

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012320\
 Data File : VU036543.D
 Acq On : 23 Jan 2020 17:01
 Operator : JC/MD
 Sample : VU0123WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS01

Manual Integrations
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 1/27/2020 1:46:43 PM

Quant Time: Jan 24 02:58:44 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	34826	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	12935	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	13216	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.40	85	23783	2.066	ug/l	99
3) Chloromethane	1.54	50	26163	2.120	ug/l	97
4) Vinyl Chloride	1.62	62	28247	2.021	ug/l	98
5) Bromomethane	1.88	94	17230	1.984	ug/l	99
6) Chloroethane	1.95	64	16763	2.024	ug/l	97
7) Trichlorofluoromethane	2.16	101	27990	2.027	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	17339	2.015	ug/l	97
9) 1,1-Dichloroethene	2.61	96	18381	2.007	ug/l	98
10) Iodomethane	2.75	142	15007	1.759	ug/l	99
11) Allyl Chloride	2.95	41	24581	1.941	ug/l	94
12) Acrylonitrile	3.37	53	9139	4.069	ug/l	93
13) Acetone	2.68	43	16254	9.566	ug/l	99
14) Carbon Disulfide	2.82	76	61440	1.937	ug/l	99
15) Methylene Chloride	3.08	84	25921	2.149	ug/l	99
16) trans-1,2-Dichloroethene	3.39	96	20272	2.007	ug/l	98
17) 1,1-Dichloroethane	3.92	63	33183	2.016	ug/l	99
18) 2-Butanone	4.78	43	23502	9.745	ug/l	100
19) Cyclohexane	5.42	56	30723m	2.042	ug/l	
20) Methylcyclohexane	6.80	83	33572	1.998	ug/l	99
21) 2,2-Dichloropropane	4.71	77	29024	2.065	ug/l	100
22) cis-1,2-Dichloroethene	4.71	96	20652	1.970	ug/l	95
23) Diethyl Ether	2.41	59	14349	2.028	ug/l	97
24) tert-Butyl Alcohol	3.29	59	11267	17.821	ug/l #	92
25) Methyl tert-Butyl Ether	3.42	73	49267	2.053	ug/l	95
26) Bromochloromethane	5.02	128	9280	2.044	ug/l	97
27) Chloroform	5.13	83	32964	2.024	ug/l	98
28) 1,1,1-Trichloroethane	5.36	97	27741	2.032	ug/l	99
29) 1,1-Dichloropropene	5.56	75	26588	1.995	ug/l	99
30) Carbon Tetrachloride	5.56	117	23504	2.010	ug/l	96
31) Isopropyl Ether	4.06	45	50567	2.023	ug/l	99
32) Ethyl-t-butyl ether	4.57	59	52763	2.018	ug/l	98
33) Tert-Amyl methyl ether	5.99	73	48007	2.005	ug/l	99
34) Propionitrile	4.86	54	6876	9.891	ug/l #	95
35) Benzene	5.82	78	78423	2.032	ug/l	99
36) 1,2-Dichloroethane	5.84	62	21573	2.077	ug/l	99
37) Trichloroethene	6.58	130	21755	2.042	ug/l	100
38) 1,2-Dichloropropane	6.83	63	19982	2.060	ug/l	97
39) Methacrylonitrile	5.03	41	5685	1.946	ug/l	98
40) Methyl acrylate	4.91	55	10807	2.334	ug/l #	95
41) Tetrahydrofuran	5.13	42	6457	4.057	ug/l	96
42) 1-Chlorobutane	5.50	56	34317	1.988	ug/l	98

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Quant Time: Jan 24 02:58:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	10432	2.060	ug/l	98
44) Bromodichloromethane	7.14	83	23881	1.994	ug/l	99
45) 4-Methyl-2-Pentanone	7.84	43	56455	9.895	ug/l	100
46) t-1,4-Dichloro-2-butene	10.86	75	8411m	3.347	ug/l	
47) Methyl methacrylate	7.01	69	19571	3.944	ug/l	99
48) Ethyl methacrylate	8.37	69	18958	1.978	ug/l	97
49) Toluene	8.00	92	48846	1.983	ug/l	100
50) t-1,3-Dichloropropene	8.24	75	23898	2.002	ug/l	98
51) cis-1,3-Dichloropropene	7.64	75	28974	2.003	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	14362	1.999	ug/l	98
53) 1,3-Dichloropropane	8.61	76	26053	2.115	ug/l	99
54) 2-Hexanone	8.73	43	38682	9.667	ug/l	100
55) Dibromochloromethane	8.84	129	16473	1.991	ug/l	95
56) 1,2-Dibromoethane	8.96	107	13795	1.994	ug/l	99
58) Tetrachloroethene	8.58	164	22343	2.098	ug/l	98
59) Chlorobenzene	9.47	112	55650	2.028	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.56	131	17655	2.015	ug/l	98
61) Pentachloroethane	11.45	117	10723	1.897	ug/l	96
62) Hexachloroethane	12.49	117	13740	1.907	ug/l	97
63) Ethyl Benzene	9.60	91	92730	2.016	ug/l	97
64) m/p-Xylenes	9.72	106	72990	4.010	ug/l	98
65) o-Xylene	10.12	106	35601	2.020	ug/l	99
66) Styrene	10.14	104	57668	1.954	ug/l	99
67) Bromoform	10.32	173	8997	1.900	ug/l	100
69) Isopropylbenzene	10.51	105	92999	2.008	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	18759	2.069	ug/l	95
71) 1,2,3-Trichloropropane	10.85	75	15120m	2.338	ug/l	
72) Bromobenzene	10.81	156	22312	2.000	ug/l	99
73) n-propylbenzene	10.93	120	26196	2.016	ug/l	93
74) 2-Chlorotoluene	11.01	126	22867	2.049	ug/l	99
75) 1,3,5-Trimethylbenzene	11.11	105	80559	2.029	ug/l	98
76) 4-Chlorotoluene	11.12	126	23257	2.017	ug/l	96
77) tert-Butylbenzene	11.44	119	75079	1.995	ug/l	98
78) 1,2,4-Trimethylbenzene	11.49	105	82361	2.011	ug/l	99
79) sec-Butylbenzene	11.66	105	104685	2.005	ug/l	100
80) Nitrobenzene	13.23	77	772	5.935	ug/l #	70
81) p-Isopropyltoluene	11.81	119	87961	2.016	ug/l	99
82) 1,3-Dichlorobenzene	11.77	146	44842	2.009	ug/l	98
83) 1,4-Dichlorobenzene	11.86	146	44239	1.983	ug/l	100
84) n-Butylbenzene	12.23	91	78695	1.950	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	42701	1.999	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	2901	1.891	ug/l	88
87) 1,2,4-Trichlorobenzene	13.86	180	24826	1.817	ug/l	99
88) Hexachlorobutadiene	14.04	225	14709	1.964	ug/l	97
89) Naphthalene	14.11	128	39395	1.674	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	23993	1.867	ug/l	98

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

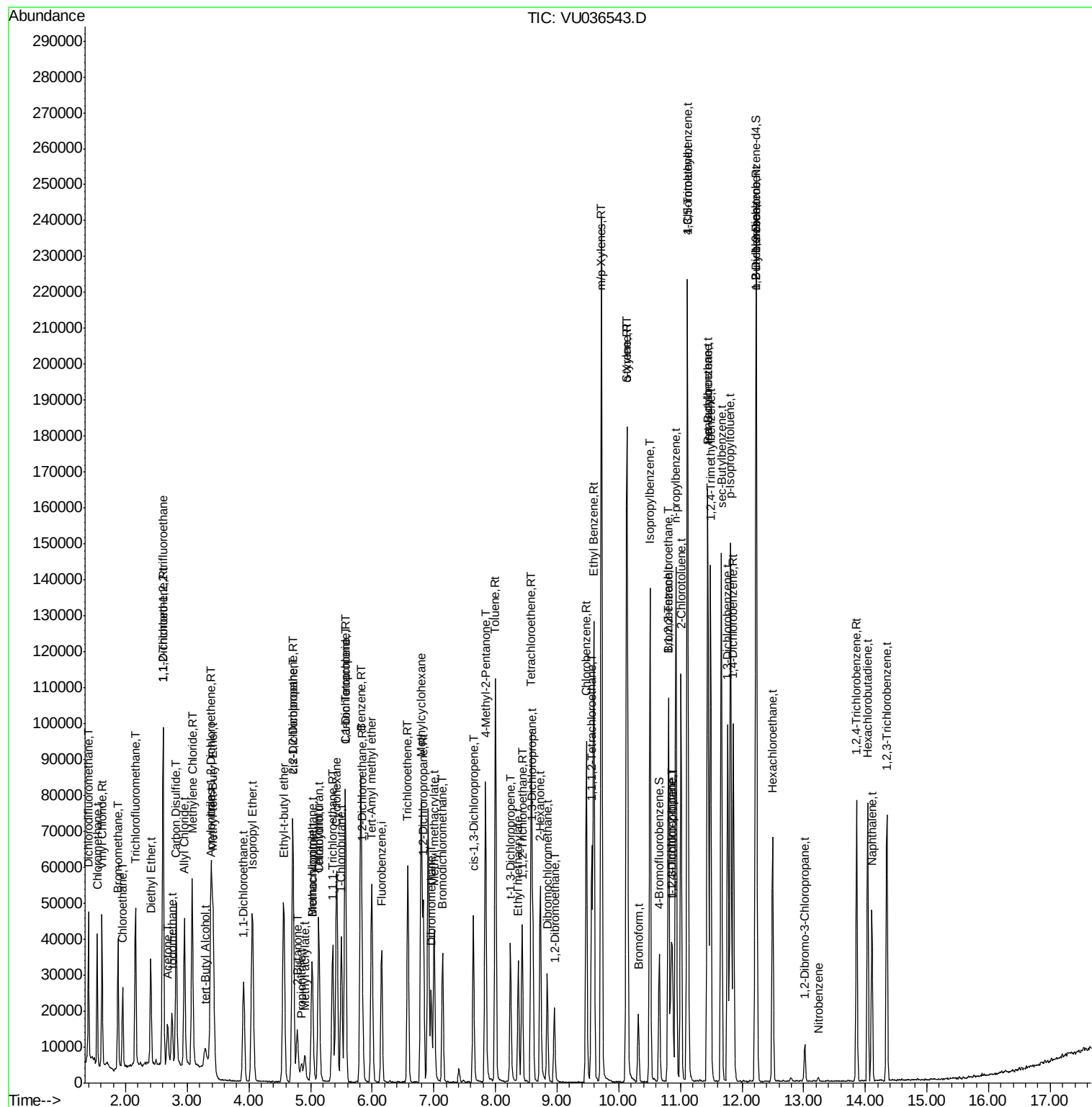
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012320\
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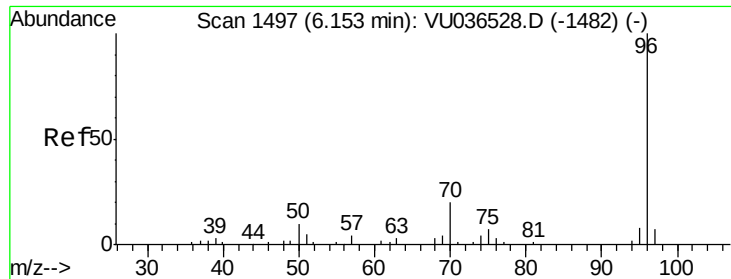
Instrument :
 MSVOA_U
 ClientSampled :
 VU0123WBS01

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

ClientSampled :

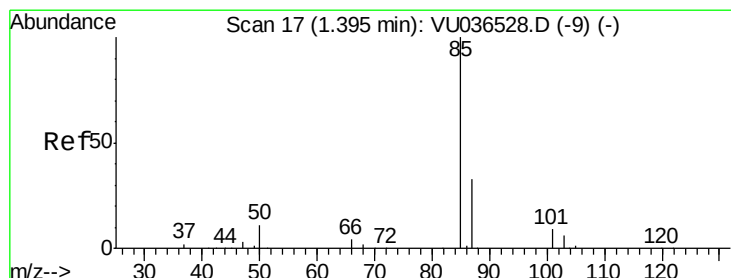
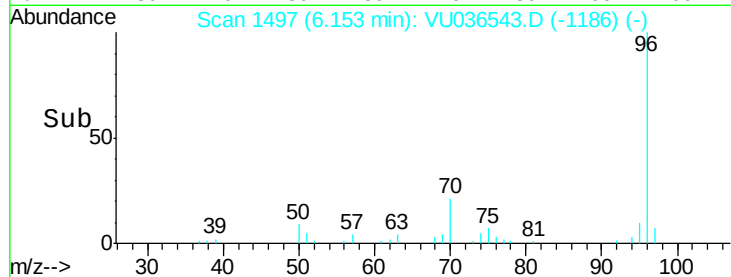
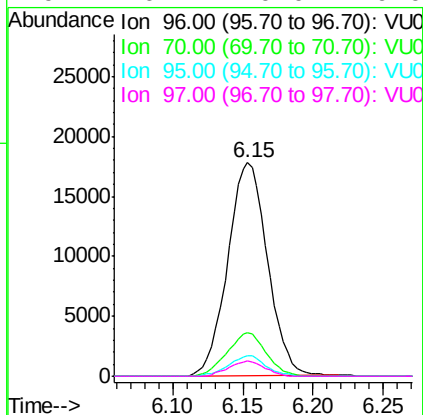
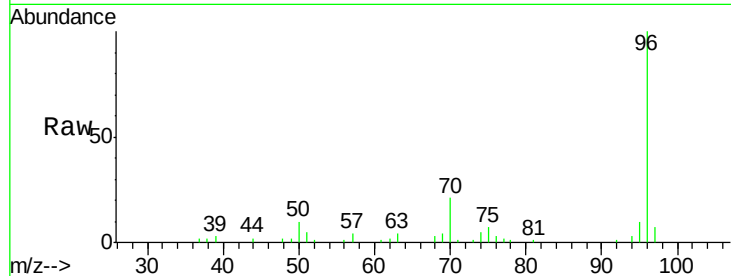
VU0123WBS01

