

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U012320\
 Data File : VU036532.D
 Acq On : 23 Jan 2020 10:00
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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 1/27/2020 1:46:39 PM

Quant Time: Jan 24 01:01:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	37111	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	15311	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	14085	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
Target Compounds					Ovalue	
2) Dichlorodifluoromethane	1.39	85	126792	10.336	ug/l	99
3) Chloromethane	1.54	50	134861	10.254	ug/l	97
4) Vinyl Chloride	1.62	62	152739	10.254	ug/l	100
5) Bromomethane	1.87	94	86599	9.356	ug/l	99
6) Chloroethane	1.95	64	81294	9.212	ug/l	100
7) Trichlorofluoromethane	2.16	101	152107	10.335	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	93347	10.182	ug/l	99
9) 1,1-Dichloroethene	2.61	96	99711	10.217	ug/l	98
10) Iodomethane	2.75	142	128968	9.669	ug/l	99
11) Allyl Chloride	2.95	41	139032	10.304	ug/l	99
12) Acrylonitrile	3.37	53	47186	19.713	ug/l	97
13) Acetone	2.67	43	78569	48.441	ug/l	99
14) Carbon Disulfide	2.82	76	342054	10.120	ug/l	100
15) Methylene Chloride	3.08	84	113331	8.817	ug/l	99
16) trans-1,2-Dichloroethene	3.39	96	109504	10.172	ug/l	99
17) 1,1-Dichloroethane	3.91	63	180266	10.275	ug/l	99
18) 2-Butanone	4.78	43	124105	48.293	ug/l	99
19) Cyclohexane	5.42	56	165195m	10.302	ug/l	
20) Methylcyclohexane	6.79	83	188016	10.502	ug/l	99
21) 2,2-Dichloropropane	4.71	77	158330	10.572	ug/l	99
22) cis-1,2-Dichloroethene	4.71	96	112830	10.102	ug/l	98
23) Diethyl Ether	2.40	59	75809	10.056	ug/l	98
24) tert-Butyl Alcohol	3.28	59	67484	100.165	ug/l	100
25) Methyl tert-Butyl Ether	3.41	73	260701	10.194	ug/l	99
26) Bromochloromethane	5.02	128	49750	10.284	ug/l	98
27) Chloroform	5.13	83	177419	10.225	ug/l	100
28) 1,1,1-Trichloroethane	5.36	97	149866	10.300	ug/l	99
29) 1,1-Dichloropropene	5.57	75	144889	10.203	ug/l	100
30) Carbon Tetrachloride	5.56	117	128027	10.276	ug/l	98
31) Isopropyl Ether	4.05	45	277706	10.428	ug/l	99
32) Ethyl-t-butyl ether	4.56	59	285506	10.247	ug/l	99
33) Tert-Amyl methyl ether	5.99	73	260910	10.227	ug/l	100
34) Propionitrile	4.84	54	38218	51.593	ug/l	98
35) Benzene	5.81	78	415505	10.104	ug/l	99
36) 1,2-Dichloroethane	5.84	62	113023	10.210	ug/l	100
37) Trichloroethene	6.58	130	113348	9.984	ug/l	99
38) 1,2-Dichloropropane	6.83	63	105216	10.177	ug/l	99
39) Methacrylonitrile	5.03	41	32735	10.515	ug/l	98
40) Methyl acrylate	4.90	55	55683	11.285	ug/l	99
41) Tetrahydrofuran	5.12	42	32717	19.289	ug/l	99
42) 1-Chlorobutane	5.50	56	186578	10.141	ug/l	98

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Manual Integrations
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Quant Time: Jan 24 01:01:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	55064	10.204	ug/l	99
44) Bromodichloromethane	7.14	83	130614	10.233	ug/l	100
45) 4-Methyl-2-Pentanone	7.84	43	302198	49.705	ug/l	100
46) t-1,4-Dichloro-2-butene	10.86	75	55916m	20.884	ug/l	
47) Methyl methacrylate	7.00	69	105793	20.006	ug/l	99
48) Ethyl methacrylate	8.37	69	106751	10.451	ug/l	99
49) Toluene	8.00	92	264702	10.084	ug/l	99
50) t-1,3-Dichloropropene	8.24	75	137384	10.801	ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	162606	10.548	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	76346	9.972	ug/l	99
53) 1,3-Dichloropropane	8.61	76	132585	10.103	ug/l	98
54) 2-Hexanone	8.72	43	214035	50.198	ug/l	98
55) Dibromochloromethane	8.84	129	92495	10.493	ug/l	97
56) 1,2-Dibromoethane	8.95	107	75000	10.173	ug/l	99
58) Tetrachloroethene	8.58	164	100719	8.876	ug/l	99
59) Chlorobenzene	9.47	112	298203	10.199	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	95170	10.191	ug/l	98
61) Pentachloroethane	11.45	117	77748	12.905	ug/l	100
62) Hexachloroethane	12.50	117	78620	10.239	ug/l	99
63) Ethyl Benzene	9.60	91	504761	10.301	ug/l	98
64) m/p-Xylenes	9.72	106	395015	20.365	ug/l	100
65) o-Xylene	10.12	106	191369	10.189	ug/l	99
66) Styrene	10.14	104	322707	10.260	ug/l	100
67) Bromoform	10.32	173	52826	10.466	ug/l	99
69) Isopropylbenzene	10.51	105	503824	10.211	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	99382	10.288	ug/l	97
71) 1,2,3-Trichloropropane	10.85	75	65996m	9.575	ug/l	
72) Bromobenzene	10.81	156	122686	10.320	ug/l	100
73) n-propylbenzene	10.93	120	144240	10.419	ug/l	99
74) 2-Chlorotoluene	11.01	126	119283	10.031	ug/l	98
75) 1,3,5-Trimethylbenzene	11.11	105	428534	10.126	ug/l	100
76) 4-Chlorotoluene	11.12	126	124646	10.145	ug/l	97
77) tert-Butylbenzene	11.44	119	416342	10.382	ug/l	99
78) 1,2,4-Trimethylbenzene	11.49	105	441457	10.117	ug/l	99
79) sec-Butylbenzene	11.66	105	564241	10.142	ug/l	100
80) Nitrobenzene	13.23	77	6211	44.806	ug/l	95
81) p-Isopropyltoluene	11.81	119	477388	10.266	ug/l	100
82) 1,3-Dichlorobenzene	11.77	146	238878	10.044	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	237240	9.980	ug/l	99
84) n-Butylbenzene	12.23	91	453045	10.535	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	224967	9.885	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	16148	9.876	ug/l	98
87) 1,2,4-Trichlorobenzene	13.86	180	157209	10.799	ug/l	99
88) Hexachlorobutadiene	14.04	225	80180	10.049	ug/l	100
89) Naphthalene	14.10	128	274046	10.926	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	142299	10.393	ug/l	100

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

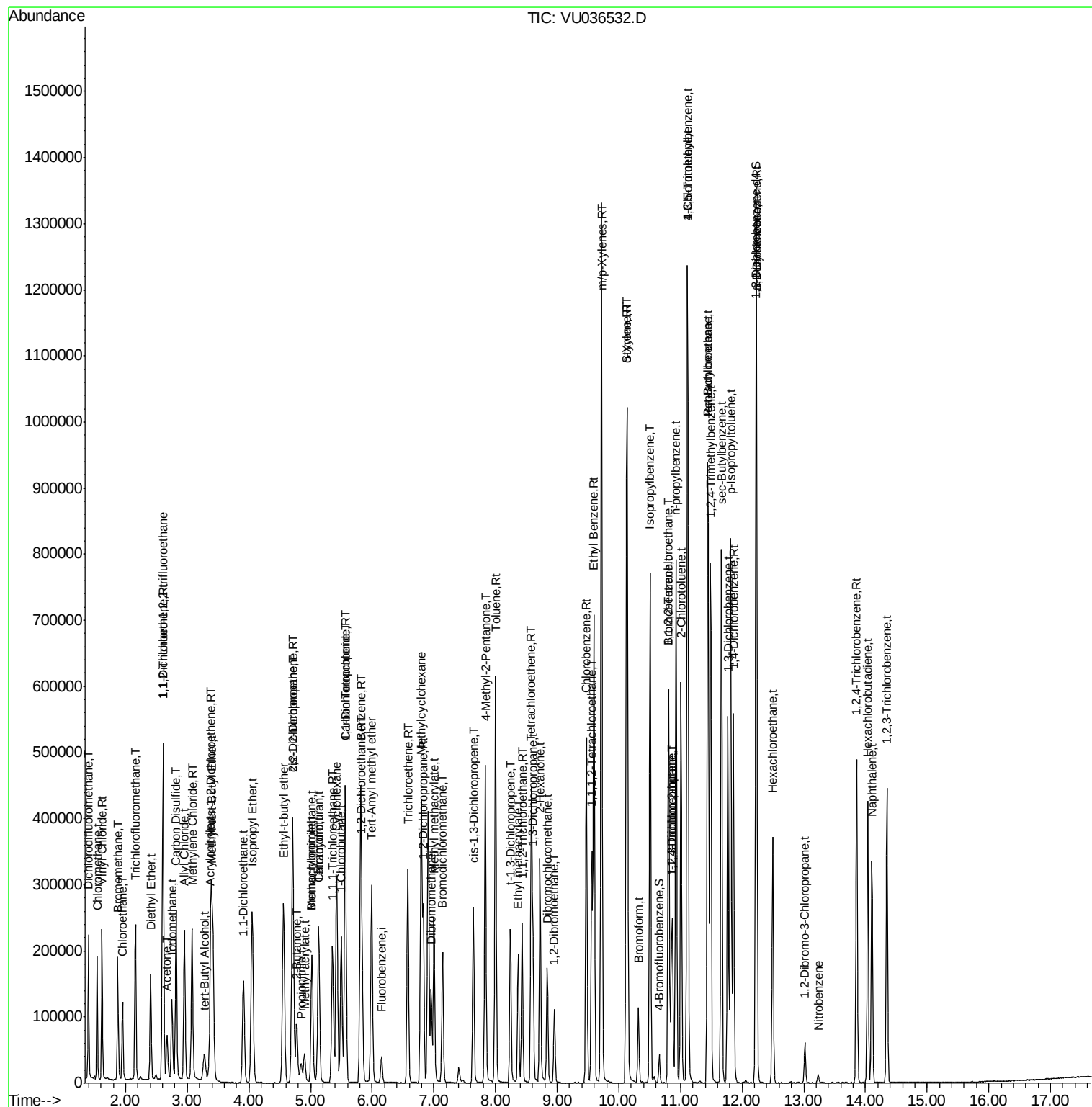
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012320\
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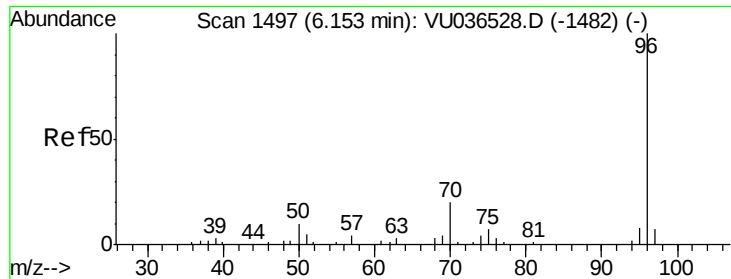
Instrument :
MSVOA_U
ClientSampleID :
VSTDCCC010

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Quant Time: Jan 24 01:01:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jan 23 08:59:25 2020
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

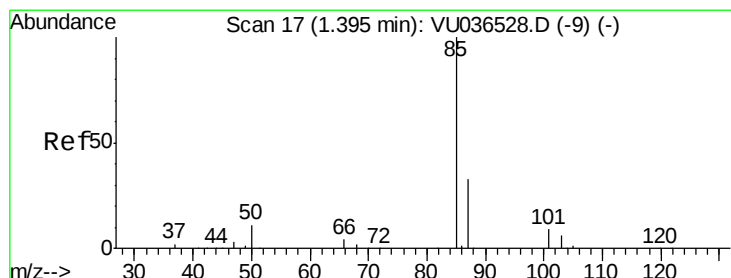
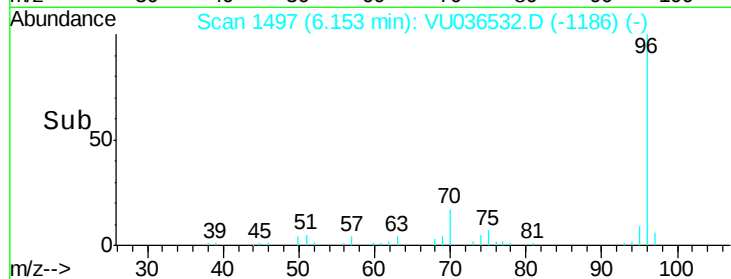
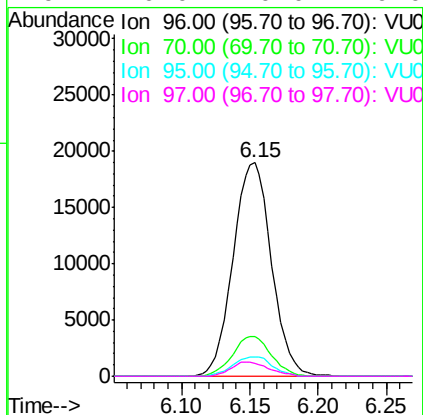
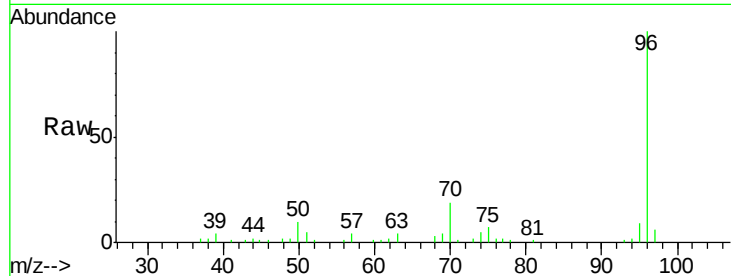
ClientSampleId :

VSTDCCC010

Tot Ion:	96	Resp:	37111
Ion Ratio	Lower	Upper	
96	100		
70	18.8	15.6	23.4
95	9.3	7.0	10.6
97	0.0	0.0	0.0

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#2

Dichlorodifluoromethane

Concen: 10.336 ug/l

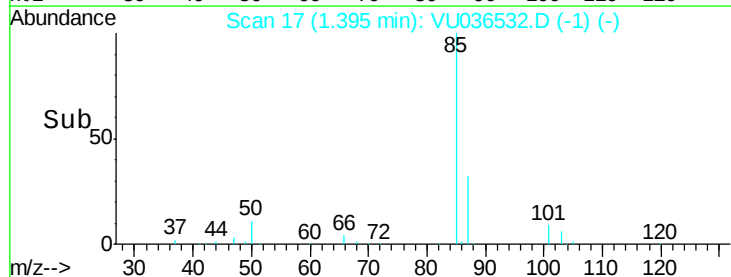
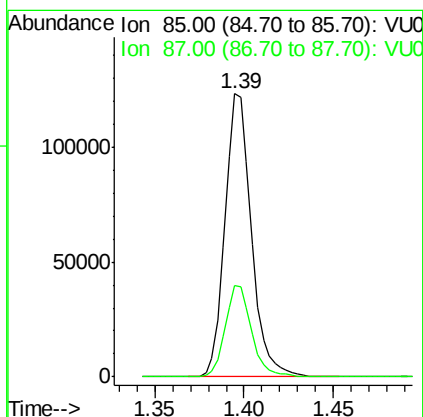
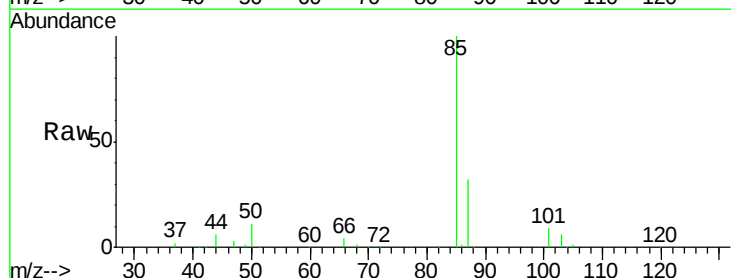
RT: 1.39 min Scan# 17

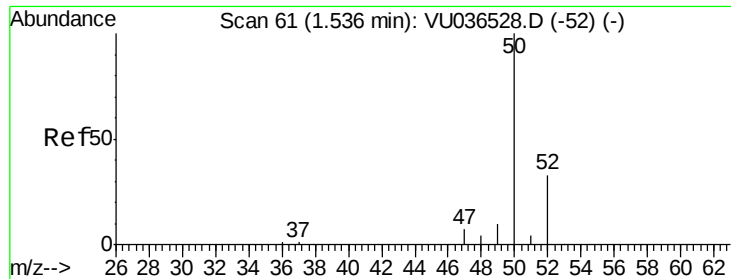
Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Tgt Ion:	85	Resp:	126792
Ion Ratio	Lower	Upper	
85	100		
87	32.2	16.4	49.2





#3

Chloromethane

Concen: 10.254 ug/l

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 50 Resp: 134861

Ion Ratio Lower Upper

50 100

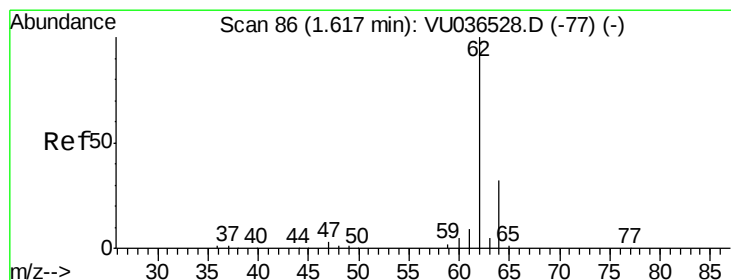
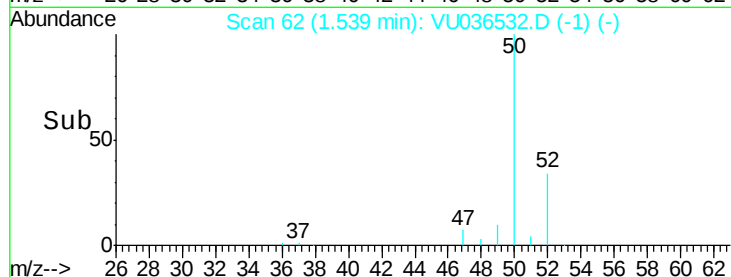
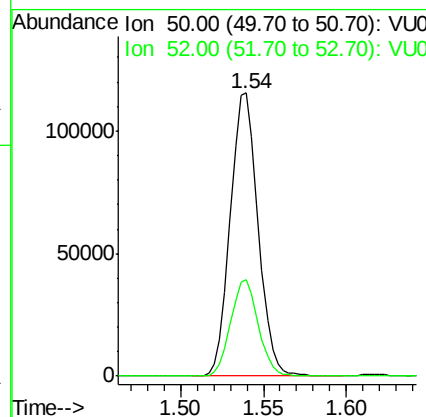
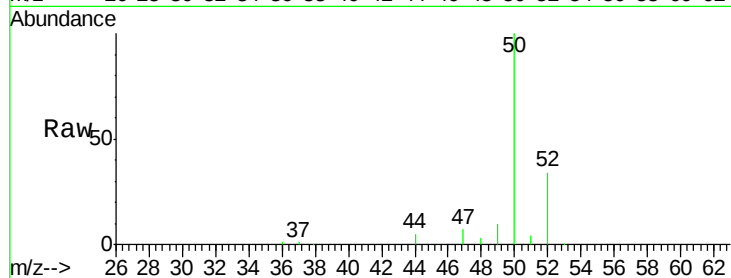
52 34.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 10.254 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU036532.D

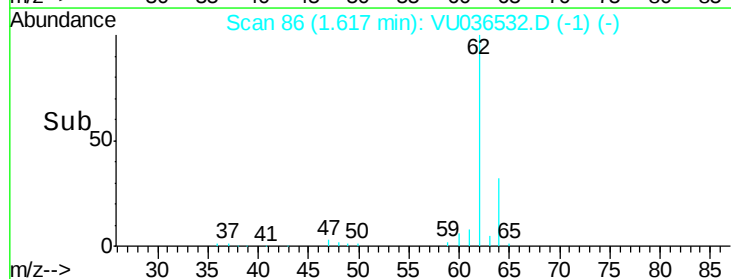
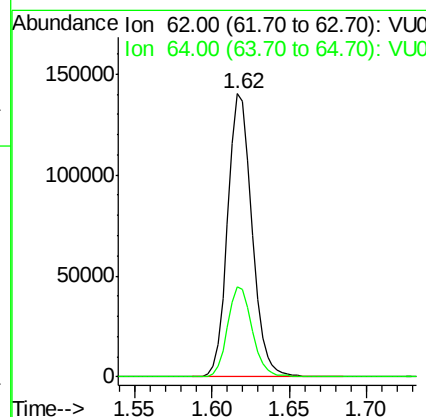
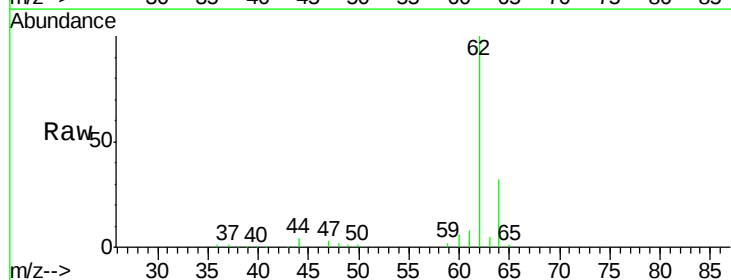
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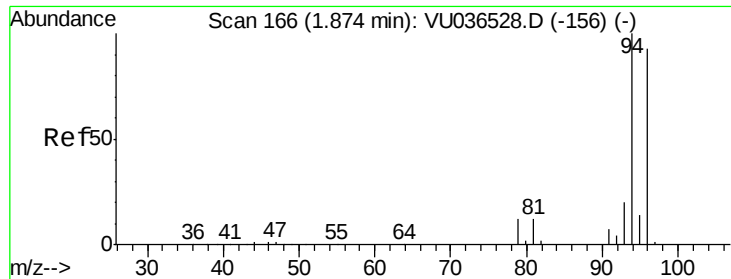
Tgt Ion: 62 Resp: 152739

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





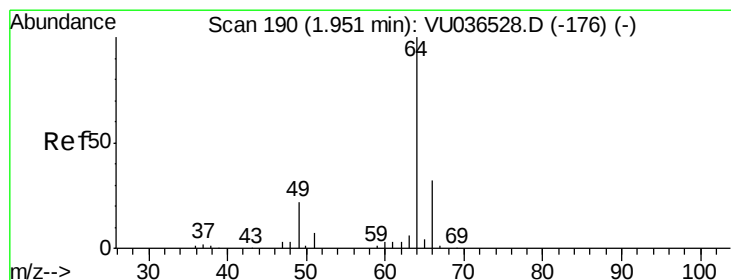
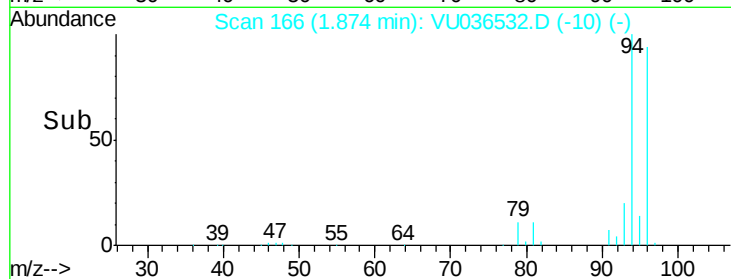
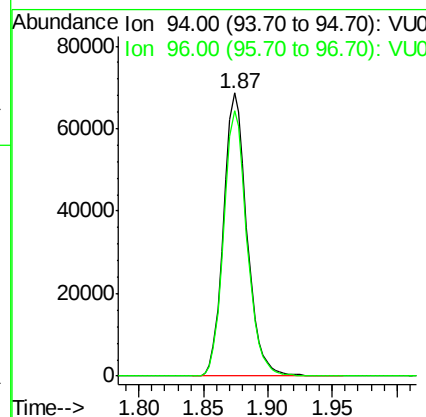
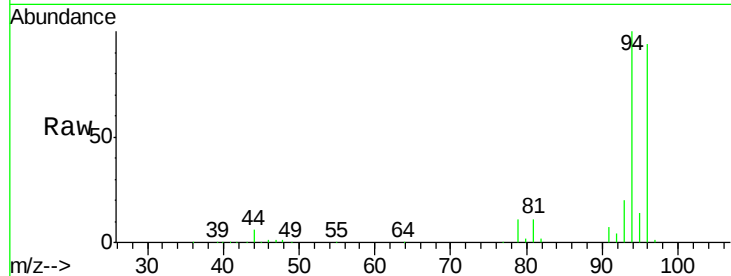
#5
Bromomethane
Concen: 9.356 ug/l
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 94 Resp: 86599
Ion Ratio Lower Upper
94 100
96 93.9 74.6 112.0

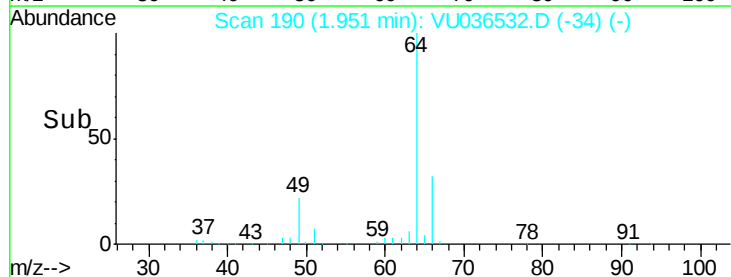
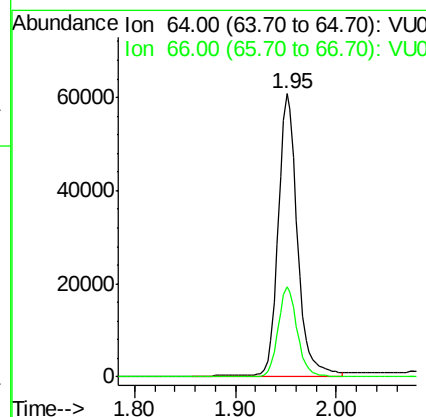
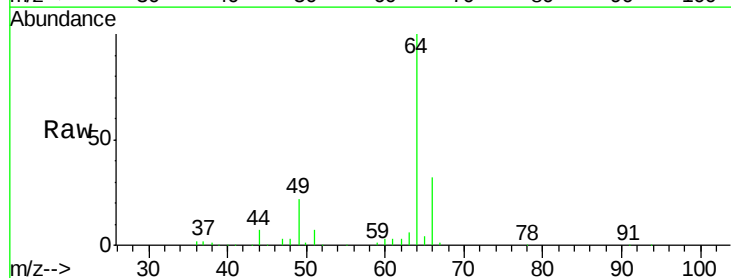
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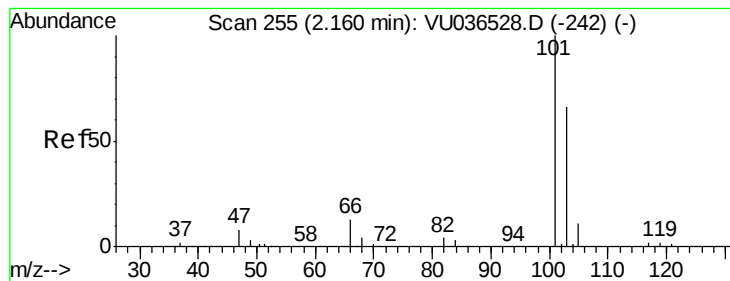
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#6
Chloroethane
Concen: 9.212 ug/l
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 64 Resp: 81294
Ion Ratio Lower Upper
64 100
66 31.8 25.5 38.3





#7

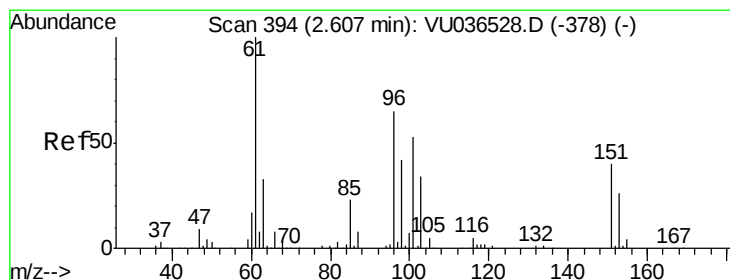
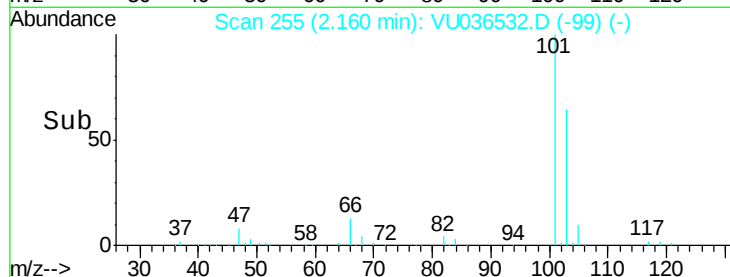
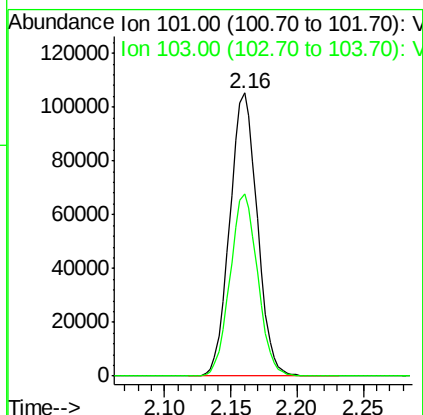
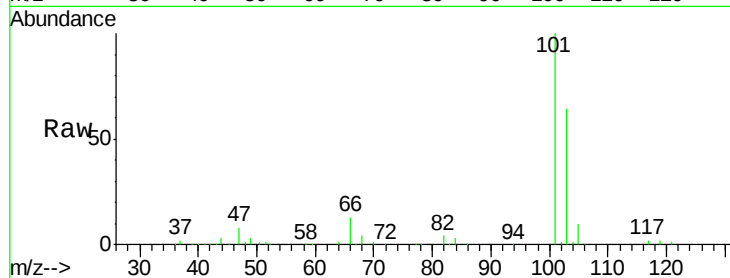
Trichlorofluoromethane
 Concen: 10.335 ug/l
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:101 Resp: 152107
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.0 79.6

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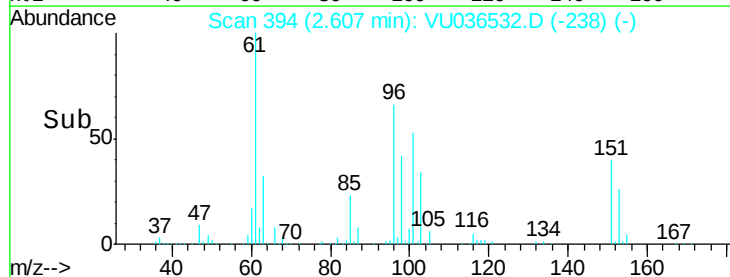
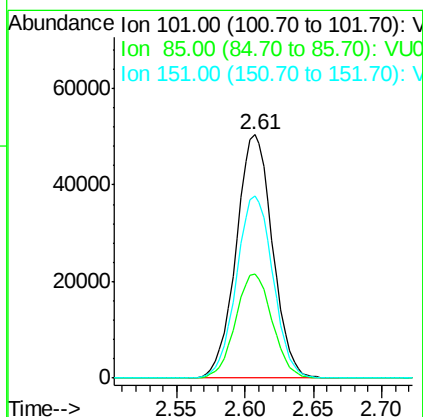
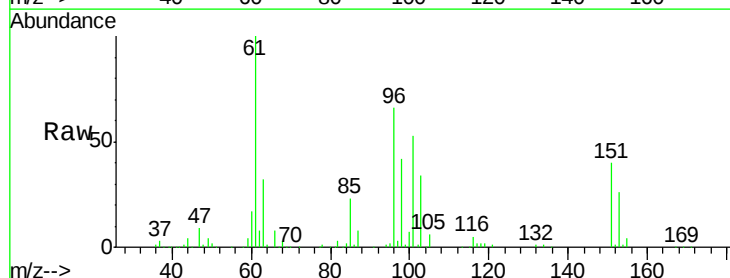
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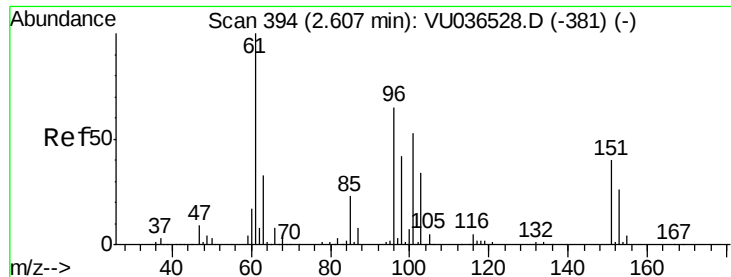


