8250	0.393	ug/l	98
63) Ethyl Benzene	9.59	91	61821	0.498	ug/l	99
64) m/p-Xylenes	9.72	106	46658	0.992	ug/l	98
65) o-Xylene	10.12	106	23398	0.514	ug/l	99
66) Styrene	10.13	104	36505	0.491	ug/l	100
67) Bromoform	10.31	173	5437	0.424	ug/l	98
69) Isopropylbenzene	10.50	105	59641	0.483	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.80	83	12507	0.475	ug/l	96
71) 1,2,3-Trichloropropane	10.85	75	7869m	0.379	ug/l	
72) Bromobenzene	10.80	156	13242	0.443	ug/l	95
73) n-propylbenzene	10.92	120	15715	0.479	ug/l	93
74) 2-Chlorotoluene	11.00	126	13607	0.463	ug/l	96
75) 1,3,5-Trimethylbenzene	11.11	105	48748	0.461	ug/l	100
76) 4-Chlorotoluene	11.11	126	13890	0.468	ug/l	96
77) tert-Butylbenzene	11.44	119	46346	0.449	ug/l	98
78) 1,2,4-Trimethylbenzene	11.48	105	49750	0.467	ug/l	98
79) sec-Butylbenzene	11.66	105	66148	0.467	ug/l	100
80) Nitrobenzene	13.23	77	2042	3.402	ug/l #	64
81) p-Isopropyltoluene	11.81	119	51109	0.459	ug/l	99
82) 1,3-Dichlorobenzene	11.76	146	28658	0.485	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	29872	0.500	ug/l	97
84) n-Butylbenzene	12.22	91	51769	0.486	ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	27200	0.477	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	2042	0.454	ug/l	90
87) 1,2,4-Trichlorobenzene	13.87	180	20027	0.668	ug/l	99
88) Hexachlorobutadiene	14.06	225	8570	0.479	ug/l	94
89) Naphthalene	14.12	128	38202	0.735	ug/l	99
90) 1,2,3-Trichlorobenzene	14.37	180	18099	0.627	ug/l	94

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

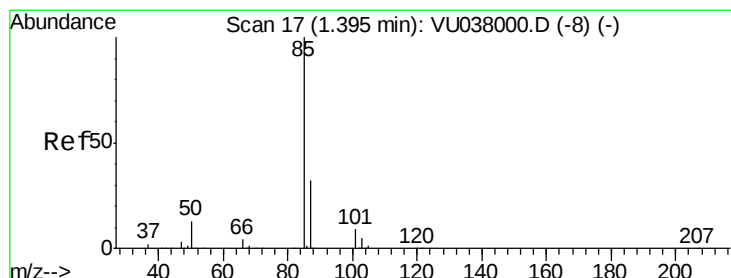
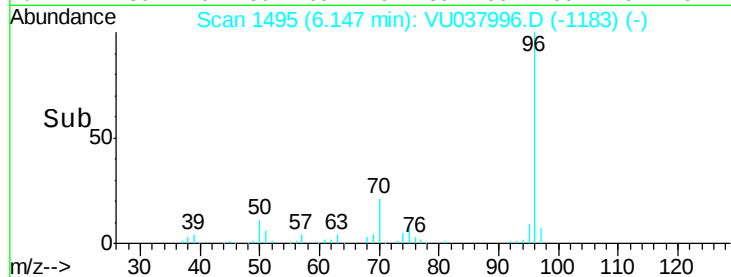
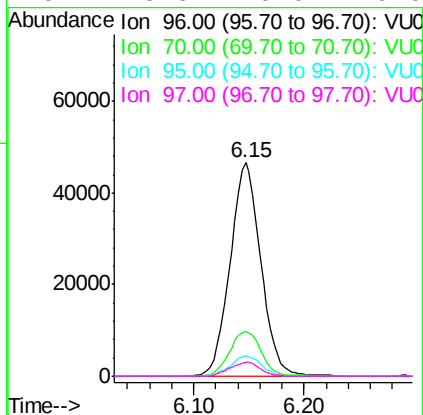
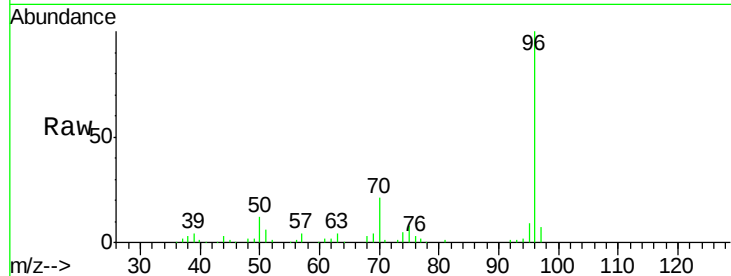
ClientSampleId :

VSTDIC0.5

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
70	21.1	14.4	21.6	
95	9.5	7.1	10.7	
97	6.6	0.0	0.0	

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#2

Dichlorodifluoromethane

Concen: 0.367 ug/l

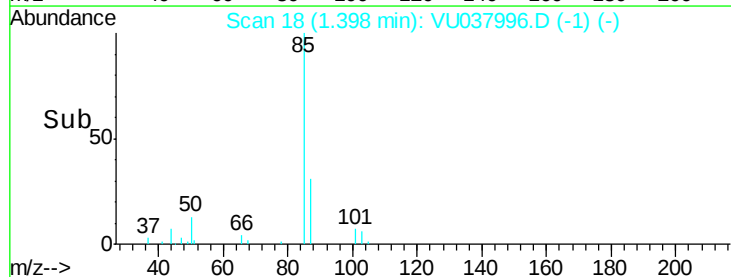
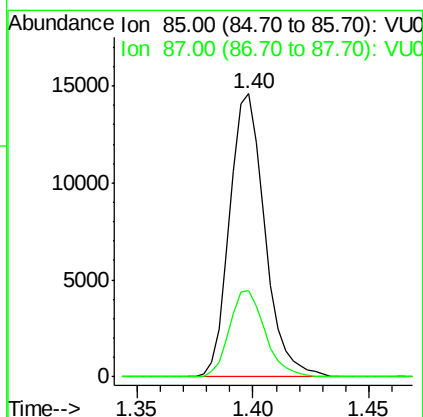
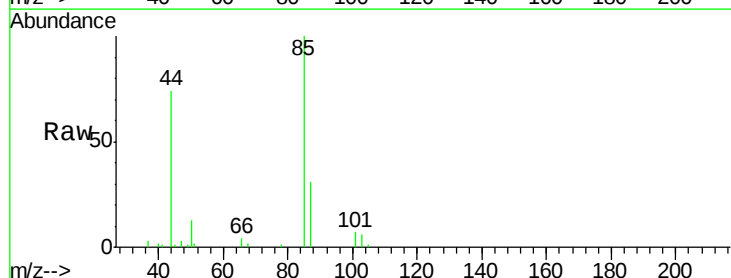
RT: 1.40 min Scan# 18

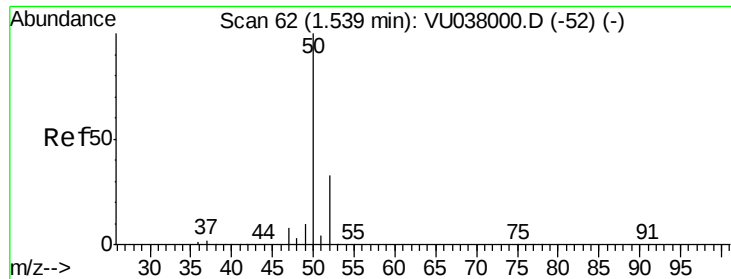
Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	30.7	16.2	48.5	





#3

Chloromethane

Concen: 0.460 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 50 Resp: 19367

Ion Ratio Lower Upper

50 100

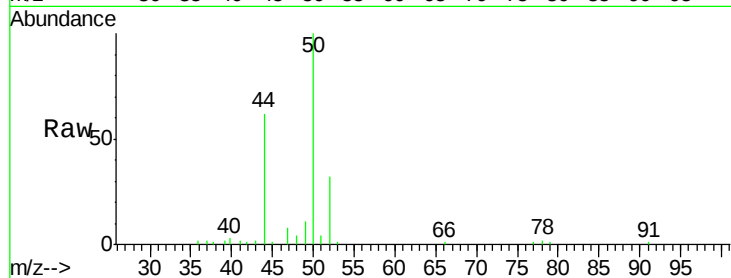
52 31.9 26.1 39.1

Manual Integrations

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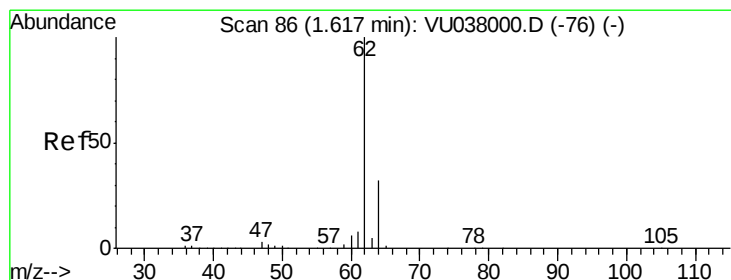
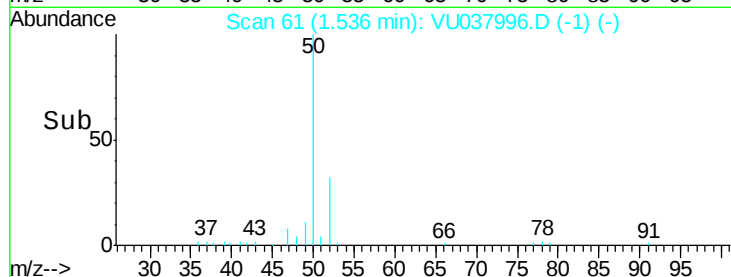
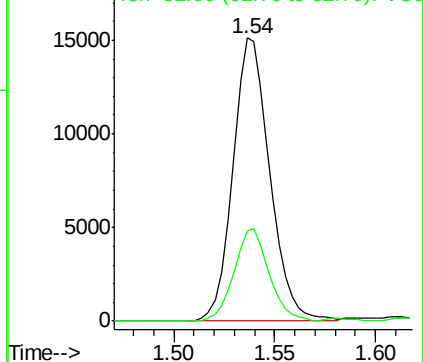
apatel

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Abundance Ion 50.00 (49.70 to 50.70): VU038000.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU038000.D (-52) (-)



#4

Vinyl Chloride

Concen: 0.479 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037996.D

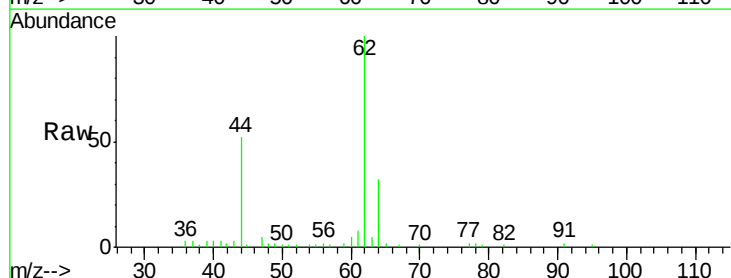
Acq: 04 May 2020 10:44

Tgt Ion: 62 Resp: 18135

Ion Ratio Lower Upper

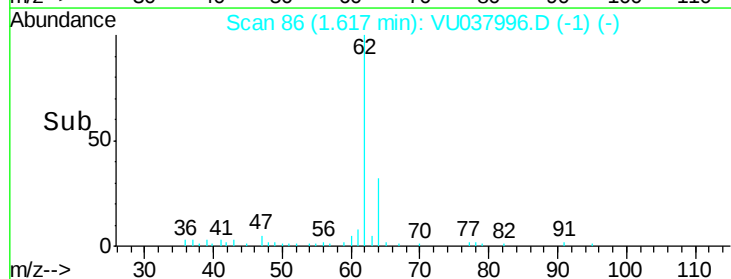
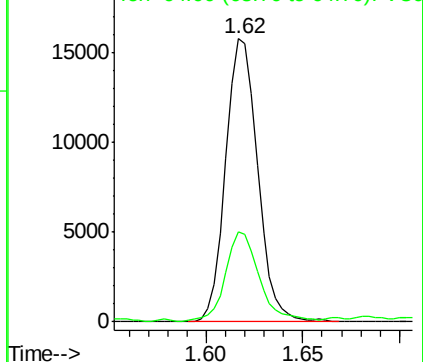
62 100

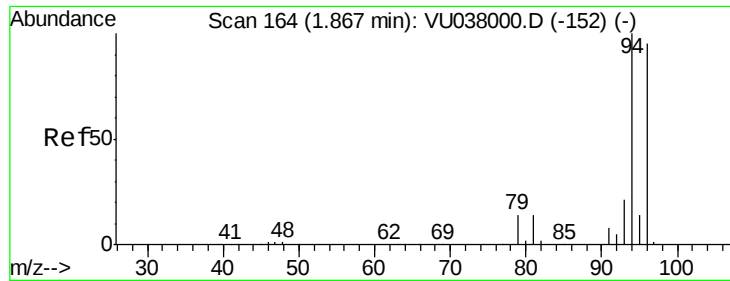
64 30.9 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU038000.D (-76) (-)

Ion 64.00 (63.70 to 64.70): VU038000.D (-76) (-)





#5

Bromomethane

Concen: 0.958 ug/l

RT: 1.87 min Scan# 166

Delta R.T. 0.01 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 94 Resp: 13683

Ion Ratio Lower Upper

94 100

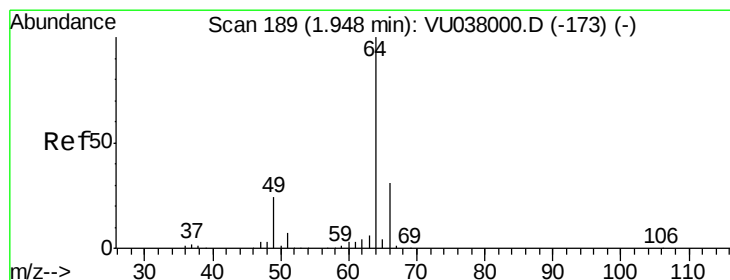
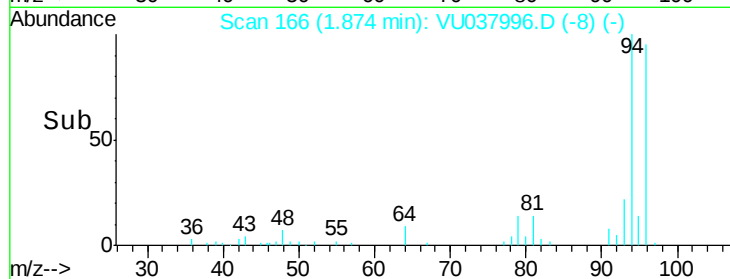
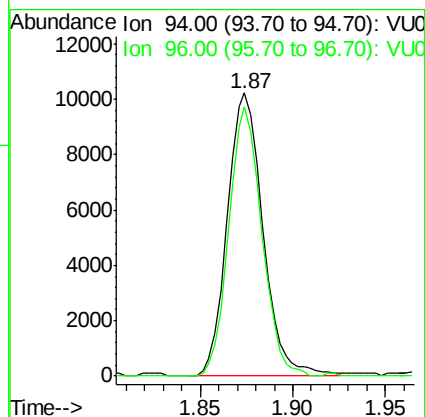
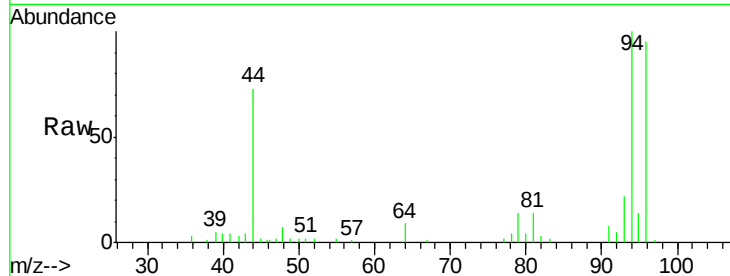
96 95.0 76.1 114.1

Manual Integrations

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#6

Chloroethane

Concen: 0.571 ug/l

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU037996.D

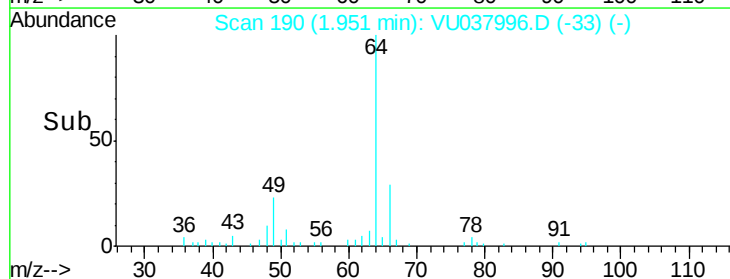
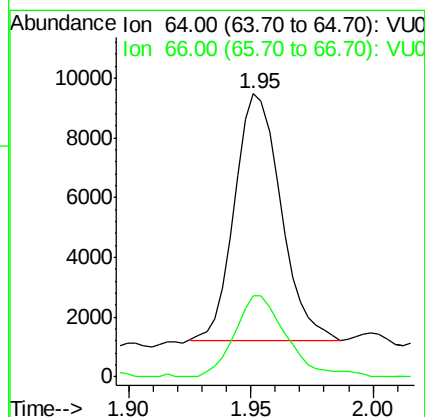
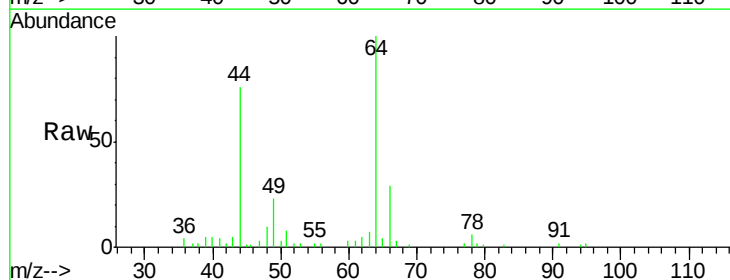
Acq: 04 May 2020 10:44

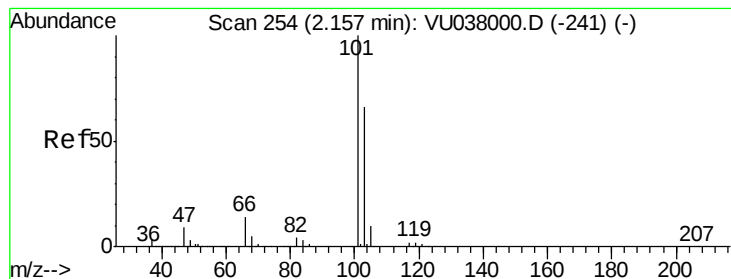
Tgt Ion: 64 Resp: 10834

Ion Ratio Lower Upper

64 100

66 33.0 24.8 37.2





#7

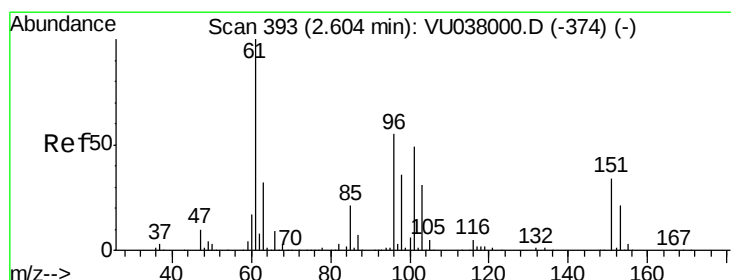
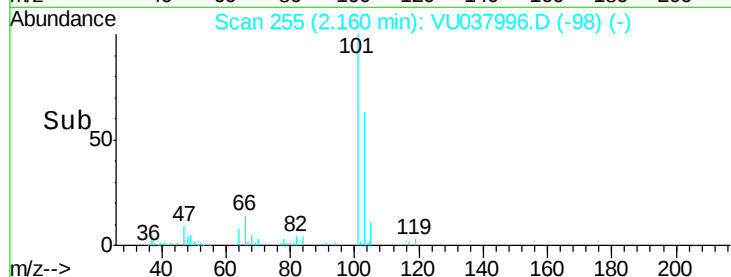
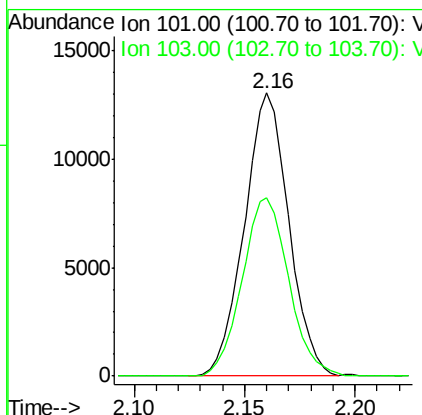
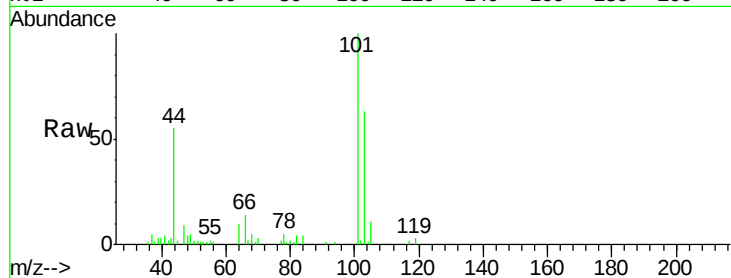
Trichlorofluoromethane
 Concen: 0.403 ug/l
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	52.6	78.8

Manual Integrations
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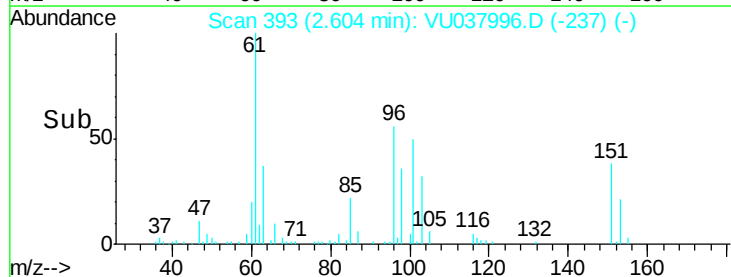
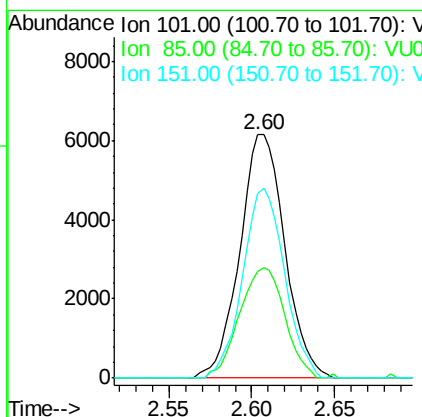
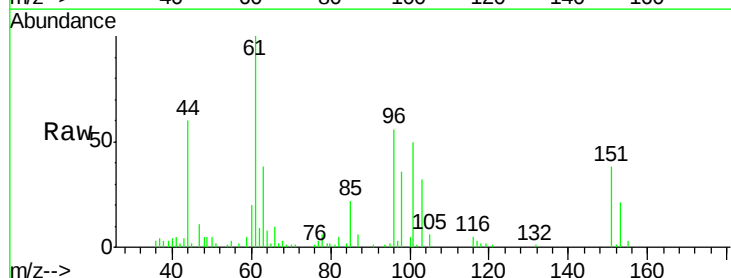
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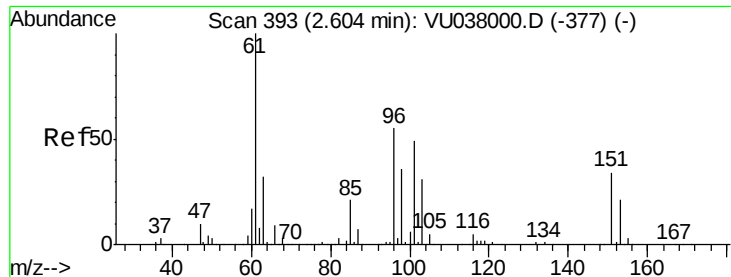


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.525 ug/l
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.6	35.5	53.3
151	72.6	55.2	82.8





#9

1,1-Dichloroethene

Concen: 0.562 ug/l

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

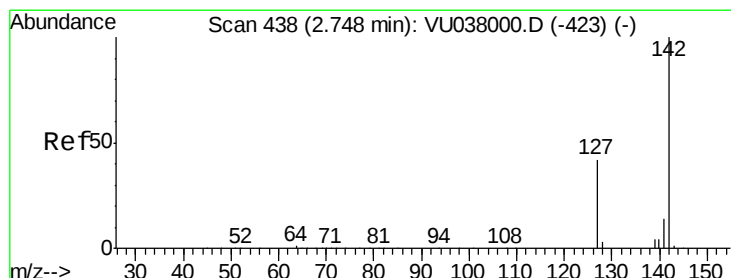
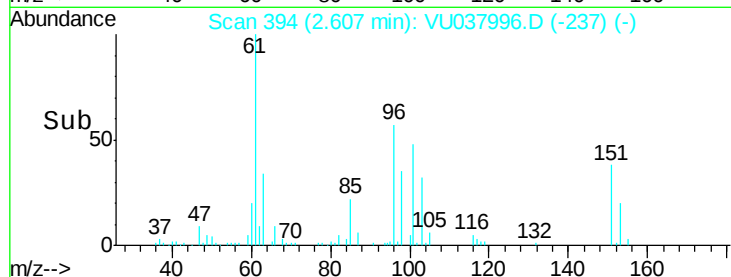
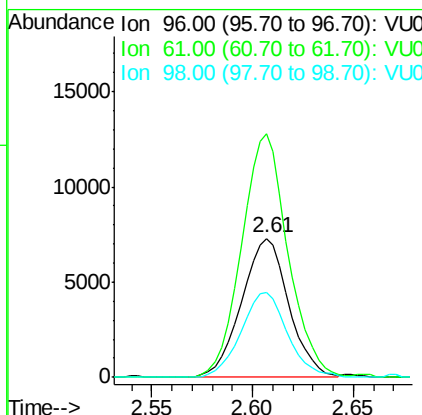
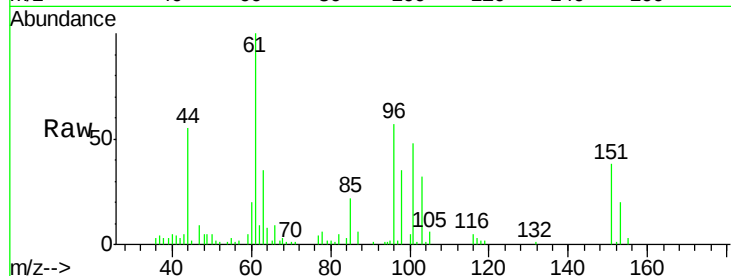
ClientSampleId :

VSTDIC0.5

Tot Ion:	96	Resp:	11921
Ion	Ratio	Lower	Upper
96	100		
61	174.8	0.0	543.0
98	61.4	0.0	129.4

Manual Integrations
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#10

Iodomethane

Concen: 0.221 ug/l

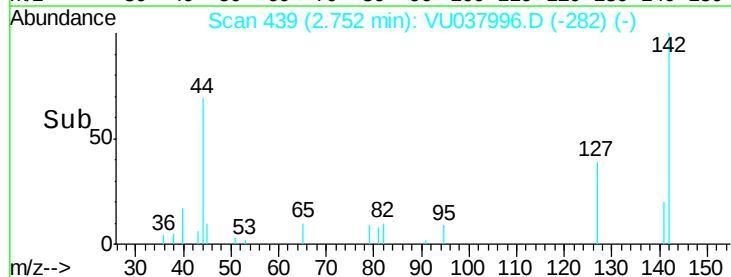
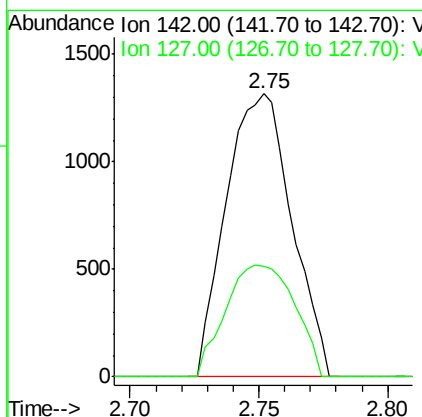
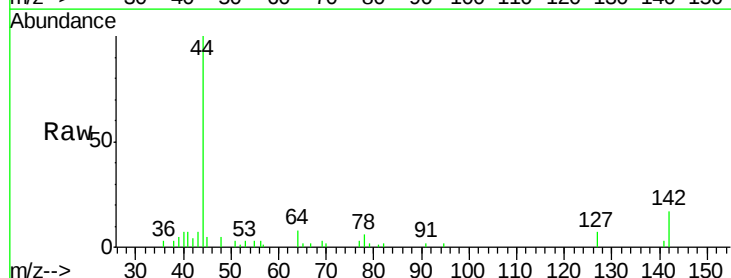
RT: 2.75 min Scan# 439

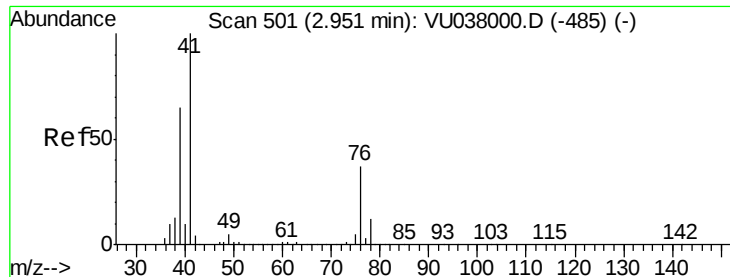
Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Tgt Ion:	142	Resp:	2335
Ion	Ratio	Lower	Upper
142	100		
127	41.7	33.5	50.3