Tot Ion: 96 Resp: 34826

Ion	Ratio	Lower	Upper
96	100		
70	20.1	15.6	23.4
95	9.1	7.0	10.6
97	6.4	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 2.066 ug/l

RT: 1.40 min Scan# 18

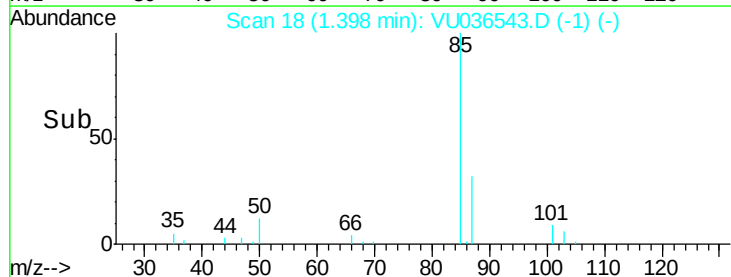
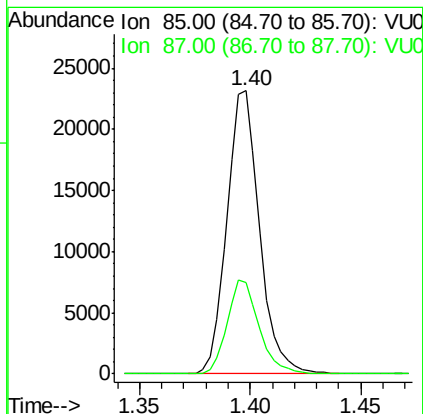
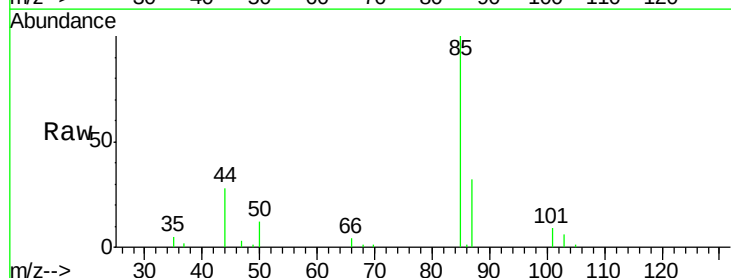
Delta R.T. 0.00 min

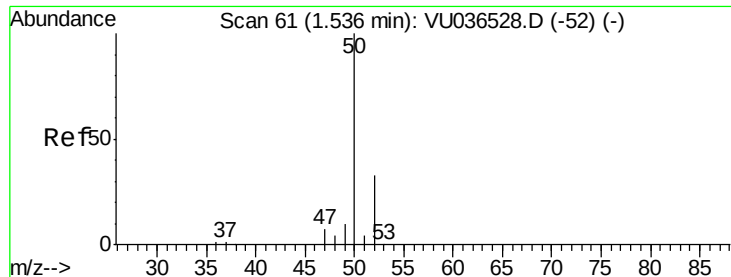
Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Tgt Ion: 85 Resp: 23783

Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.4	49.2





#3

Chloromethane

Concen: 2.120 ug/l

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS01

Tot Ion: 50 Resp: 26163

Ion Ratio Lower Upper

50 100

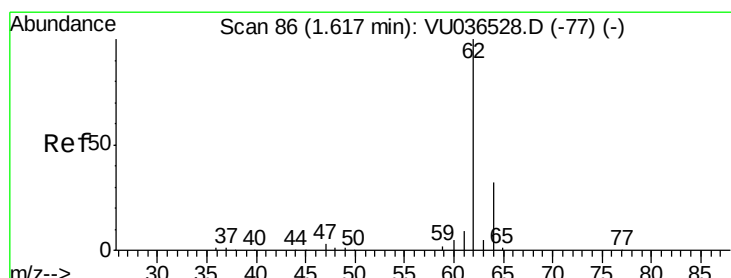
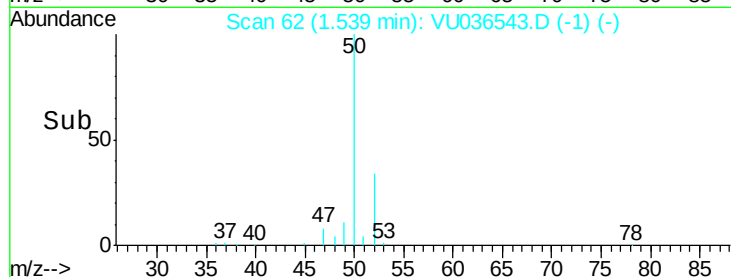
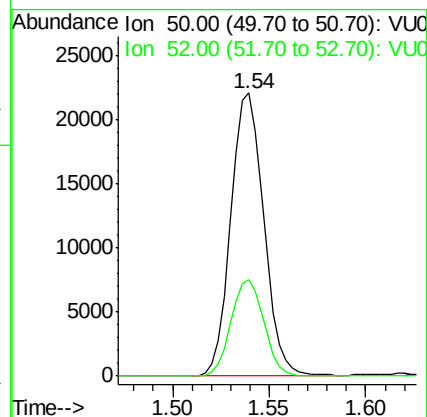
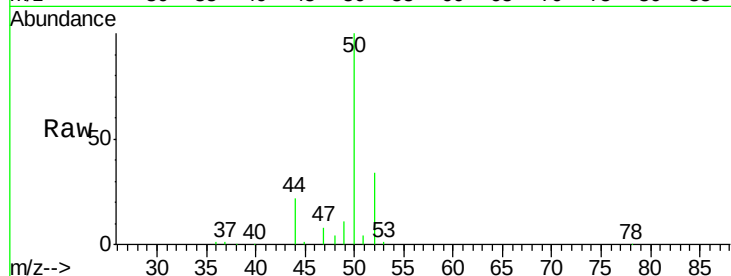
52 34.1 26.0 39.0

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#4

Vinyl Chloride

Concen: 2.021 ug/l

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU036543.D

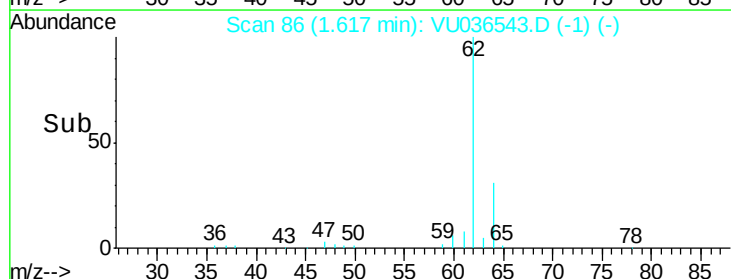
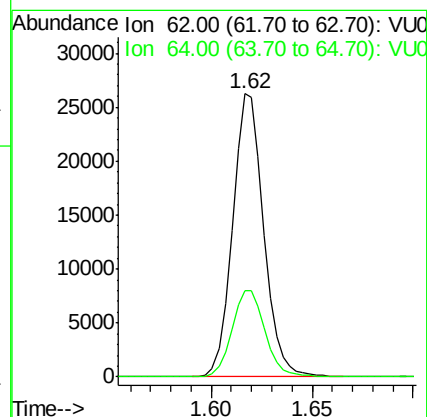
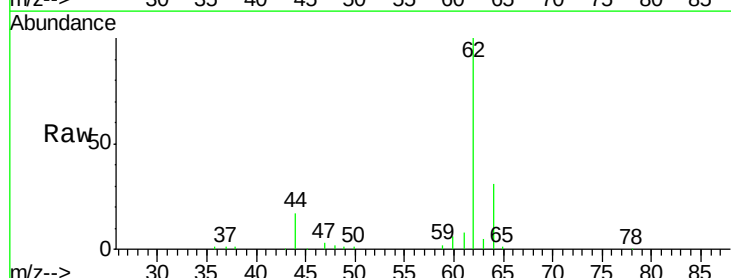
Acq: 23 Jan 2020 17:01

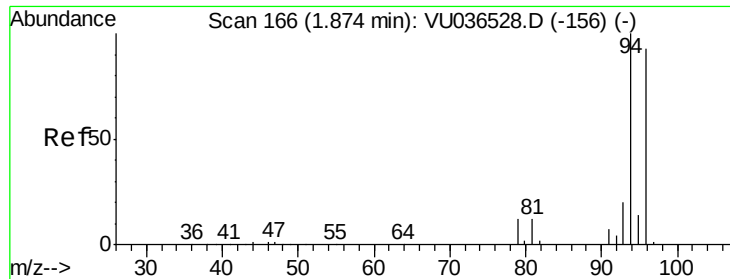
Tgt Ion: 62 Resp: 28247

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.2





#5

Bromomethane

Concen: 1.984 ug/l

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS01

Tot Ion: 94 Resp: 17230

Ion Ratio Lower Upper

94 100

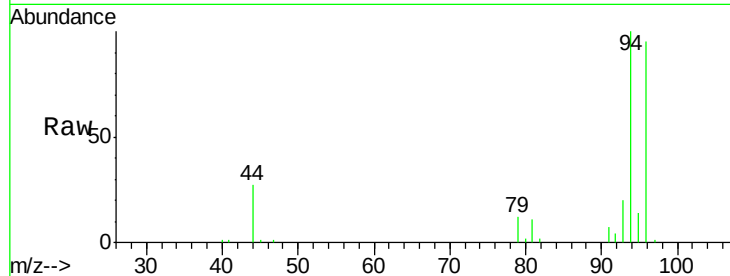
96 94.5 74.6 112.0

Manual Integrations

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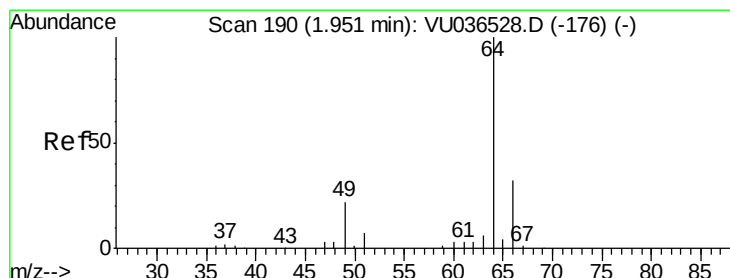
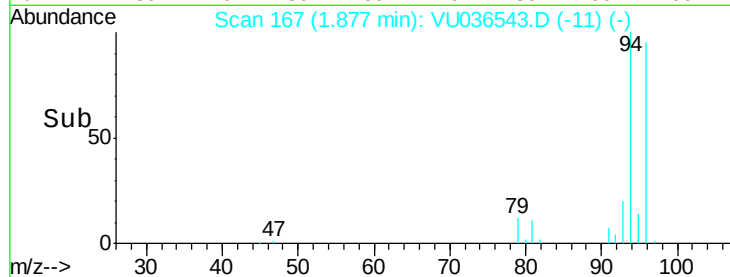
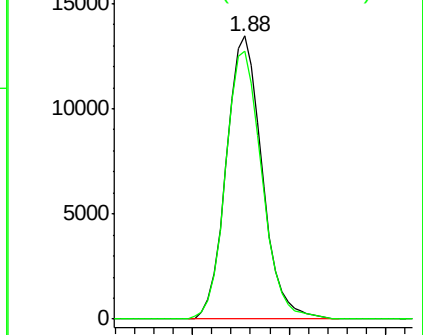
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 2.024 ug/l

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU036543.D

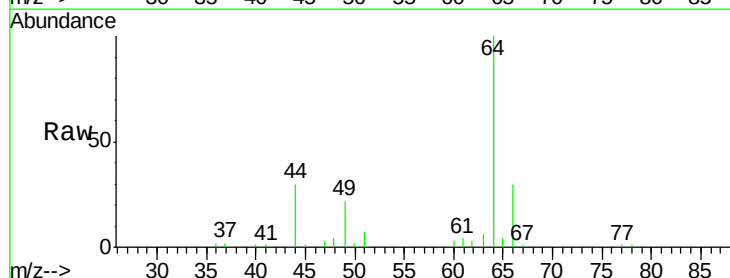
Acq: 23 Jan 2020 17:01

Tgt Ion: 64 Resp: 16763

Ion Ratio Lower Upper

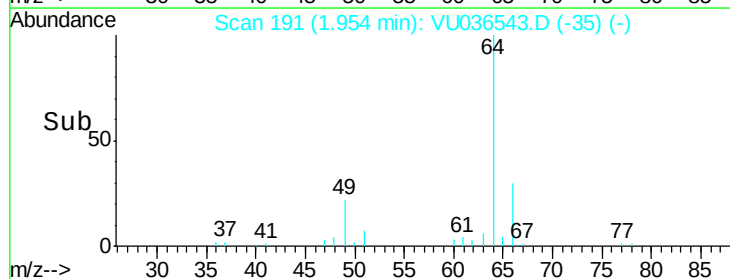
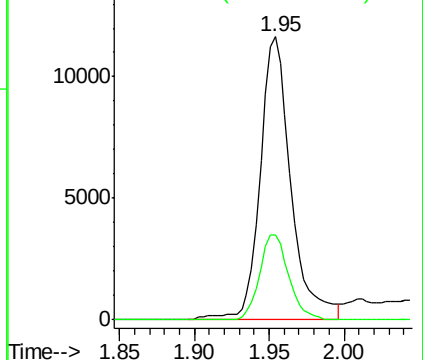
64 100

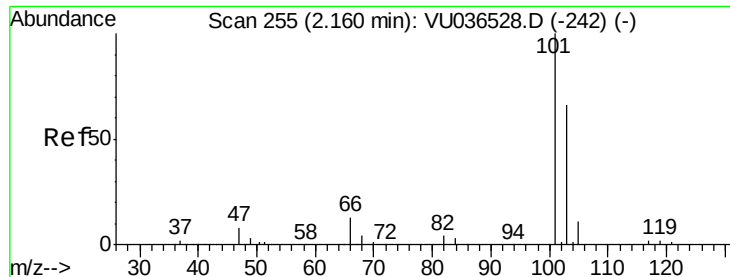
66 30.2 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

