

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U012220\
 Data File : VU036525.D
 Acq On : 22 Jan 2020 14:51
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
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Quant Time: Jan 22 22:19:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jan 22 22:08:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	36417	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	13604	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	14101	1.11	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.40	85	12197	1.171	ug/l	97
3) Chloromethane	1.54	50	12937	0.960	ug/l	98
4) Vinyl Chloride	1.62	62	14581	0.942	ug/l	99
5) Bromomethane	1.88	94	9879	1.202	ug/l	99
6) Chloroethane	1.95	64	8705	0.963	ug/l	96
7) Trichlorofluoromethane	2.16	101	14359	0.799	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	9471	1.006	ug/l	96
9) 1,1-Dichloroethene	2.61	96	9650	1.005	ug/l	98
10) Iodomethane	2.75	142	8151	0.709	ug/l	97
11) Allyl Chloride	2.96	41	13122	0.697	ug/l	96
12) Acrylonitrile	3.37	53	4731	1.757	ug/l #	88
13) Acetone	2.68	43	10213	3.163	ug/l	98
14) Carbon Disulfide	2.82	76	34109	0.952	ug/l	99
15) Methylene Chloride	3.08	84	13515	1.069	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	10854	1.011	ug/l	94
17) 1,1-Dichloroethane	3.91	63	16718	0.871	ug/l	99
18) 2-Butanone	4.79	43	13158	3.784	ug/l	94
19) Cyclohexane	5.42	56	15723m	0.843	ug/l	
20) Methylcyclohexane	6.79	83	17677	0.956	ug/l	99
21) 2,2-Dichloropropane	4.71	77	14843	0.856	ug/l	100
22) cis-1,2-Dichloroethene	4.72	96	11087	1.019	ug/l	99
23) Diethyl Ether	2.41	59	7374	0.881	ug/l	99
24) tert-Butyl Alcohol	3.29	59	7033	8.122	ug/l #	84
25) Methyl tert-Butyl Ether	3.42	73	24358	0.829	ug/l	97
26) Bromochloromethane	5.02	128	4680	1.074	ug/l	98
27) Chloroform	5.13	83	17106	0.896	ug/l	94
28) 1,1,1-Trichloroethane	5.36	97	13864	0.820	ug/l	94
29) 1,1-Dichloropropene	5.56	75	13767	0.891	ug/l	97
30) Carbon Tetrachloride	5.56	117	12010	0.844	ug/l	93
31) Isopropyl Ether	4.06	45	26002	0.805	ug/l	99
32) Ethyl-t-butyl ether	4.56	59	26971	0.854	ug/l	98
33) Tert-Amyl methyl ether	5.99	73	24894	0.867	ug/l	98
34) Propionitrile	4.86	54	3545	4.086	ug/l #	84
35) Benzene	5.82	78	40114	0.928	ug/l	99
36) 1,2-Dichloroethane	5.84	62	10970	0.793	ug/l	100
37) Trichloroethene	6.58	130	11011	1.050	ug/l	96
38) 1,2-Dichloropropane	6.83	63	10207	0.900	ug/l	95
39) Methacrylonitrile	5.03	41	2901	0.706	ug/l	92
40) Methyl acrylate	4.91	55	4062	0.666	ug/l #	95
41) Tetrahydrofuran	5.13	42	3116	1.462	ug/l #	82
42) 1-Chlorobutane	5.50	56	18411	0.823	ug/l	98

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Quant Time: Jan 22 22:19:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jan 22 22:08:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	5173	0.888	ug/l	98
44) Bromodichloromethane	7.14	83	12253	0.817	ug/l	98
45) 4-Methyl-2-Pentanone	7.84	43	29274	3.632	ug/l	99
46) t-1,4-Dichloro-2-butene	10.86	75	4151m	1.269	ug/l	
47) Methyl methacrylate	7.01	69	10152	1.827	ug/l	99
48) Ethyl methacrylate	8.37	69	9629	0.877	ug/l	99
49) Toluene	8.00	92	25913	0.967	ug/l	100
50) t-1,3-Dichloropropene	8.24	75	11758	0.799	ug/l	98
51) cis-1,3-Dichloropropene	7.64	75	14686	0.863	ug/l	98
52) 1,1,2-Trichloroethane	8.43	97	7544	0.976	ug/l	98
53) 1,3-Dichloropropane	8.61	76	12876	0.893	ug/l	100
54) 2-Hexanone	8.73	43	20933	3.773	ug/l	96
55) Dibromochloromethane	8.84	129	8598	0.950	ug/l	95
56) 1,2-Dibromoethane	8.96	107	7042	0.927	ug/l	98
58) Tetrachloroethene	8.58	164	11817	1.363	ug/l	99
59) Chlorobenzene	9.47	112	28733	1.016	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	9115	0.952	ug/l	99
61) Pentachloroethane	11.45	117	5614	0.712	ug/l	98
62) Hexachloroethane	12.49	117	6972	0.843	ug/l	98
63) Ethyl Benzene	9.60	91	47224	0.918	ug/l	98
64) m/p-Xylenes	9.72	106	38529	2.026	ug/l	99
65) o-Xylene	10.12	106	18821	1.014	ug/l	99
66) Styrene	10.14	104	31296	1.021	ug/l	98
67) Bromoform	10.32	173	4895	1.092	ug/l #	96
69) Isopropylbenzene	10.51	105	49761	0.997	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	9172	0.881	ug/l	98
71) 1,2,3-Trichloropropane	10.85	75	6957m	0.876	ug/l	
72) Bromobenzene	10.81	156	11910	1.127	ug/l	98
73) n-propylbenzene	10.93	120	13573	1.014	ug/l	96
74) 2-Chlorotoluene	11.01	126	11920	1.039	ug/l	98
75) 1,3,5-Trimethylbenzene	11.11	105	42224	0.997	ug/l	97
76) 4-Chlorotoluene	11.12	126	12018	1.017	ug/l	93
77) tert-Butylbenzene	11.44	119	39220	0.967	ug/l	99
78) 1,2,4-Trimethylbenzene	11.49	105	43160	0.984	ug/l	99
79) sec-Butylbenzene	11.66	105	55715	0.989	ug/l	99
80) Nitrobenzene	13.23	77	430	2.355	ug/l #	64
81) p-Isopropyltoluene	11.81	119	46473	1.035	ug/l	99
82) 1,3-Dichlorobenzene	11.77	146	23555	1.064	ug/l	100
83) 1,4-Dichlorobenzene	11.86	146	23171	1.057	ug/l	98
84) n-Butylbenzene	12.23	91	42212	0.893	ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	22705	1.084	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.01	75	1569	0.829	ug/l #	88
87) 1,2,4-Trichlorobenzene	13.86	180	13102	0.985	ug/l	99
88) Hexachlorobutadiene	14.04	225	8192	1.312	ug/l	98
89) Naphthalene	14.10	128	20992	0.796	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	12426	1.017	ug/l	99

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

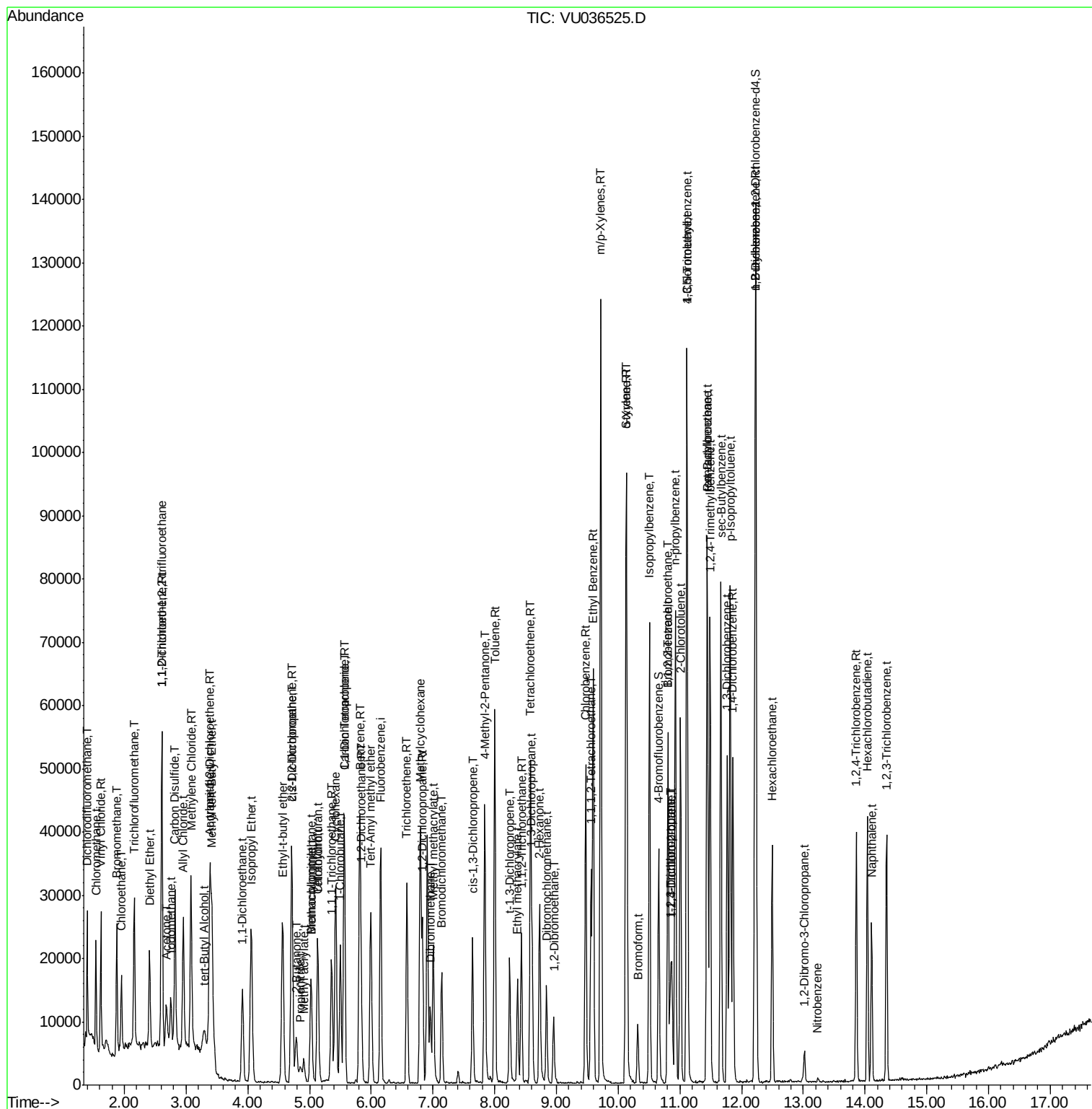
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012220\
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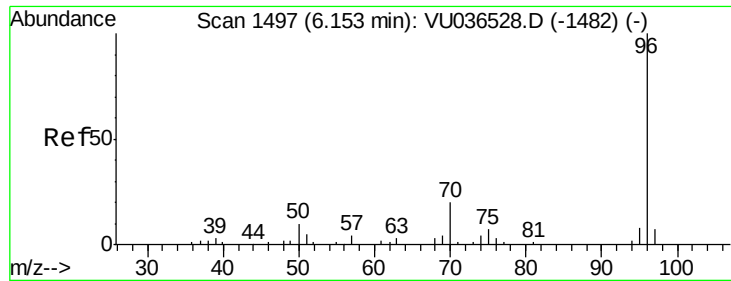
Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDIC001

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

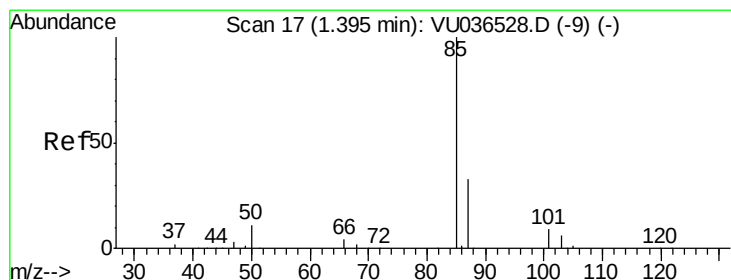
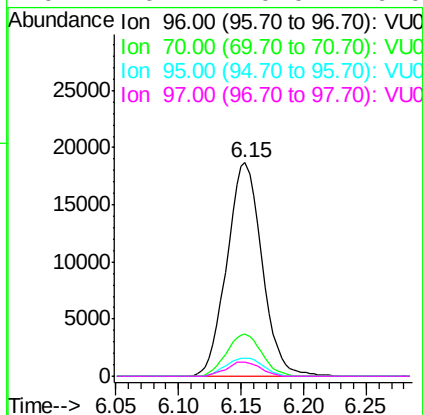
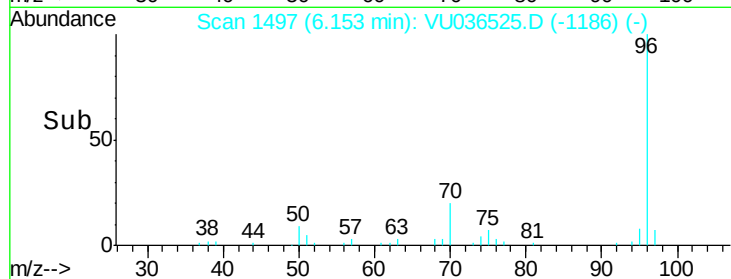
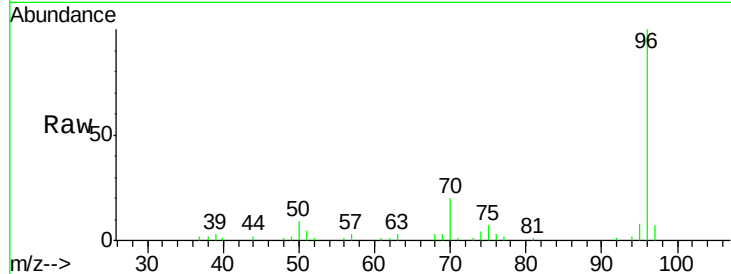
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	36417
Ion Ratio	Lower	Upper	
96	100		
70	19.7	15.6	23.4
95	8.9	7.0	10.6
97	6.4	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.171 ug/l

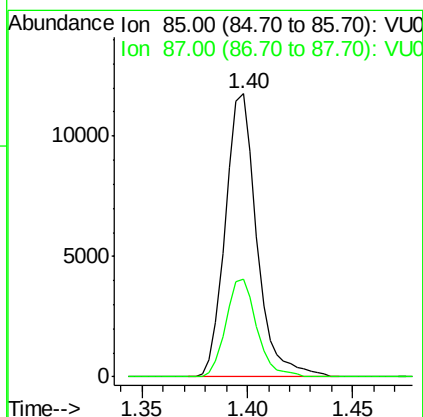
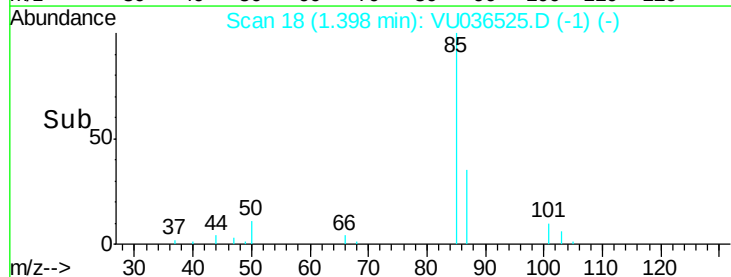
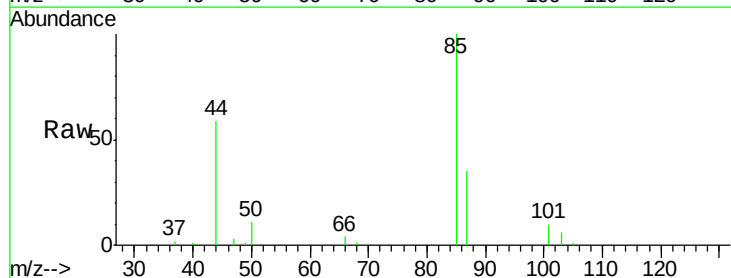
RT: 1.40 min Scan# 18

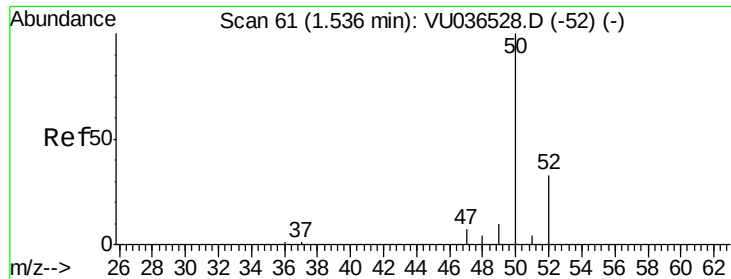
Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Tgt Ion:	85	Resp:	12197
Ion Ratio	Lower	Upper	
85	100		
87	34.7	16.4	49.2





#3

Chloromethane

Concen: 0.960 ug/l

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 12937

Ion Ratio Lower Upper

50 100

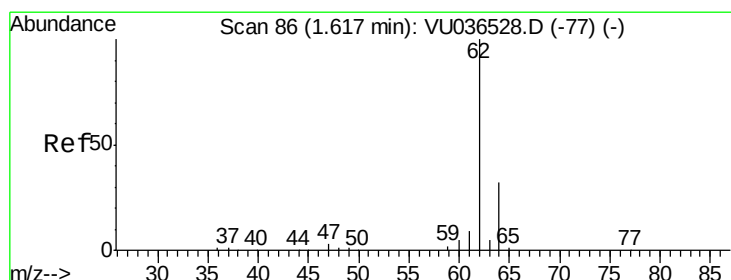
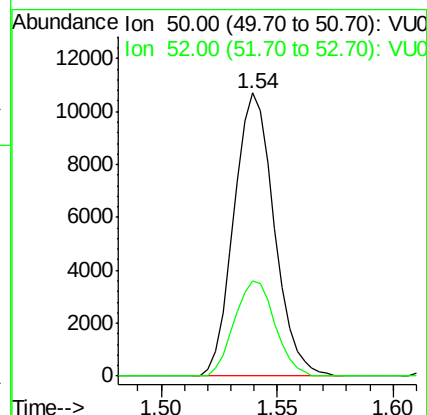
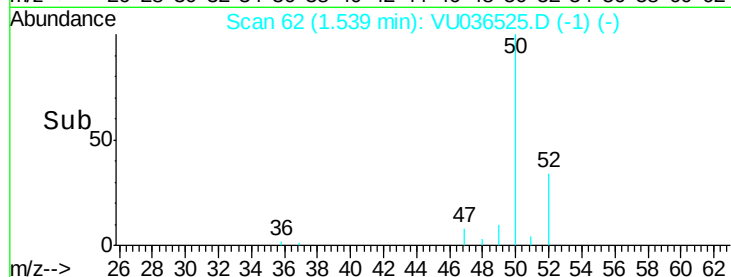
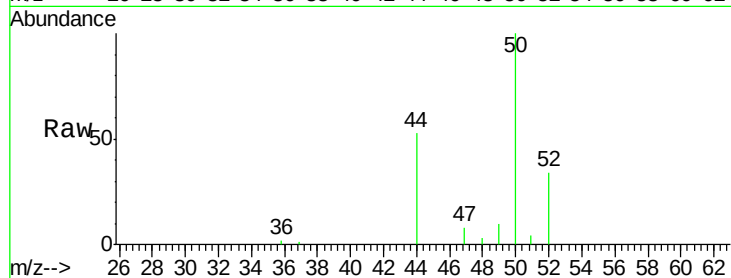
52 33.7 26.0 39.0

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#4

Vinyl Chloride

Concen: 0.942 ug/l

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU036525.D

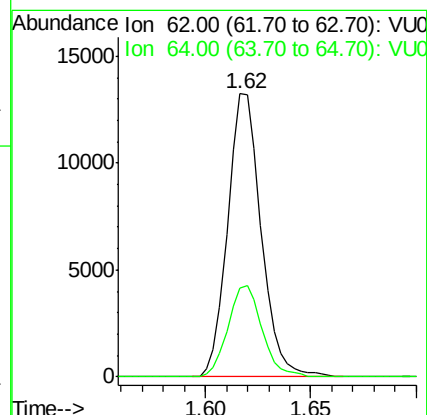
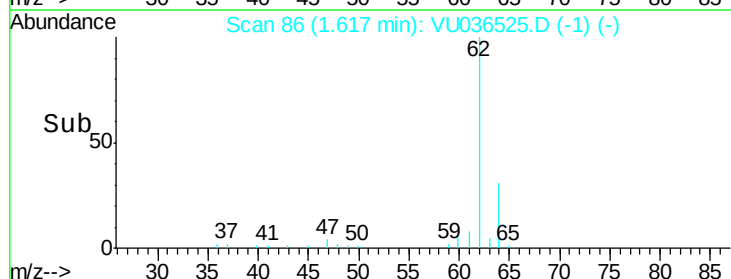
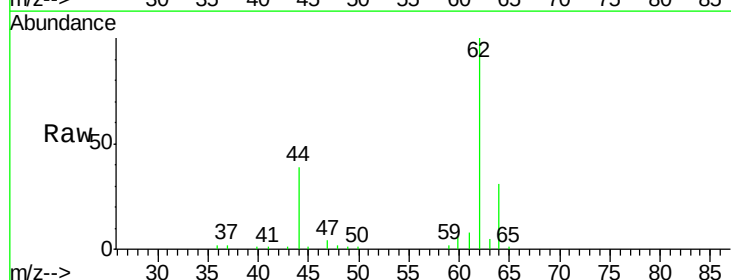
Acq: 22 Jan 2020 14:51

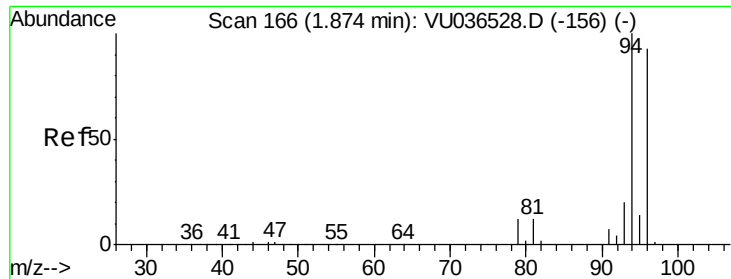
Tgt Ion: 62 Resp: 14581

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 1.202 ug/l

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 9879

Ion Ratio Lower Upper

94 100

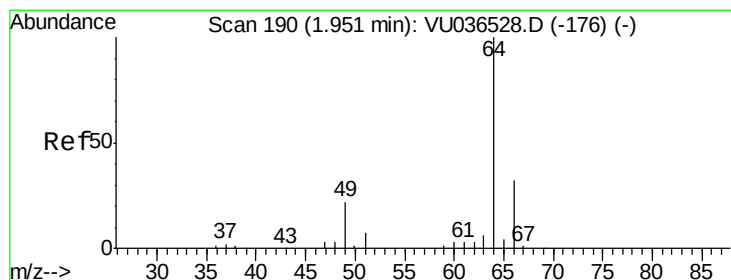
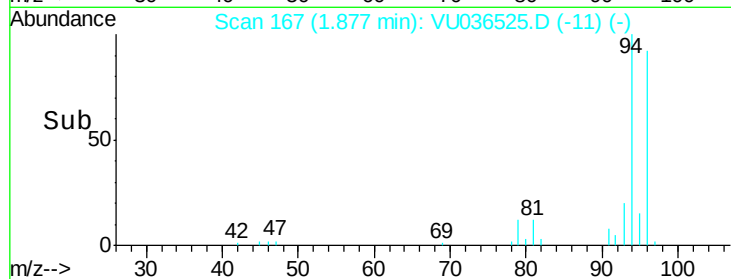
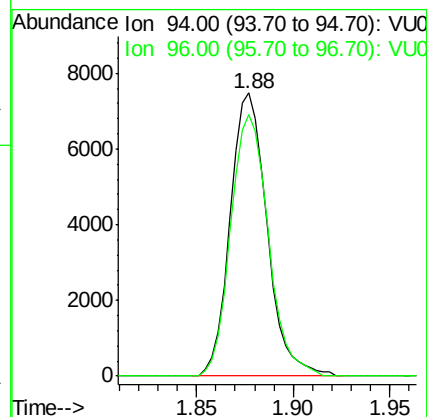
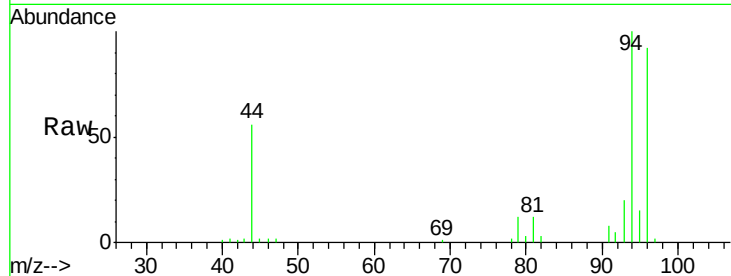
96 92.3 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 0.963 ug/l

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU036525.D

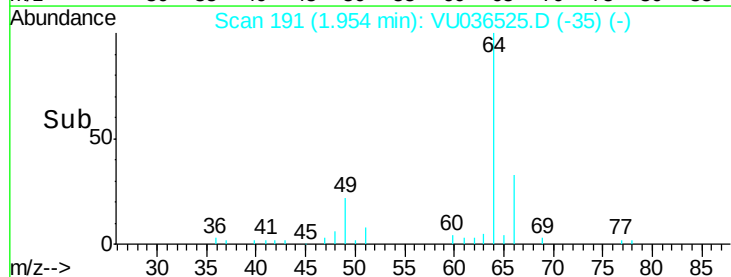
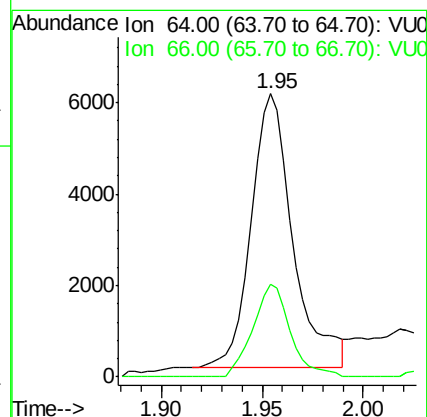
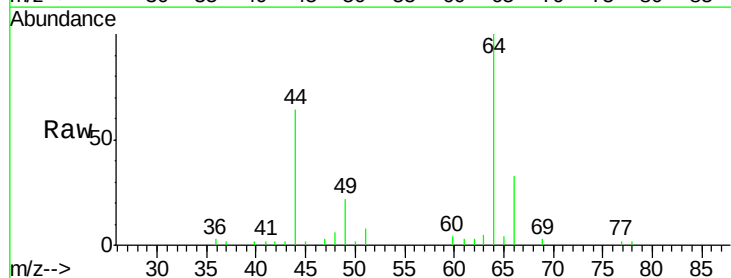
Acq: 22 Jan 2020 14:51

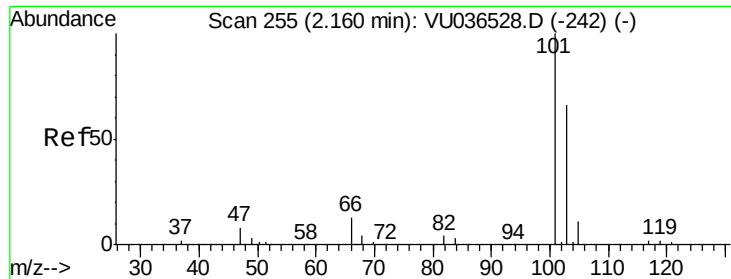
Tgt Ion: 64 Resp: 8705

Ion Ratio Lower Upper

64 100

66 33.9 25.5 38.3





#7

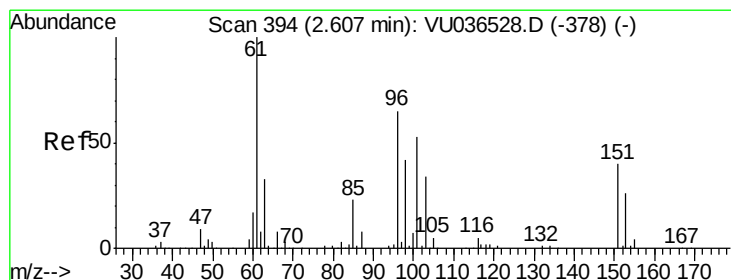
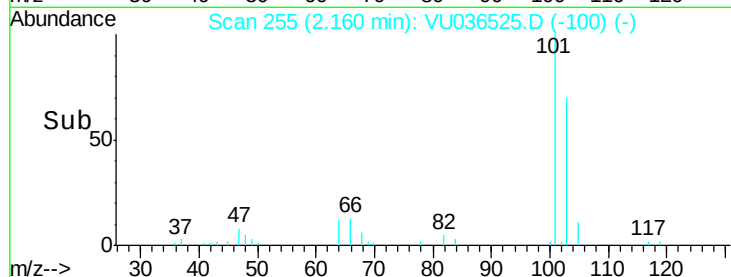
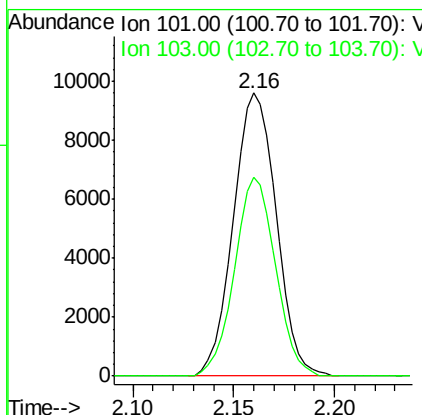
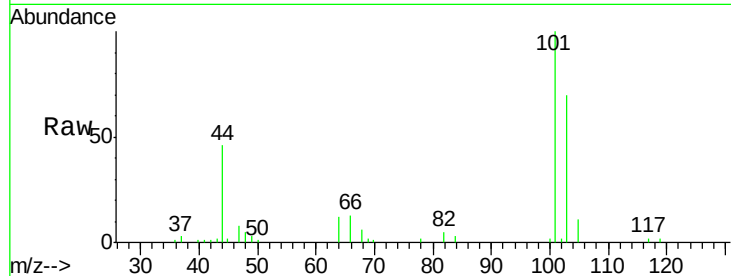
Trichlorofluoromethane
Concen: 0.799 ug/l
RT: 2.16 min Scan# 255
Delta R.T. -0.00 min
Lab File: VU036525.D
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VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
103	70.2	53.0	79.6

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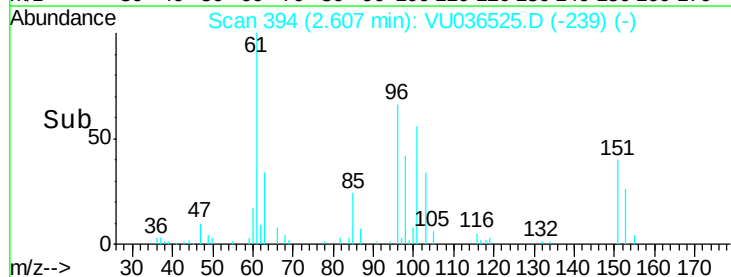
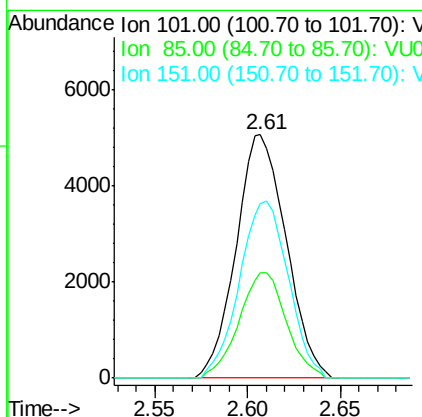
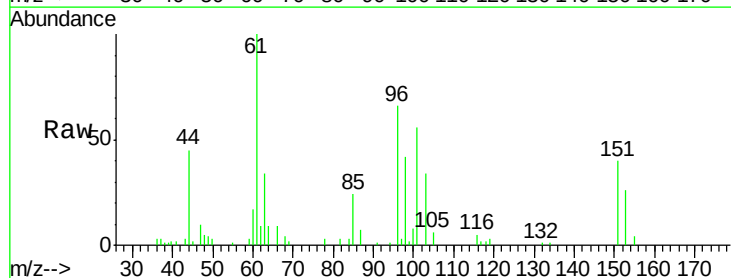
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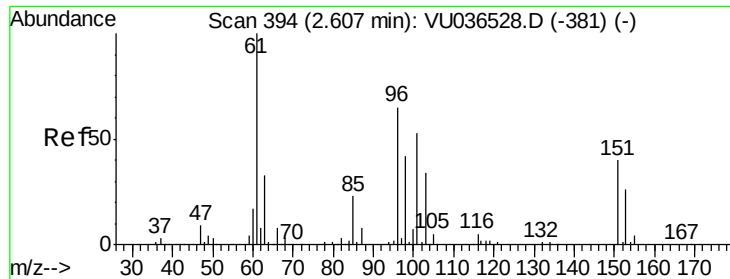