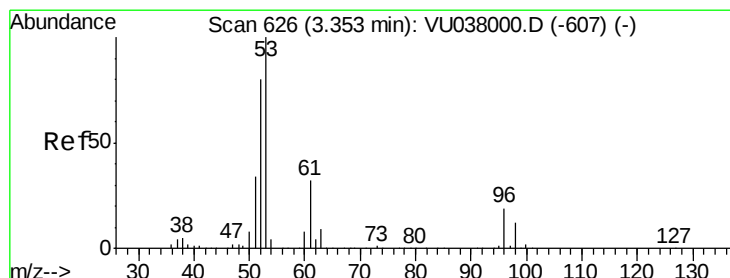
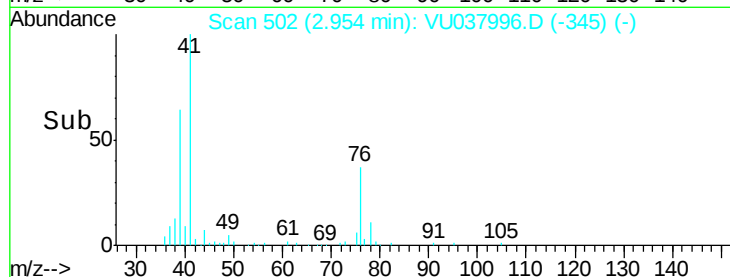
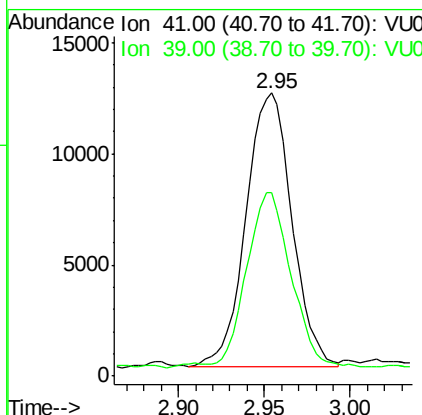
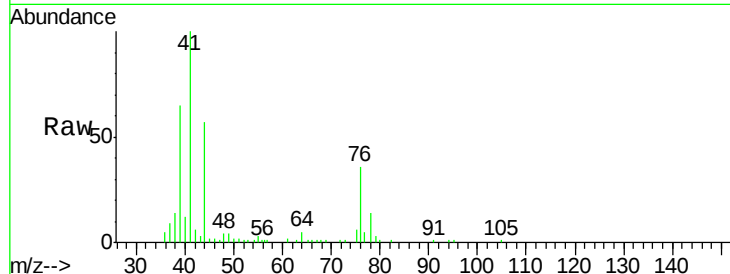
#11
Allvl Chloride
Concen: 0.552 ug/l
RT: 2.95 min Scan# 502
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion: 41 Resp: 22661
Ion Ratio Lower Upper
41 100
39 61.8 51.7 77.5

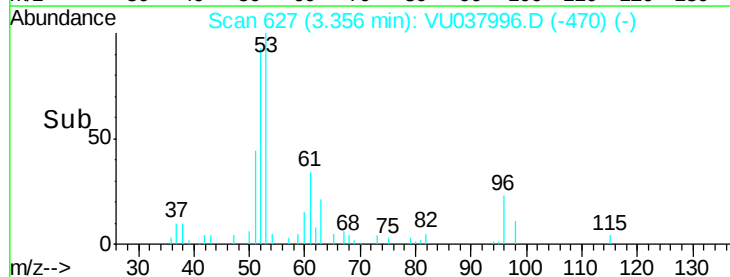
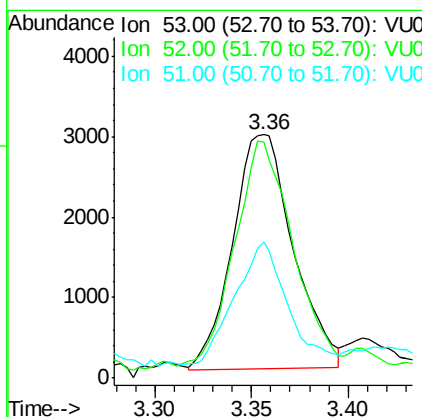
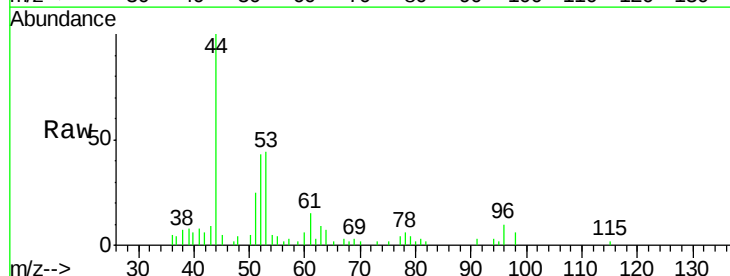
Manual Integrations
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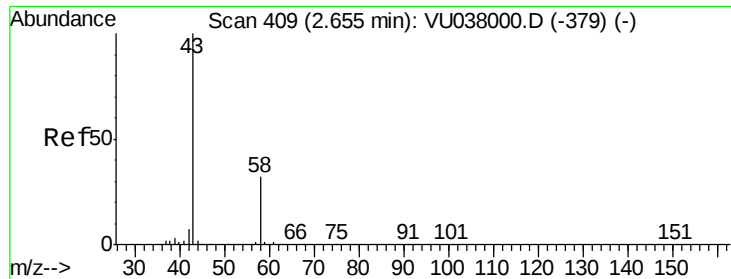
apatel
5/5/2020 11:15:36 AM



#12
Acrylonitrile
Concen: 1.225 ug/l
RT: 3.36 min Scan# 627
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Tgt Ion: 53 Resp: 6348
Ion Ratio Lower Upper
53 100
52 91.8 63.3 94.9
51 45.0 30.2 45.2





#13

Acetone

Concen: 2.710 ug/l

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 43 Resp: 14935

Ion Ratio Lower Upper

43 100

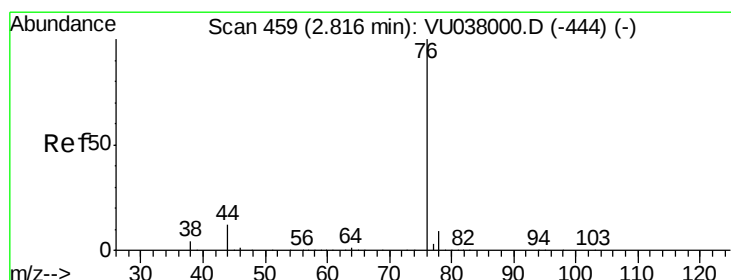
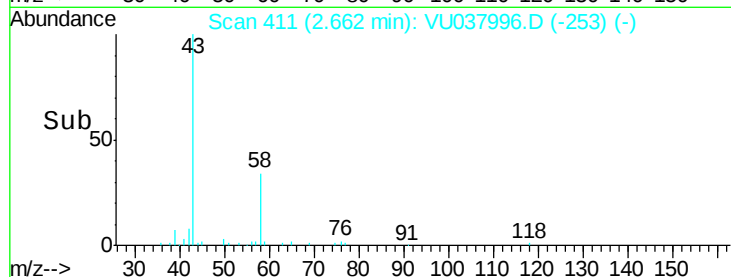
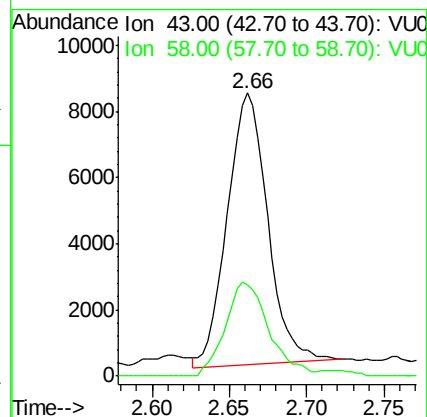
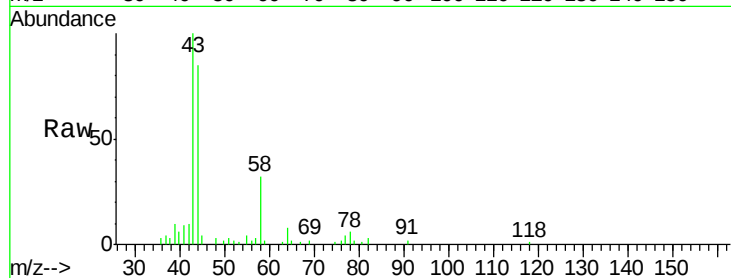
58 34.1 25.2 37.8

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#14

Carbon Disulfide

Concen: 0.623 ug/l

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU037996.D

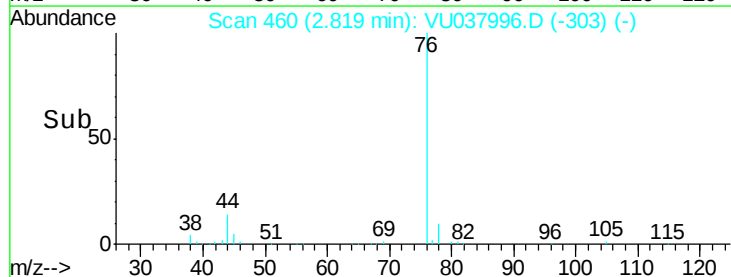
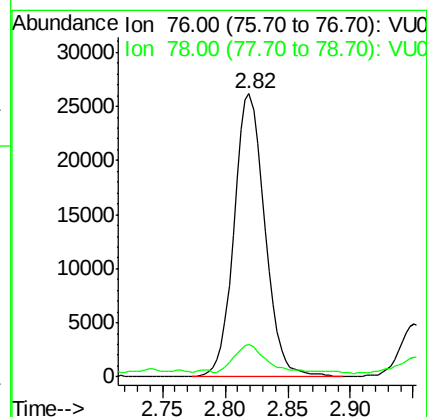
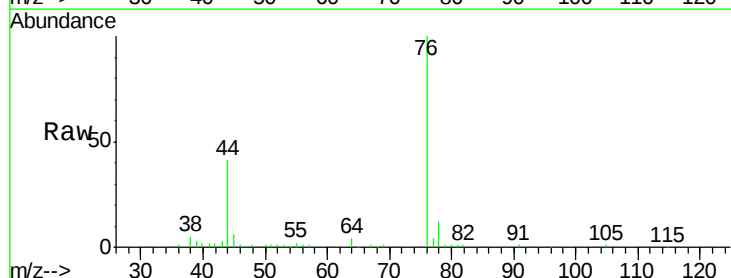
Acq: 04 May 2020 10:44

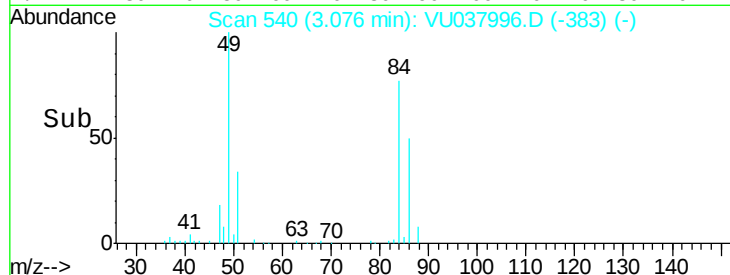
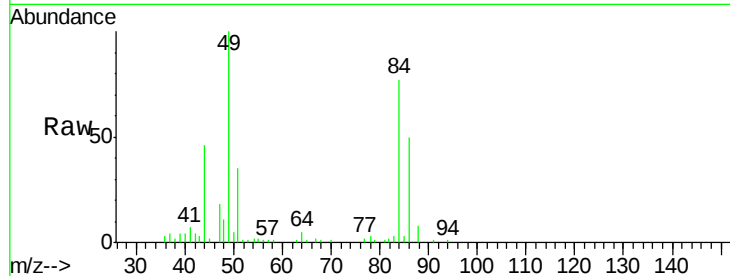
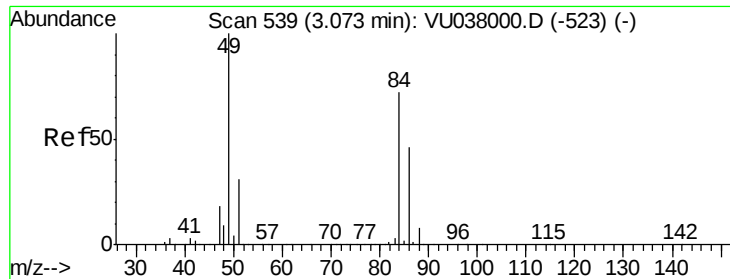
Tgt Ion: 76 Resp: 44736

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.6





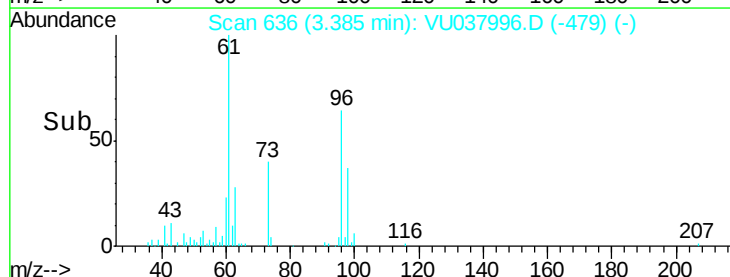
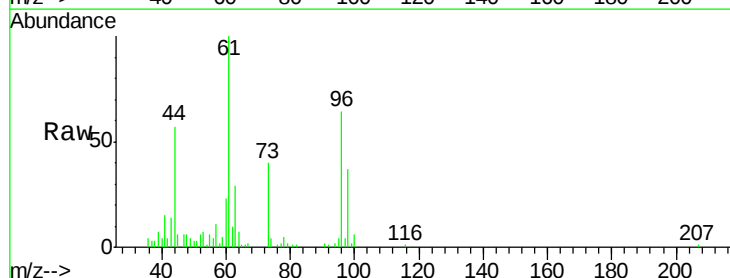
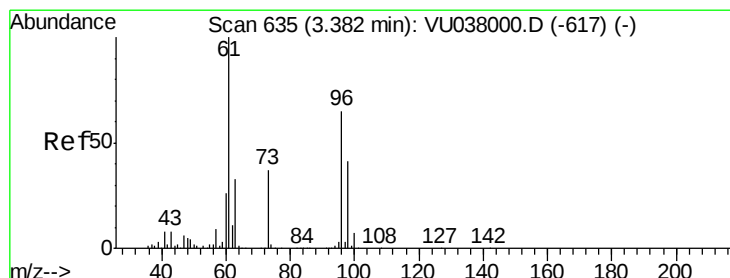
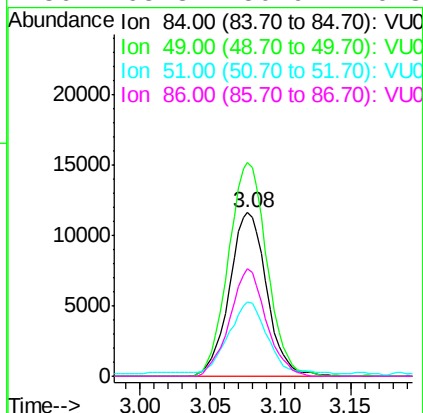
#15
Methvlene Chloride
Concen: 0.805 ug/l
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Tot Ion:	84	Resp:	21638
Ion	Ratio	Lower	Upper
84	100		
49	130.5	110.6	166.0
51	44.0	0.0	85.4
86	65.3	50.9	76.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

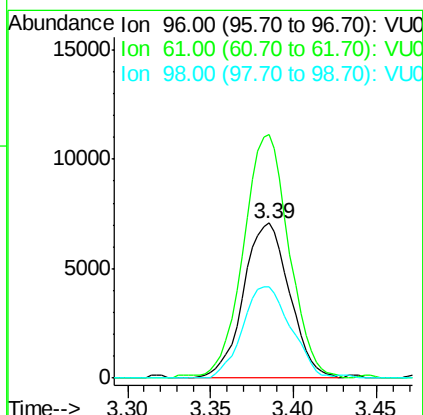
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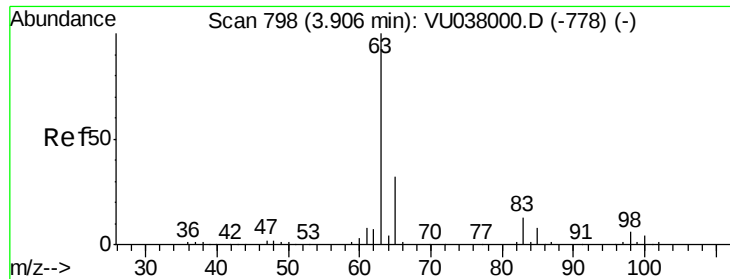
apatel
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#16
trans-1,2-Dichloroethene
Concen: 0.603 ug/l
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Tgt Ion:	96	Resp:	13684
Ion	Ratio	Lower	Upper
96	100		
61	155.0	122.4	183.6
98	58.7	50.1	75.1





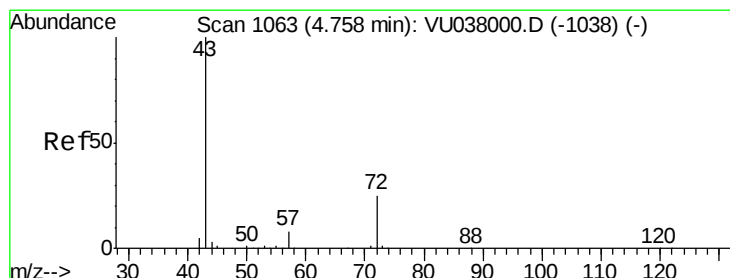
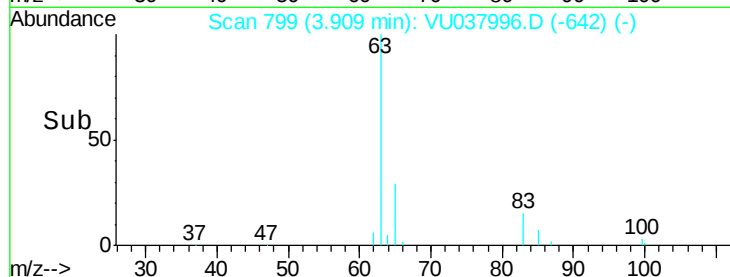
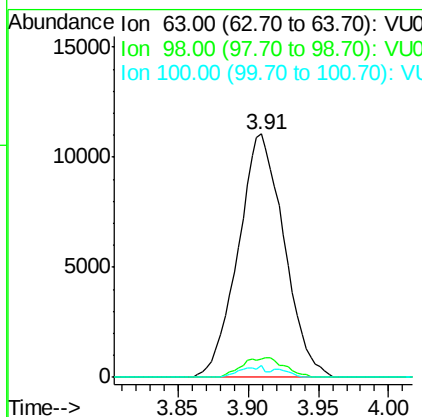
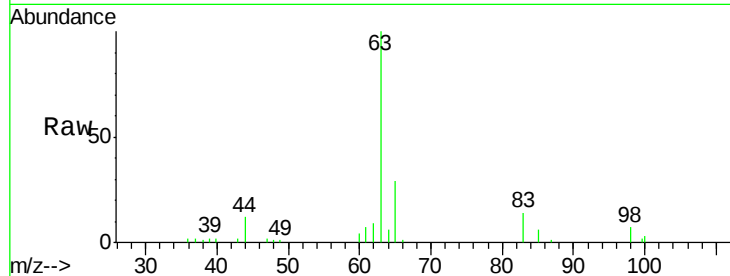
#17
 1,1-Dichloroethane
 Concen: 0.493 ug/l
 RT: 3.91 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion:	63	Resp:	25125
Ion Ratio	Lower	Upper	
63	100		
98	7.3	3.1	9.4
100	4.9	2.2	6.6

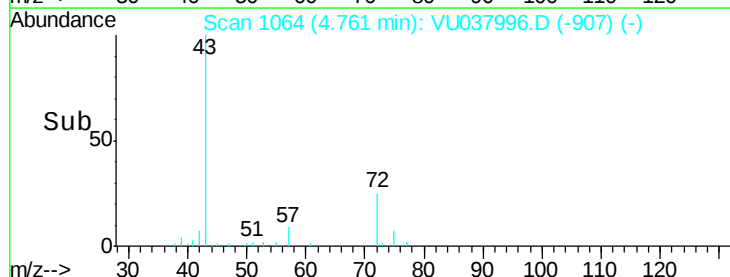
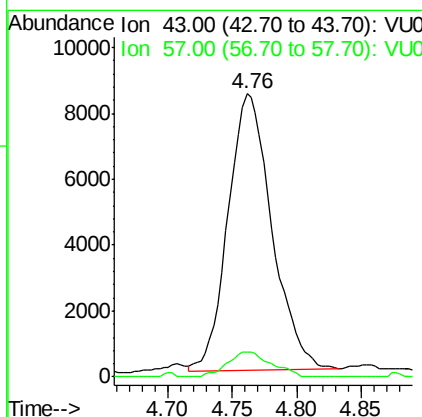
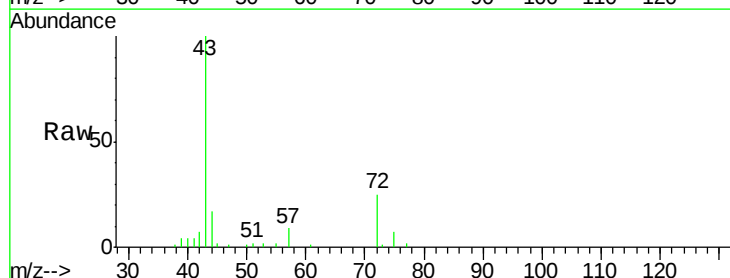
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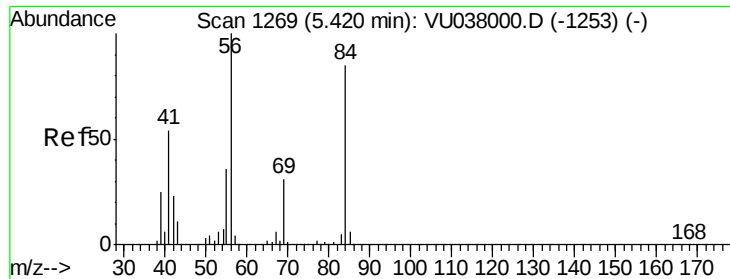
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#18
 2-Butanone
 Concen: 2.402 ug/l
 RT: 4.76 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Tgt Ion:	43	Resp:	19964
Ion Ratio	Lower	Upper	
43	100		
57	9.0	0.0	16.6





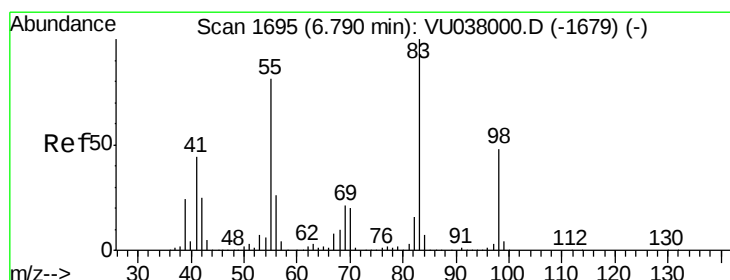
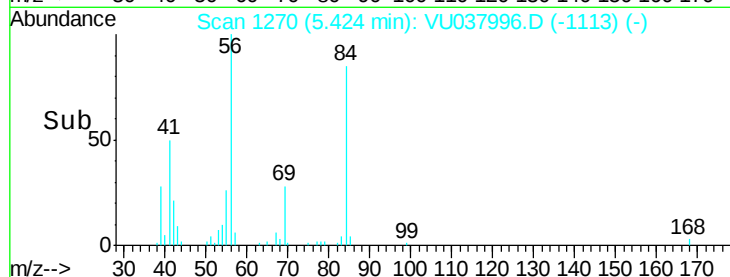
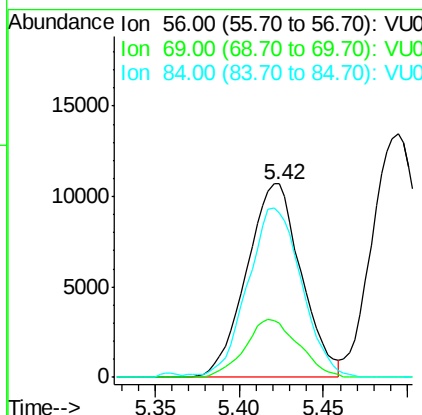
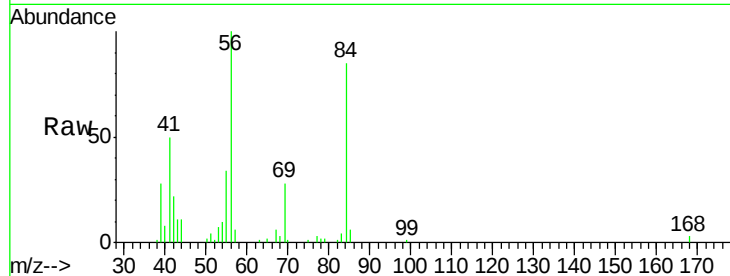
#19
Cyclohexane
Concen: 0.551 ug/l m
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Instrument :
MSVOA_U
ClientSampled :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	24.3	36.5
84	85.2	66.3	99.5

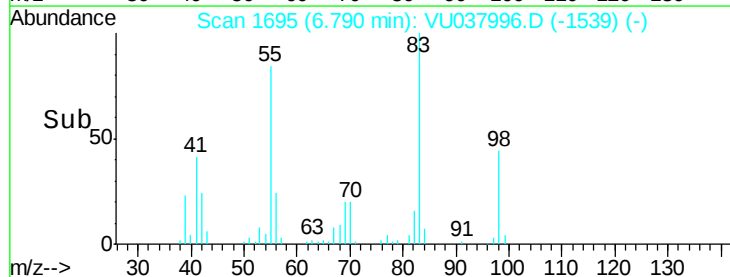
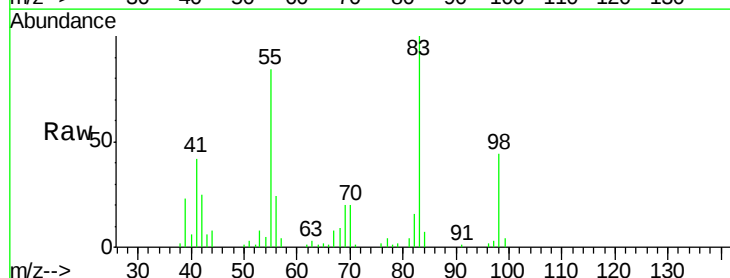
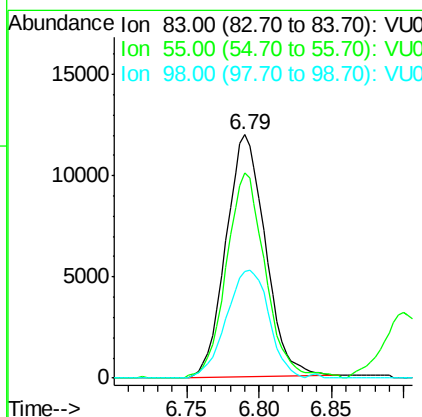
Manual Integrations
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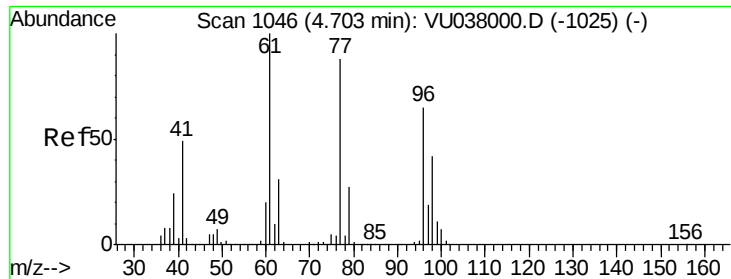
apatel
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#20
Methylcyclohexane
Concen: 0.520 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.9	61.5	92.3
98	48.1	37.3	55.9





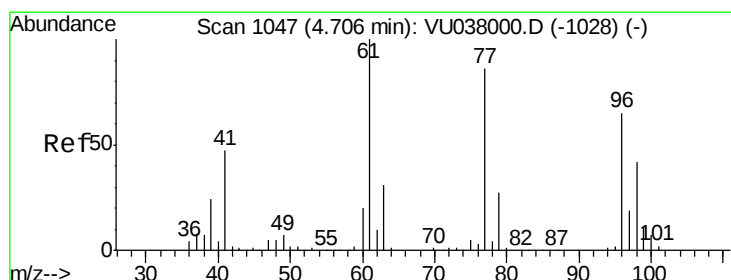
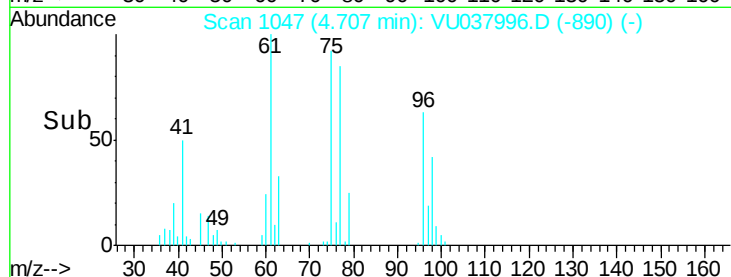
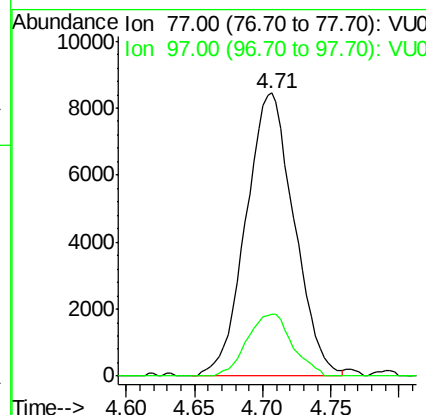
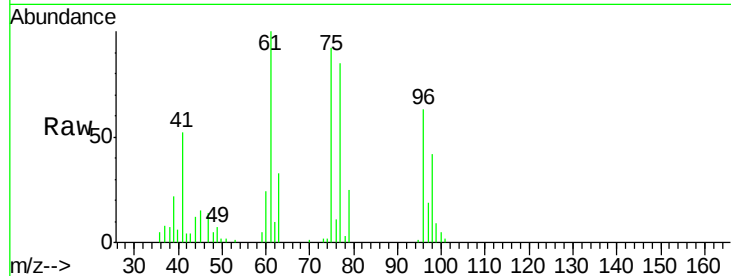
#21
 2,2-Dichloropropane
 Concen: 0.452 ug/l
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC0.5

Tot Ion: 77 Resp: 20795
 Ion Ratio Lower Upper
 77 100
 97 20.5 17.4 26.2

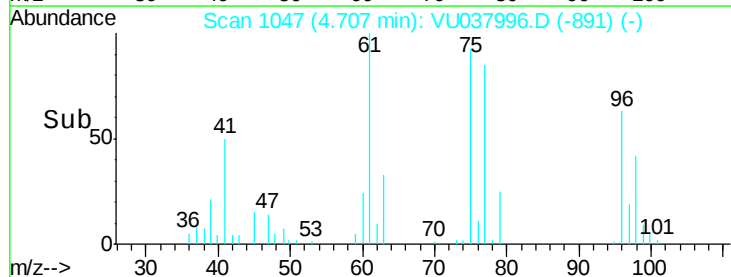
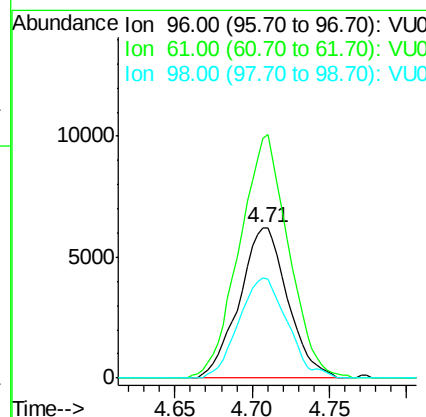
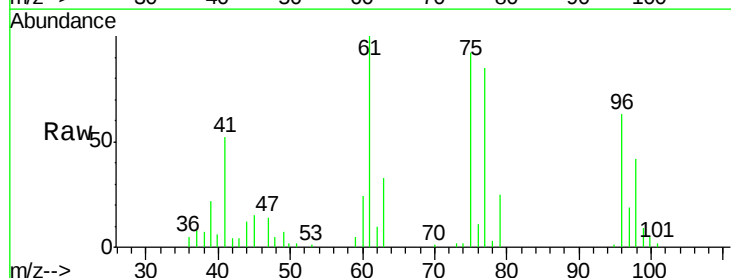
Manual Integrations
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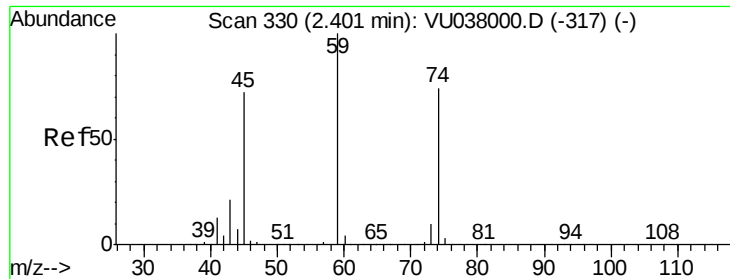
apatel
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#22
 cis-1,2-Dichloroethene
 Concen: 0.494 ug/l
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Tgt Ion: 96 Resp: 13491
 Ion Ratio Lower Upper
 96 100
 61 164.5 0.0 389.3
 98 66.7 32.1 96.3