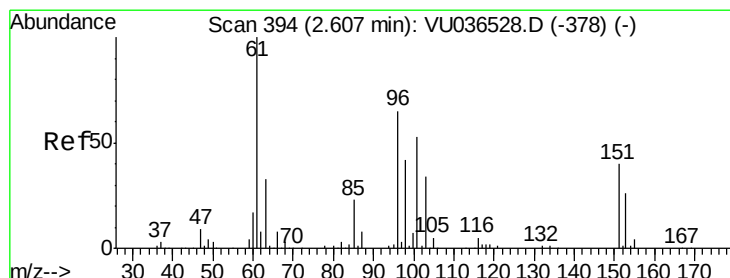
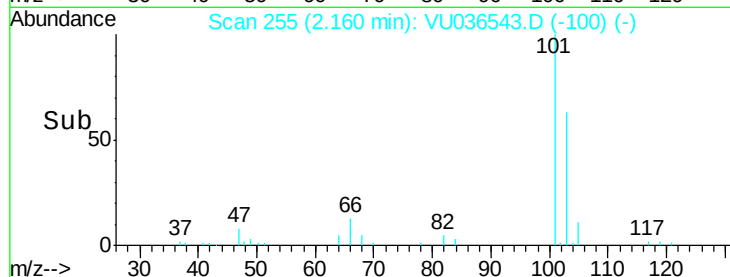
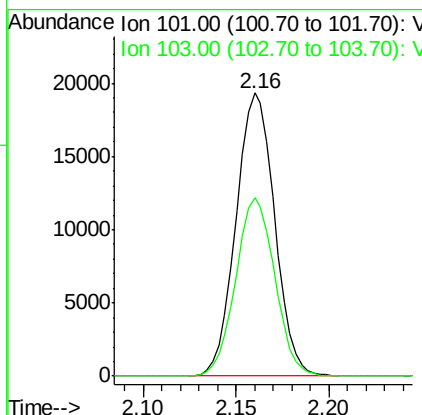
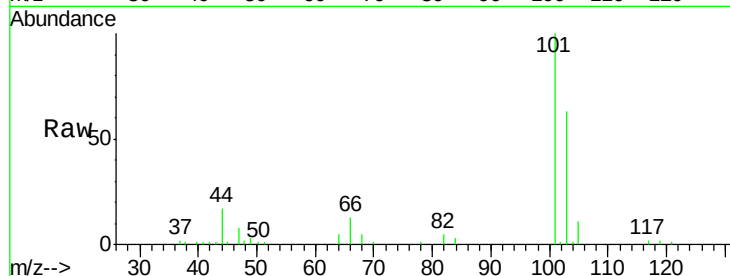
Trichlorofluoromethane
Concen: 2.027 ug/l
RT: 2.16 min Scan# 255
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

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ClientSampleId :
VU0123WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	53.0	79.6

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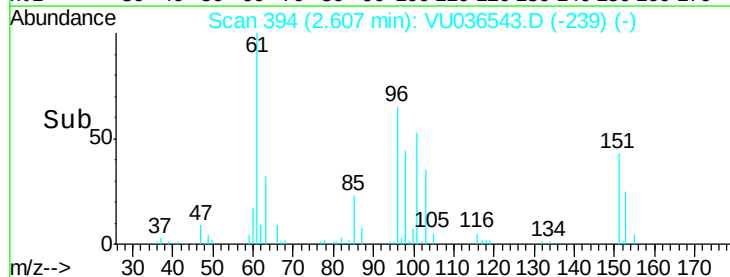
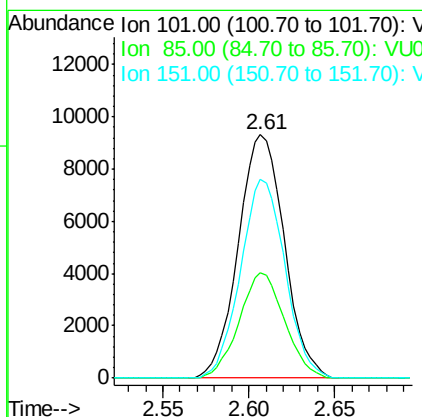
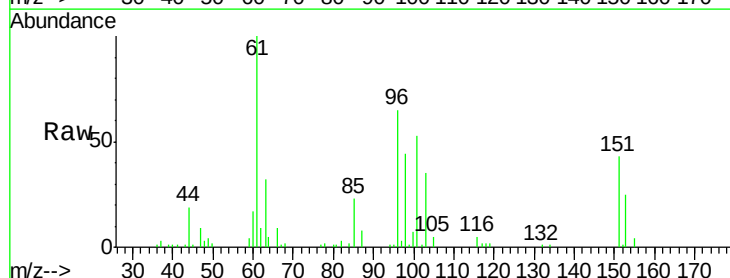
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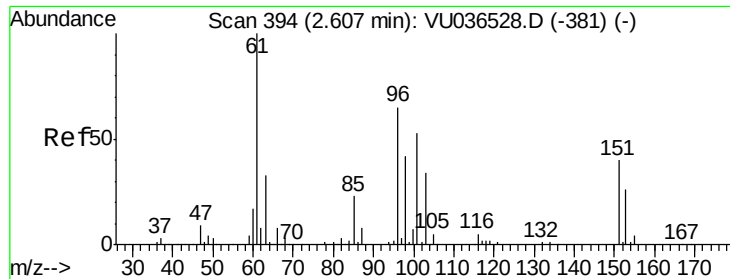


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.015 ug/l
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
101	100		
85	42.6	33.9	50.9
151	78.8	59.8	89.8





#9

1,1-Dichloroethene

Concen: 2.007 ug/l

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

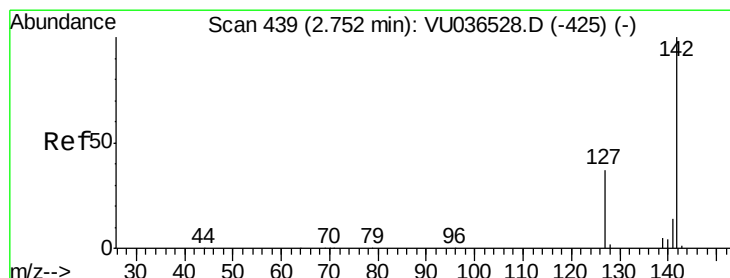
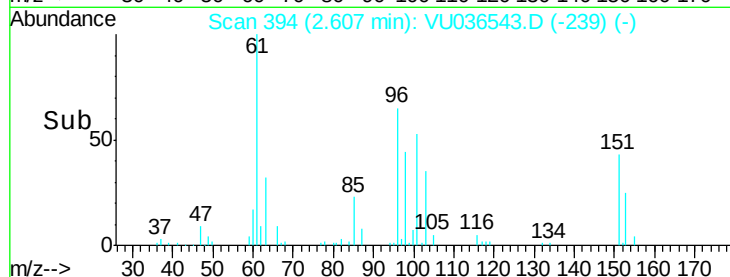
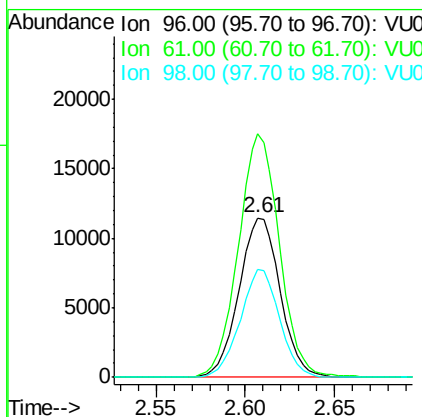
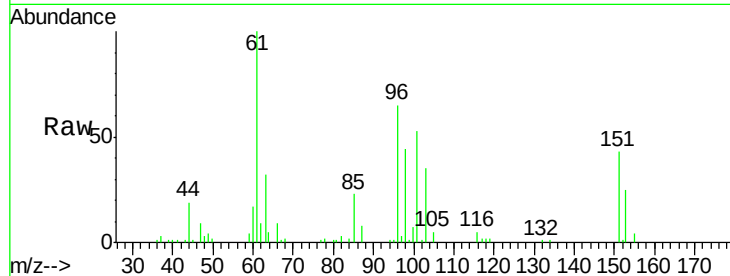
ClientSampleId :

VU0123WBS01

Tot Ion:	96	Resp:	18381
Ion Ratio	Lower	Upper	
96	100		
61	153.0	0.0	463.2
98	67.7	0.0	130.0

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#10

Iodomethane

Concen: 1.759 ug/l

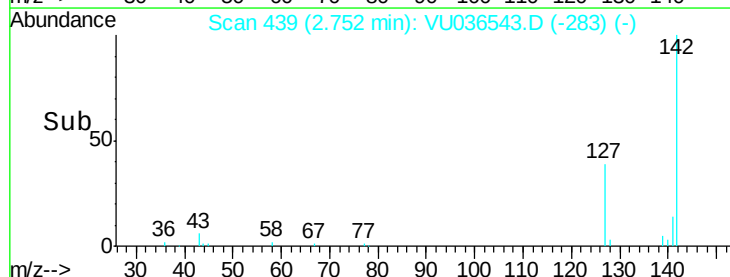
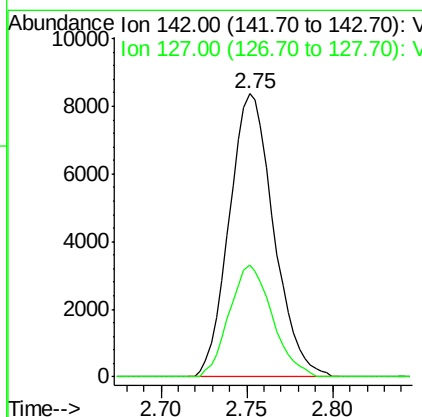
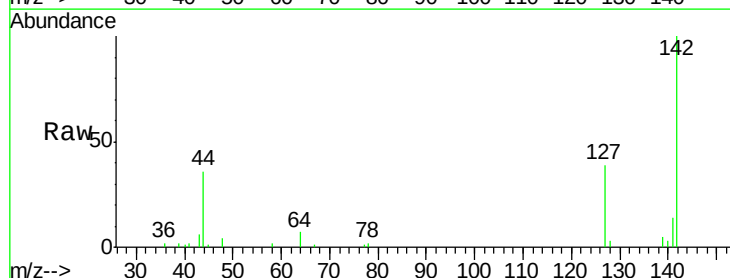
RT: 2.75 min Scan# 439

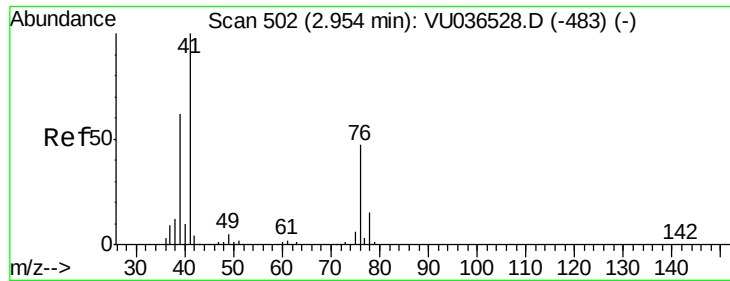
Delta R.T. 0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Tgt Ion:	142	Resp:	15007
Ion Ratio	Lower	Upper	
142	100		
127	38.2	30.3	45.5





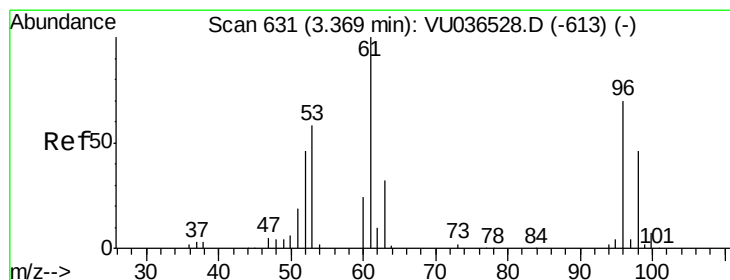
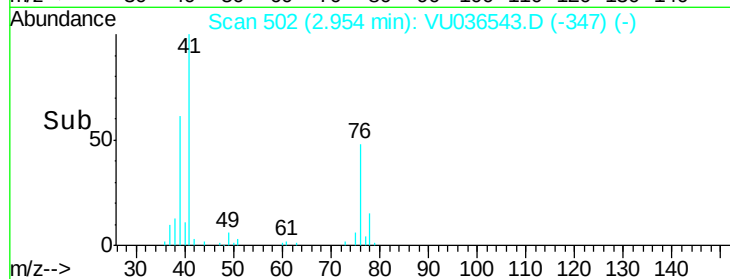
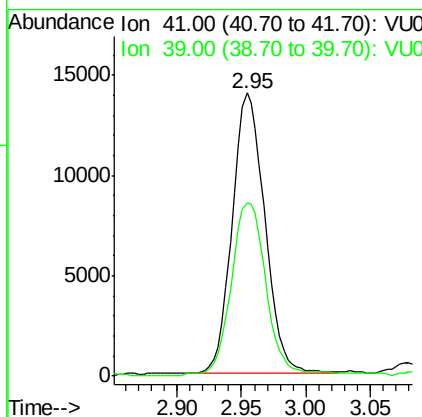
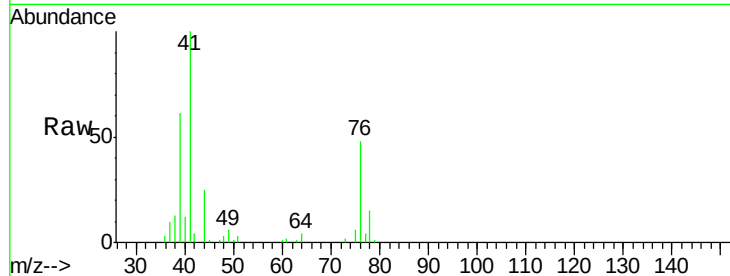
#11
Allvl Chloride
Concen: 1.941 ug/l
RT: 2.95 min Scan# 502
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