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.006 ug/l
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
101	100		
85	41.0	33.9	50.9
151	70.8	59.8	89.8





#9

1,1-Dichloroethene

Concen: 1.005 ug/l

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

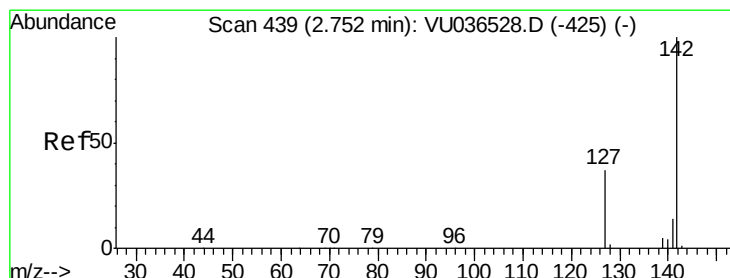
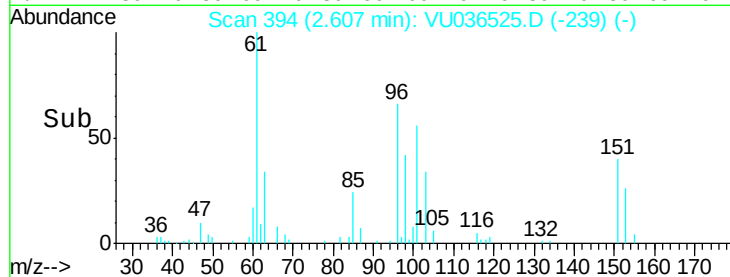
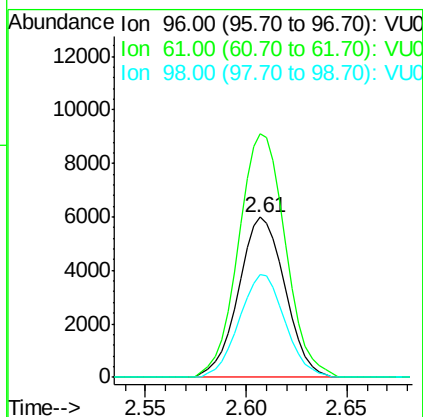
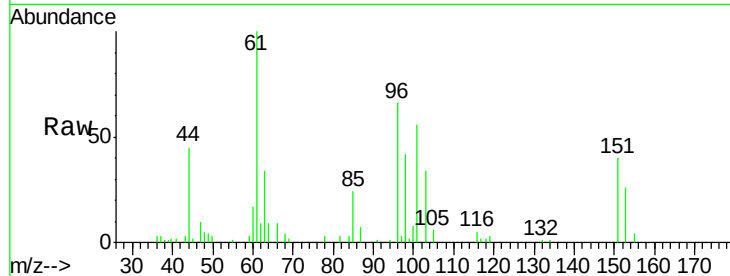
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	9650
Ion	Ratio	Lower	Upper
96	100		
61	152.0	0.0	463.2
98	63.8	0.0	130.0

Manual Integrations
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#10

Iodomethane

Concen: 0.709 ug/l

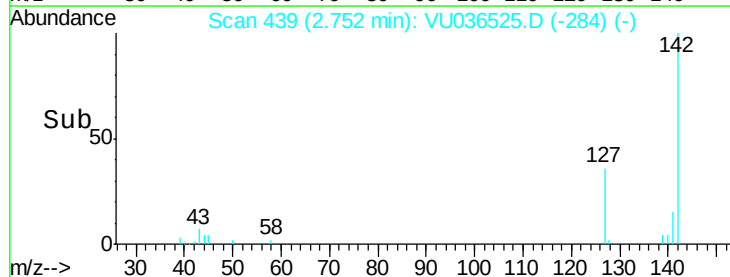
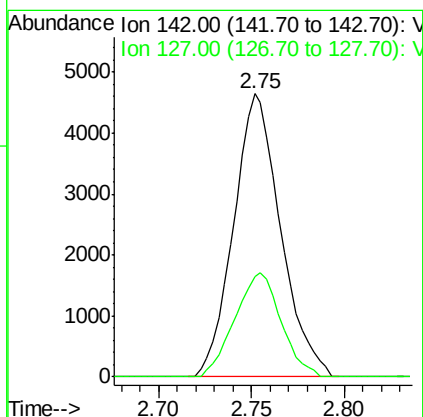
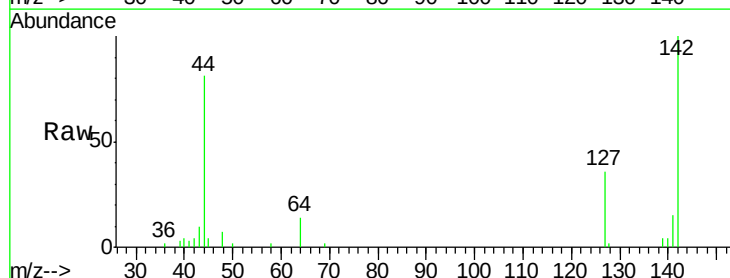
RT: 2.75 min Scan# 439

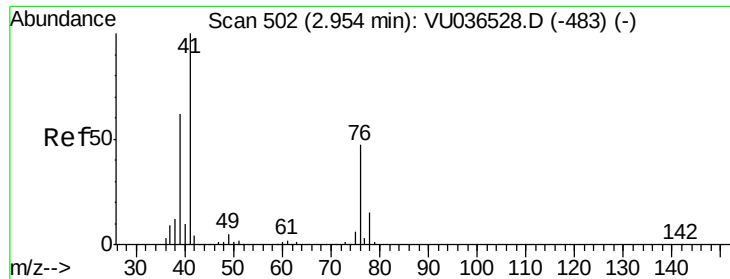
Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Tgt Ion:	142	Resp:	8151
Ion	Ratio	Lower	Upper
142	100		
127	36.2	30.3	45.5





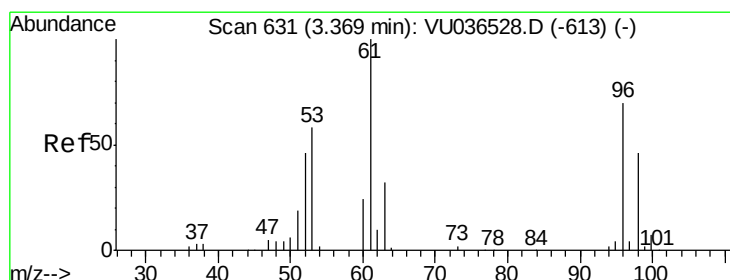
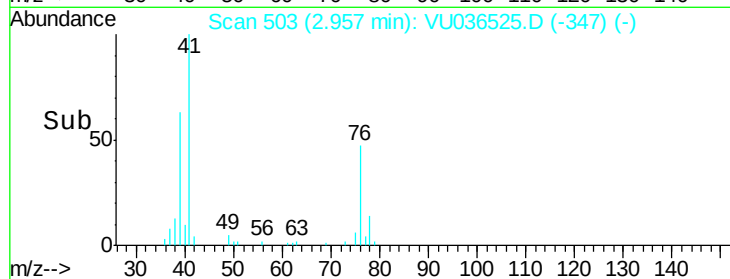
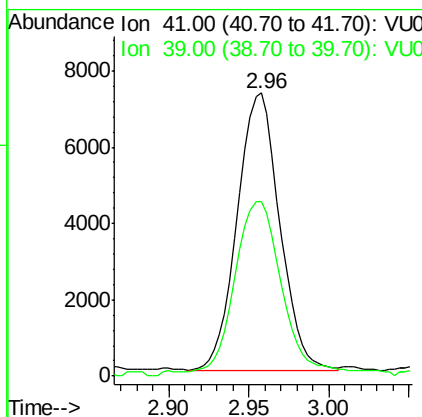
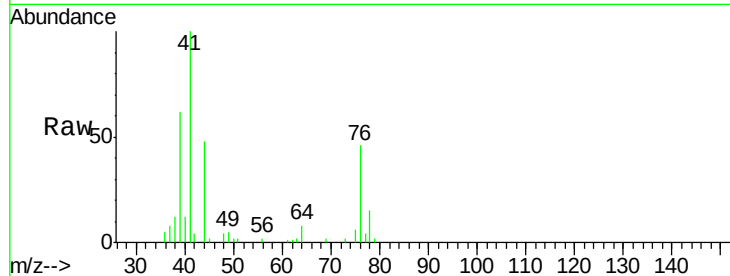
#11
Allvl Chloride
Concen: 0.697 ug/l
RT: 2.96 min Scan# 503
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 41 Resp: 13122
Ion Ratio Lower Upper
41 100
39 66.2 50.7 76.1

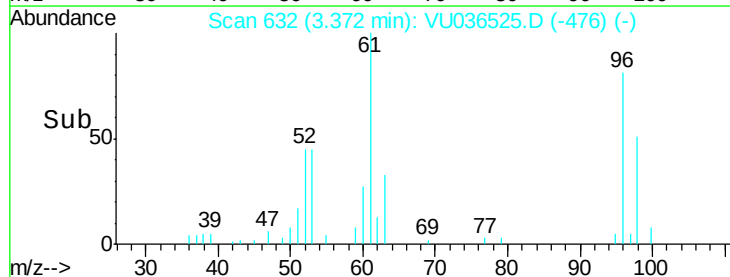
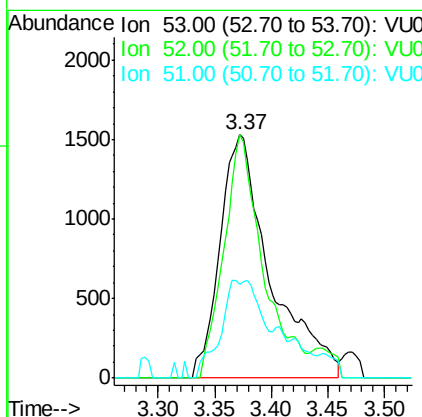
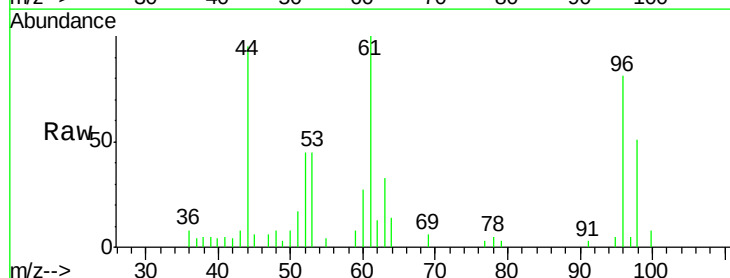
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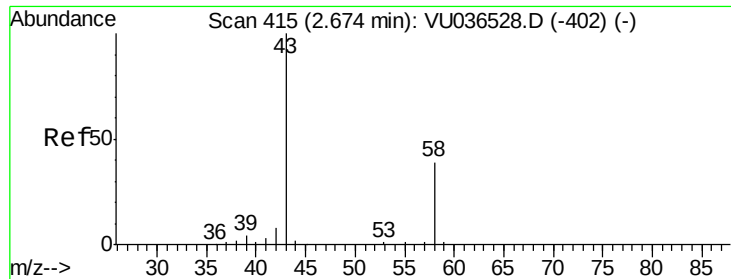
apatel
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#12
Acrylonitrile
Concen: 1.757 ug/l
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion: 53 Resp: 4731
Ion Ratio Lower Upper
53 100
52 77.6 64.6 97.0
51 16.4 27.2 40.8#





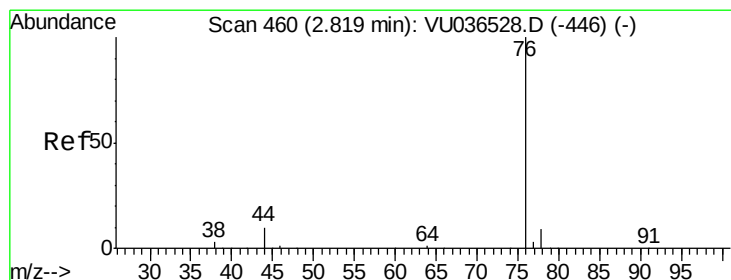
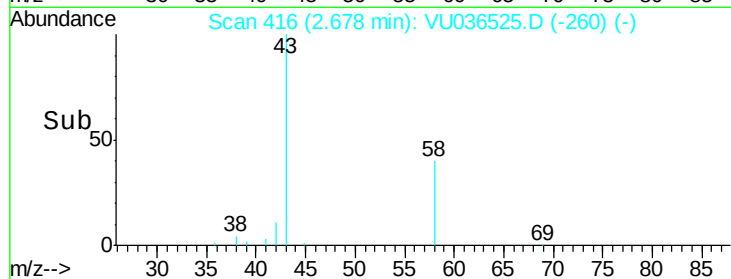
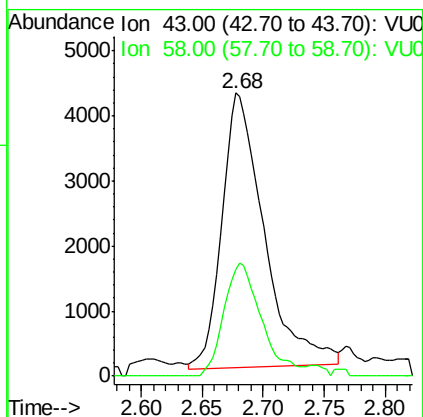
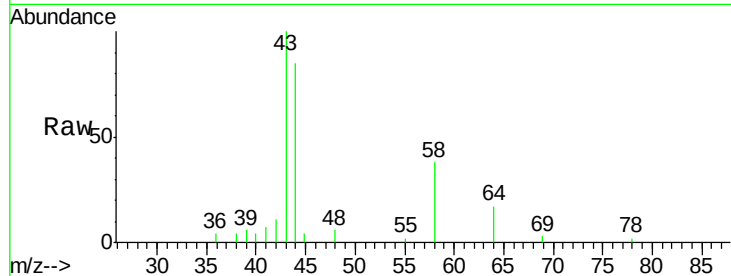
#13
Acetone
Concen: 3.163 ug/l
RT: 2.68 min Scan# 416
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 10213
Ion Ratio Lower Upper
43 100
58 39.5 30.8 46.2

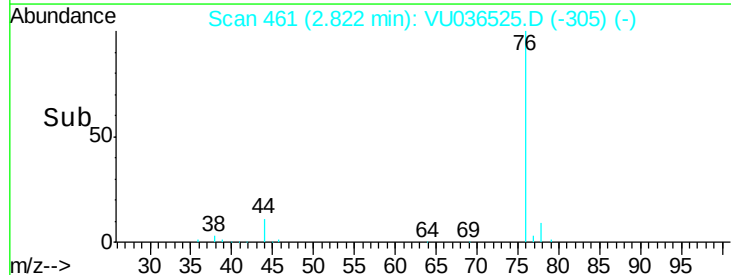
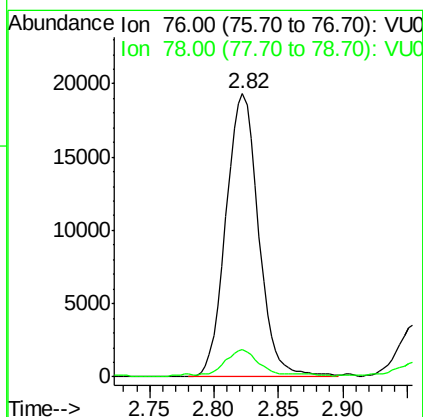
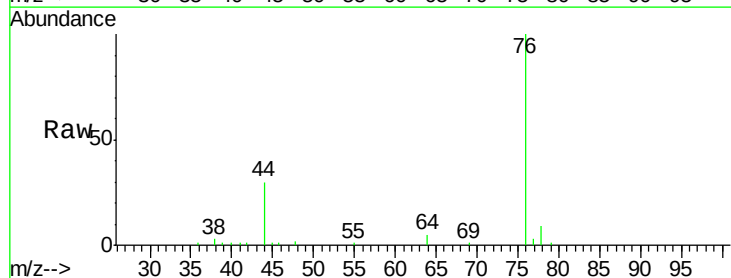
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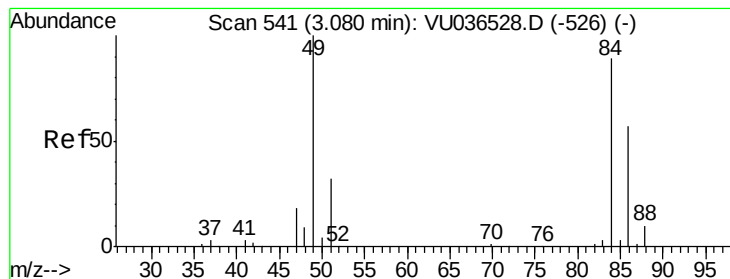
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#14
Carbon Disulfide
Concen: 0.952 ug/l
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion: 76 Resp: 34109
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0





#15

Methylene Chloride

Concen: 1.069 ug/l

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

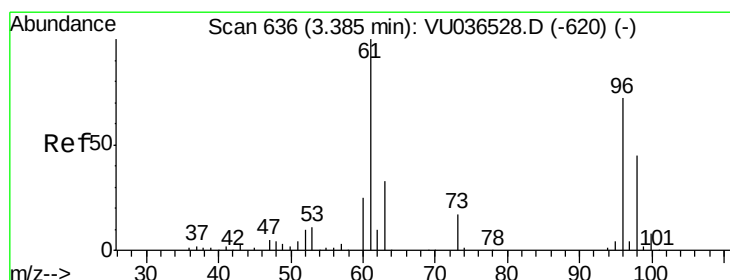
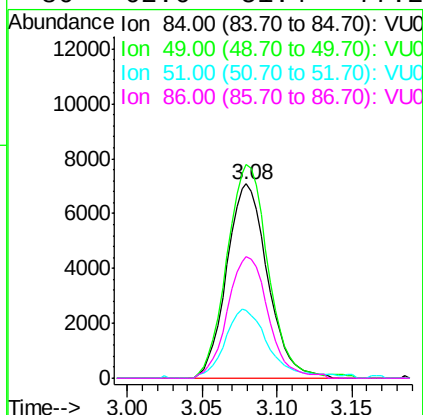
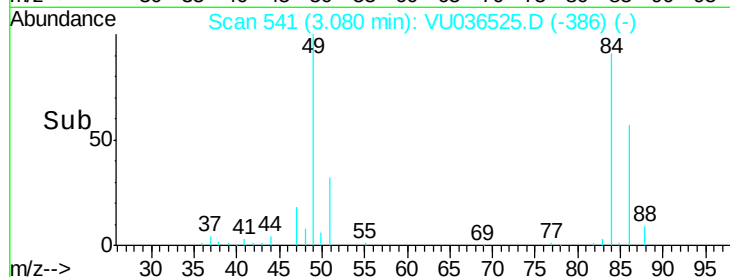
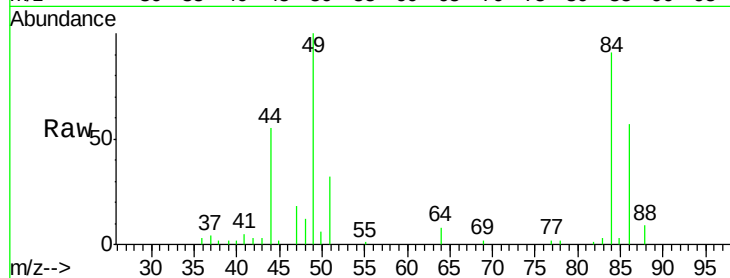
ClientSampleId :

VSTDIC001

Tot Ion:	84	Resp:	13515
Ion	Ratio	Lower	Upper
84	100		
49	110.1	89.7	134.5
51	34.8	0.0	71.6
86	62.6	51.4	77.2

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#16

trans-1,2-Dichloroethene

Concen: 1.011 ug/l

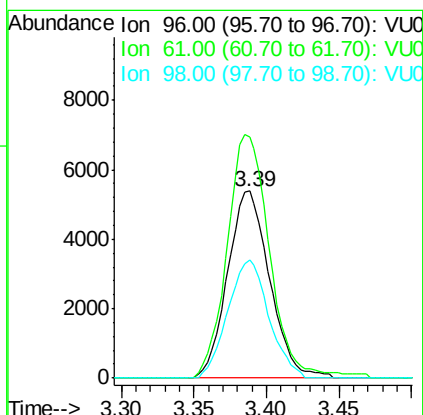
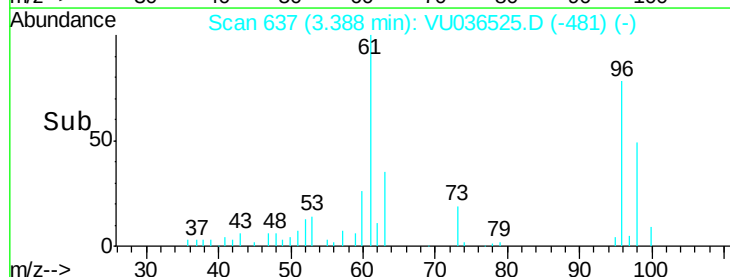
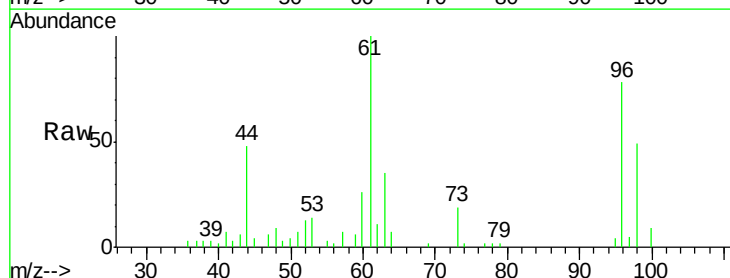
RT: 3.39 min Scan# 637

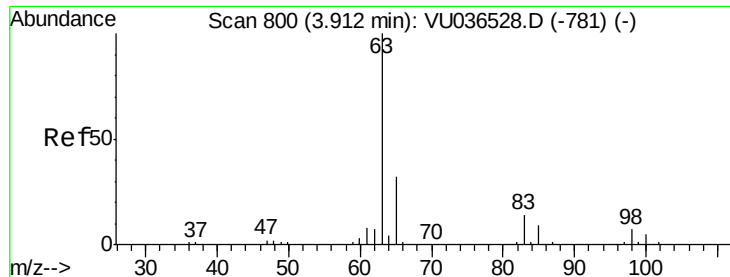
Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Tgt Ion:	96	Resp:	10854
Ion	Ratio	Lower	Upper
96	100		
61	128.7	110.8	166.2
98	63.0	50.3	75.5





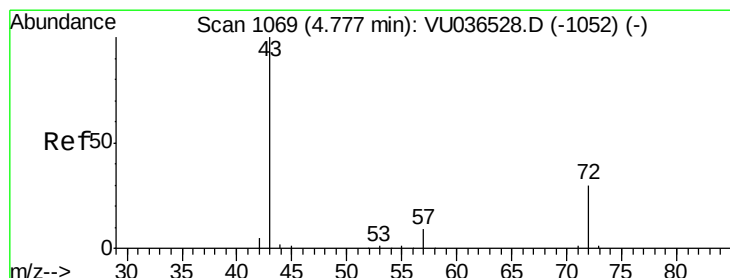
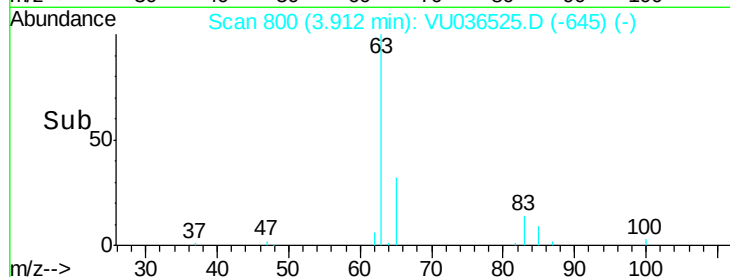
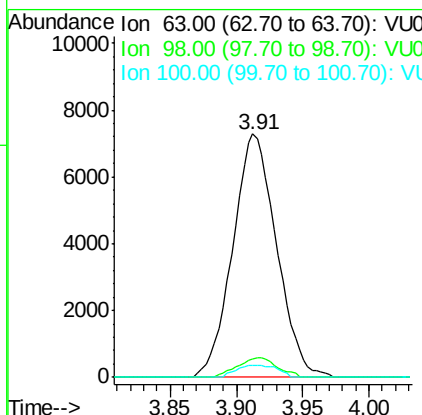
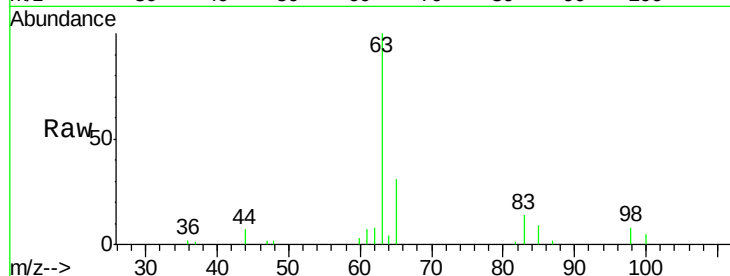
#17
 1,1-Dichloroethane
 Concen: 0.871 ug/l
 RT: 3.91 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion:	63	Resp:	16718
Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.5	10.5
100	4.8	2.4	7.1

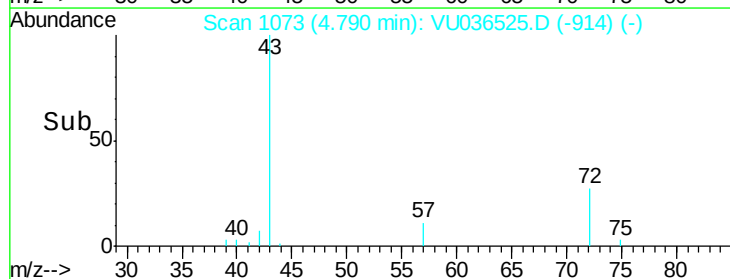
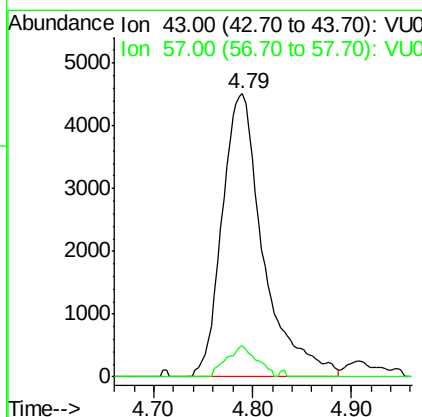
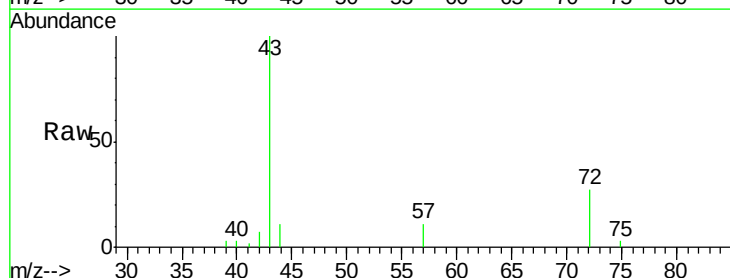
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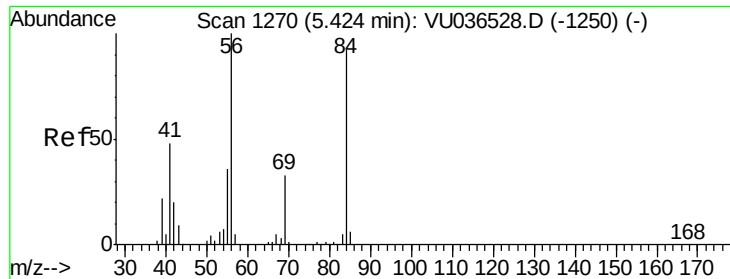
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#18
 2-Butanone
 Concen: 3.784 ug/l
 RT: 4.79 min Scan# 1073
 Delta R.T. 0.01 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion:	43	Resp:	13158
Ion	Ratio	Lower	Upper
43	100		
57	11.0	0.0	17.8





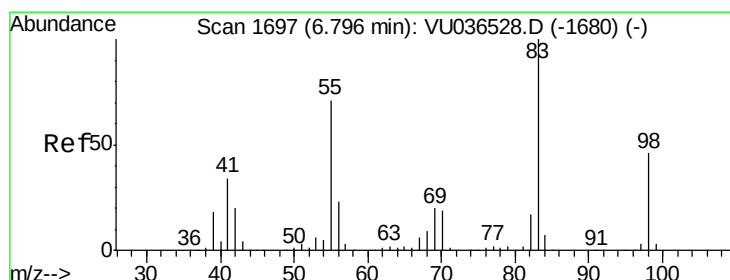
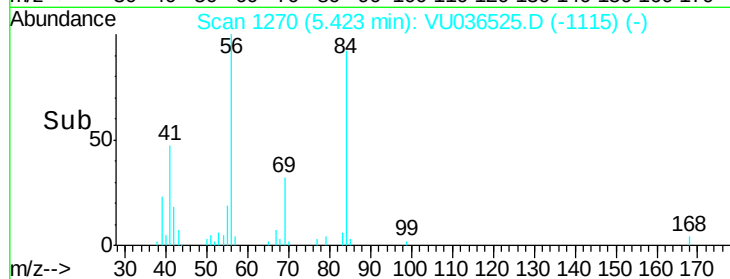
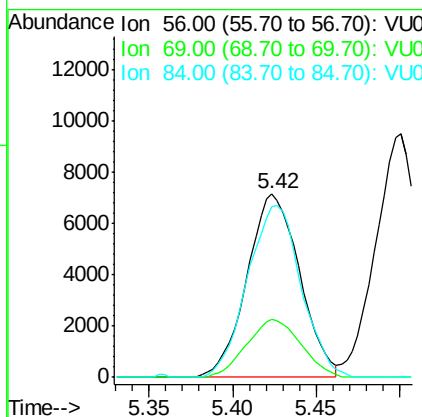
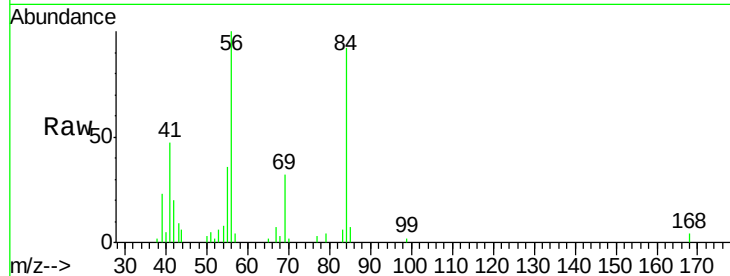
#19
Cyclohexane
Concen: 0.843 ug/l m
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	26.2	39.2
84	95.4	72.8	109.2