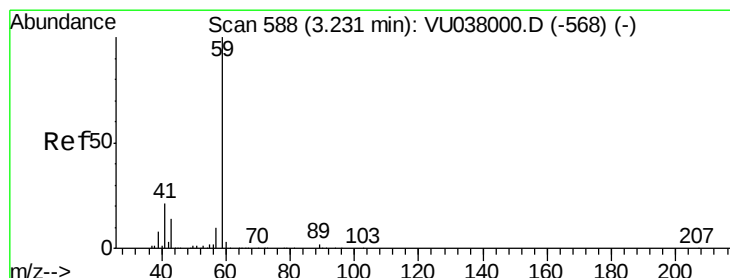
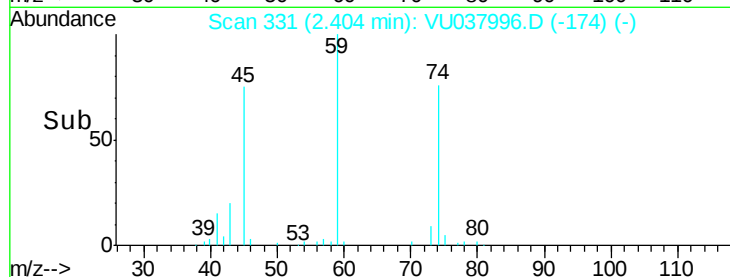
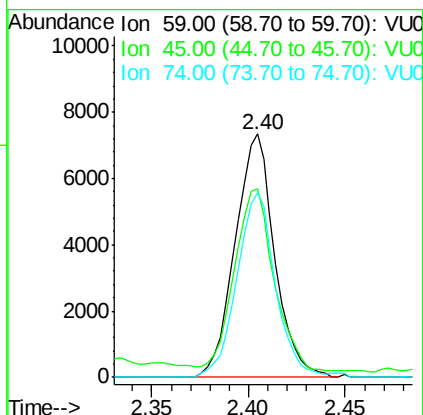
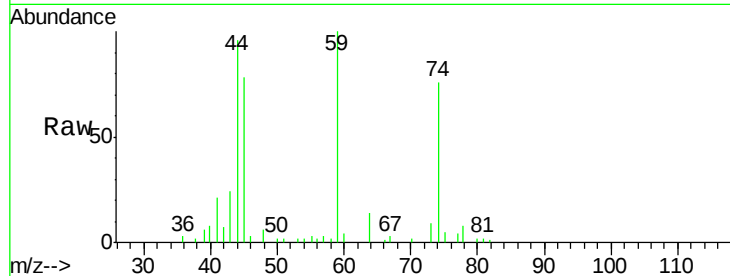
#23
Diethyl Ether
Concen: 0.572 ug/l
RT: 2.40 min Scan# 331
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ion	Ratio	Lower	Upper
59	100			
45	75.5	59.8	89.6	
74	74.0	58.2	87.4	

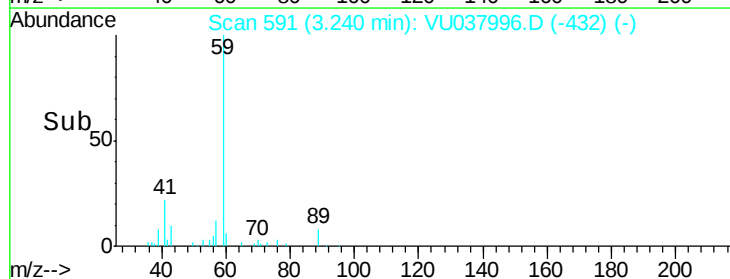
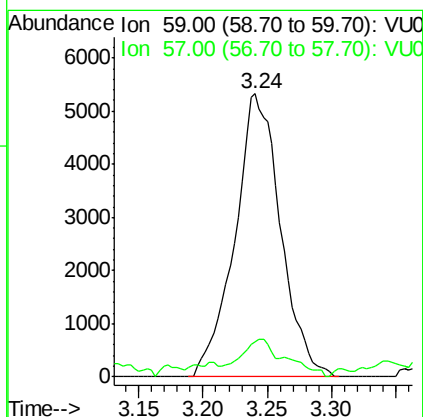
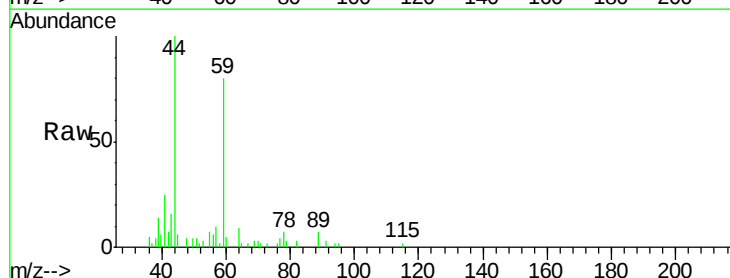
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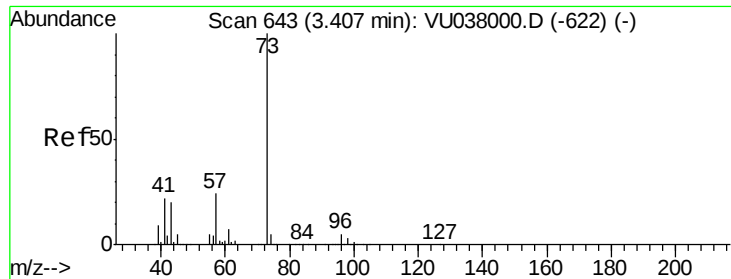
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#24
tert-Butyl Alcohol
Concen: 6.763 ug/l
RT: 3.24 min Scan# 591
Delta R.T. 0.01 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Tgt Ion	Ion	Ratio	Lower	Upper
59	100			
57	13.0	8.2	12.4	#





#25

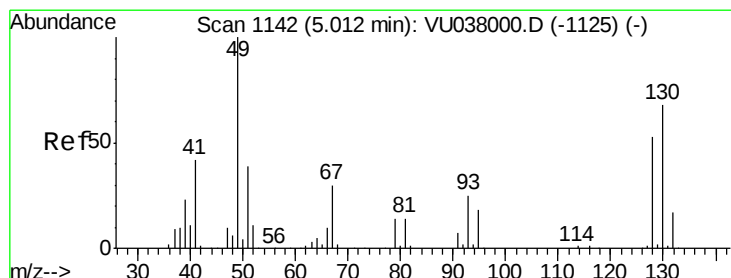
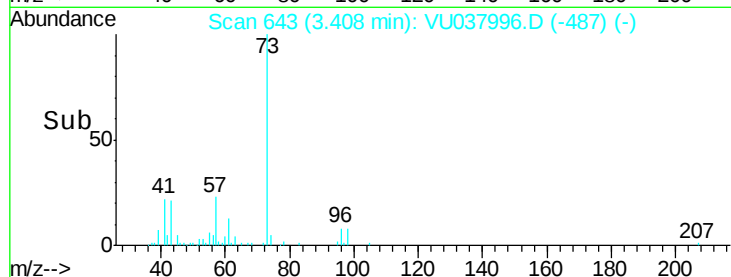
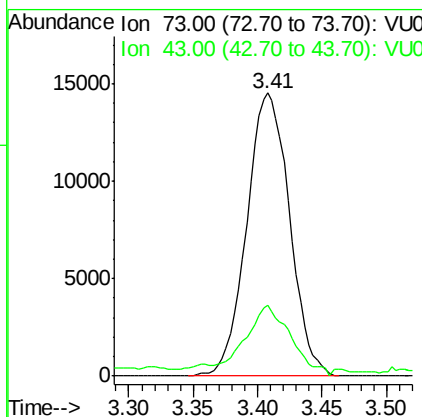
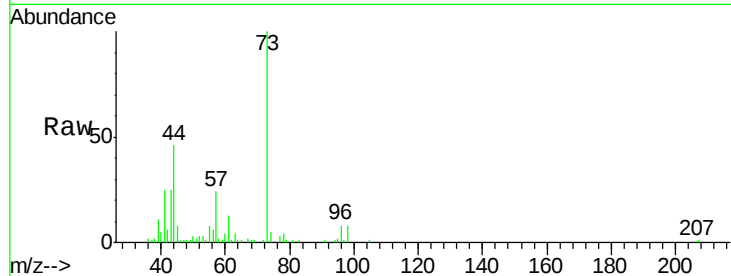
Methyl tert-Butyl Ether
 Concen: 0.545 ug/l
 RT: 3.41 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion: 73 Resp: 33618
 Ion Ratio Lower Upper
 73 100
 43 27.0 16.2 24.2#

Manual Integrations
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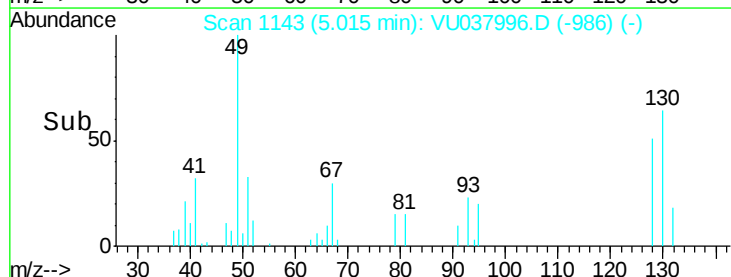
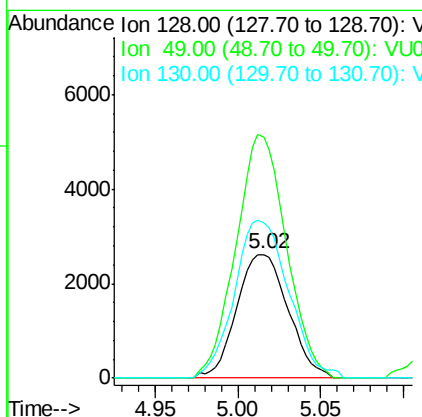
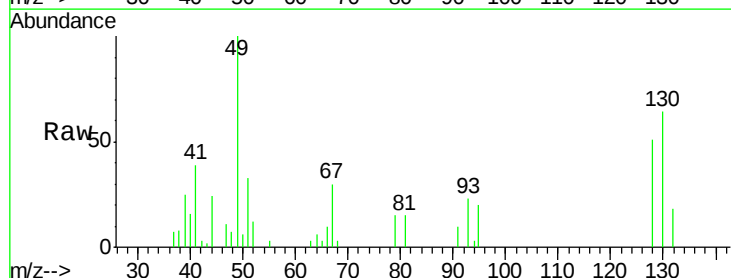
apatel
 5/5/2020 11:15:36 AM

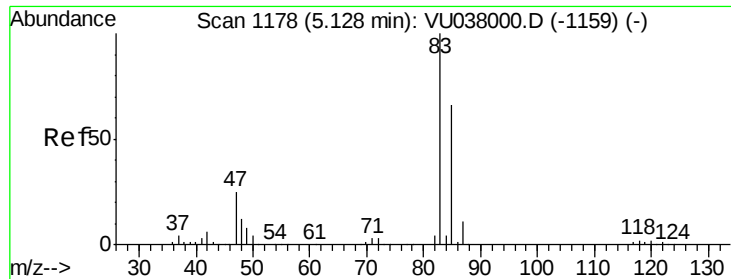


#26

Bromochloromethane
 Concen: 0.476 ug/l
 RT: 5.02 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Tgt Ion: 128 Resp: 5646
 Ion Ratio Lower Upper
 128 100
 49 192.9 0.0 376.0
 130 134.6 102.6 153.8





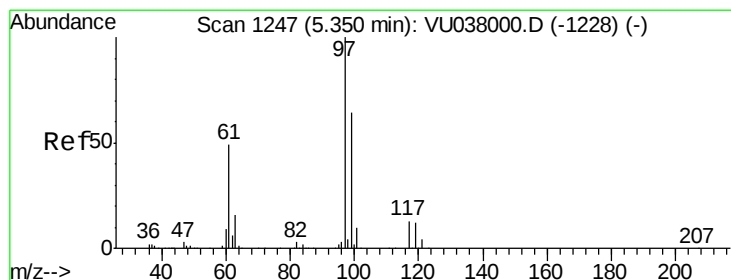
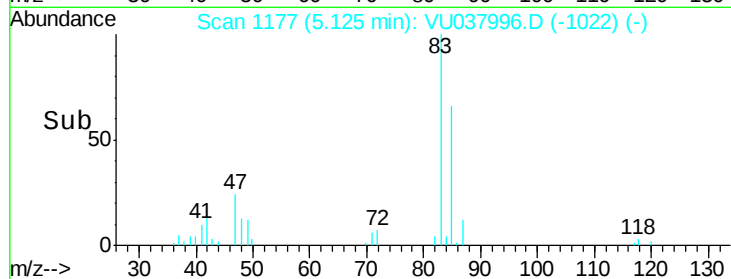
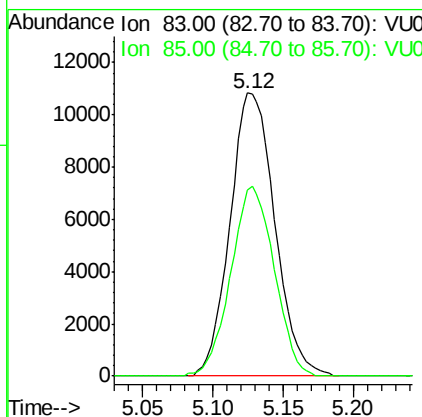
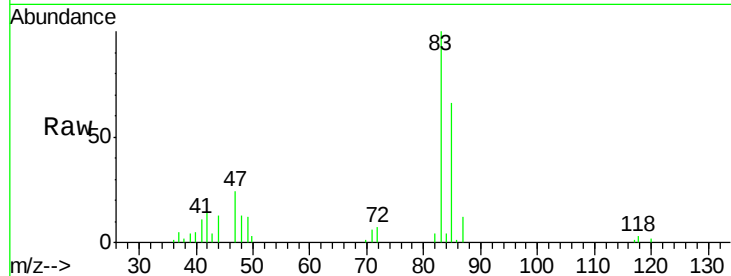
#27
Chloroform
Concen: 0.447 ug/l
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	83	Resp	24091
Ion Ratio	100	Lower	Upper
85	65.7	0.0	132.0

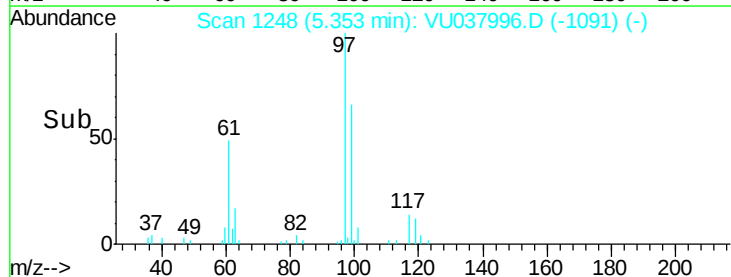
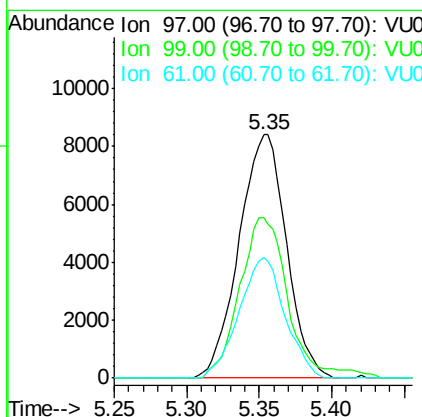
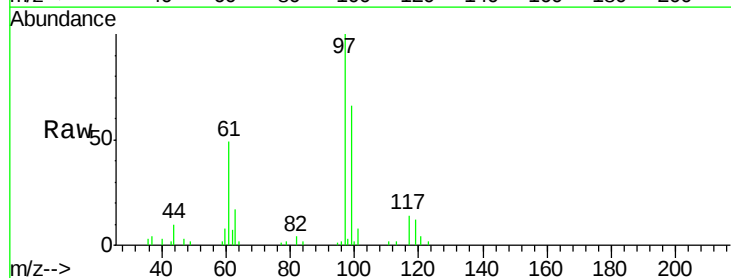
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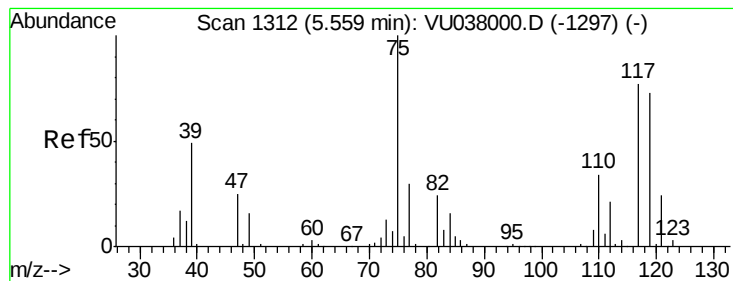
apatel
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#28
1,1,1-Trichloroethane
Concen: 0.418 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Tgt Ion	97	Resp	19116
Ion Ratio	100	Lower	Upper
99	67.5	31.9	95.9
61	47.8	24.1	72.4





#29

1,1-Dichloropropene

Concen: 0.509 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

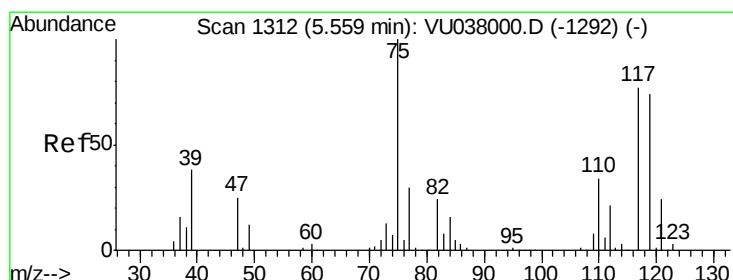
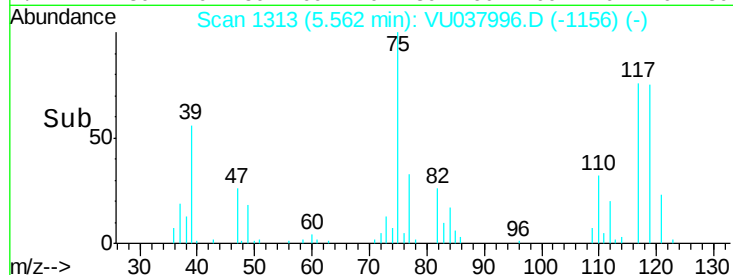
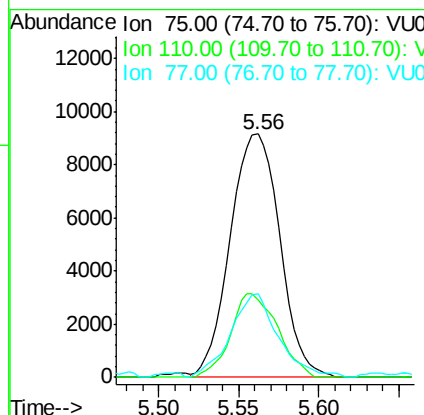
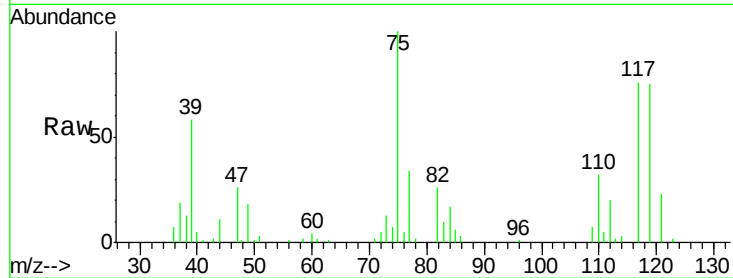
ClientSampleId :

VSTDIC0.5

Tot Ion:	75	Resp:	19442
Ion Ratio	Lower	Upper	
75	100		
110	32.4	16.7	50.1
77	33.0	24.5	36.7

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#30

Carbon Tetrachloride

Concen: 0.400 ug/l

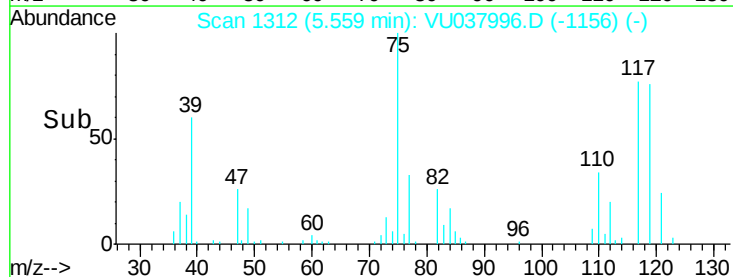
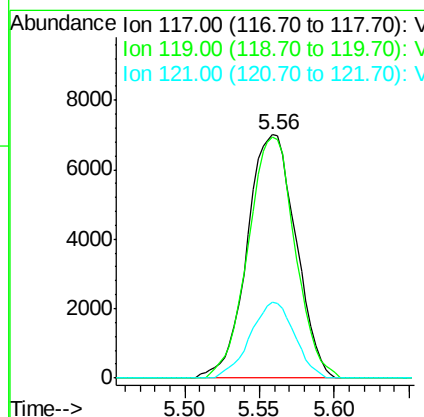
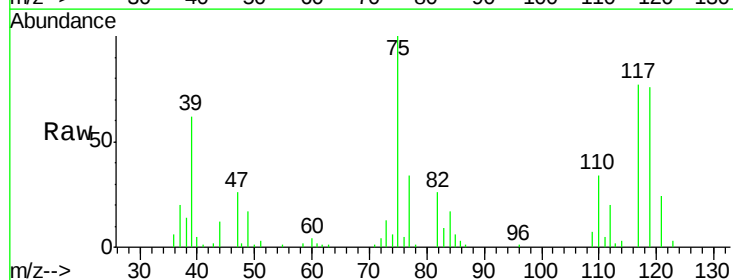
RT: 5.56 min Scan# 1312

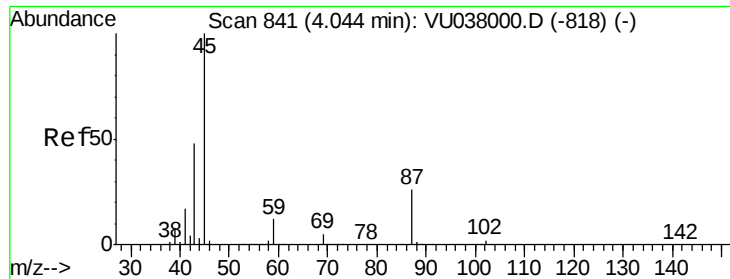
Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Tgt Ion:	117	Resp:	15814
Ion Ratio	Lower	Upper	
117	100		
119	98.8	76.3	114.5
121	31.1	24.7	37.1





#31

Isopropyl Ether

Concen: 0.481 ug/l

RT: 4.04 min Scan# 841

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 45 Resp: 39216

Ion Ratio Lower Upper

45 100

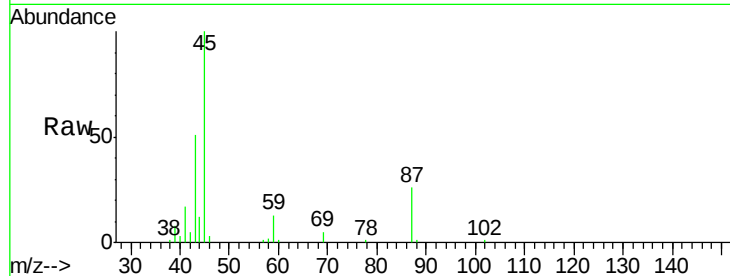
43 52.4 24.2 72.6

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Abundance Ion 45.00 (44.70 to 45.70): VU037996.D (-685) (-)

Ion 43.00 (42.70 to 43.70): VU037996.D (-685) (-)

15000

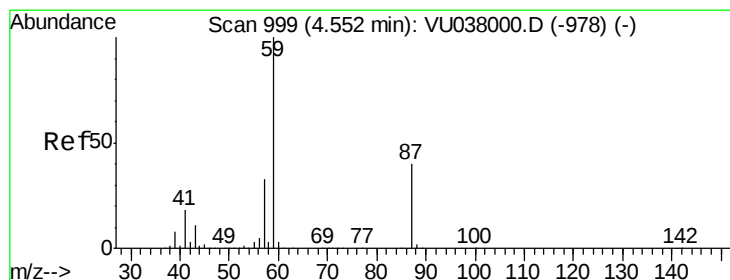
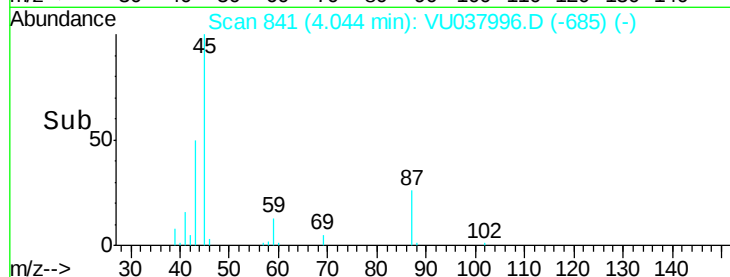
10000

5000

0

4.00 4.10

Time-->



#32

Ethyl-t-butyl ether

Concen: 0.469 ug/l

RT: 4.56 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VU037996.D

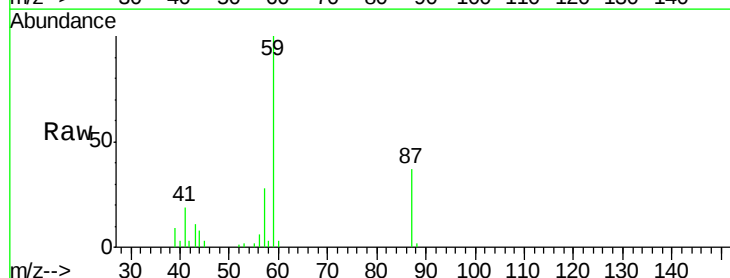
Acq: 04 May 2020 10:44

Tgt Ion: 59 Resp: 35819

Ion Ratio Lower Upper

59 100

87 40.6 32.4 48.6



Abundance Ion 59.00 (58.70 to 59.70): VU037996.D (-843) (-)

Ion 87.00 (86.70 to 87.70): VU037996.D (-843) (-)

15000

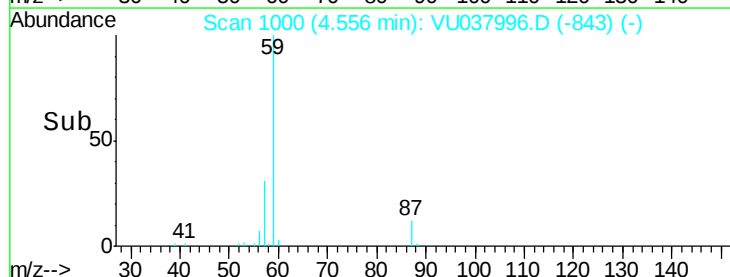
10000

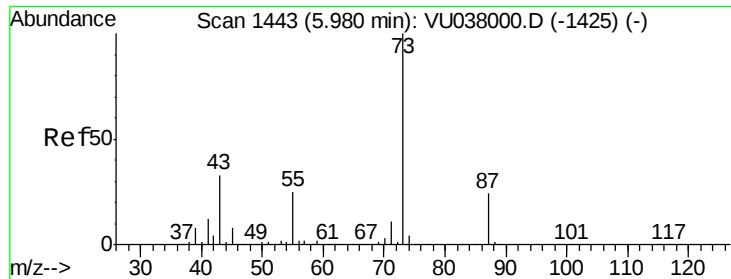
5000

0

4.45 4.50 4.55 4.60 4.65

Time-->





#33

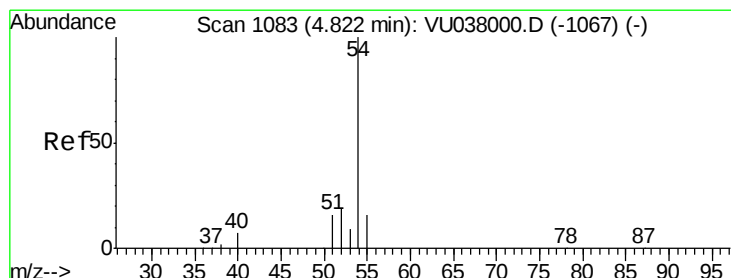
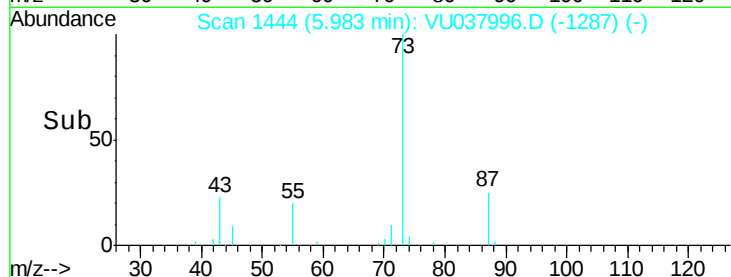
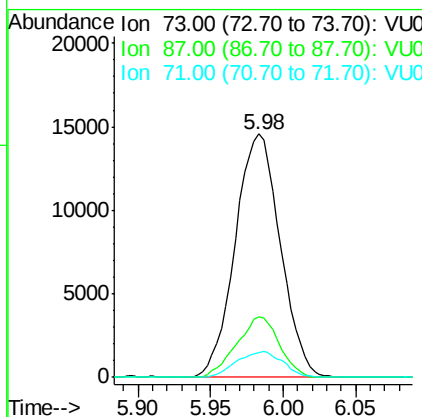
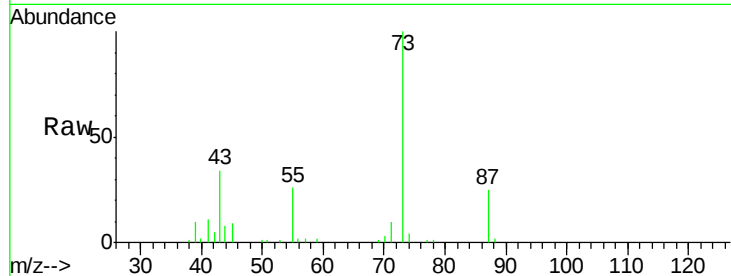
Tert-Butyl methyl ether
 Concen: 0.481 ug/l
 RT: 5.98 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.5	18.9	28.3
71	10.9	9.1	13.7