Tot Ion: 41 Resp: 24581
Ion Ratio Lower Upper
41 100
39 67.9 50.7 76.1

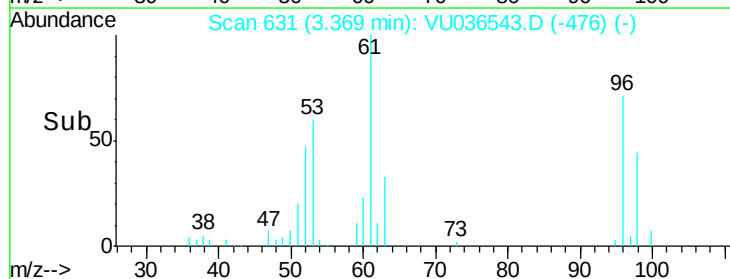
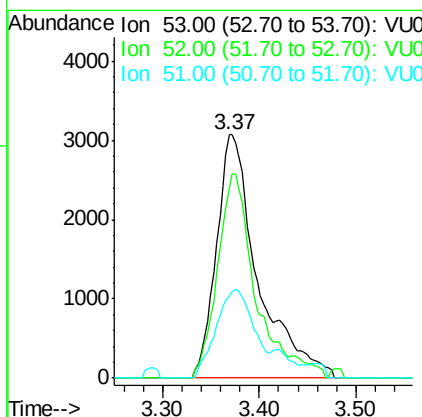
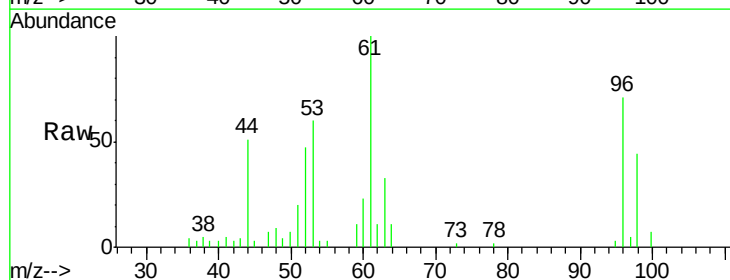
Manual Integrations
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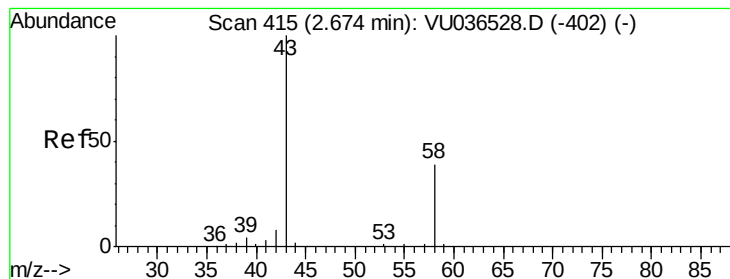
apatel
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#12
Acrylonitrile
Concen: 4.069 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion: 53 Resp: 9139
Ion Ratio Lower Upper
53 100
52 72.7 64.6 97.0
51 33.4 27.2 40.8





#13

Acetone

Concen: 9.566 ug/l

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS01

Tot Ion: 43 Resp: 16254

Ion Ratio Lower Upper

43 100

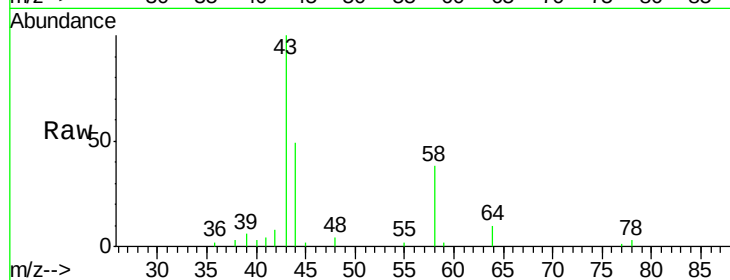
58 38.9 30.8 46.2

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

8000

6000

4000

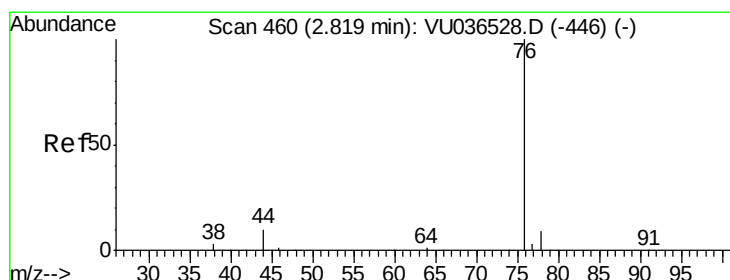
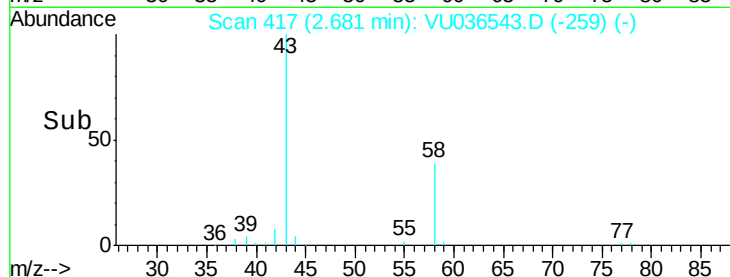
2000

0

2.68

2.60 2.65 2.70 2.75

Time-->



#14

Carbon Disulfide

Concen: 1.937 ug/l

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036543.D

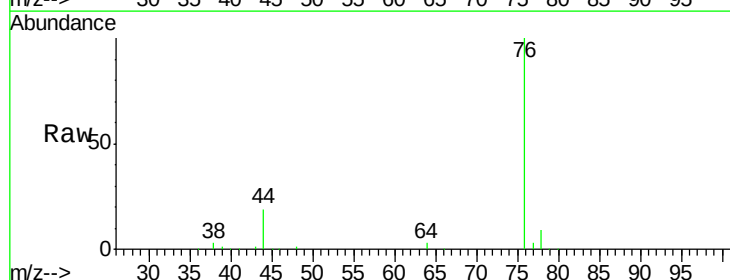
Acq: 23 Jan 2020 17:01

Tgt Ion: 76 Resp: 61440

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

40000

30000

20000

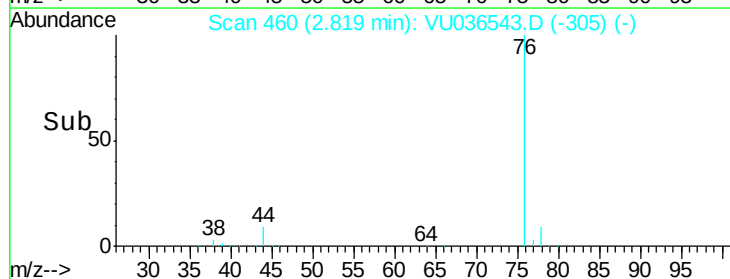
10000

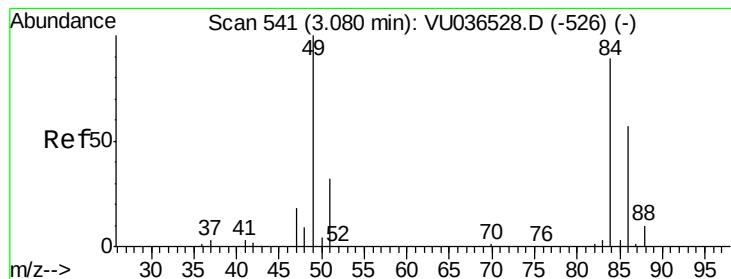
0

2.82

2.75 2.80 2.85 2.90 2.95

Time-->





#15

Methylene Chloride

Concen: 2.149 ug/l

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

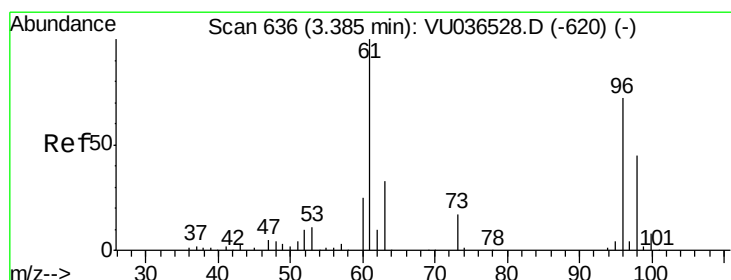
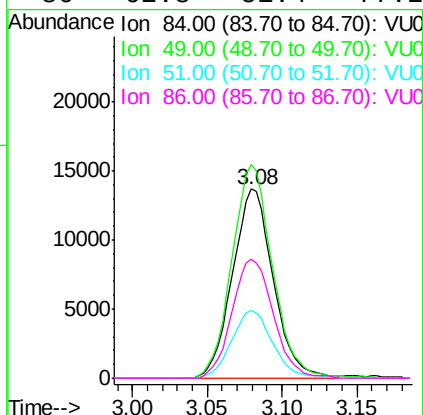
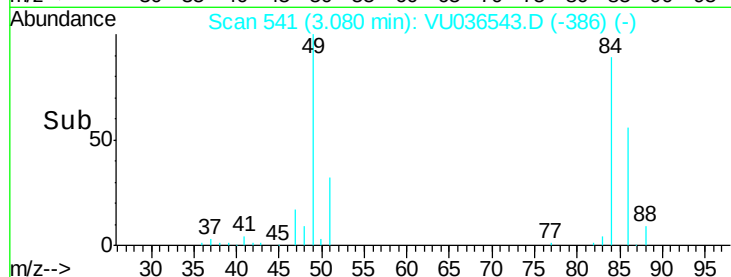
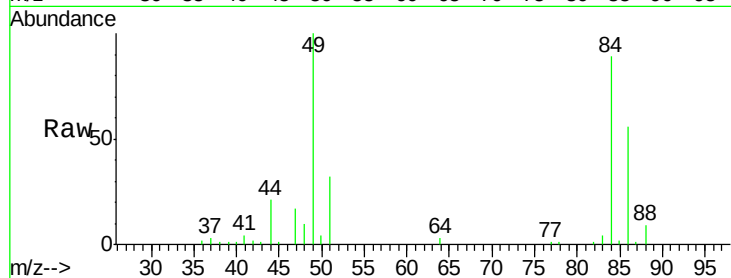
ClientSampleId :

VU0123WBS01

Tot Ion:	84	Resp:	25921
Ion	Ratio	Lower	Upper
84	100		
49	112.9	89.7	134.5
51	36.1	0.0	71.6
86	62.8	51.4	77.2

Manual Integrations
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#16

trans-1,2-Dichloroethene

Concen: 2.007 ug/l

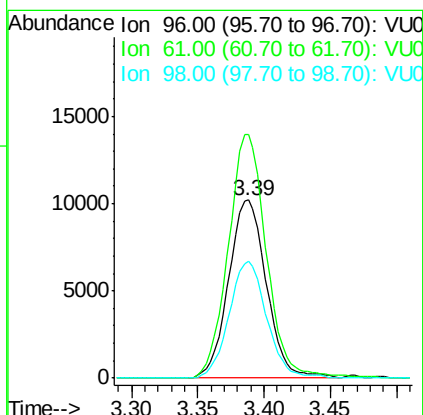
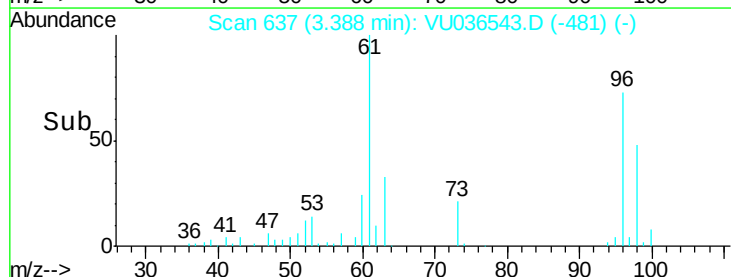
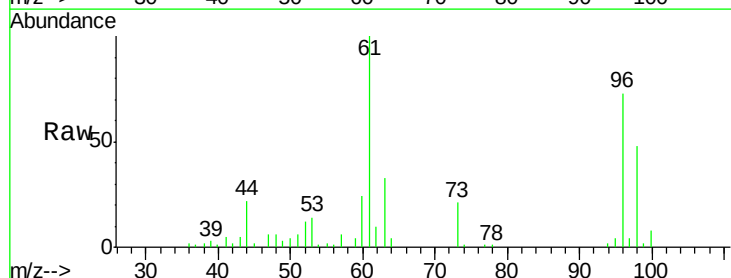
RT: 3.39 min Scan# 637

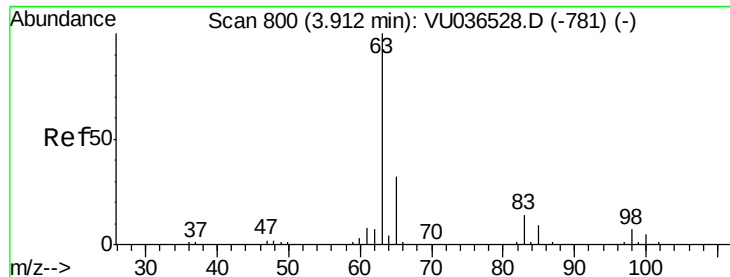
Delta R.T. 0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Tgt Ion:	96	Resp:	20272
Ion	Ratio	Lower	Upper
96	100		
61	136.6	110.8	166.2
98	65.3	50.3	75.5