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.182 ug/l
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion:101 Resp: 93347
 Ion Ratio Lower Upper
 101 100
 85 43.0 33.9 50.9
 151 75.2 59.8 89.8





#9

1,1-Dichloroethene

Concen: 10.217 ug/l

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

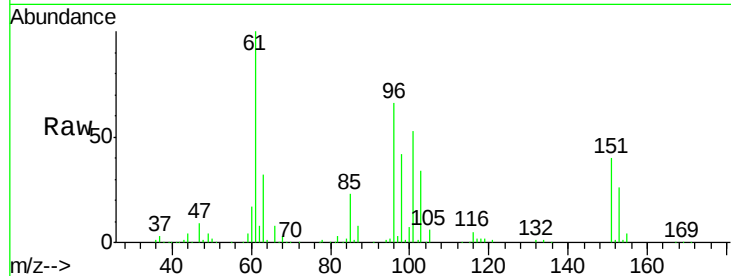
ClientSampleId :

VSTDCCC010

Tot Ion:	96	Resp:	99711
Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	463.2
98	64.1	0.0	130.0

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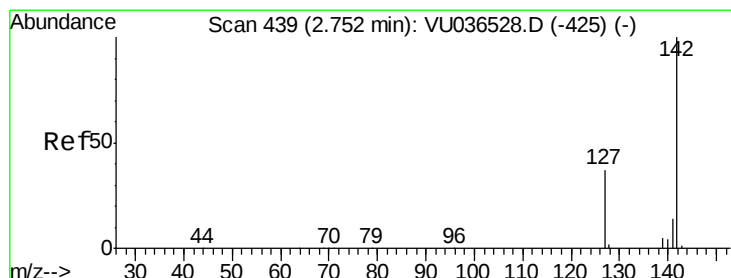
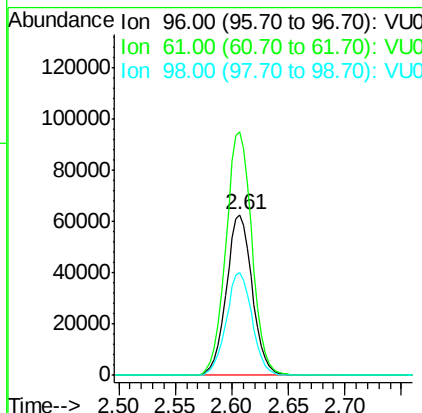
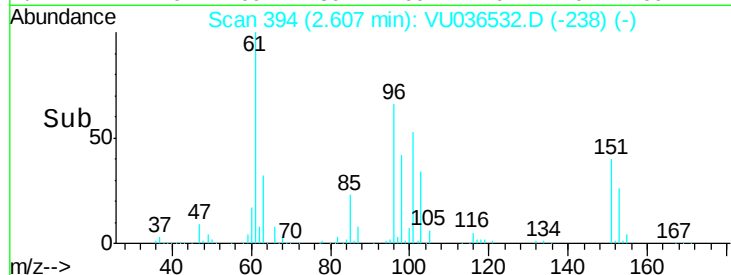
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Abundance Ion 96.00 (95.70 to 96.70): VU036532.D (-238) (-)

Ion 61.00 (60.70 to 61.70): VU036532.D (-238) (-)

Ion 98.00 (97.70 to 98.70): VU036532.D (-238) (-)



#10

Iodomethane

Concen: 9.669 ug/l

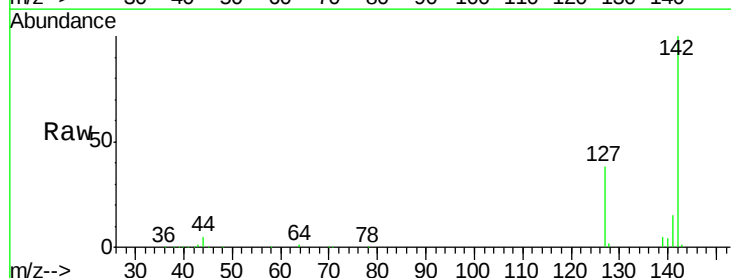
RT: 2.75 min Scan# 439

Delta R.T. 0.00 min

Lab File: VU036532.D

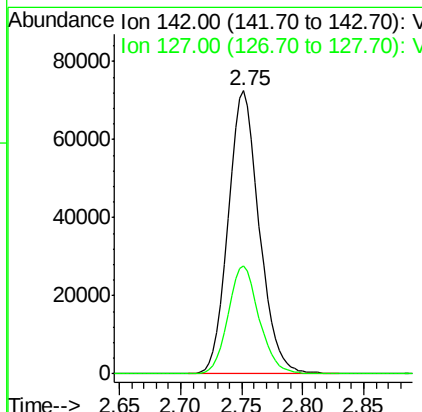
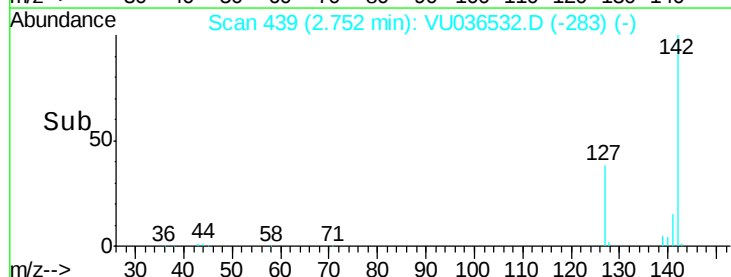
Acq: 23 Jan 2020 10:00

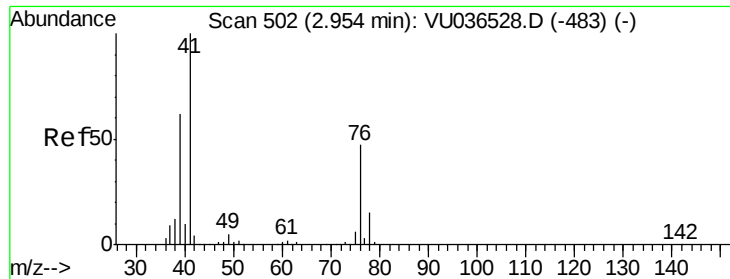
Tgt Ion:	142	Resp:	128968
Ion	Ratio	Lower	Upper
142	100		
127	38.3	30.3	45.5



Abundance Ion 142.00 (141.70 to 142.70): VU036532.D (-283) (-)

Ion 127.00 (126.70 to 127.70): VU036532.D (-283) (-)





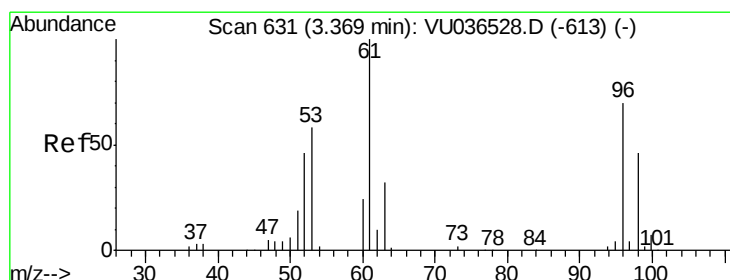
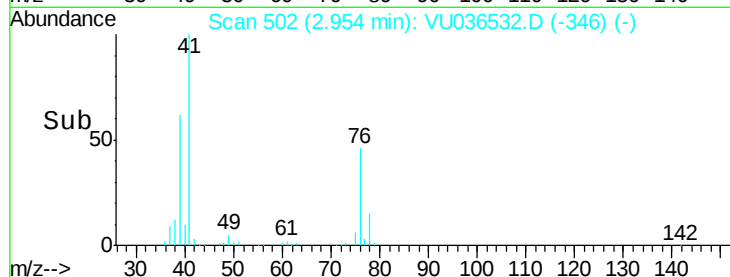
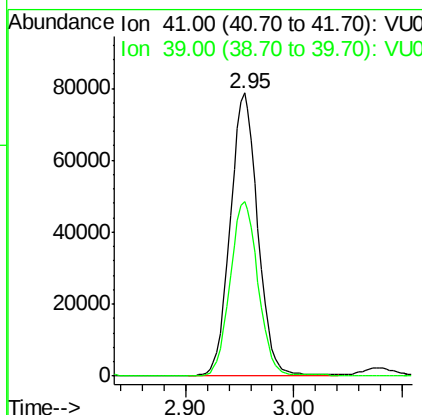
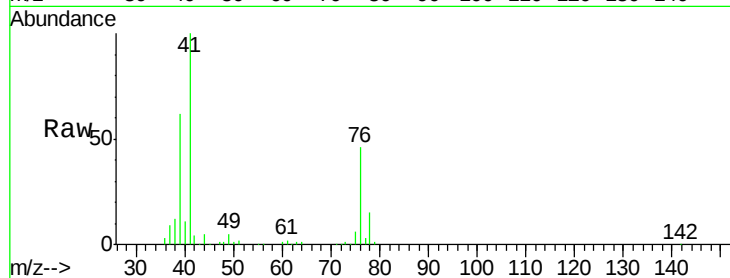
#11
Allvl Chloride
Concen: 10.304 ug/l
RT: 2.95 min Scan# 502
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 41 Resp: 139032
Ion Ratio Lower Upper
41 100
39 62.5 50.7 76.1

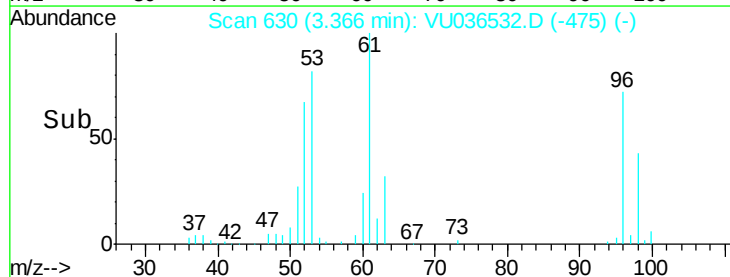
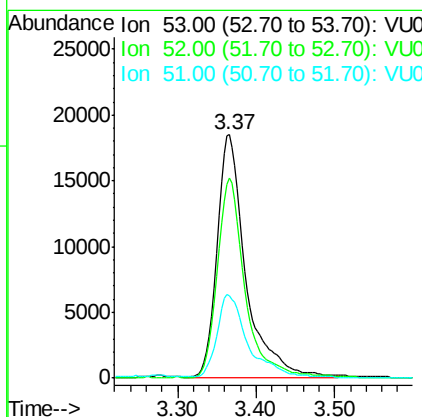
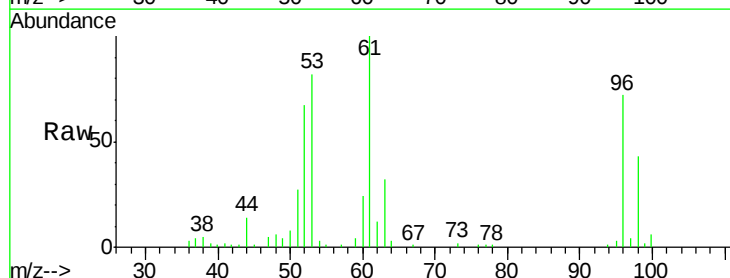
Manual Integrations
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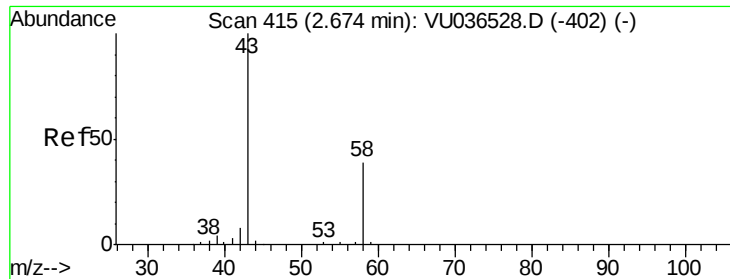
apatel
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#12
Acrylonitrile
Concen: 19.713 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 53 Resp: 47186
Ion Ratio Lower Upper
53 100
52 78.3 64.6 97.0
51 35.2 27.2 40.8





#13

Acetone

Concen: 48.441 ug/l

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 78569

Ion Ratio Lower Upper

43 100

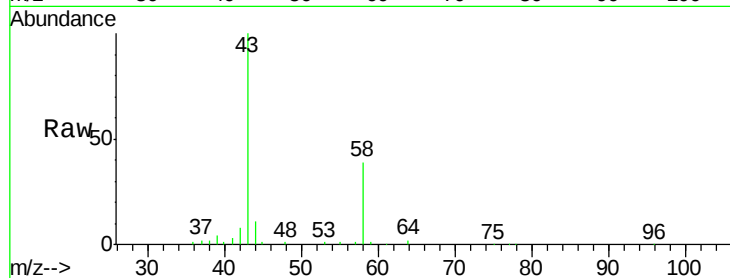
58 39.2 30.8 46.2

Manual Integrations

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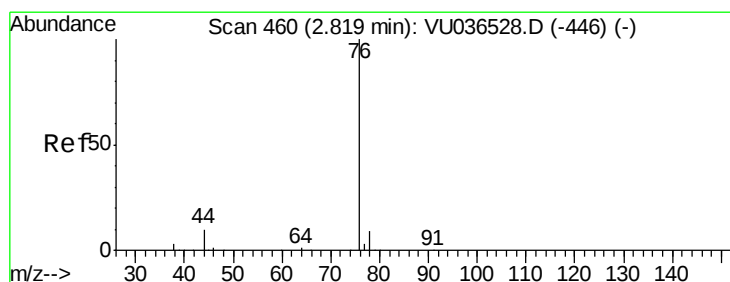
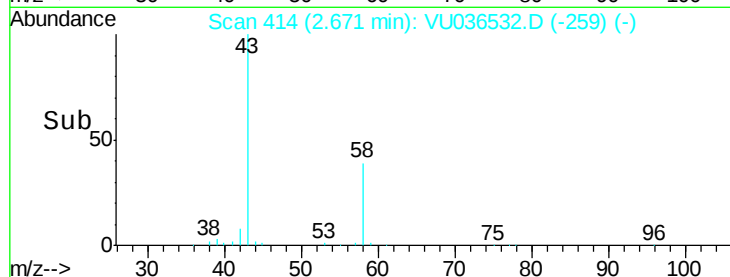
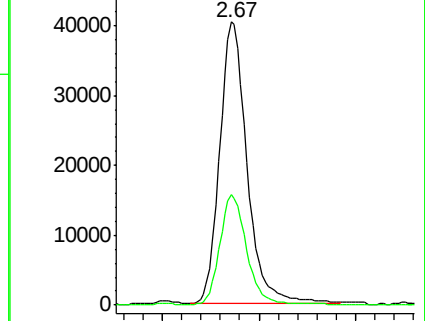
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VU036532.D (-259) (-)

Ion 58.00 (57.70 to 58.70): VU036532.D (-259) (-)



#14

Carbon Disulfide

Concen: 10.120 ug/l

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU036532.D

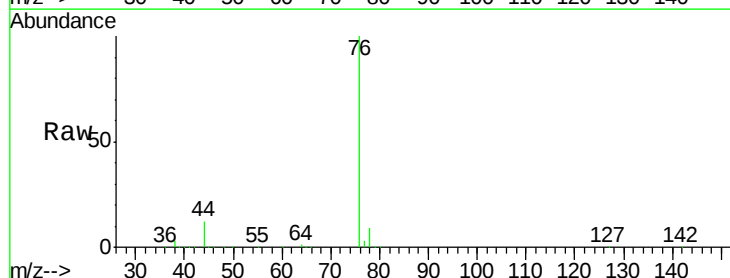
Acq: 23 Jan 2020 10:00

Tgt Ion: 76 Resp: 342054

Ion Ratio Lower Upper

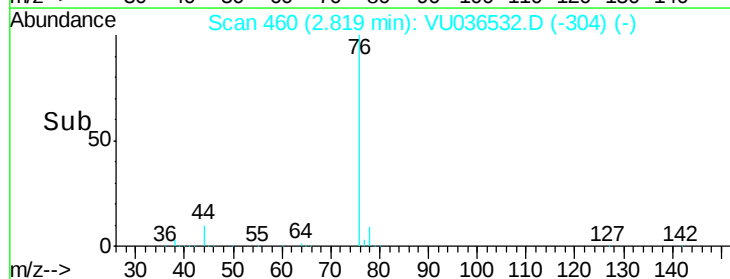
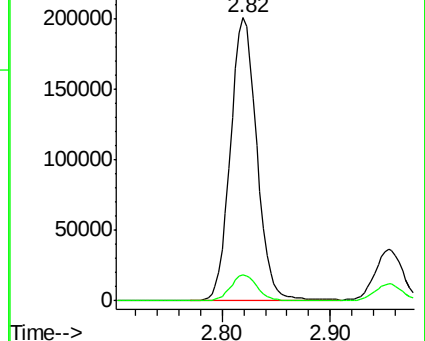
76 100

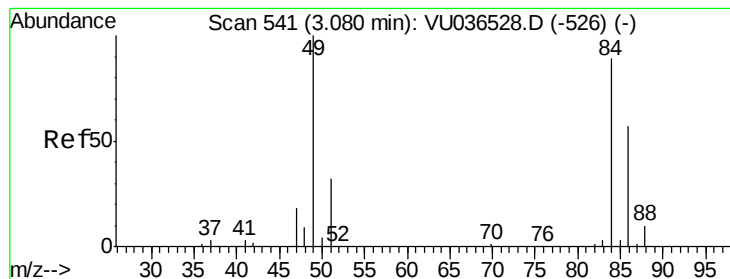
78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU036532.D (-304) (-)

Ion 78.00 (77.70 to 78.70): VU036532.D (-304) (-)





#15

Methylene Chloride

Concen: 8.817 ug/l

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

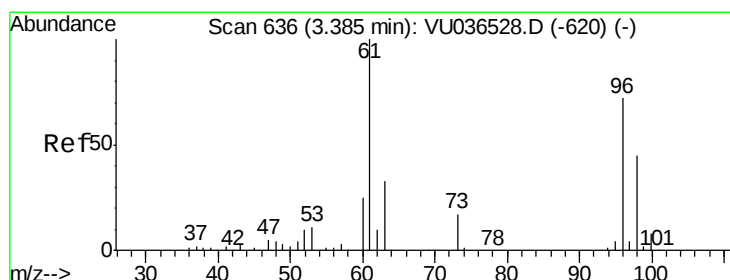
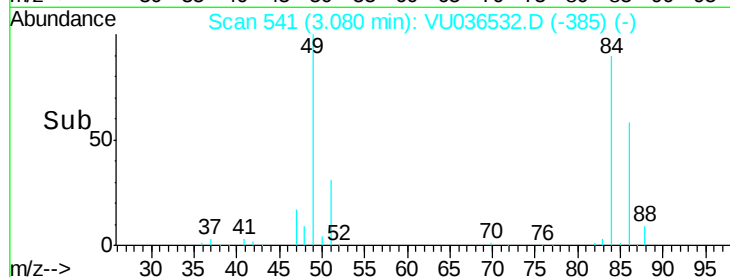
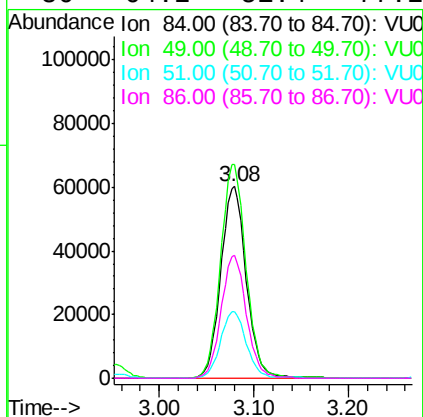
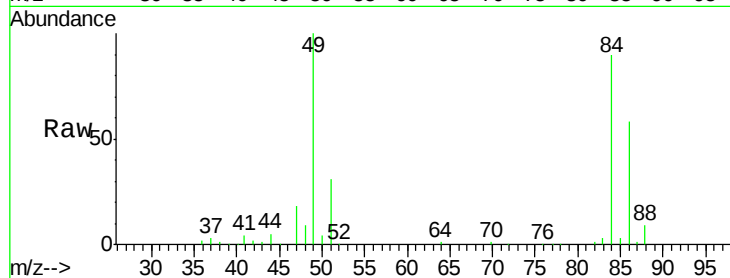
ClientSampled :

VSTDCCC010

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	111.3	89.7	134.5	
51	35.0	0.0	71.6	
86	64.2	51.4	77.2	

Manual Integrations
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#16

trans-1,2-Dichloroethene

Concen: 10.172 ug/l

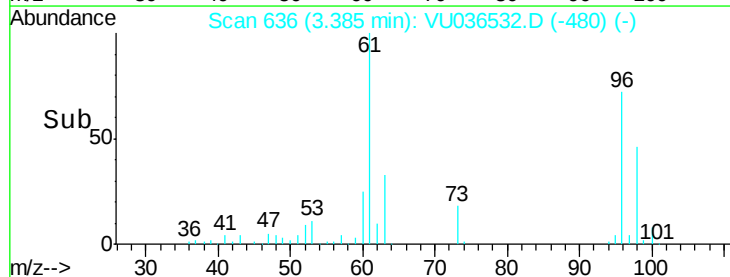
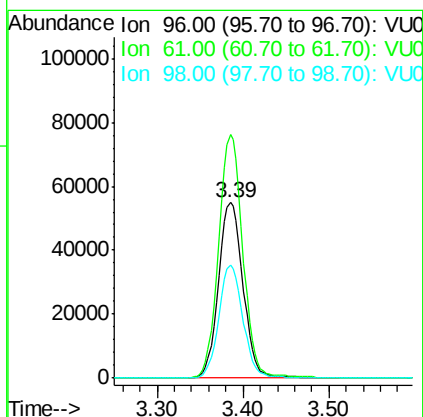
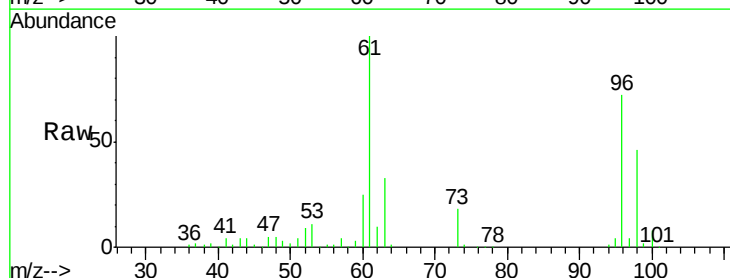
RT: 3.39 min Scan# 636

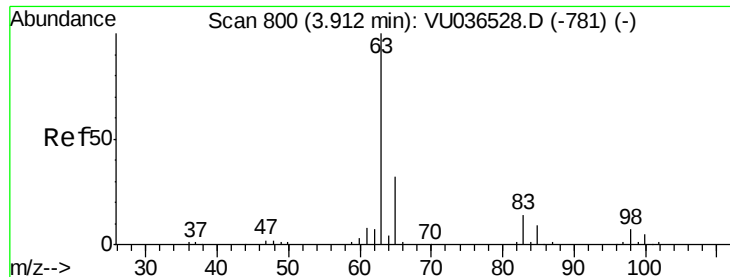
Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
61	138.9	110.8	166.2	
98	64.3	50.3	75.5	





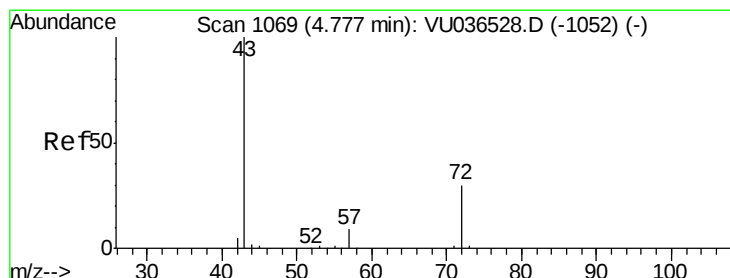
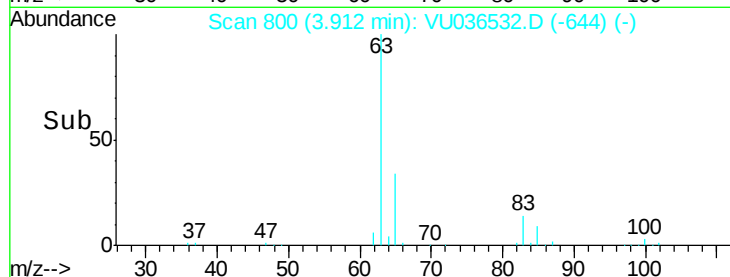
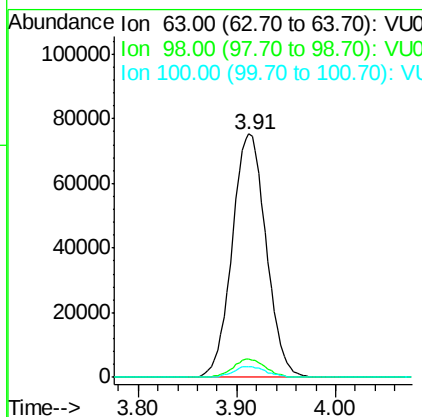
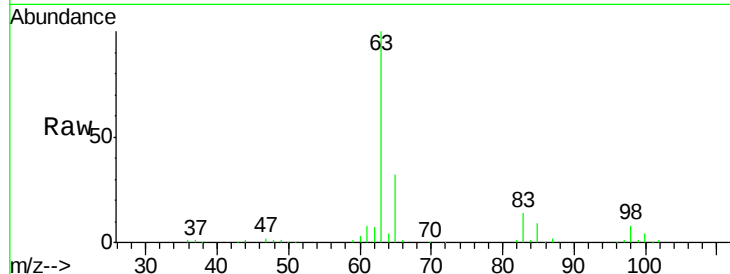
#17
 1,1-Dichloroethane
 Concen: 10.275 ug/l
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
63	100	180266		
98	7.5		3.5	10.5
100	4.3		2.4	7.1

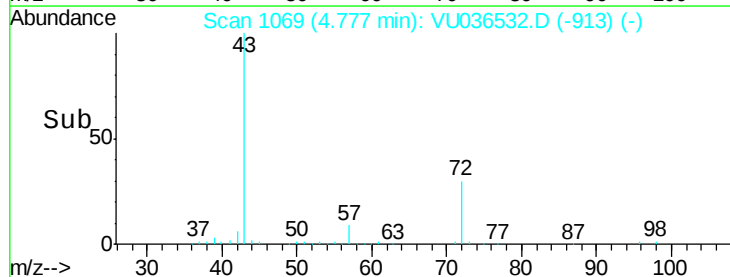
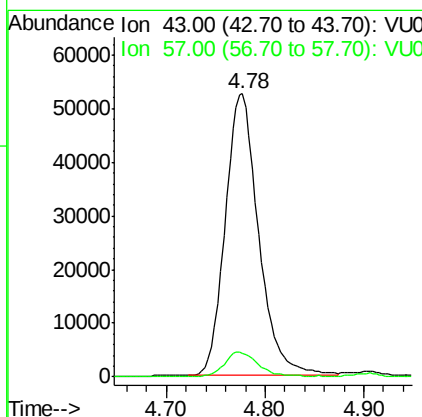
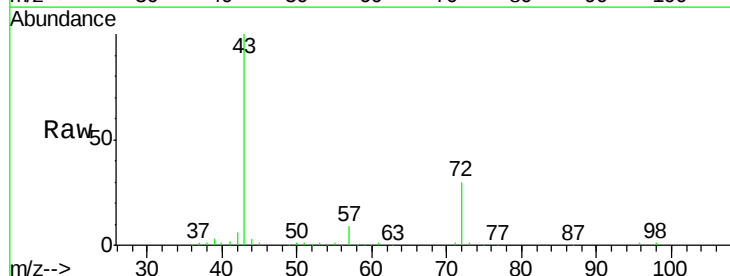
Manual Integrations
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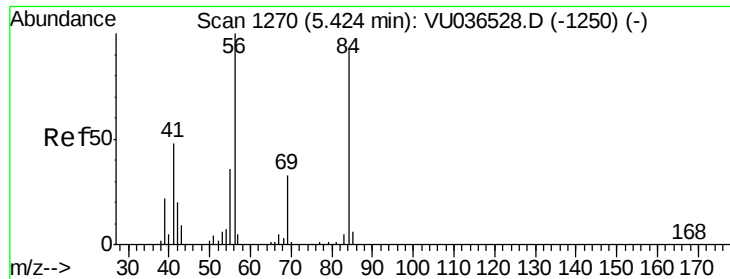
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#18
 2-Butanone
 Concen: 48.293 ug/l
 RT: 4.78 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	124105		
57	8.6		0.0	17.8





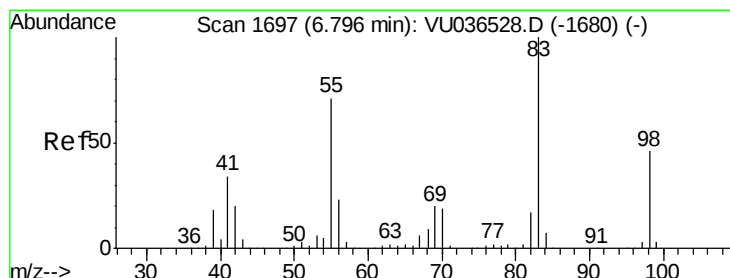
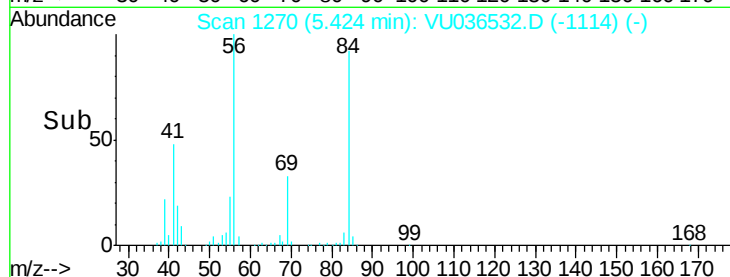
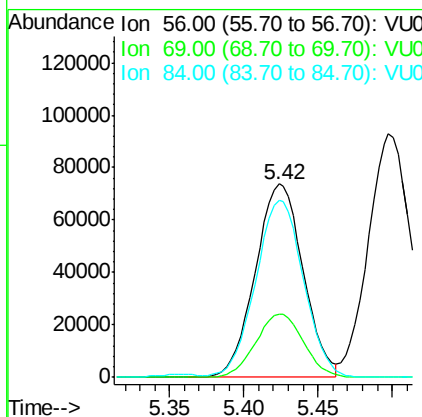
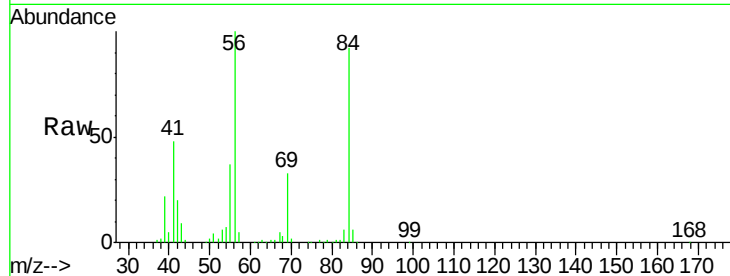
#19
Cyclohexane
Concen: 10.302 ug/l m
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	26.2	39.2
84	90.5	72.8	109.2