Manual Integrations
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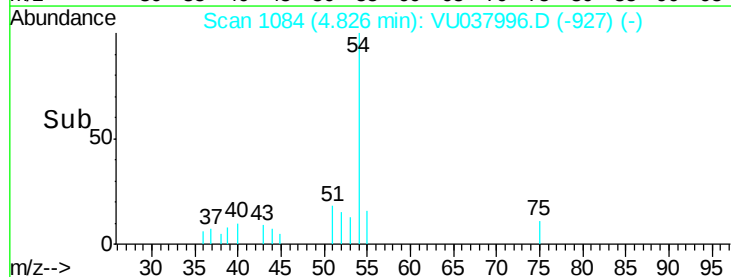
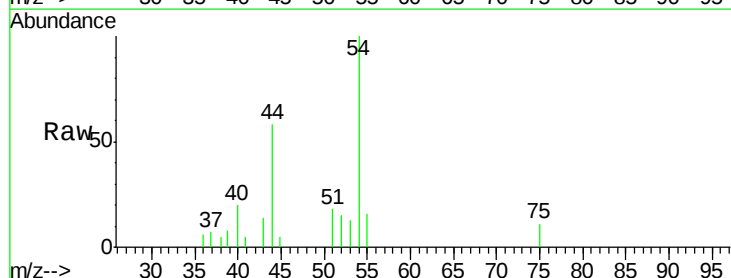
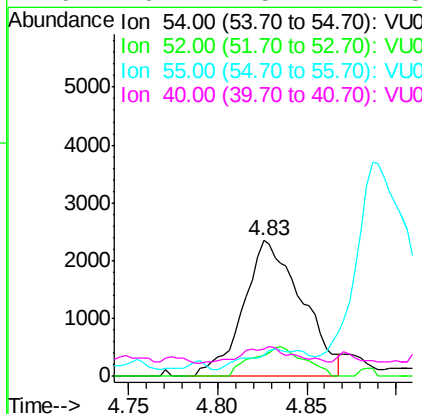
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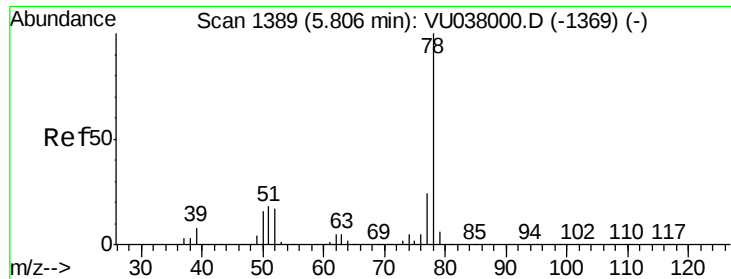


#34

Propionitrile
 Concen: 2.435 ug/l
 RT: 4.83 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.9	15.8	23.8
55	9.7	13.2	19.8#
40	10.7	5.2	7.8#





#35

Benzene

Concen: 0.502 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 78 Resp: 54337

Ion Ratio Lower Upper

78 100

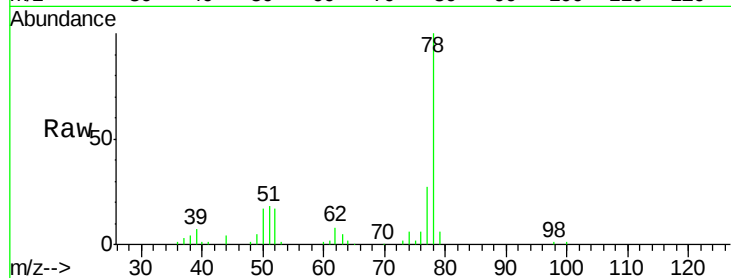
77 26.2 19.3 28.9

Manual Integrations

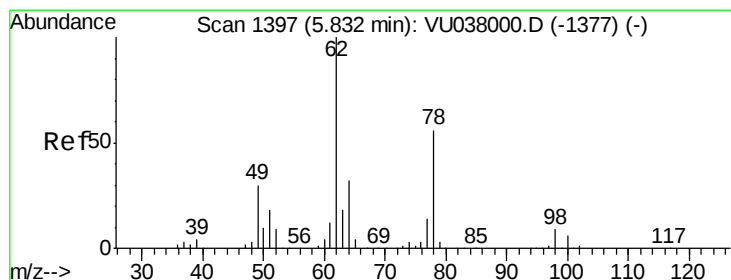
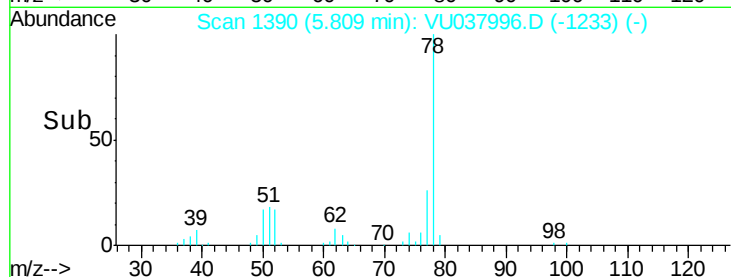
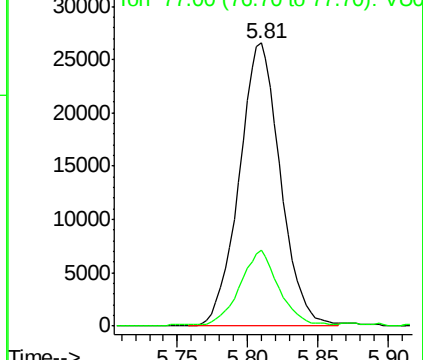
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Abundance Ion 78.10 (77.80 to 78.80): VU037996.D (-1233) (-)



#36

1,2-Dichloroethane

Concen: 0.414 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU037996.D

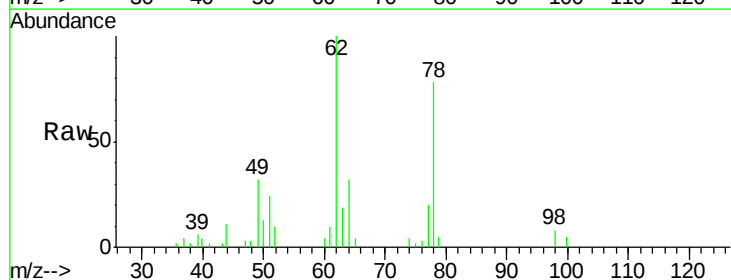
Acq: 04 May 2020 10:44

Tgt Ion: 62 Resp: 15840

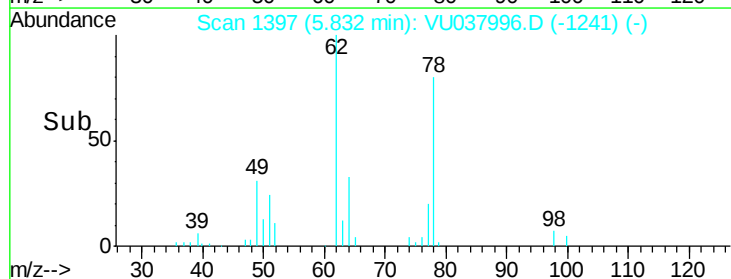
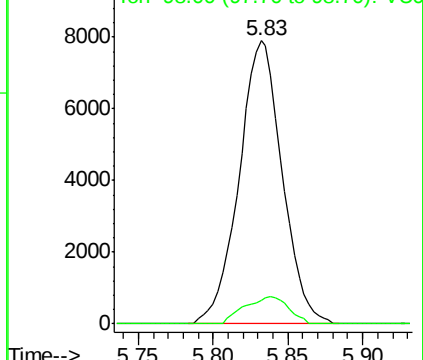
Ion Ratio Lower Upper

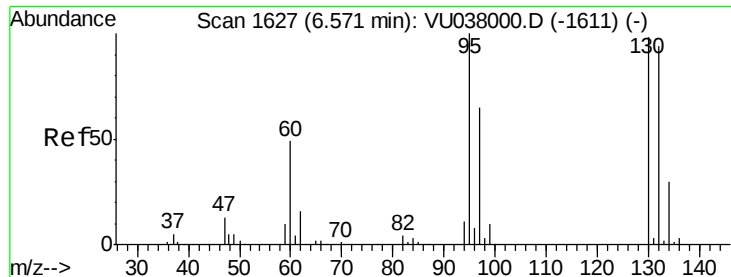
62 100

98 9.8 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VU037996.D (-1241) (-)





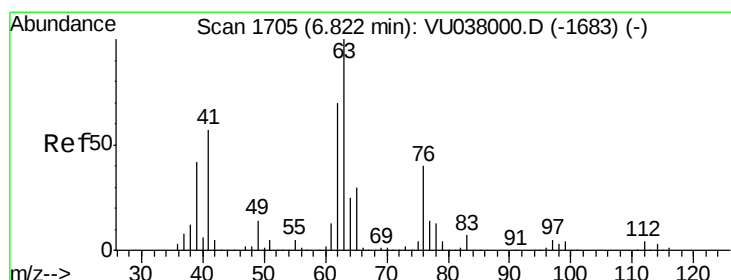
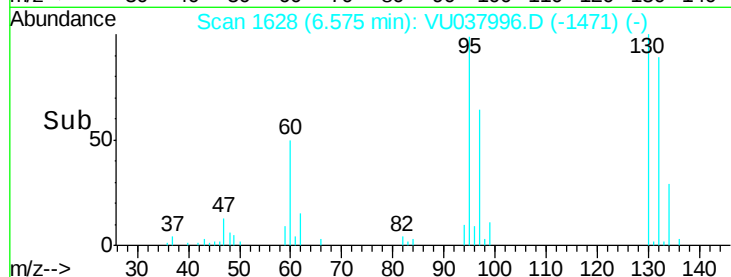
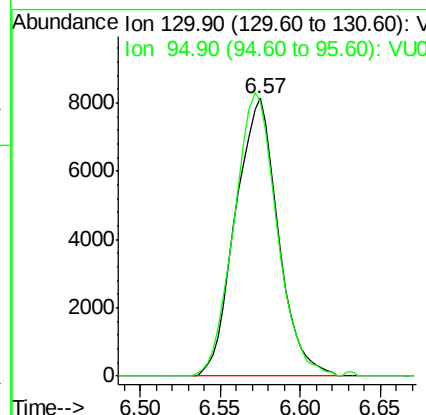
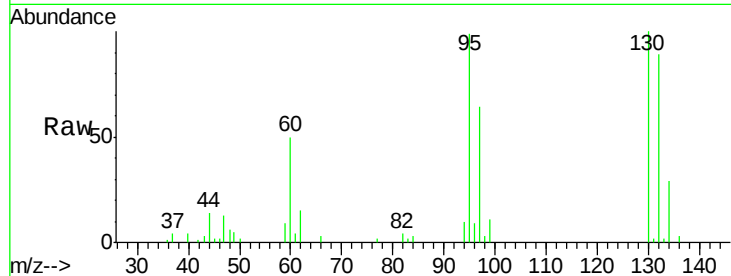
#37
 Trichloroethene
 Concen: 0.521 ug/l
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion:130 Resp: 14823
 Ion Ratio Lower Upper
 130 100
 95 98.9 81.6 122.4

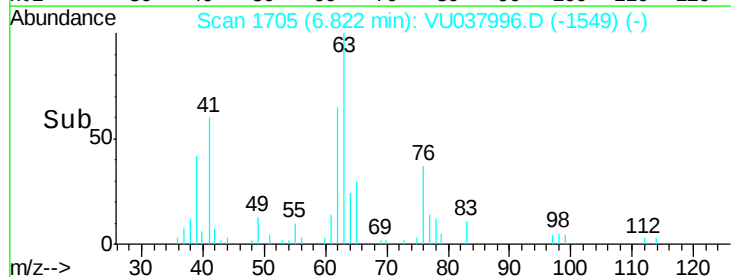
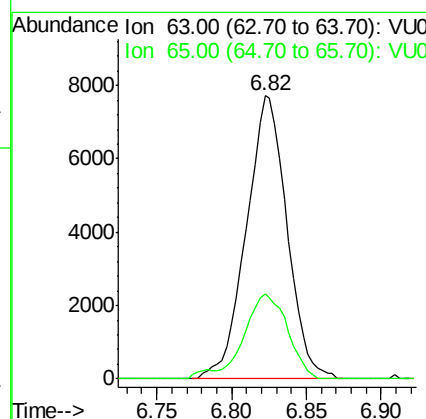
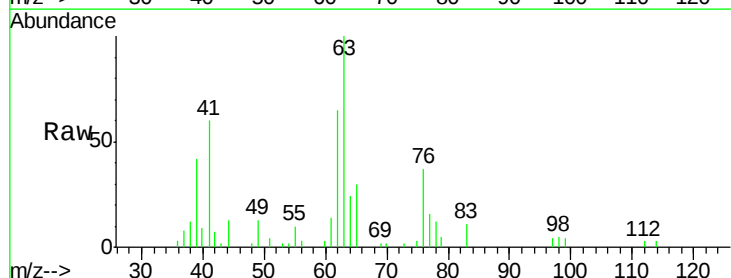
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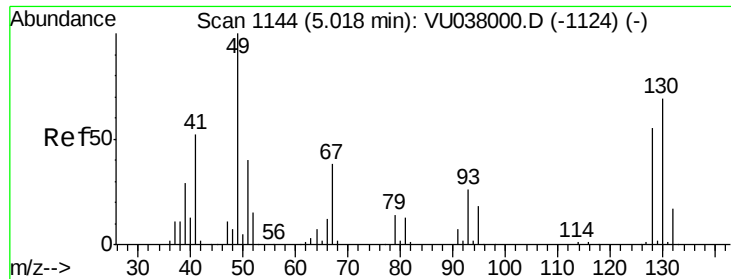
apatel
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#38
 1,2-Dichloropropane
 Concen: 0.493 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Tgt Ion: 63 Resp: 14587
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.1 36.1





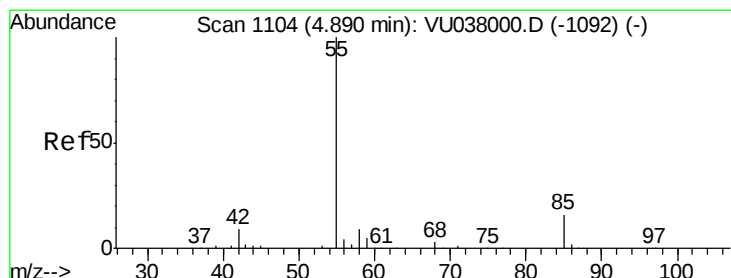
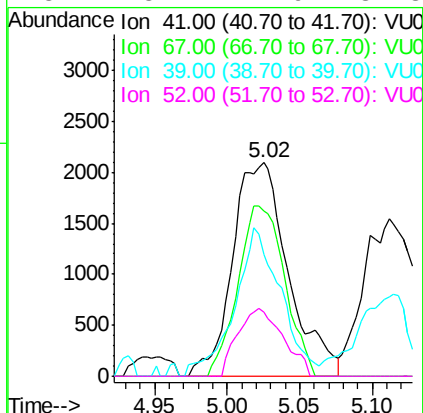
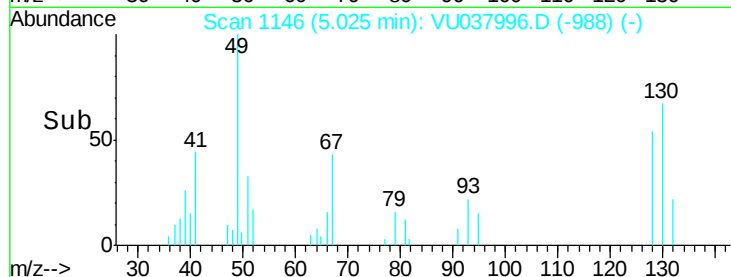
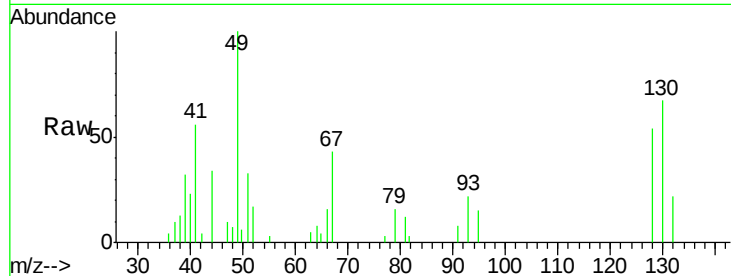
#39
Methacrylonitrile
Concen: 0.536 ug/l
RT: 5.02 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion:	41	Resp:	5603
Ion	Ratio	Lower	Upper
41	100		
67	66.7	58.0	87.0
39	57.4	43.2	64.8
52	25.7	22.9	34.3

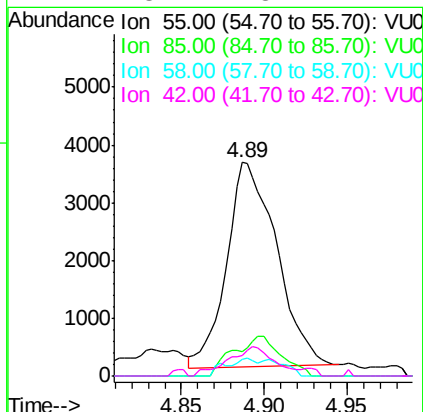
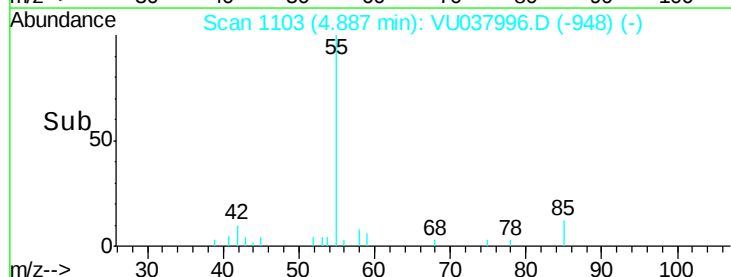
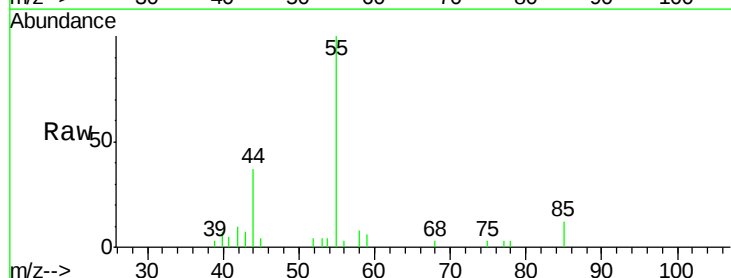
Manual Integrations
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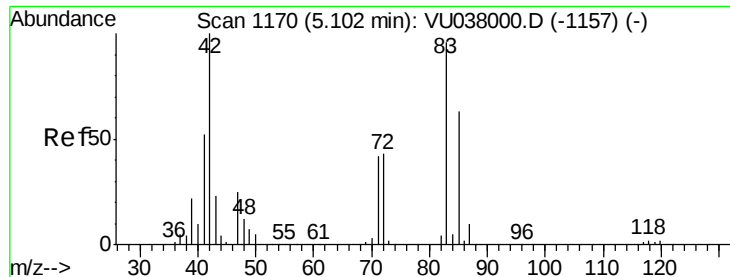
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#40
Methyl acrylate
Concen: 0.502 ug/l
RT: 4.89 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Tgt Ion:	55	Resp:	7419
Ion	Ratio	Lower	Upper
55	100		
85	18.4	12.9	19.3
58	1.6	7.2	10.8#
42	13.2	8.1	12.1#





#41

Tetrahydrofuran

Concen: 1.077 ug/l

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

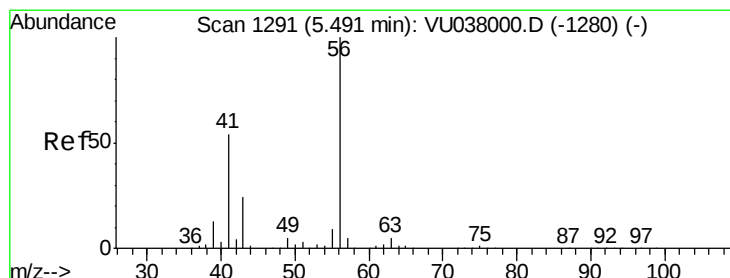
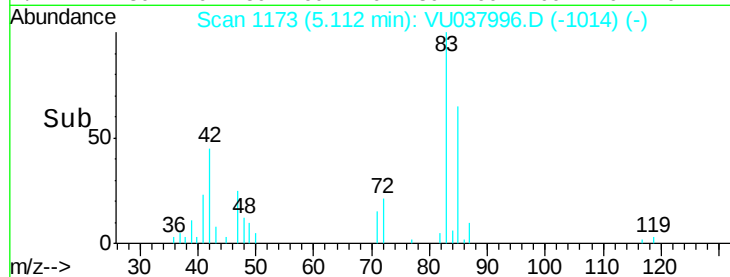
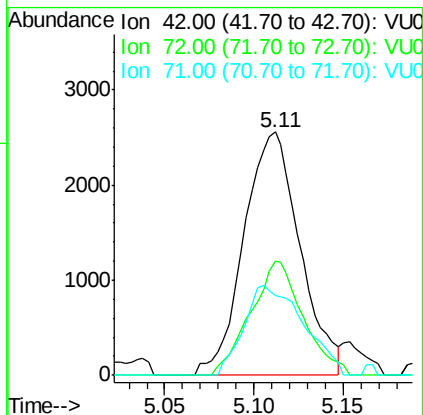
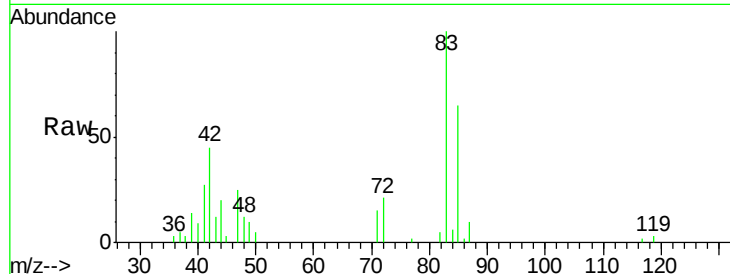
ClientSampleId :

VSTDIC0.5

Tot Ion:	42	Resp:	5617
Ion	Ratio	Lower	Upper
42	100		
72	44.0	37.4	56.2
71	39.2	32.8	49.2

Manual Integrations
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#42

1-Chlorobutane

Concen: 0.500 ug/l

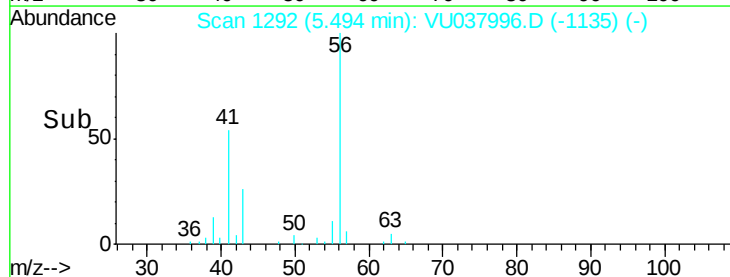
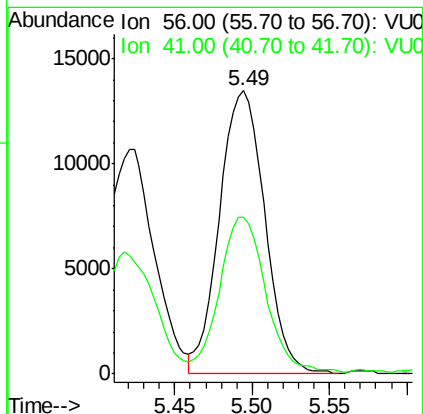
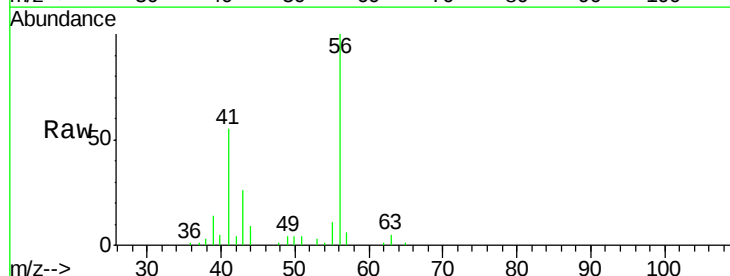
RT: 5.49 min Scan# 1292

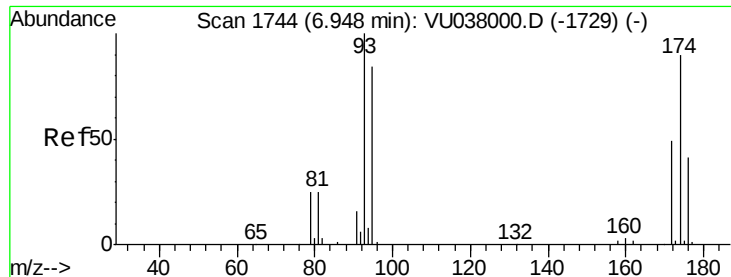
Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Tgt Ion:	56	Resp:	27411
Ion	Ratio	Lower	Upper
56	100		
41	55.4	26.8	80.4





#43

Dibromomethane

Concen: 0.473 ug/l

RT: 6.95 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

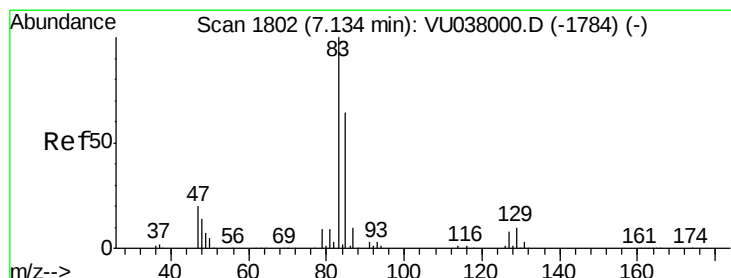
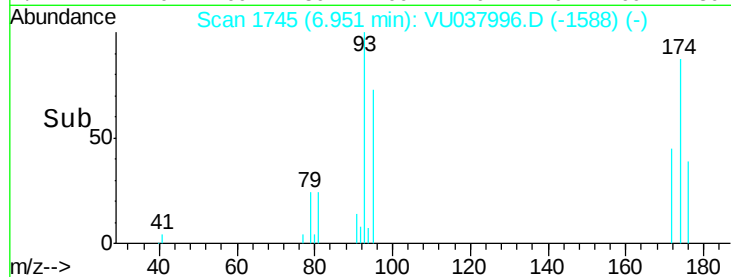
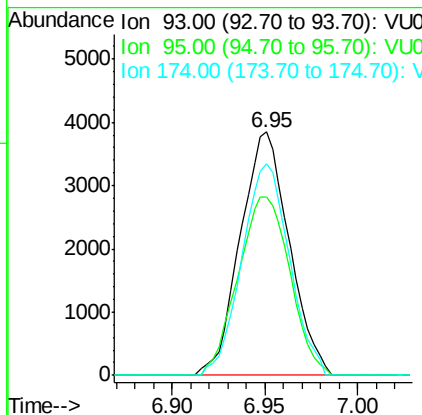
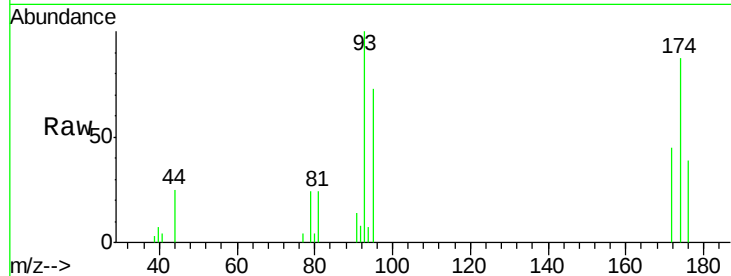
ClientSampleId :

VSTDIC0.5

Tot Ion:	93	Resp:	7059
Ion	Ratio	Lower	Upper
93	100		
95	77.4	66.1	99.1
174	84.1	72.8	109.2

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#44

Bromodichloromethane

Concen: 0.429 ug/l

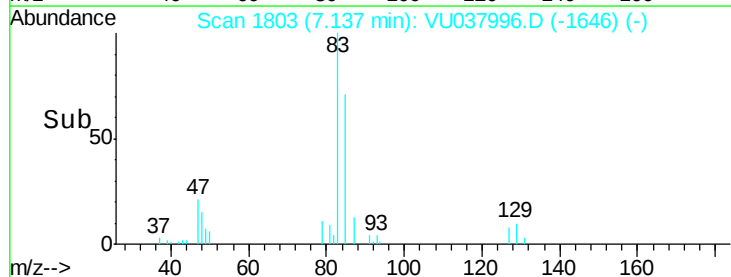
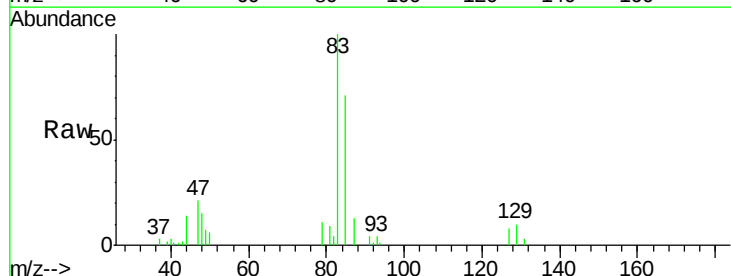
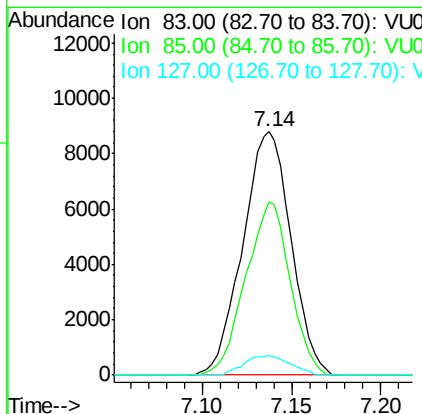
RT: 7.14 min Scan# 1803

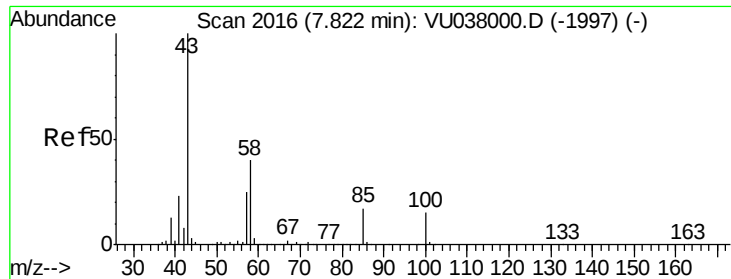
Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Tgt Ion:	83	Resp:	16614
Ion	Ratio	Lower	Upper
83	100		
85	71.2	51.4	77.0
127	7.9	6.2	9.2