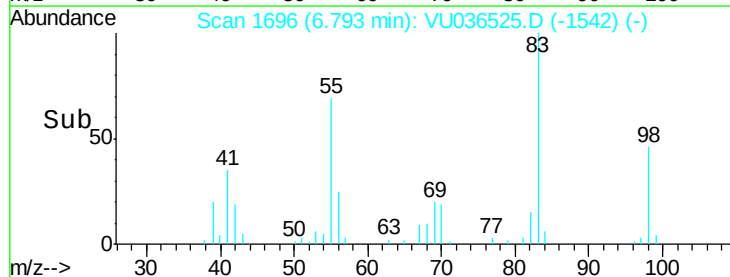
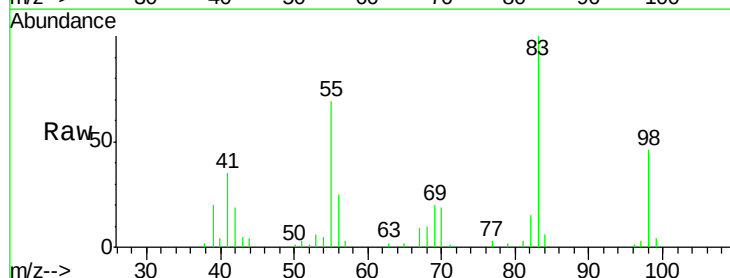
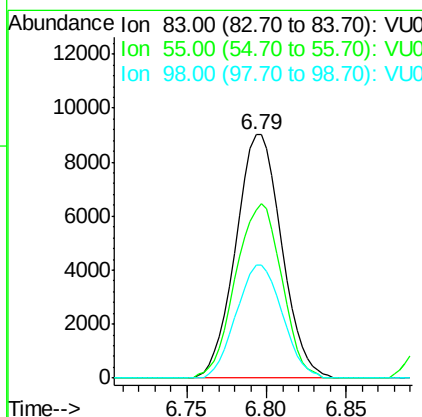
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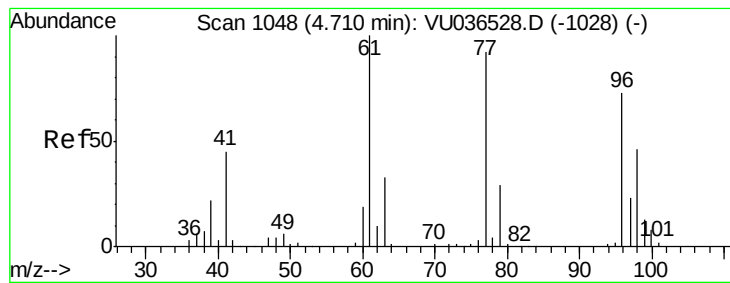
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#20
Methylcyclohexane
Concen: 0.956 ug/l
RT: 6.79 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.9	56.6	85.0
98	46.5	37.5	56.3





#21

2,2-Dichloropropane

Concen: 0.856 ug/l

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 77 Resp: 14843

Ion Ratio Lower Upper

77 100

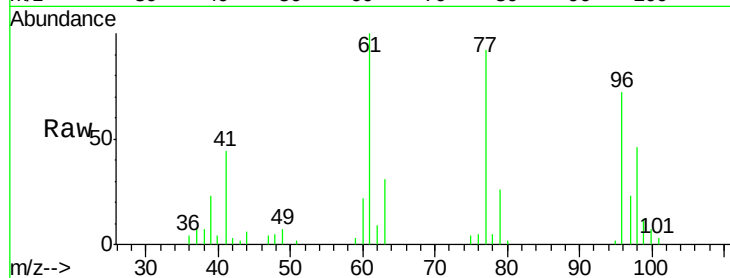
97 23.7 19.0 28.4

Manual Integrations

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Abundance Ion 77.00 (76.70 to 77.70): VU036528.D (-1028) (-)

Ion 97.00 (96.70 to 97.70): VU036528.D (-1028) (-)

6000

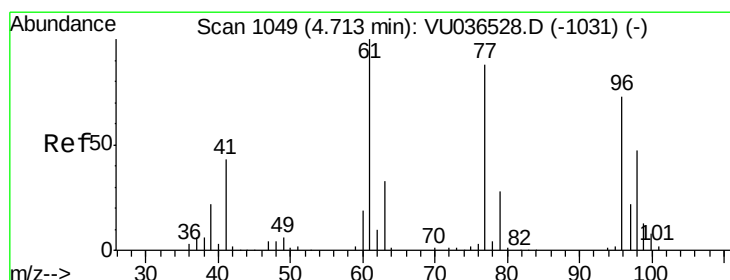
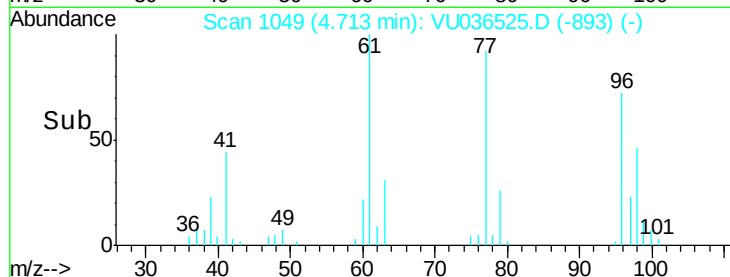
4000

2000

0

4.65 4.70 4.75 4.80

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.019 ug/l

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

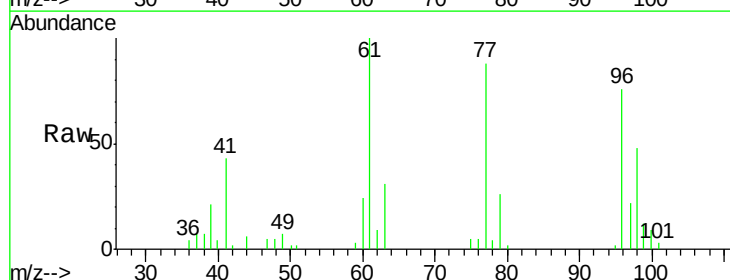
Tgt Ion: 96 Resp: 11087

Ion Ratio Lower Upper

96 100

61 135.8 0.0 342.0

98 63.5 32.0 96.0



Abundance Ion 96.00 (95.70 to 96.70): VU036528.D (-1031) (-)

Ion 61.00 (60.70 to 61.70): VU036528.D (-1031) (-)

Ion 98.00 (97.70 to 98.70): VU036528.D (-1031) (-)

8000

6000

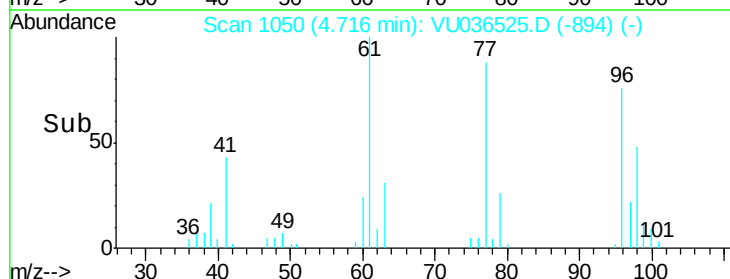
4000

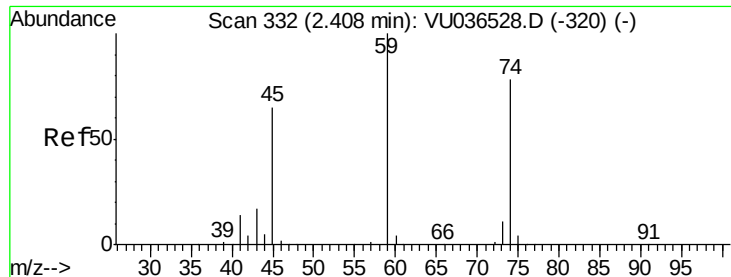
2000

0

4.65 4.70 4.75 4.80

Time-->





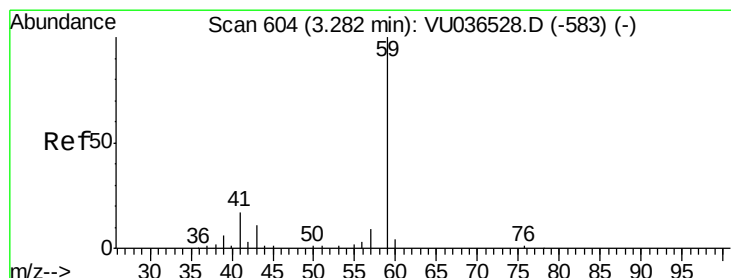
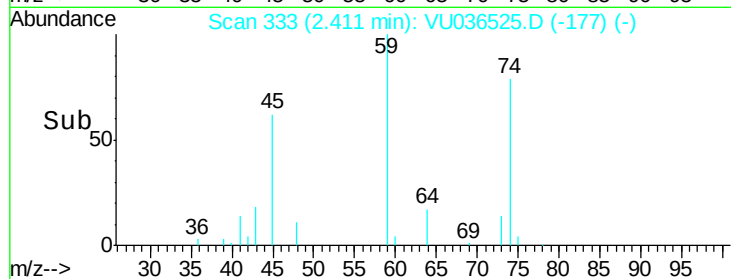
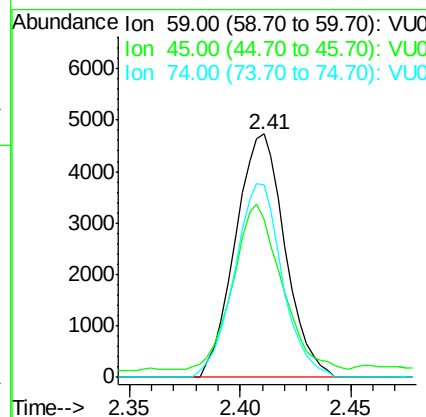
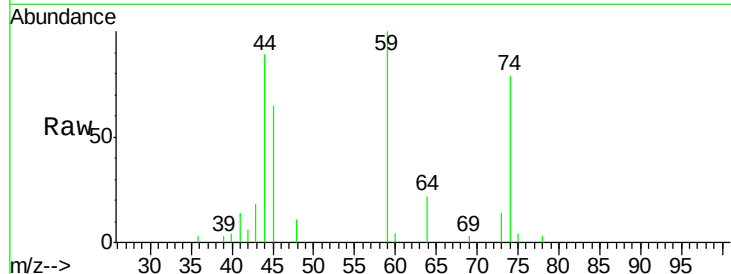
#23
Diethyl Ether
Concen: 0.881 ug/l
RT: 2.41 min Scan# 333
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
59	100		
45	66.4	52.4	78.6
74	76.7	62.1	93.1

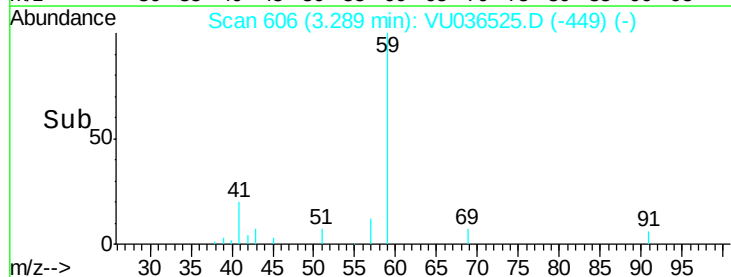
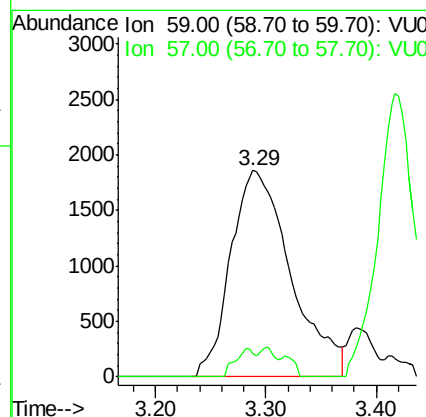
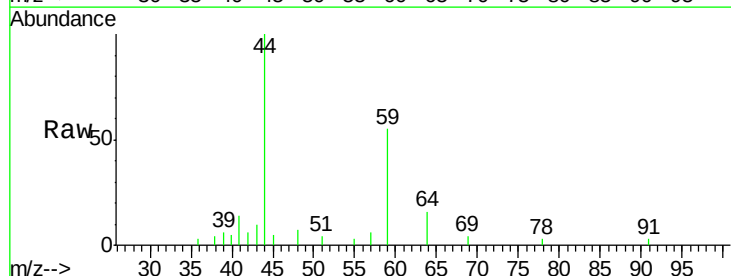
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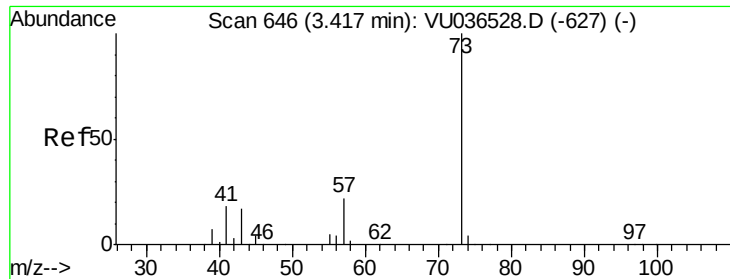
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#24
tert-Butyl Alcohol
Concen: 8.122 ug/l
RT: 3.29 min Scan# 606
Delta R.T. 0.01 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
59	100		
57	4.6	8.4	12.6#





#25

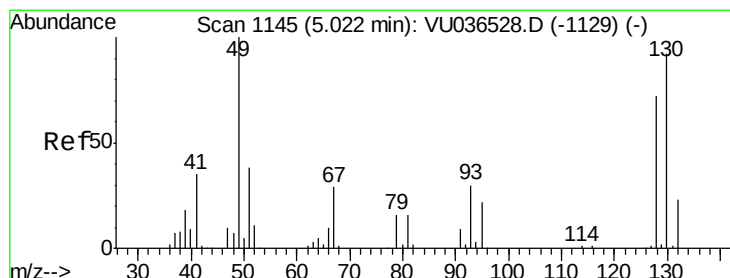
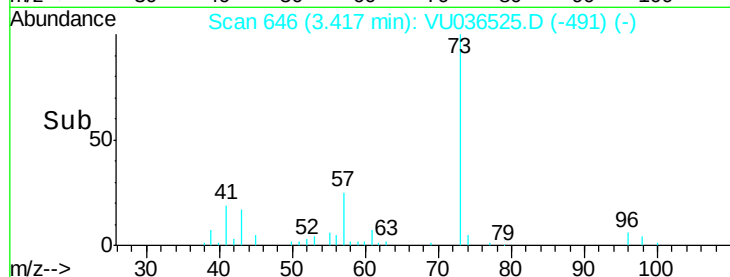
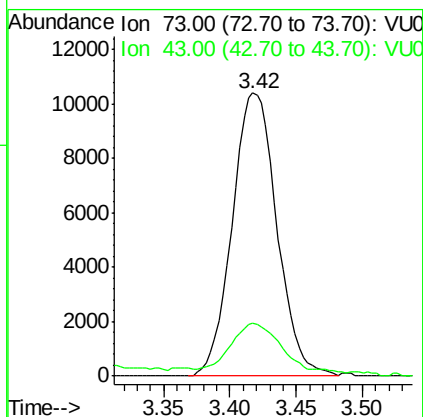
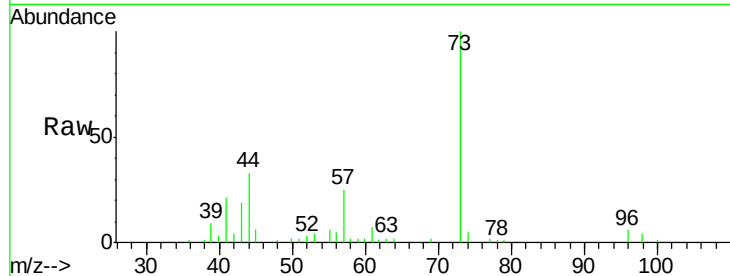
Methyl tert-Butyl Ether
 Concen: 0.829 ug/l
 RT: 3.42 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion: 73 Resp: 24358
 Ion Ratio Lower Upper
 73 100
 43 16.8 14.5 21.7

Manual Integrations
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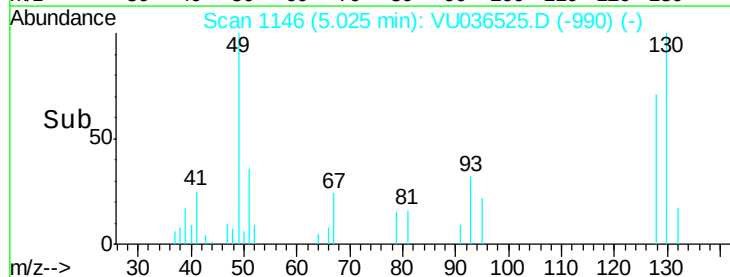
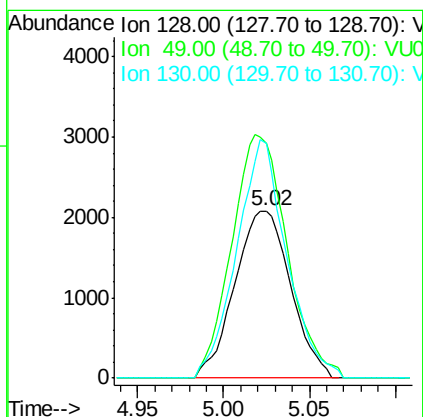
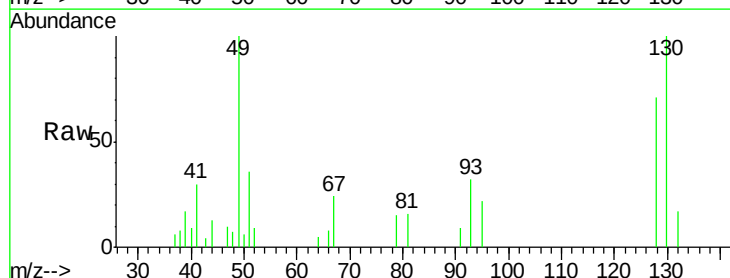
apatel
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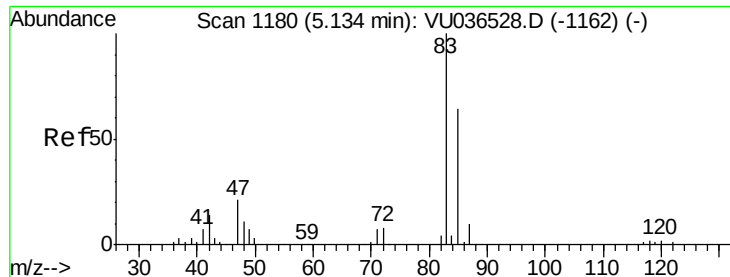


#26

Bromochloromethane
 Concen: 1.074 ug/l
 RT: 5.02 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion: 128 Resp: 4680
 Ion Ratio Lower Upper
 128 100
 49 144.4 0.0 286.2
 130 127.9 104.3 156.5





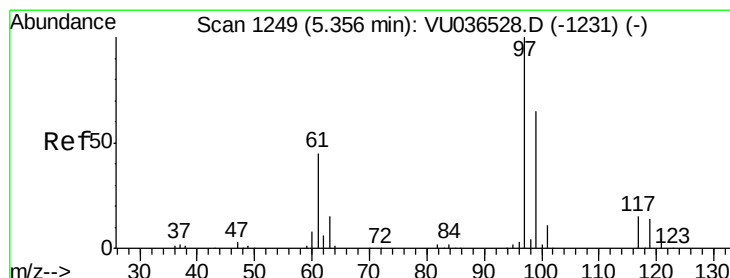
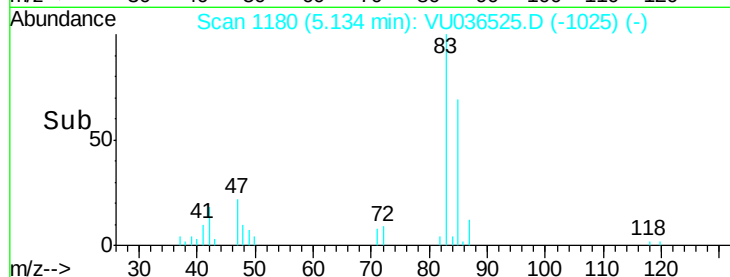
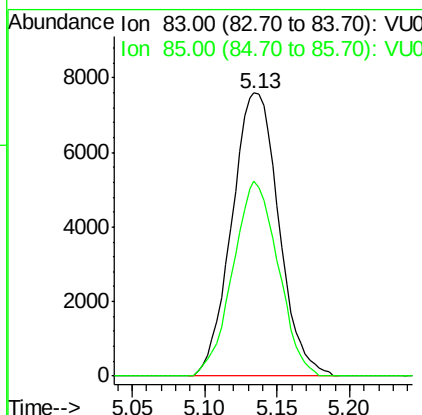
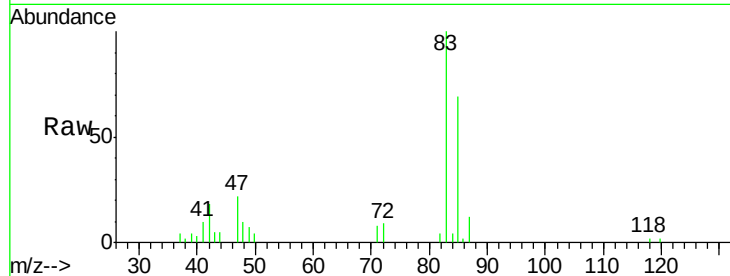
#27
Chloroform
Concen: 0.896 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	83	Resp	17106
Ion Ratio	100	Lower	Upper
85	69.0	0.0	129.0

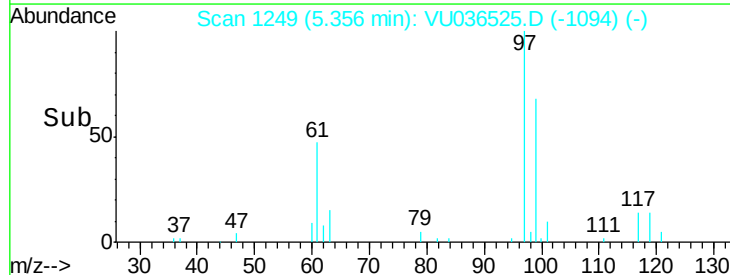
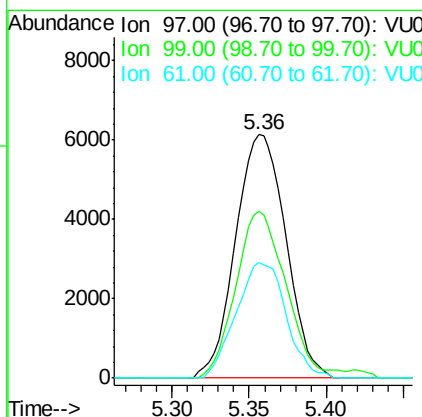
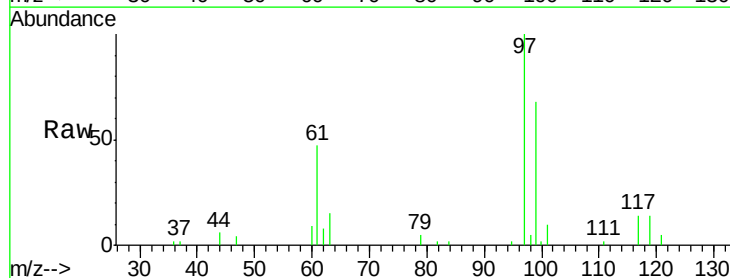
Manual Integrations
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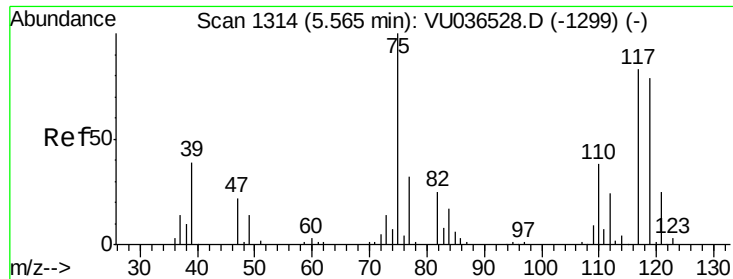
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#28
1,1,1-Trichloroethane
Concen: 0.820 ug/l
RT: 5.36 min Scan# 1249
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion	97	Resp	13864
Ion Ratio	100	Lower	Upper
99	70.0	32.1	96.3
61	47.2	22.7	68.0





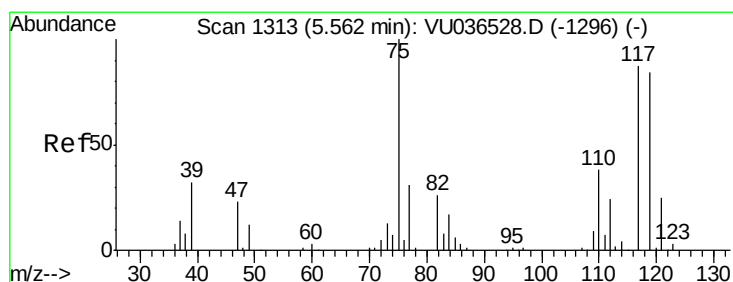
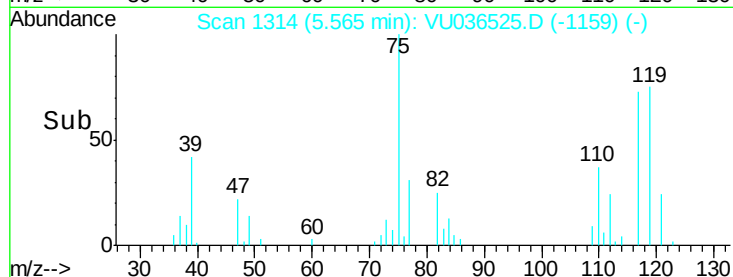
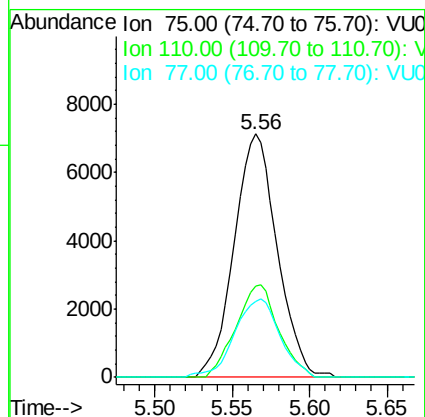
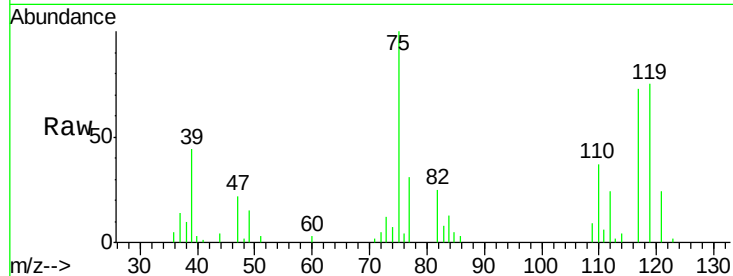
#29
 1,1-Dichloropropene
 Concen: 0.891 ug/l
 RT: 5.56 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.6	55.8
77	34.2	25.0	37.4

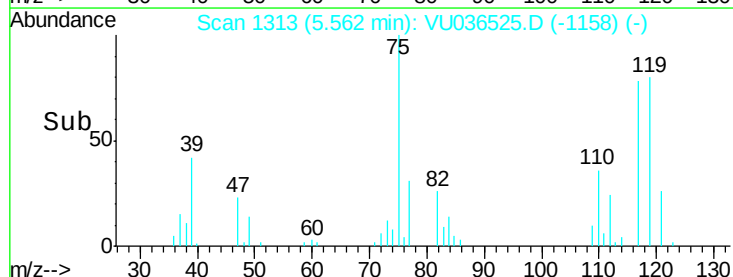
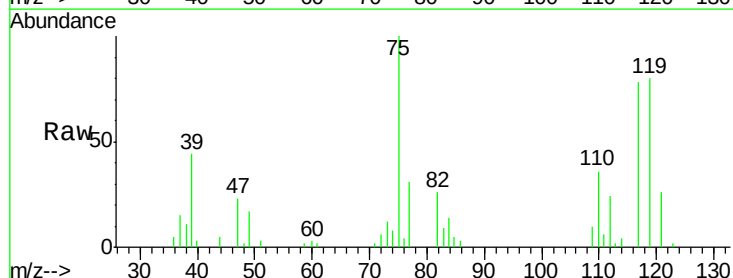
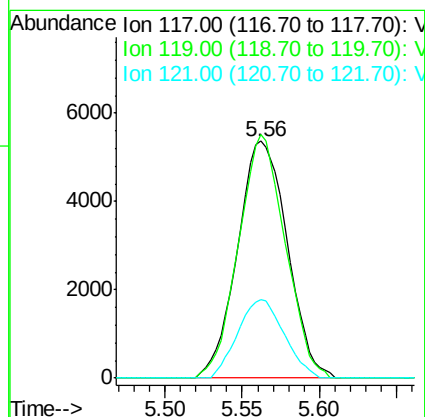
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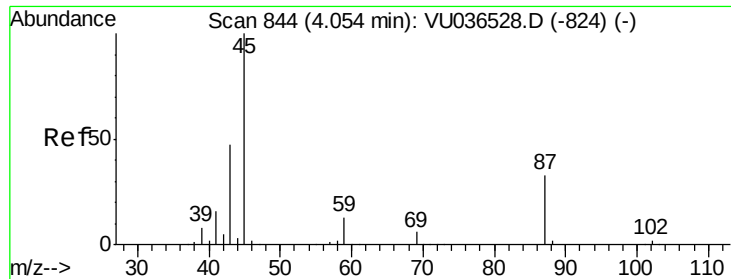
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#30
 Carbon Tetrachloride
 Concen: 0.844 ug/l
 RT: 5.56 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.8	77.0	115.6
121	33.0	23.3	34.9





#31

Isopropyl Ether

Concen: 0.805 ug/l

RT: 4.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 45 Resp: 26002

Ion Ratio Lower Upper

45 100

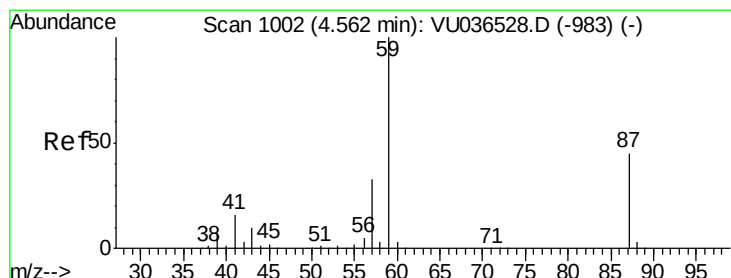
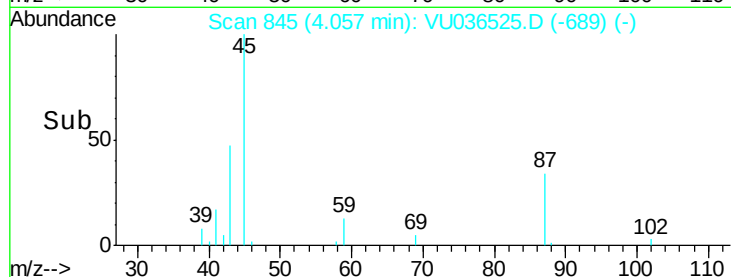
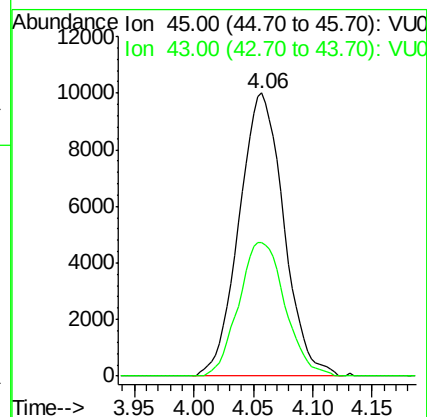
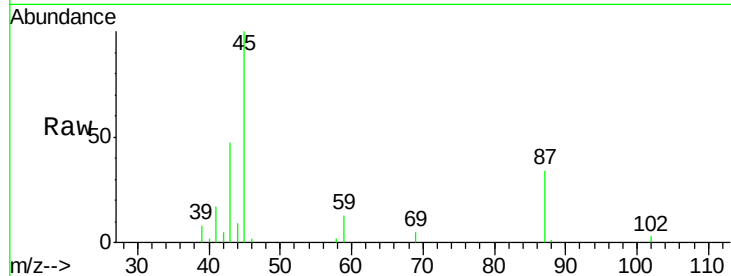
43 48.9 24.0 72.0

Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 0.854 ug/l

RT: 4.56 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VU036525.D

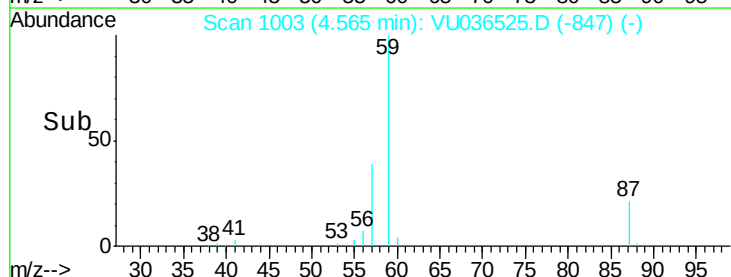
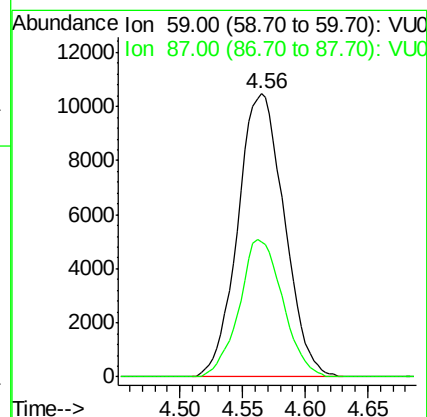
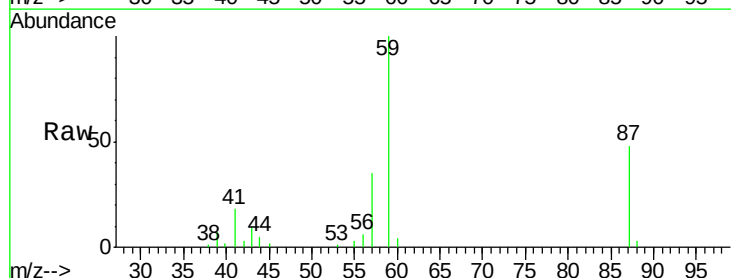
Acq: 22 Jan 2020 14:51

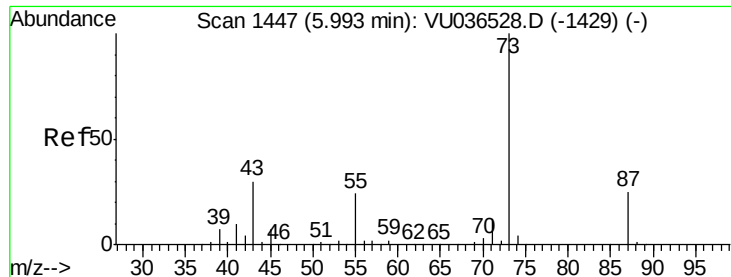
Tgt Ion: 59 Resp: 26971

Ion Ratio Lower Upper

59 100

87 45.3 35.1 52.7





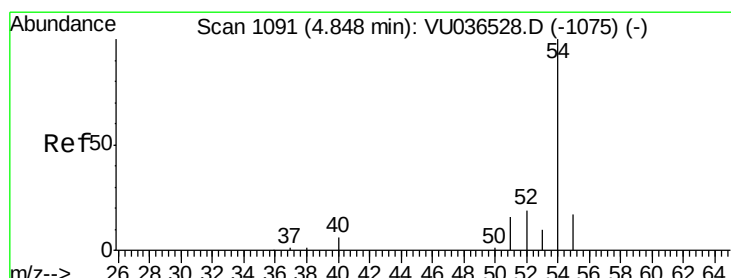
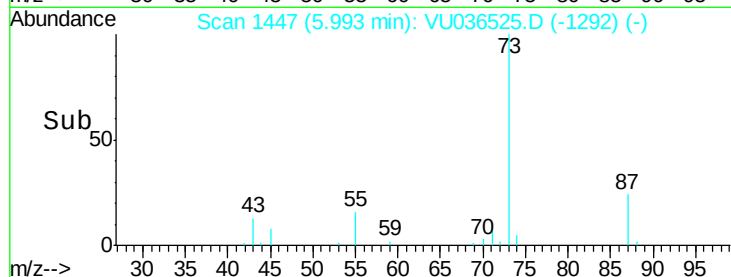
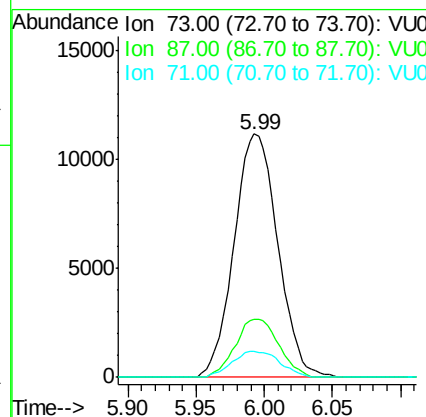
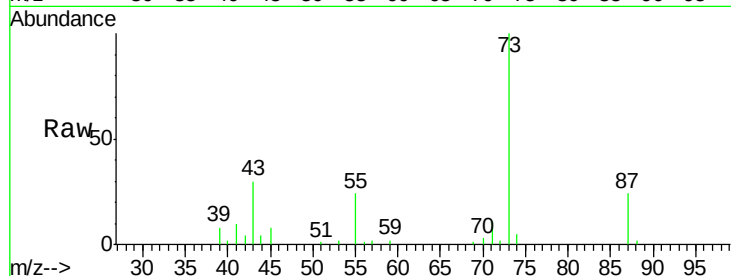
#33
Tert-Butyl methyl ether
Concen: 0.867 ug/l
RT: 5.99 min Scan# 1447
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.7	19.8	29.6
71	11.6	9.1	13.7

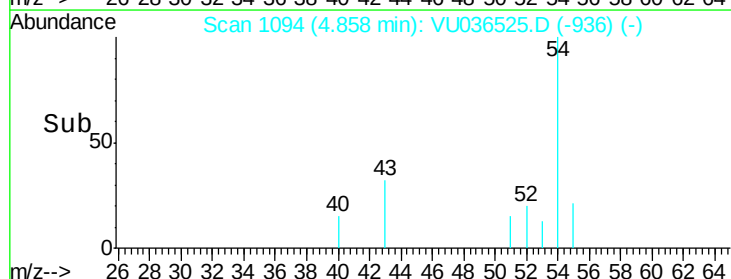
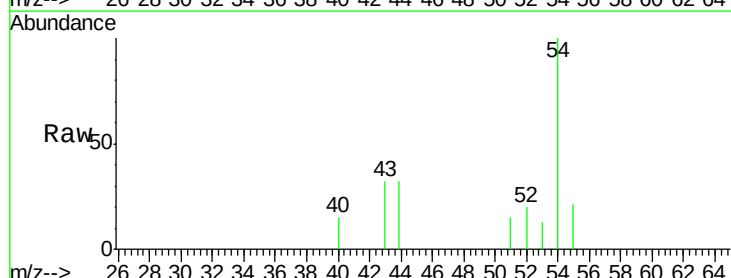
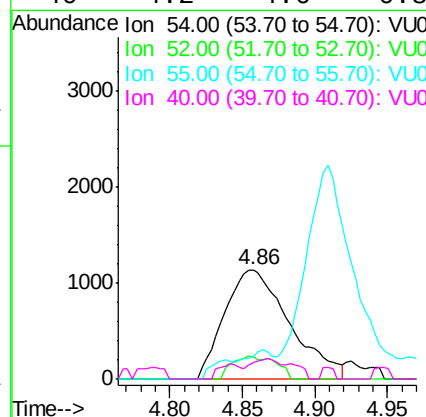
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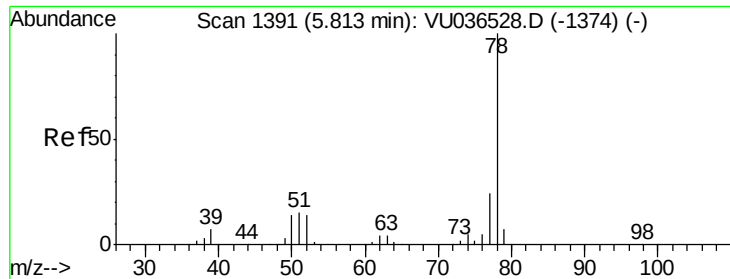
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#34
Propionitrile
Concen: 4.086 ug/l
RT: 4.86 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
54	100		
52	14.0	15.2	22.8#
55	0.0	9.5	14.3#
40	4.2	4.6	6.8#





#35

Benzene

Concen: 0.928 ug/l

RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 40114

Ion Ratio Lower Upper

78 100

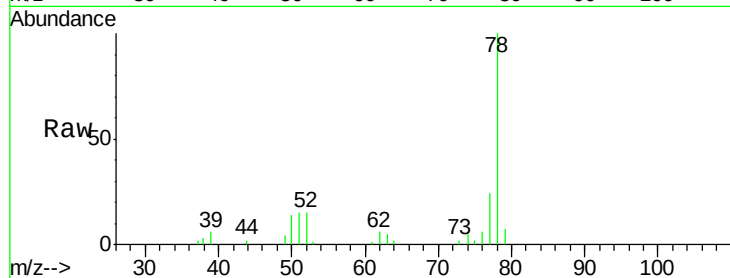
77 24.5 19.4 29.0

Manual Integrations

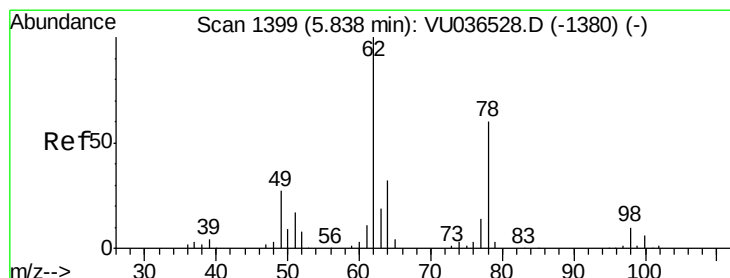
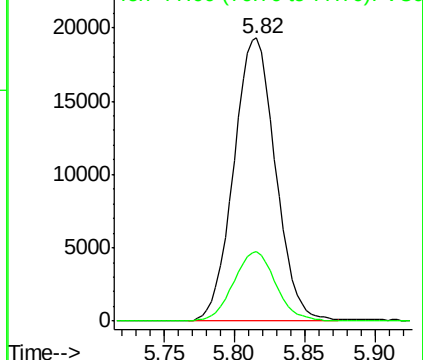
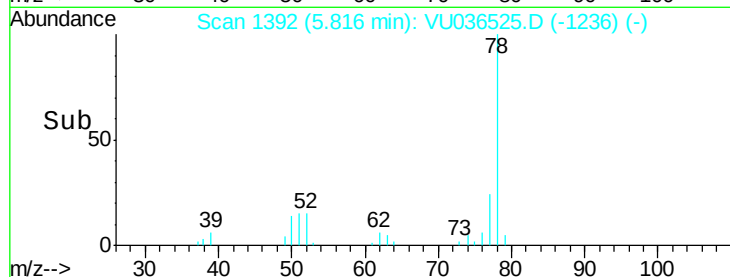
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Abundance Ion 78.10 (77.80 to 78.80): VU036525.D (-1236) (-)



#36

1,2-Dichloroethane

Concen: 0.793 ug/l

RT: 5.84 min Scan# 1400

Delta R.T. 0.00 min

Lab File: VU036525.D

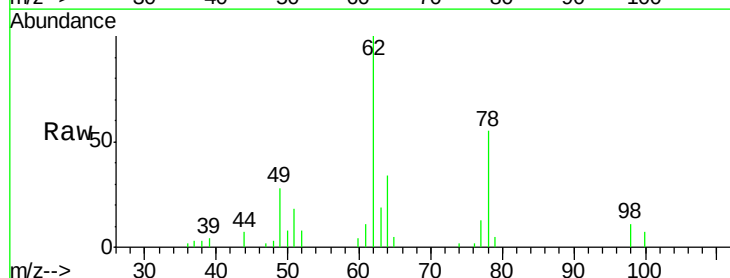
Acq: 22 Jan 2020 14:51

Tgt Ion: 62 Resp: 10970

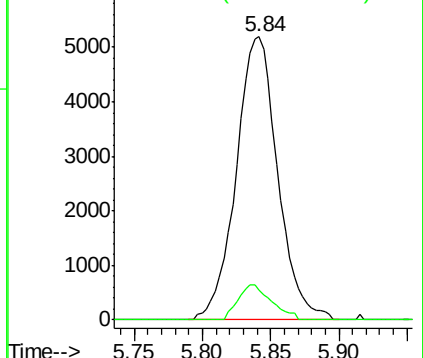
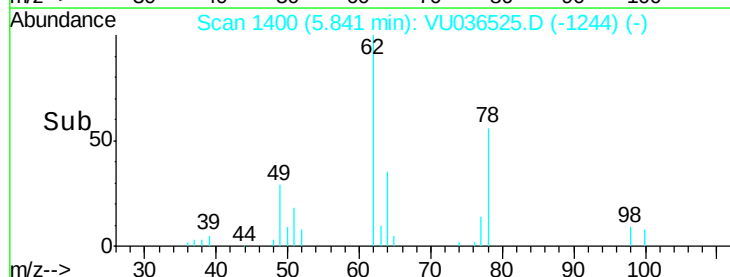
Ion Ratio Lower Upper

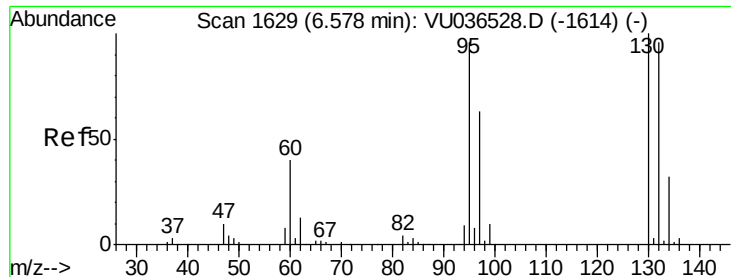
62 100

98 9.9 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VU036525.D (-1244) (-)





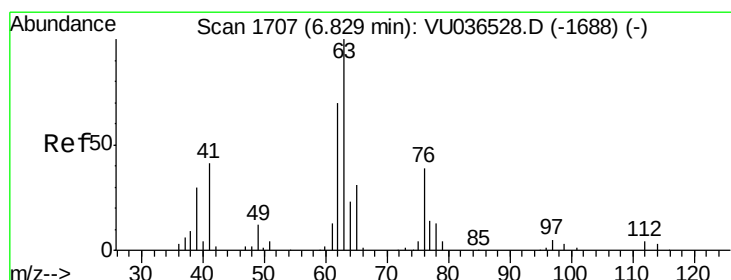
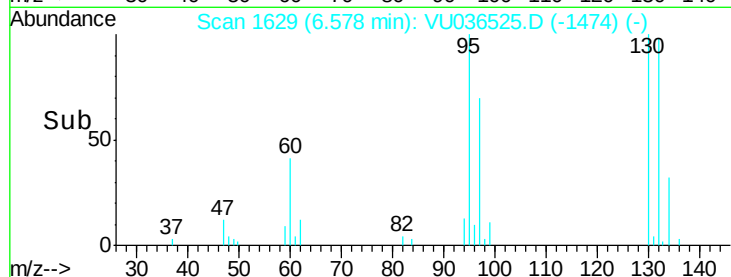
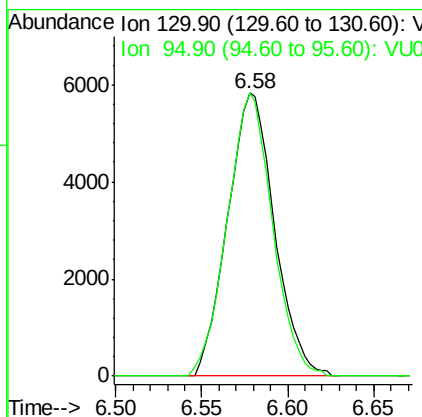
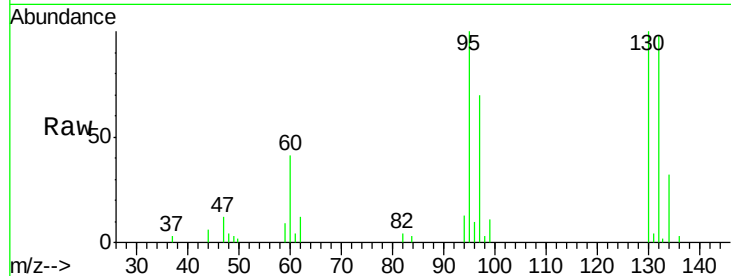
#37
 Trichloroethene
 Concen: 1.050 ug/l
 RT: 6.58 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion:130 Resp: 11011
 Ion Ratio Lower Upper
 130 100
 95 100.0 77.0 115.4

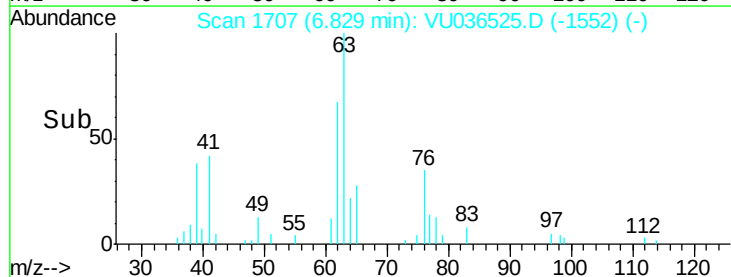
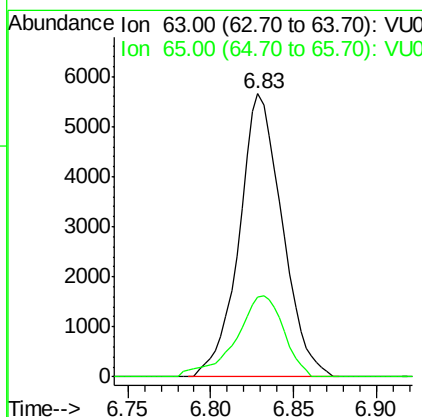
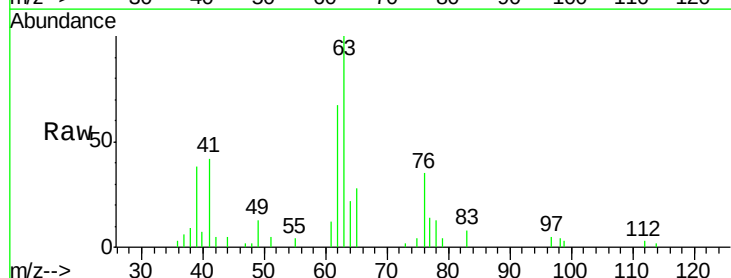
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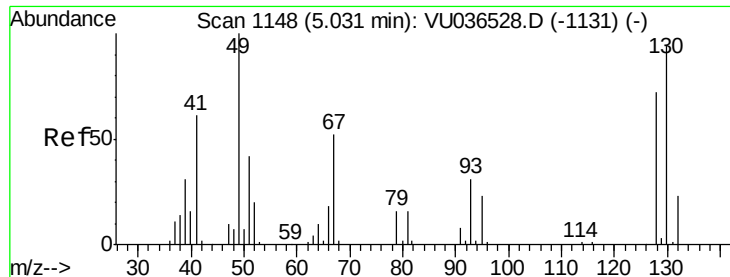
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#38
 1,2-Dichloropropane
 Concen: 0.900 ug/l
 RT: 6.83 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion: 63 Resp: 10207
 Ion Ratio Lower Upper
 63 100
 65 28.3 24.7 37.1





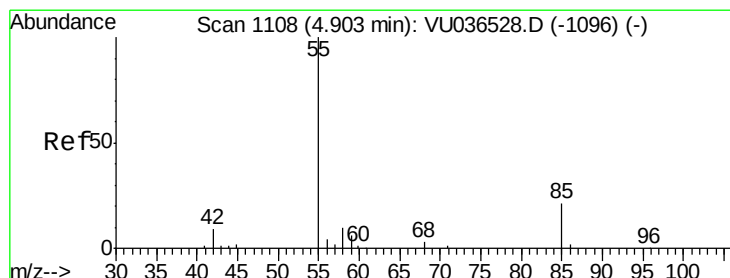
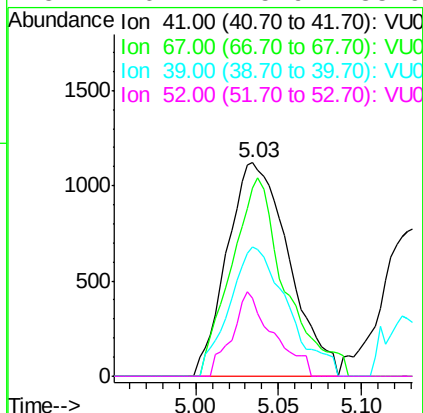
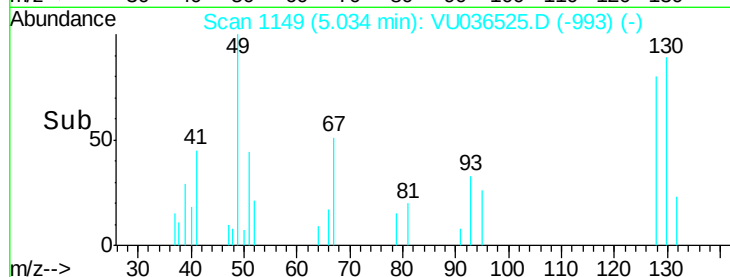
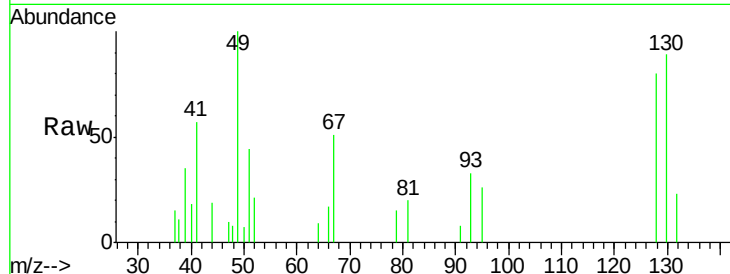
#39
Methacrylonitrile
Concen: 0.706 ug/l
RT: 5.03 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	41	Resp	2901
Ion	Ratio	Lower	Upper
41	100		
67	81.1	69.6	104.4
39	57.2	41.6	62.4
52	26.2	25.9	38.9

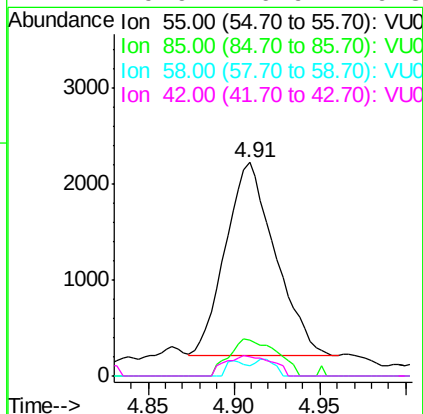
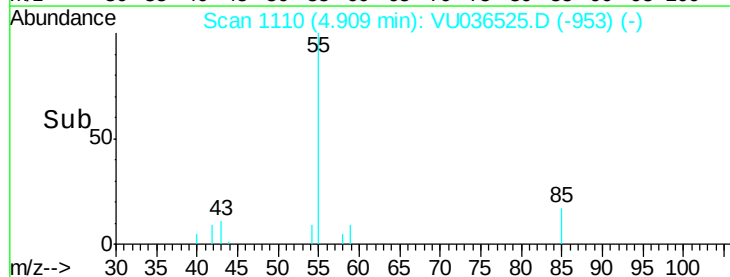
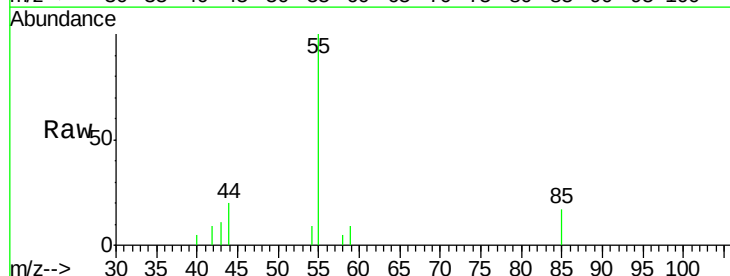
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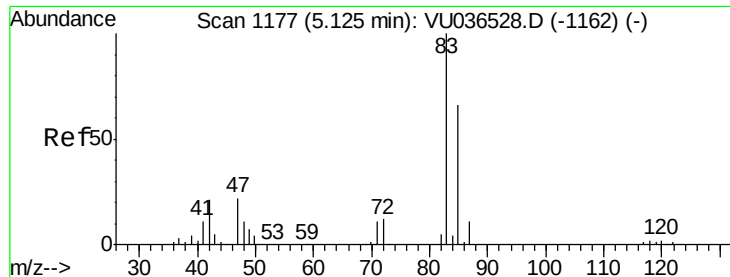
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#40
Methyl acrylate
Concen: 0.666 ug/l
RT: 4.91 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion	55	Resp	4062
Ion	Ratio	Lower	Upper
55	100		
85	18.1	14.7	22.1
58	3.4	7.1	10.7
42	9.9	6.9	10.3





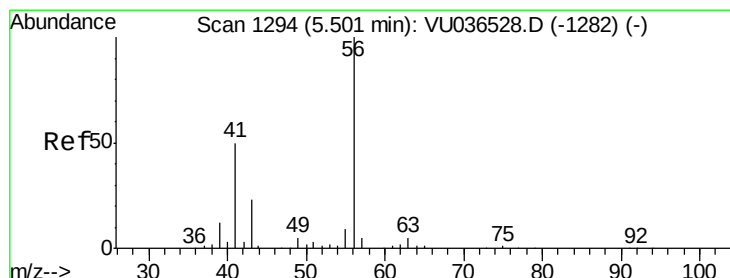
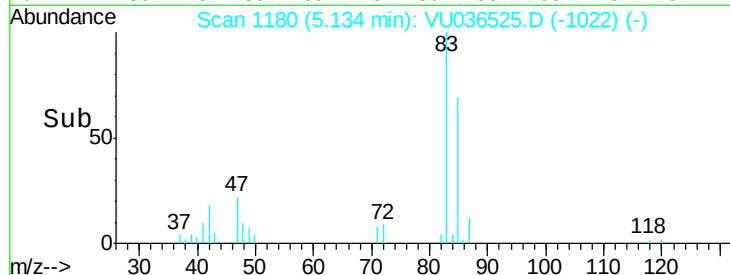
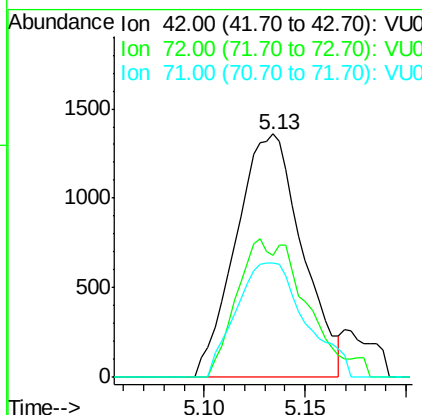
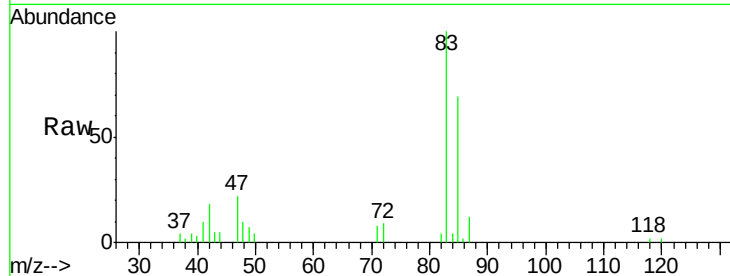
#41
Tetrahydrofuran
Concen: 1.462 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	31.5	42.5	63.7#
71	48.9	37.3	55.9

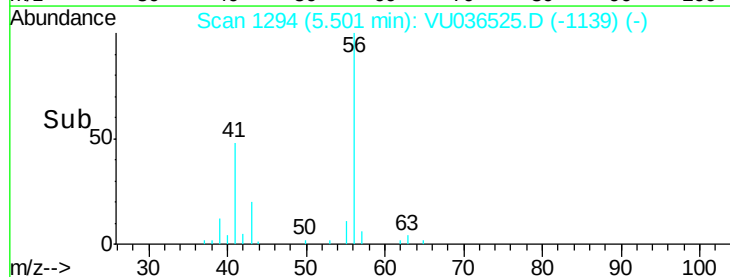
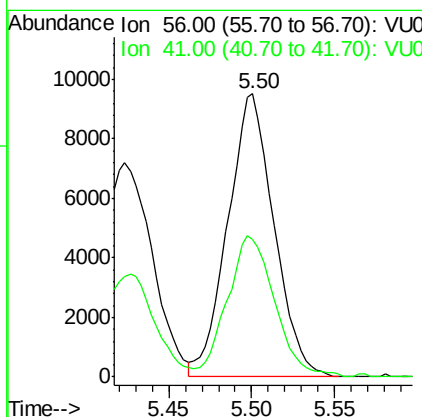
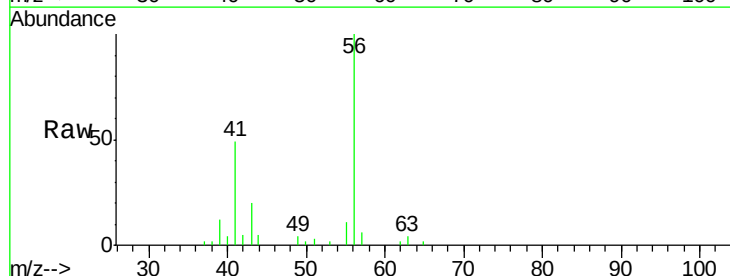
Manual Integrations
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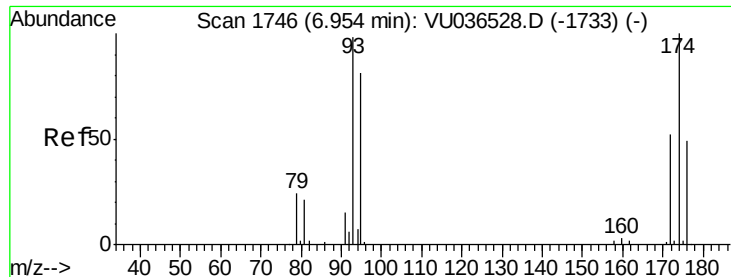
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#42
1-Chlorobutane
Concen: 0.823 ug/l
RT: 5.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
56	100		
41	51.2	24.8	74.3





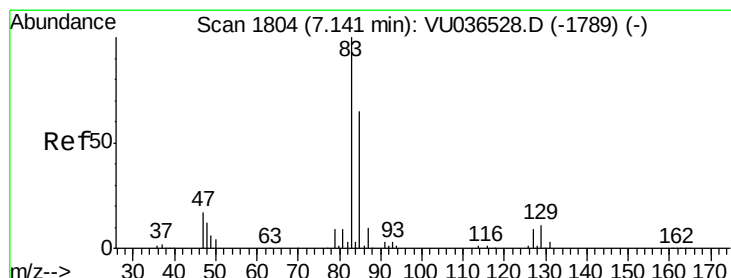
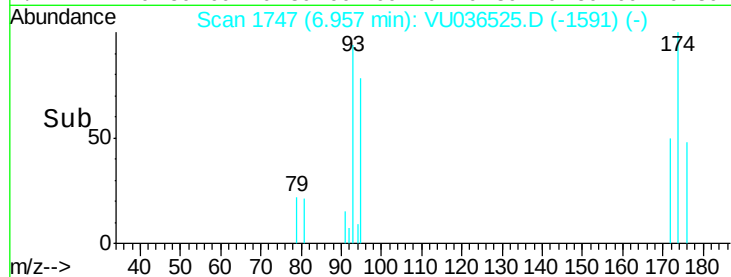
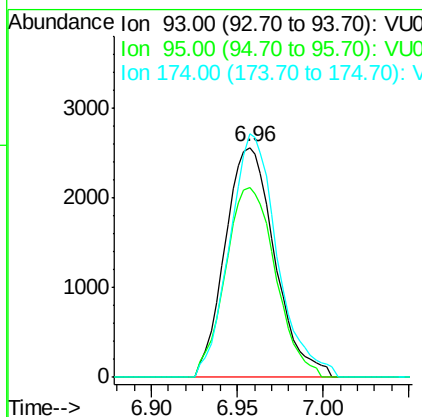
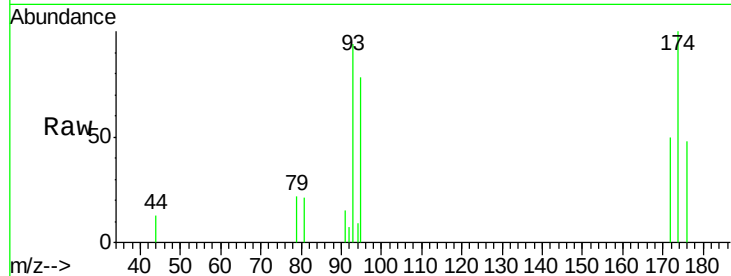
#43
 Dibromomethane
 Concen: 0.888 ug/l
 RT: 6.96 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.9	101.9
174	101.7	83.4	125.0