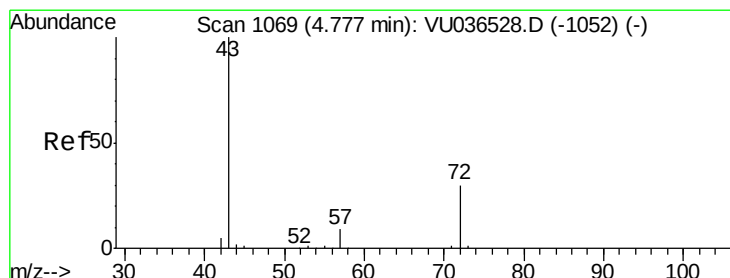
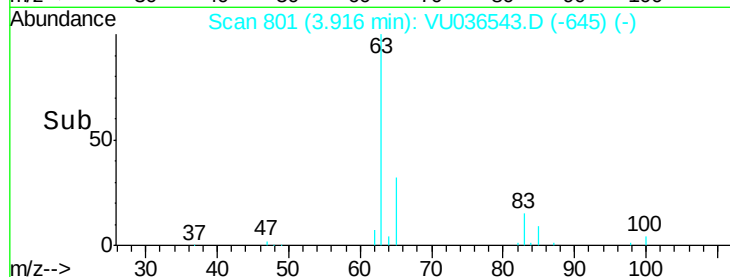
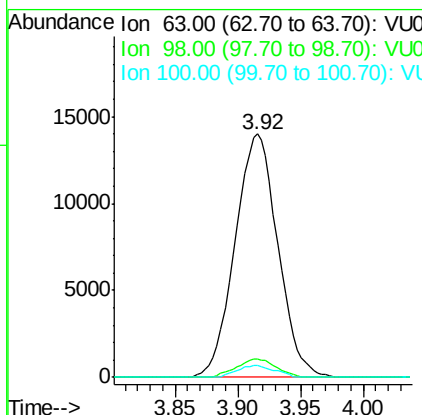
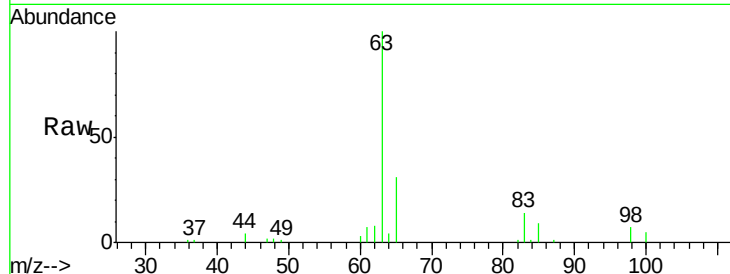
#17
 1,1-Dichloroethane
 Concen: 2.016 ug/l
 RT: 3.92 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.5	10.5
100	5.0	2.4	7.1

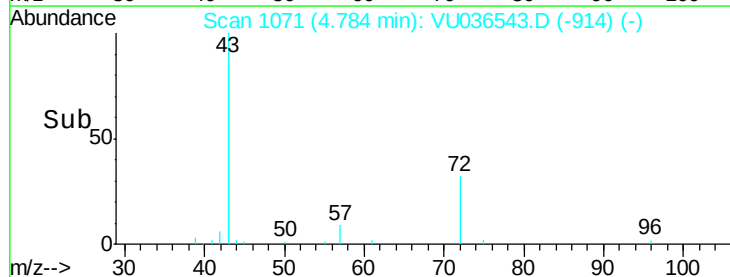
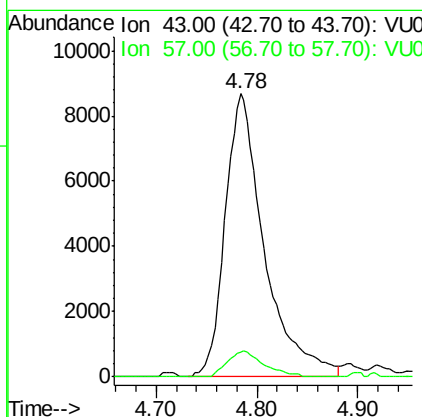
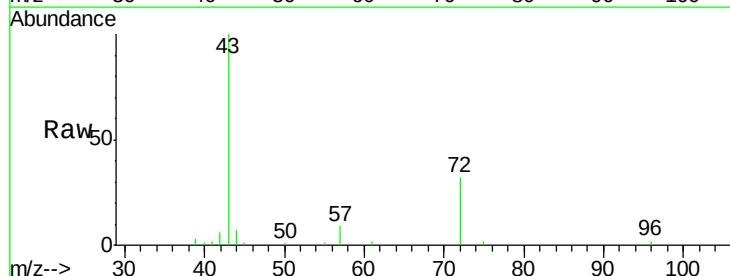
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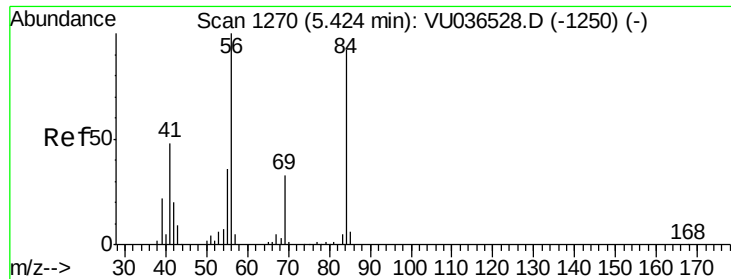
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#18
 2-Butanone
 Concen: 9.745 ug/l
 RT: 4.78 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.0	0.0	17.8





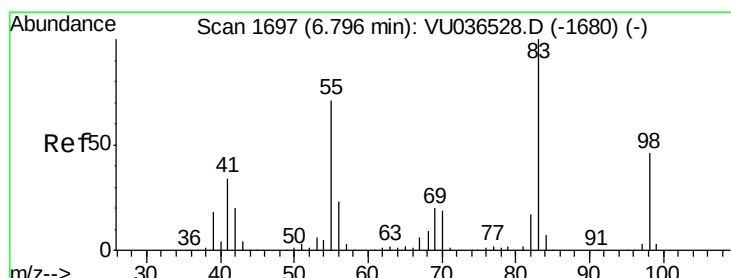
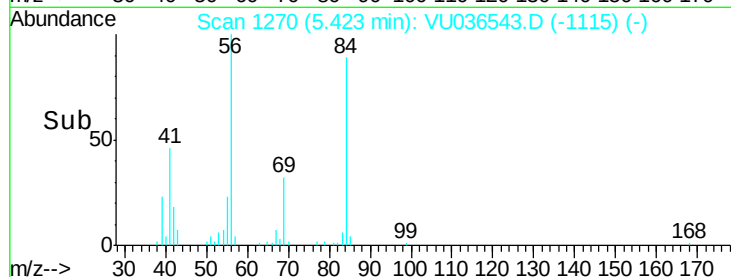
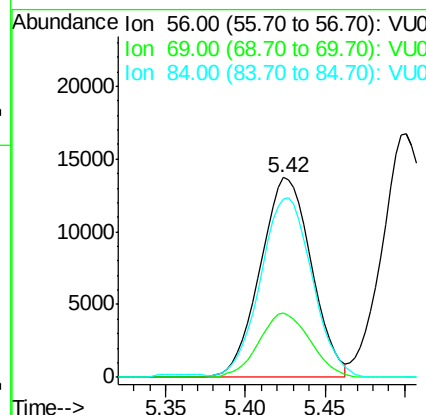
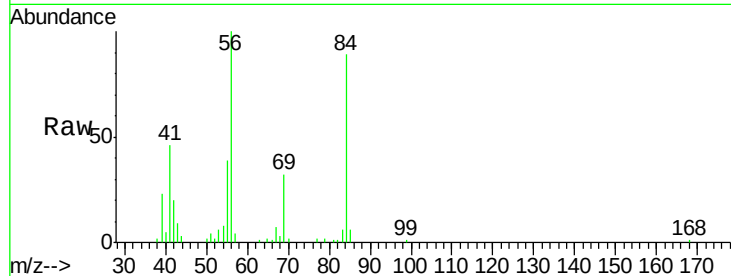
#19
Cyclohexane
Concen: 2.042 ug/l m
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

Tot Ion	56	Resp	30723
Ion Ratio	100	Lower	Upper
56	100		
69	32.1	26.2	39.2
84	89.4	72.8	109.2

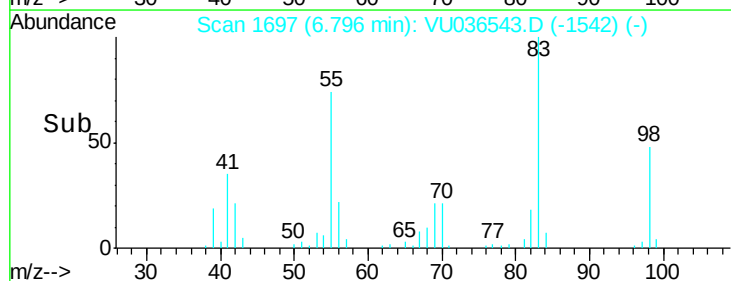
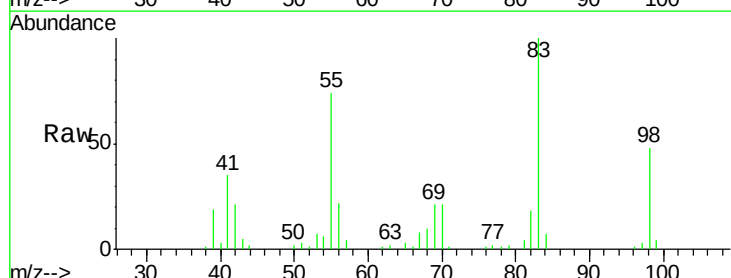
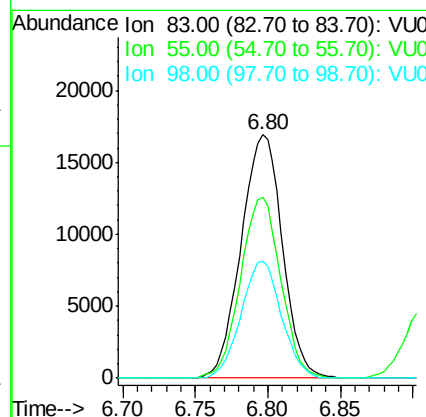
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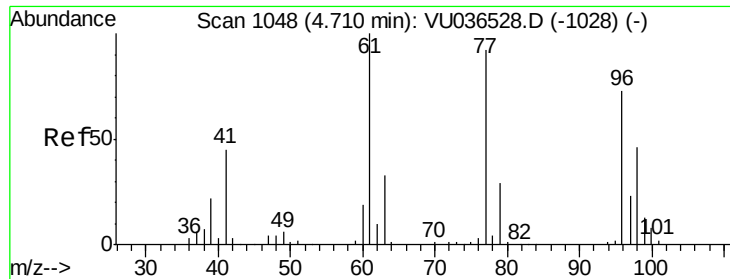
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#20
Methylcyclohexane
Concen: 1.998 ug/l
RT: 6.80 min Scan# 1697
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion	83	Resp	33572
Ion Ratio	100	Lower	Upper
83	100		
55	72.1	56.6	85.0
98	46.6	37.5	56.3





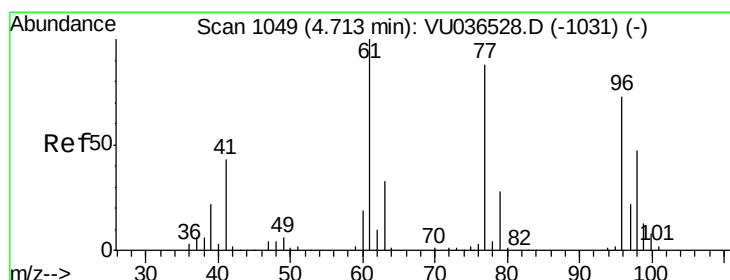
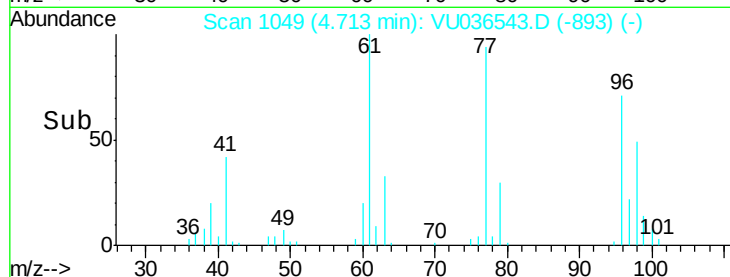
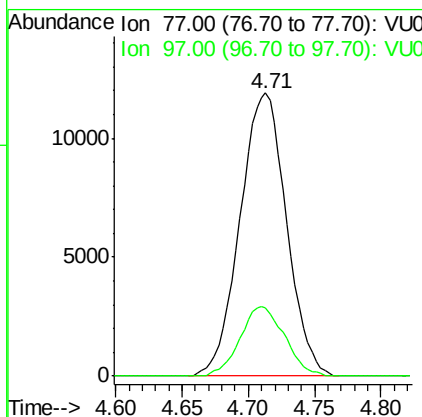
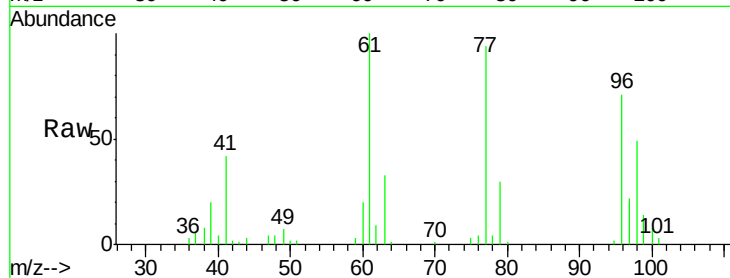
#21
 2,2-Dichloropropane
 Concen: 2.065 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Instrument :
 MSVOA_U
 ClientSampled :
 VU0123WBS01