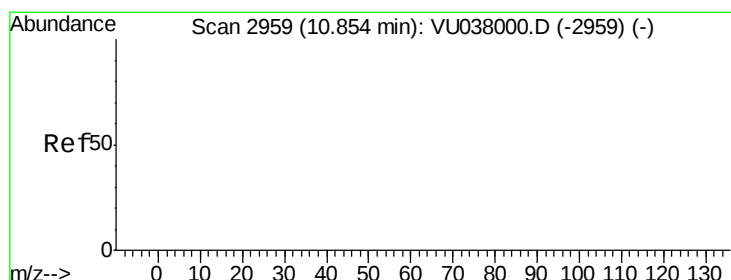
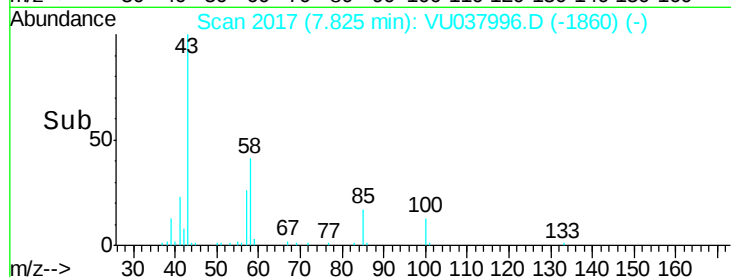
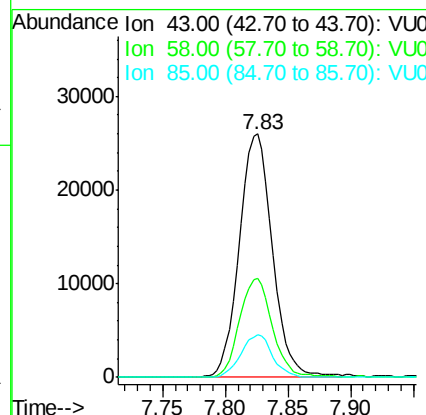
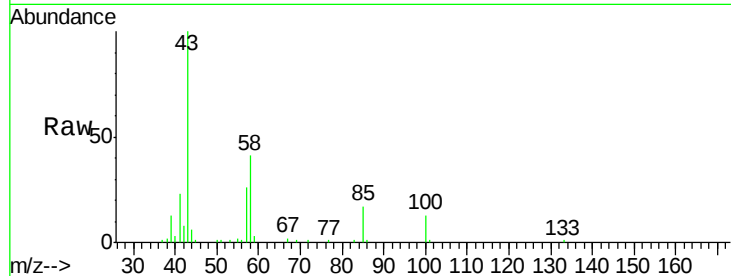
#45
4-Methyl-2-Pentanone
Concen: 2.383 ug/l
RT: 7.83 min Scan# 2017
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	20.1	60.3
85	16.6	13.7	20.5

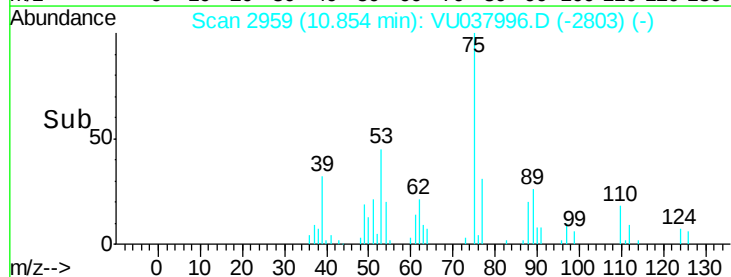
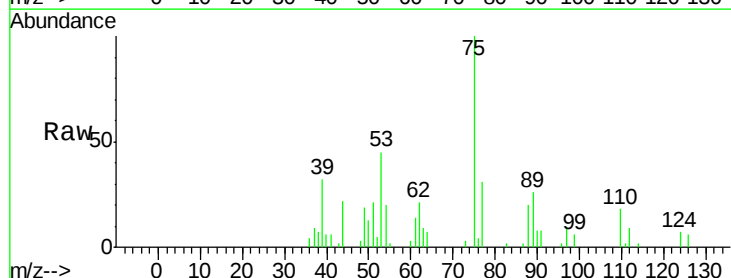
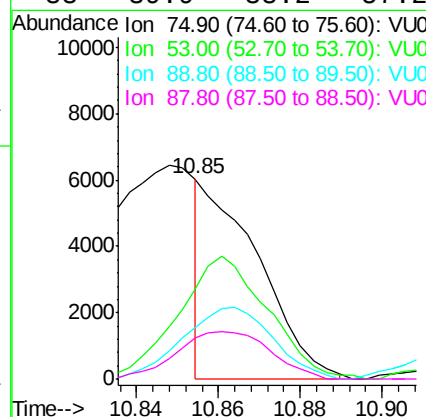
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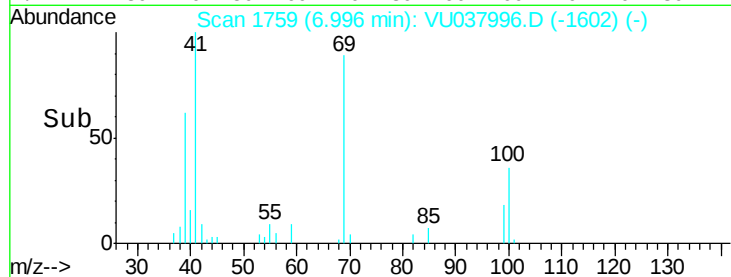
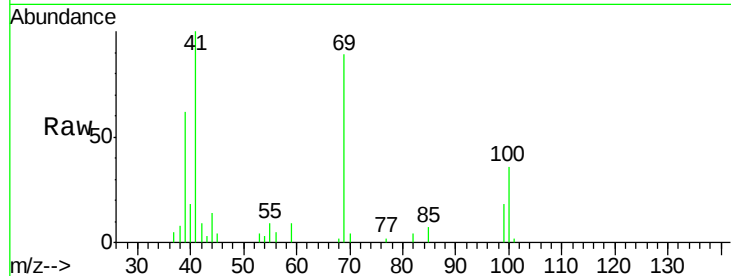
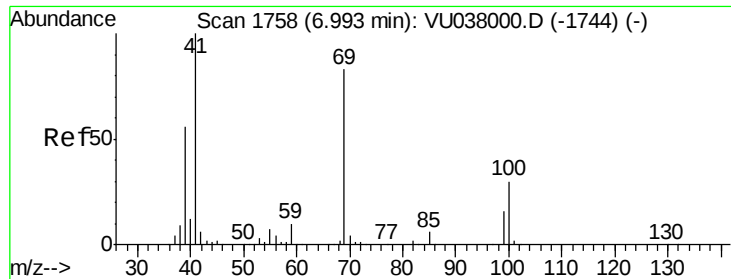
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#46
t-1,4-Dichloro-2-butene
Concen: 1.046 ug/l m
RT: 10.85 min Scan# 2959
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

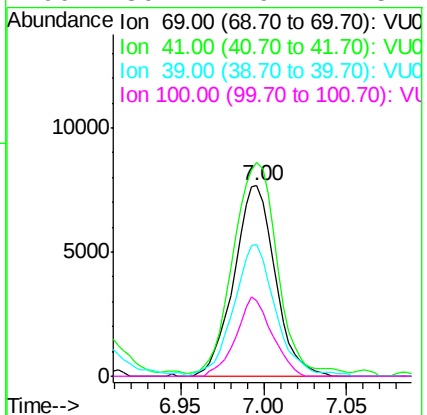
Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.0	81.1	121.7
89	57.9	53.2	79.8
88	39.9	38.2	57.2





#47
Methyl methacrylate
Concen: 1.051 ug/l
RT: 7.00 min Scan# 1759
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

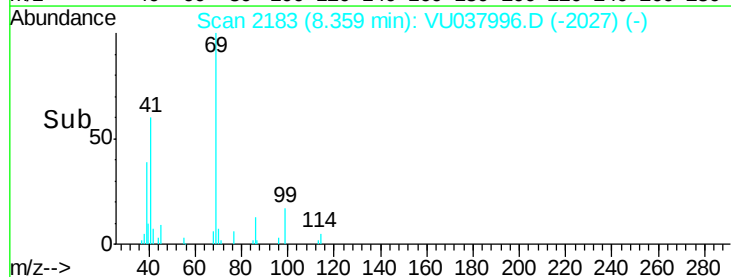
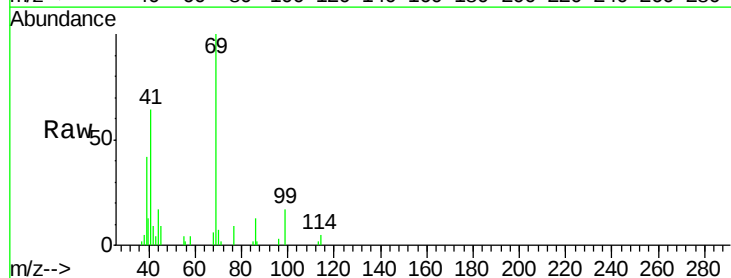
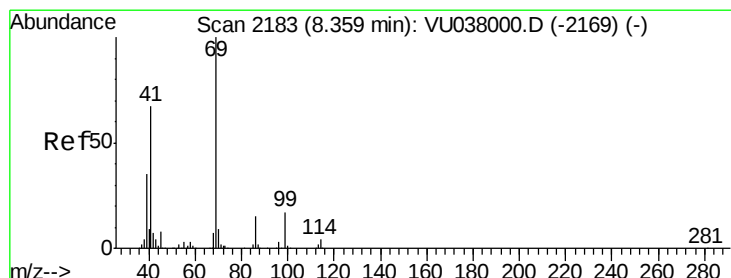
Tot Ion	Ratio	Lower	Upper
69	100		
41	117.4	0.0	241.6
39	70.5	52.9	79.3
100	36.1	29.1	43.7



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

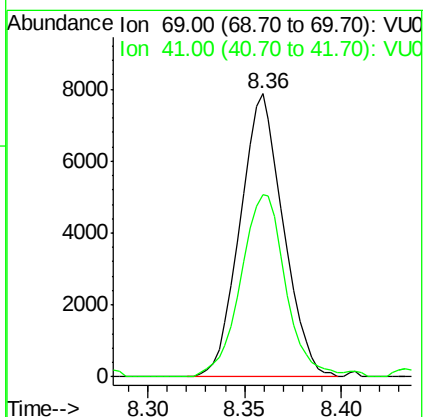
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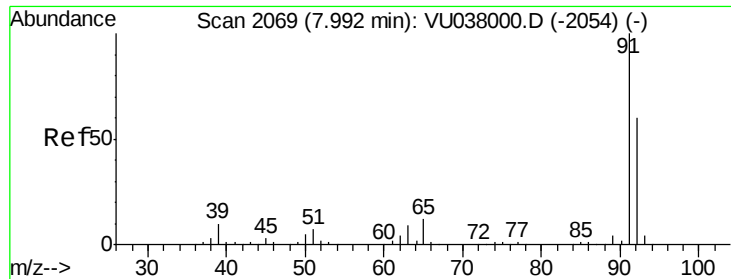
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#48
Ethyl methacrylate
Concen: 0.491 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.8	33.6	100.8





#49

Toluene

Concen: 0.514 ug/l

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 92 Resp: 33558

Ion Ratio Lower Upper

92 100

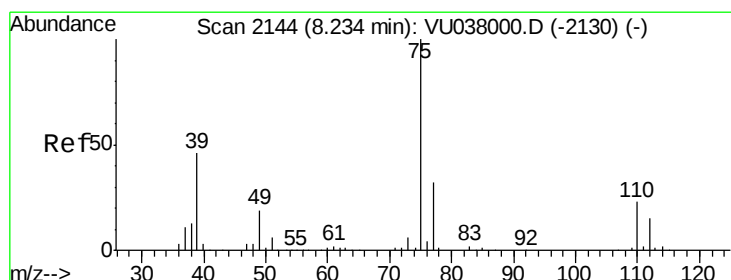
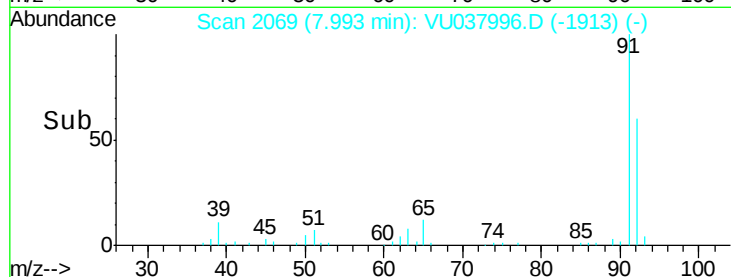
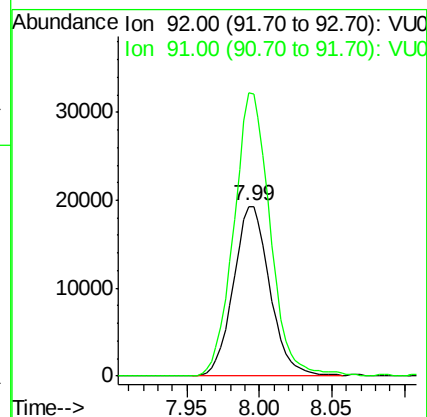
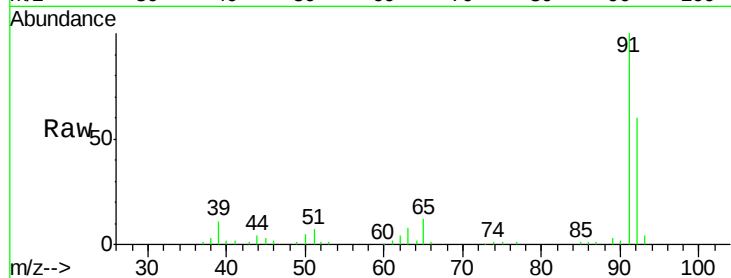
91 167.0 134.4 201.6

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#50

t-1,3-Dichloropropene

Concen: 0.471 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU037996.D

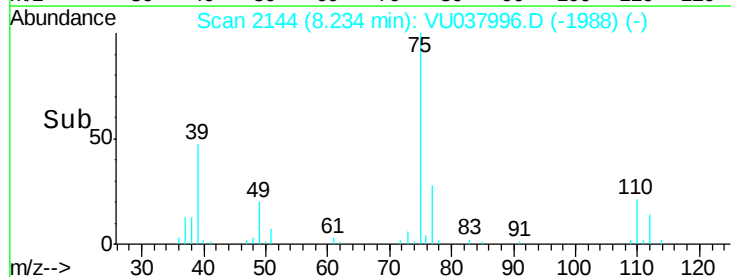
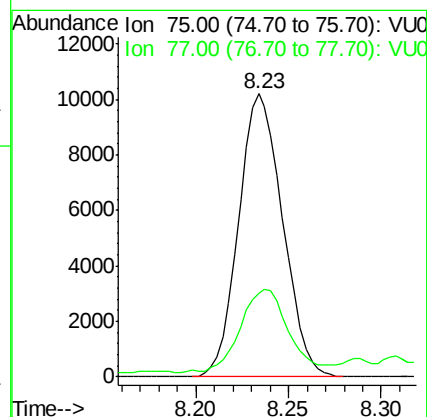
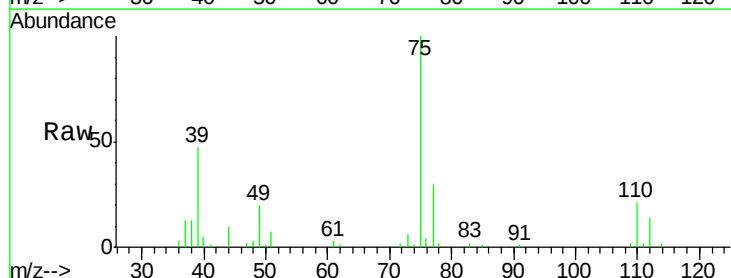
Acq: 04 May 2020 10:44

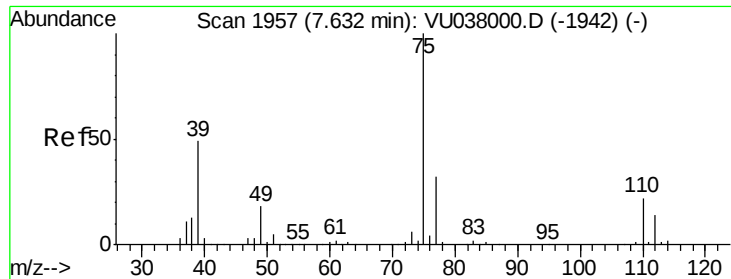
Tgt Ion: 75 Resp: 16750

Ion Ratio Lower Upper

75 100

77 27.4 25.8 38.8





#51

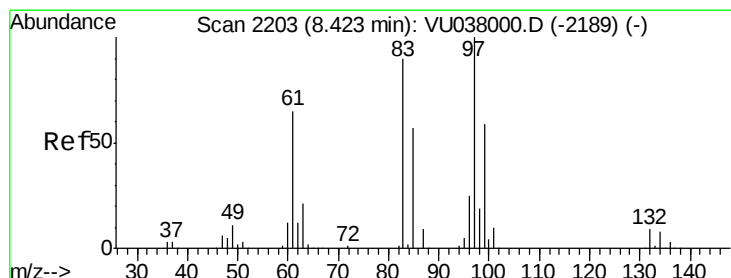
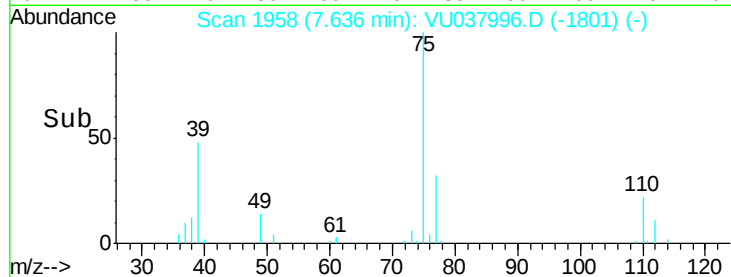
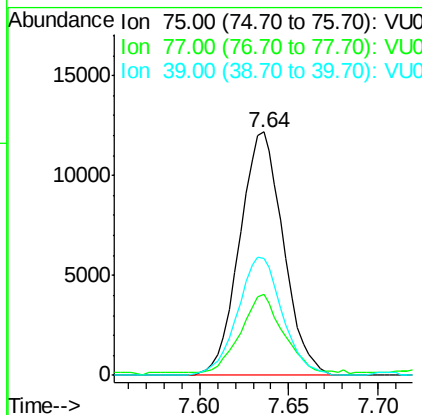
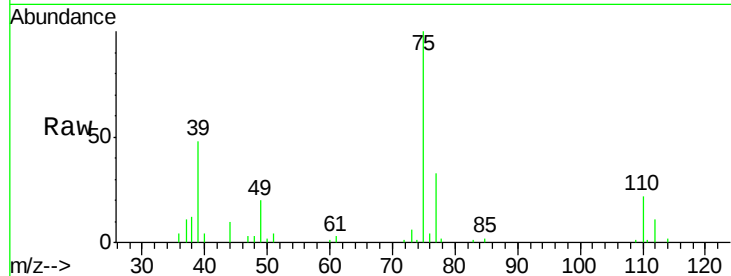
cis-1,3-Dichloropropene
 Concen: 0.509 ug/l
 RT: 7.64 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC0.5

Tot Ion:	75	Resp:	20851
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3
39	48.0	39.0	58.4

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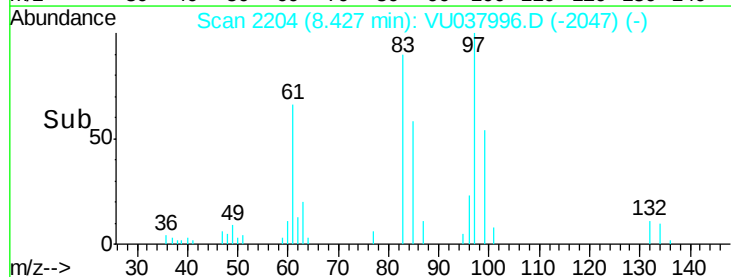
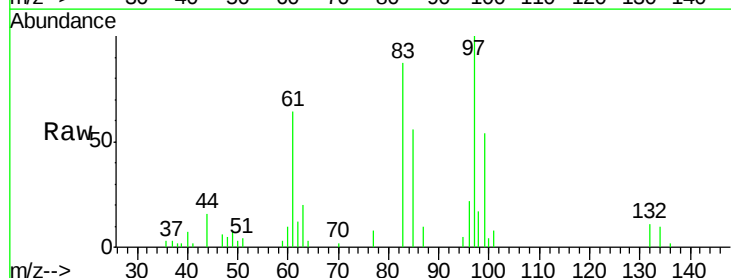
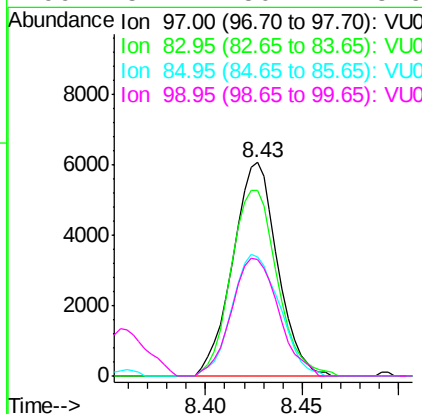
apatel
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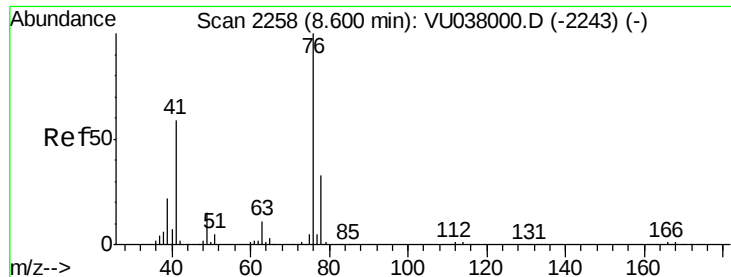


#52

1,1,2-Trichloroethane
 Concen: 0.485 ug/l
 RT: 8.43 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Tgt Ion:	97	Resp:	9732
Ion	Ratio	Lower	Upper
97	100		
83	86.7	72.4	108.6
85	56.0	46.0	69.0
99	54.4	50.4	75.6





#53

1,3-Dichloropropane

Concen: 0.493 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampled :

VSTDIC0.5

Tot Ion: 76 Resp: 17765

Ion Ratio Lower Upper

76 100

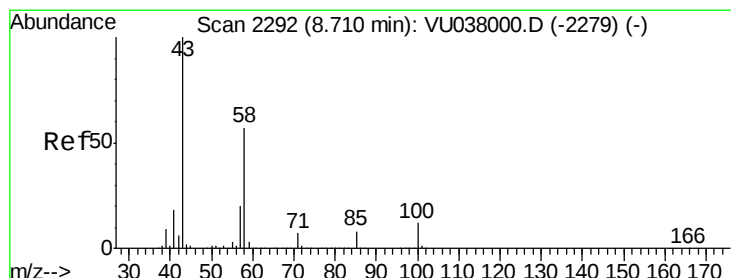
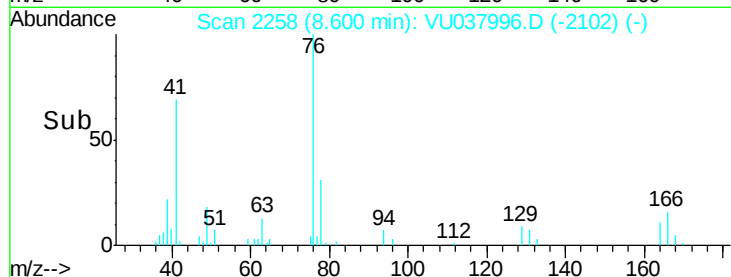
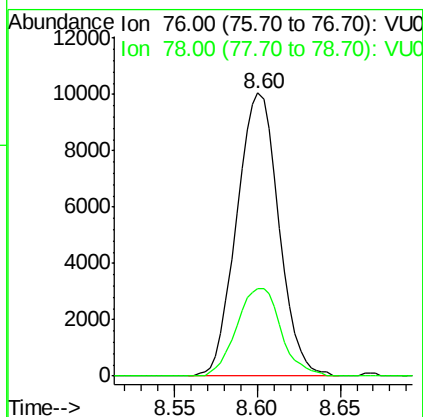
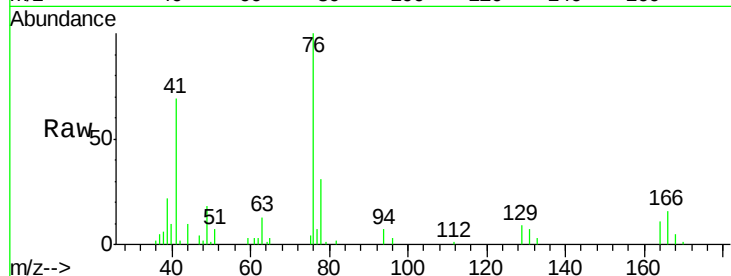
78 32.7 25.8 38.6

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#54

2-Hexanone

Concen: 2.430 ug/l

RT: 8.71 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

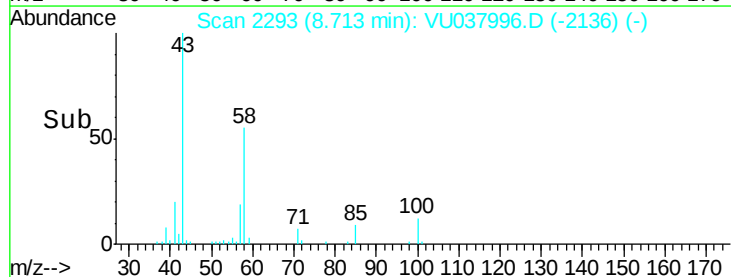
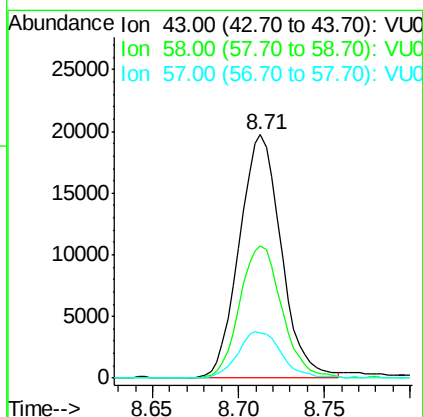
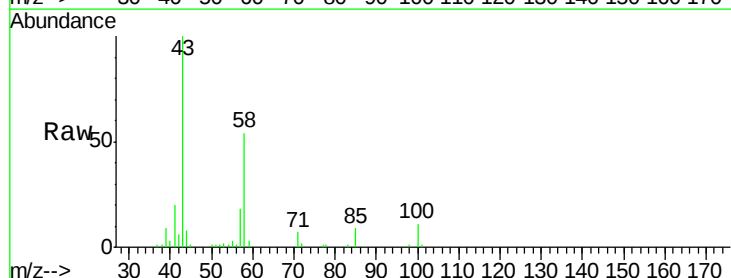
Tgt Ion: 43 Resp: 33547

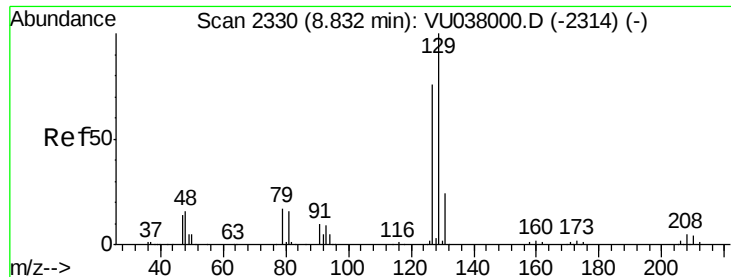
Ion Ratio Lower Upper

43 100

58 54.5 36.5 76.5

57 19.9 0.0 39.5





#55

Dibromochloromethane

Concen: 0.408 ug/l

RT: 8.84 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion:129 Resp: 9983

Ion Ratio Lower Upper

129 100

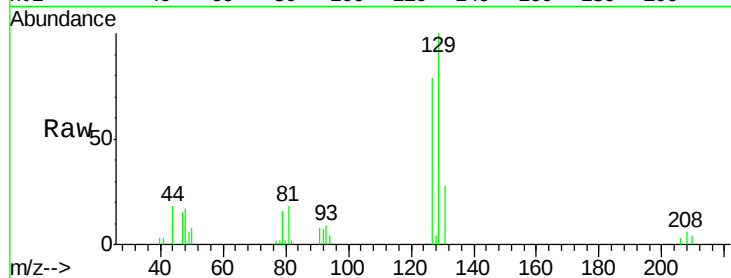
127 79.7 62.2 93.2

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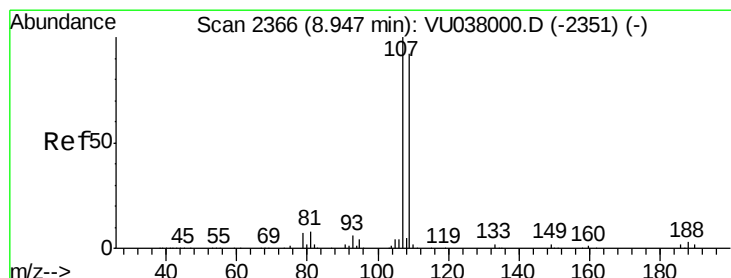
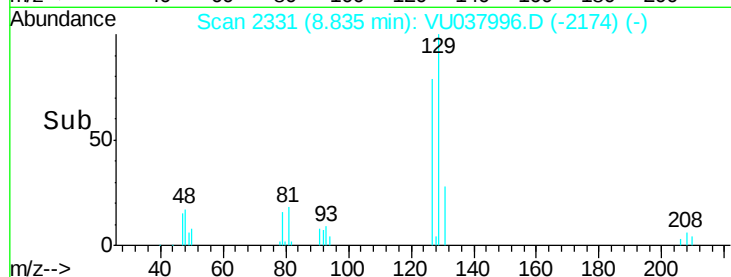
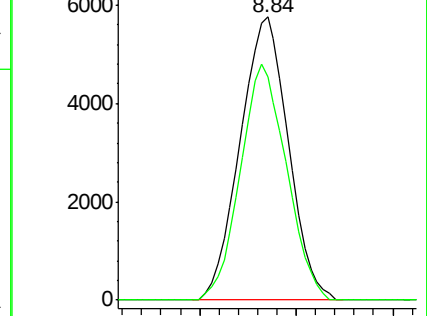
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 0.488 ug/l