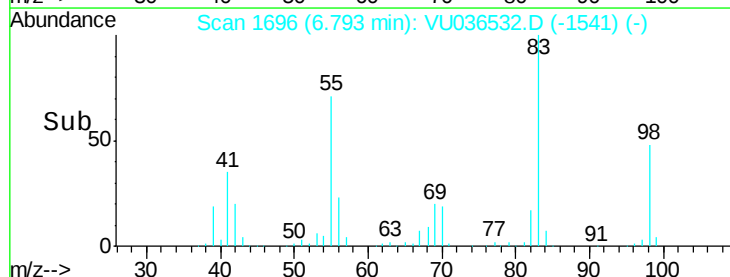
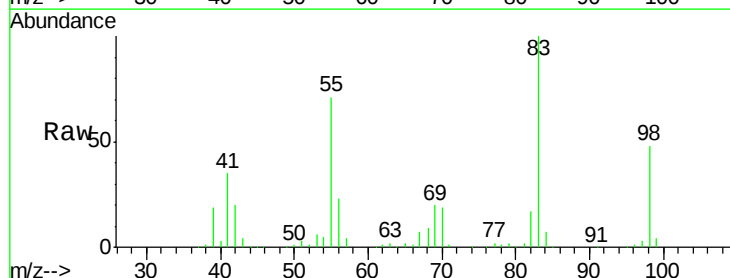
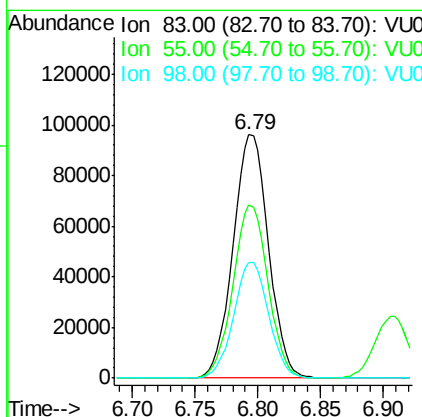
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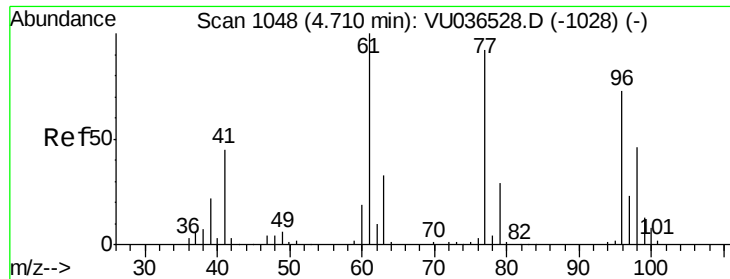
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#20
Methylcyclohexane
Concen: 10.502 ug/l
RT: 6.79 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.3	56.6	85.0
98	47.2	37.5	56.3





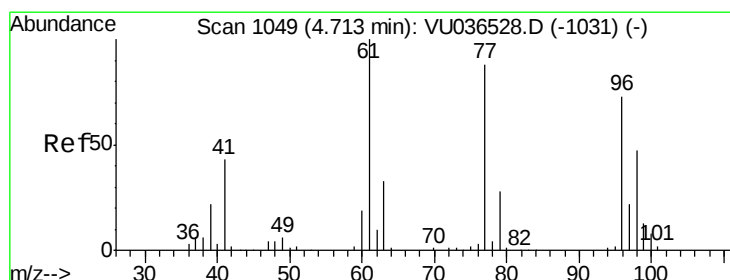
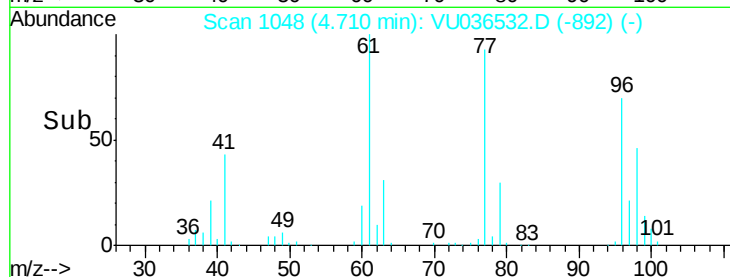
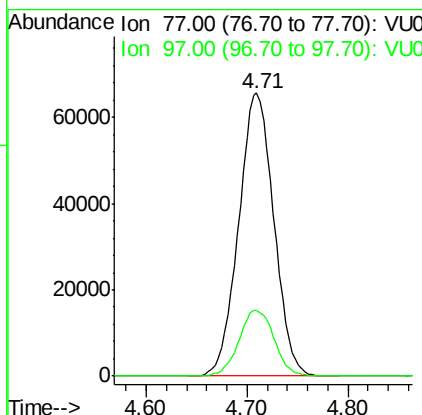
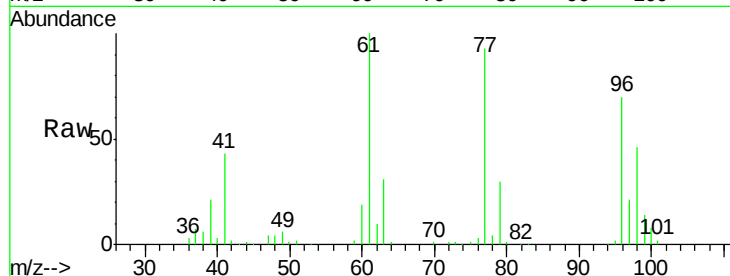
#21
 2,2-Dichloropropane
 Concen: 10.572 ug/l
 RT: 4.71 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion: 77 Resp: 158330
 Ion Ratio Lower Upper
 77 100
 97 23.3 19.0 28.4

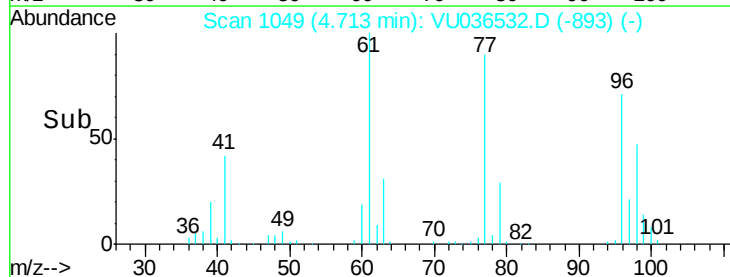
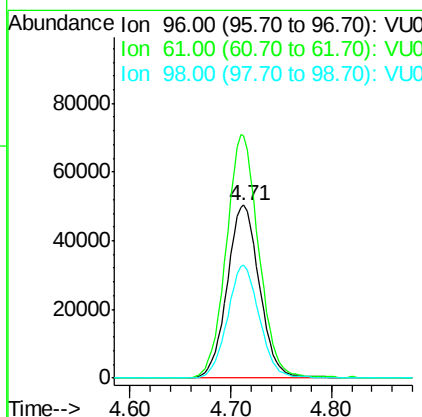
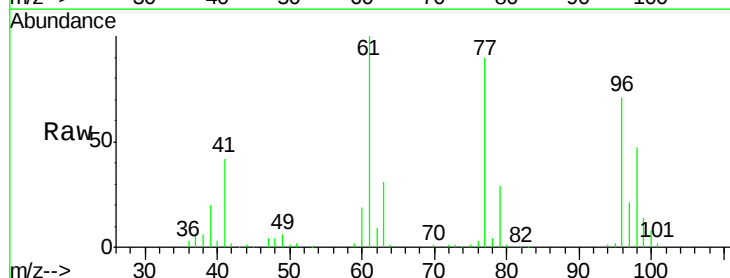
Manual Integrations
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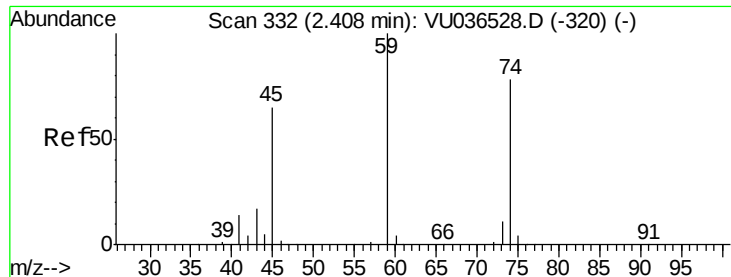
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#22
 cis-1,2-Dichloroethene
 Concen: 10.102 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion: 96 Resp: 112830
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 342.0
 98 64.3 32.0 96.0





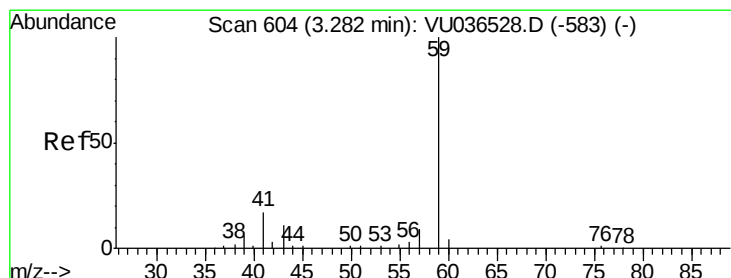
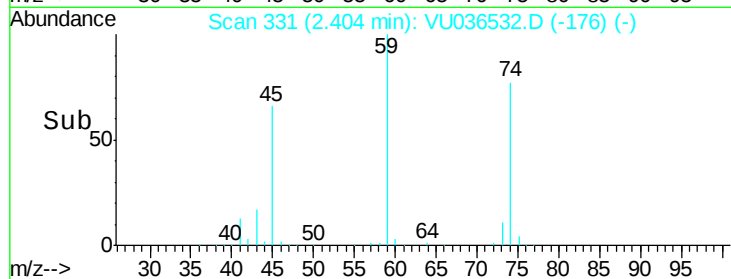
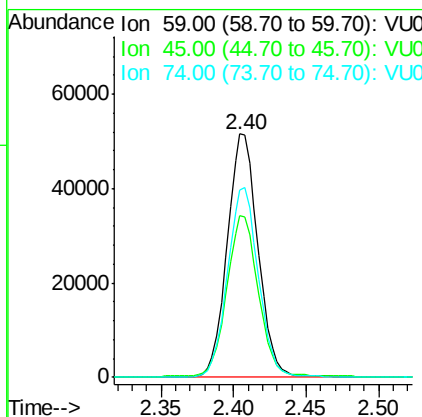
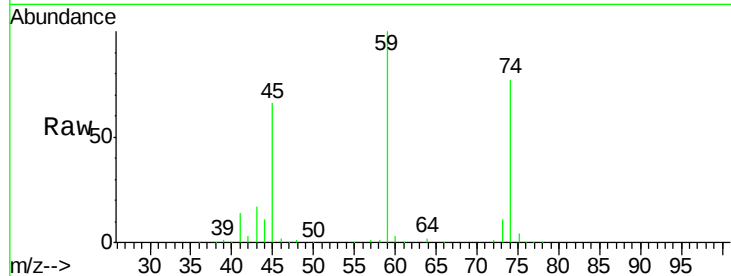
#23
Diethyl Ether
Concen: 10.056 ug/l
RT: 2.40 min Scan# 331
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
59	100		
45	68.0	52.4	78.6
74	78.2	62.1	93.1

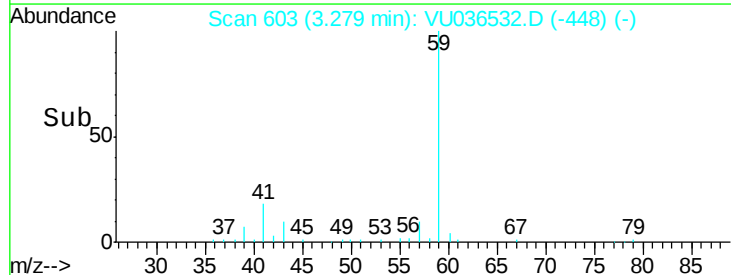
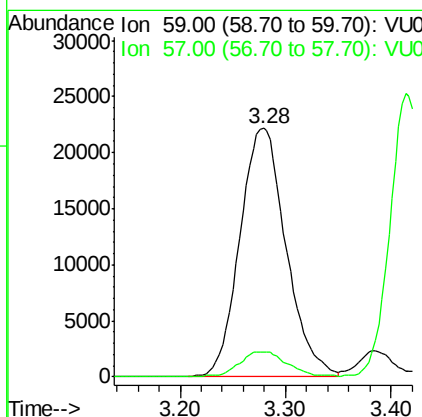
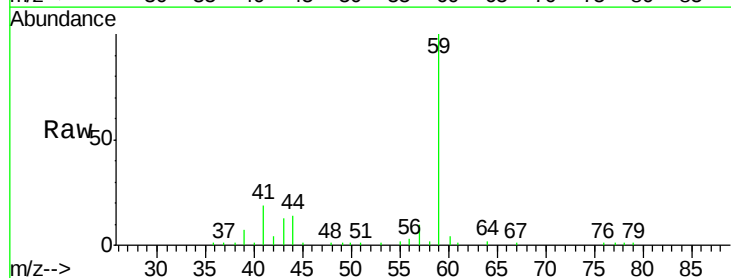
Manual Integrations
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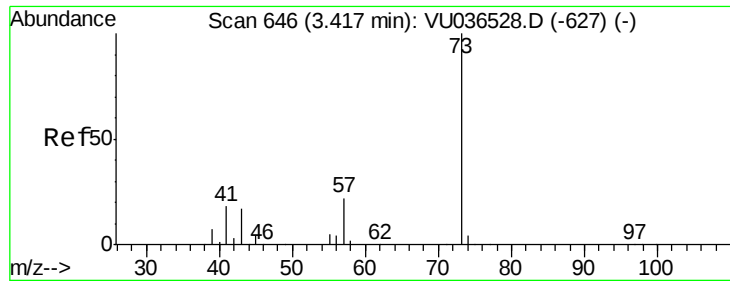
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#24
tert-Butyl Alcohol
Concen: 100.165 ug/l
RT: 3.28 min Scan# 603
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6





#25

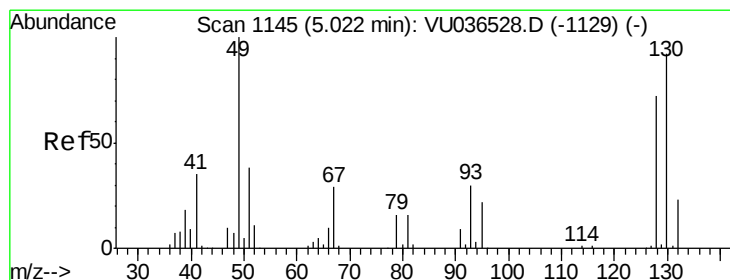
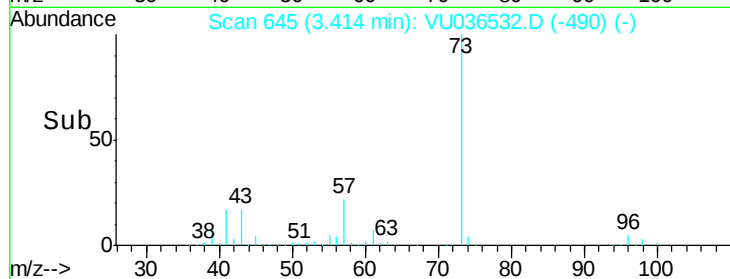
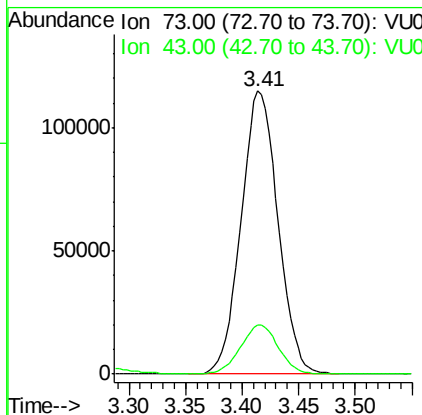
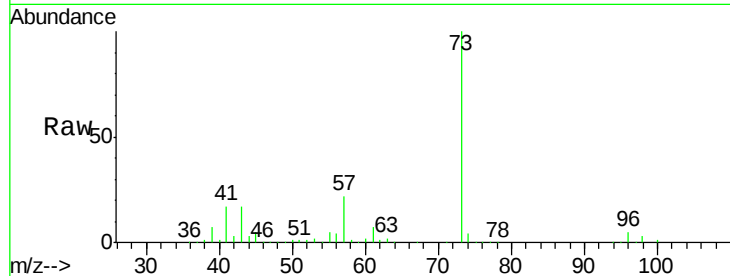
Methyl tert-Butyl Ether
 Concen: 10.194 ug/l
 RT: 3.41 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDCCC010

Tot Ion: 73 Resp: 260701
 Ion Ratio Lower Upper
 73 100
 43 17.6 14.5 21.7

Manual Integrations
 APPROVED

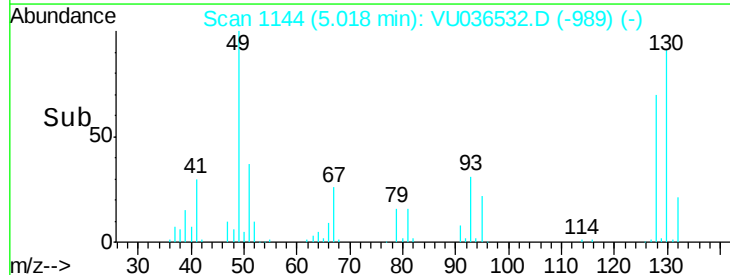
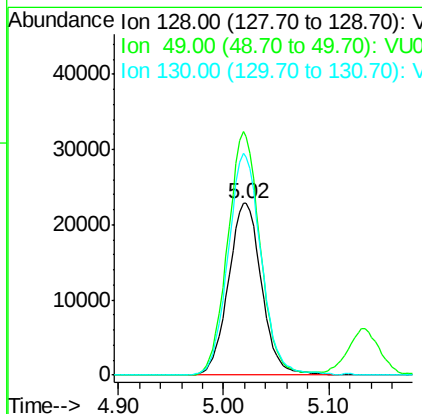
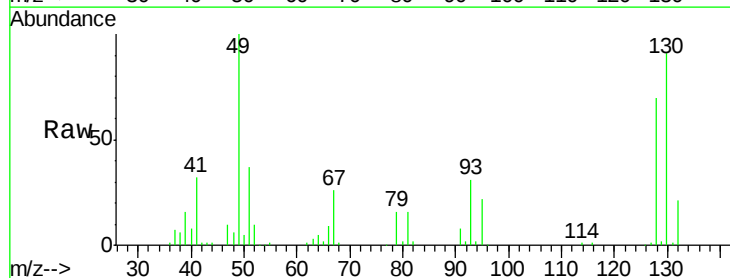
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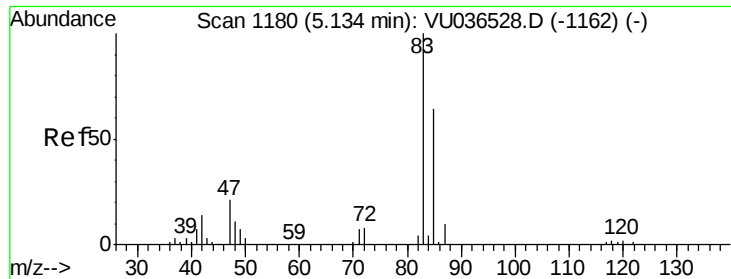


#26

Bromochloromethane
 Concen: 10.284 ug/l
 RT: 5.02 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion: 128 Resp: 49750
 Ion Ratio Lower Upper
 128 100
 49 138.6 0.0 286.2
 130 129.0 104.3 156.5





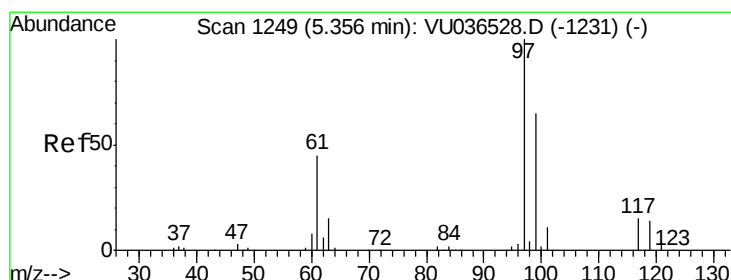
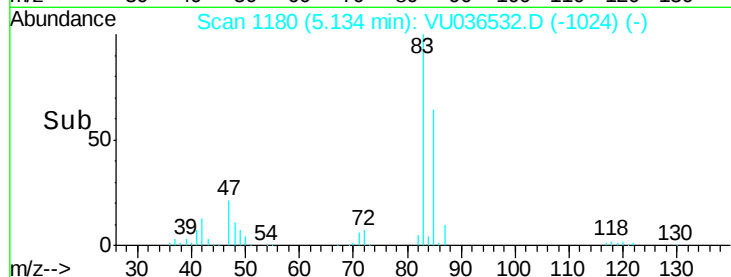
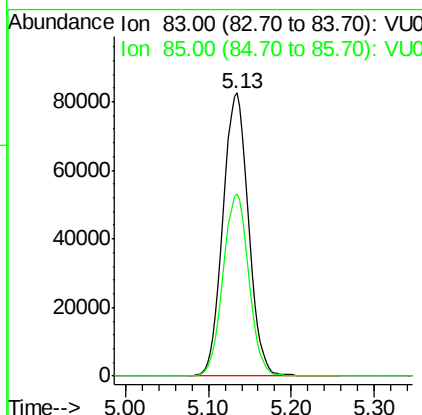
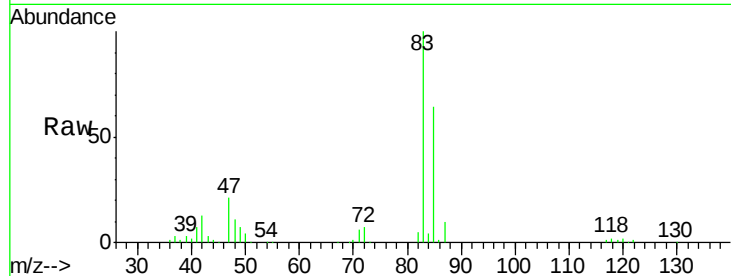
#27
Chloroform
Concen: 10.225 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	83	Resp	177419
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	0.0	129.0

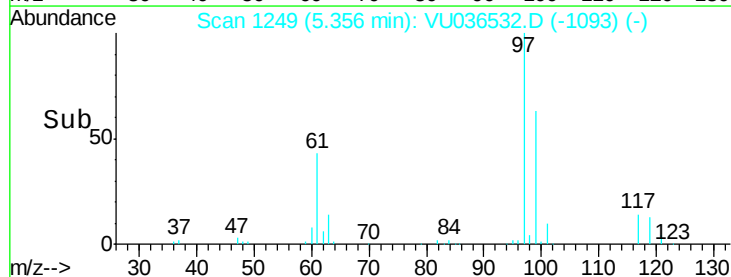
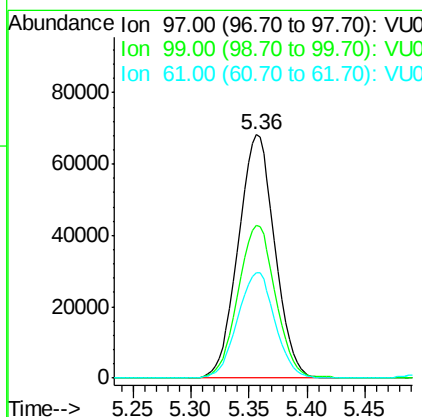
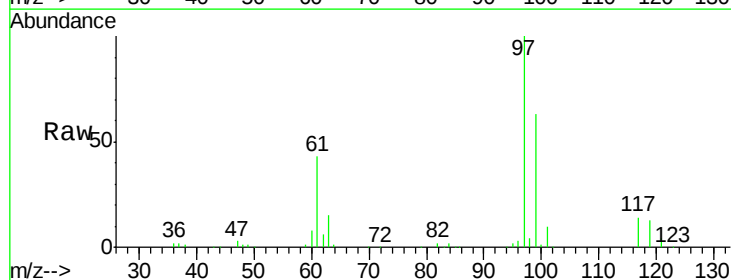
Manual Integrations
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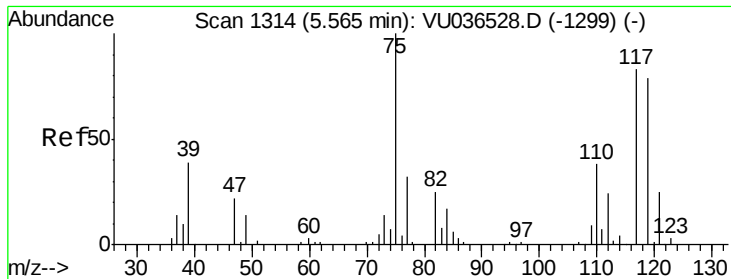
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#28
1,1,1-Trichloroethane
Concen: 10.300 ug/l
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion	97	Resp	149866
Ion Ratio	100	Lower	Upper
97	100		
99	64.4	32.1	96.3
61	44.4	22.7	68.0





#29

1,1-Dichloropropene

Concen: 10.203 ug/l

RT: 5.57 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 75 Resp: 144889

Ion Ratio Lower Upper

75 100

110 37.0 18.6 55.8

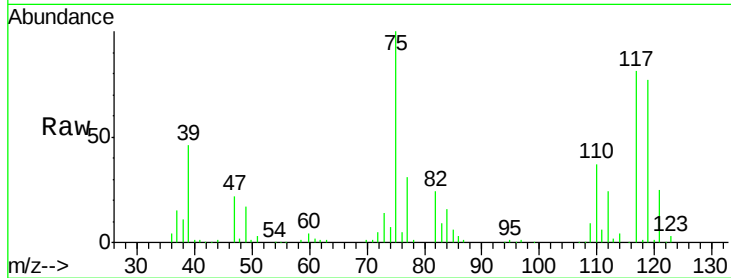
77 30.9 25.0 37.4

Manual Integrations

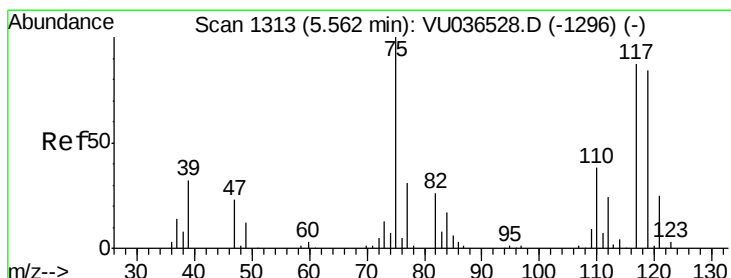
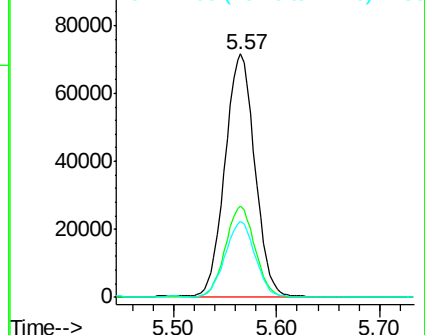
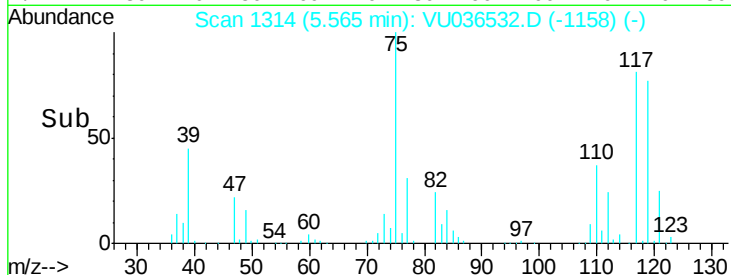
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Abundance Ion 75.00 (74.70 to 75.70): VU036532.D (-1158) (-)



#30

Carbon Tetrachloride

Concen: 10.276 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

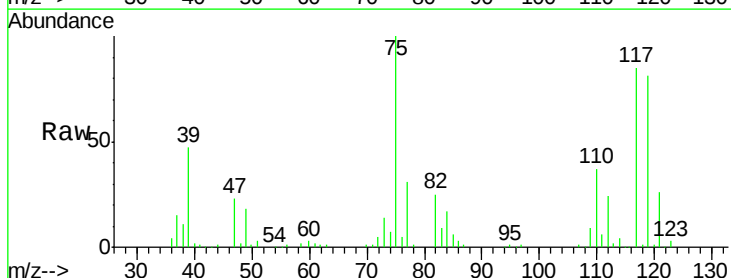
Tgt Ion: 117 Resp: 128027

Ion Ratio Lower Upper

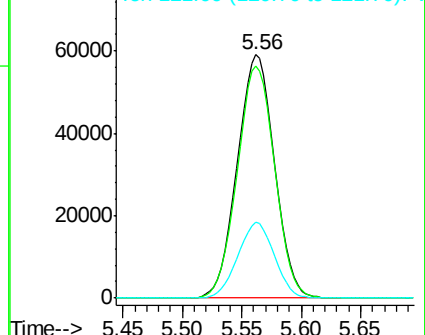
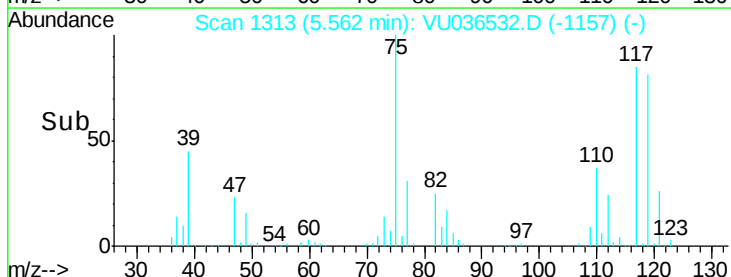
117 100

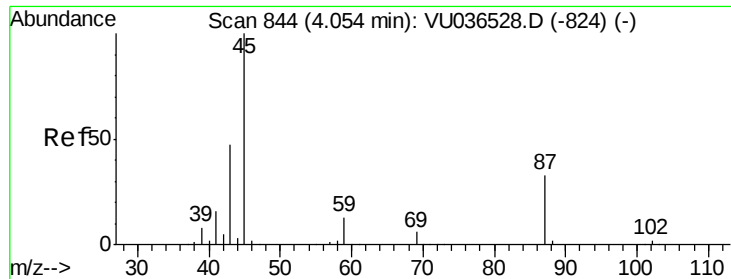
119 95.2 77.0 115.6

121 31.1 23.3 34.9



Abundance Ion 117.00 (116.70 to 117.70): VU036532.D (-1157) (-)