Tot Ion: 77 Resp: 29024
 Ion Ratio Lower Upper
 77 100
 97 23.5 19.0 28.4

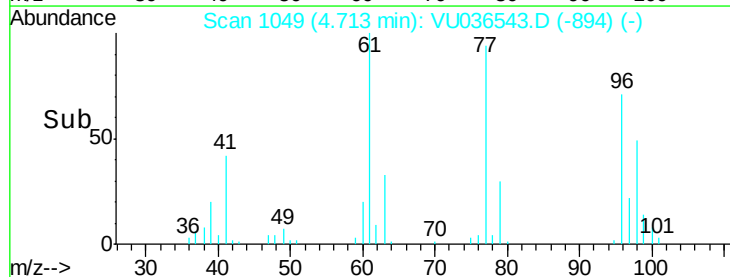
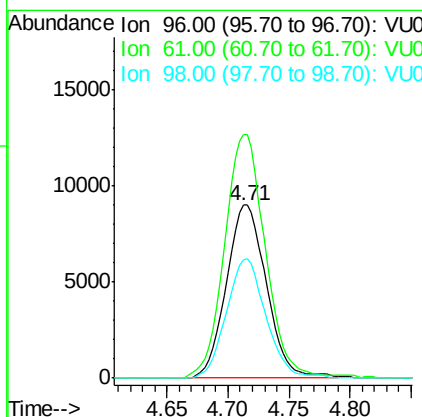
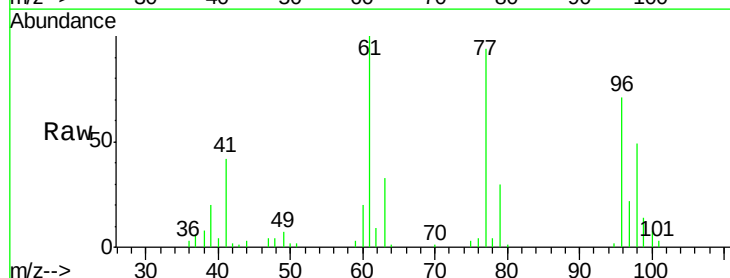
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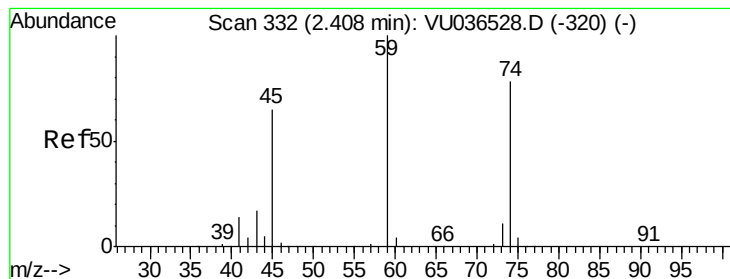
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#22
 cis-1,2-Dichloroethene
 Concen: 1.970 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Tgt Ion: 96 Resp: 20652
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 342.0
 98 67.6 32.0 96.0





#23

Diethyl Ether

Concen: 2.028 ug/l

RT: 2.41 min Scan# 332

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

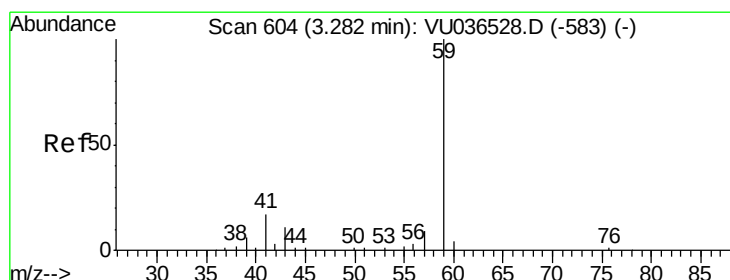
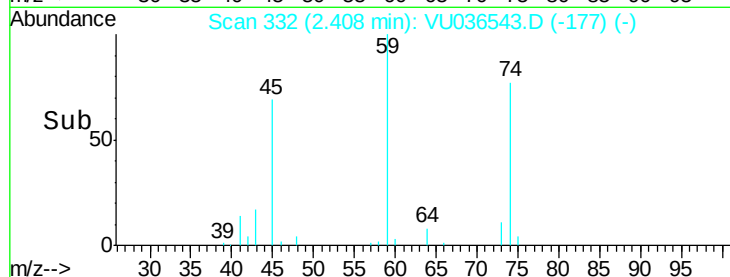
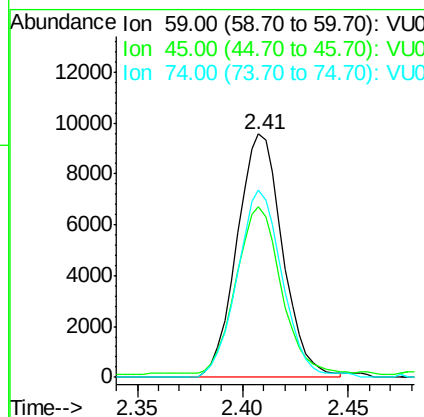
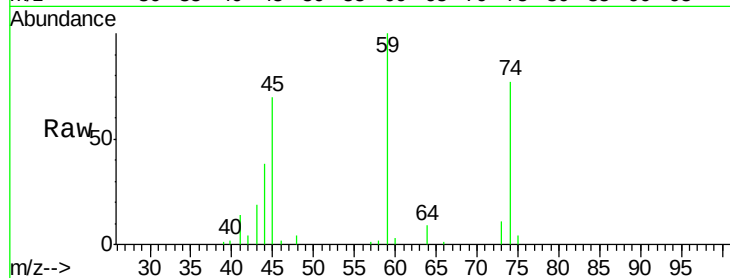
ClientSampleId :

VU0123WBS01

Tot Ion:	59	Resp:	14349
Ion	Ratio	Lower	Upper
59	100		
45	68.8	52.4	78.6
74	76.4	62.1	93.1

Manual Integrations
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#24

tert-Butyl Alcohol

Concen: 17.821 ug/l

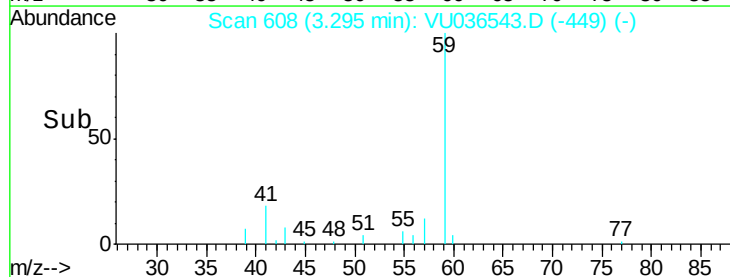
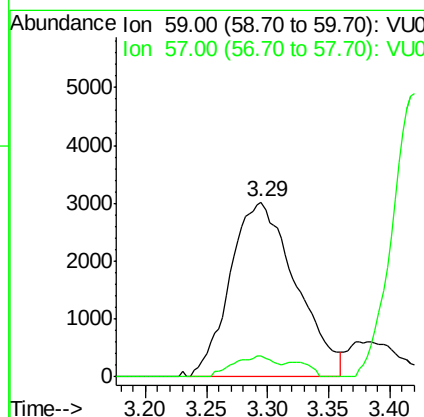
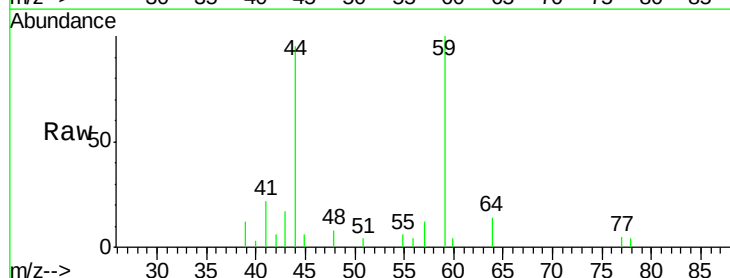
RT: 3.29 min Scan# 608

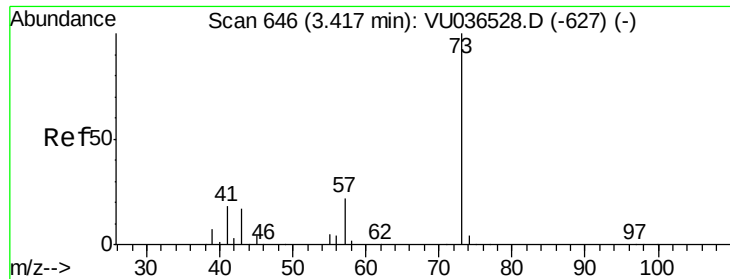
Delta R.T. 0.01 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Tgt Ion:	59	Resp:	11267
Ion	Ratio	Lower	Upper
59	100		
57	7.7	8.4	12.6#





#25

Methyl tert-Butyl Ether

Concen: 2.053 ug/l

RT: 3.42 min Scan# 646

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS01

Tot Ion: 73 Resp: 49267

Ion Ratio Lower Upper

73 100

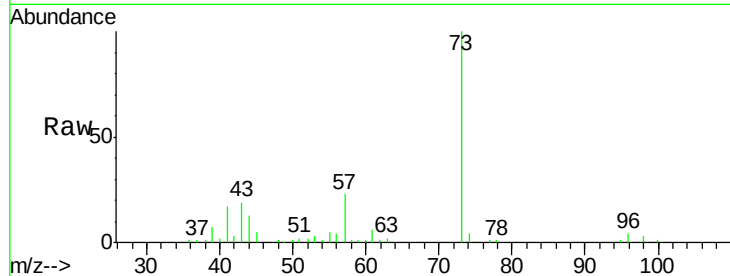
43 20.3 14.5 21.7

Manual Integrations

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Abundance Ion 73.00 (72.70 to 73.70): VU036528.D (-627) (-)

Ion 43.00 (42.70 to 43.70): VU036543.D (-491) (-)

3.42

25000

20000

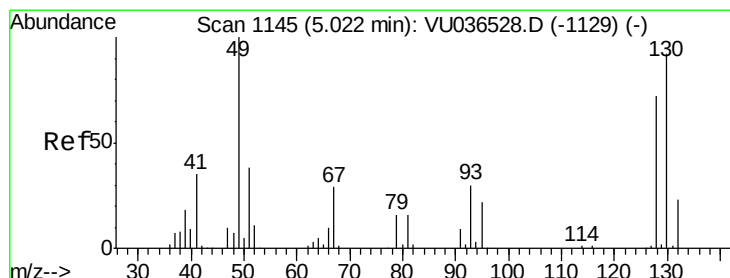
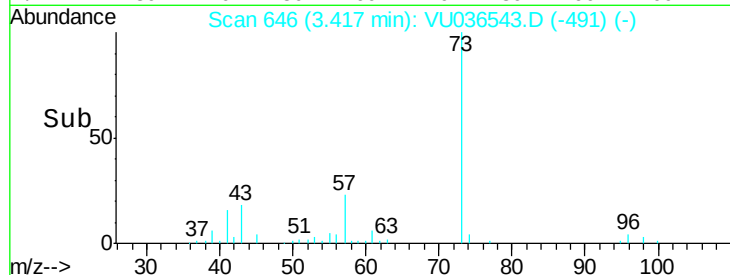
15000

10000

5000

0

Time-->



#26

Bromochloromethane

Concen: 2.044 ug/l

RT: 5.02 min Scan# 1145

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

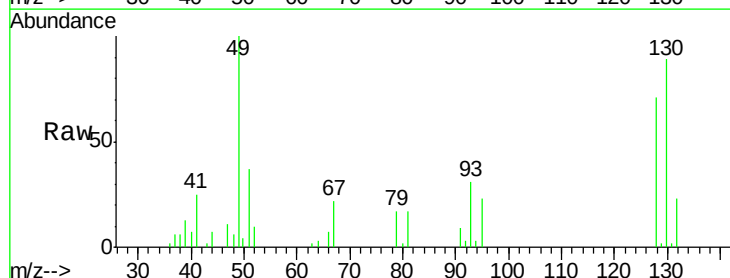
Tgt Ion: 128 Resp: 9280

Ion Ratio Lower Upper

128 100

49 139.0 0.0 286.2

130 127.8 104.3 156.5



Abundance Ion 128.00 (127.70 to 128.70): VU036528.D (-1129) (-)

Ion 49.00 (48.70 to 49.70): VU036543.D (-990) (-)

Ion 130.00 (129.70 to 130.70): VU036543.D (-990) (-)

5.02

8000

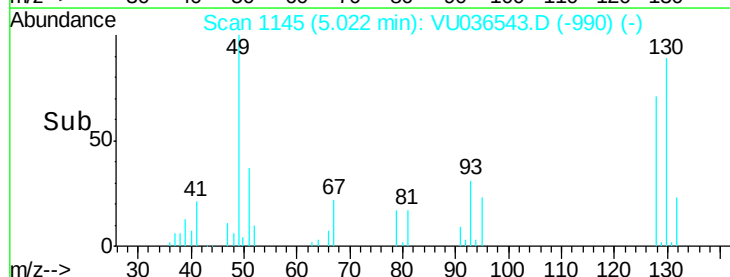
6000

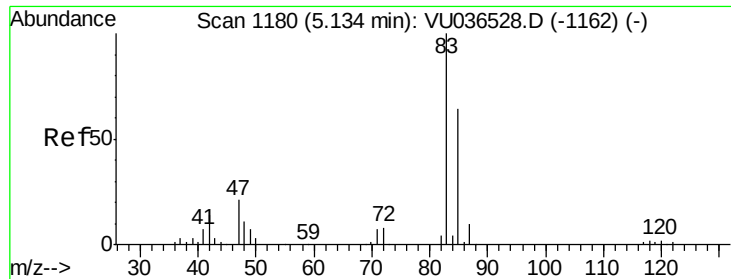
4000

2000

0

Time-->





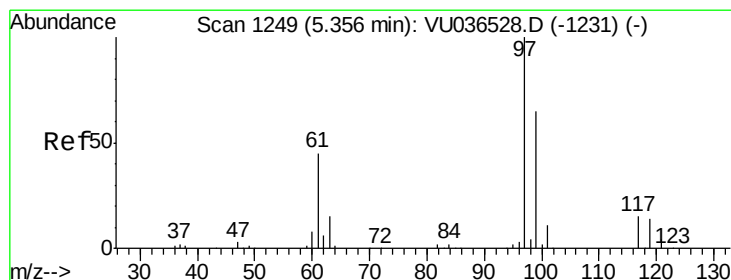
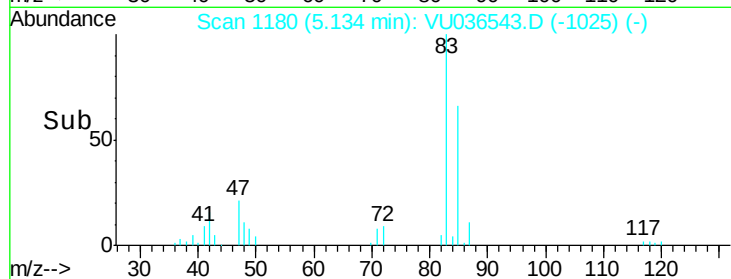
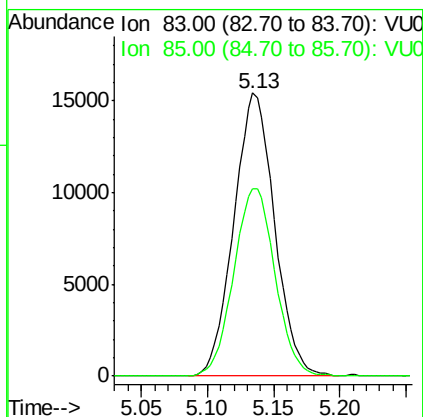
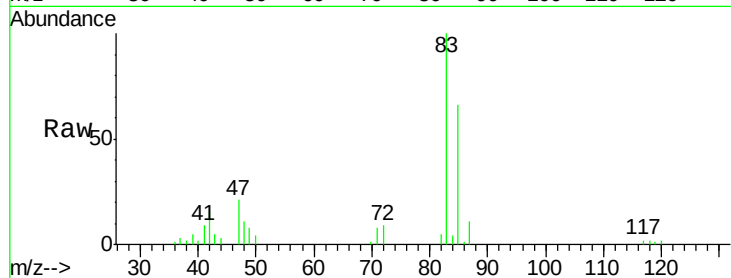
#27
Chloroform
Concen: 2.024 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