RT: 8.95 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VU037996.D

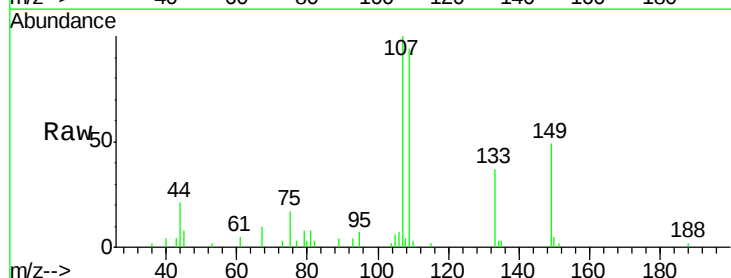
Acq: 04 May 2020 10:44

Tgt Ion:107 Resp: 9185

Ion Ratio Lower Upper

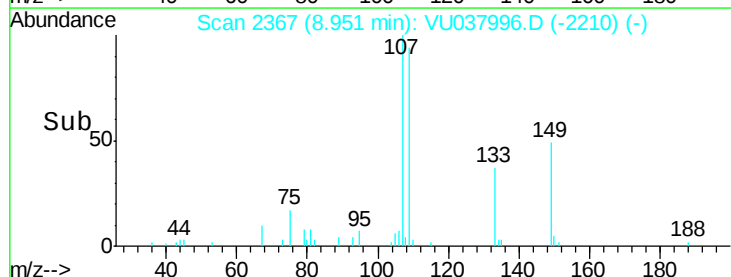
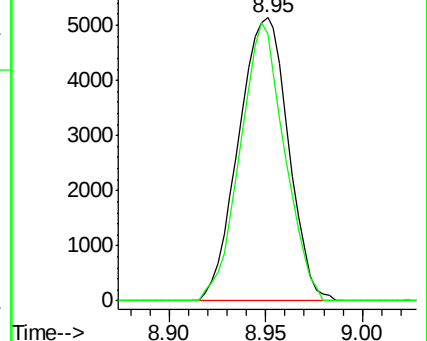
107 100

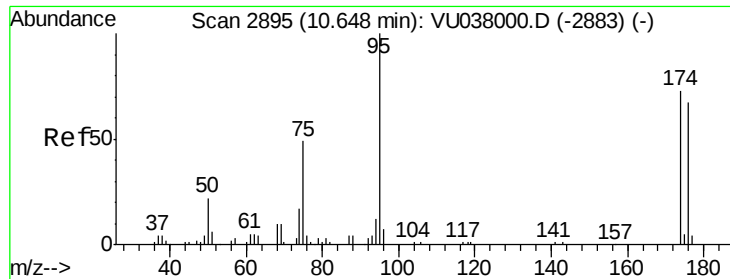
109 87.6 0.0 184.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





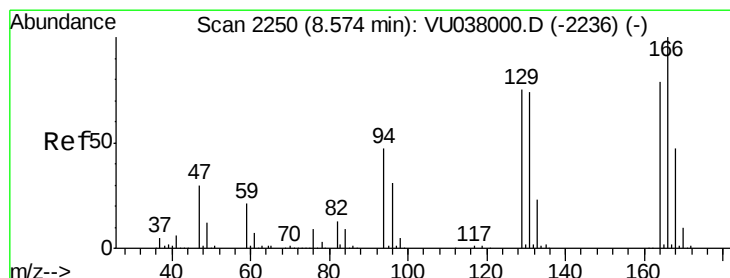
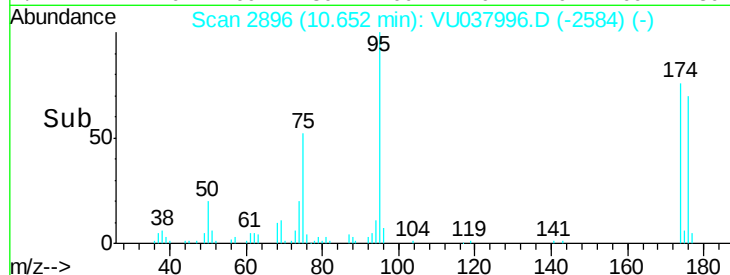
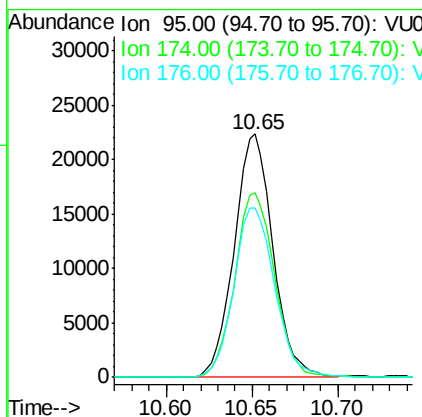
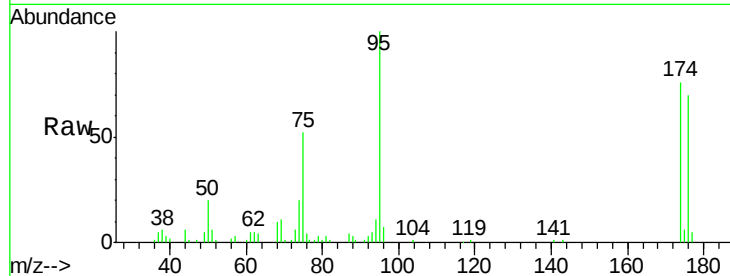
#57
4-Bromofluorobenzene
Concen: 1.003 ug/l
RT: 10.65 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
95	100		
174	77.8	61.2	91.8
176	73.4	57.1	85.7

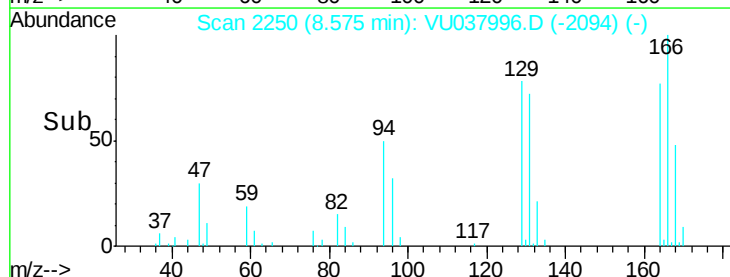
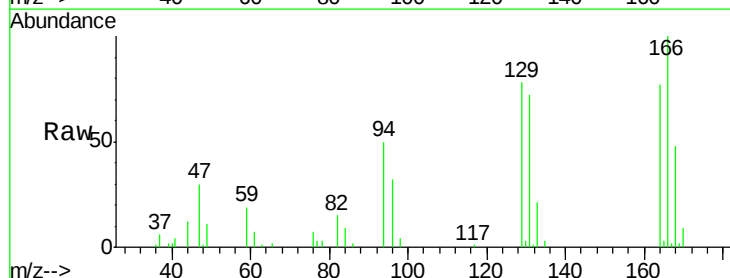
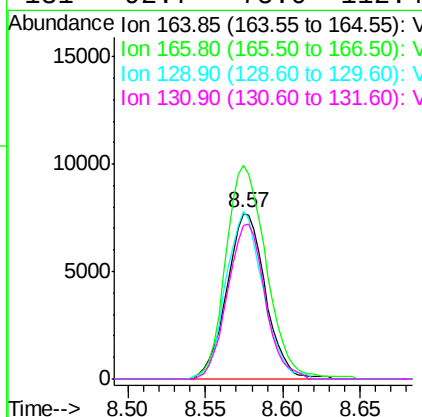
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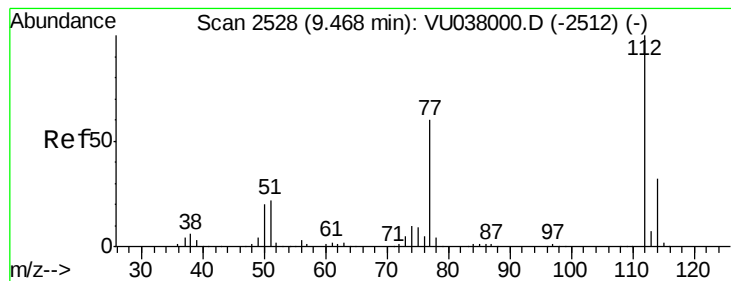
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#58
Tetrachloroethene
Concen: 0.499 ug/l
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	101.5	152.3
129	101.3	76.6	114.8
131	92.7	75.0	112.4





#59

Chlorobenzene

Concen: 0.488 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion:112 Resp: 35497

Ion Ratio Lower Upper

112 100

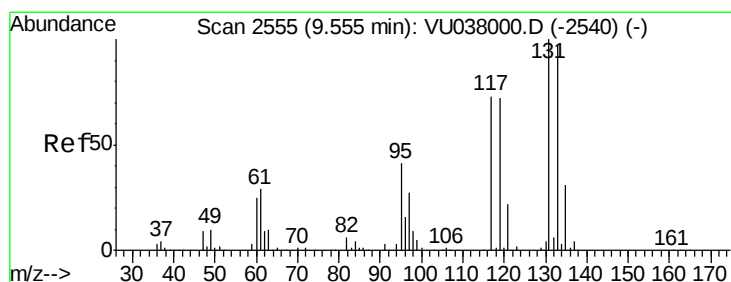
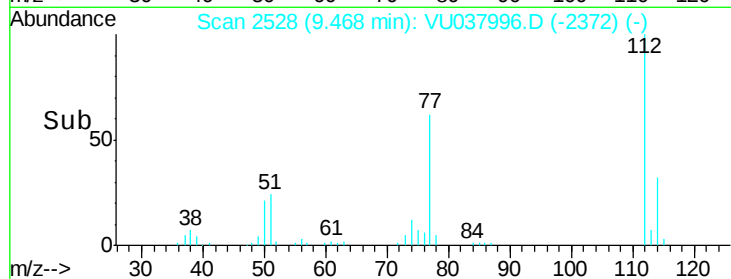
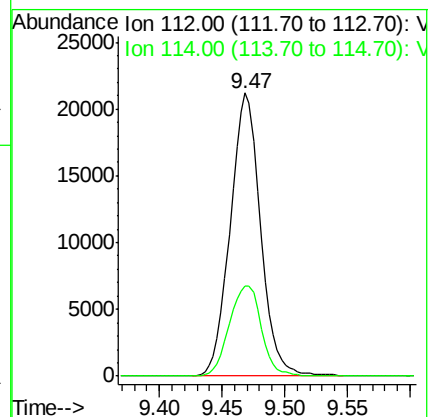
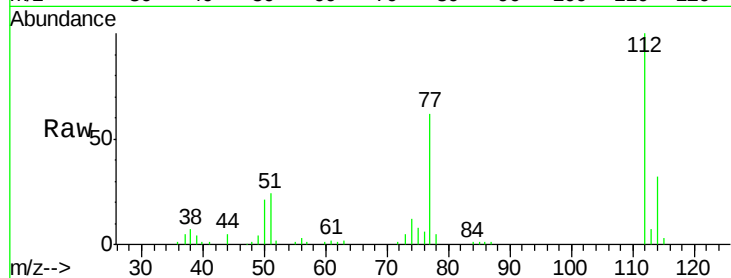
114 31.8 25.7 38.5

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#60

1,1,1,2-Tetrachloroethane

Concen: 0.408 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

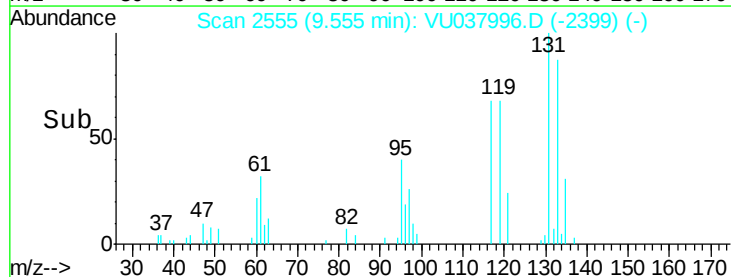
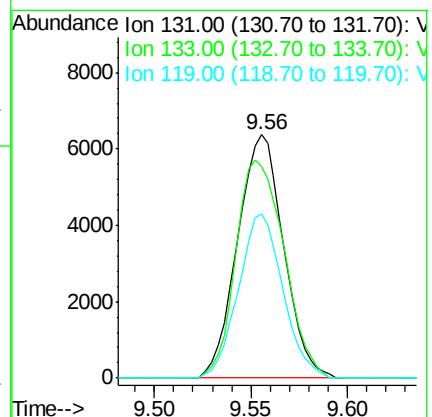
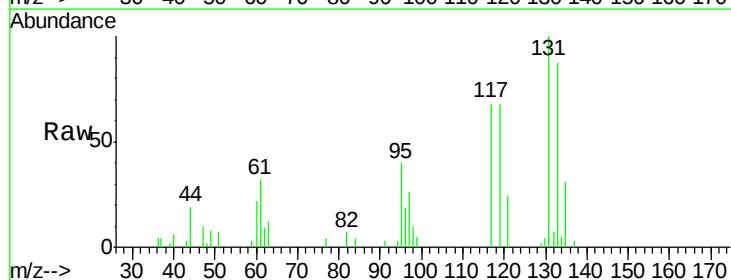
Tgt Ion:131 Resp: 10559

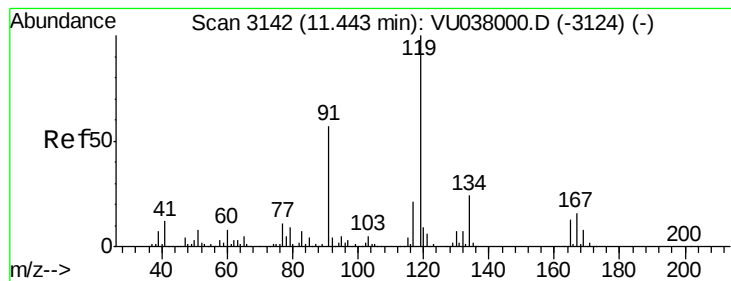
Ion Ratio Lower Upper

131 100

133 93.5 76.8 115.2

119 64.9 56.7 85.1





#61

Pentachloroethane

Concen: 0.396 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion:117 Resp: 7817

Ion Ratio Lower Upper

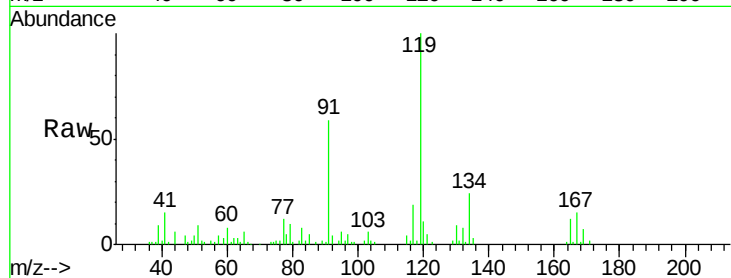
117 100

167 67.7 60.3 90.5

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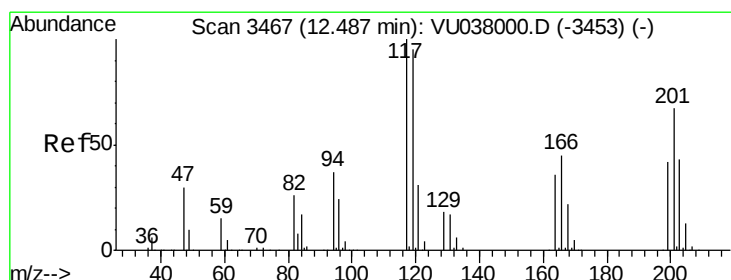
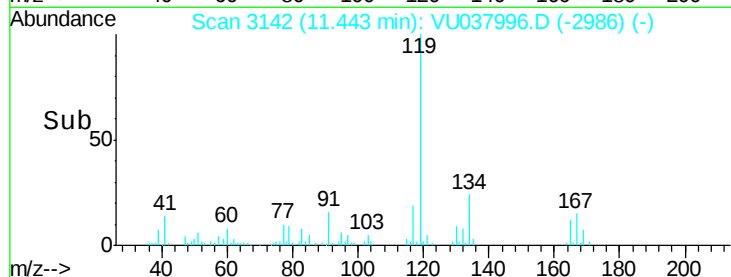
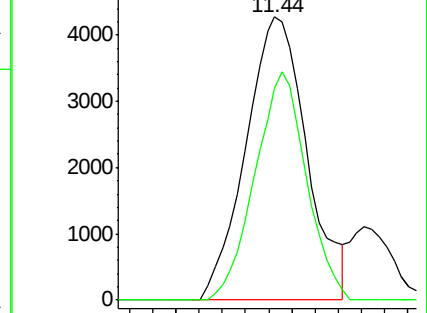
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 0.393 ug/l

RT: 12.49 min Scan# 3468

Delta R.T. 0.00 min

Lab File: VU037996.D

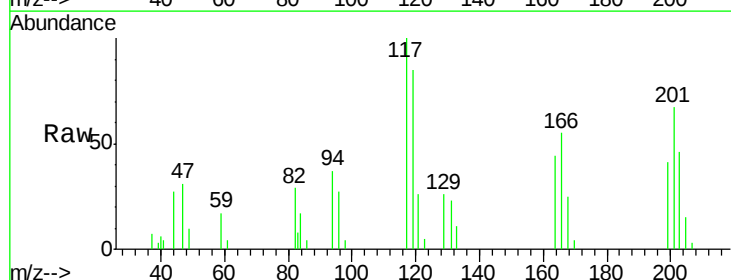
Acq: 04 May 2020 10:44

Tgt Ion:117 Resp: 8250

Ion Ratio Lower Upper

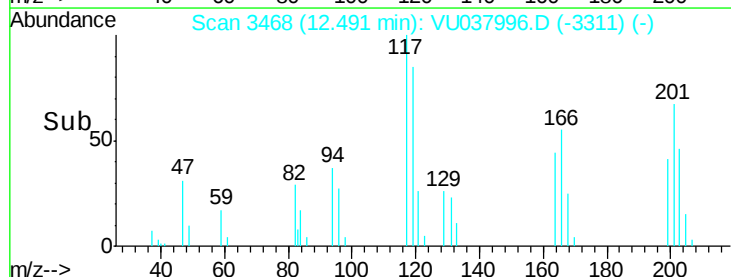
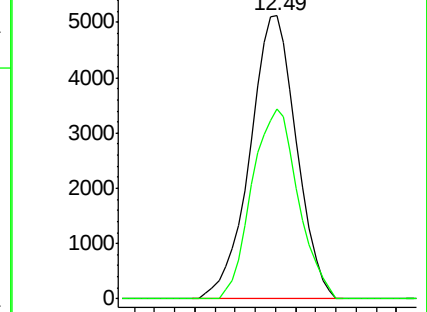
117 100

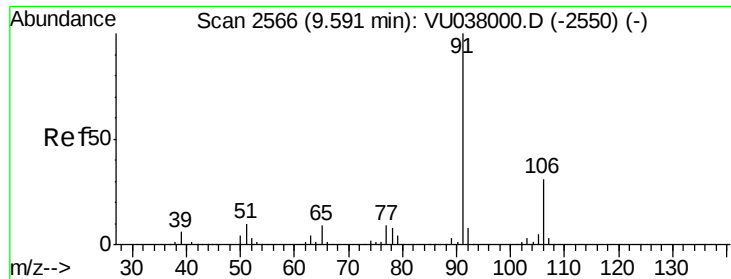
201 66.6 54.7 82.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





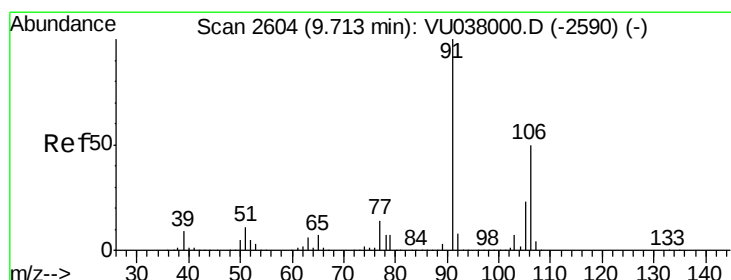
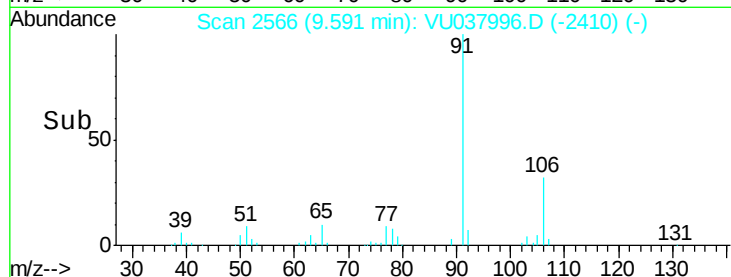
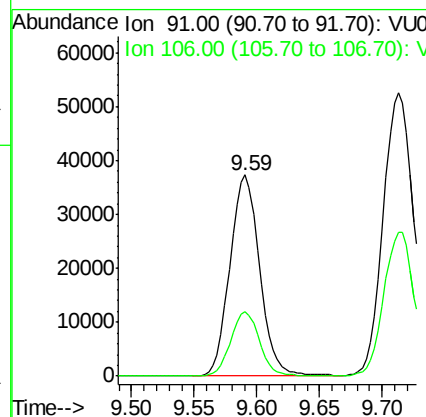
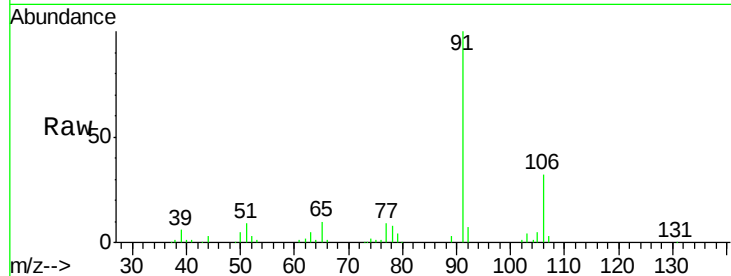
#63
Ethyl Benzene
Concen: 0.498 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion: 91 Resp: 61821
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

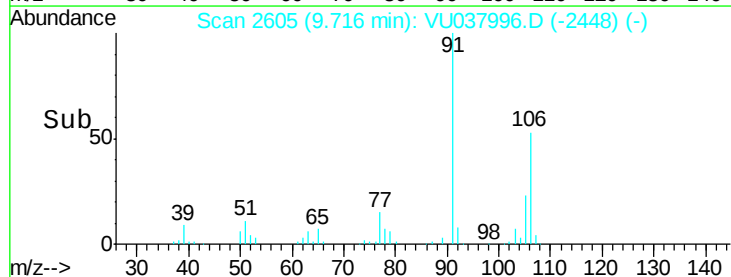
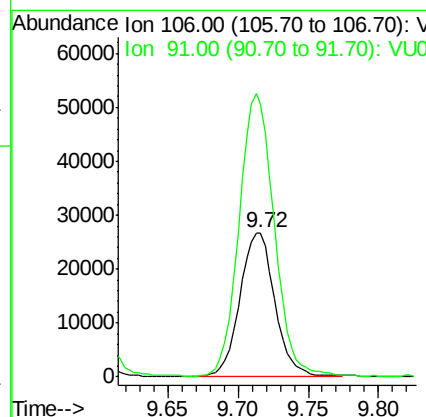
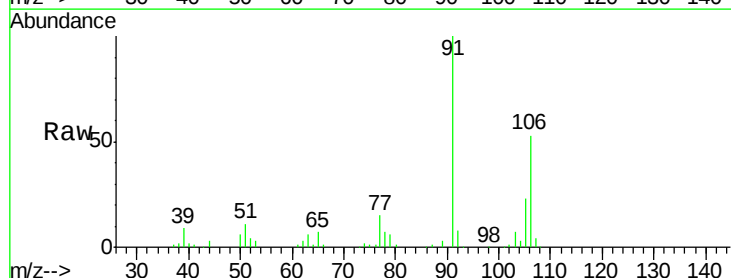
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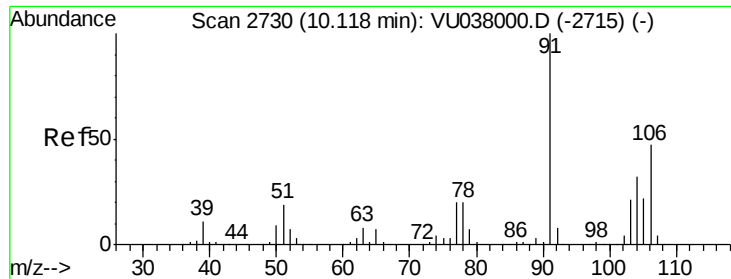
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#64
m/p-Xylenes
Concen: 0.992 ug/l
RT: 9.72 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Tgt Ion: 106 Resp: 46658
Ion Ratio Lower Upper
106 100
91 195.8 159.5 239.3





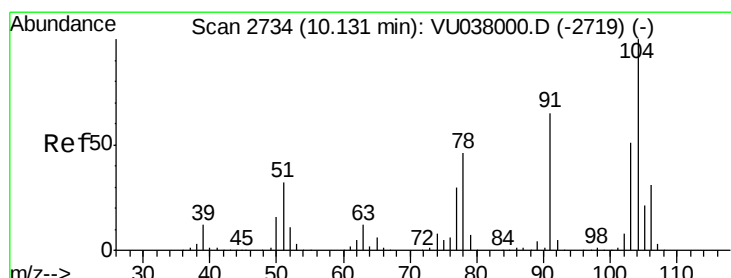
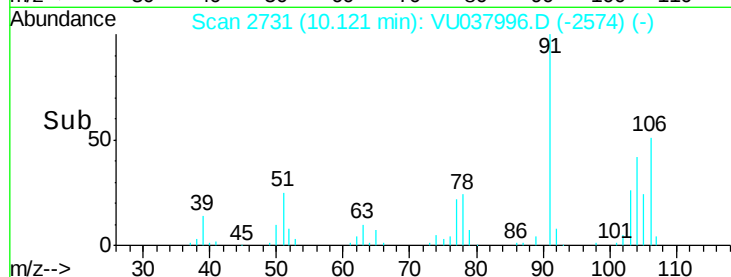
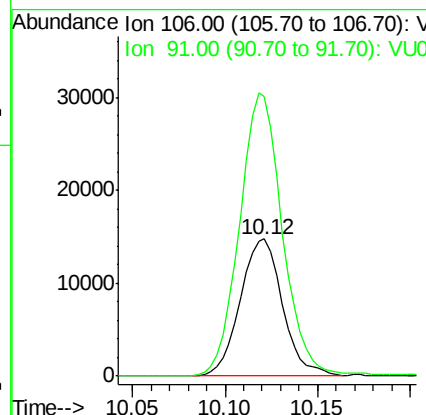
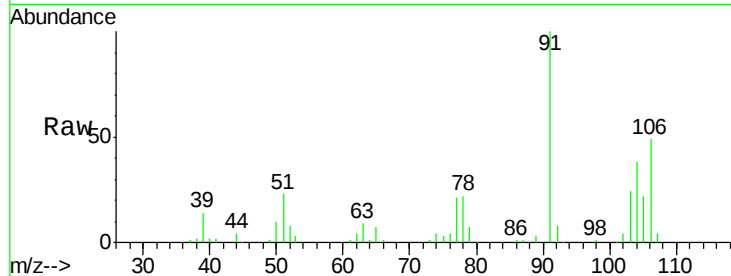
#65
o-Xylene
Concen: 0.514 ug/l
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Instrument :
MSVOA_U
ClientSampled :
VSTDIC0.5

Tot Ion:106 Resp: 23398
Ion Ratio Lower Upper
106 100
91 209.7 105.7 317.0

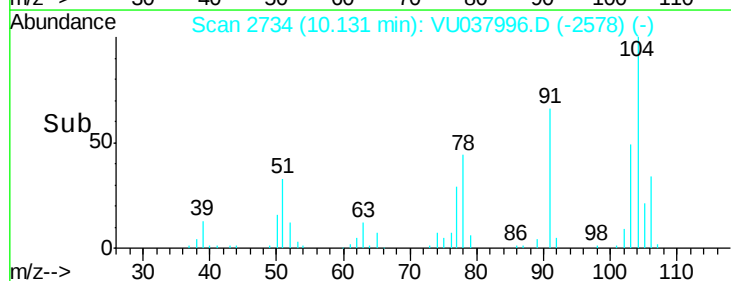
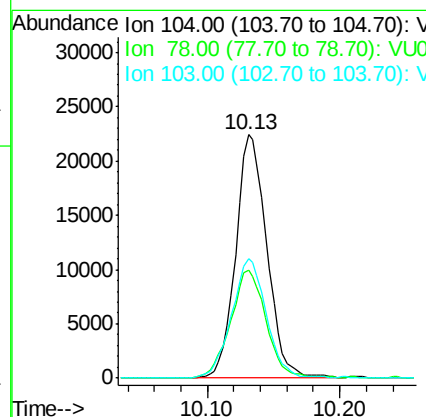
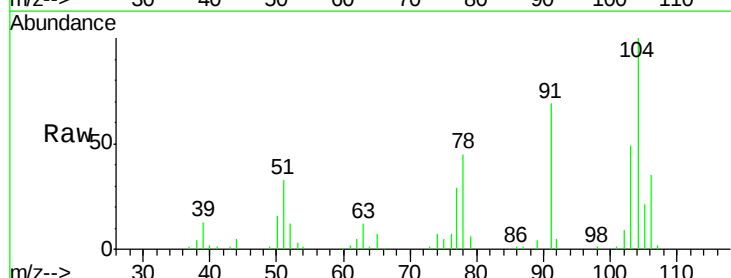
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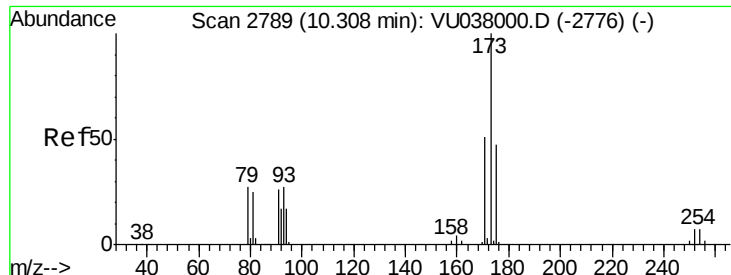
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#66
Styrene
Concen: 0.491 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Tgt Ion:104 Resp: 36505
Ion Ratio Lower Upper
104 100
78 50.2 39.9 59.9
103 54.6 43.4 65.2