#31

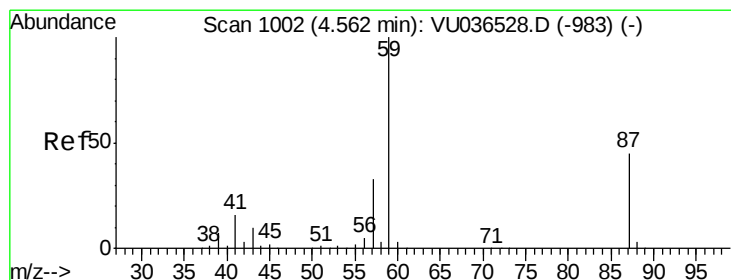
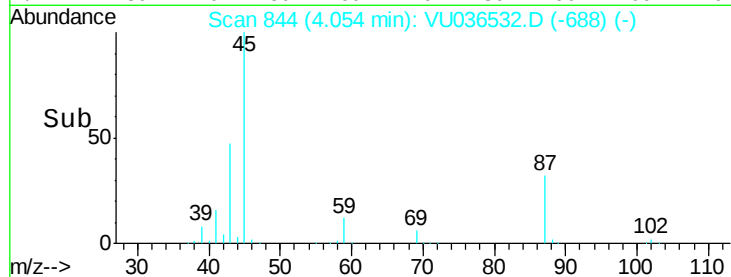
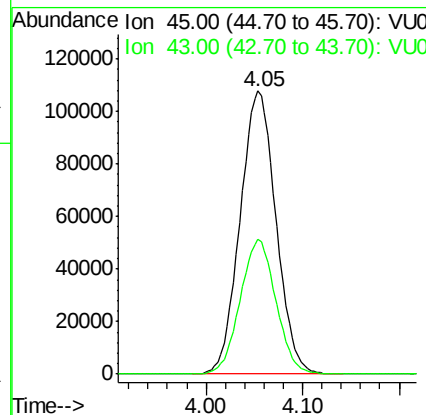
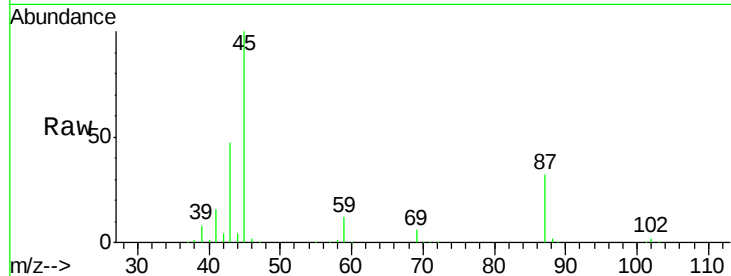
Isopropyl Ether
 Concen: 10.428 ug/l
 RT: 4.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	45	43	Ratio	Lower	Upper
277706	100	47.4		24.0	72.0

Manual Integrations
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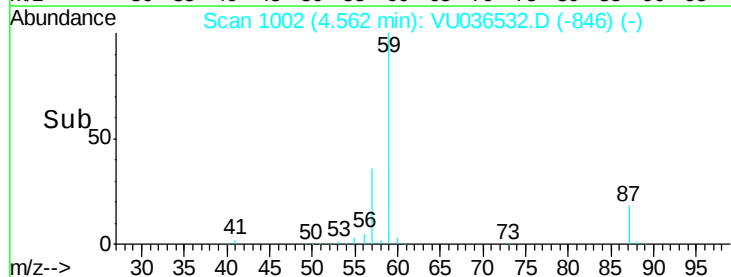
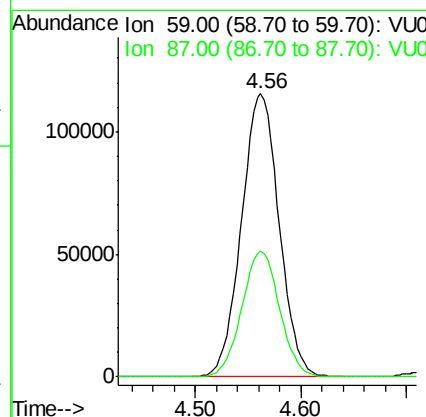
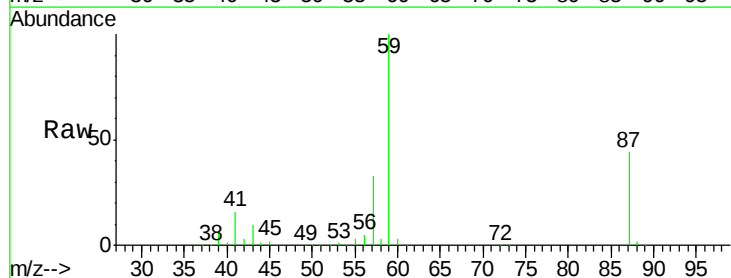
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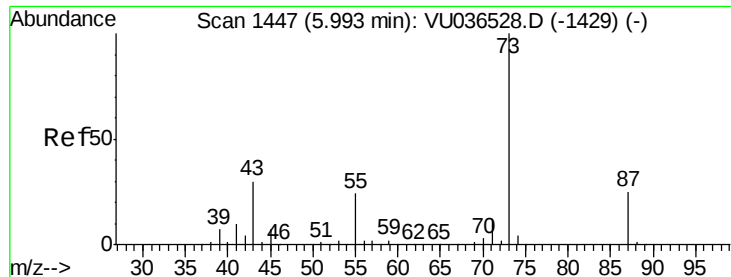


#32

Ethyl-t-butyl ether
 Concen: 10.247 ug/l
 RT: 4.56 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion	59	87	Ratio	Lower	Upper
285506	100	44.7		35.1	52.7





#33

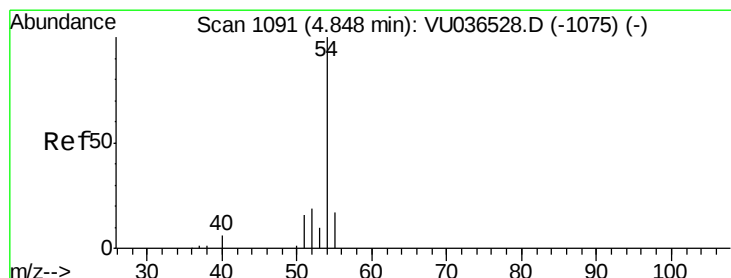
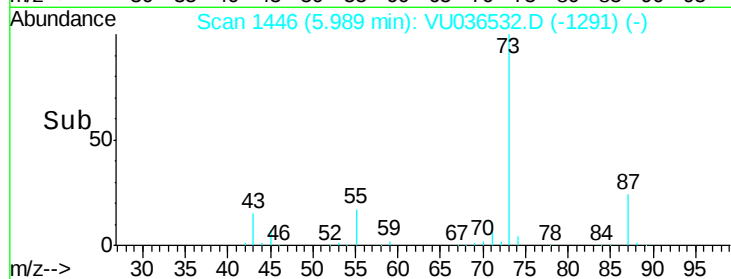
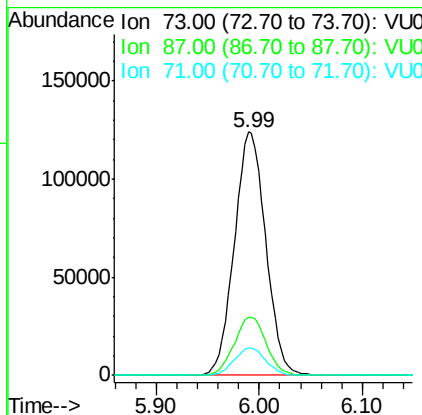
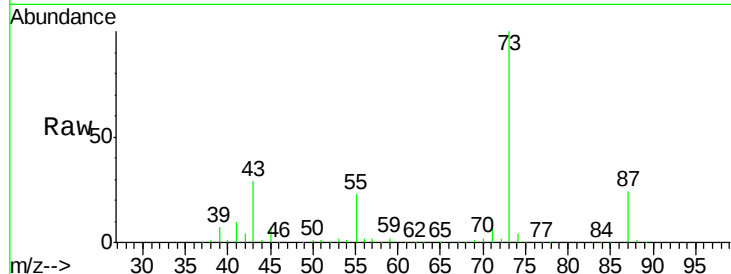
Tert-Butyl methyl ether
 Concen: 10.227 ug/l
 RT: 5.99 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
73	100		
87	24.5	19.8	29.6
71	11.4	9.1	13.7

Manual Integrations
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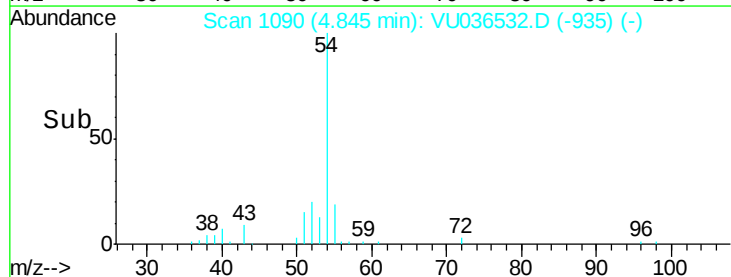
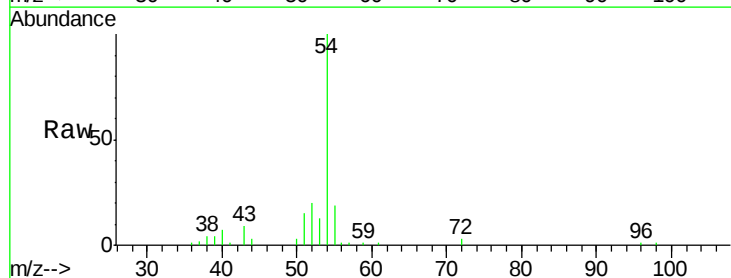
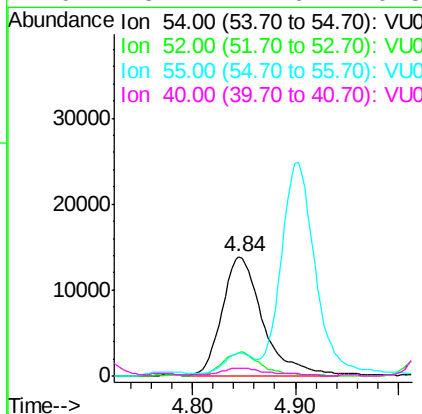
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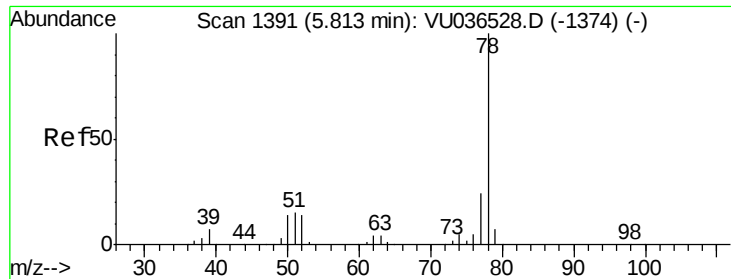


#34

Propionitrile
 Concen: 51.593 ug/l
 RT: 4.84 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
54	100		
52	19.8	15.2	22.8
55	13.4	9.5	14.3
40	5.4	4.6	6.8





#35

Benzene

Concen: 10.104 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 78 Resp: 415505

Ion Ratio Lower Upper

78 100

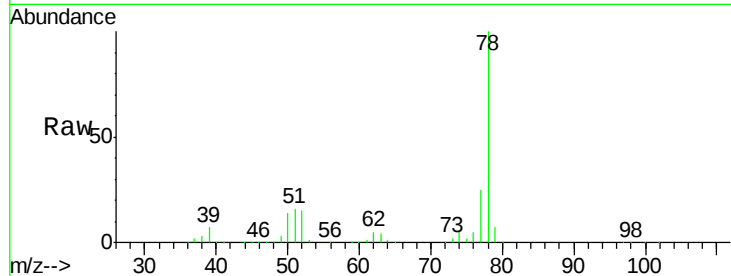
77 24.6 19.4 29.0

Manual Integrations

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Abundance Ion 78.10 (77.80 to 78.80): VU036532.D (-1235) (-)

Ion 77.00 (76.70 to 77.70): VU036532.D (-1235) (-)

5.81

200000

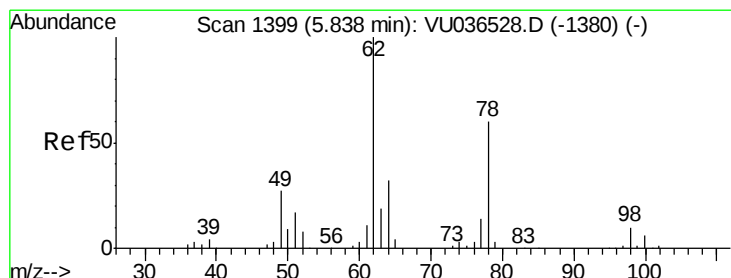
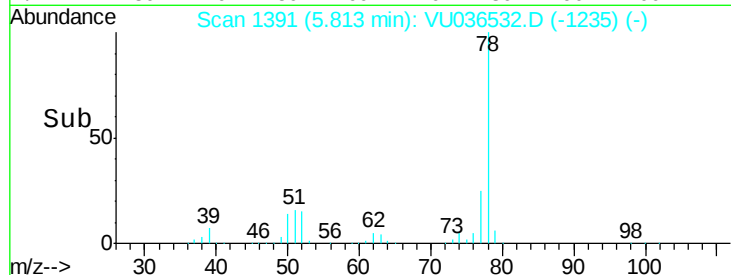
150000

100000

50000

0

Time--> 5.70 5.80 5.90



#36

1,2-Dichloroethane

Concen: 10.210 ug/l

RT: 5.84 min Scan# 1399

Delta R.T. 0.00 min

Lab File: VU036532.D

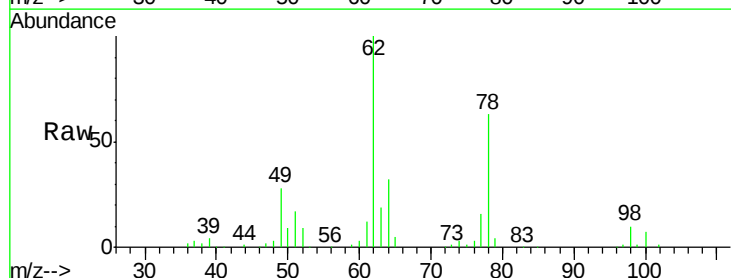
Acq: 23 Jan 2020 10:00

Tgt Ion: 62 Resp: 113023

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VU036532.D (-1243) (-)

Ion 98.00 (97.70 to 98.70): VU036532.D (-1243) (-)

5.84

60000

50000

40000

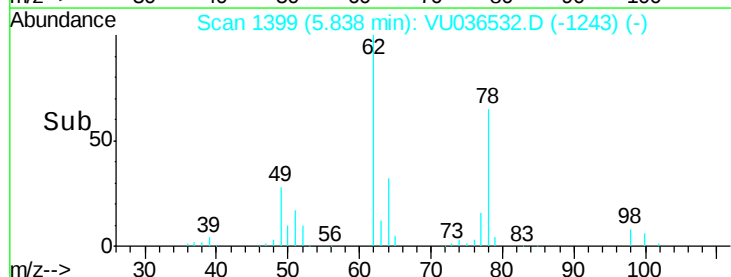
30000

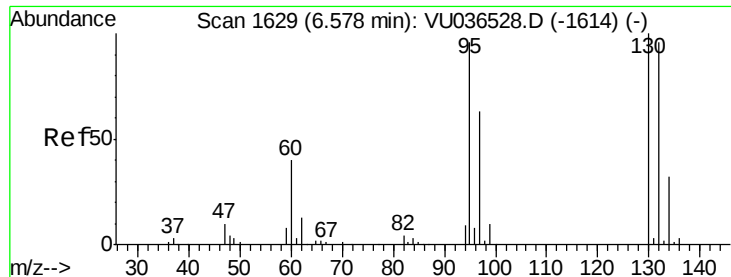
20000

10000

0

Time--> 5.70 5.80 5.90





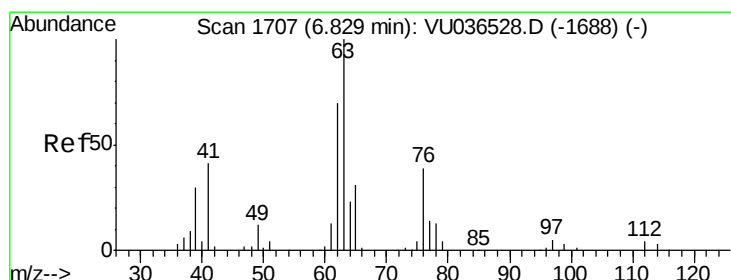
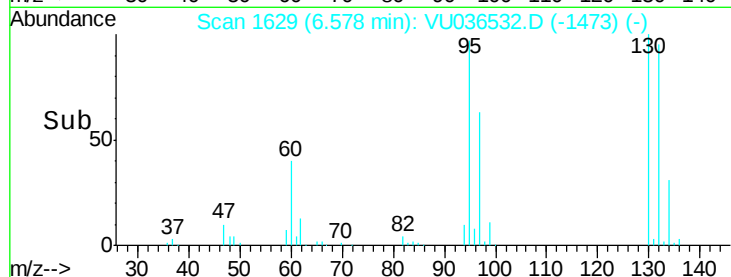
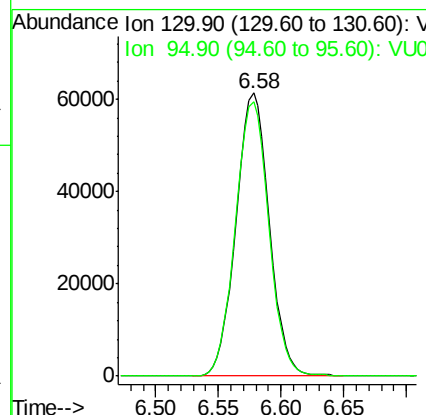
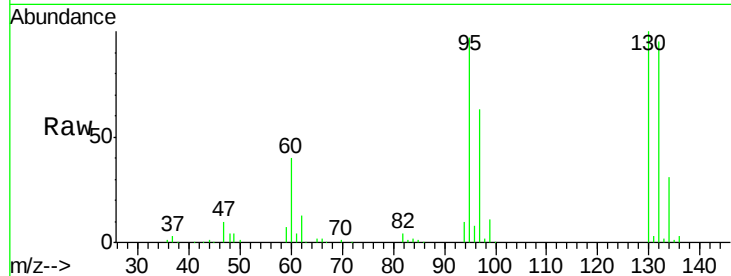
#37
 Trichloroethene
 Concen: 9.984 ug/l
 RT: 6.58 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:130 Resp: 113348
 Ion Ratio Lower Upper
 130 100
 95 96.7 77.0 115.4

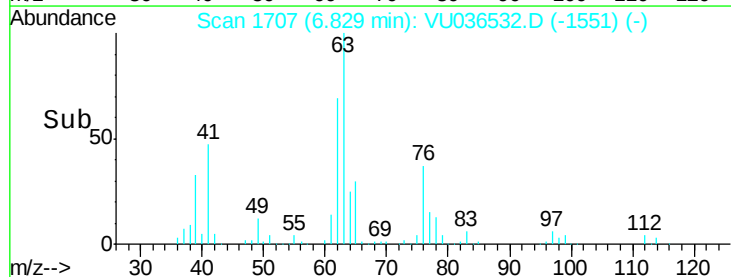
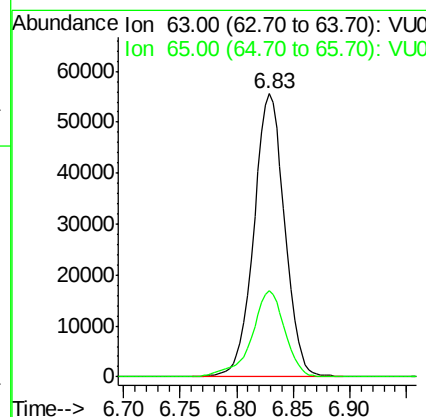
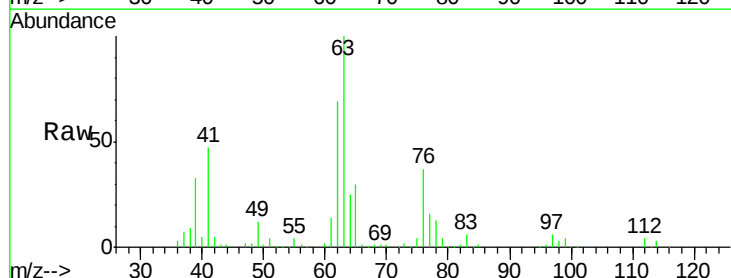
Manual Integrations
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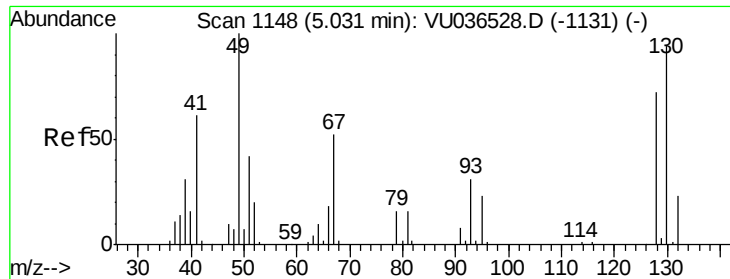
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#38
 1,2-Dichloropropane
 Concen: 10.177 ug/l
 RT: 6.83 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion: 63 Resp: 105216
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1





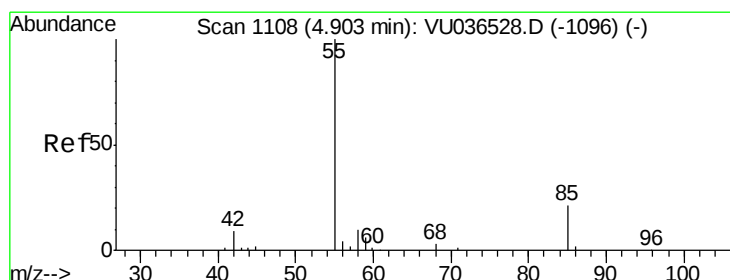
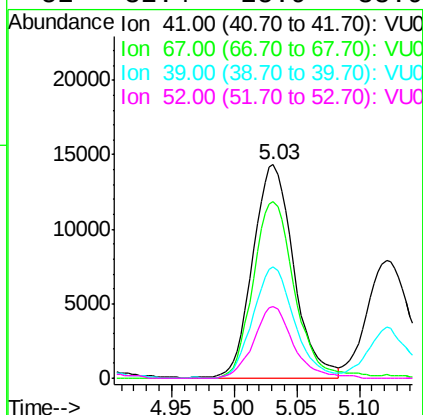
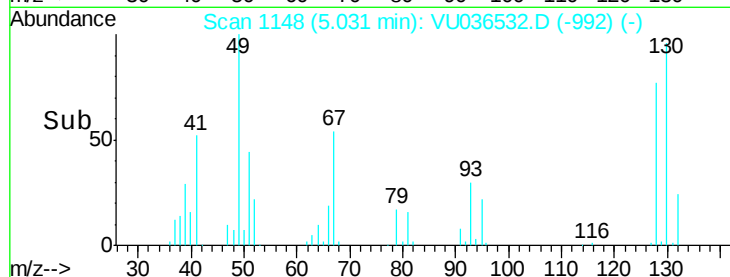
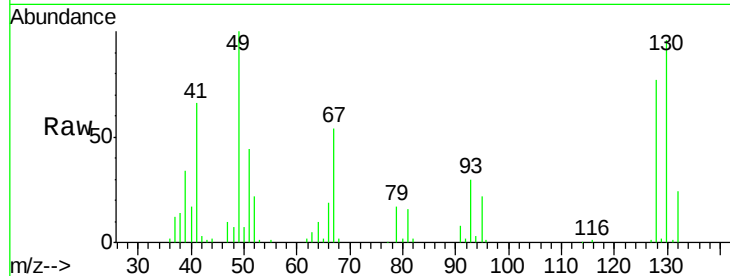
#39
Methacrylonitrile
Concen: 10.515 ug/l
RT: 5.03 min Scan# 1148
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
41	100		
67	83.7	69.6	104.4
39	52.4	41.6	62.4
52	32.4	25.9	38.9

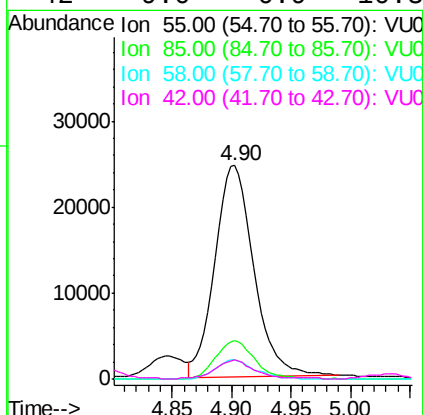
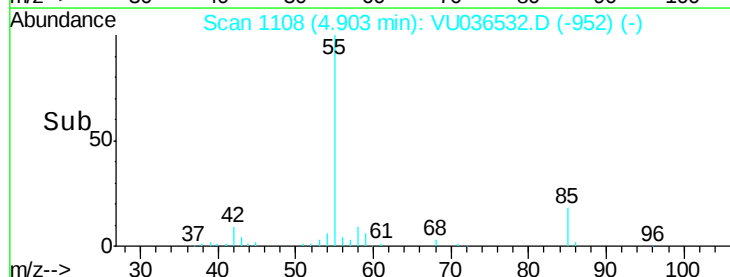
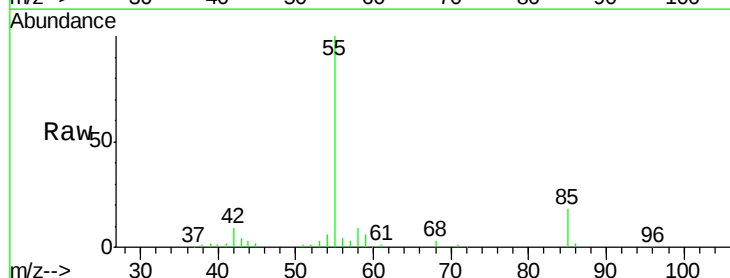
Manual Integrations
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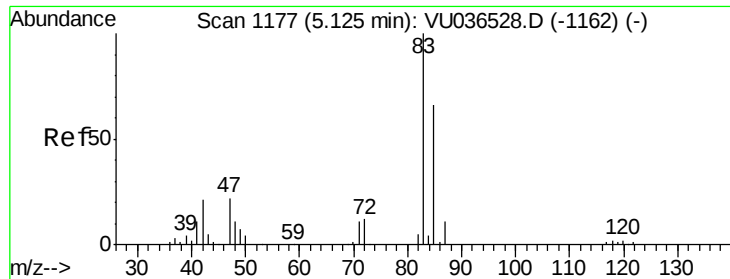
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#40
Methyl acrylate
Concen: 11.285 ug/l
RT: 4.90 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
55	100		
85	18.2	14.7	22.1
58	8.9	7.1	10.7
42	9.0	6.9	10.3





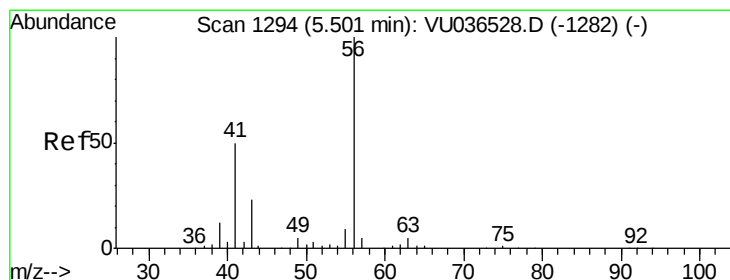
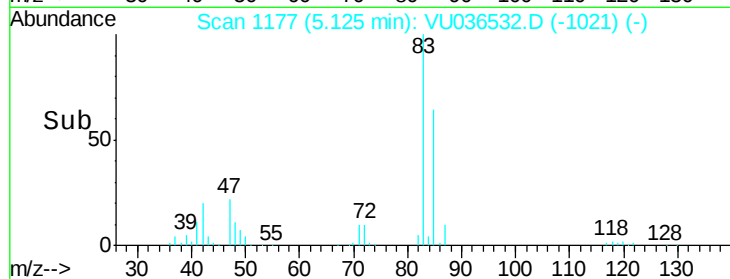
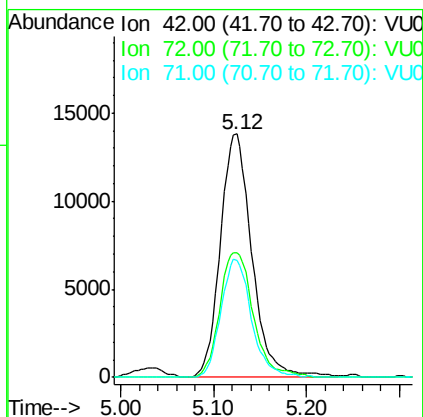
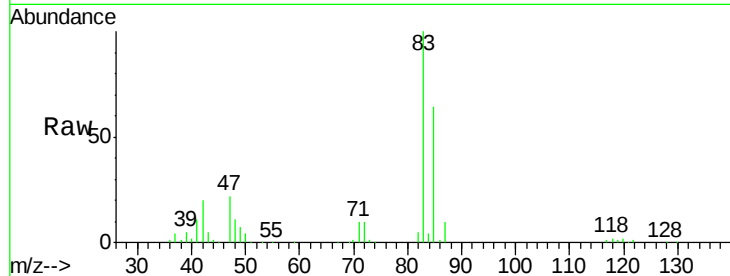
#41
Tetrahydrofuran
Concen: 19.289 ug/l
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.3	42.5	63.7
71	46.7	37.3	55.9

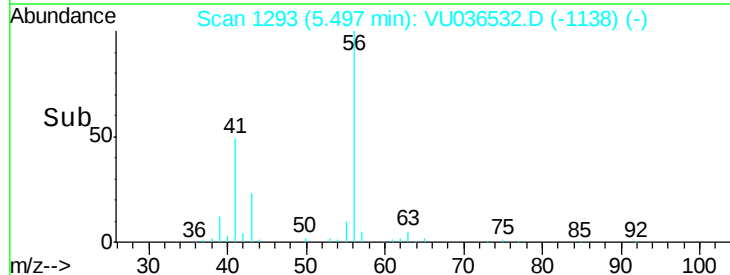
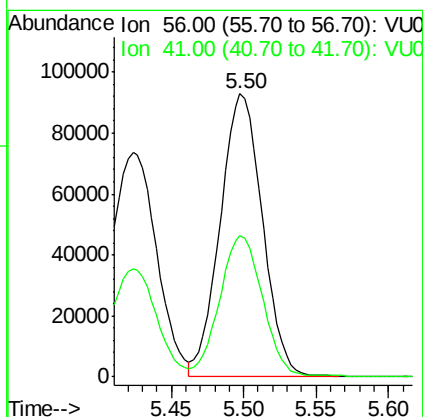
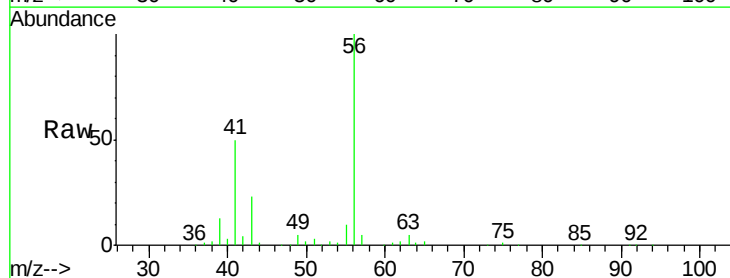
Manual Integrations
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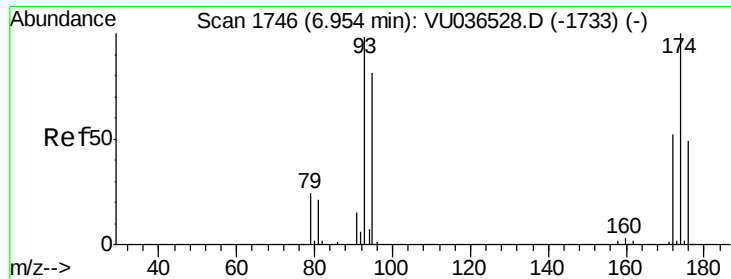
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#42
1-Chlorobutane
Concen: 10.141 ug/l
RT: 5.50 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
56	100		
41	50.9	24.8	74.3