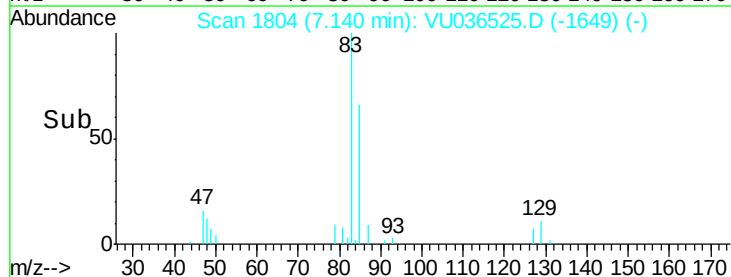
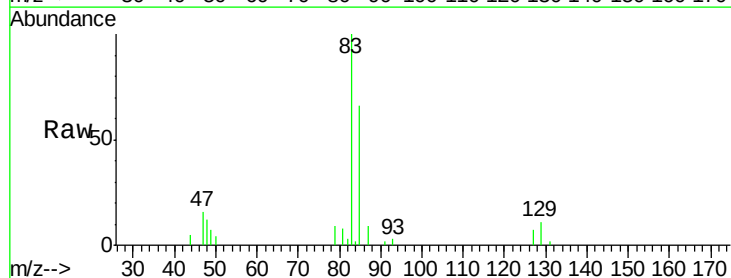
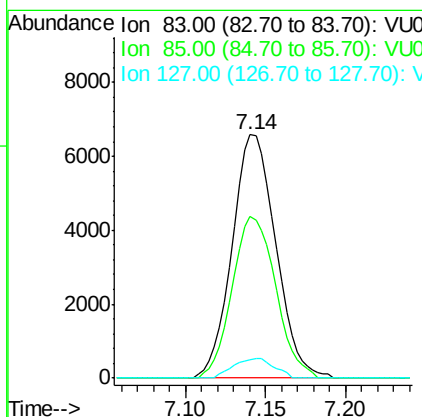
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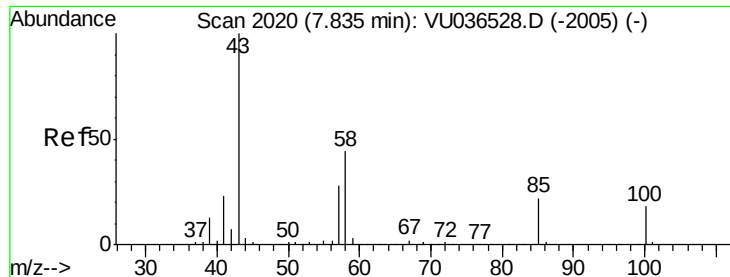
apatel
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#44
 Bromodichloromethane
 Concen: 0.817 ug/l
 RT: 7.14 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.8	77.6
127	7.5	6.8	10.2





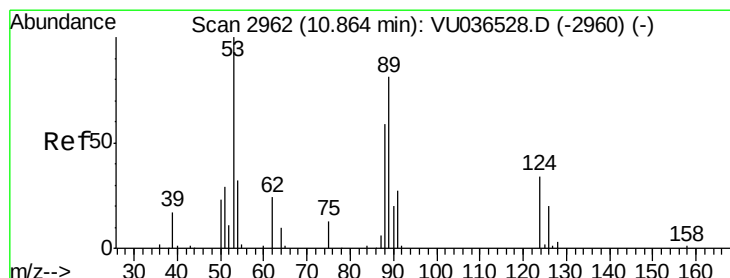
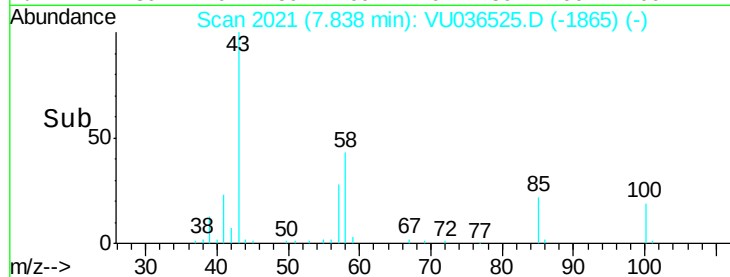
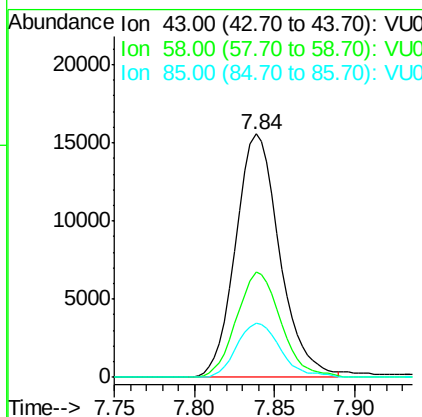
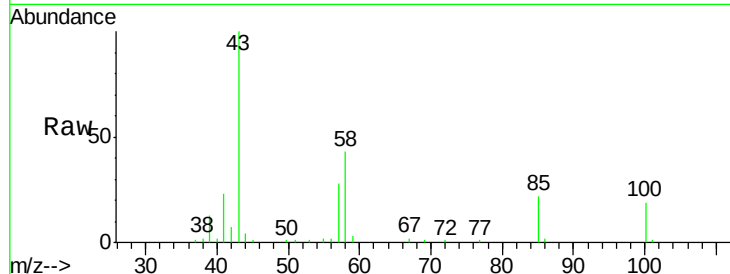
#45
4-Methyl-2-Pentanone
Concen: 3.632 ug/l
RT: 7.84 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.4	22.1	66.1
85	22.0	17.4	26.0

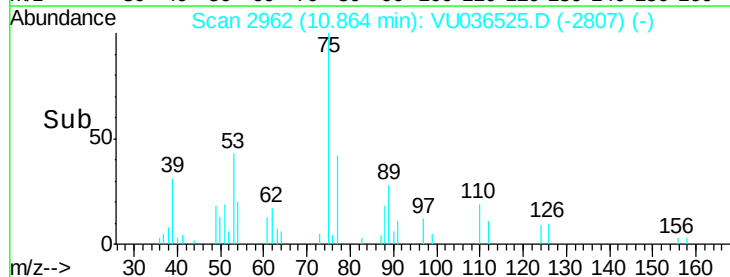
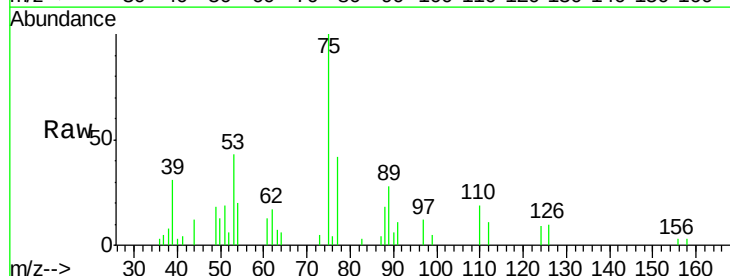
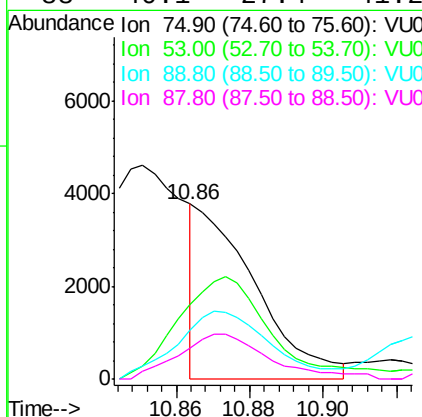
Manual Integrations
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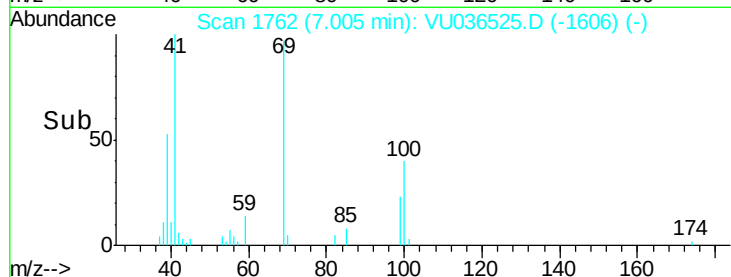
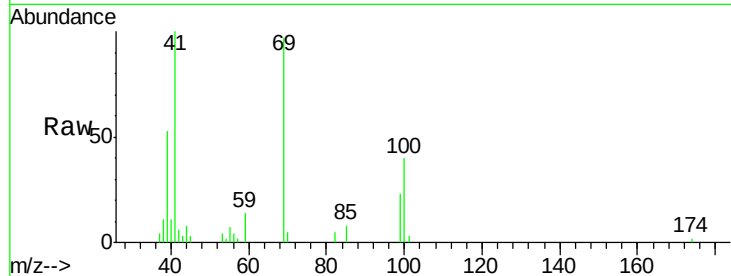
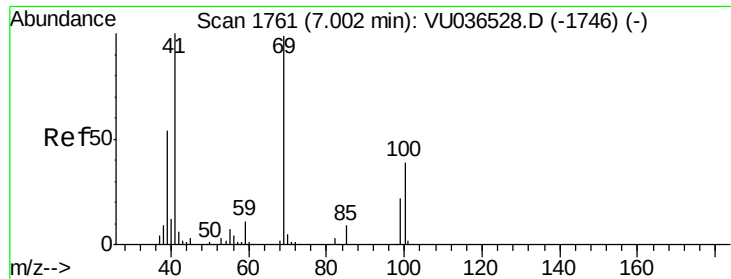
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#46
t-1,4-Dichloro-2-butene
Concen: 1.269 ug/l m
RT: 10.86 min Scan# 2962
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.0	52.2	78.2#
89	61.4	39.8	59.6#
88	40.1	27.4	41.2





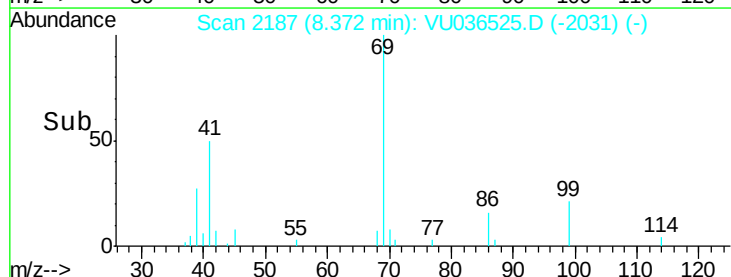
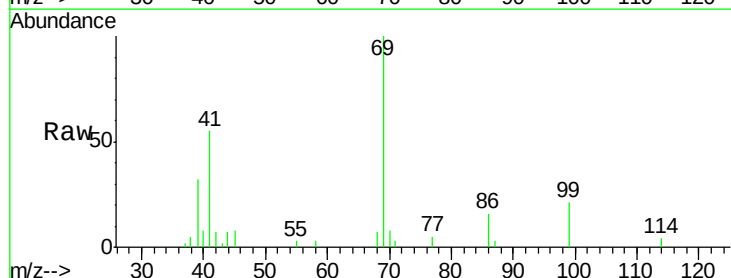
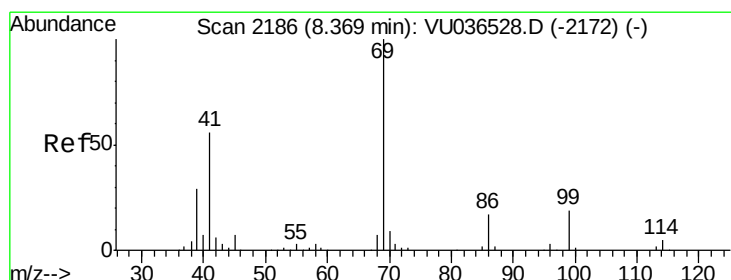
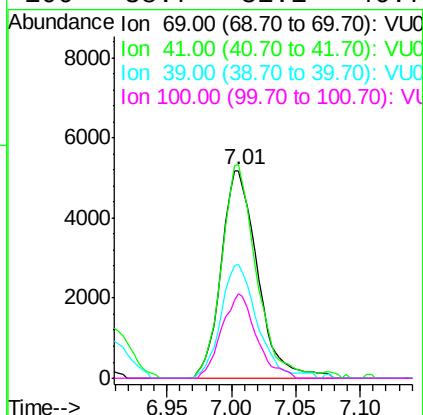
#47
Methyl methacrylate
Concen: 1.827 ug/l
RT: 7.01 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	98.4	0.0	200.8	
39	53.9	43.5	65.3	
100	38.7	31.1	46.7	

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

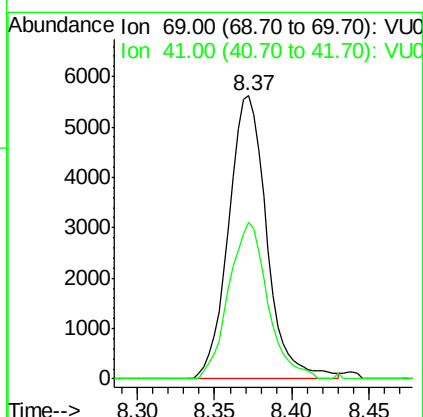
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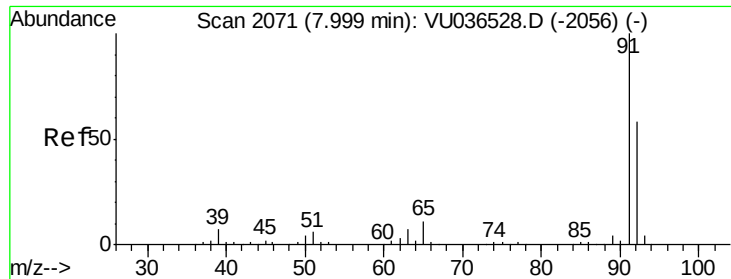
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#48
Ethyl methacrylate
Concen: 0.877 ug/l
RT: 8.37 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	56.1	27.9	83.6	





#49

Toluene

Concen: 0.967 ug/l

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 25913

Ion Ratio Lower Upper

92 100

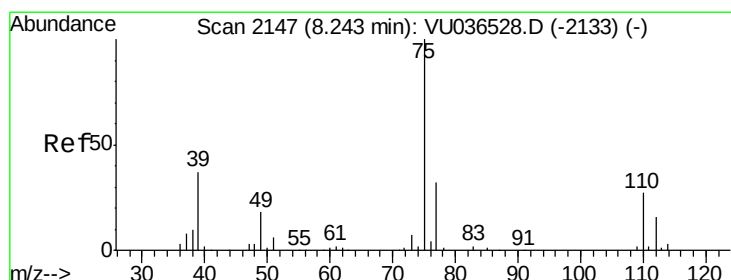
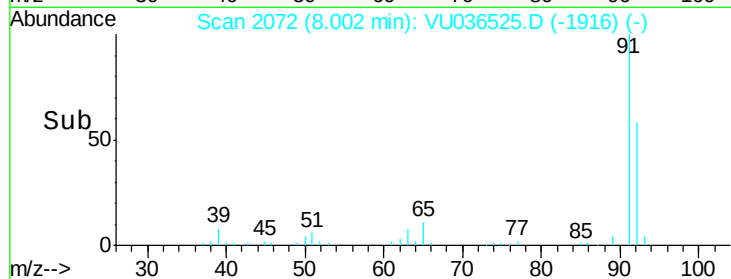
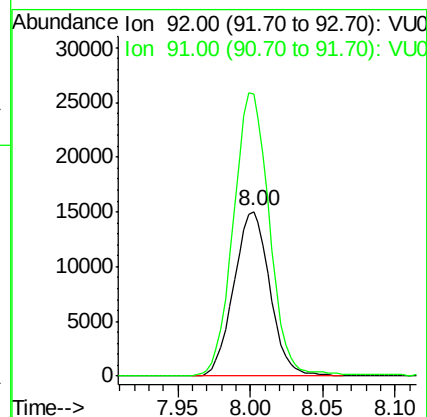
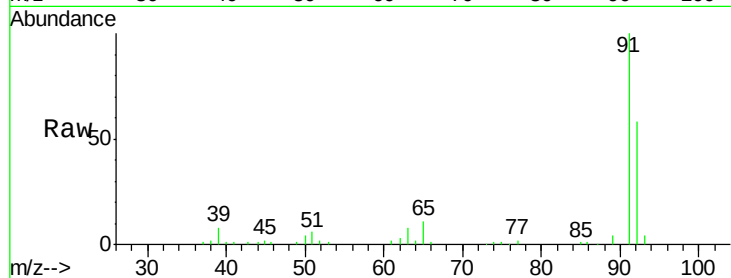
91 173.5 139.1 208.7

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 0.799 ug/l

RT: 8.24 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VU036525.D

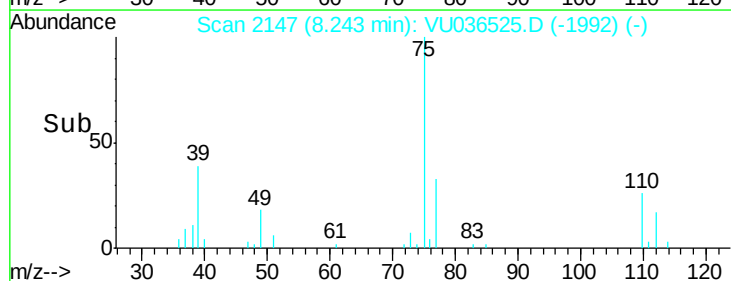
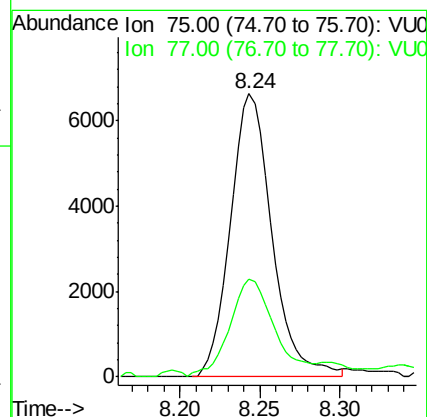
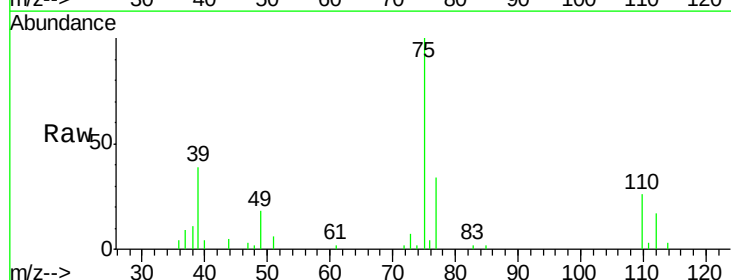
Acq: 22 Jan 2020 14:51

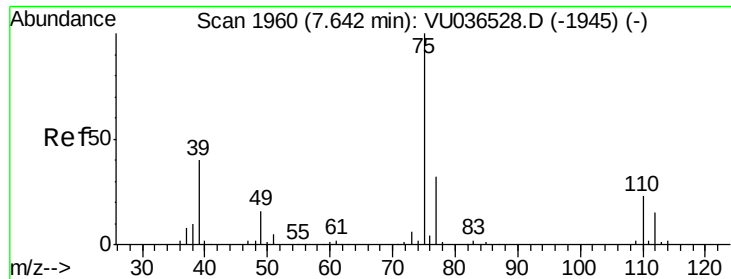
Tgt Ion: 75 Resp: 11758

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.2





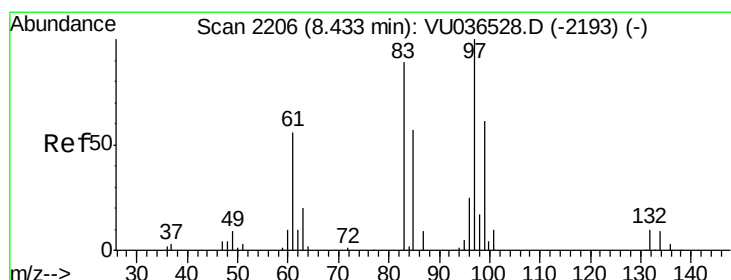
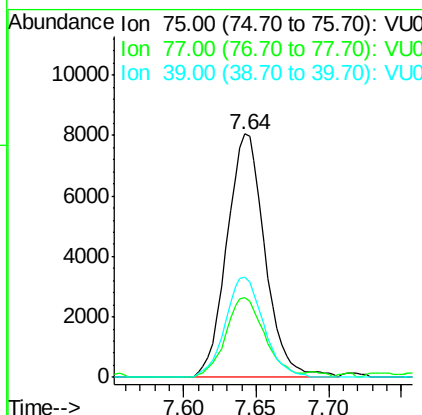
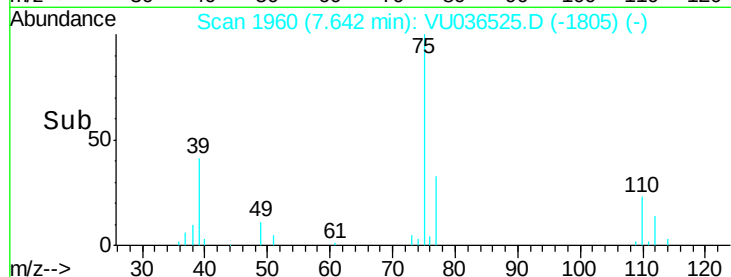
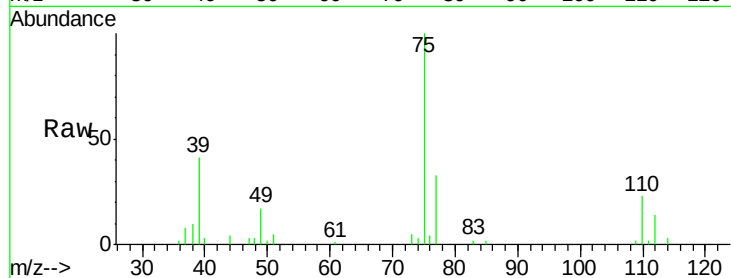
#51
 cis-1,3-Dichloropropene
 Concen: 0.863 ug/l
 RT: 7.64 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.3	37.9
39	41.2	31.8	47.6

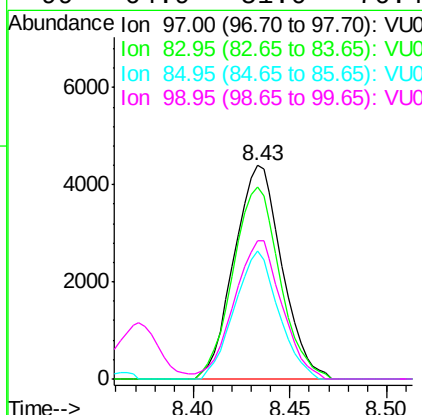
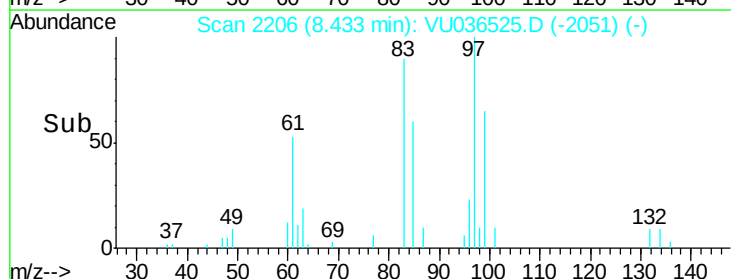
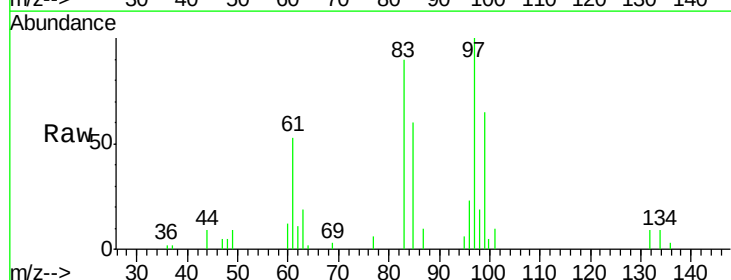
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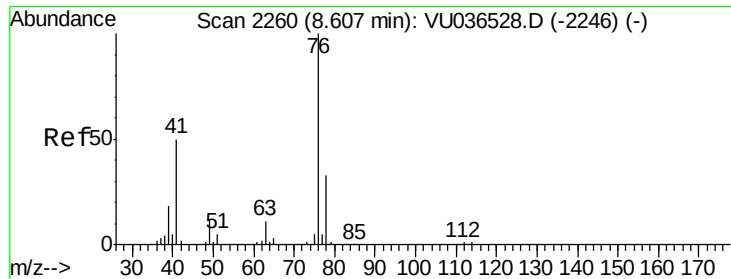
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#52
 1,1,2-Trichloroethane
 Concen: 0.976 ug/l
 RT: 8.43 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.0	70.9	106.3
85	59.7	45.6	68.4
99	64.9	51.0	76.4





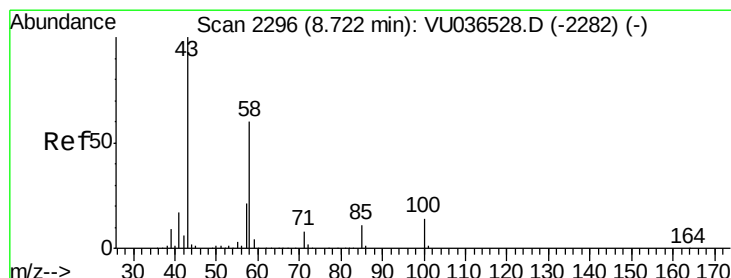
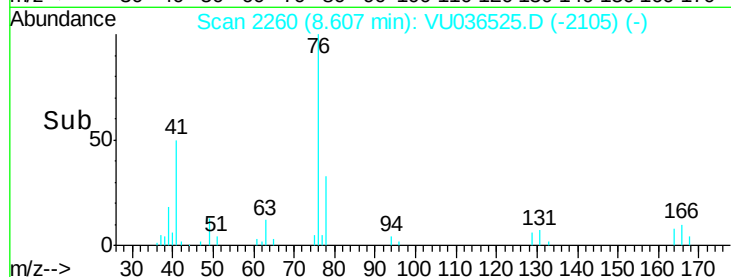
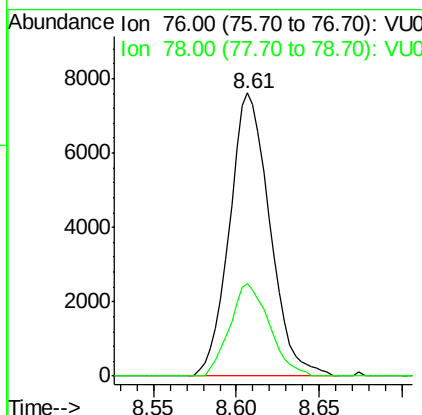
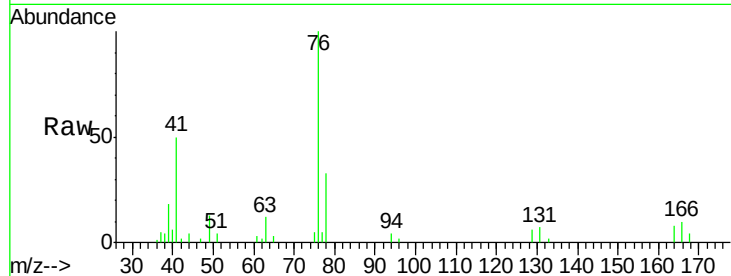
#53
 1,3-Dichloropropane
 Concen: 0.893 ug/l
 RT: 8.61 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.4	38.2

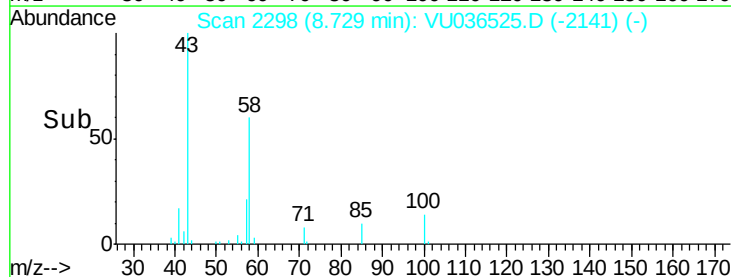
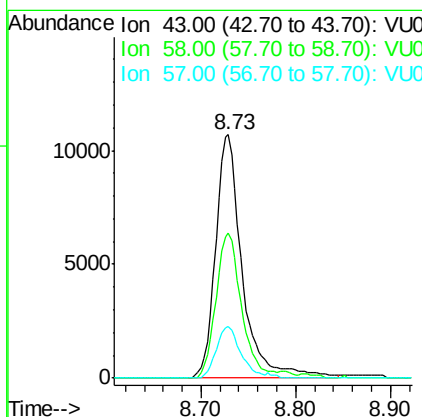
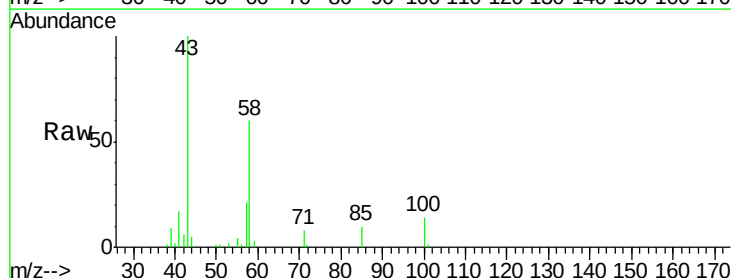
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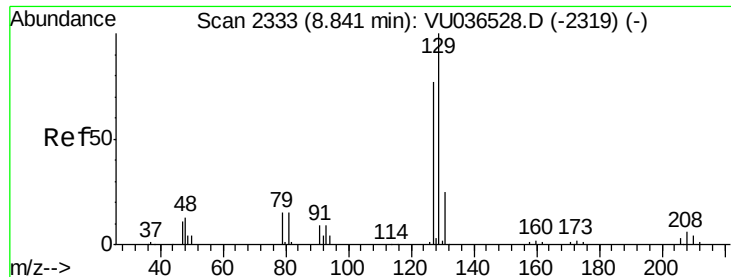
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#54
 2-Hexanone
 Concen: 3.773 ug/l
 RT: 8.73 min Scan# 2298
 Delta R.T. 0.01 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	57.0	40.6	80.6
57	19.8	1.2	41.2