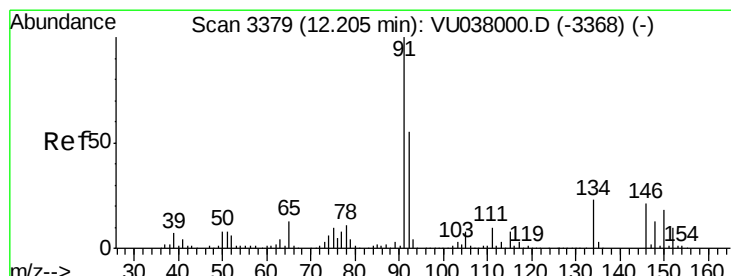
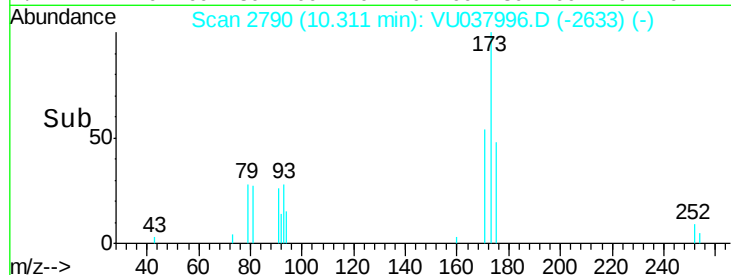
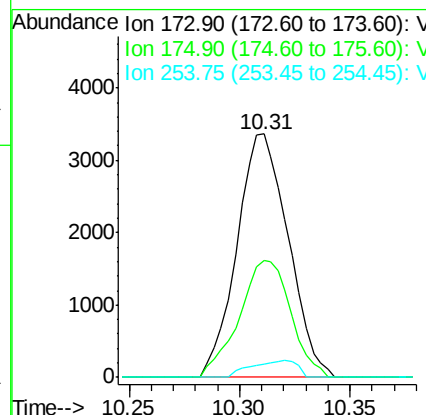
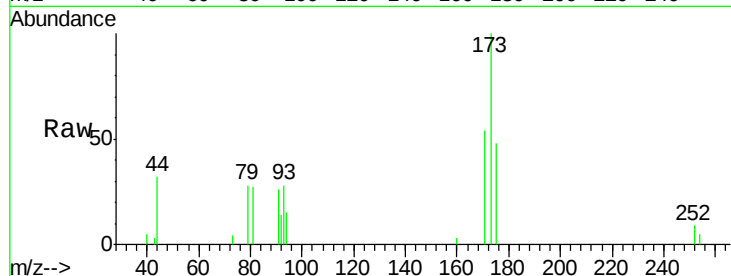
#67
Bromoform
Concen: 0.424 ug/l
RT: 10.31 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	37.6	56.4
254	6.3	5.5	8.3

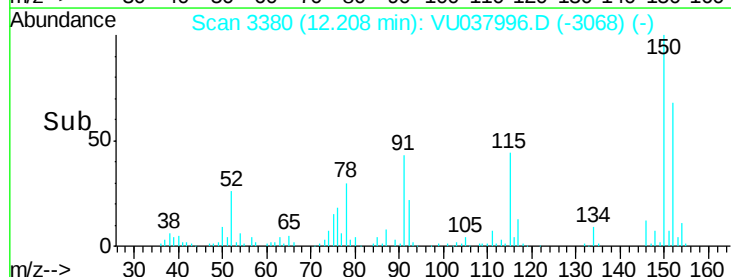
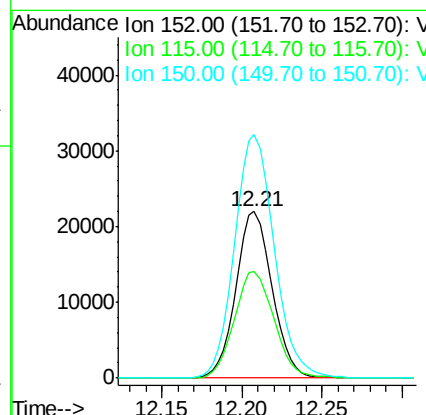
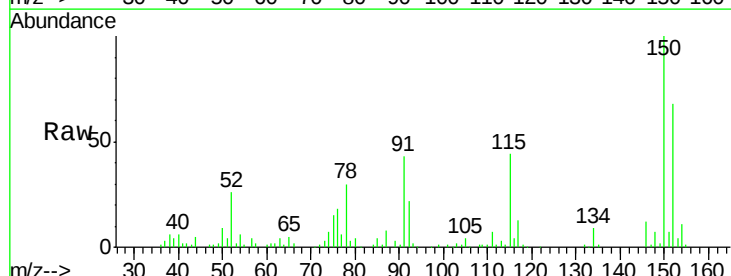
Manual Integrations
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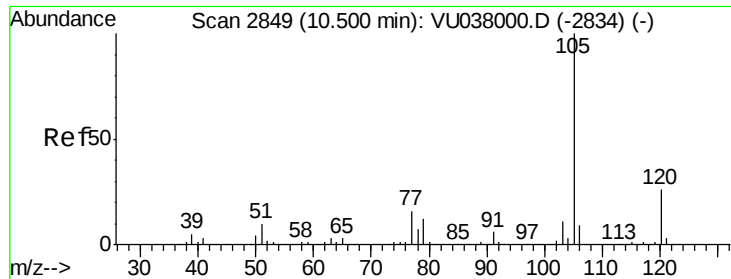
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#68
1,2-Dichlorobenzene-d4
Concen: 0.967 ug/l
RT: 12.21 min Scan# 3380
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.3	0.0	261.0
150	160.7	0.0	650.2





#69

Isopropylbenzene

Concen: 0.483 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion:105 Resp: 59641

Ion Ratio Lower Upper

105 100

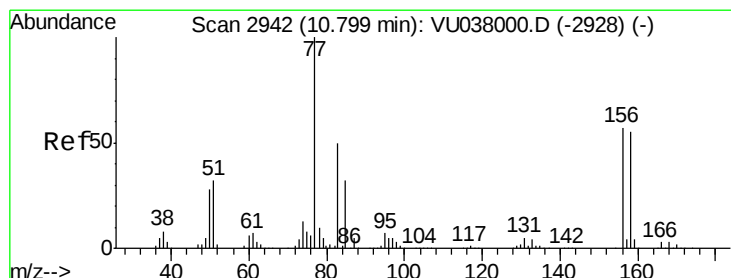
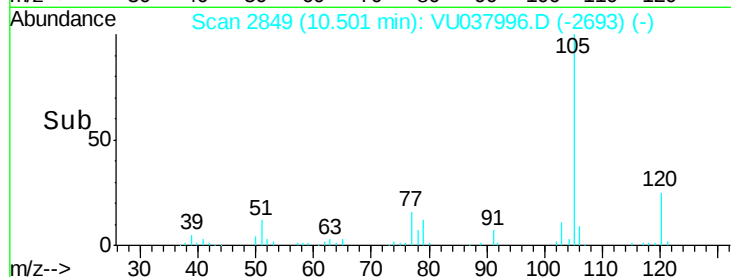
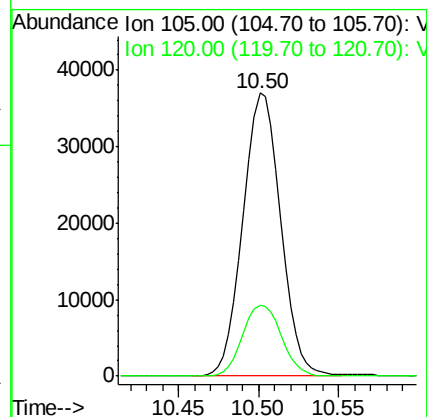
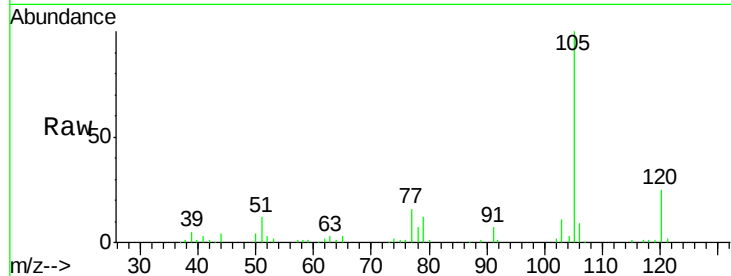
120 25.7 13.1 39.3

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 0.475 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

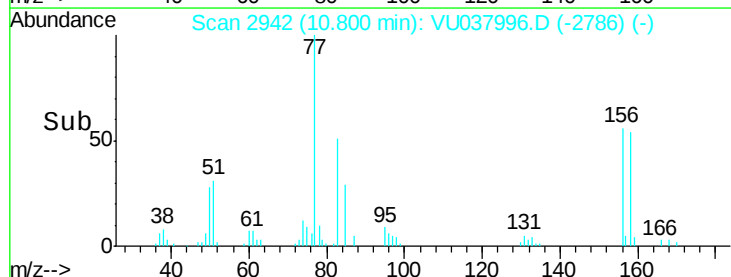
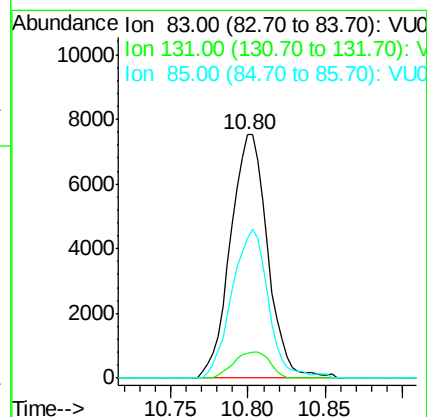
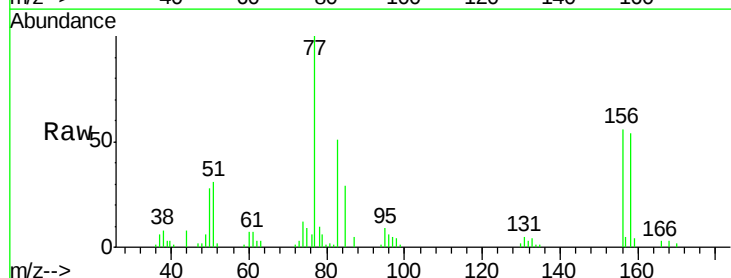
Tgt Ion: 83 Resp: 12507

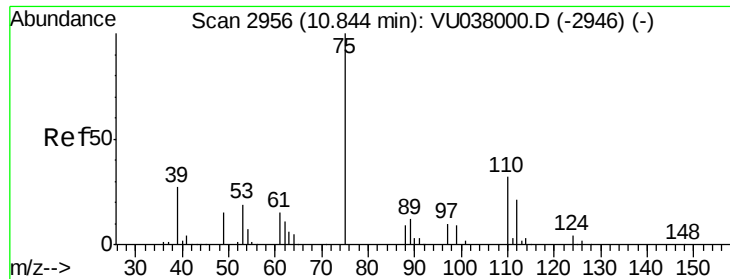
Ion Ratio Lower Upper

83 100

131 10.4 7.2 10.8

85 59.2 50.0 75.0





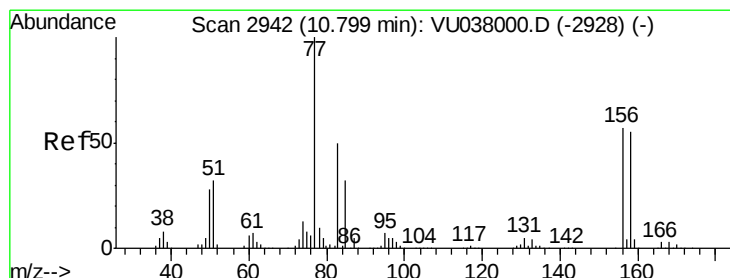
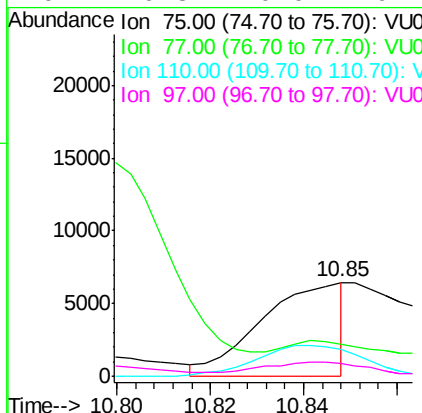
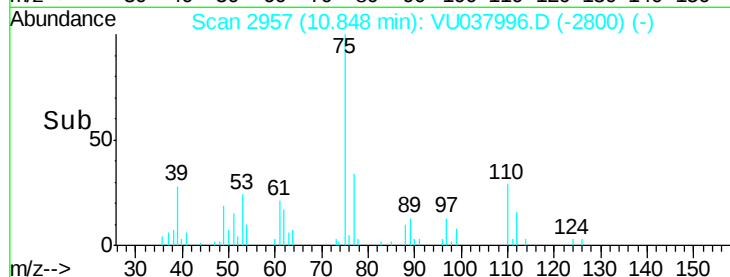
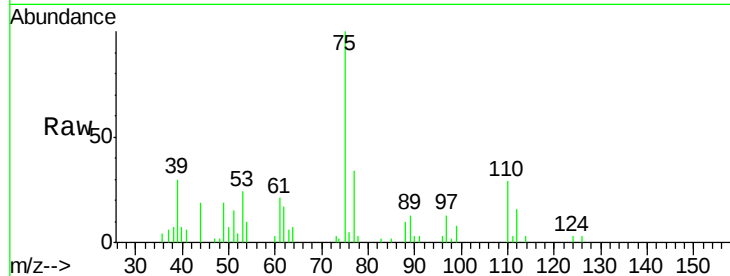
#71
 1,2,3-Trichloropropane
 Concen: 0.379 ug/l m
 RT: 10.85 min Scan# 2957
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion:	75	Resp:	7869
Ion	Ratio	Lower	Upper
75	100		
77	58.9	0.0	108.6
110	43.7	0.0	79.4
97	20.3	0.0	40.4

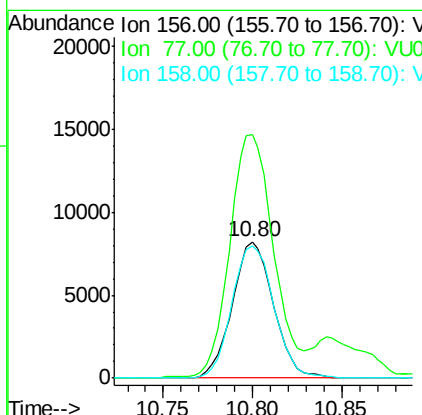
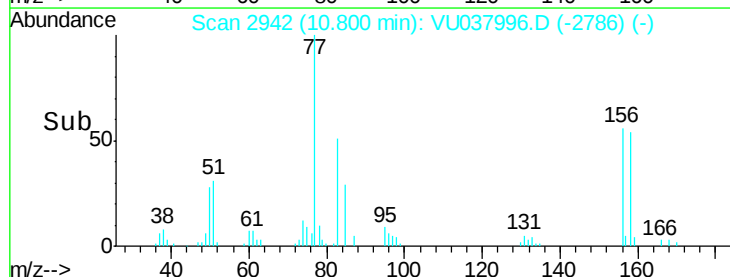
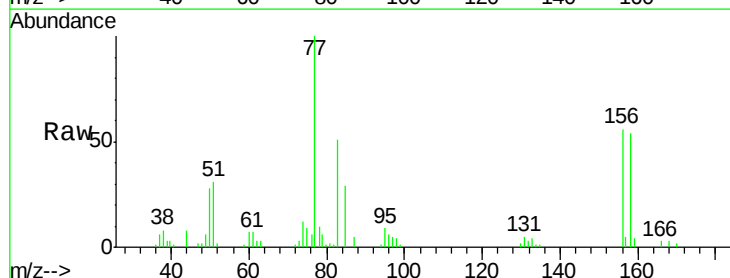
Manual Integrations
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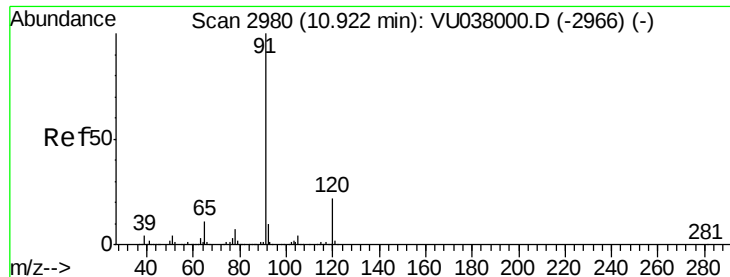
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#72
 Bromobenzene
 Concen: 0.443 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Tgt Ion:	156	Resp:	13242
Ion	Ratio	Lower	Upper
156	100		
77	187.1	0.0	355.6
158	99.3	0.0	194.0





#73

n-propylbenzene

Concen: 0.479 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion:120 Resp: 15715

Ion Ratio Lower Upper

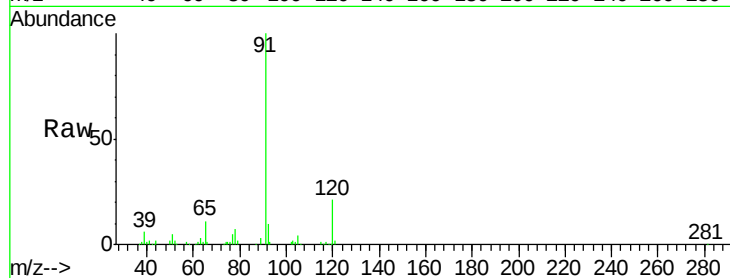
120 100

91 462.5 355.4 533.0

Manual Integrations
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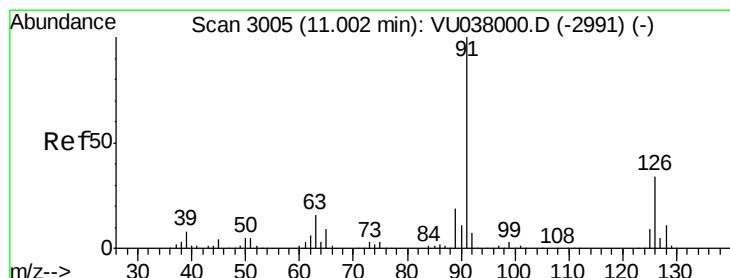
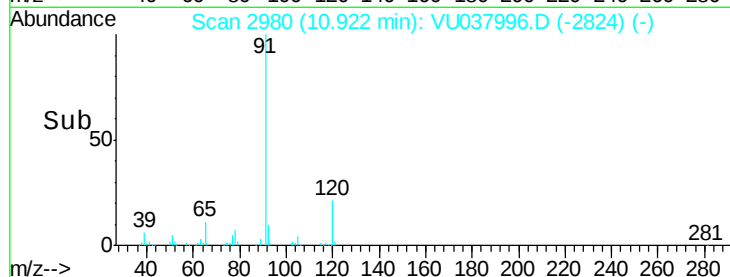
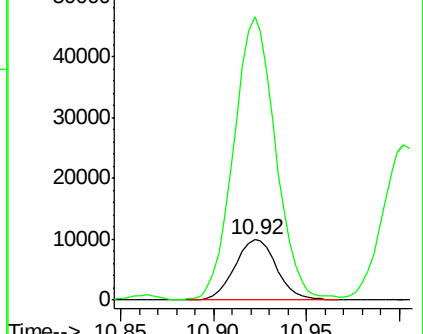
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 0.463 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU037996.D

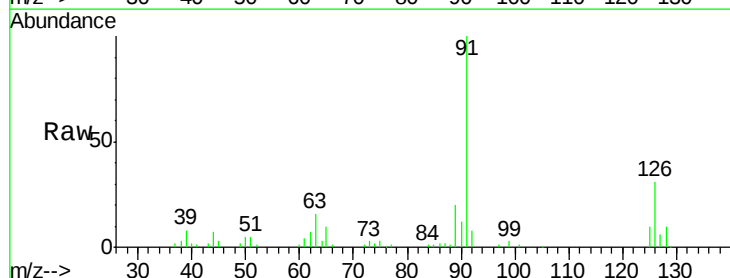
Acq: 04 May 2020 10:44

Tgt Ion:126 Resp: 13607

Ion Ratio Lower Upper

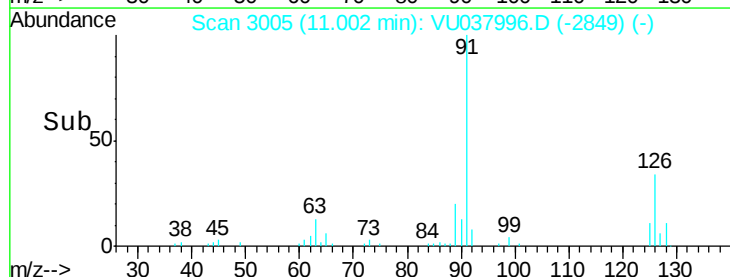
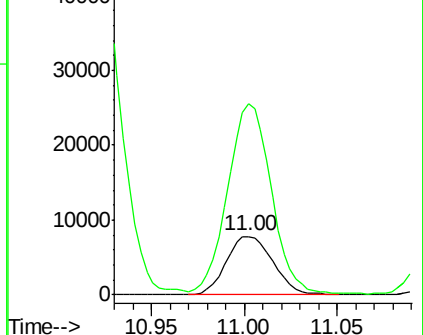
126 100

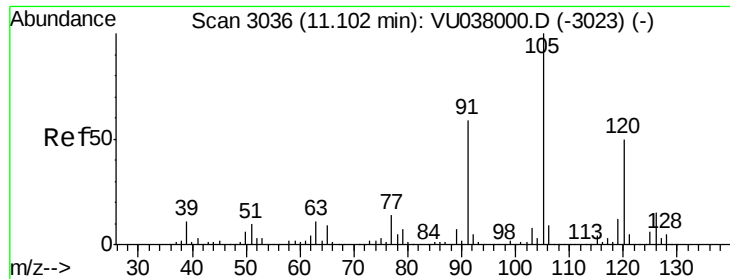
91 305.4 0.0 625.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 0.461 ug/l

RT: 11.11 min Scan# 3037

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampled :

VSTDIC0.5

Tot Ion:105 Resp: 48748

Ion Ratio Lower Upper

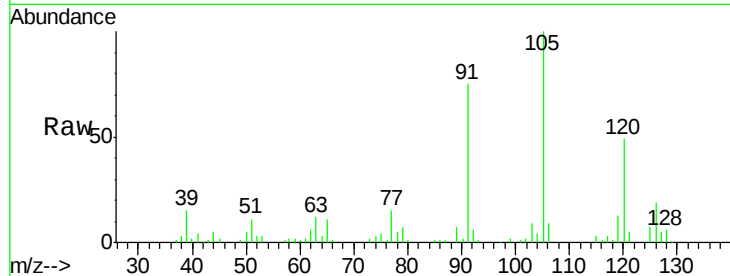
105 100

120 49.7 39.8 59.6

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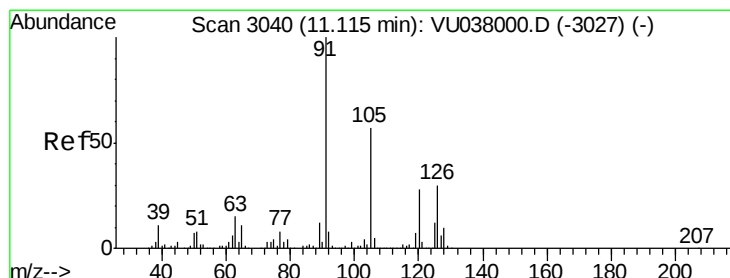
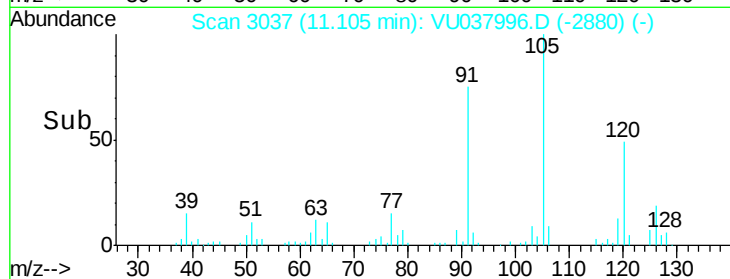
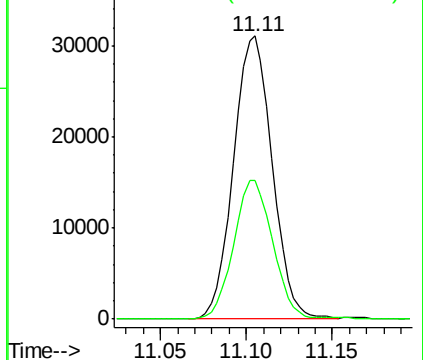
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 0.468 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU037996.D

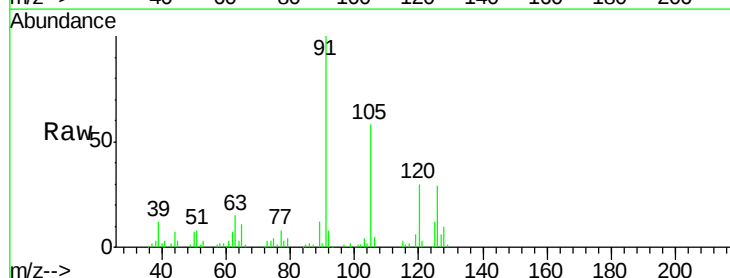
Acq: 04 May 2020 10:44

Tgt Ion:126 Resp: 13890

Ion Ratio Lower Upper

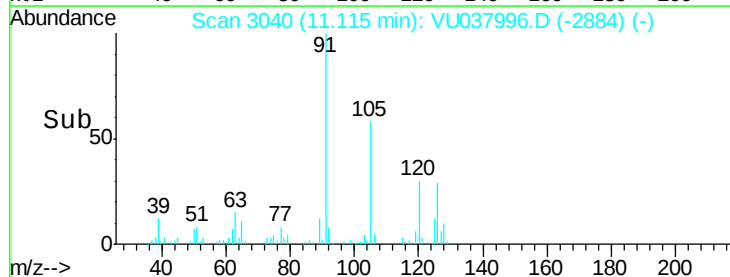
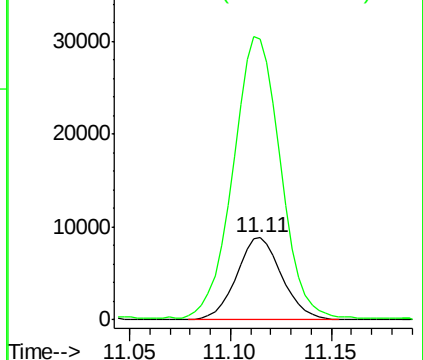
126 100

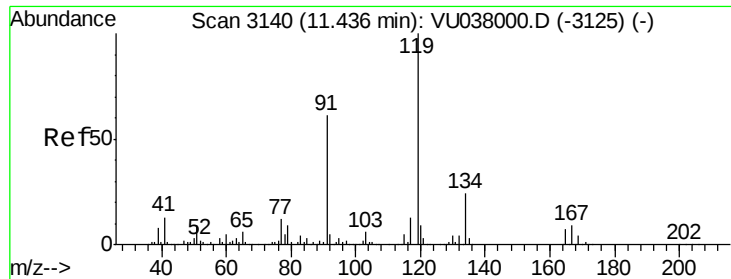
91 358.5 0.0 698.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 0.449 ug/l

RT: 11.44 min Scan# 3140

Delta R.T. 0.00 min

Lab File: VU037996.D

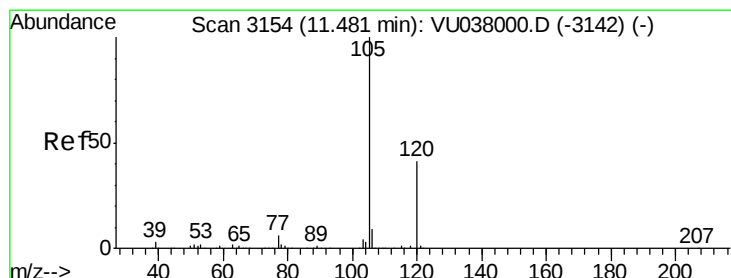
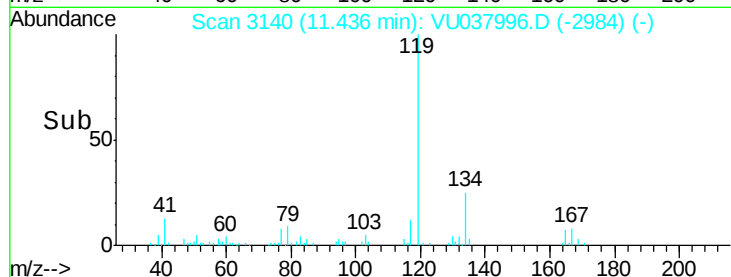
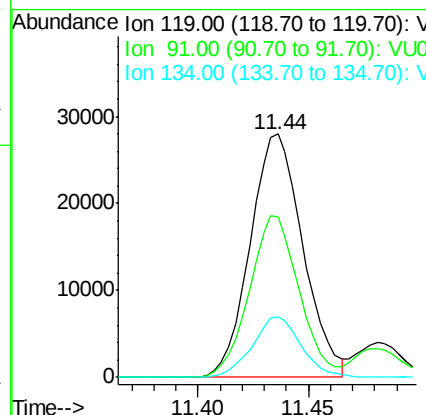
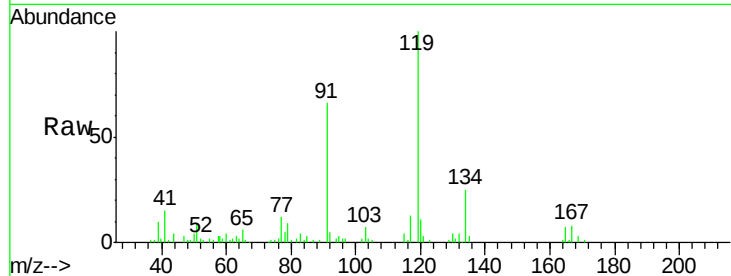
Acq: 04 May 2020 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.2	30.1	90.5
134	22.9	19.0	28.6

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#78

1,2,4-Trimethylbenzene

Concen: 0.467 ug/l

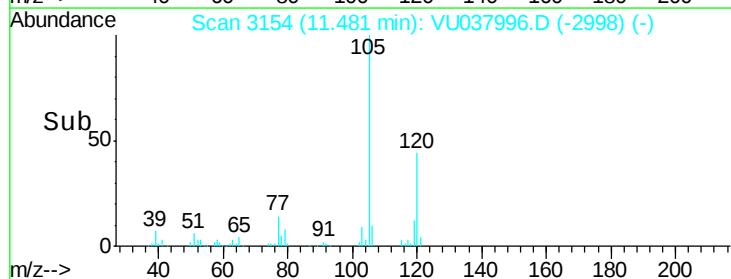
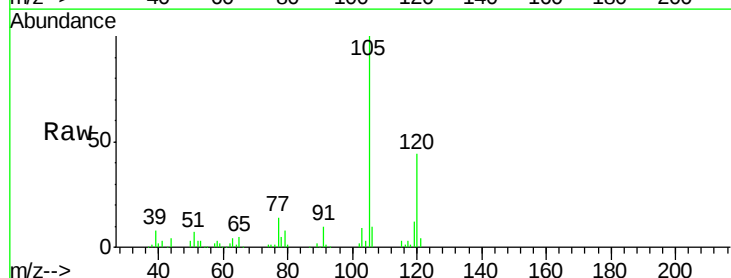
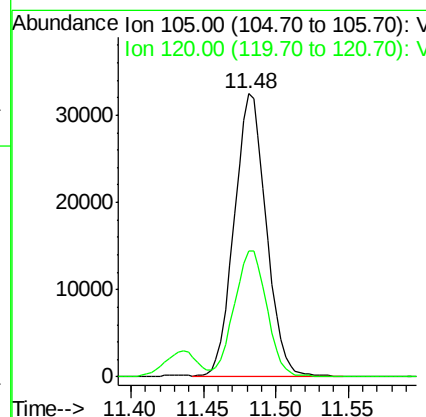
RT: 11.48 min Scan# 3154