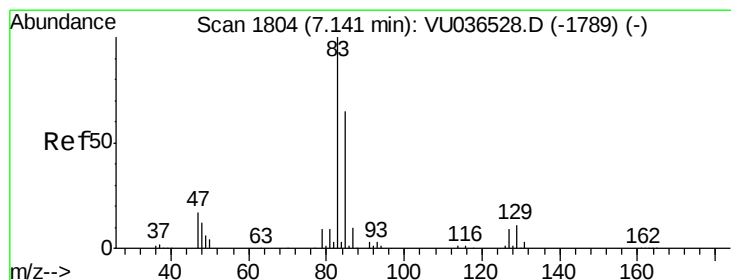
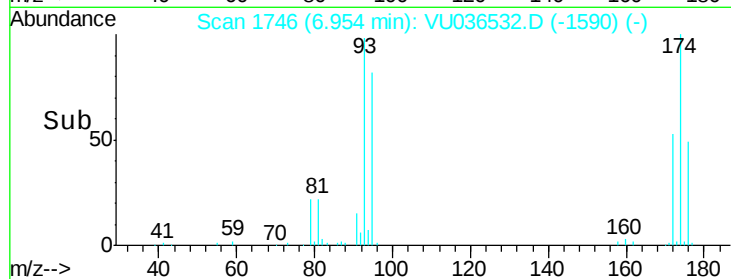
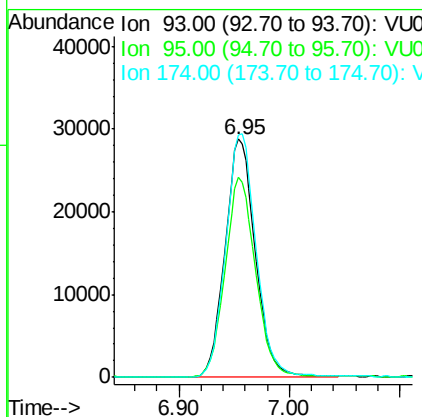
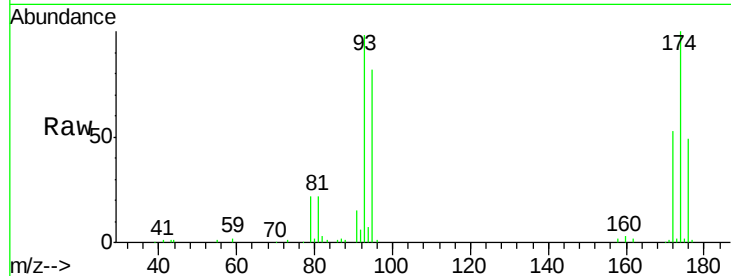
#43
Dibromomethane
Concen: 10.204 ug/l
RT: 6.95 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.9	101.9
174	102.3	83.4	125.0

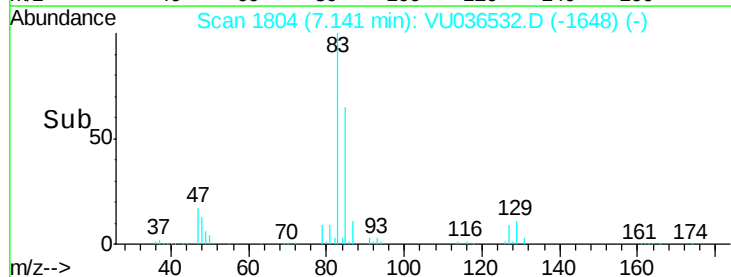
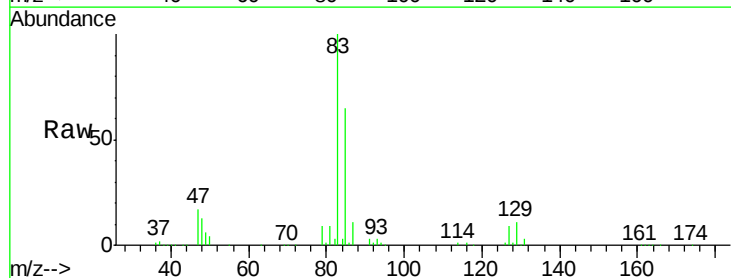
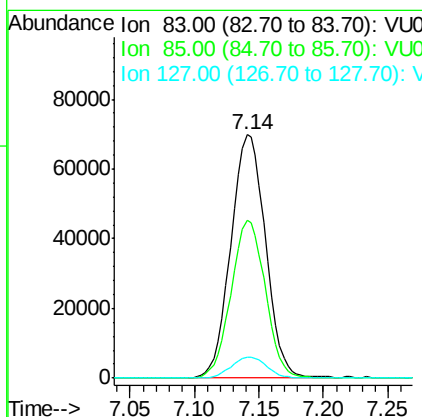
Manual Integrations
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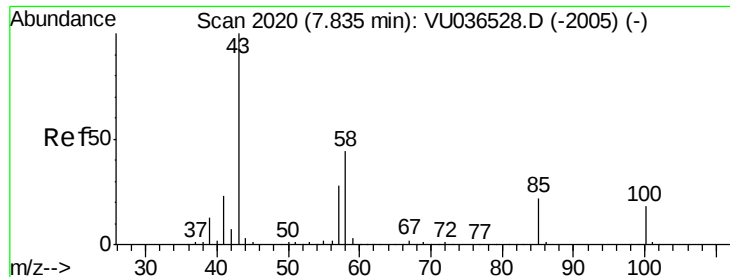
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#44
Bromodichloromethane
Concen: 10.233 ug/l
RT: 7.14 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.8	77.6
127	8.7	6.8	10.2





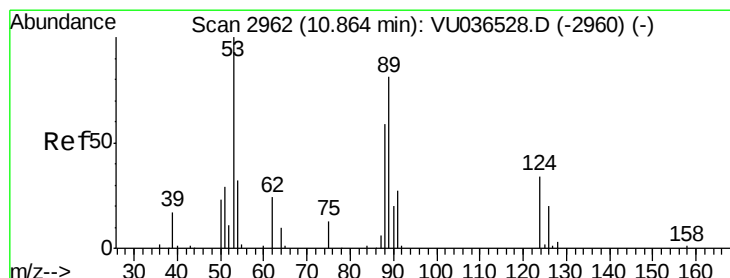
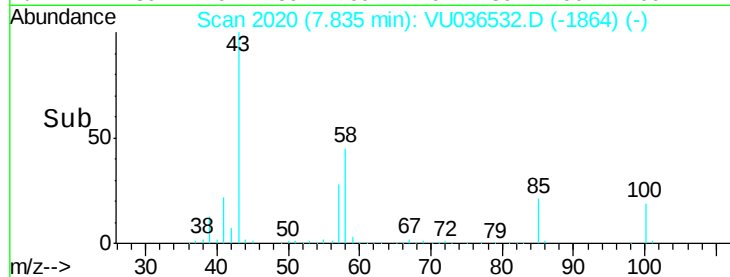
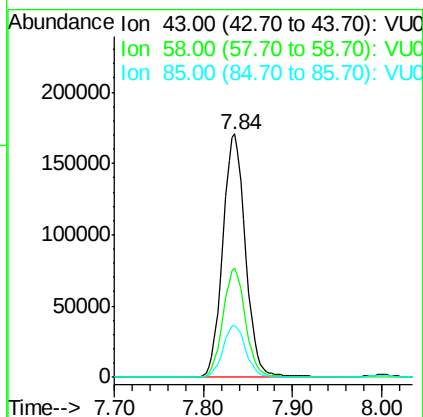
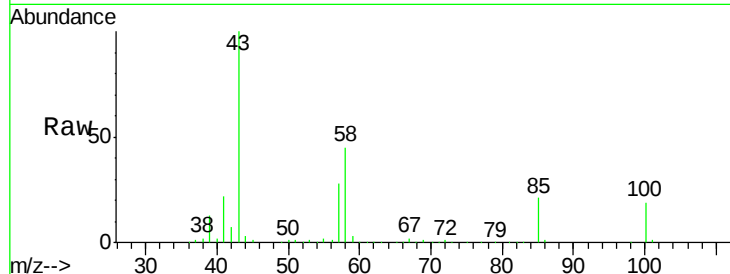
#45
4-Methyl-2-Pentanone
Concen: 49.705 ug/l
RT: 7.84 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
58	44.2	22.1	66.1	
85	21.5	17.4	26.0	

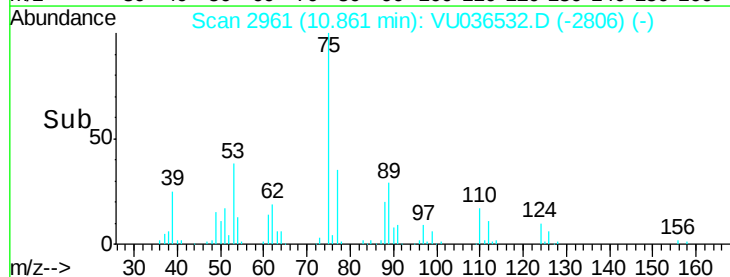
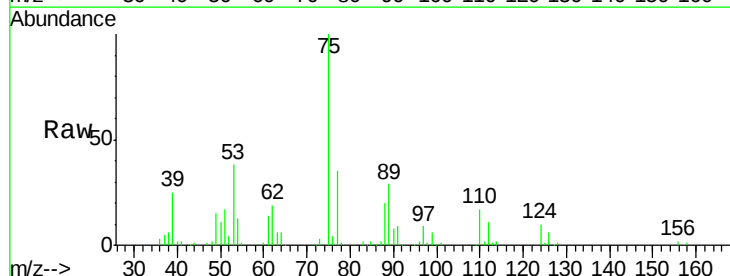
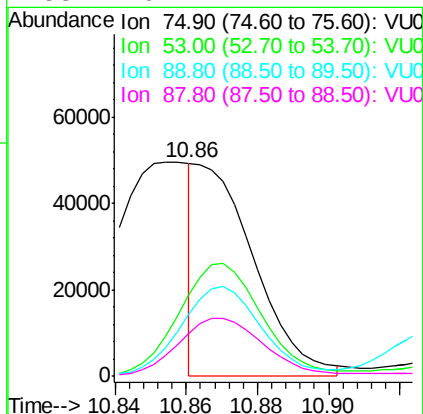
Manual Integrations
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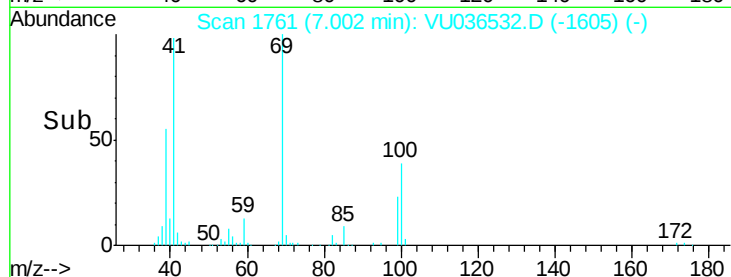
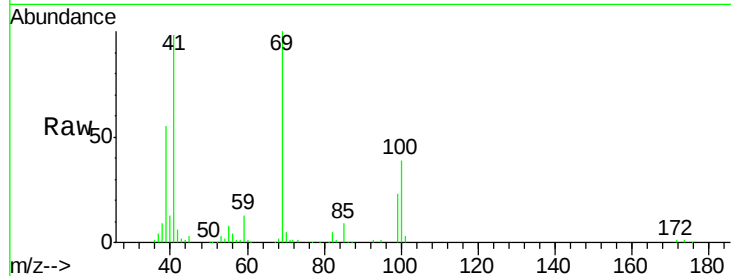
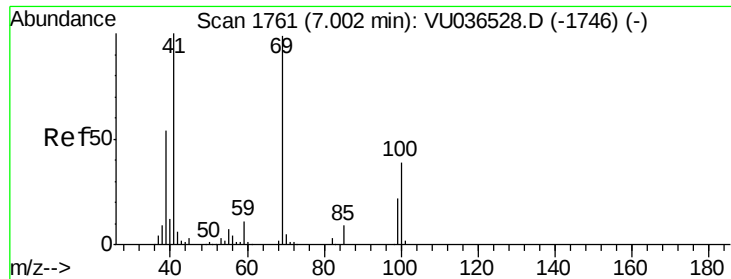
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#46
t-1,4-Dichloro-2-butene
Concen: 20.884 ug/l m
RT: 10.86 min Scan# 2961
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
53	76.5	52.2	78.2	
89	58.8	39.8	59.6	
88	40.4	27.4	41.2	





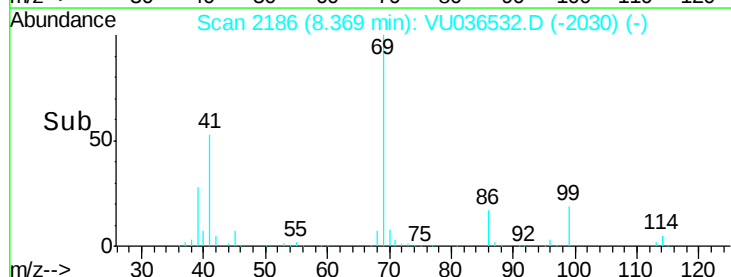
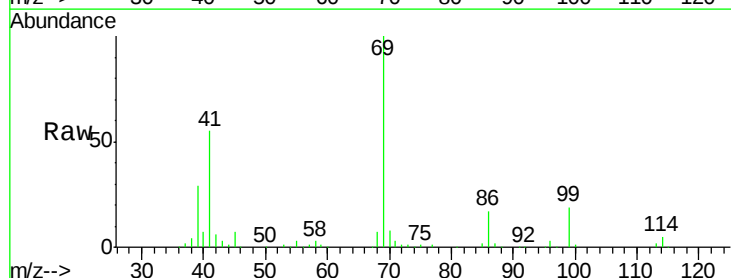
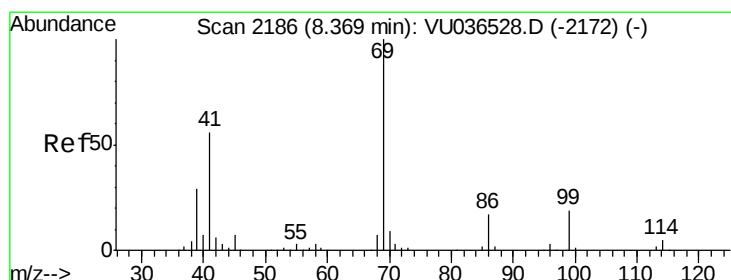
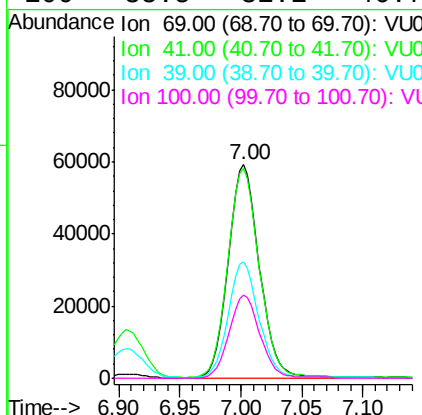
#47
Methyl methacrylate
Concen: 20.006 ug/l
RT: 7.00 min Scan# 1761
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100		105793		
41	99.0	0.0	200.8		
39	53.2	43.5	65.3		
100	38.5	31.1	46.7		

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

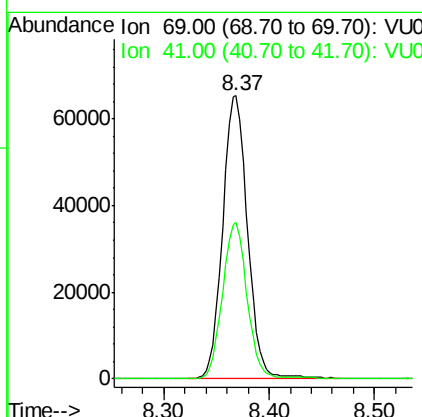
Manual Integrations
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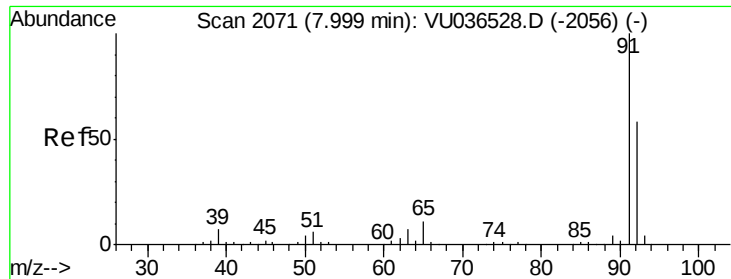
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#48
Ethyl methacrylate
Concen: 10.451 ug/l
RT: 8.37 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		106751		
41	54.7	27.9	83.6		





#49

Toluene

Concen: 10.084 ug/l

RT: 8.00 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 92 Resp: 264702

Ion Ratio Lower Upper

92 100

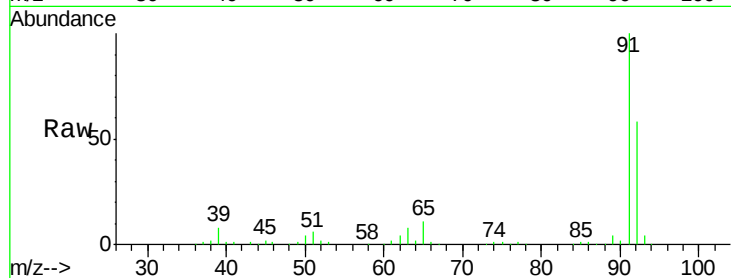
91 172.6 139.1 208.7

Manual Integrations

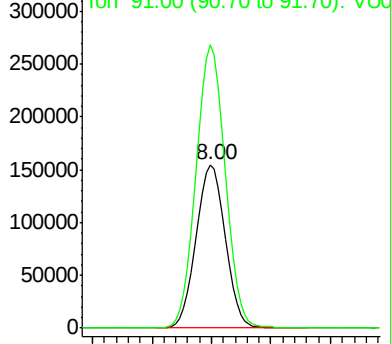
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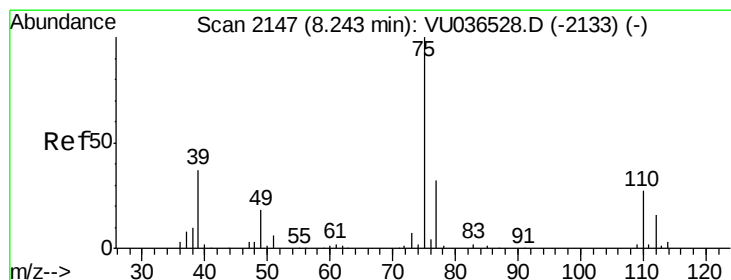
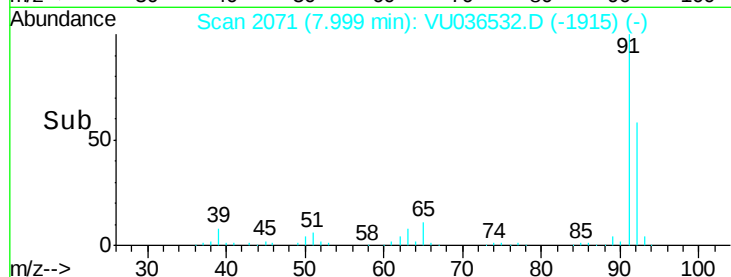
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Abundance Ion 92.00 (91.70 to 92.70): VU036528.D (-2056) (-)



Time-->



#50

t-1,3-Dichloropropene

Concen: 10.801 ug/l

RT: 8.24 min Scan# 2146

Delta R.T. -0.00 min

Lab File: VU036532.D

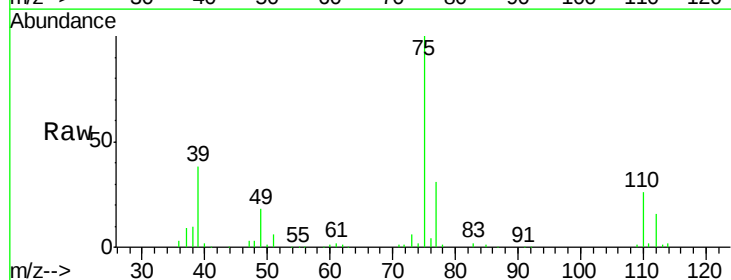
Acq: 23 Jan 2020 10:00

Tgt Ion: 75 Resp: 137384

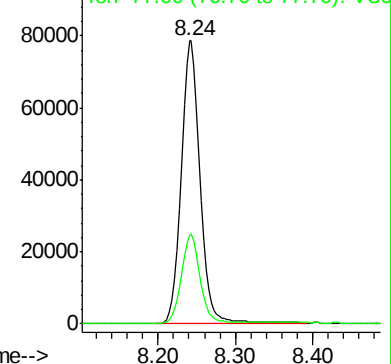
Ion Ratio Lower Upper

75 100

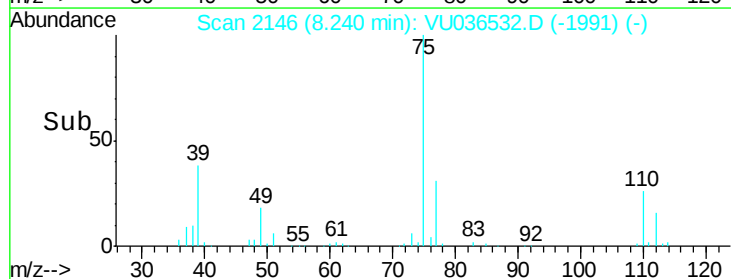
77 31.0 25.4 38.2

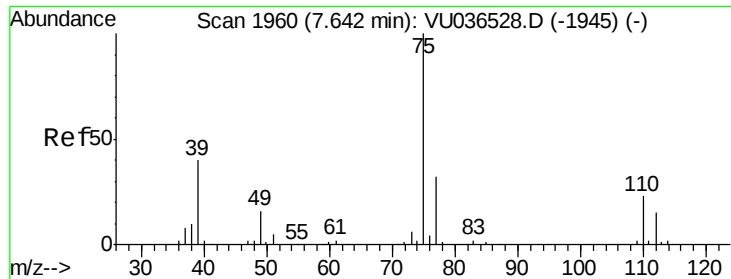


Abundance Ion 75.00 (74.70 to 75.70): VU036528.D (-2133) (-)



Time-->





#51

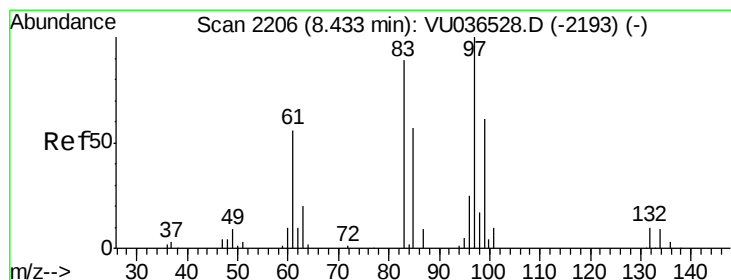
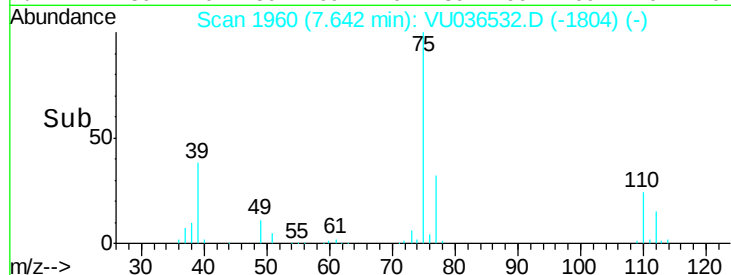
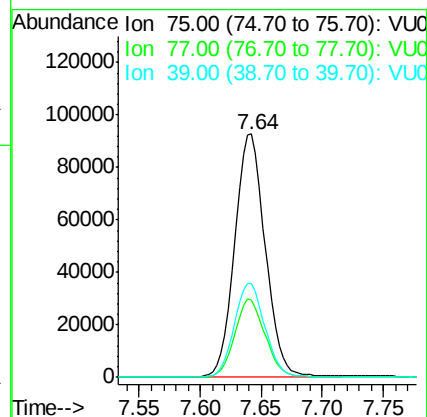
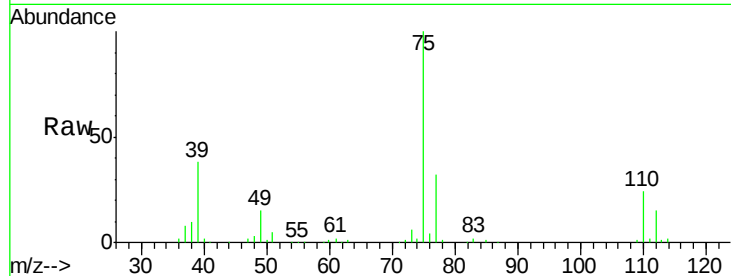
cis-1,3-Dichloropropene
Concen: 10.548 ug/l
RT: 7.64 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	38.3	31.8	47.6

Manual Integrations
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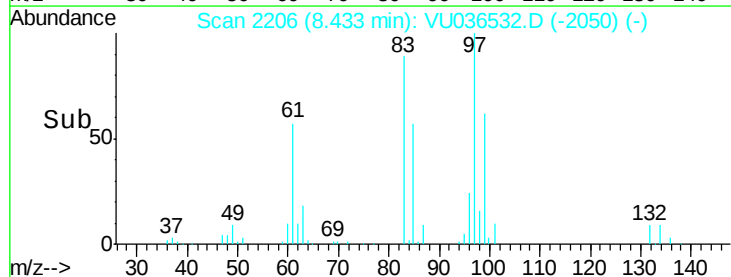
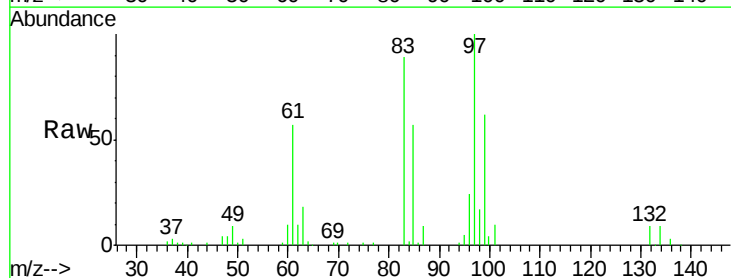
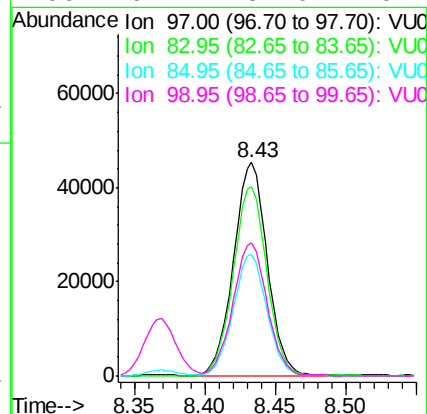
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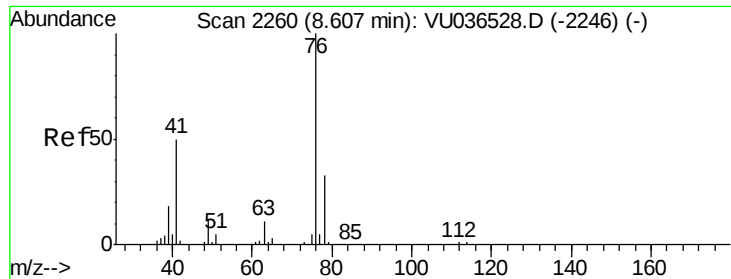


#52

1,1,2-Trichloroethane
Concen: 9.972 ug/l
RT: 8.43 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.9	106.3
85	56.9	45.6	68.4
99	62.1	51.0	76.4





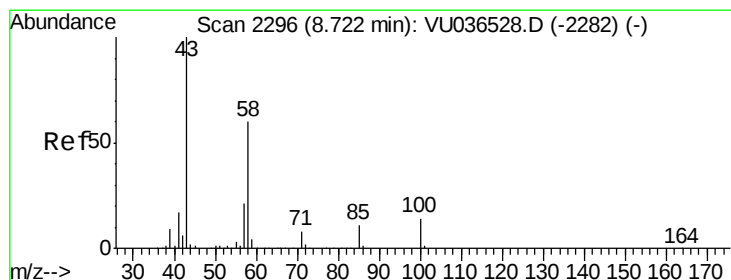
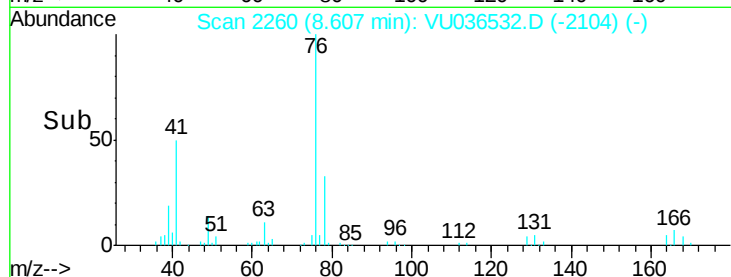
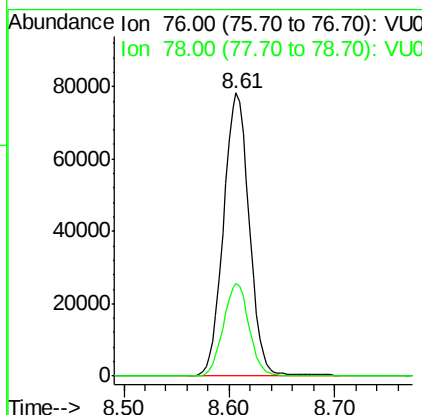
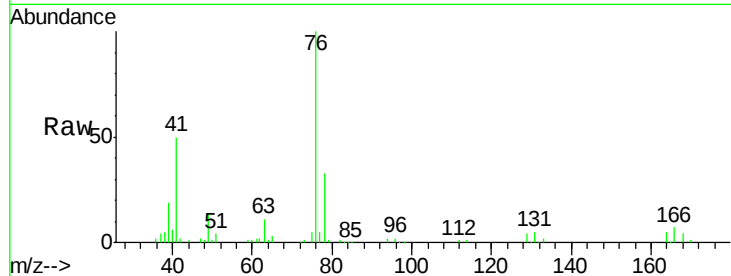
#53
 1,3-Dichloropropane
 Concen: 10.103 ug/l
 RT: 8.61 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion: 76 Resp: 132585
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.4 38.2

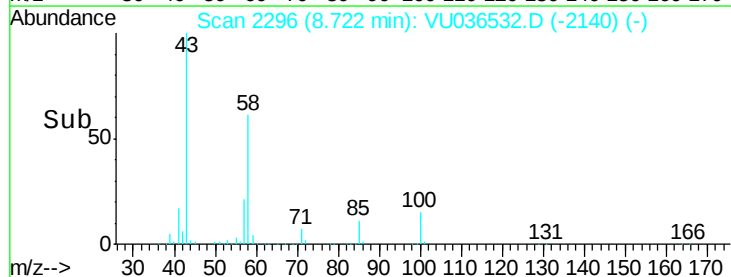
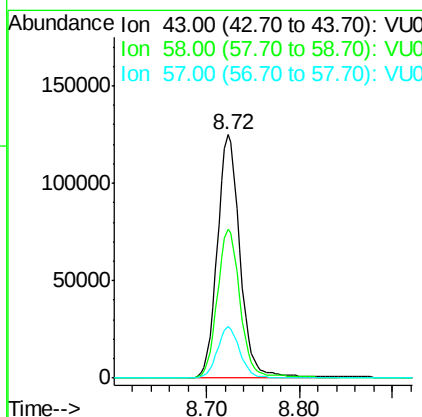
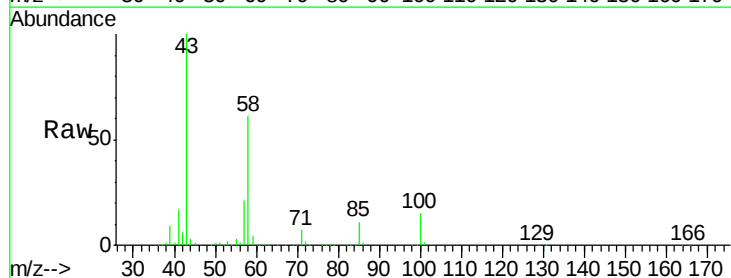
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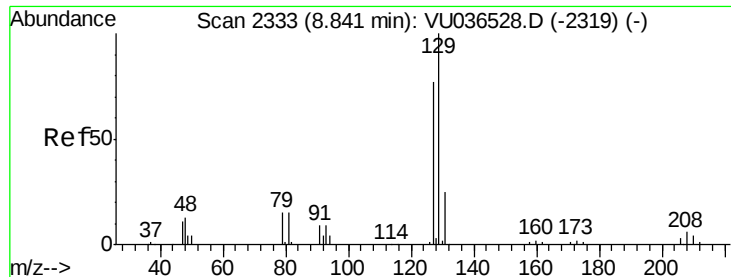
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#54
 2-Hexanone
 Concen: 50.198 ug/l
 RT: 8.72 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion: 43 Resp: 214035
 Ion Ratio Lower Upper
 43 100
 58 62.1 40.6 80.6
 57 20.8 1.2 41.2