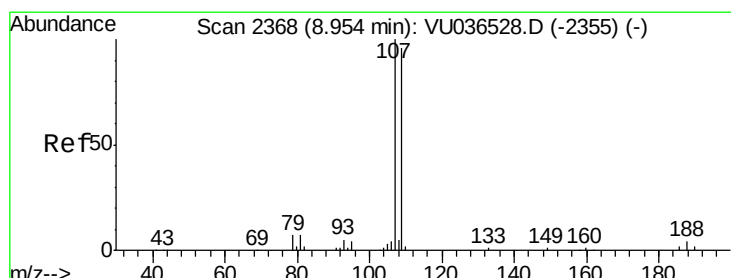
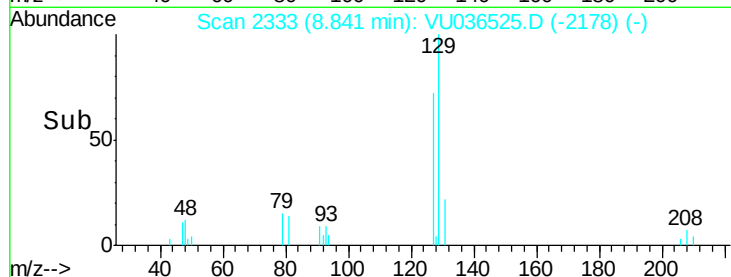
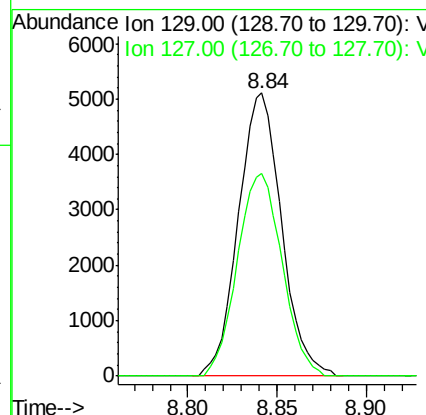
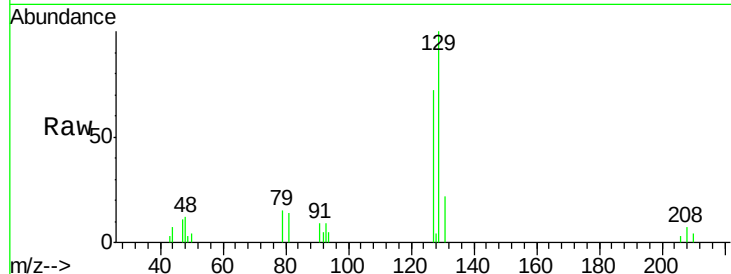
#55
 Dibromochloromethane
 Concen: 0.950 ug/l
 RT: 8.84 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	74.3	62.6	94.0

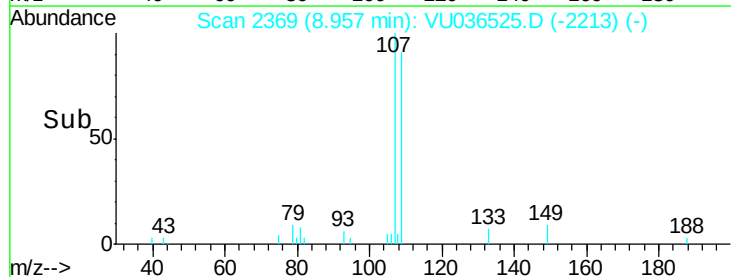
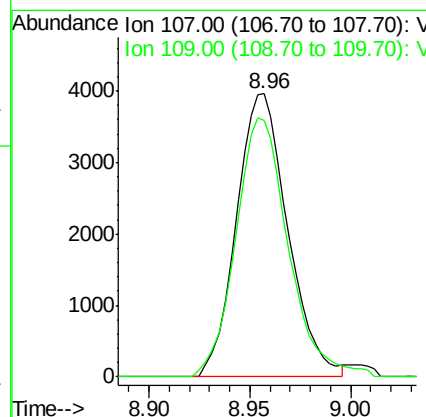
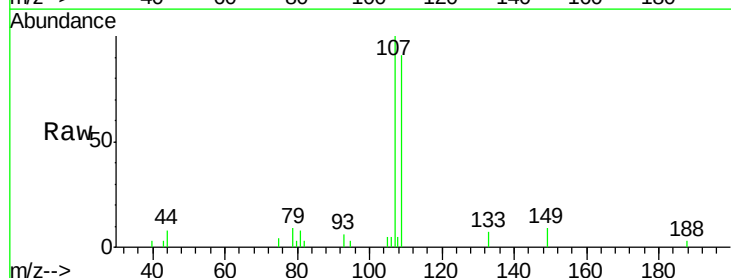
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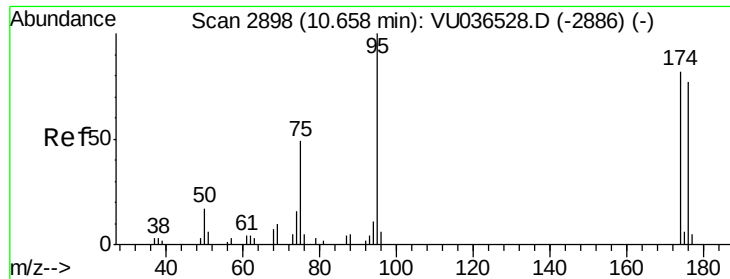
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#56
 1,2-Dibromoethane
 Concen: 0.927 ug/l
 RT: 8.96 min Scan# 2369
 Delta R.T. 0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.8	0.0	190.8





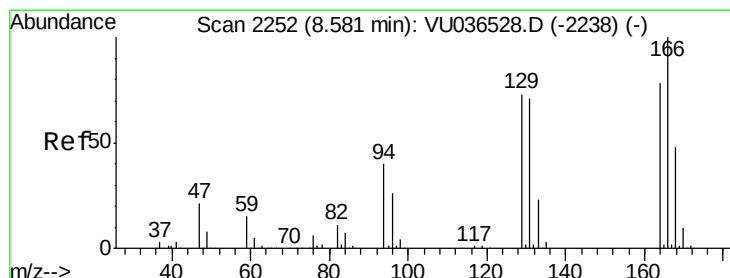
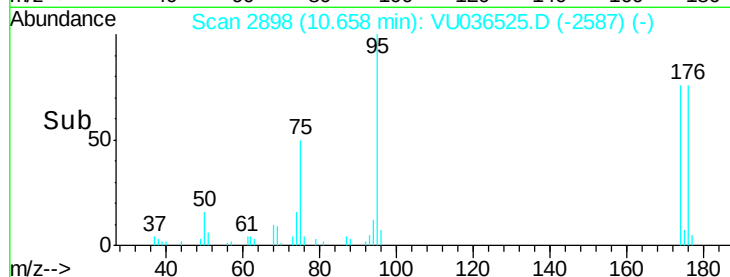
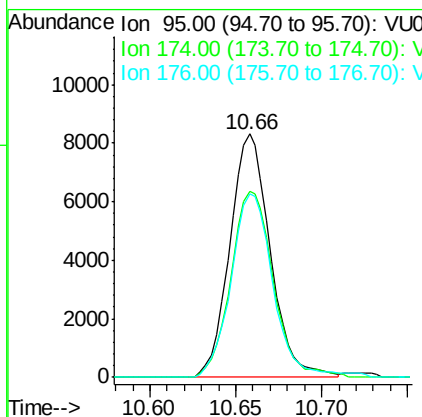
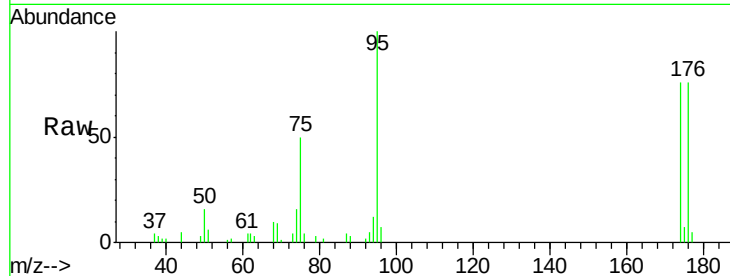
#57
4-Bromofluorobenzene
Concen: 0.942 ug/l
RT: 10.66 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
95	100		
174	80.5	64.7	97.1
176	78.3	60.6	91.0

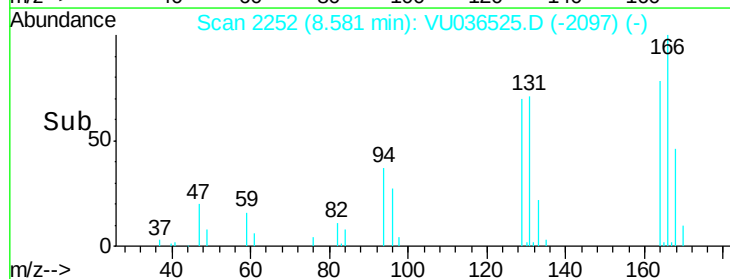
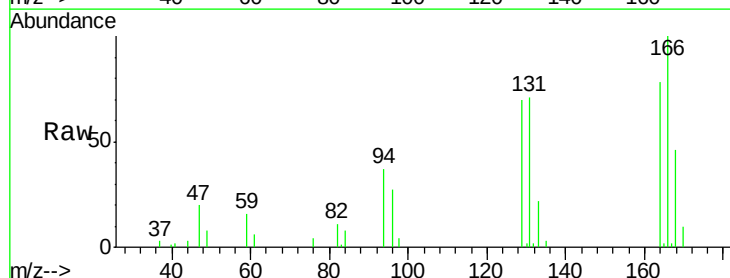
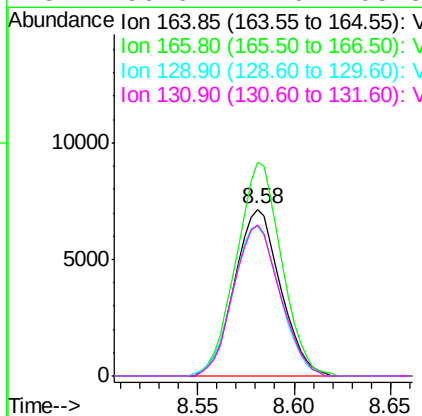
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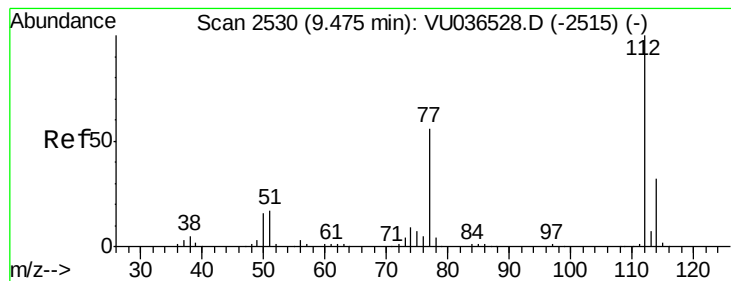
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#58
Tetrachloroethene
Concen: 1.363 ug/l
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	102.0	153.0
129	89.4	74.9	112.3
131	90.6	72.6	108.8





#59

Chlorobenzene

Concen: 1.016 ug/l

RT: 9.47 min Scan# 2530

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:112 Resp: 28733

Ion Ratio Lower Upper

112 100

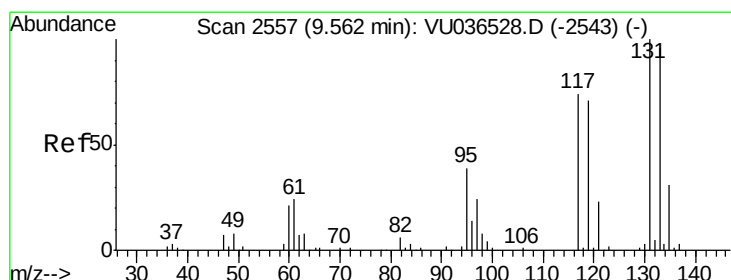
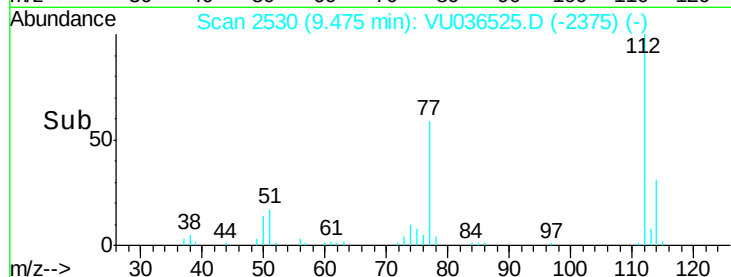
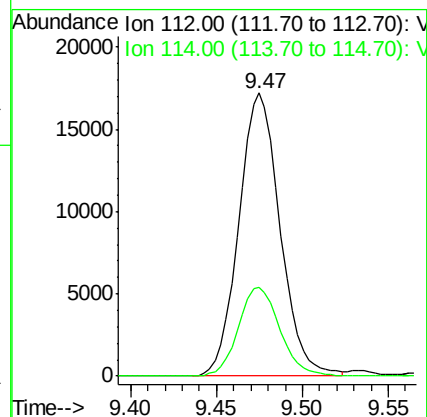
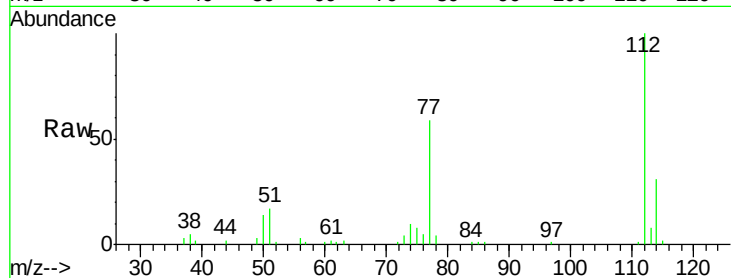
114 31.5 25.8 38.8

Manual Integrations

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#60

1,1,1,2-Tetrachloroethane

Concen: 0.952 ug/l

RT: 9.56 min Scan# 2557

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

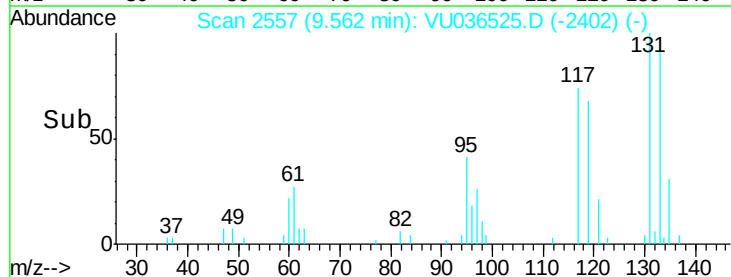
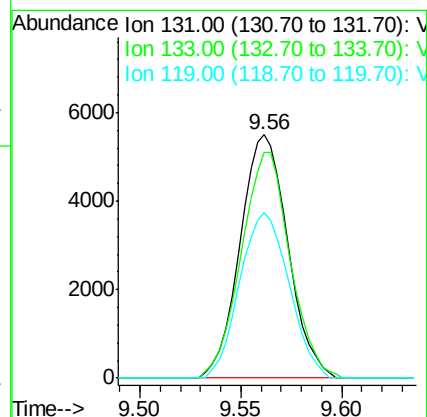
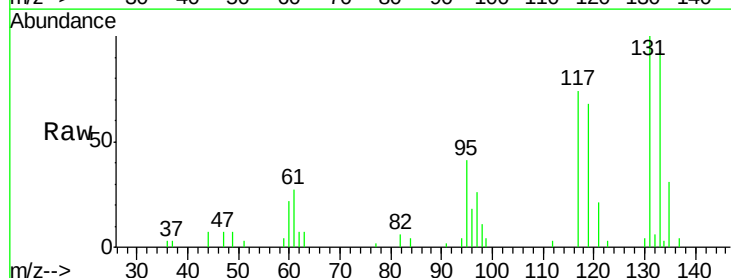
Tgt Ion:131 Resp: 9115

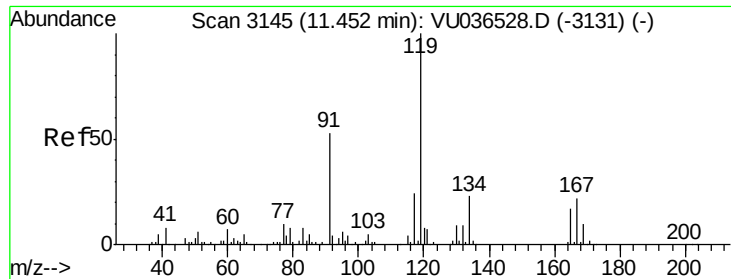
Ion Ratio Lower Upper

131 100

133 94.4 76.4 114.6

119 70.0 56.6 85.0





#61

Pentachloroethane

Concen: 0.712 ug/l

RT: 11.45 min Scan# 3144

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:117 Resp: 5614

Ion Ratio Lower Upper

117 100

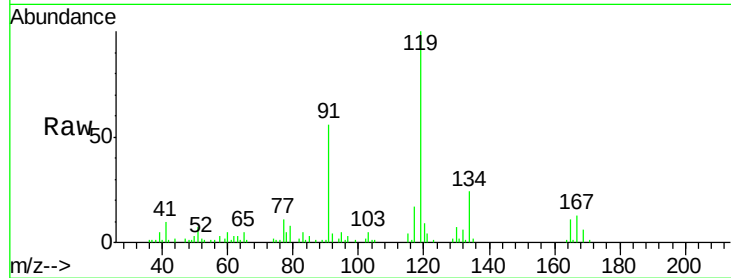
167 81.6 66.7 100.1

Manual Integrations

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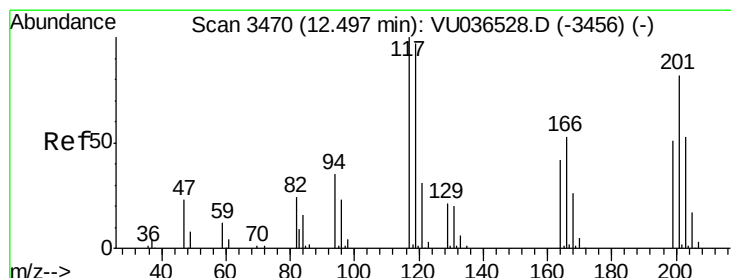
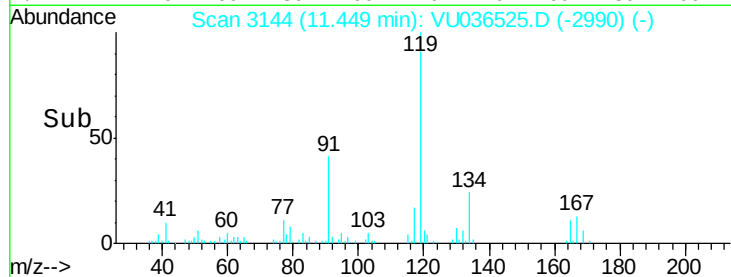
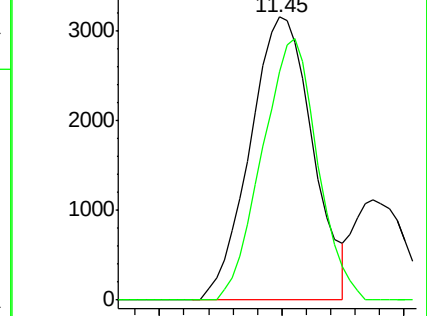
apatel

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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: 0.843 ug/l

RT: 12.49 min Scan# 3469

Delta R.T. -0.00 min

Lab File: VU036525.D

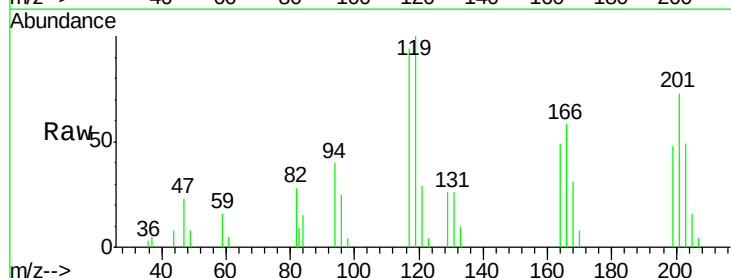
Acq: 22 Jan 2020 14:51

Tgt Ion:117 Resp: 6972

Ion Ratio Lower Upper

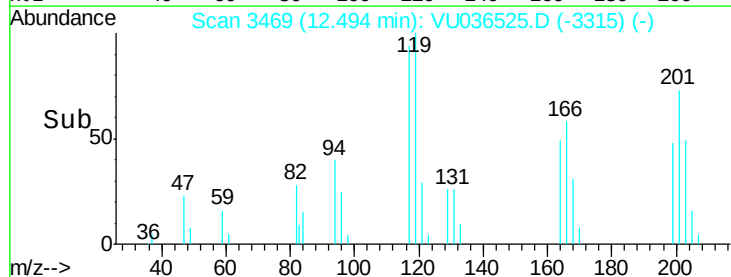
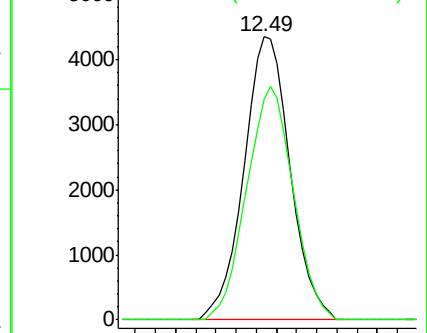
117 100

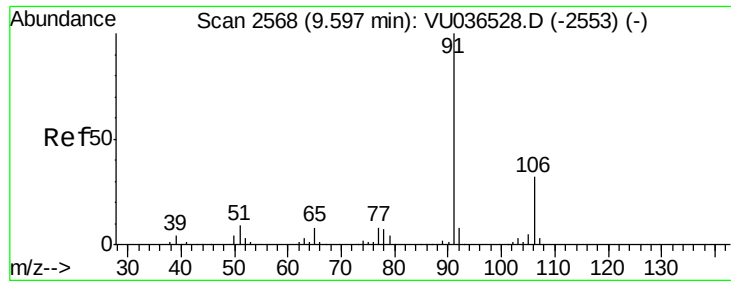
201 83.1 65.0 97.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





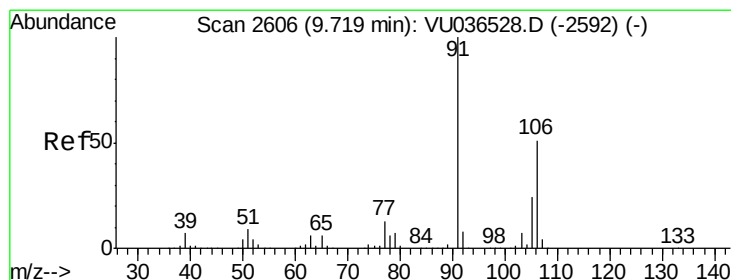
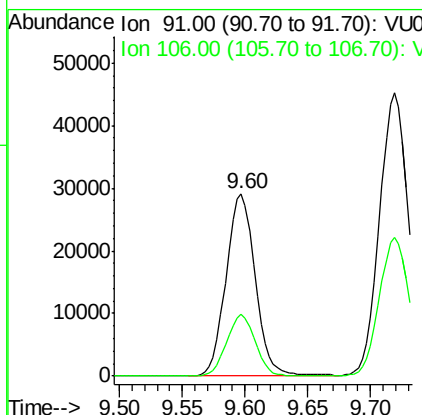
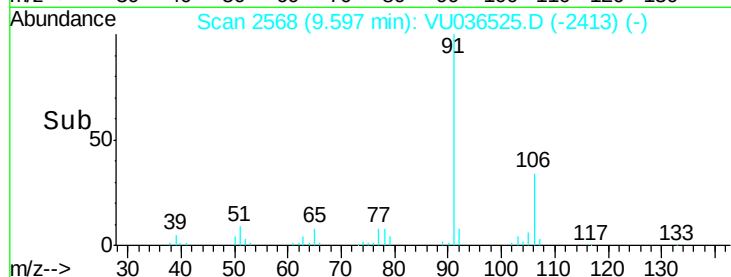
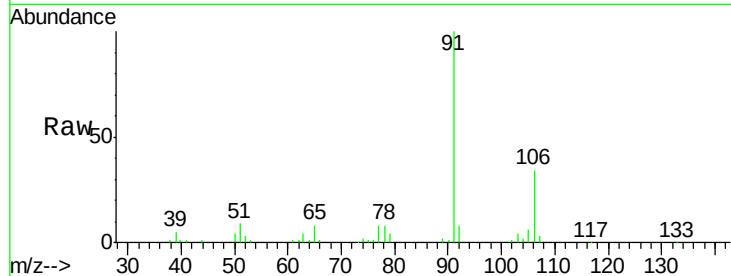
#63
Ethyl Benzene
Concen: 0.918 ug/l
RT: 9.60 min Scan# 2568
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampled :
VSTDIC001

Tot Ion: 91 Resp: 47224
Ion Ratio Lower Upper
91 100
106 33.7 26.0 39.0

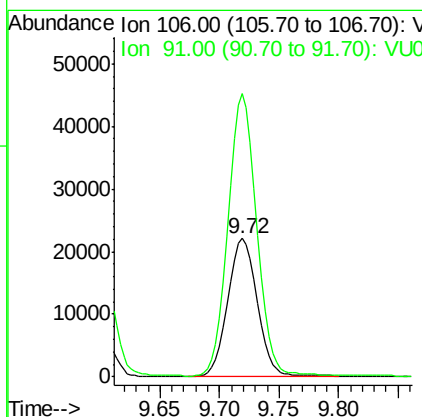
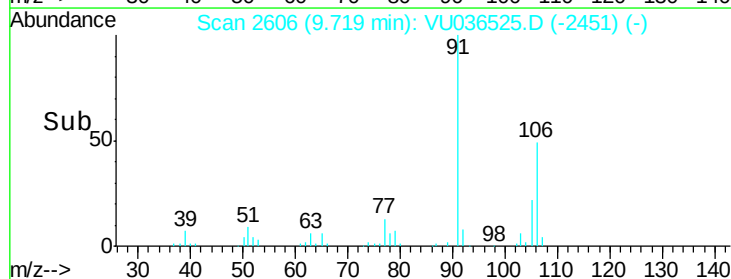
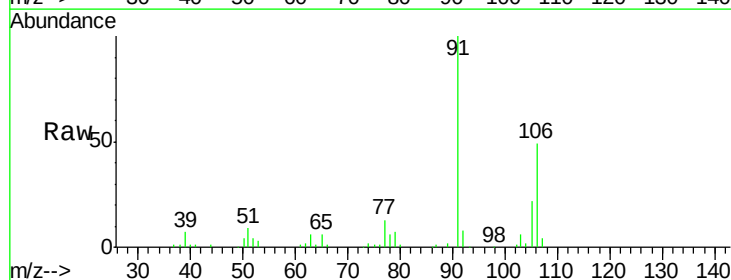
Manual Integrations
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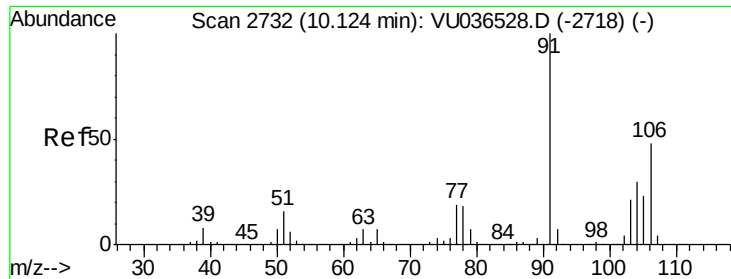
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#64
m/p-Xylenes
Concen: 2.026 ug/l
RT: 9.72 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion: 106 Resp: 38529
Ion Ratio Lower Upper
106 100
91 196.2 158.2 237.4





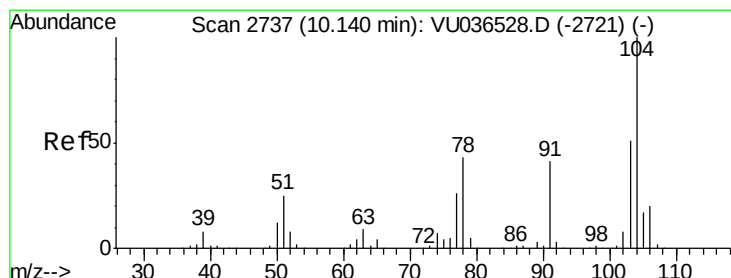
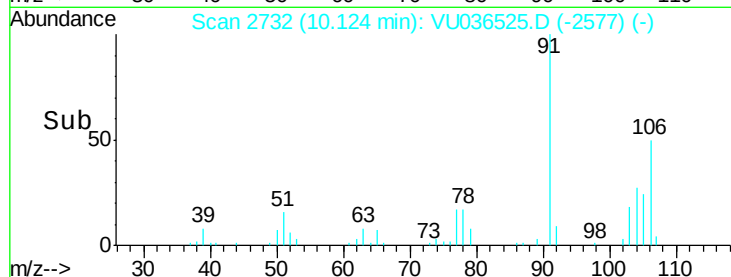
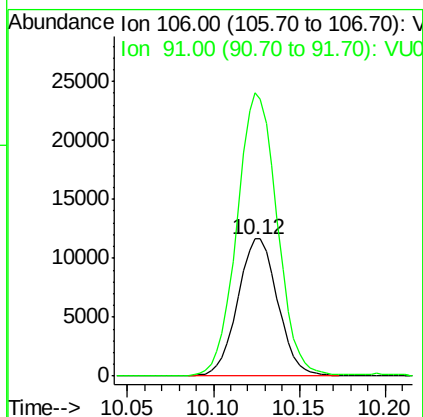
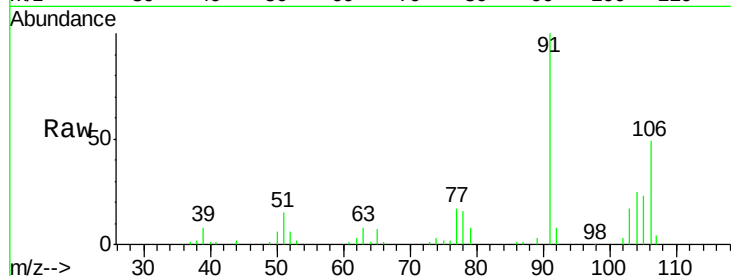
#65
o-Xylene
Concen: 1.014 ug/l
RT: 10.12 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampled :
VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	207.8	104.3	312.9	

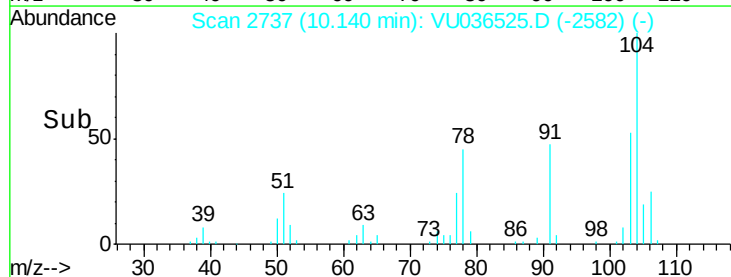
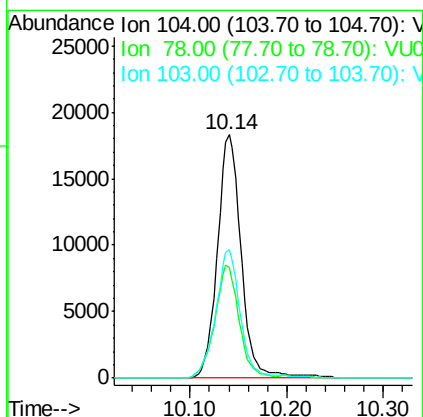
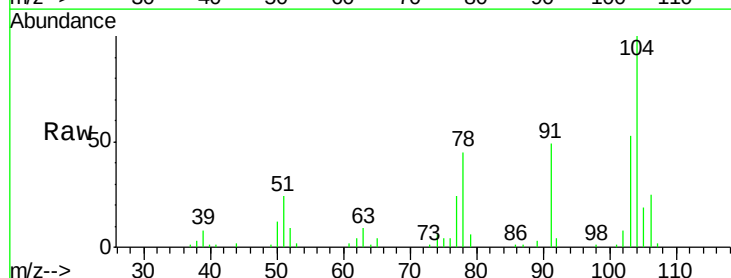
Manual Integrations
APPROVED

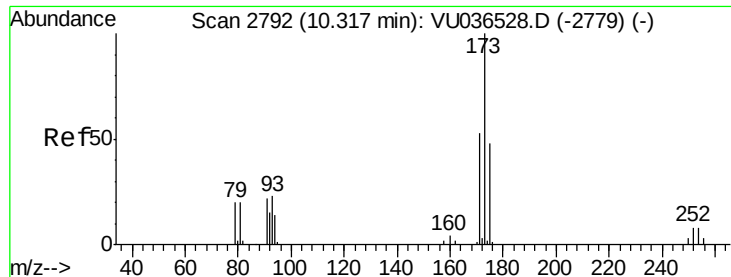
apatel
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#66
Styrene
Concen: 1.021 ug/l
RT: 10.14 min Scan# 2737
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.3	38.6	57.8	
103	53.6	44.4	66.6	