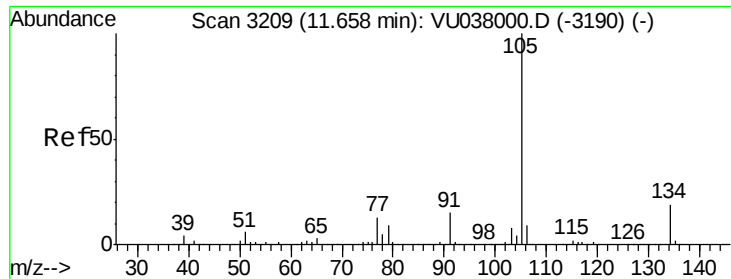
Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.4	70.0





#79

sec-Butylbenzene

Concen: 0.467 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 105 Resp: 66148

Ion Ratio Lower Upper

105 100

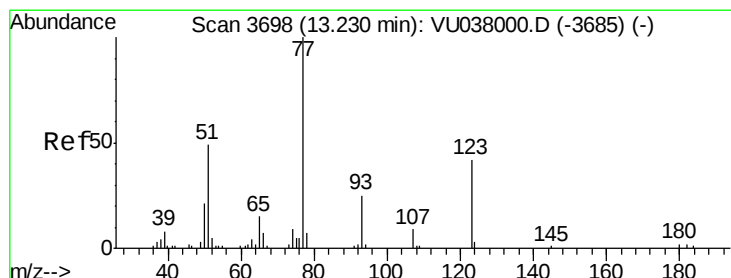
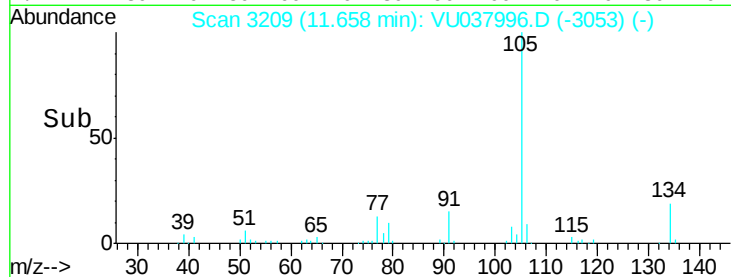
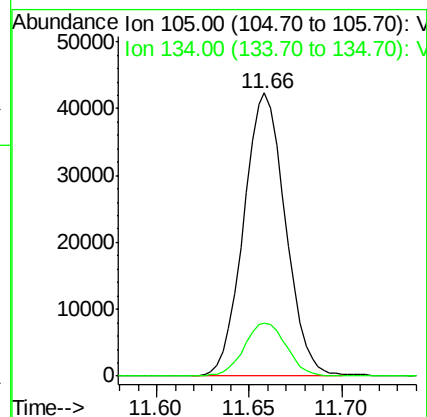
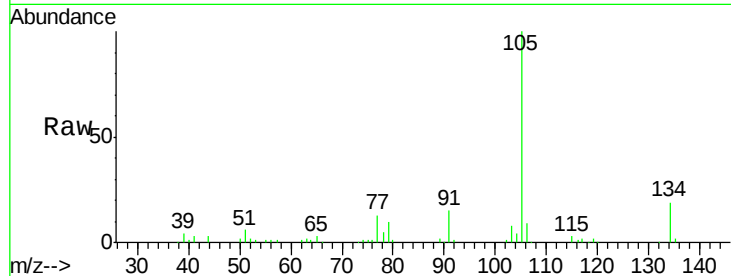
134 19.0 15.4 23.0

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#80

Nitrobenzene

Concen: 3.402 ug/l

RT: 13.23 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VU037996.D

Acq: 04 May 2020 10:44

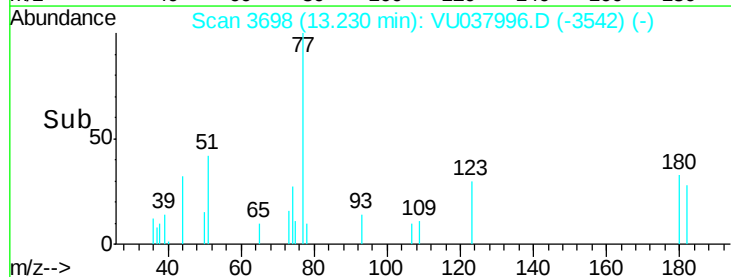
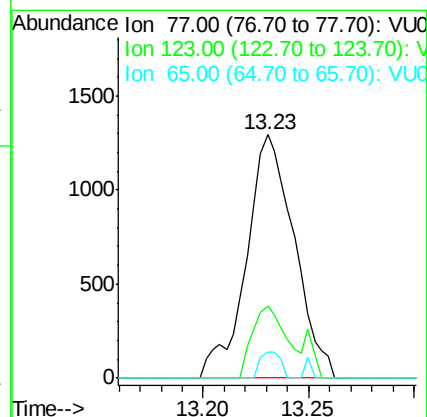
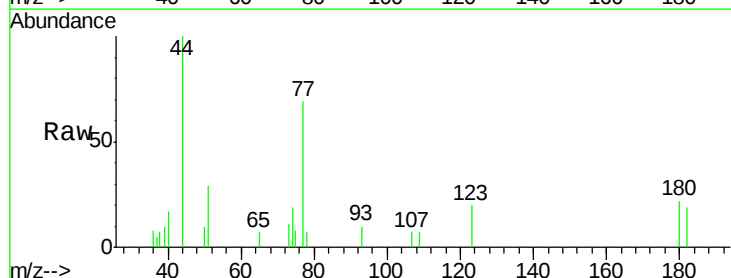
Tgt Ion: 77 Resp: 2042

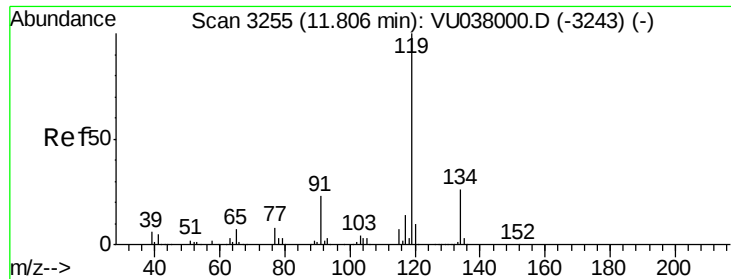
Ion Ratio Lower Upper

77 100

123 15.7 17.6 62.6#

65 4.6 13.2 16.8#





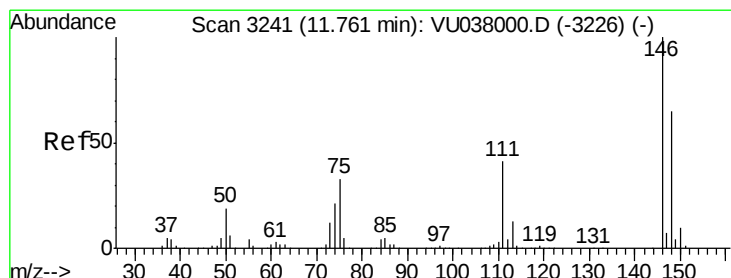
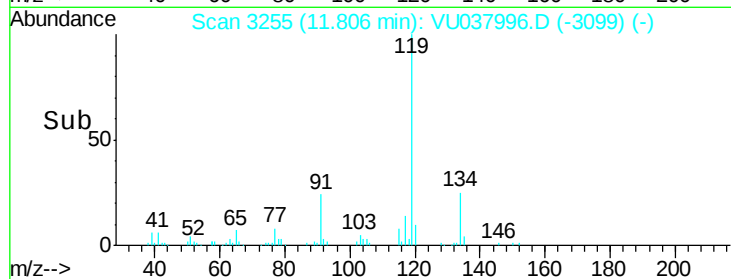
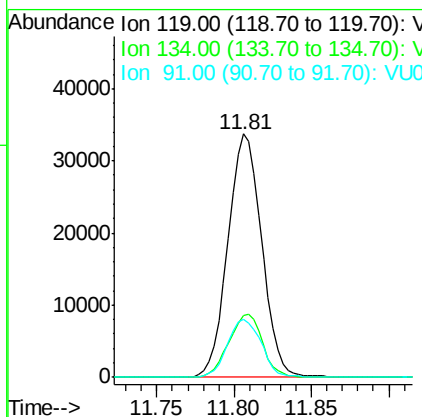
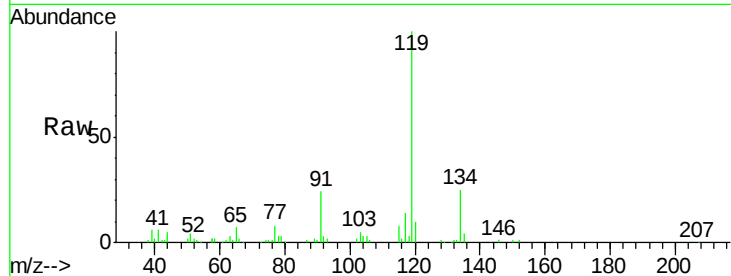
#81
 p-Isopropyltoluene
 Concen: 0.459 ug/l
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.6	31.0
91	23.9	18.6	28.0

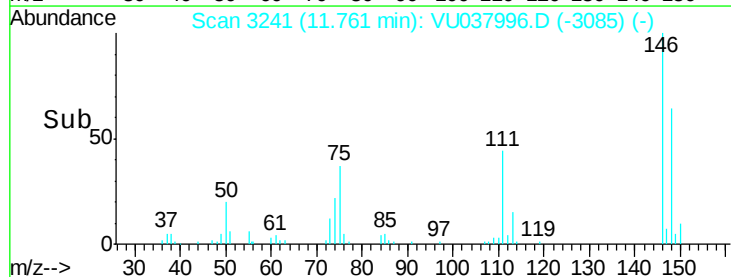
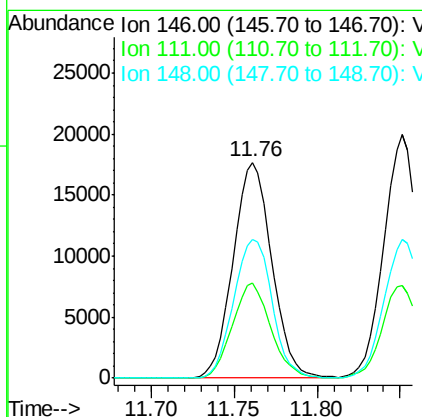
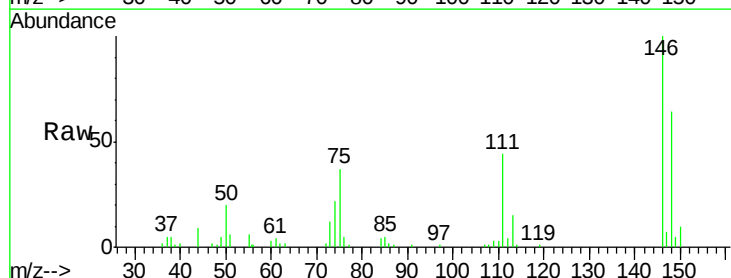
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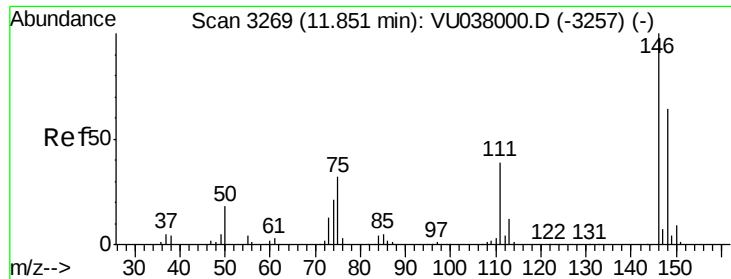
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#82
 1,3-Dichlorobenzene
 Concen: 0.485 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	33.0	49.4
148	63.7	51.4	77.2





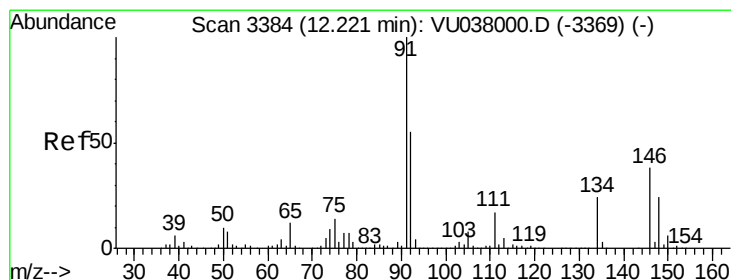
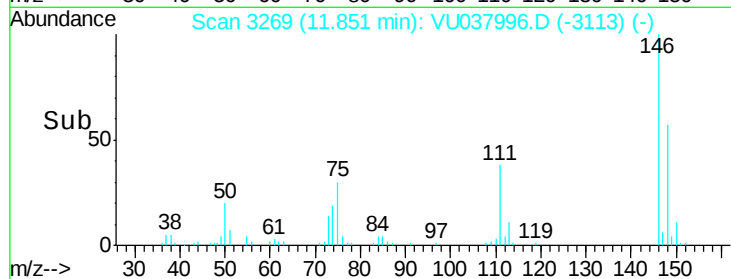
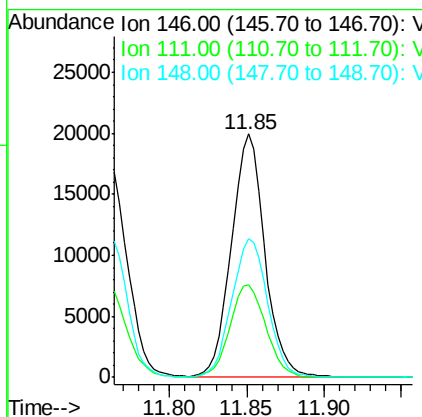
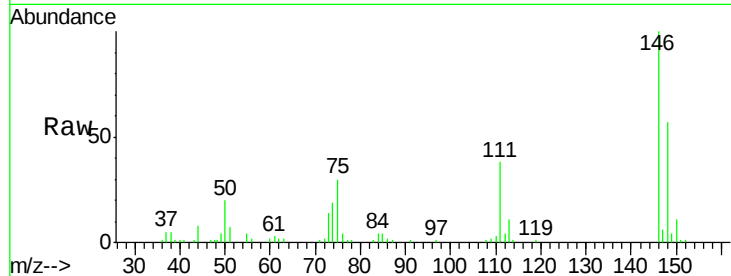
#83
 1,4-Dichlorobenzene
 Concen: 0.500 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	31.8	47.6
148	61.1	51.2	76.8

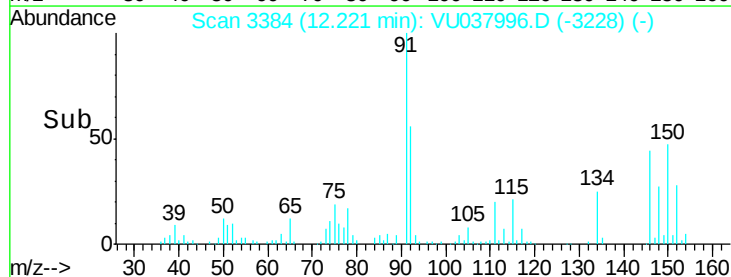
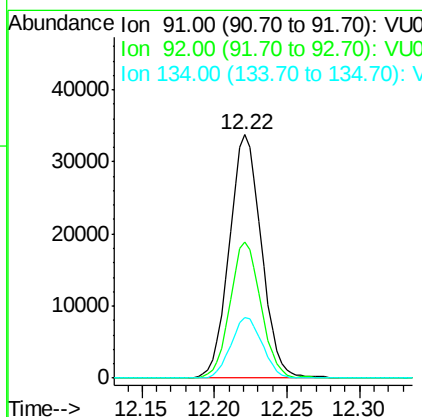
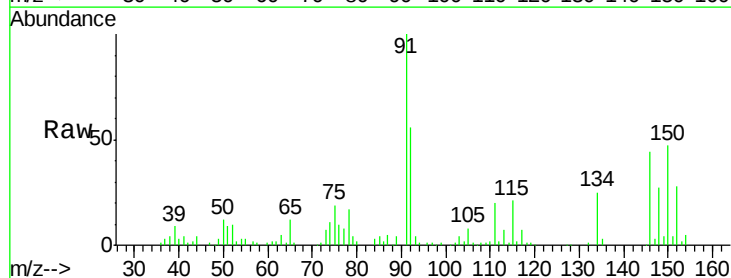
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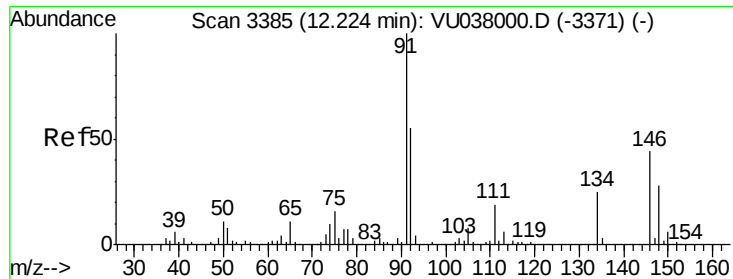
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#84
 n-Butylbenzene
 Concen: 0.486 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	43.8	65.6
134	24.2	19.4	29.2





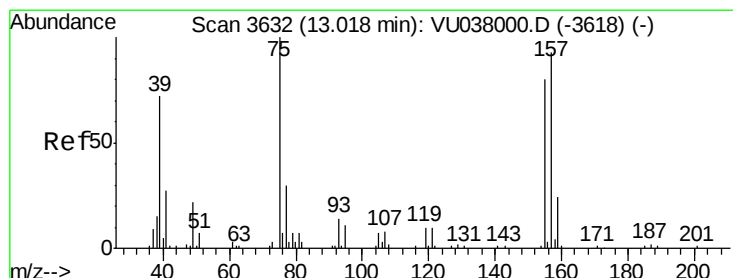
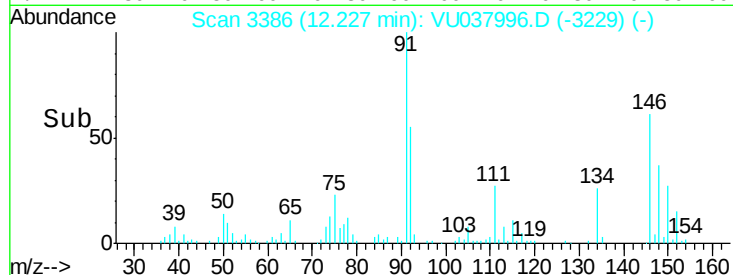
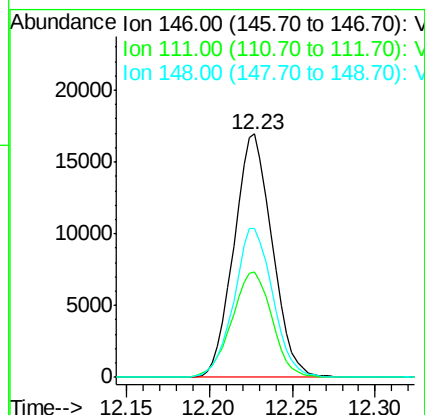
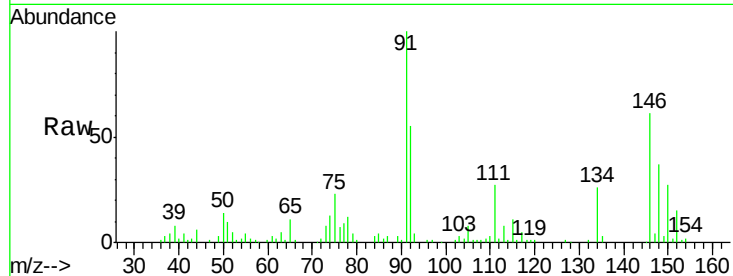
#85
 1,2-Dichlorobenzene
 Concen: 0.477 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	21.9	65.8
148	62.2	31.8	95.4

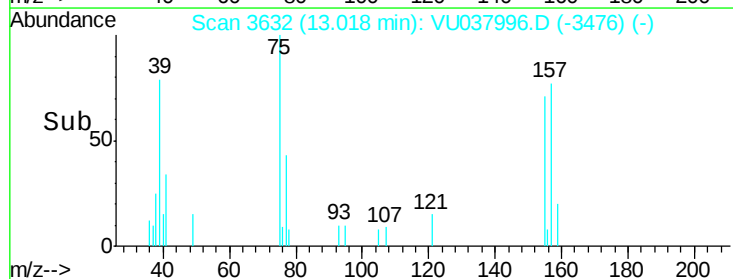
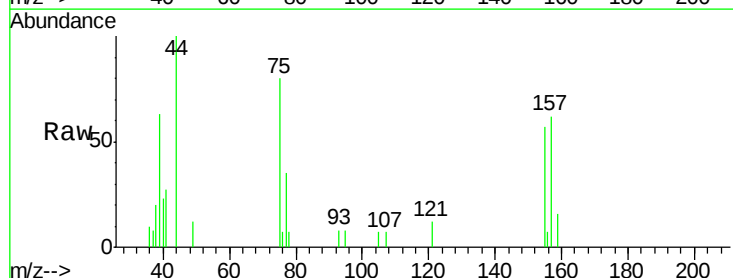
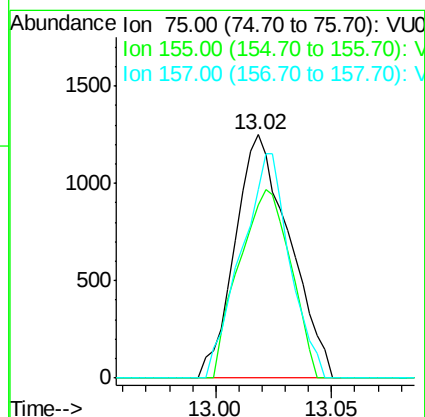
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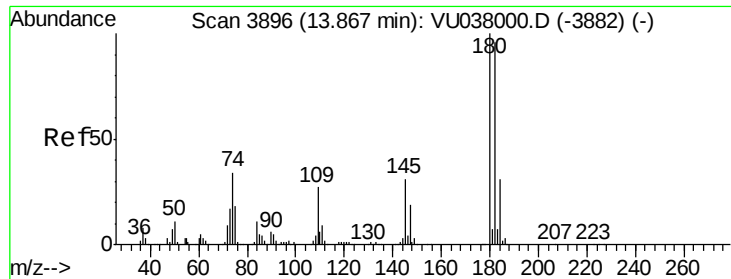
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.454 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.5	60.9	91.3
157	82.2	78.1	117.1





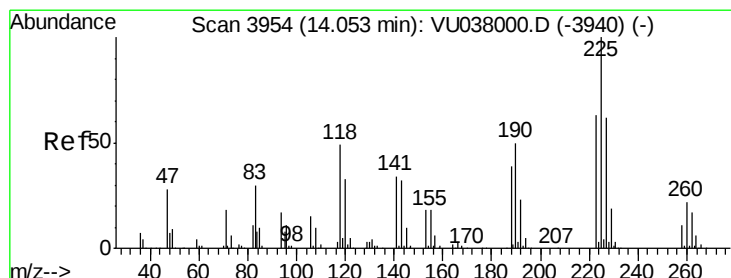
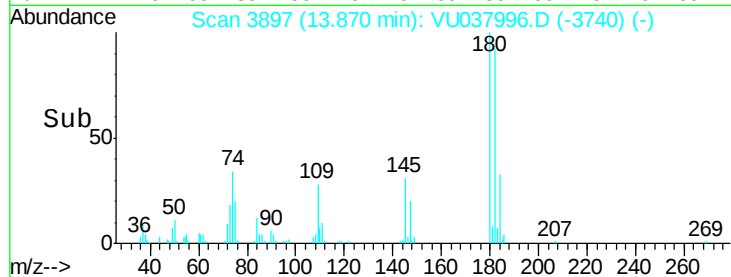
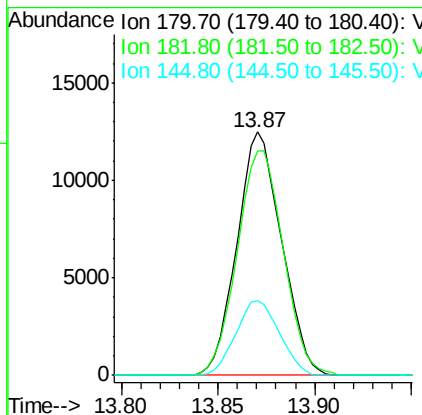
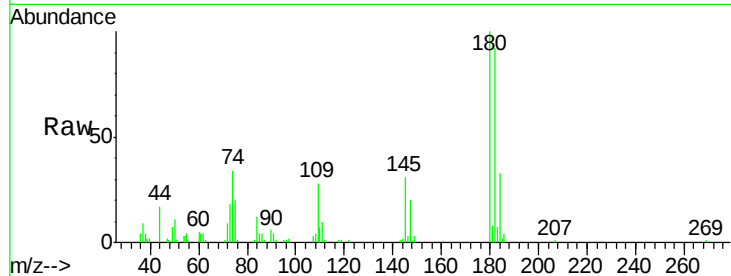
#87
 1,2,4-Trichlorobenzene
 Concen: 0.668 ug/l
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.9	115.3
145	30.0	24.7	37.1

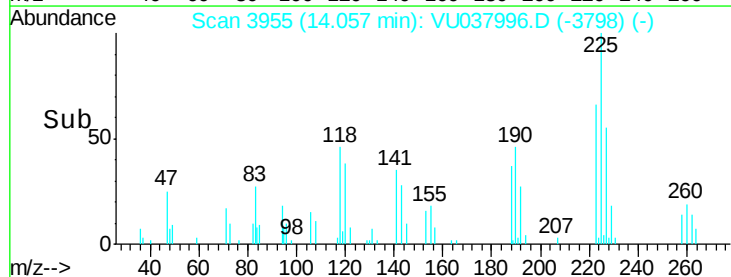
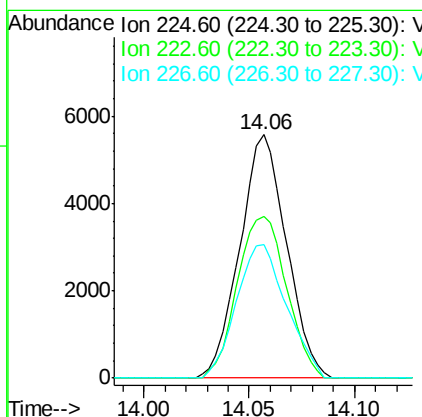
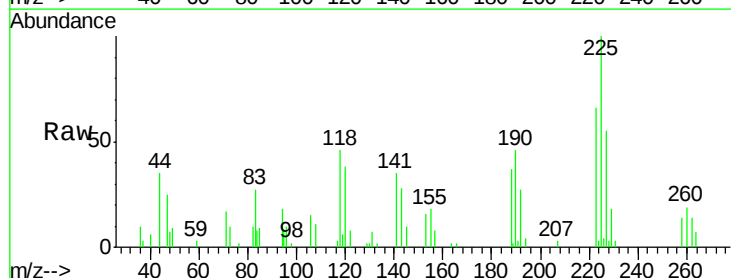
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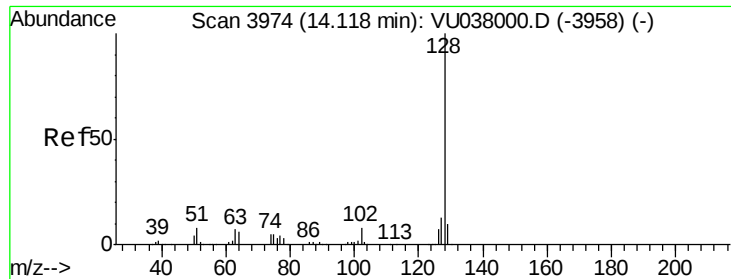
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#88
 Hexachlorobutadiene
 Concen: 0.479 ug/l
 RT: 14.06 min Scan# 3955
 Delta R.T. 0.00 min
 Lab File: VU037996.D
 Acq: 04 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	70.2	51.3	76.9
227	58.6	49.2	73.8





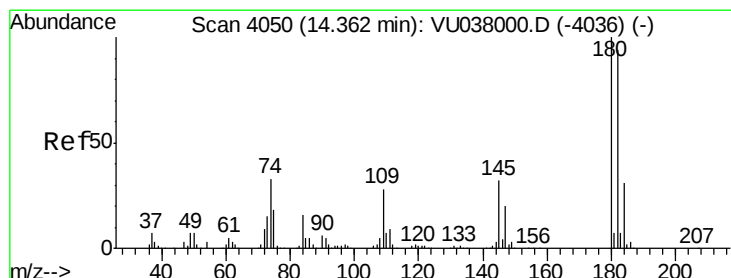
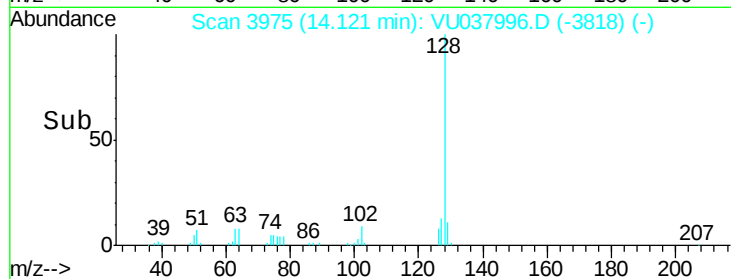
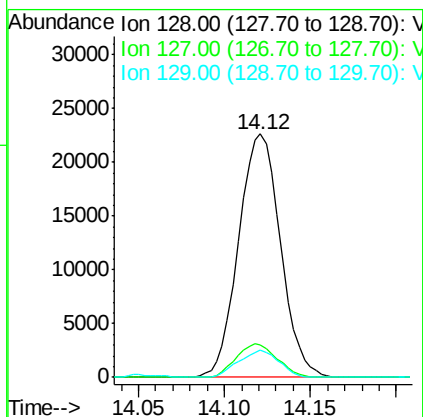
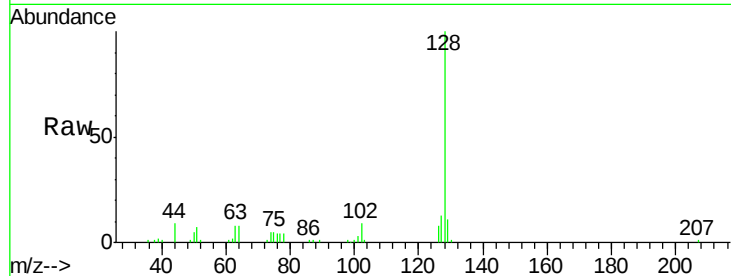
#89
Naphthalene
Concen: 0.735 ug/l
RT: 14.12 min Scan# 3975
Delta R.T. 0.00 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.6	8.6	12.8

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#90
1,2,3-Trichlorobenzene
Concen: 0.627 ug/l
RT: 14.37 min Scan# 4052
Delta R.T. 0.01 min
Lab File: VU037996.D
Acq: 04 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.5	75.9	113.9
145	29.9	26.0	39.0