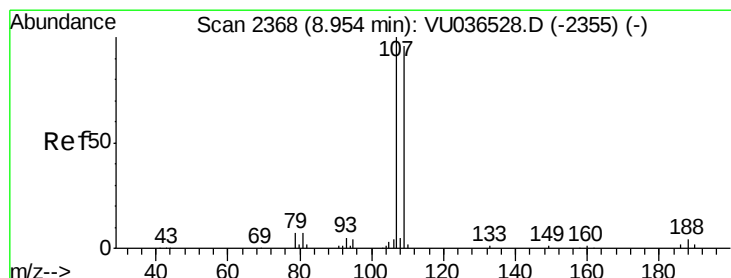
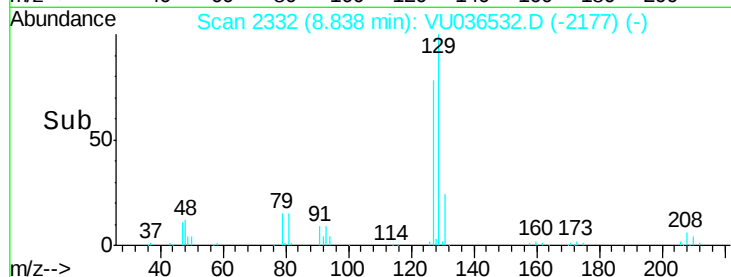
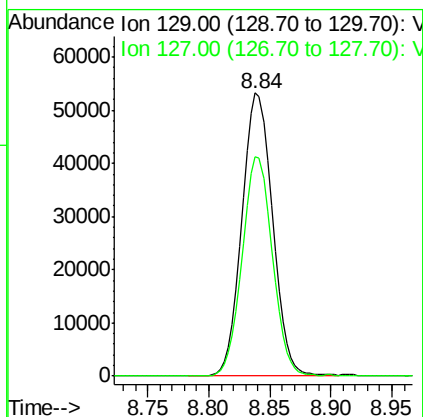
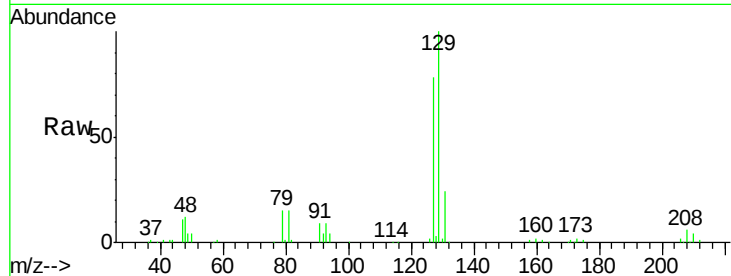
#55
 Dibromochloromethane
 Concen: 10.493 ug/l
 RT: 8.84 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:129 Resp: 92495
 Ion Ratio Lower Upper
 129 100
 127 76.1 62.6 94.0

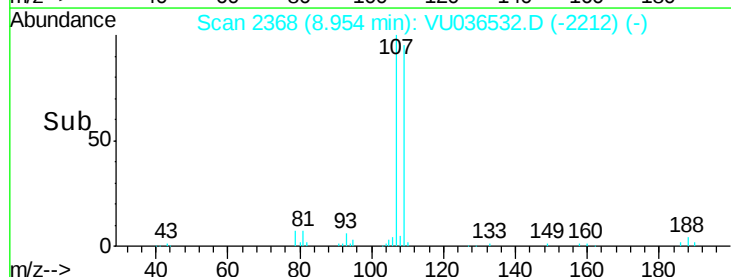
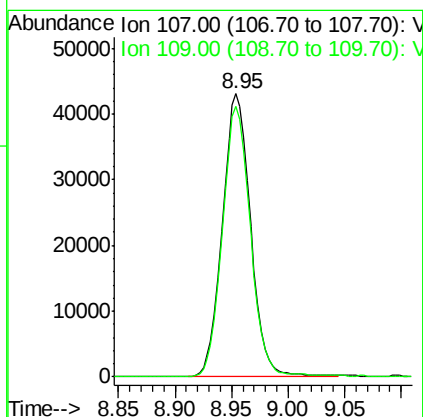
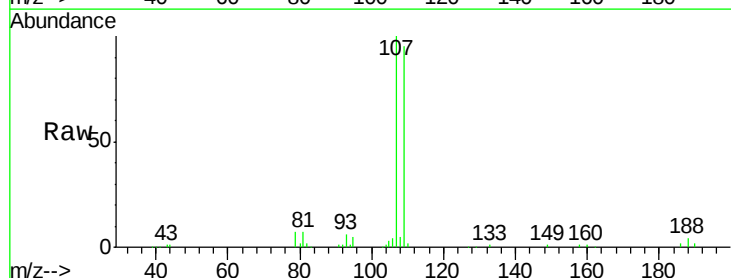
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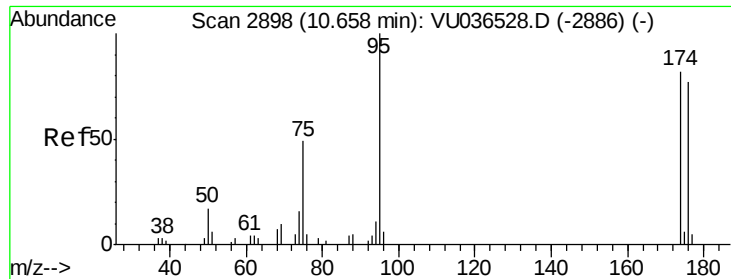
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#56
 1,2-Dibromoethane
 Concen: 10.173 ug/l
 RT: 8.95 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion:107 Resp: 75000
 Ion Ratio Lower Upper
 107 100
 109 94.8 0.0 190.8





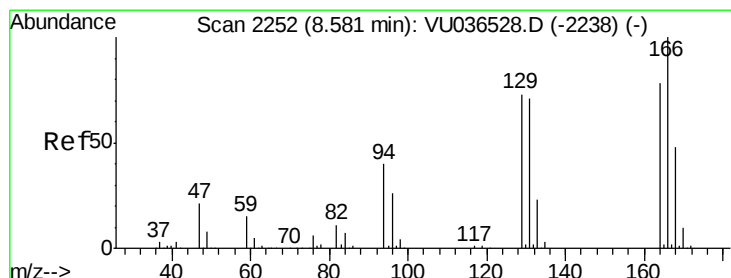
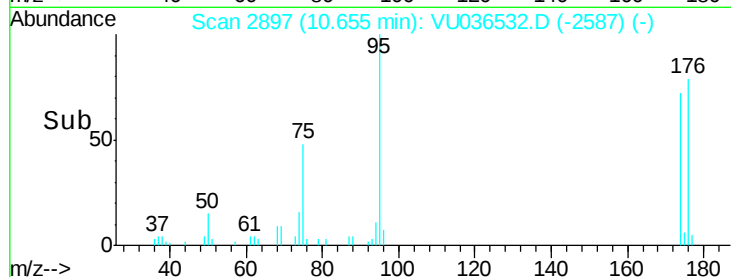
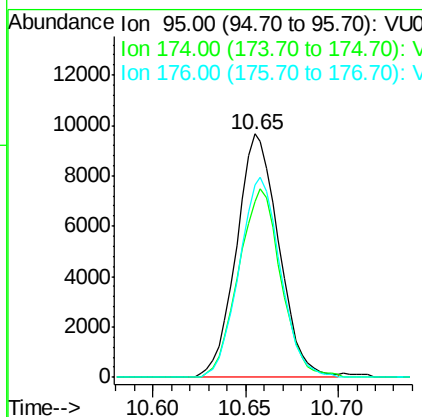
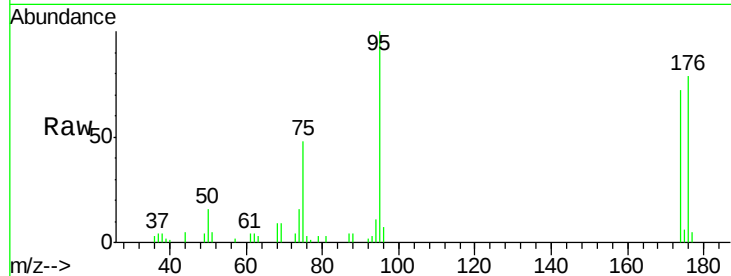
#57
4-Bromofluorobenzene
Concen: 1.093 ug/l
RT: 10.65 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
95	100		
174	77.6	64.7	97.1
176	80.1	60.6	91.0

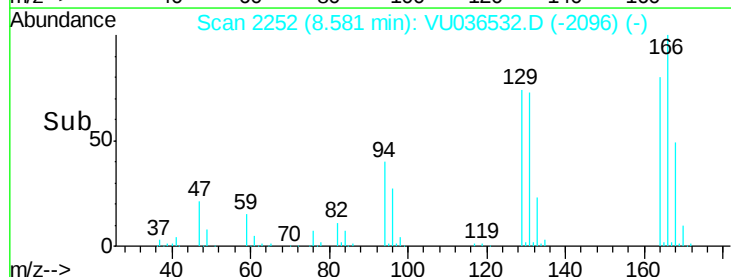
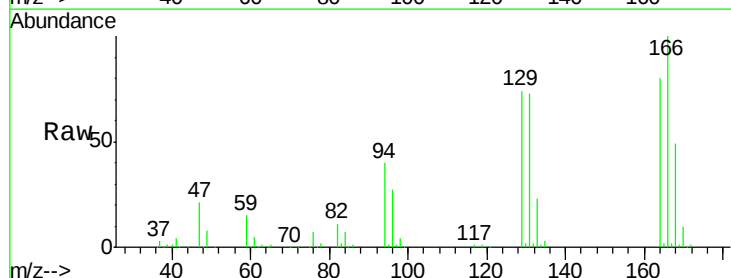
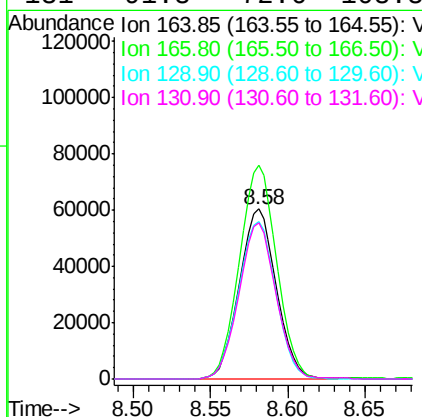
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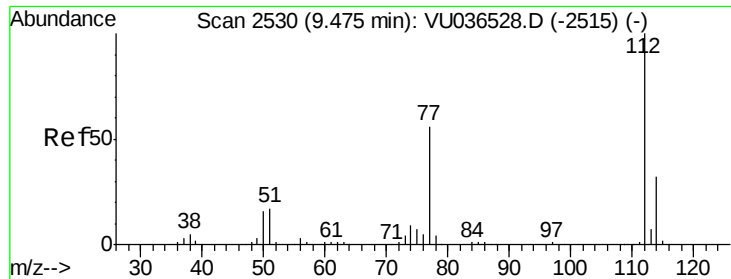
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#58
Tetrachloroethene
Concen: 8.876 ug/l
RT: 8.58 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	102.0	153.0
129	92.5	74.9	112.3
131	91.8	72.6	108.8





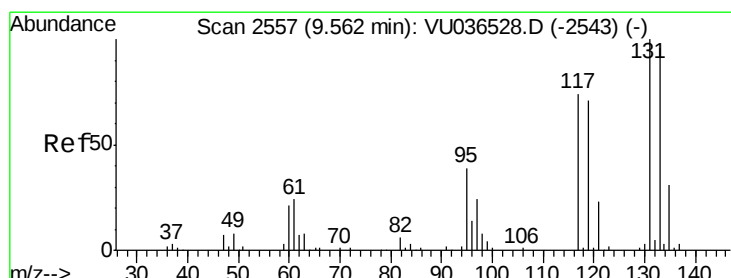
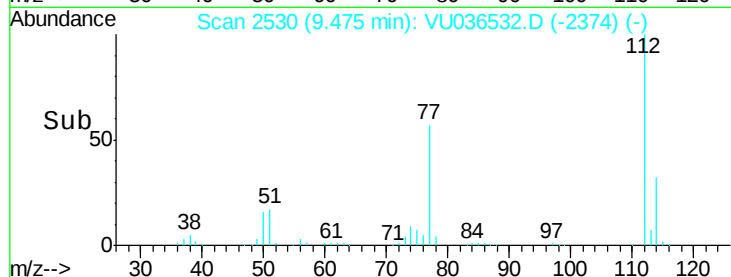
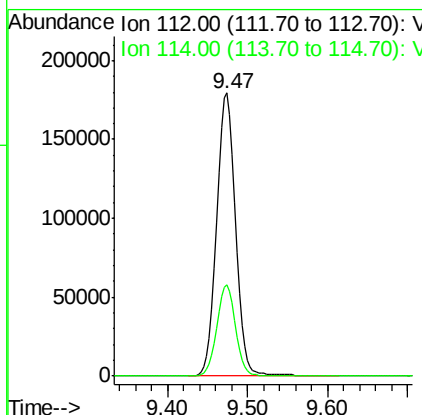
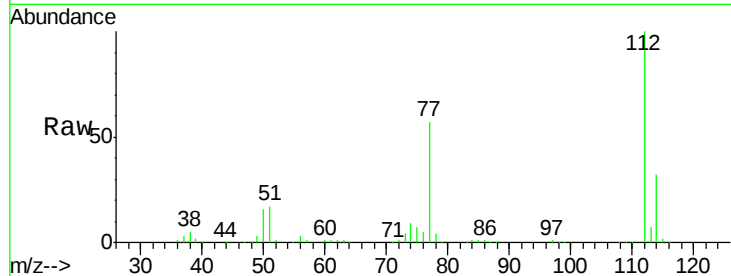
#59
Chlorobenzene
Concen: 10.199 ug/l
RT: 9.47 min Scan# 2530
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:112 Resp: 298203
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8

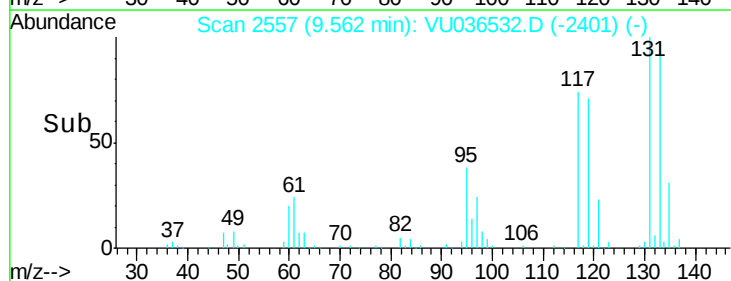
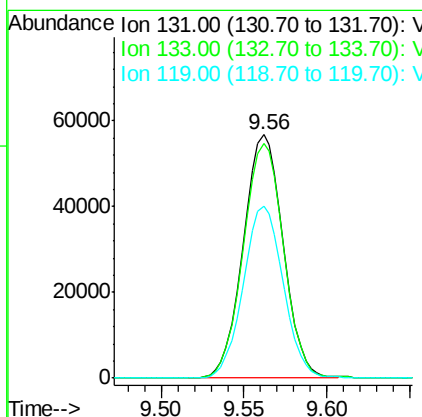
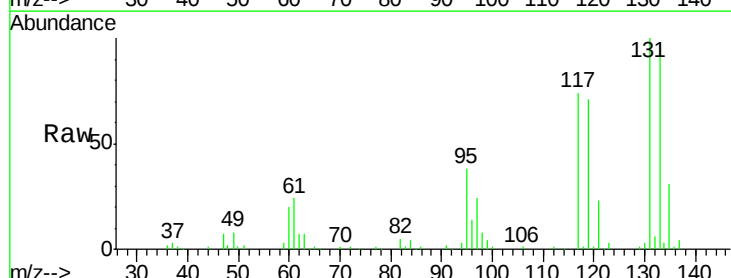
Manual Integrations
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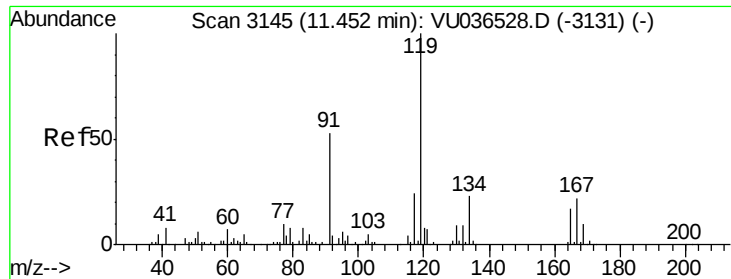
apatel
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#60
1,1,1,2-Tetrachloroethane
Concen: 10.191 ug/l
RT: 9.56 min Scan# 2557
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion:131 Resp: 95170
Ion Ratio Lower Upper
131 100
133 97.9 76.4 114.6
119 71.0 56.6 85.0





#61

Pentachloroethane

Concen: 12.905 ug/l

RT: 11.45 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:117 Resp: 77748

Ion Ratio Lower Upper

117 100

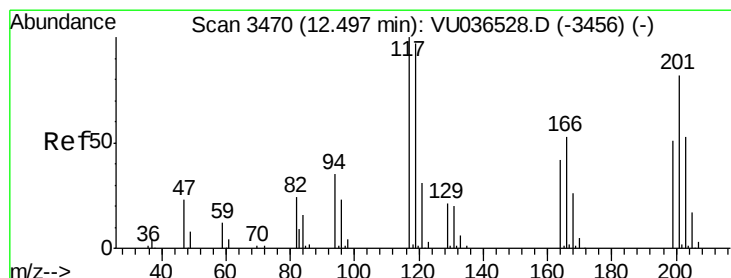
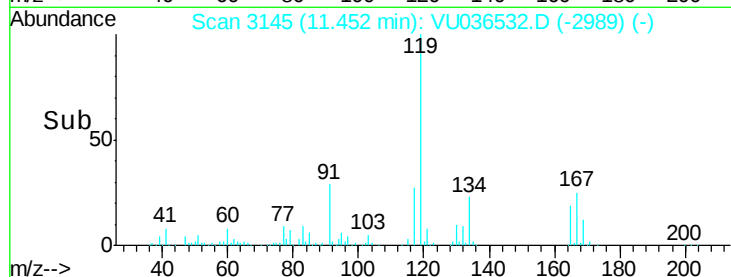
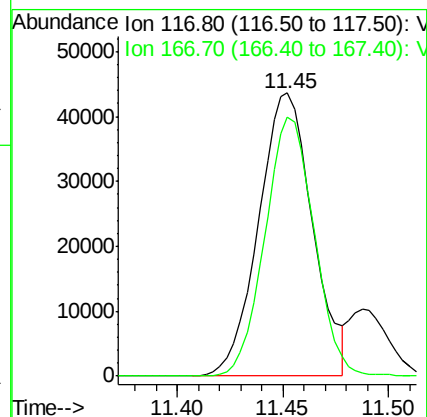
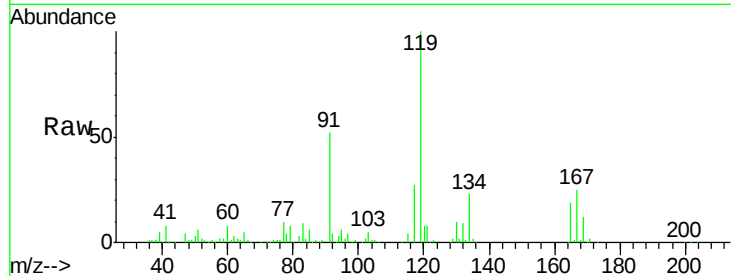
167 83.6 66.7 100.1

Manual Integrations

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#62

Hexachloroethane

Concen: 10.239 ug/l

RT: 12.50 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VU036532.D

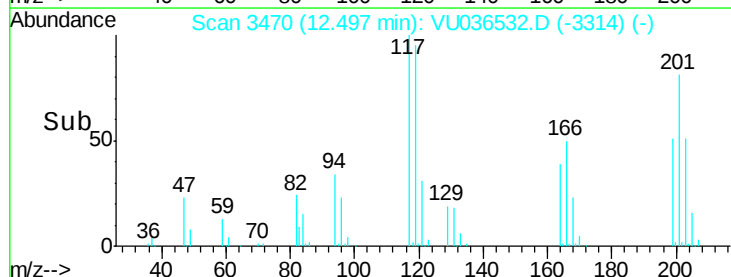
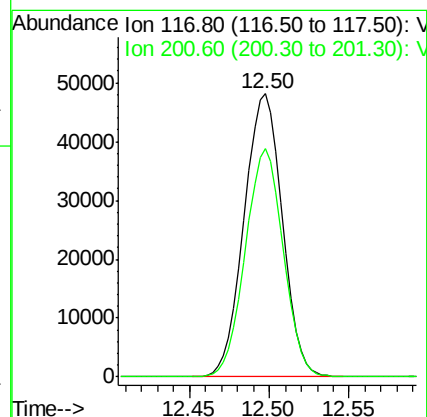
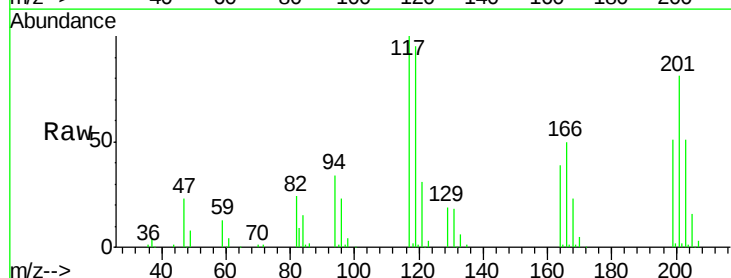
Acq: 23 Jan 2020 10:00

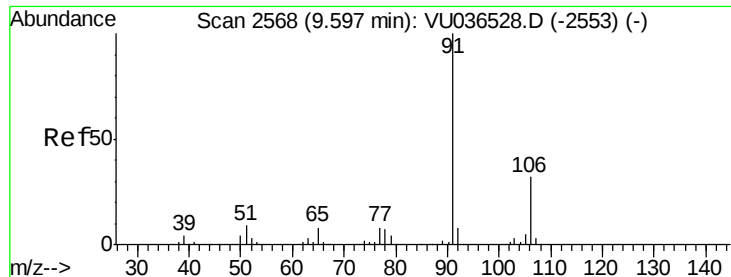
Tgt Ion:117 Resp: 78620

Ion Ratio Lower Upper

117 100

201 79.9 65.0 97.4





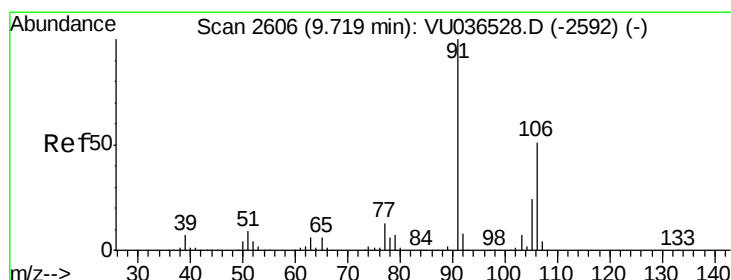
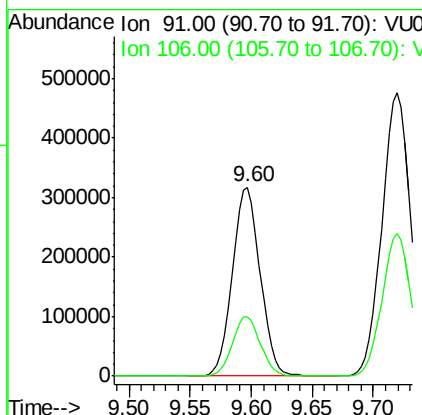
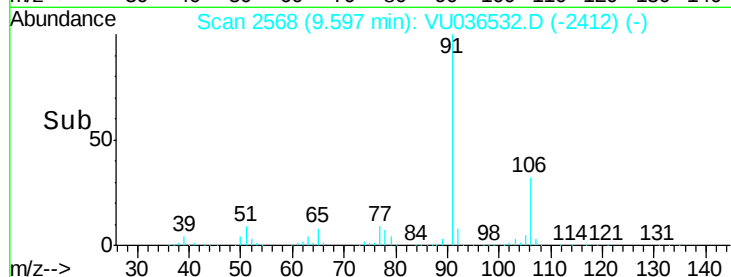
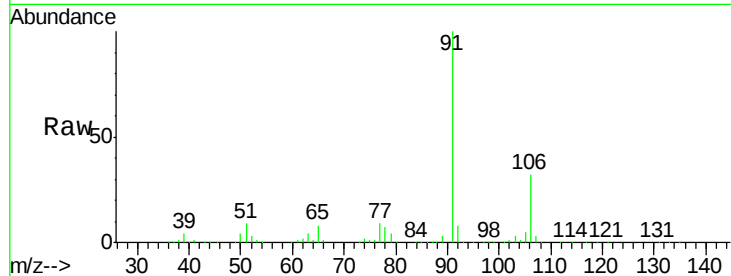
#63
Ethyl Benzene
Concen: 10.301 ug/l
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC010

Tot Ion: 91 Resp: 504761
Ion Ratio Lower Upper
91 100
106 31.7 26.0 39.0

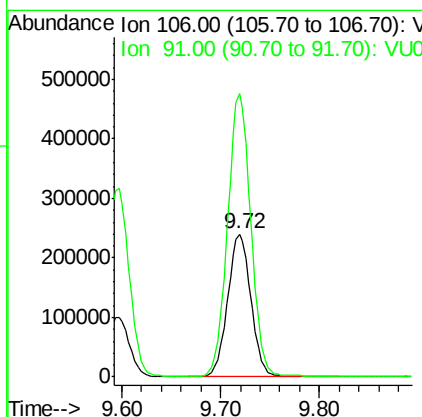
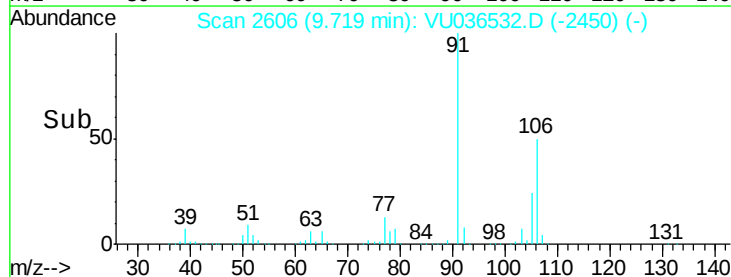
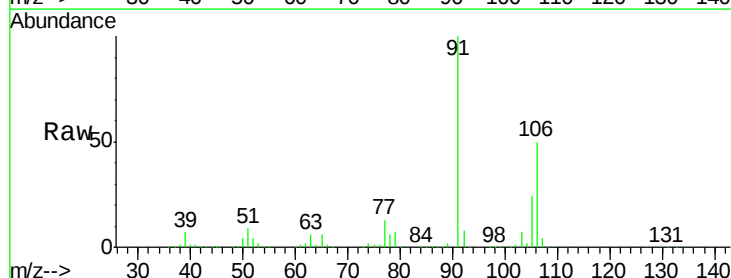
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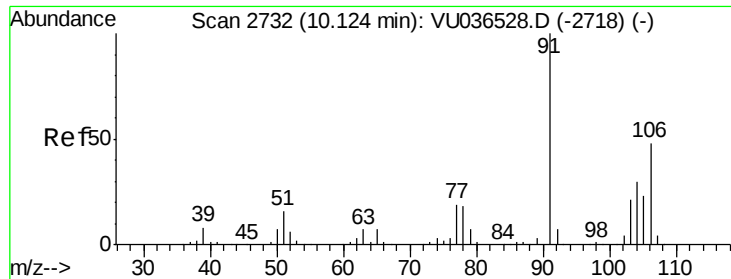
apatel
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#64
m/p-Xylenes
Concen: 20.365 ug/l
RT: 9.72 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 106 Resp: 395015
Ion Ratio Lower Upper
106 100
91 198.1 158.2 237.4





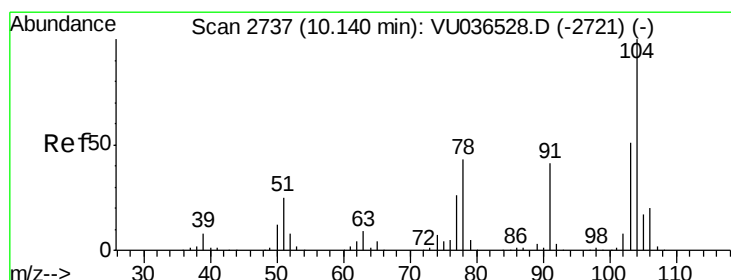
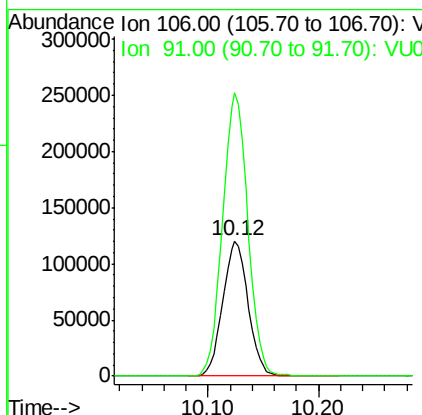
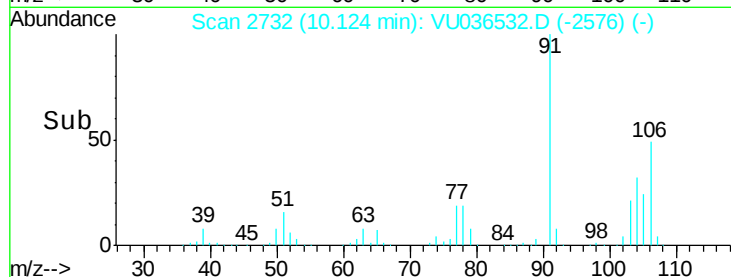
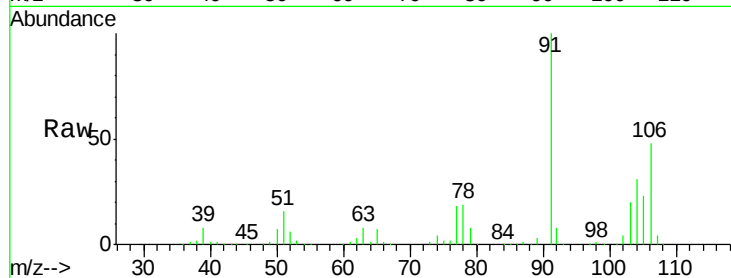
#65
o-Xylene
Concen: 10.189 ug/l
RT: 10.12 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:106 Resp: 191369
Ion Ratio Lower Upper
106 100
91 209.7 104.3 312.9