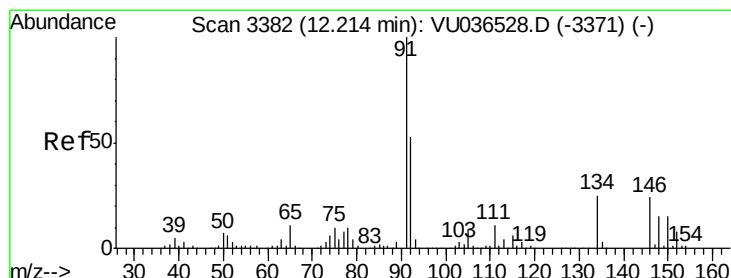
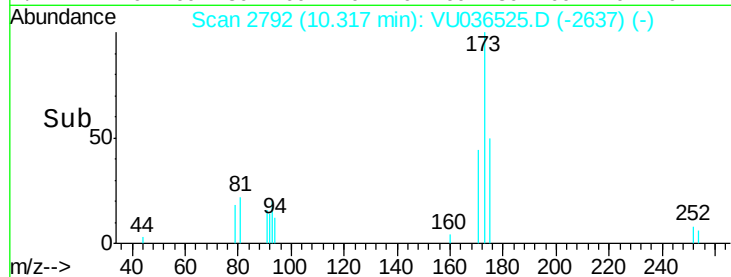
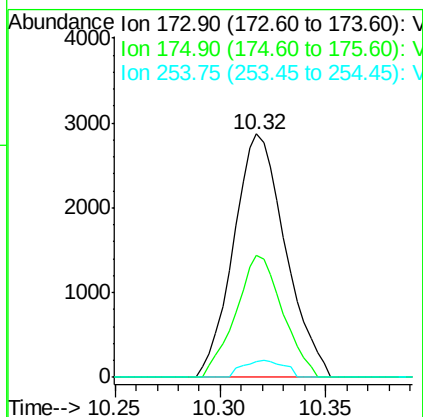
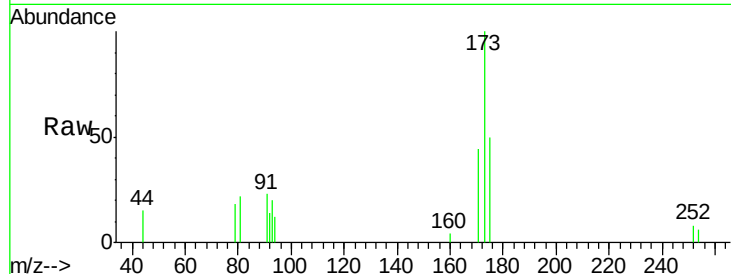
#67
Bromoform
Concen: 1.092 ug/l
RT: 10.32 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.4	38.3	57.5
254	5.5	6.6	9.8

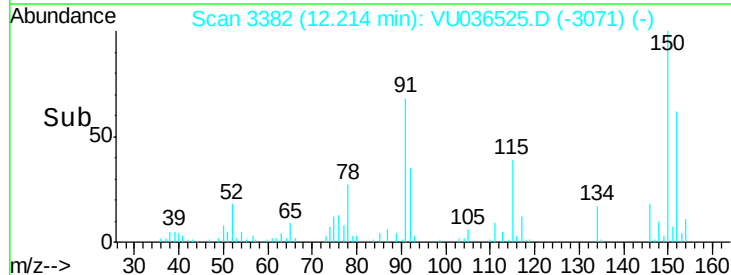
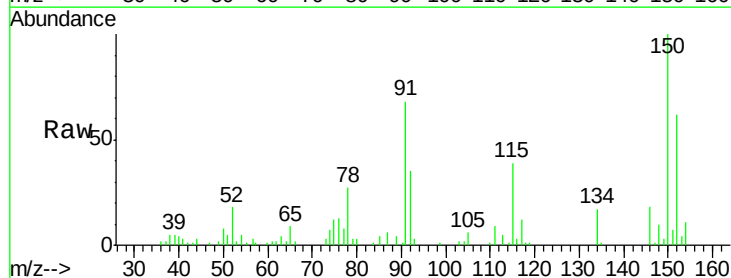
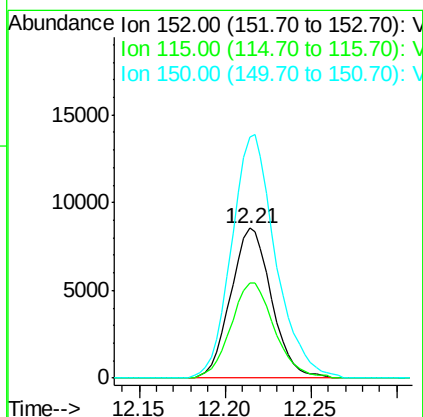
Manual Integrations
APPROVED

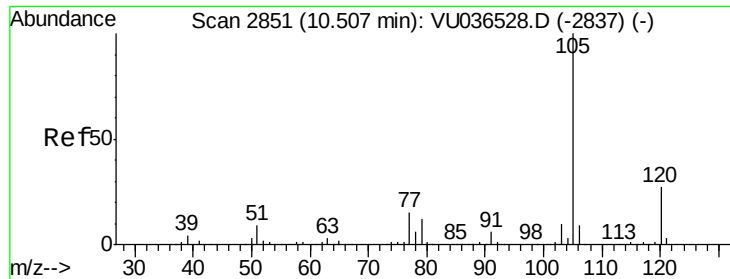
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#68
1,2-Dichlorobenzene-d4
Concen: 1.115 ug/l
RT: 12.21 min Scan# 3382
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.6	0.0	241.8
150	174.3	0.0	652.4





#69

Isopropylbenzene

Concen: 0.997 ug/l

RT: 10.51 min Scan# 2851

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 49761

Ion Ratio Lower Upper

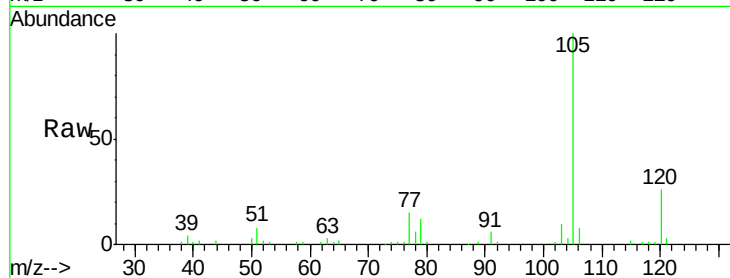
105 100

120 26.8 13.6 40.7

Manual Integrations
APPROVED

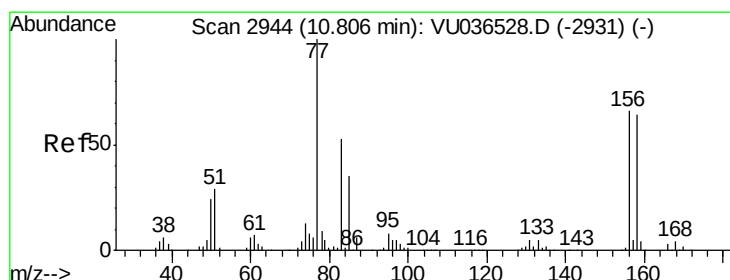
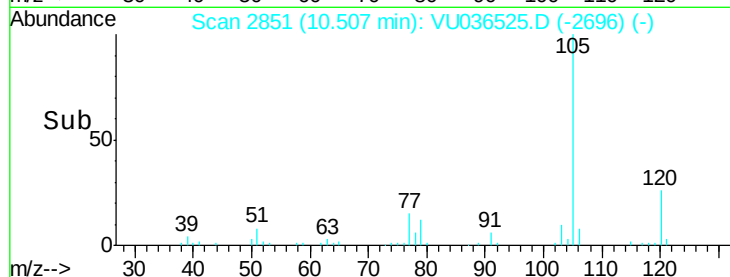
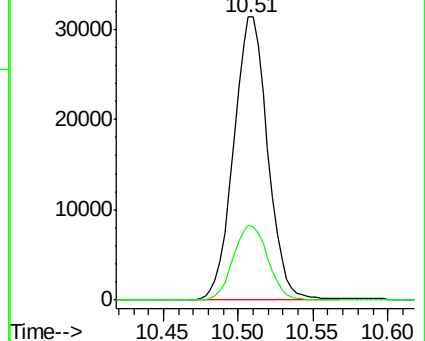
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 0.881 ug/l

RT: 10.81 min Scan# 2945

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

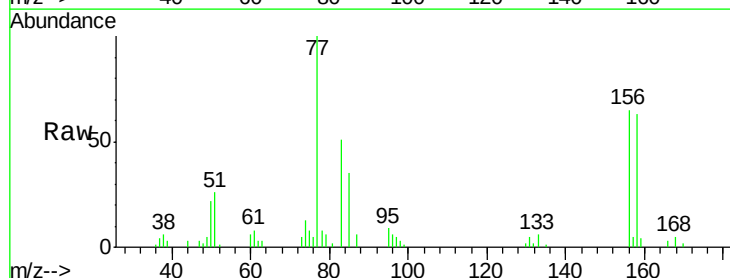
Tgt Ion: 83 Resp: 9172

Ion Ratio Lower Upper

83 100

131 10.2 7.8 11.8

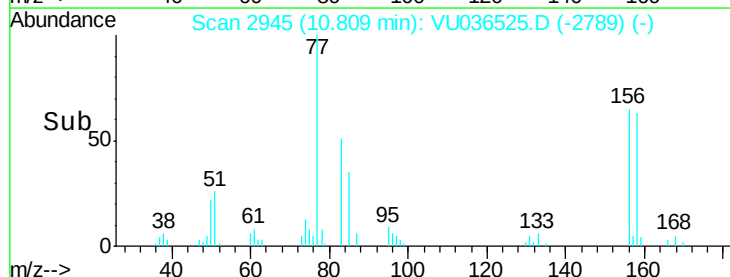
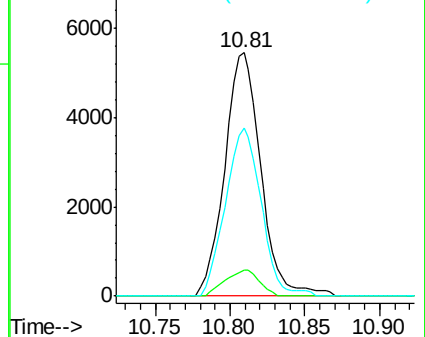
85 68.3 53.2 79.8

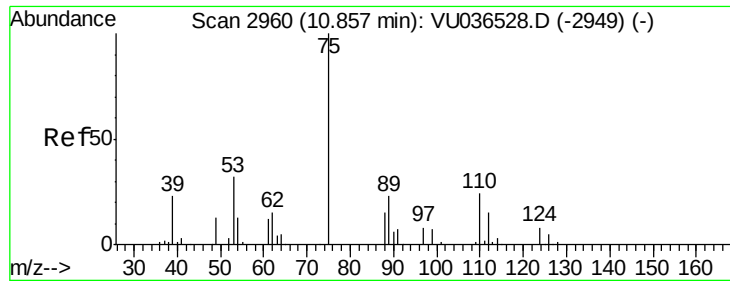


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





#71

1,2,3-Trichloropropane

Concen: 0.876 ug/l m

RT: 10.85 min Scan# 2958

Delta R.T. -0.01 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

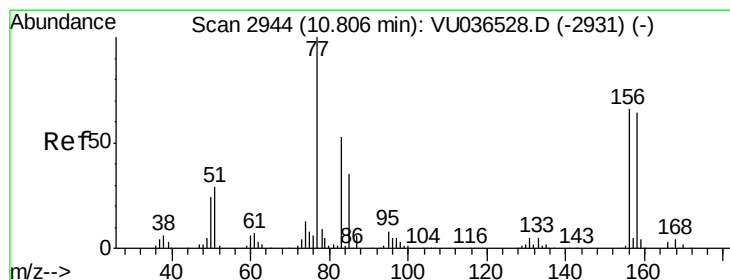
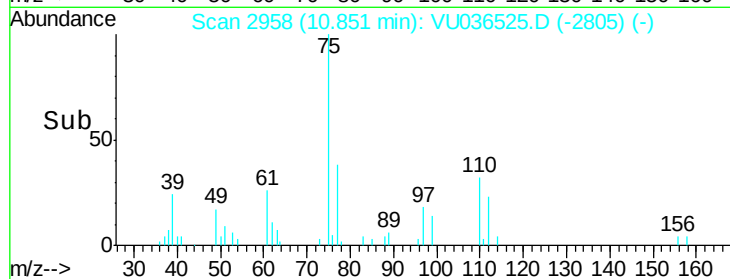
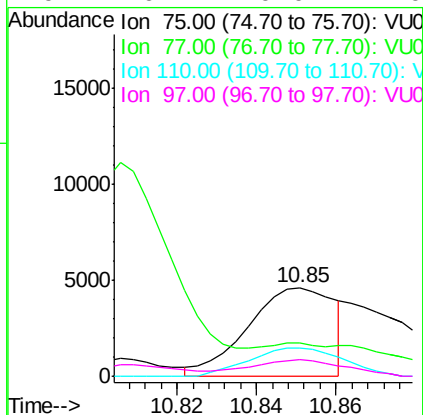
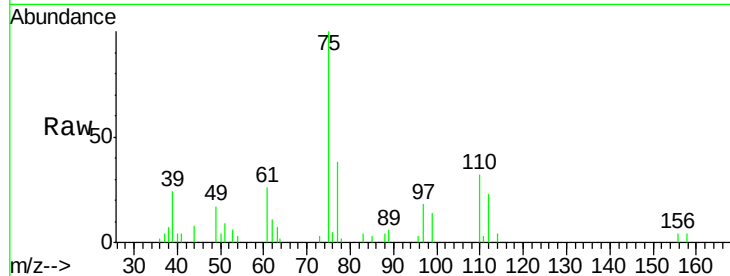
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	6957
Ion	Ratio	Lower	Upper
75	100		
77	34.3	0.0	129.6
110	34.5	0.0	77.4
97	20.1	0.0	42.0

Manual Integrations
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#72

Bromobenzene

Concen: 1.127 ug/l

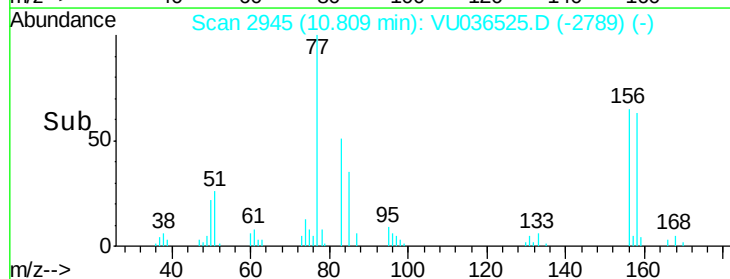
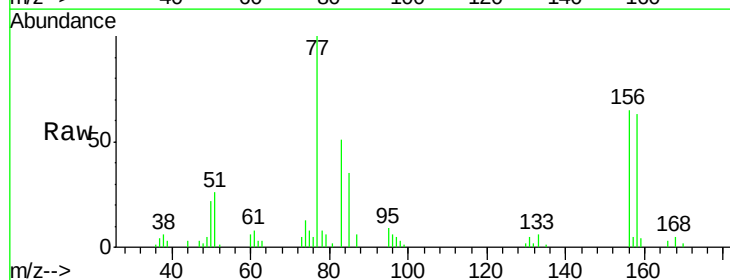
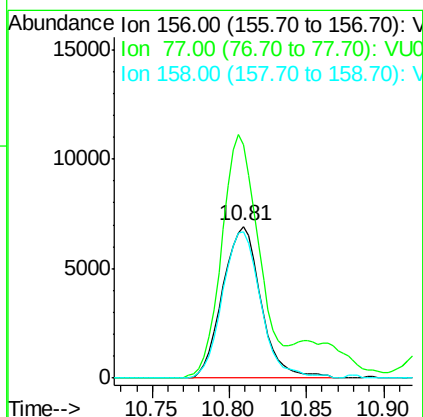
RT: 10.81 min Scan# 2945

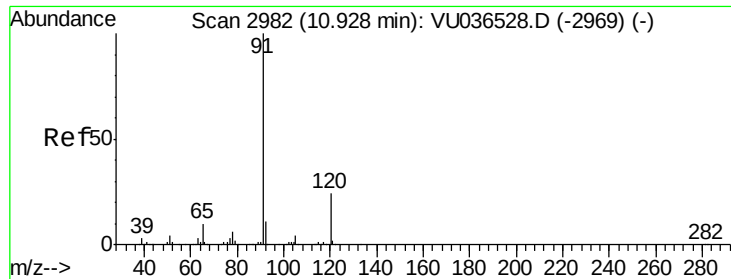
Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Tgt Ion:	156	Resp:	11910
Ion	Ratio	Lower	Upper
156	100		
77	156.8	0.0	306.6
158	96.5	0.0	192.0





#73

n-propylbenzene

Concen: 1.014 ug/l

RT: 10.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:120 Resp: 13573

Ion Ratio Lower Upper

120 100

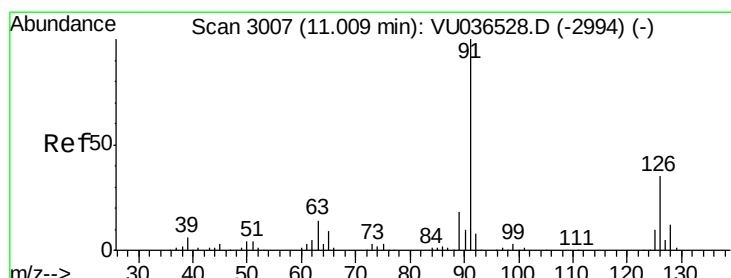
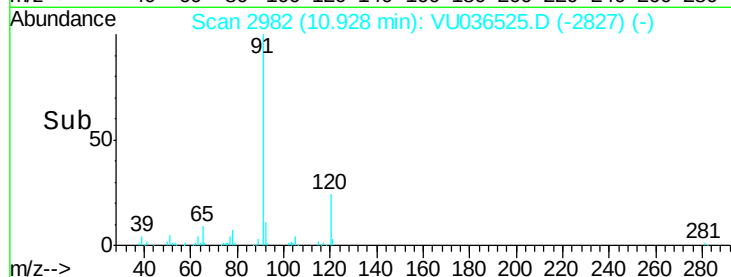
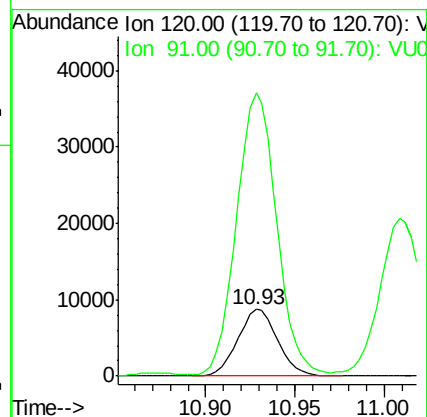
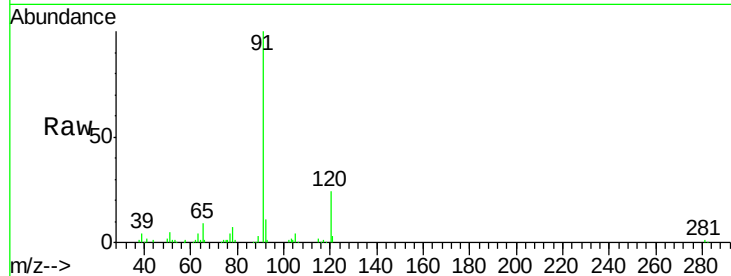
91 422.7 329.5 494.3

Manual Integrations

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1/23/2020 3:21:25 PM



#74

2-Chlorotoluene

Concen: 1.039 ug/l

RT: 11.01 min Scan# 3007

Delta R.T. -0.00 min

Lab File: VU036525.D

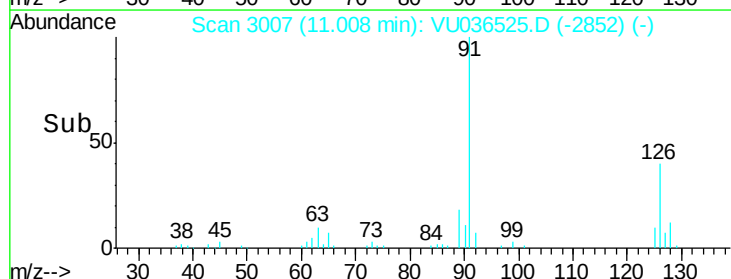
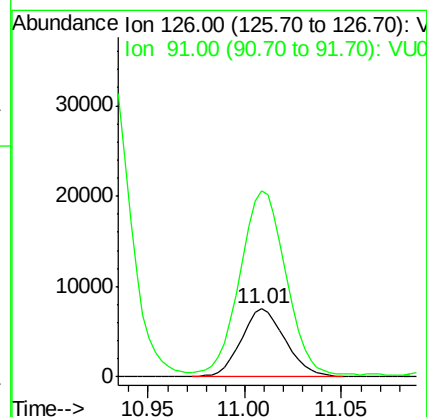
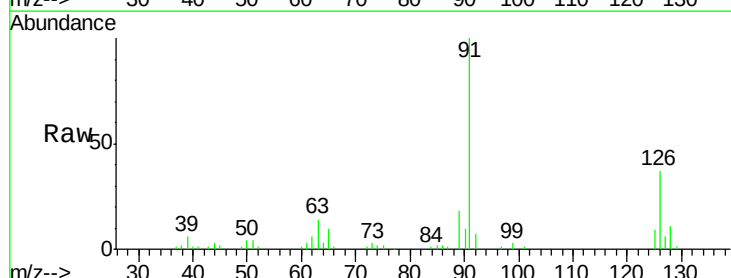
Acq: 22 Jan 2020 14:51

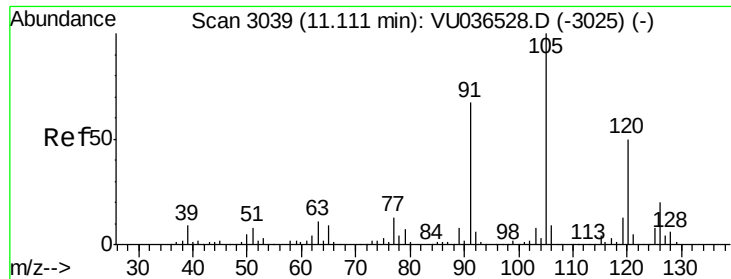
Tgt Ion:126 Resp: 11920

Ion Ratio Lower Upper

126 100

91 280.3 0.0 567.4





#75

1,3,5-Trimethylbenzene

Concen: 0.997 ug/l

RT: 11.11 min Scan# 3039

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 42224

Ion Ratio Lower Upper

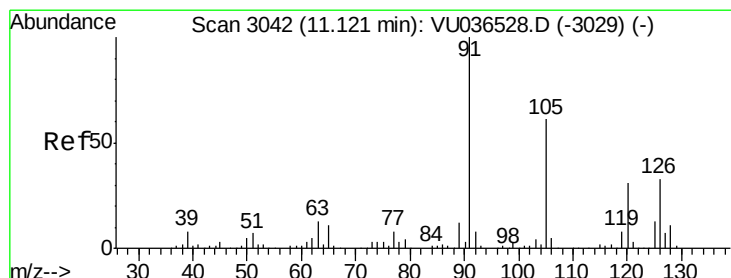
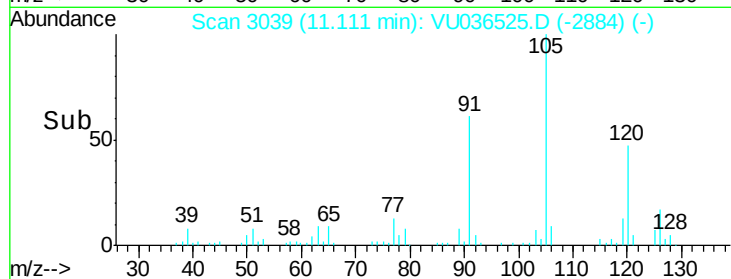
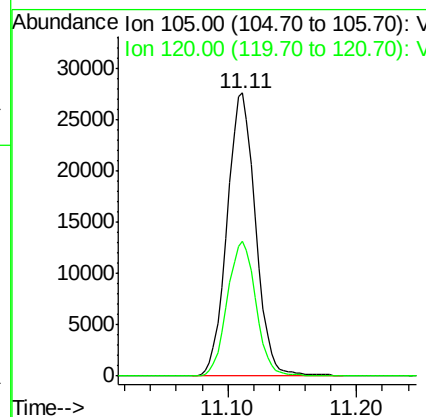
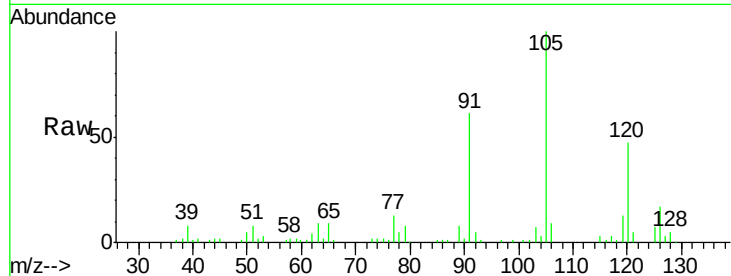
105 100

120 47.7 39.8 59.8

Manual Integrations
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#76

4-Chlorotoluene

Concen: 1.017 ug/l

RT: 11.12 min Scan# 3042

Delta R.T. -0.00 min

Lab File: VU036525.D

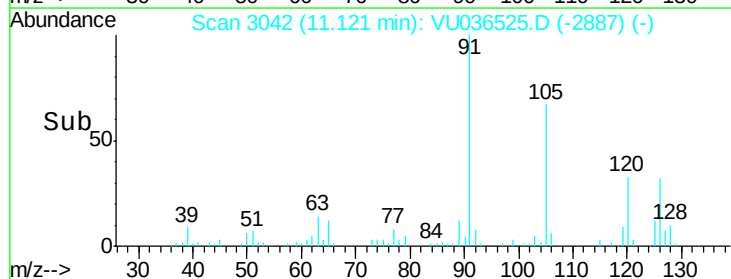
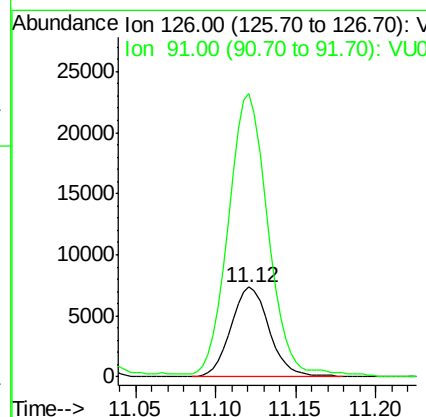
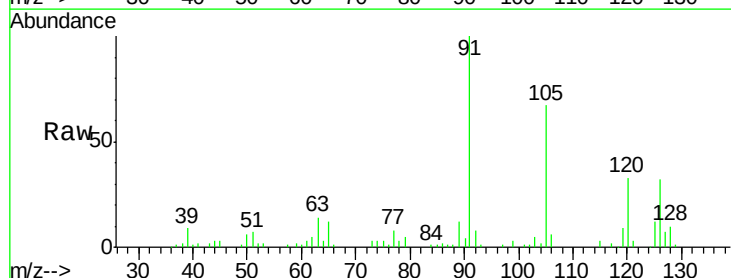
Acq: 22 Jan 2020 14:51

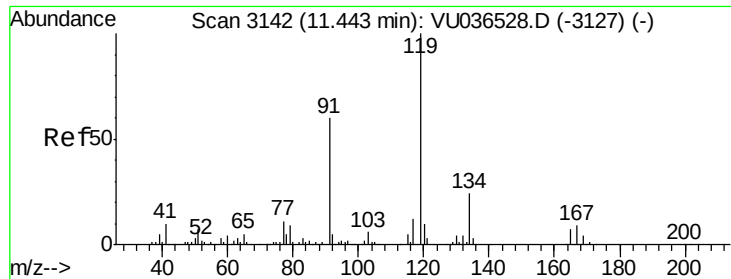
Tgt Ion:126 Resp: 12018

Ion Ratio Lower Upper

126 100

91 331.0 0.0 633.0





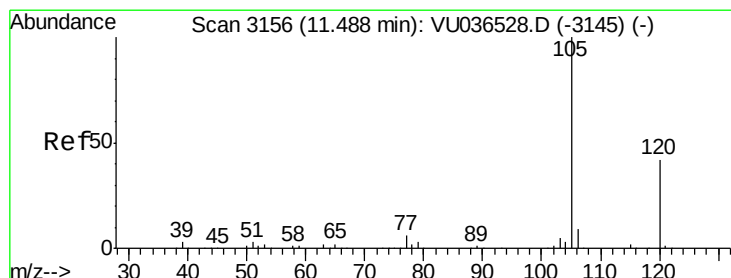
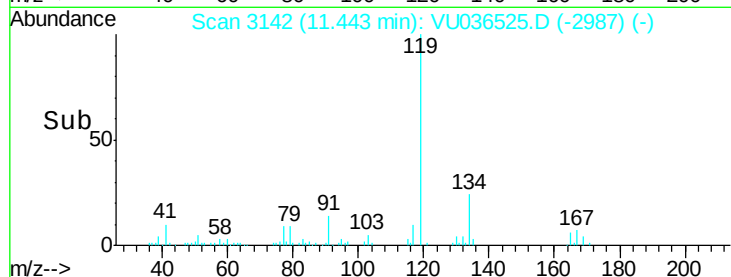
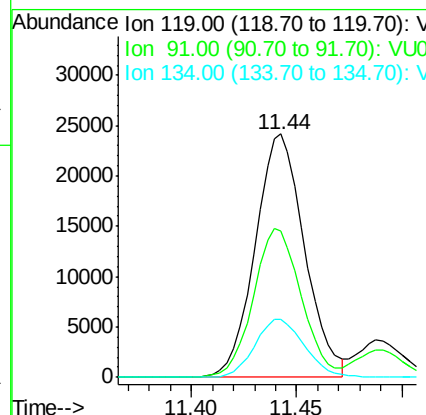
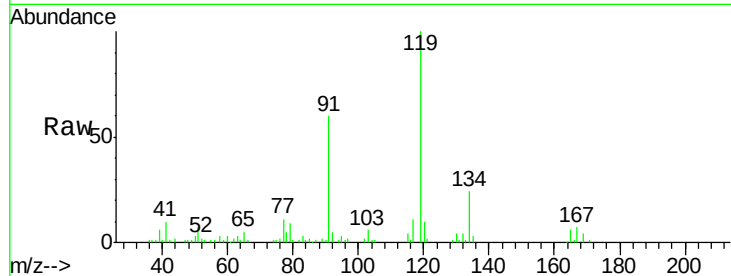
#77
 tert-Butylbenzene
 Concen: 0.967 ug/l
 RT: 11.44 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.3	29.3	87.8
134	23.8	19.0	28.4