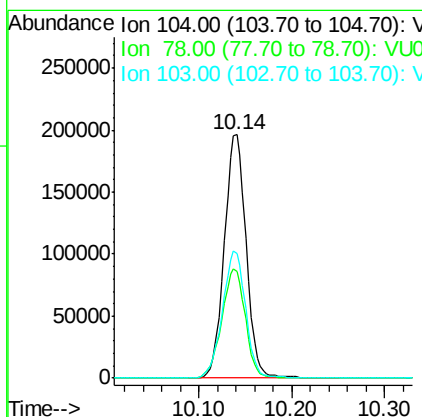
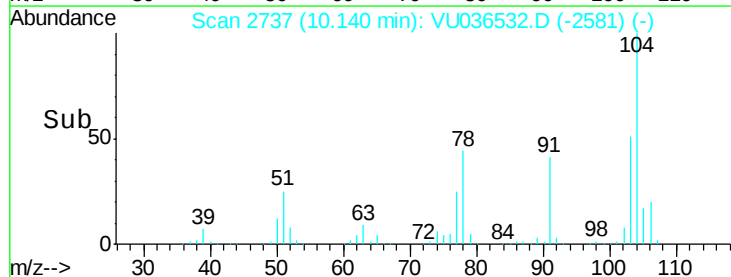
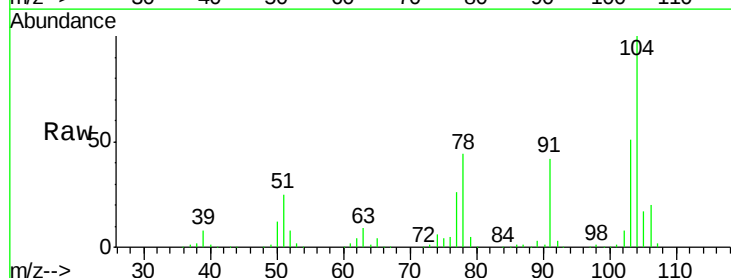
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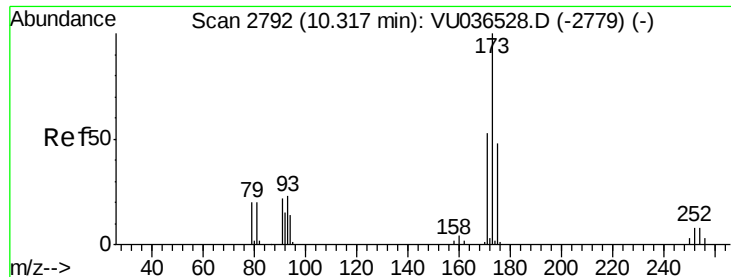
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#66
Styrene
Concen: 10.260 ug/l
RT: 10.14 min Scan# 2737
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion:104 Resp: 322707
Ion Ratio Lower Upper
104 100
78 48.4 38.6 57.8
103 55.3 44.4 66.6





#67

Bromoform

Concen: 10.466 ug/l

RT: 10.32 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

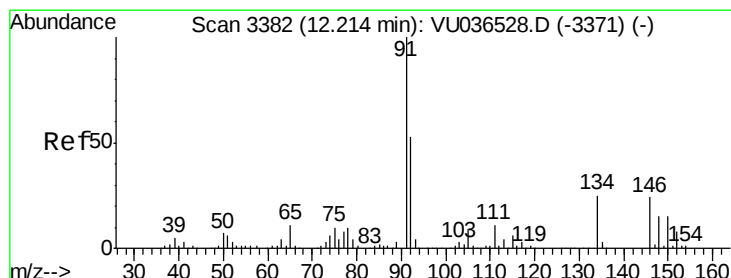
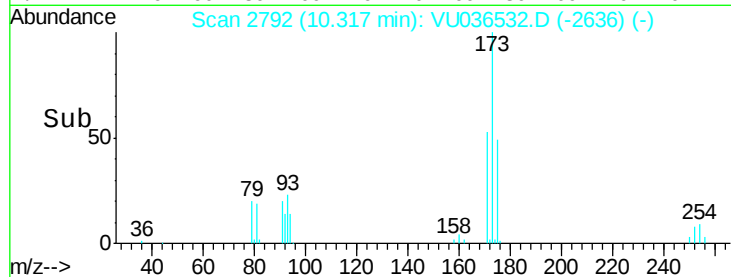
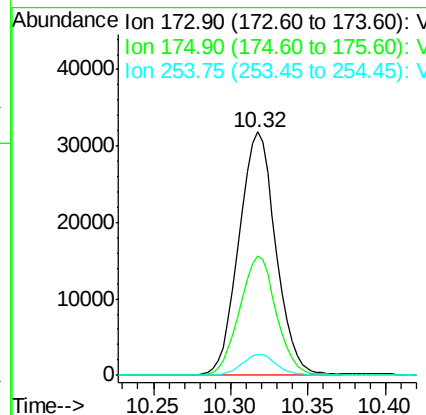
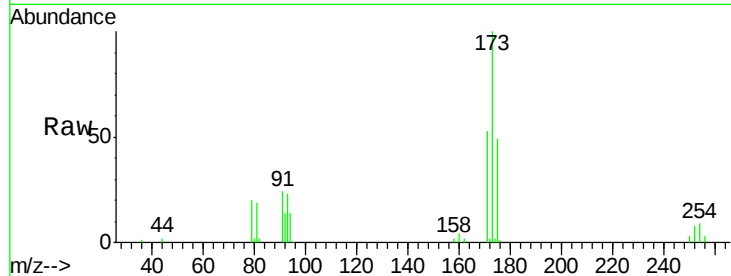
ClientSampleId :

VSTDCCC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.3	57.5
254	8.1	6.6	9.8

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#68

1,2-Dichlorobenzene-d4

Concen: 0.982 ug/l

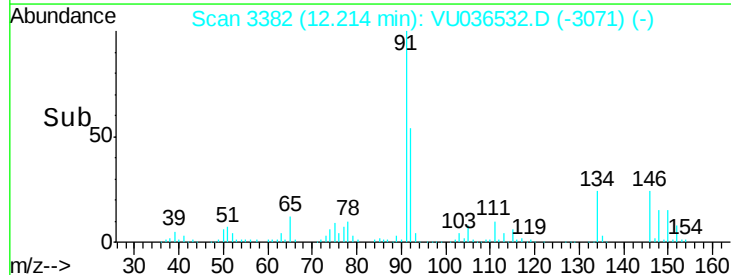
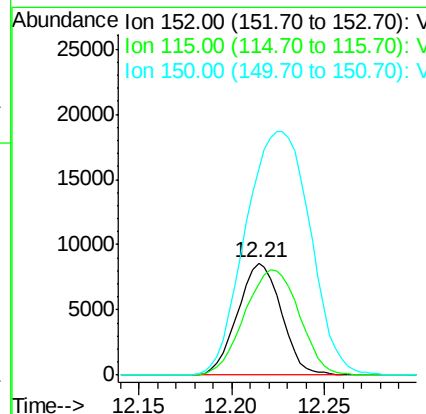
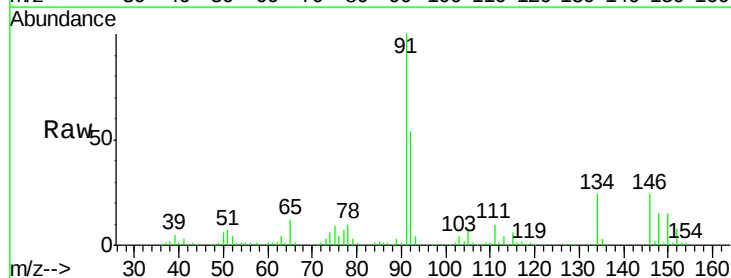
RT: 12.21 min Scan# 3382

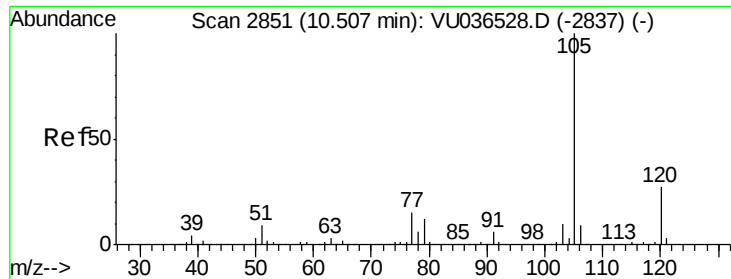
Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	117.5	0.0	241.8
150	321.6	0.0	652.4





#69

Isopropylbenzene

Concen: 10.211 ug/l

RT: 10.51 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 503824

Ion Ratio Lower Upper

105 100

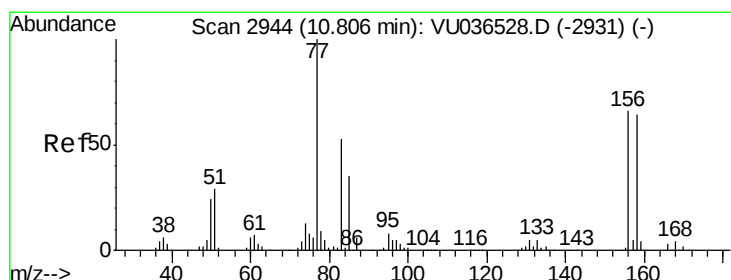
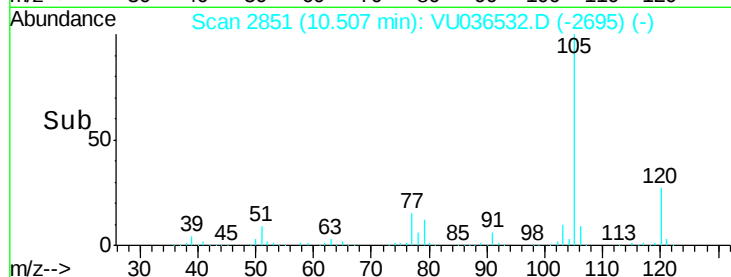
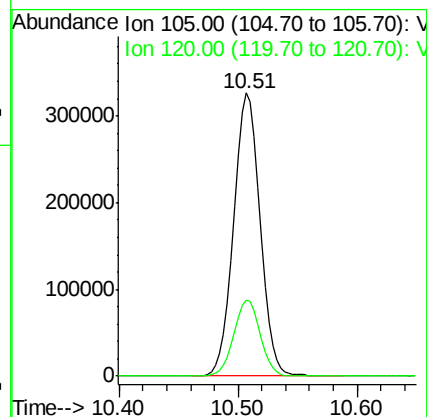
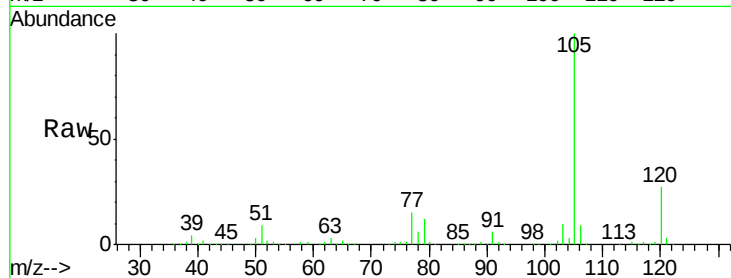
120 26.9 13.6 40.7

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#70

1,1,2,2-Tetrachloroethane

Concen: 10.288 ug/l

RT: 10.81 min Scan# 2945

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

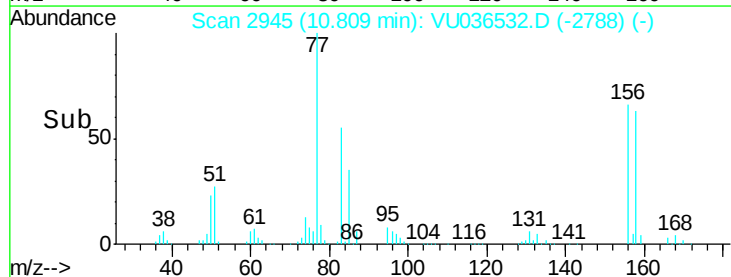
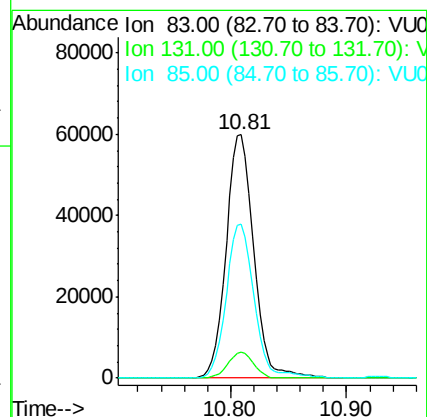
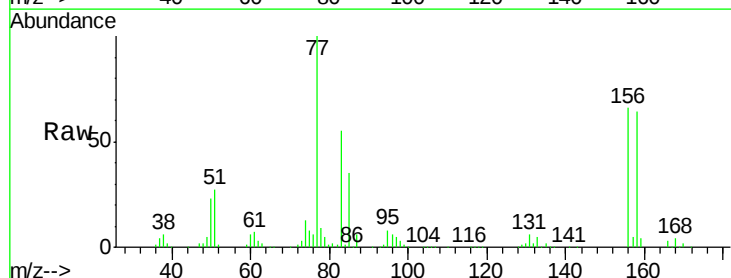
Tgt Ion: 83 Resp: 99382

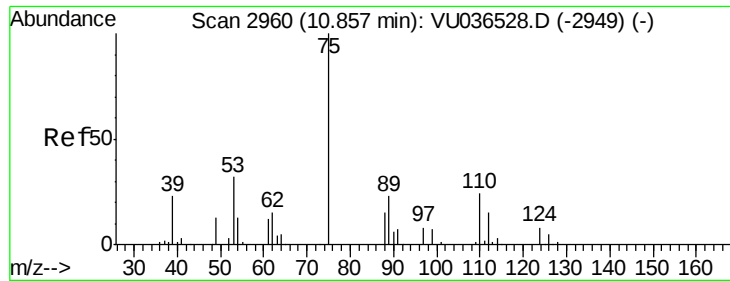
Ion Ratio Lower Upper

83 100

131 9.9 7.8 11.8

85 63.9 53.2 79.8





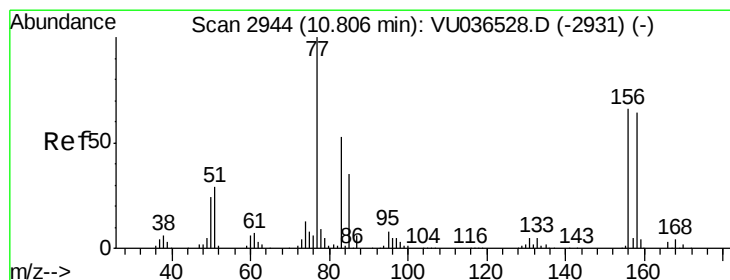
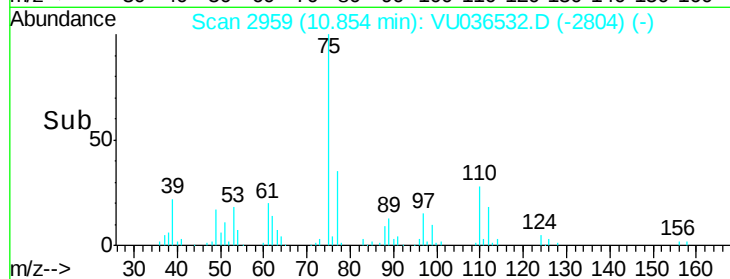
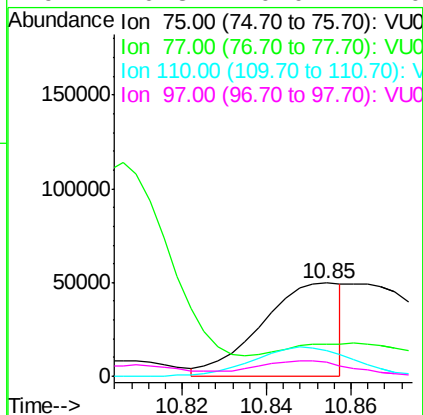
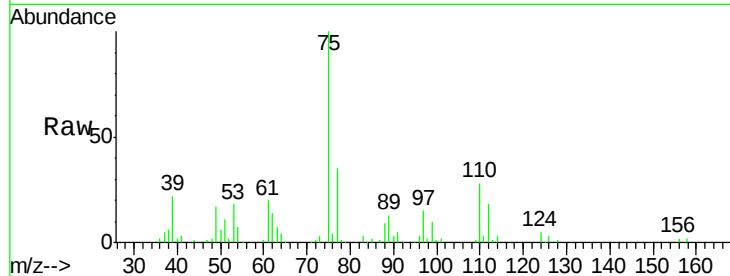
#71
1,2,3-Trichloropropane
Concen: 9.575 ug/l m
RT: 10.85 min Scan# 2959
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:	75	Resp:	65996
Ion	Ratio	Lower	Upper
75	100		
77	62.5	0.0	129.6
110	39.0	0.0	77.4
97	20.3	0.0	42.0

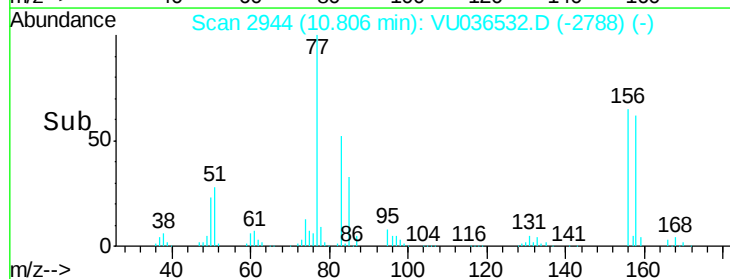
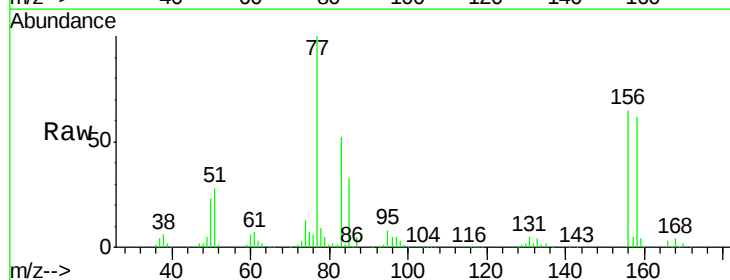
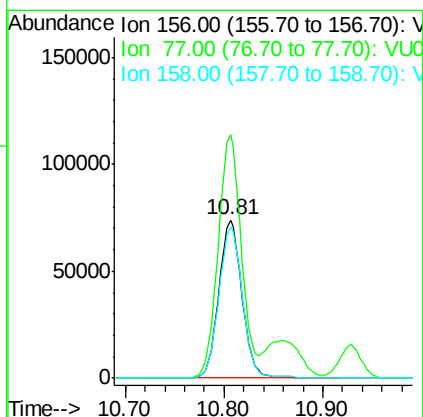
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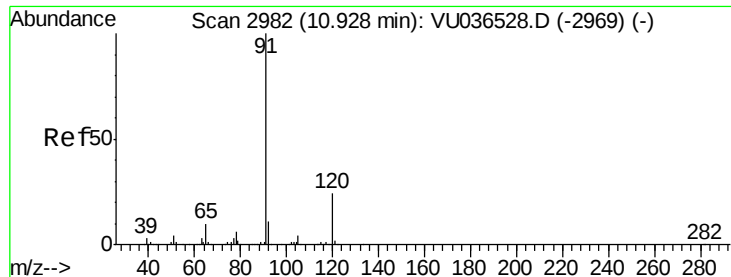
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#72
Bromobenzene
Concen: 10.320 ug/l
RT: 10.81 min Scan# 2944
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion:	156	Resp:	122686
Ion	Ratio	Lower	Upper
156	100		
77	153.4	0.0	306.6
158	96.7	0.0	192.0





#73

n-propylbenzene

Concen: 10.419 ug/l

RT: 10.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:120 Resp: 144240

Ion Ratio Lower Upper

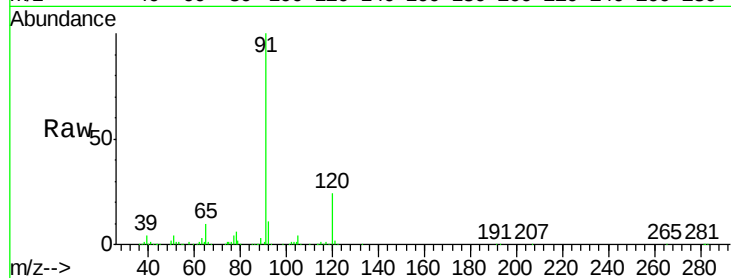
120 100

91 415.4 329.5 494.3

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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0

400000

300000

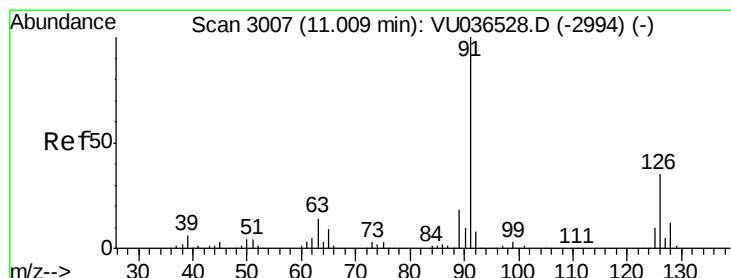
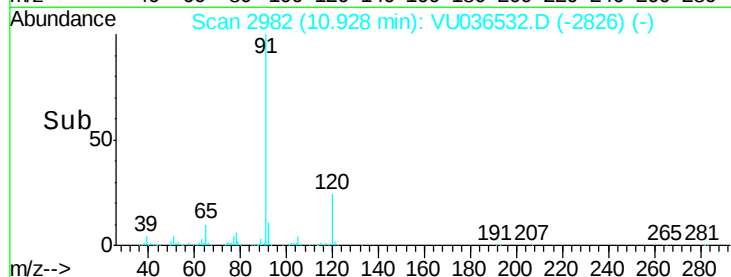
200000

100000

0

10.85 10.90 10.95 11.00

Time-->



#74

2-Chlorotoluene

Concen: 10.031 ug/l

RT: 11.01 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU036532.D

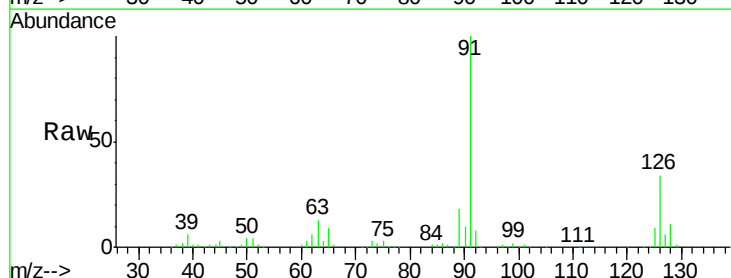
Acq: 23 Jan 2020 10:00

Tgt Ion:126 Resp: 119283

Ion Ratio Lower Upper

126 100

91 288.0 0.0 567.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

400000

300000

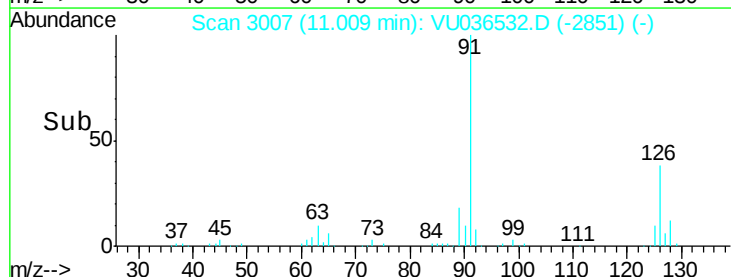
200000

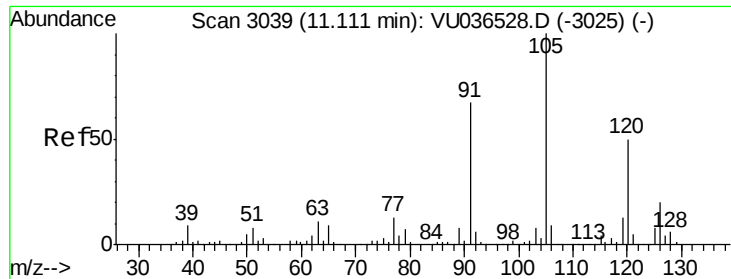
100000

0

10.95 11.00 11.05

Time-->





#75

1,3,5-Trimethylbenzene

Concen: 10.126 ug/l

RT: 11.11 min Scan# 3039

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 428534

Ion Ratio Lower Upper

105 100

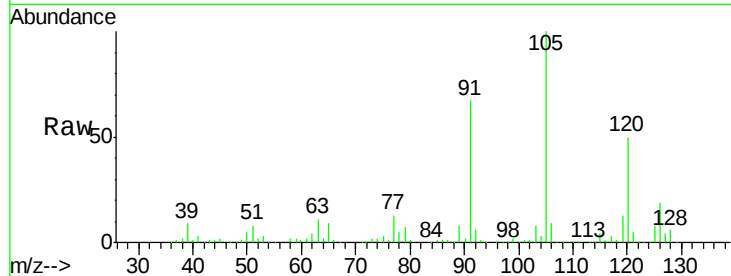
120 49.8 39.8 59.8

Manual Integrations

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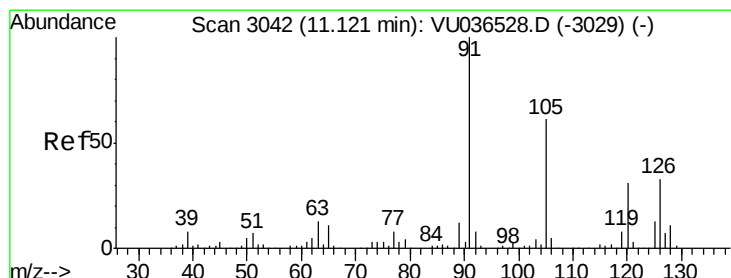
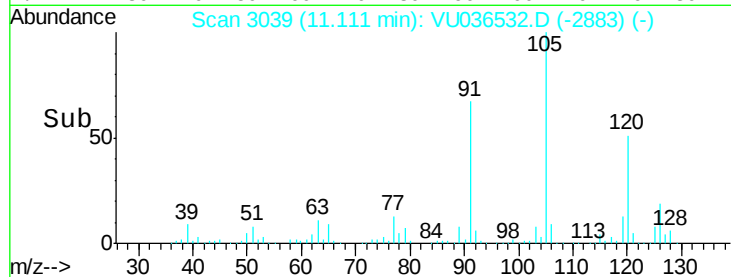
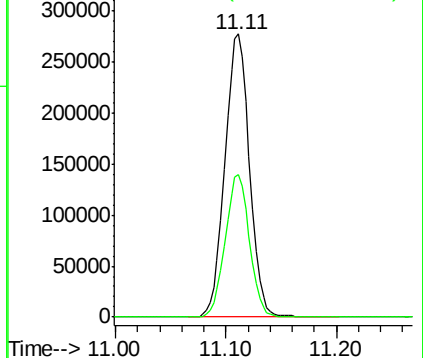
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 10.145 ug/l

RT: 11.12 min Scan# 3042

Delta R.T. 0.00 min

Lab File: VU036532.D

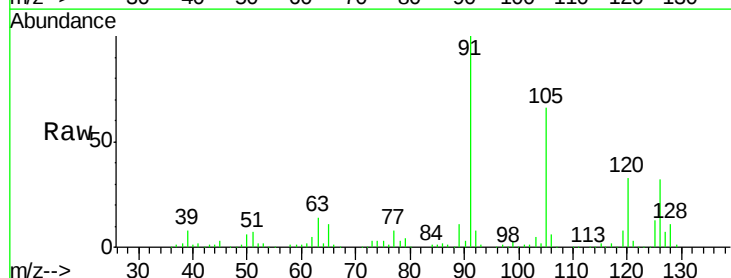
Acq: 23 Jan 2020 10:00

Tgt Ion:126 Resp: 124646

Ion Ratio Lower Upper

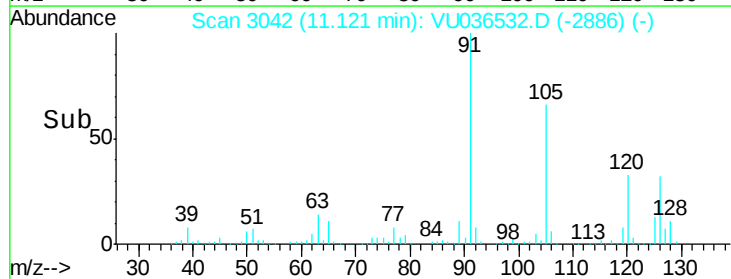
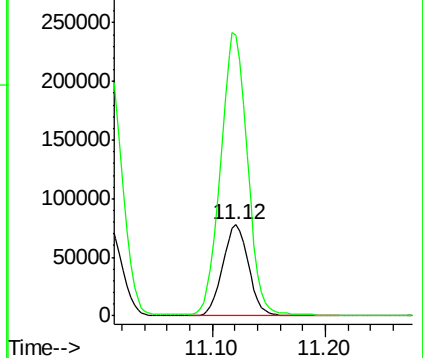
126 100

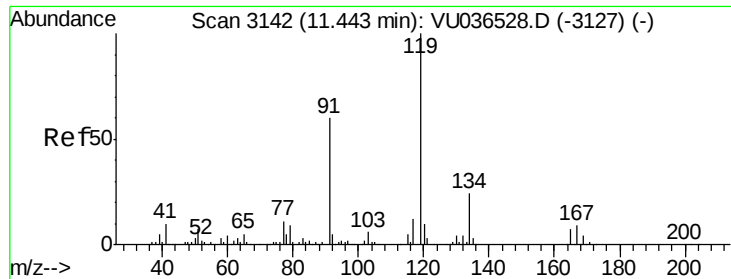
91 322.1 0.0 633.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 10.382 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

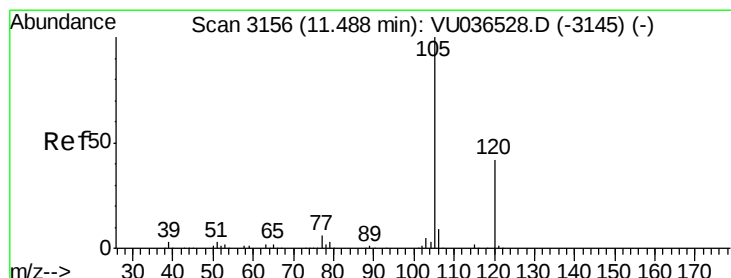
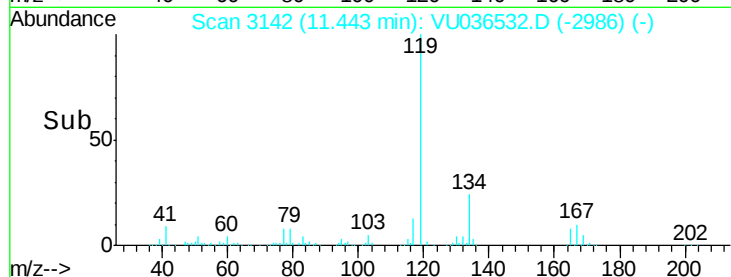
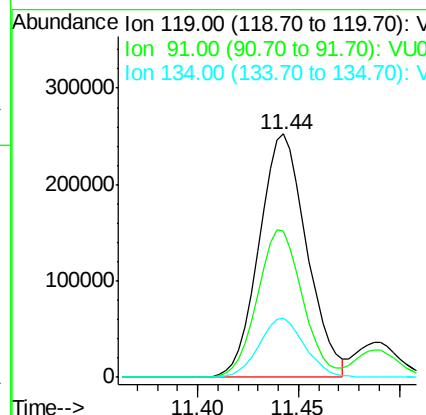
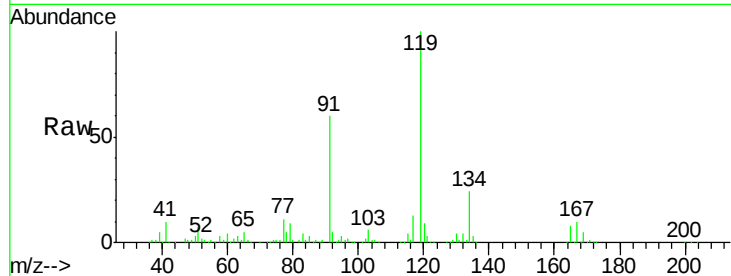
ClientSampleId :

VSTDCCC010

Tot Ion:	119	Resp:	416342
Ion Ratio	Lower	Upper	
119	100		
91	57.2	29.3	87.8
134	23.3	19.0	28.4