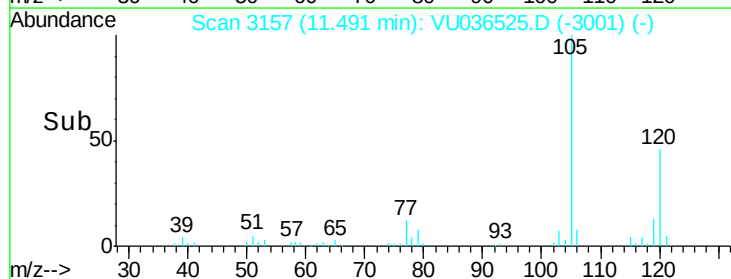
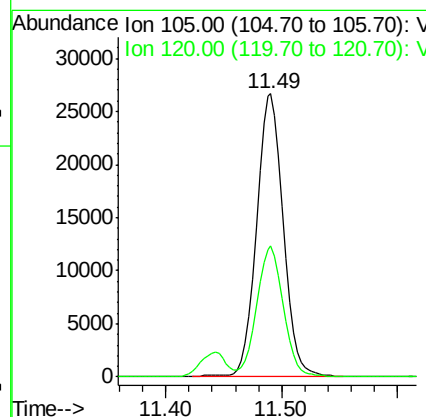
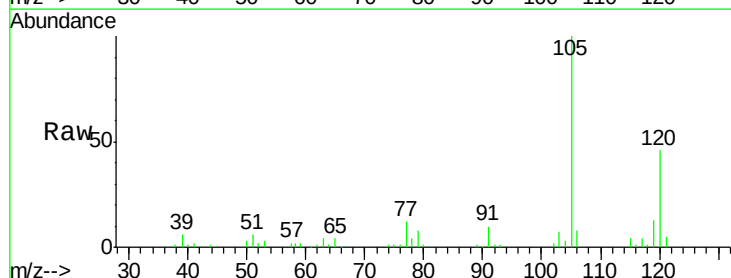
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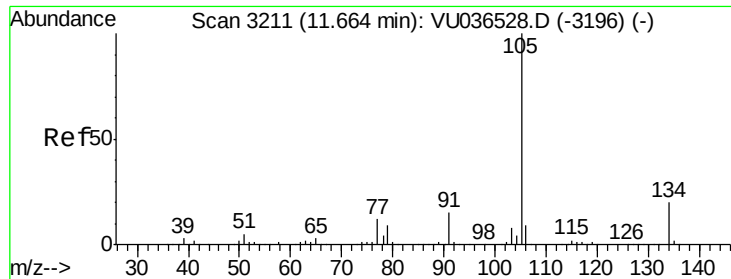
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#78
 1,2,4-Trimethylbenzene
 Concen: 0.984 ug/l
 RT: 11.49 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.3	69.8





#79

sec-Butylbenzene

Concen: 0.989 ug/l

RT: 11.66 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 105 Resp: 55715

Ion Ratio Lower Upper

105 100

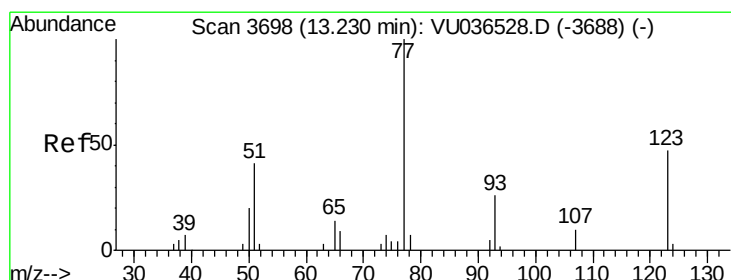
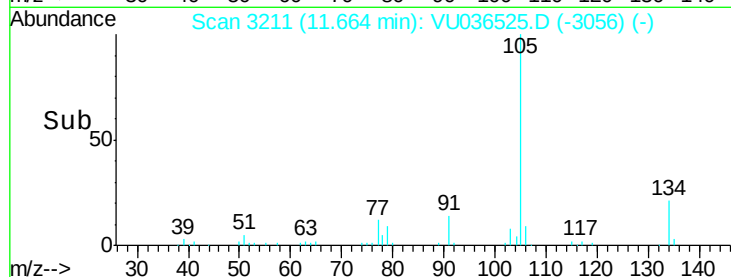
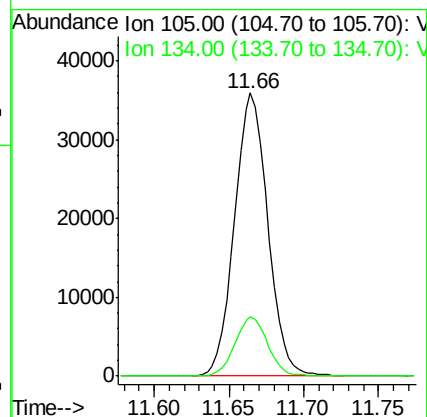
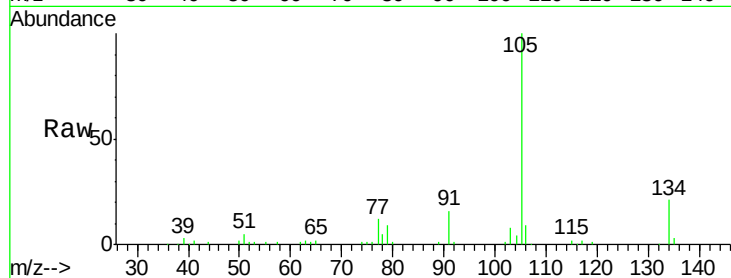
134 20.5 16.0 24.0

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1/23/2020 3:21:25 PM



#80

Nitrobenzene

Concen: 2.355 ug/l

RT: 13.23 min Scan# 3699

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

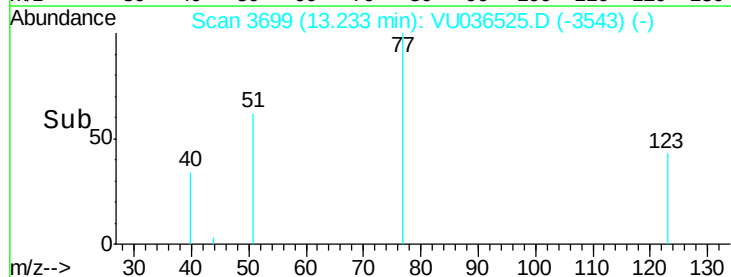
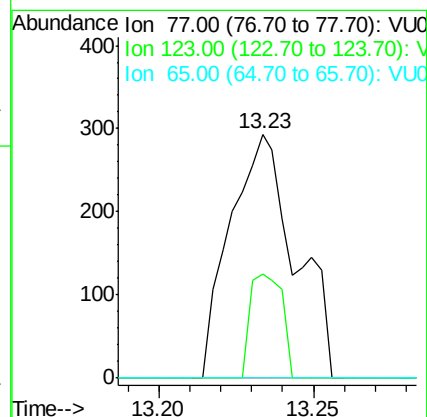
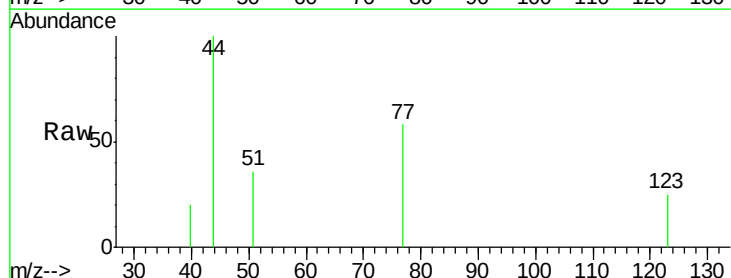
Tgt Ion: 77 Resp: 430

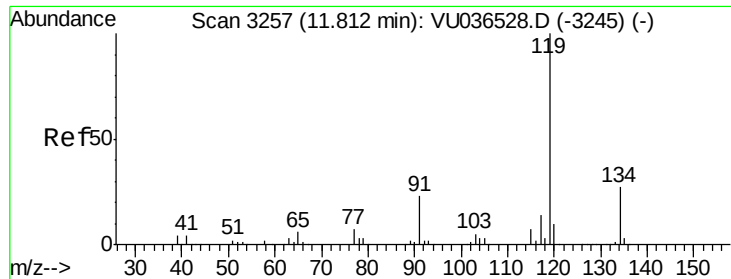
Ion Ratio Lower Upper

77 100

123 20.9 19.6 69.6

65 0.0 12.7 16.1#





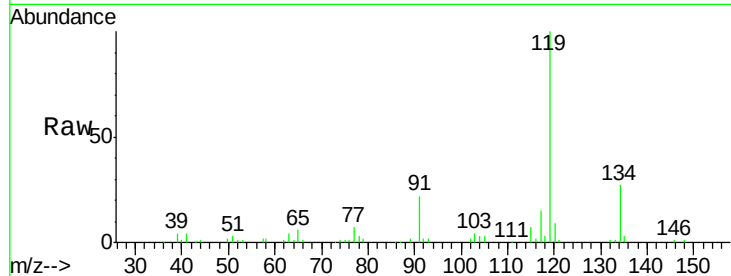
#81
 p-Isopropyltoluene
 Concen: 1.035 ug/l
 RT: 11.81 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

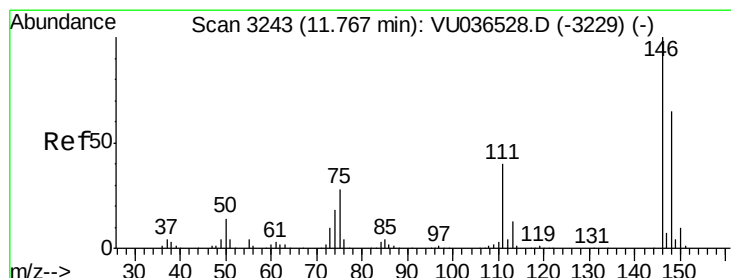
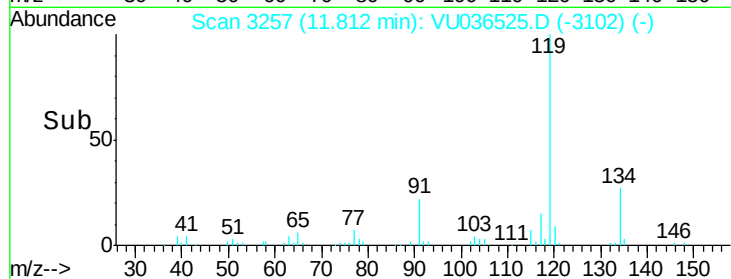
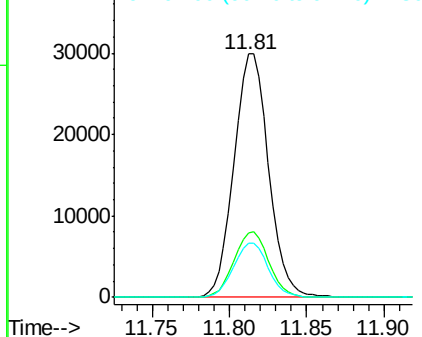
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	21.4	32.0
91	22.4	18.3	27.5

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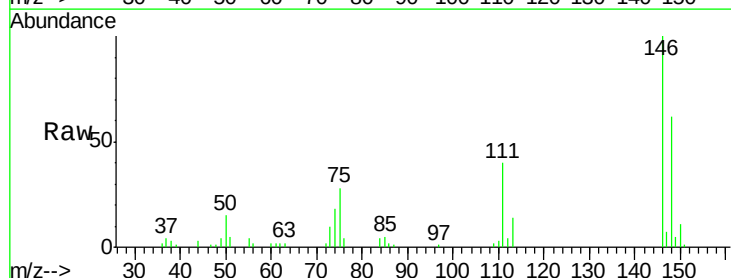


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

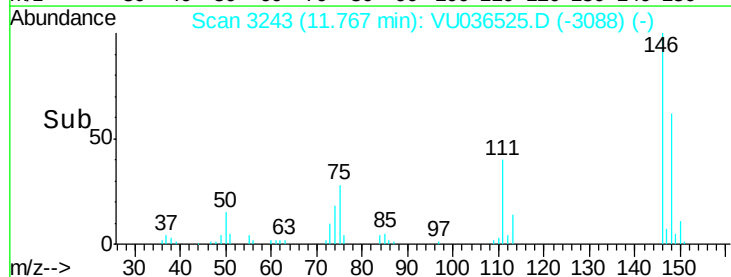
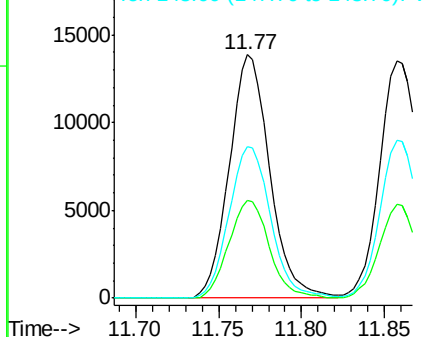


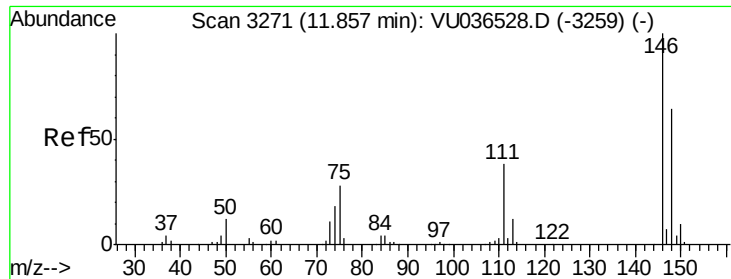
#82
 1,3-Dichlorobenzene
 Concen: 1.064 ug/l
 RT: 11.77 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	32.2	48.2
148	64.1	51.4	77.2



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





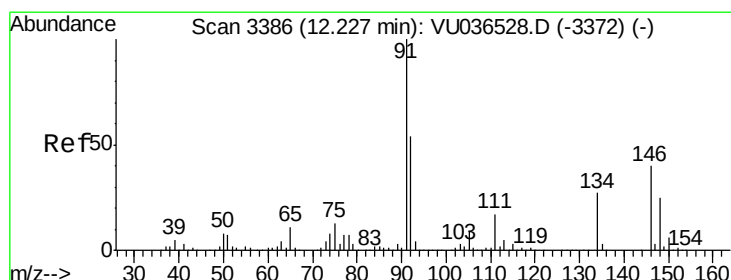
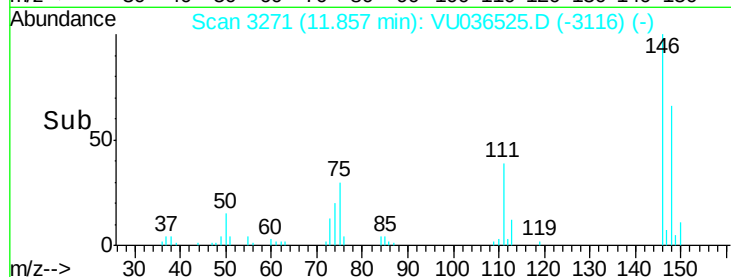
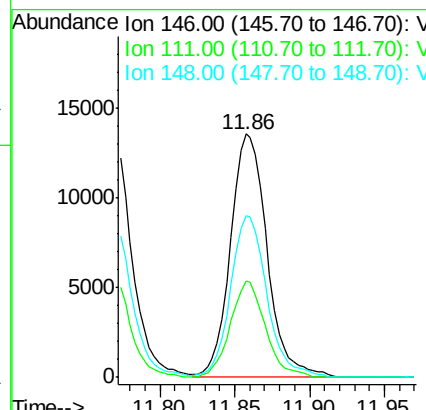
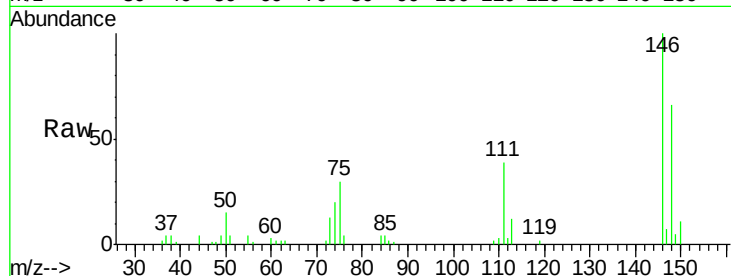
#83
 1,4-Dichlorobenzene
 Concen: 1.057 ug/l
 RT: 11.86 min Scan# 3271
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	30.5	45.7
148	65.8	51.0	76.4

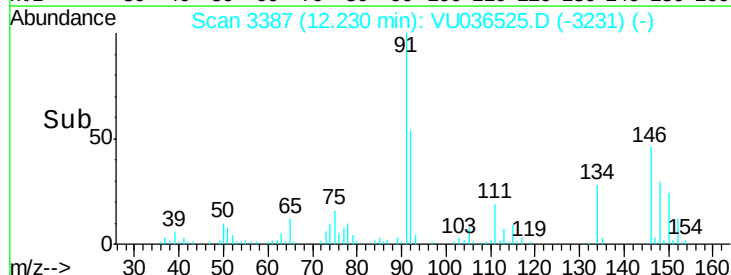
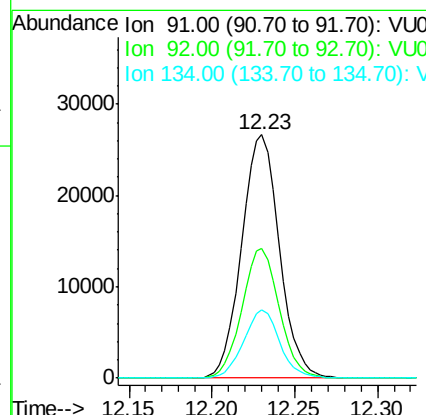
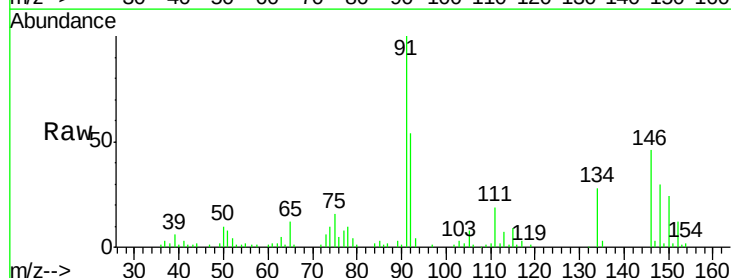
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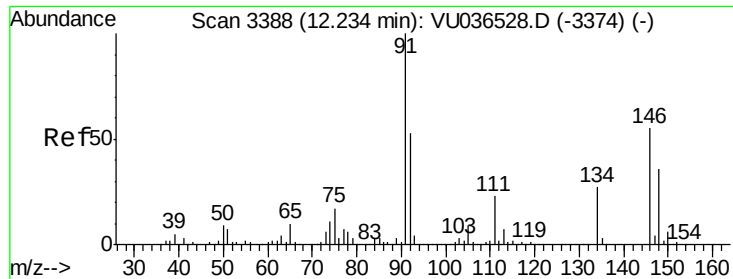
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 1/23/2020 3:21:25 PM



#84
 n-Butylbenzene
 Concen: 0.893 ug/l
 RT: 12.23 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	42.9	64.3
134	26.6	21.4	32.0





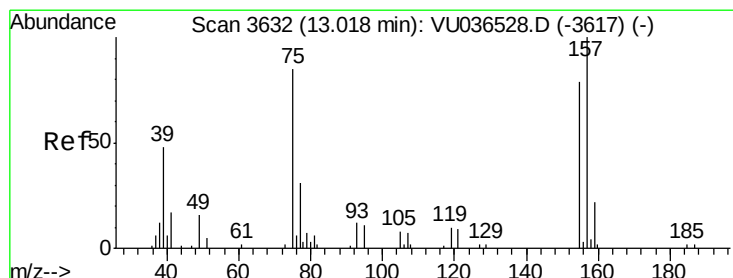
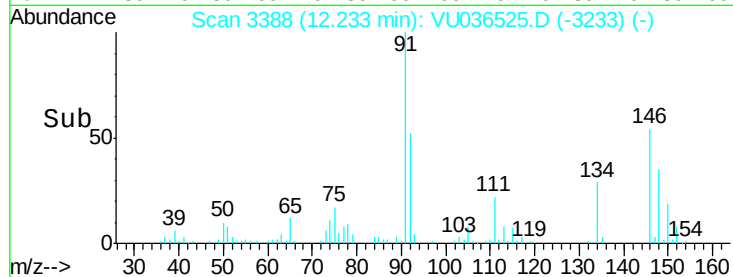
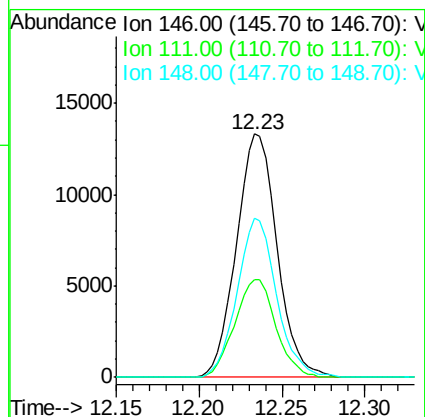
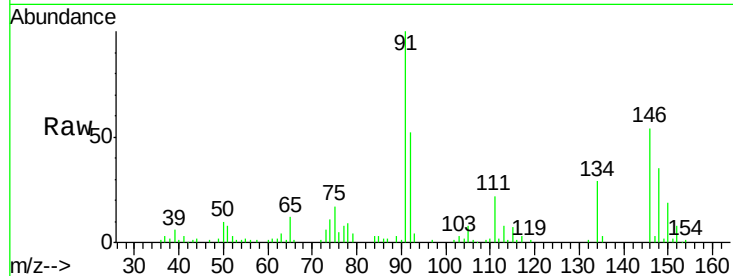
#85
 1,2-Dichlorobenzene
 Concen: 1.084 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.8	62.4
148	63.2	32.0	96.2

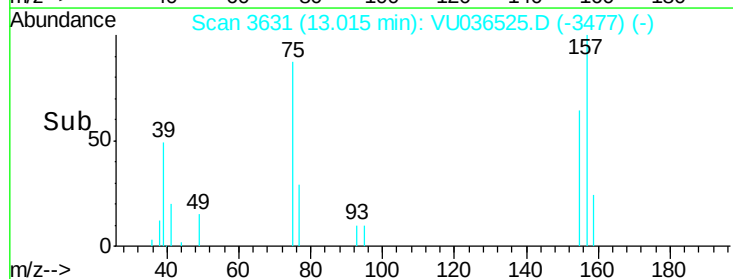
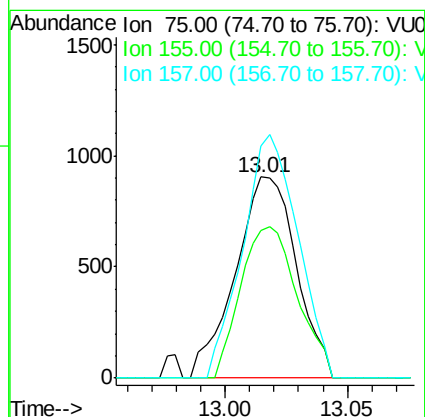
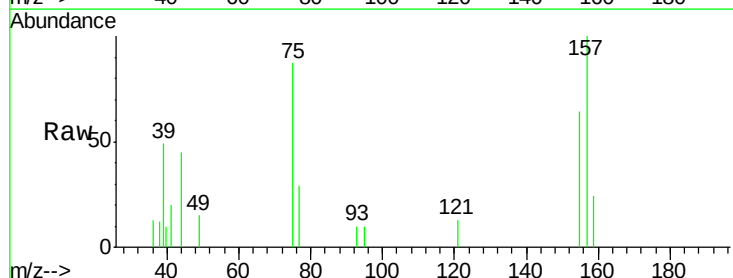
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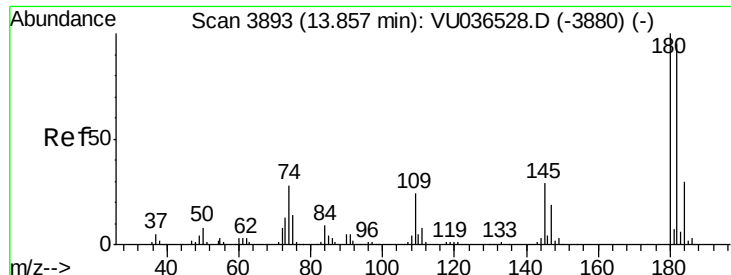
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 1/23/2020 3:21:25 PM



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.829 ug/l
 RT: 13.01 min Scan# 3631
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.8	71.8	107.8#
157	109.6	92.4	138.6





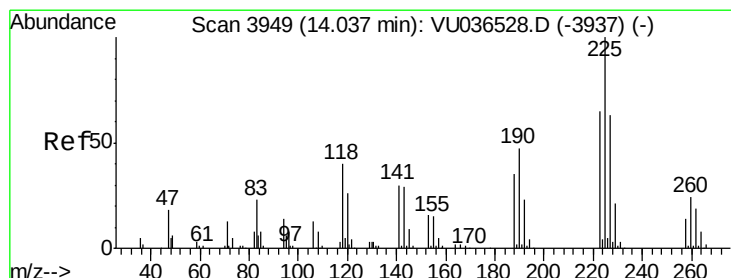
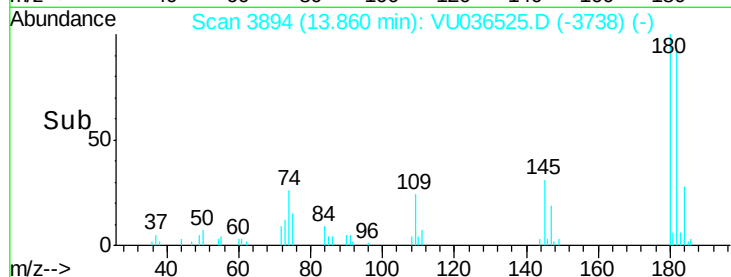
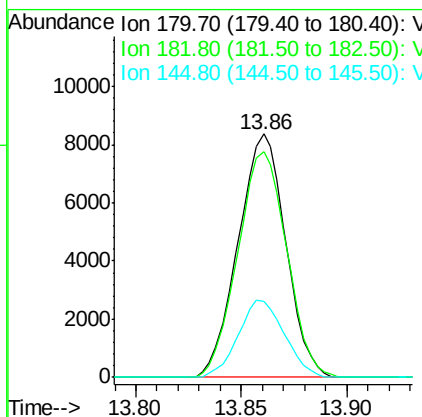
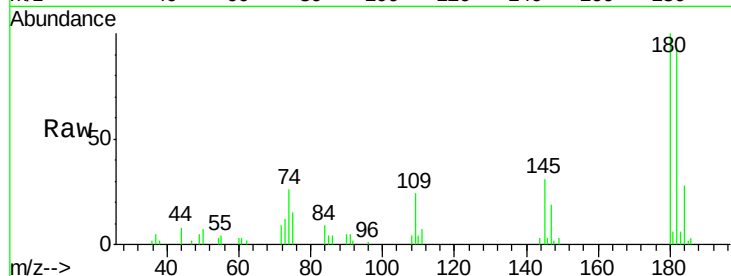
#87
 1,2,4-Trichlorobenzene
 Concen: 0.985 ug/l
 RT: 13.86 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.9	113.9
145	30.7	23.4	35.2

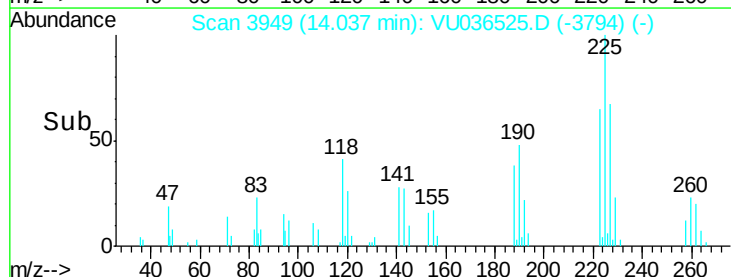
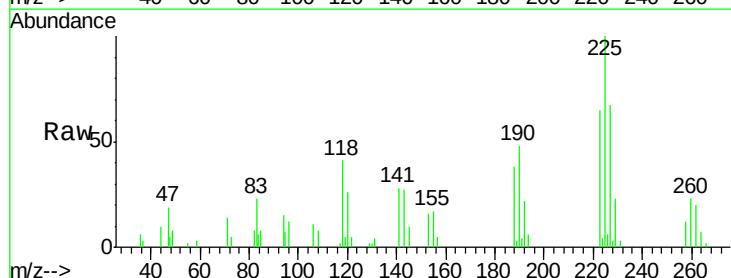
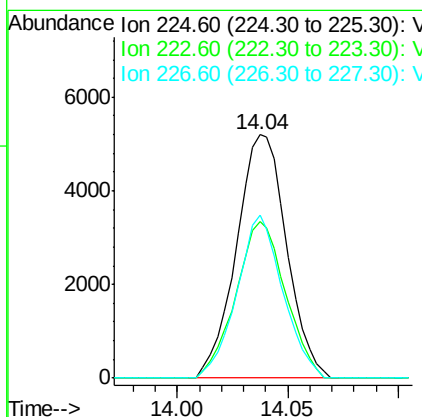
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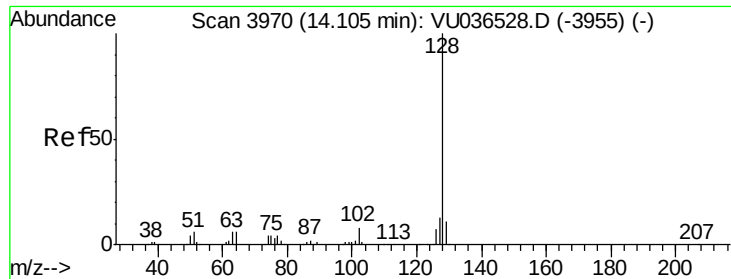
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#88
 Hexachlorobutadiene
 Concen: 1.312 ug/l
 RT: 14.04 min Scan# 3949
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.7	77.5
227	61.5	50.6	75.8





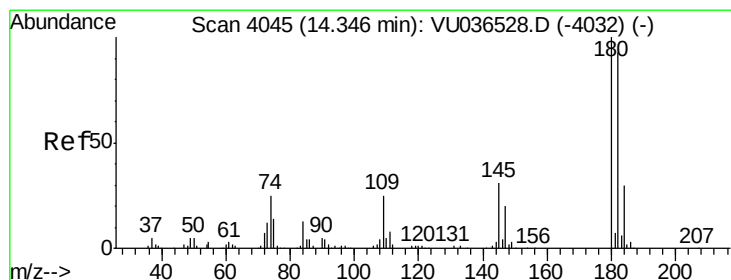
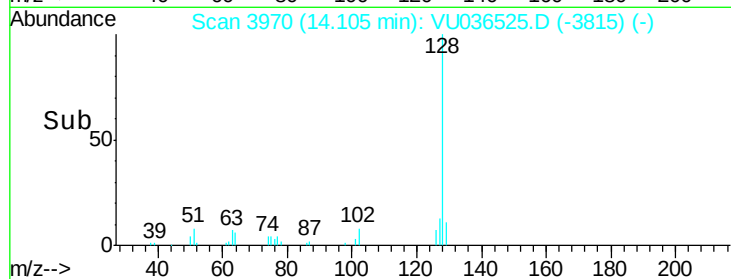
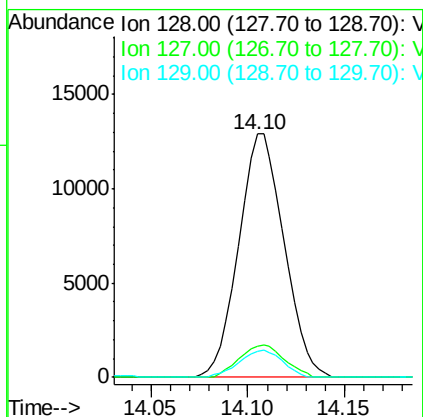
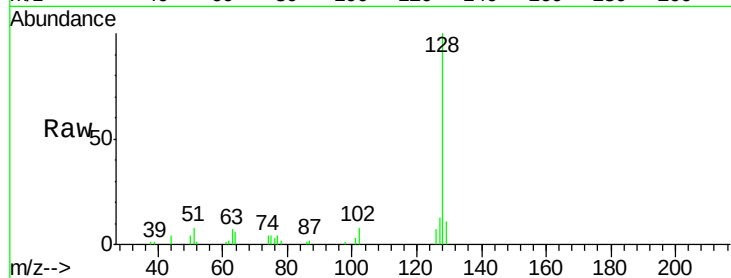
#89
Naphthalene
Concen: 0.796 ug/l
RT: 14.10 min Scan# 3970
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.6	8.7	13.1

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#90
1,2,3-Trichlorobenzene
Concen: 1.017 ug/l
RT: 14.35 min Scan# 4046
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.2	114.4
145	31.3	25.2	37.8