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#78

1,2,4-Trimethylbenzene

Concen: 10.117 ug/l

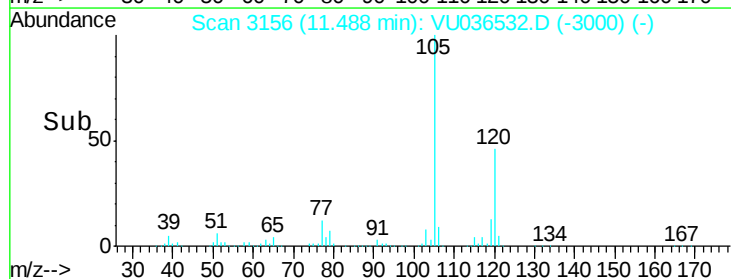
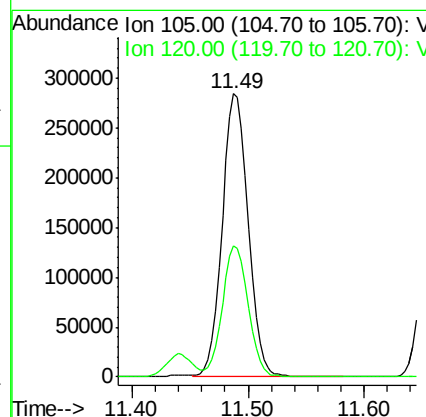
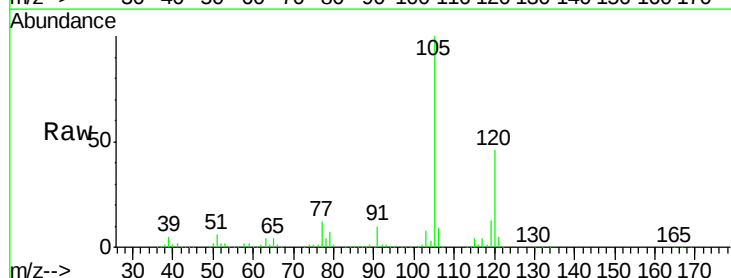
RT: 11.49 min Scan# 3156

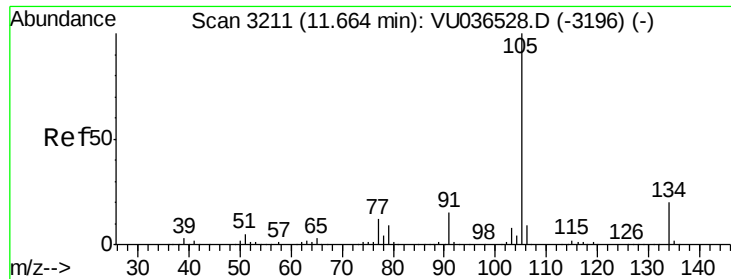
Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Tgt Ion:	105	Resp:	441457
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.3	69.8





#79

sec-Butylbenzene

Concen: 10.142 ug/l

RT: 11.66 min Scan# 3211

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 564241

Ion Ratio Lower Upper

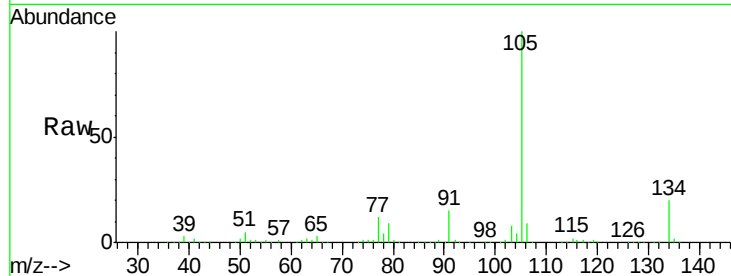
105 100

134 20.0 16.0 24.0

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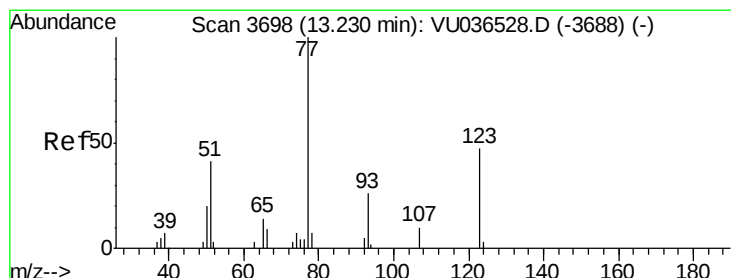
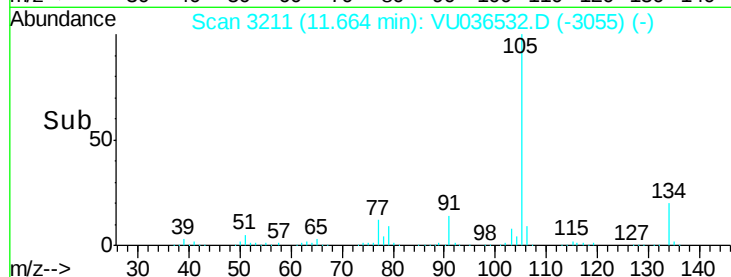
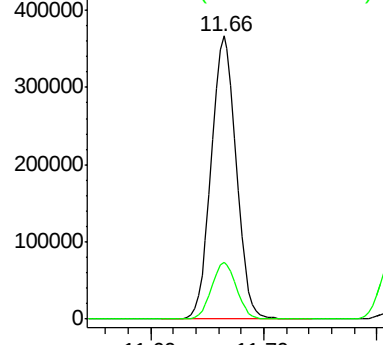
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 44.806 ug/l

RT: 13.23 min Scan# 3699

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

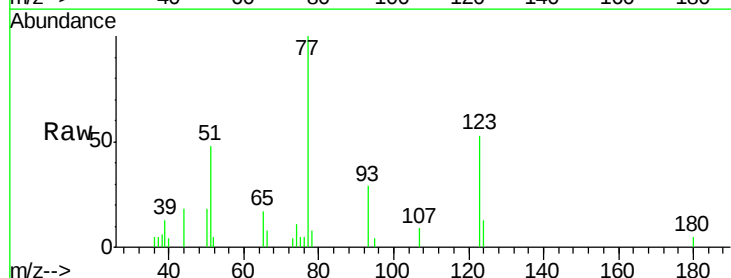
Tgt Ion: 77 Resp: 6211

Ion Ratio Lower Upper

77 100

123 48.7 19.6 69.6

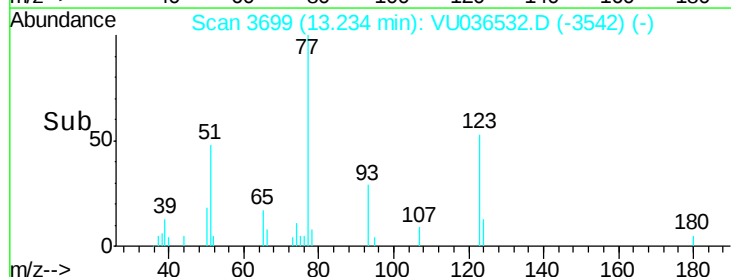
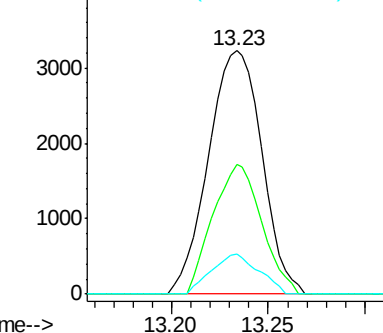
65 14.7 12.7 16.1

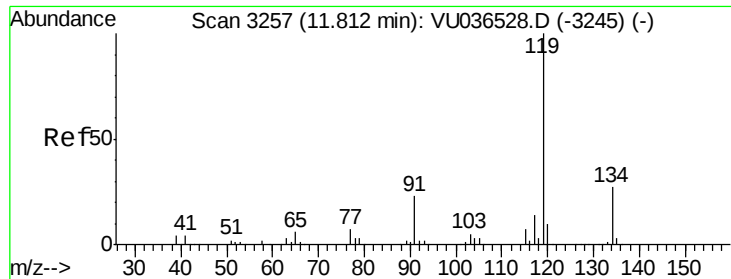


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





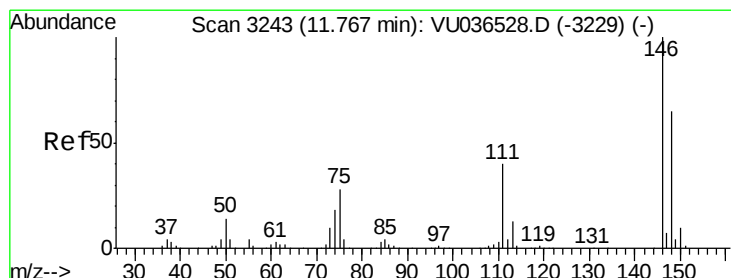
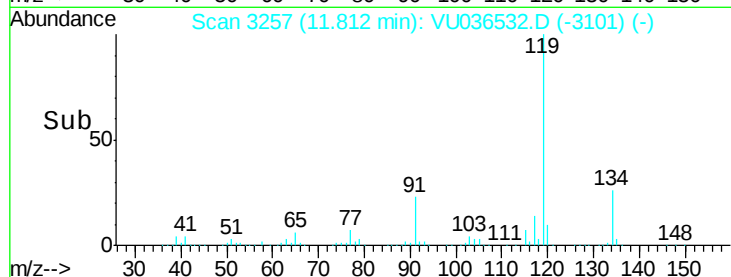
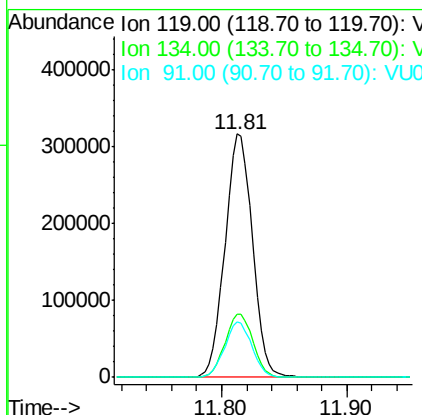
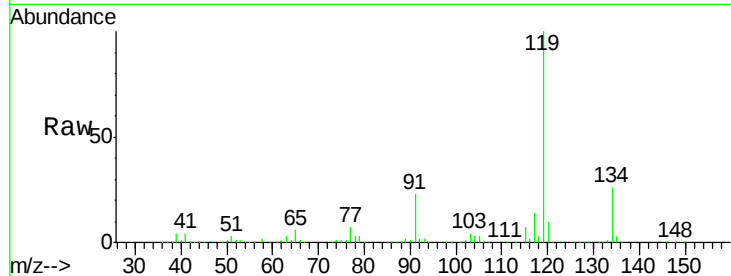
#81
 p-Isopropyltoluene
 Concen: 10.266 ug/l
 RT: 11.81 min Scan# 3257
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	21.4	32.0
91	22.7	18.3	27.5

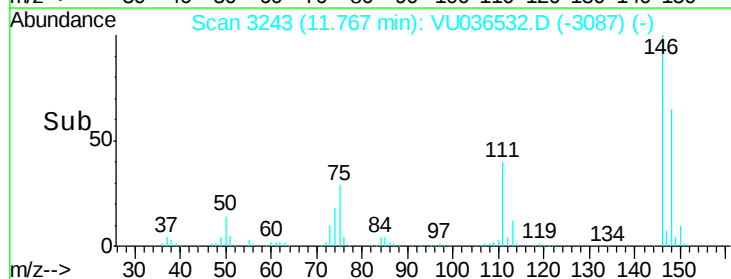
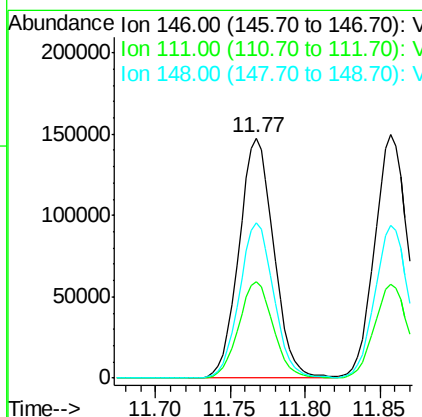
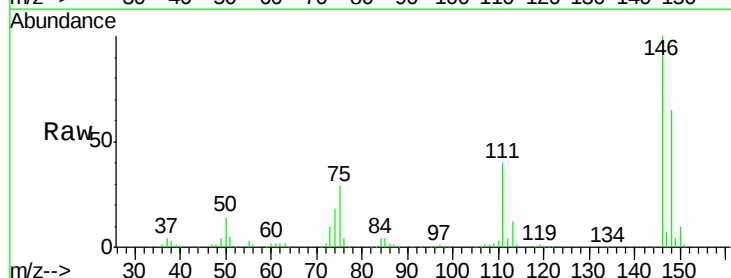
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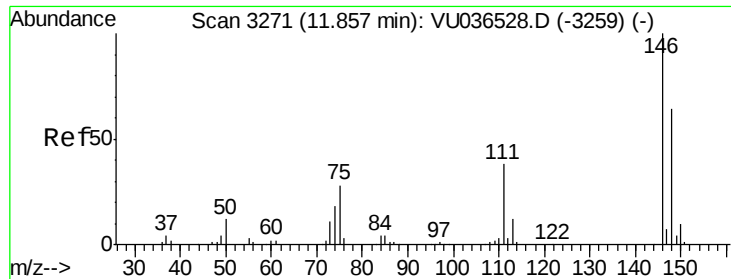
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#82
 1,3-Dichlorobenzene
 Concen: 10.044 ug/l
 RT: 11.77 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	32.2	48.2
148	63.9	51.4	77.2





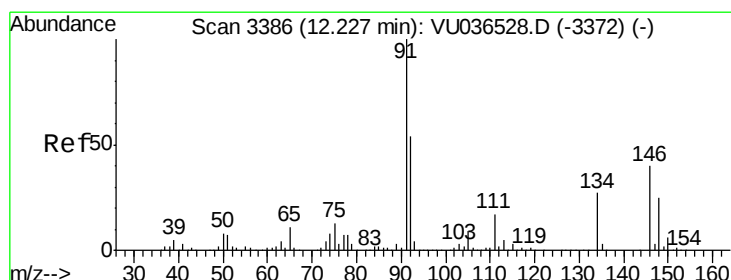
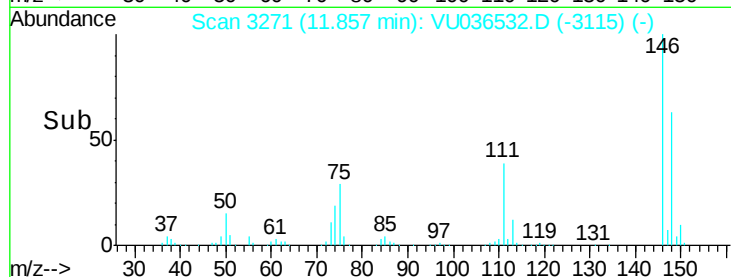
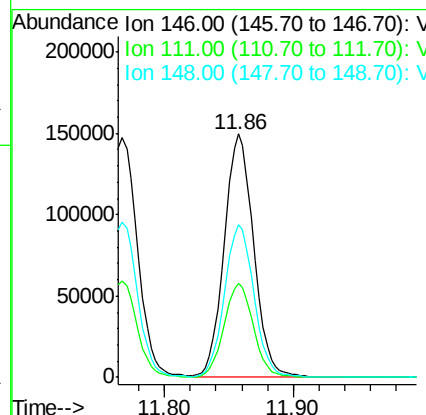
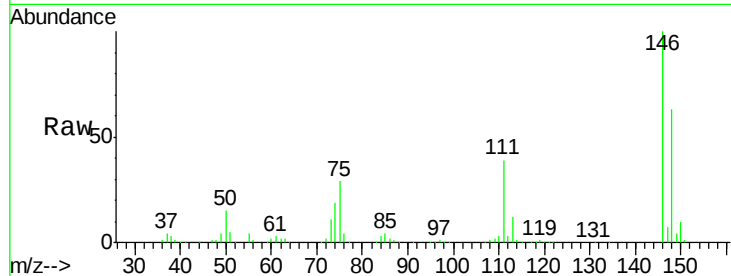
#83
 1,4-Dichlorobenzene
 Concen: 9.980 ug/l
 RT: 11.86 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	30.5	45.7
148	63.0	51.0	76.4

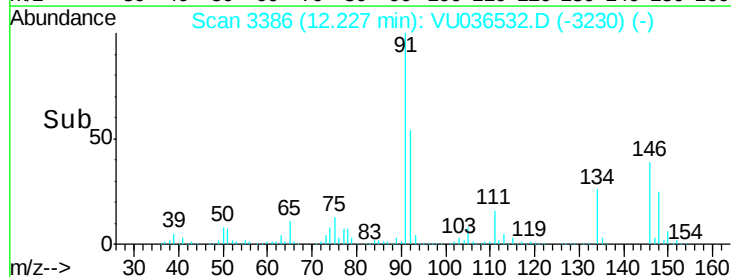
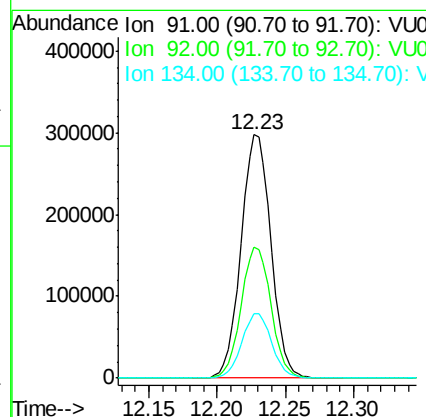
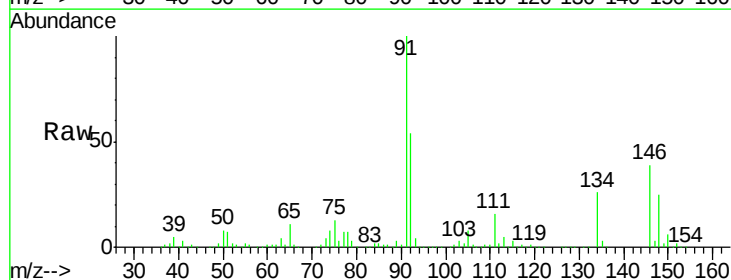
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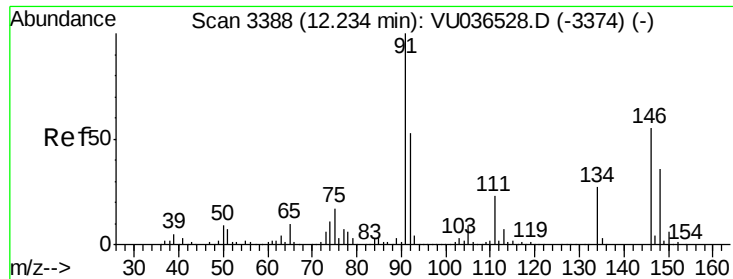
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#84
 n-Butylbenzene
 Concen: 10.535 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.8	42.9	64.3
134	26.5	21.4	32.0





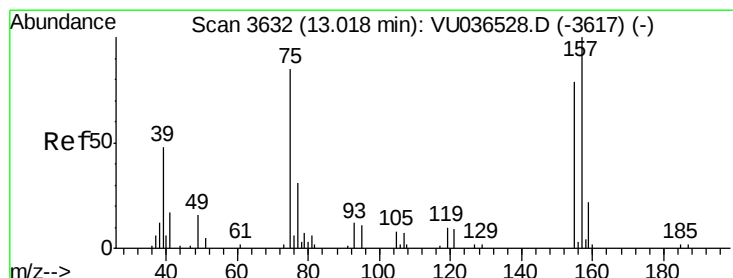
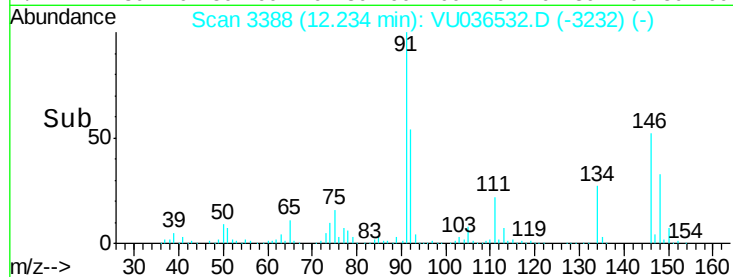
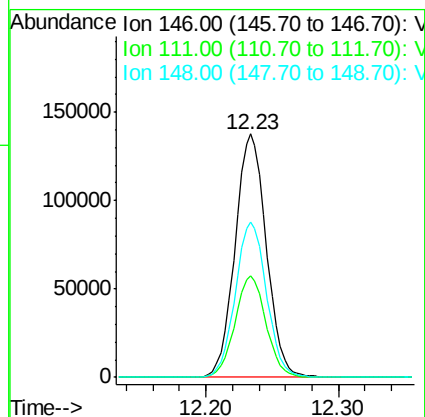
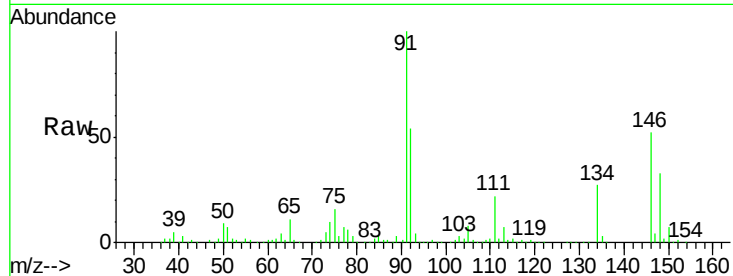
#85
 1,2-Dichlorobenzene
 Concen: 9.885 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.4
148	63.8	32.0	96.2

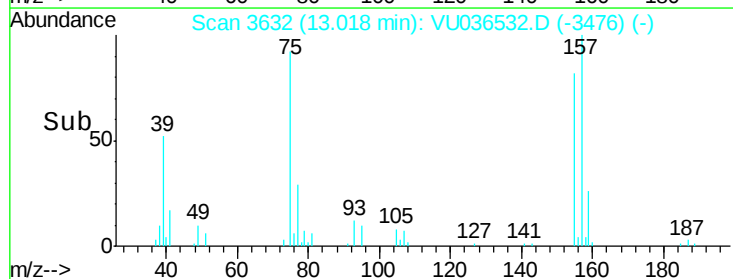
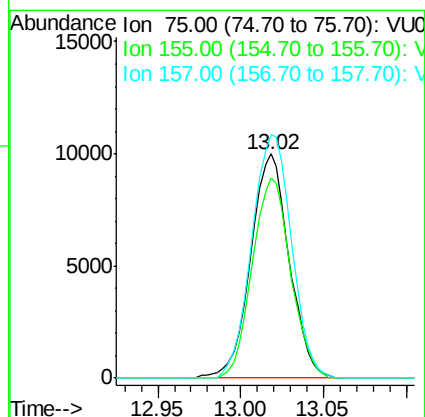
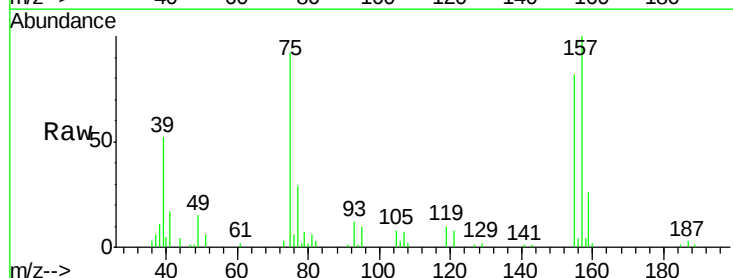
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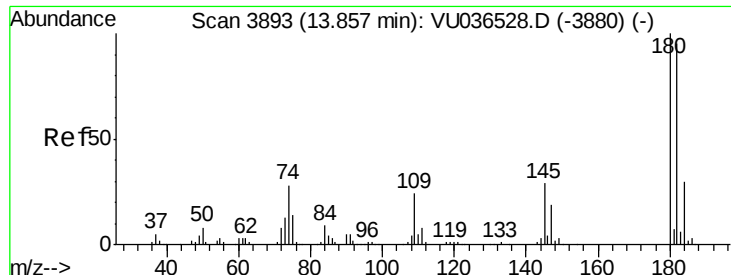
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.876 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	71.8	107.8
157	112.0	92.4	138.6





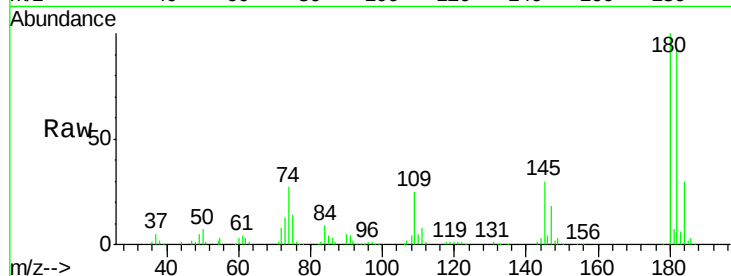
#87
 1,2,4-Trichlorobenzene
 Concen: 10.799 ug/l
 RT: 13.86 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

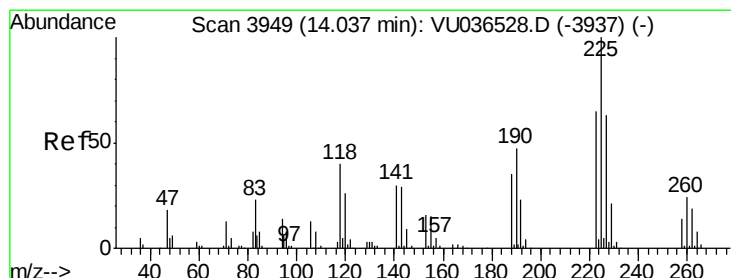
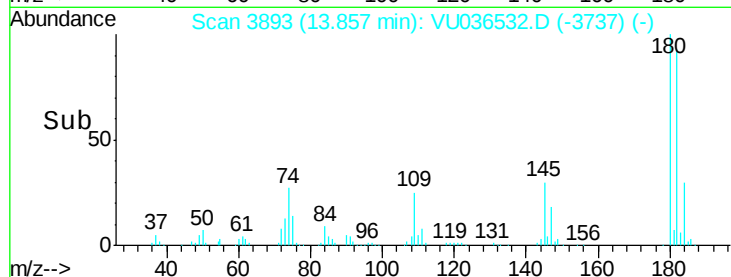
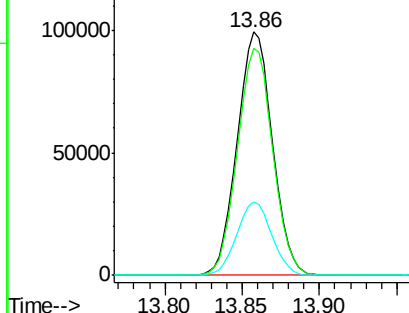
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.9	113.9
145	30.0	23.4	35.2

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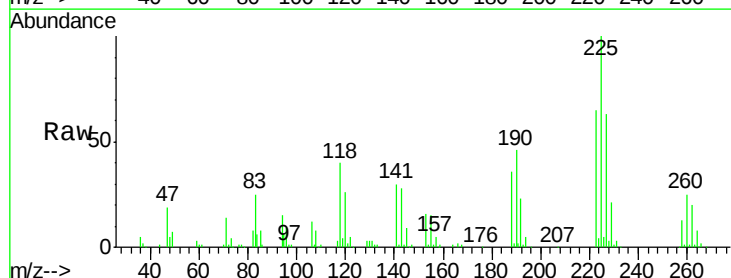


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

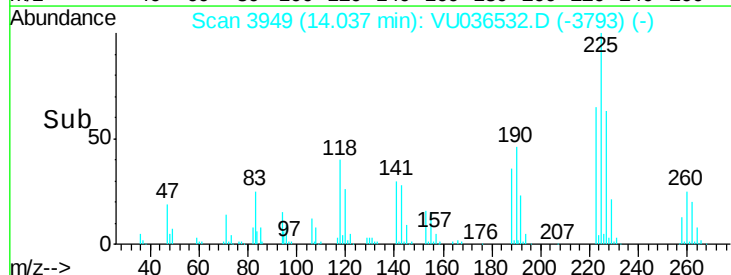
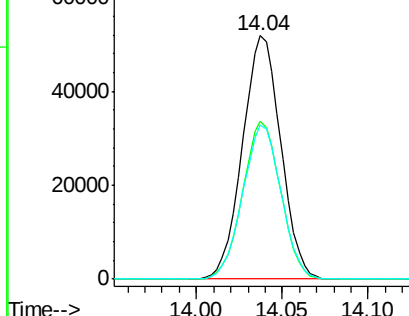


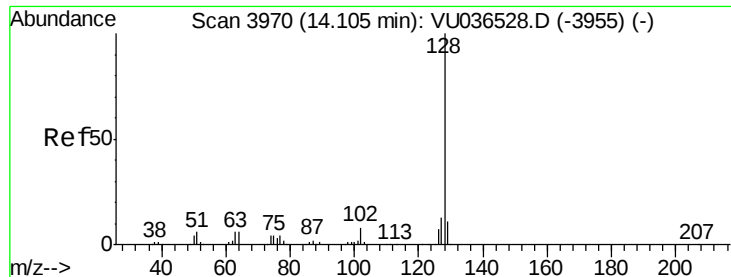
#88
 Hexachlorobutadiene
 Concen: 10.049 ug/l
 RT: 14.04 min Scan# 3949
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.7	77.5
227	63.5	50.6	75.8



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





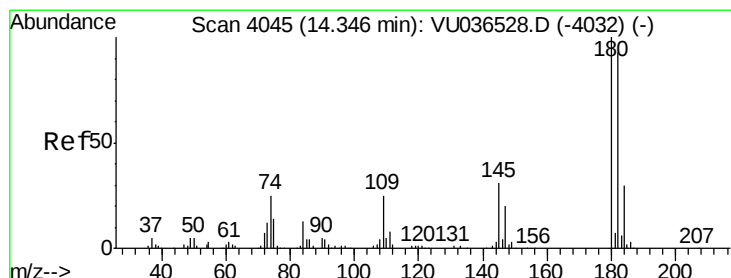
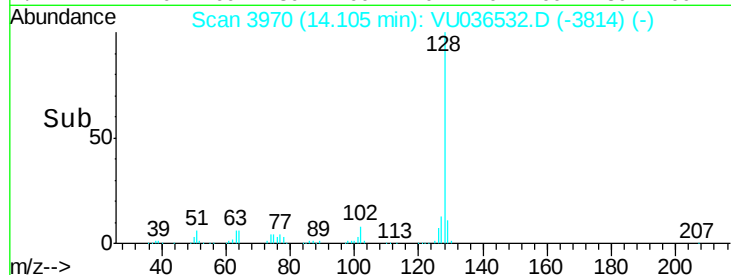
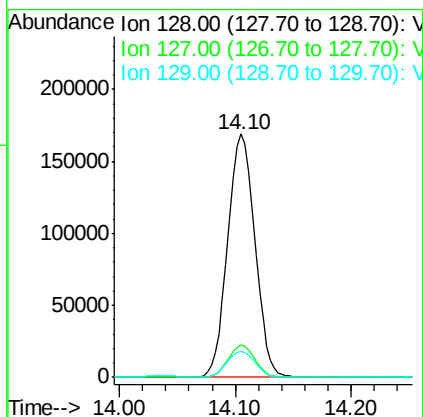
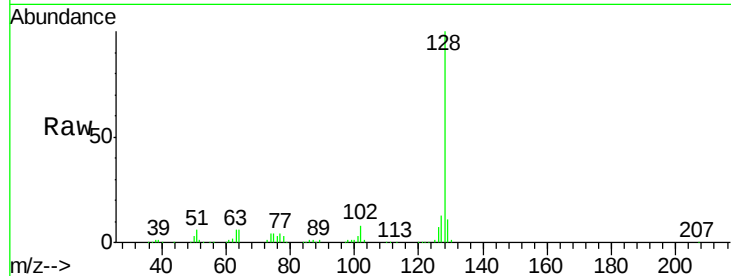
#89
Naphthalene
Concen: 10.926 ug/l
RT: 14.10 min Scan# 3970
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	8.7	13.1

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#90
1,2,3-Trichlorobenzene
Concen: 10.393 ug/l
RT: 14.35 min Scan# 4046
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.4
145	31.3	25.2	37.8