Tot Ion	83	Resp	32964
Ion Ratio	100	Lower	Upper
85	66.2	0.0	129.0

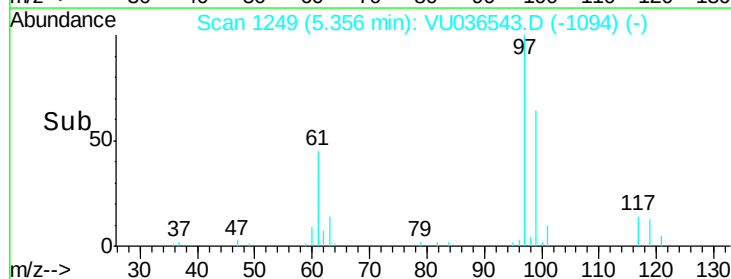
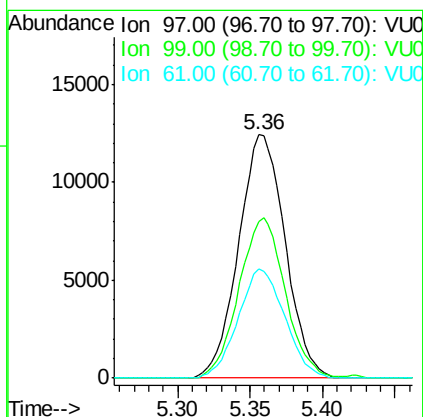
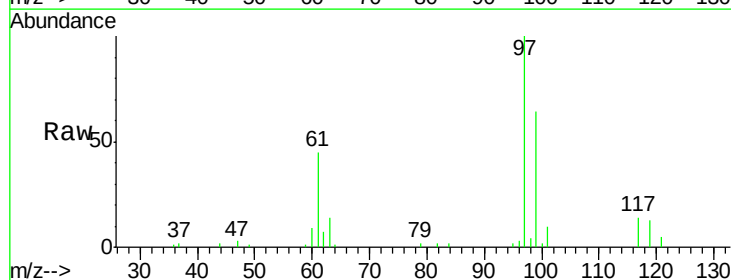
Manual Integrations
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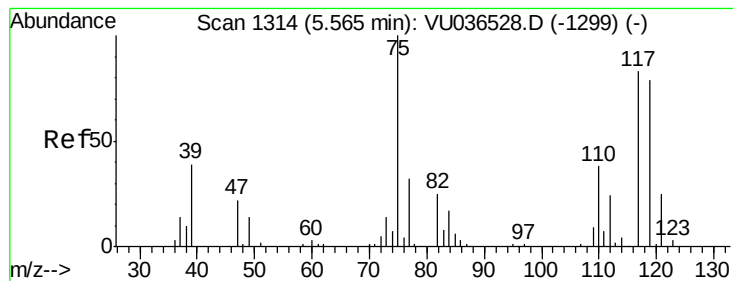
apatel
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#28
1,1,1-Trichloroethane
Concen: 2.032 ug/l
RT: 5.36 min Scan# 1249
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion	97	Resp	27741
Ion Ratio	100	Lower	Upper
99	65.4	32.1	96.3
61	44.8	22.7	68.0





#29

1,1-Dichloropropene

Concen: 1.995 ug/l

RT: 5.56 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS01

Tot Ion: 75 Resp: 26588

Ion Ratio Lower Upper

75 100

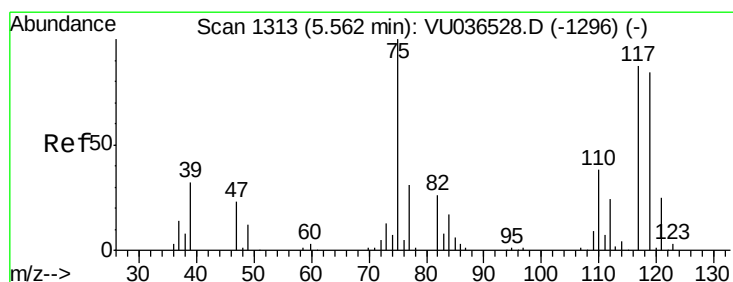
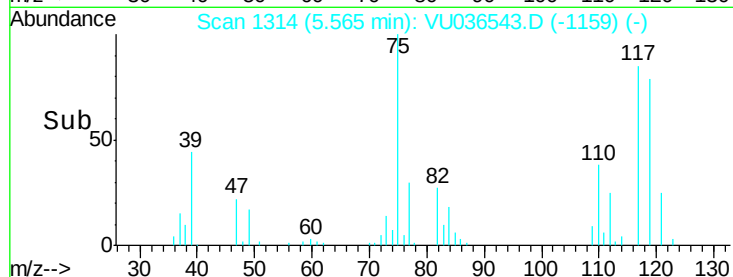
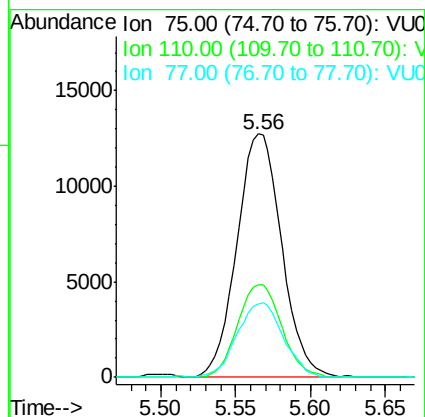
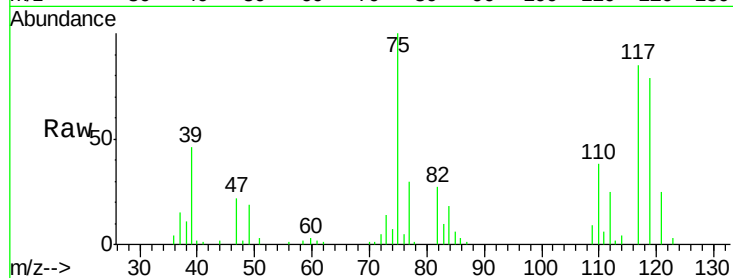
110 37.4 18.6 55.8

77 31.6 25.0 37.4

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#30

Carbon Tetrachloride

Concen: 2.010 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

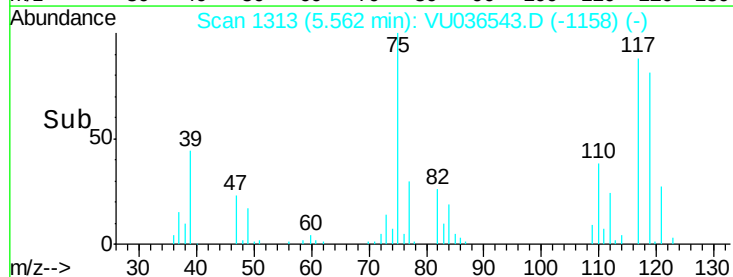
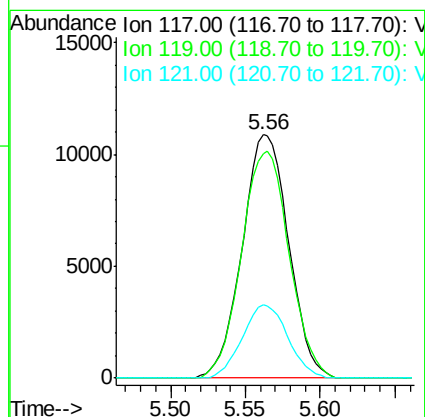
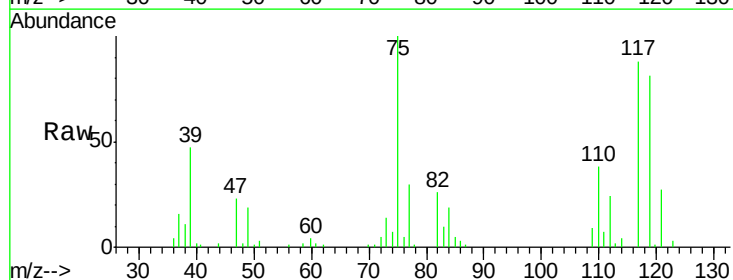
Tgt Ion: 117 Resp: 23504

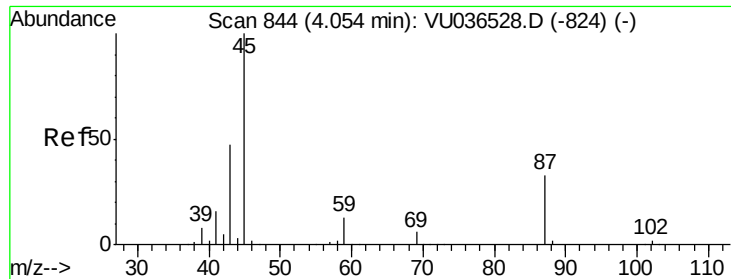
Ion Ratio Lower Upper

117 100

119 92.4 77.0 115.6

121 30.2 23.3 34.9





#31

Isopropyl Ether

Concen: 2.023 ug/l

RT: 4.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS01

Tot Ion: 45 Resp: 50567

Ion Ratio Lower Upper

45 100

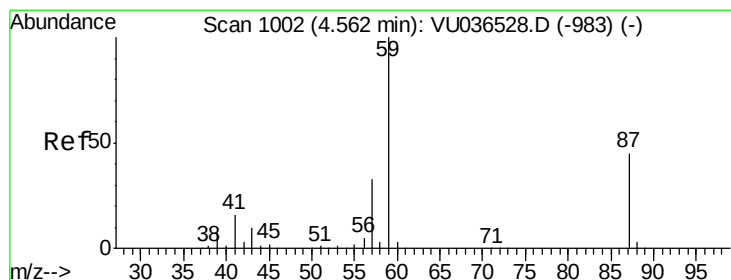
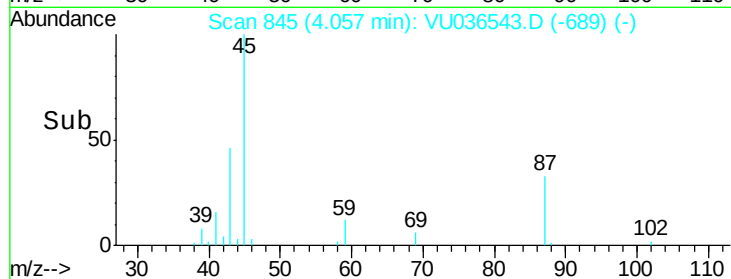
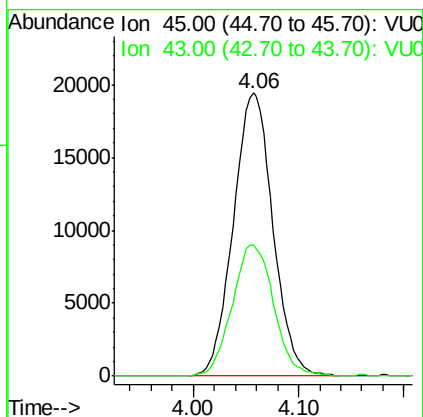
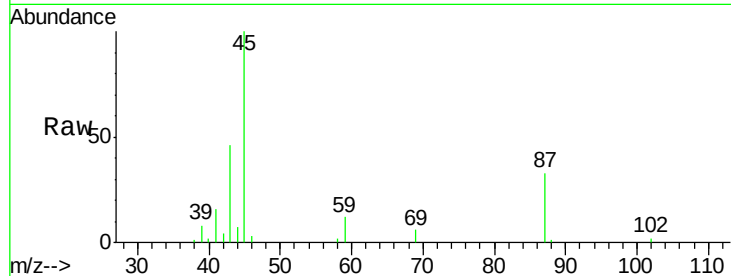
43 48.7 24.0 72.0

Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 2.018 ug/l

RT: 4.57 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VU036543.D

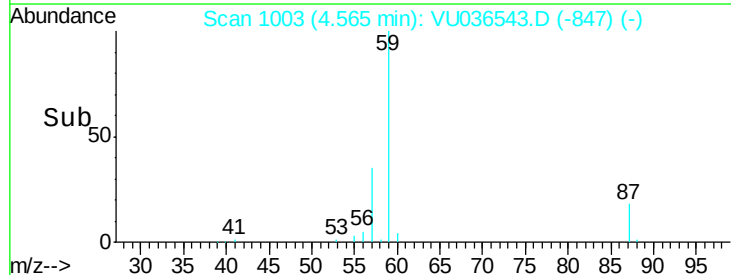
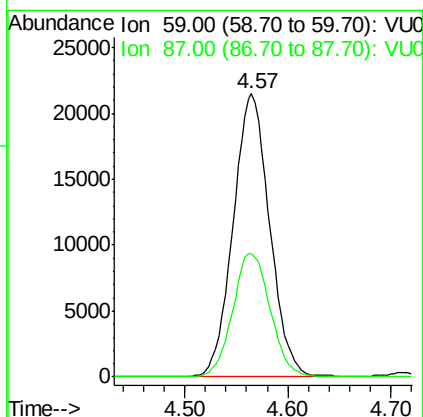
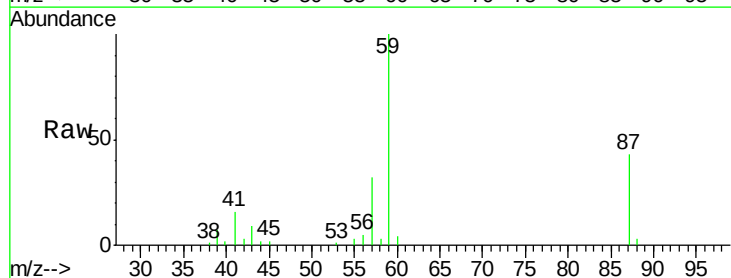
Acq: 23 Jan 2020 17:01

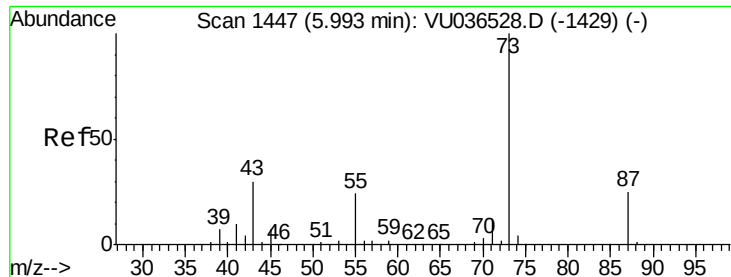
Tgt Ion: 59 Resp: 52763

Ion Ratio Lower Upper

59 100

87 45.0 35.1 52.7





#33

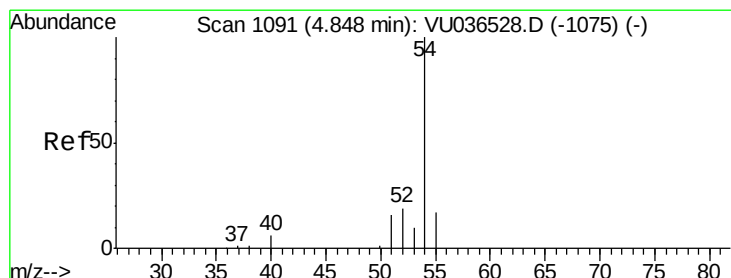
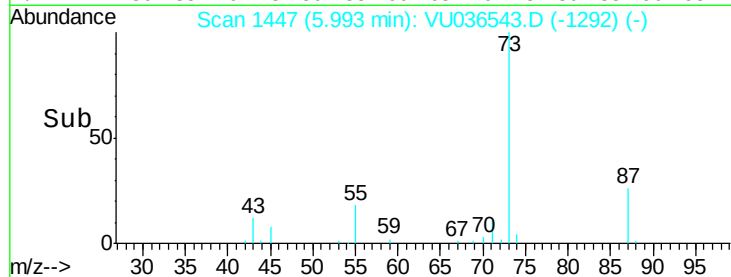
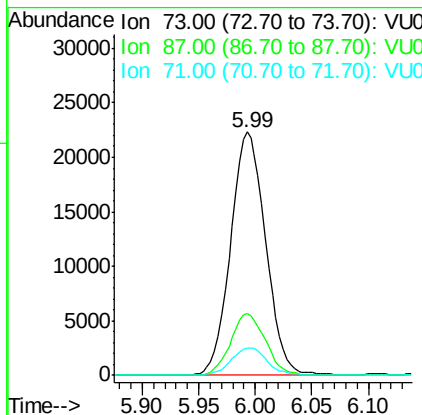
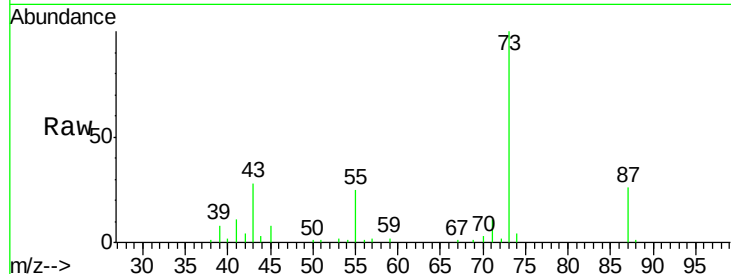
Tert-Butyl methyl ether
 Concen: 2.005 ug/l
 RT: 5.99 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
87	25.3	19.8	29.6
71	11.5	9.1	13.7

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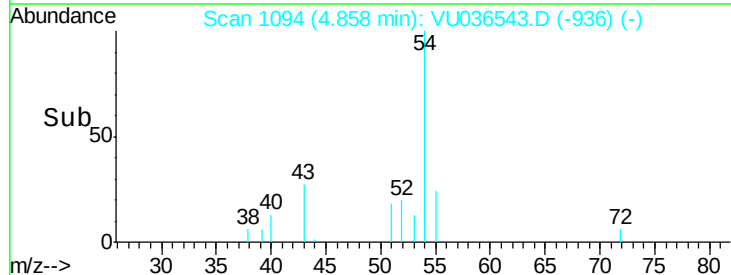
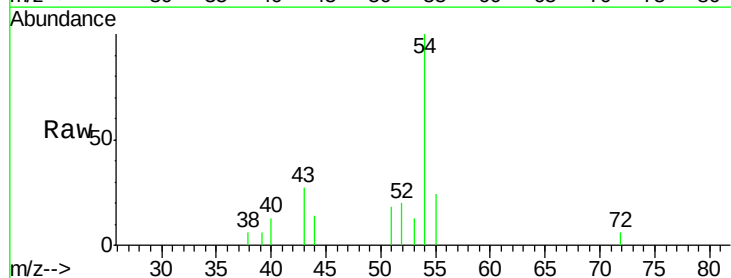
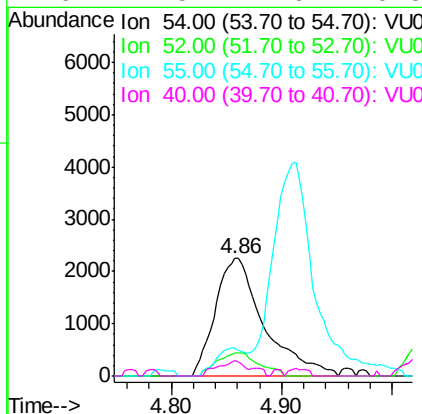
apatel
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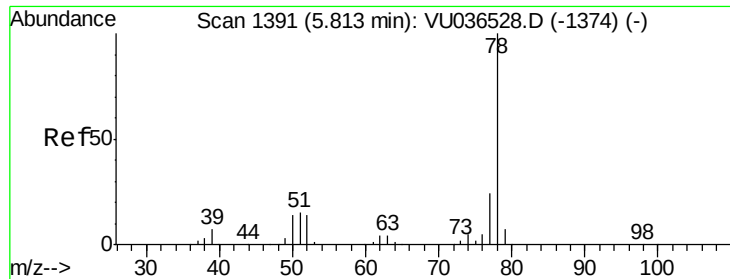


#34

Propionitrile
 Concen: 9.891 ug/l
 RT: 4.86 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
54	100		
52	17.2	15.2	22.8
55	14.9	9.5	14.3
40	7.5	4.6	6.8





#35

Benzene

Concen: 2.032 ug/l

RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS01

Tot Ion: 78 Resp: 78423

Ion Ratio Lower Upper

78 100

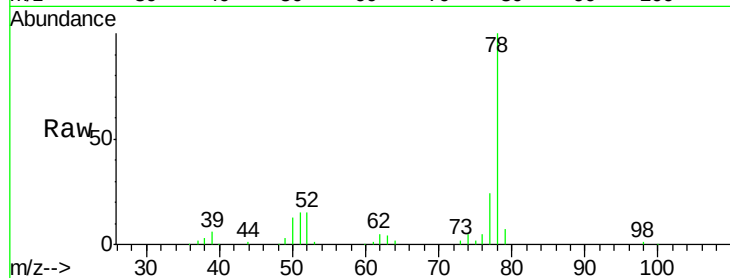
77 23.7 19.4 29.0

Manual Integrations

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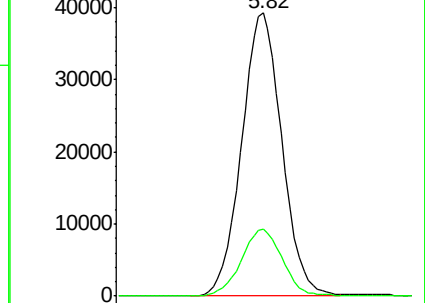
apatel

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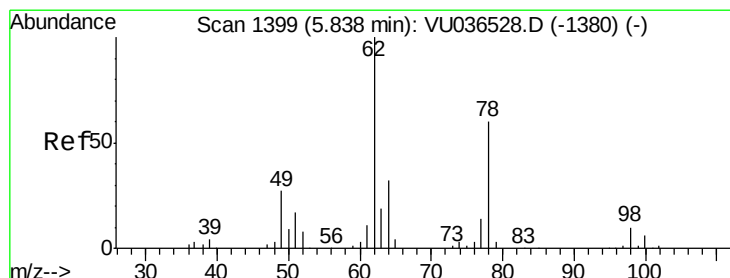
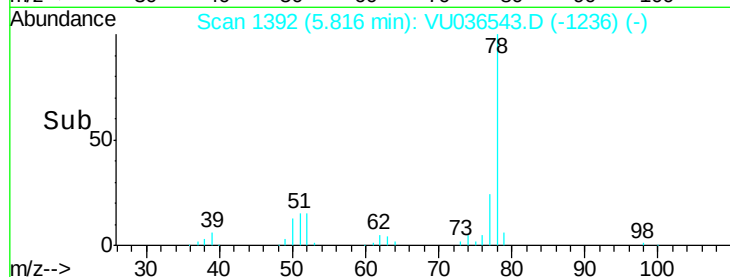


Abundance Ion 78.10 (77.80 to 78.80): VU036528.D (-1374) (-)

Ion 77.00 (76.70 to 77.70): VU036528.D (-1374) (-)



Time-->



#36

1,2-Dichloroethane

Concen: 2.077 ug/l

RT: 5.84 min Scan# 1400

Delta R.T. 0.00 min

Lab File: VU036543.D

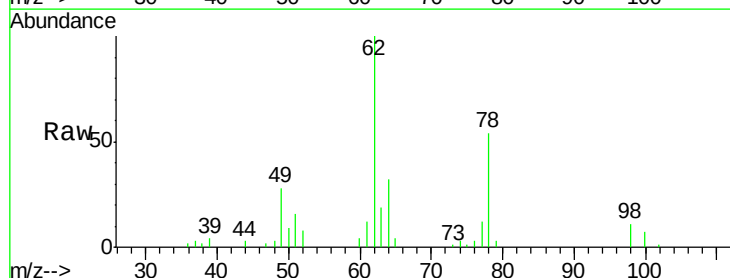
Acq: 23 Jan 2020 17:01

Tgt Ion: 62 Resp: 21573

Ion Ratio Lower Upper

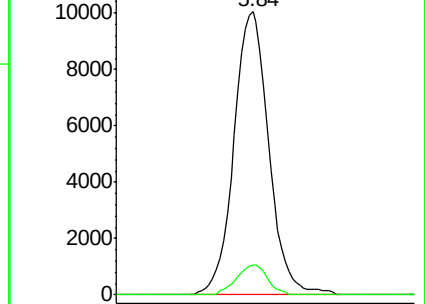
62 100

98 9.5 7.8 11.8

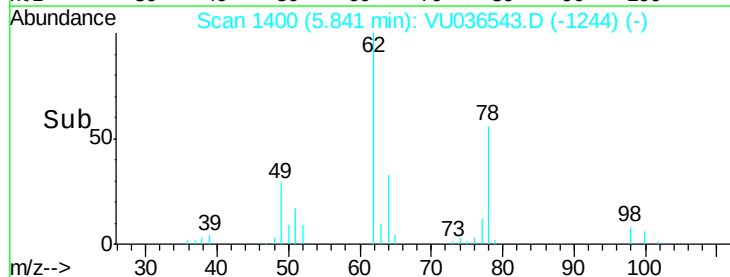


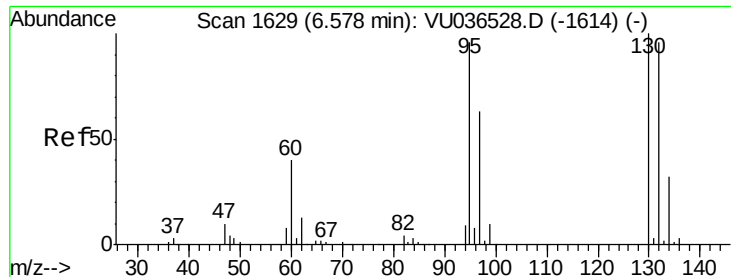
Abundance Ion 62.00 (61.70 to 62.70): VU036528.D (-1380) (-)

Ion 98.00 (97.70 to 98.70): VU036528.D (-1380) (-)



Time-->





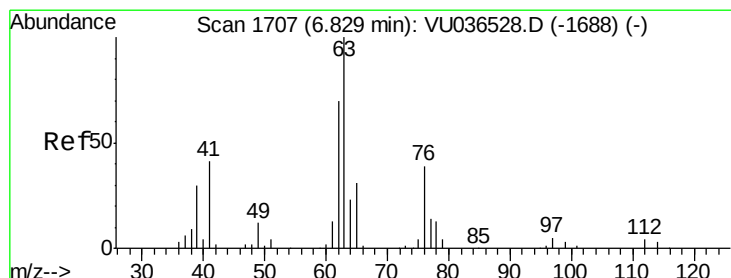
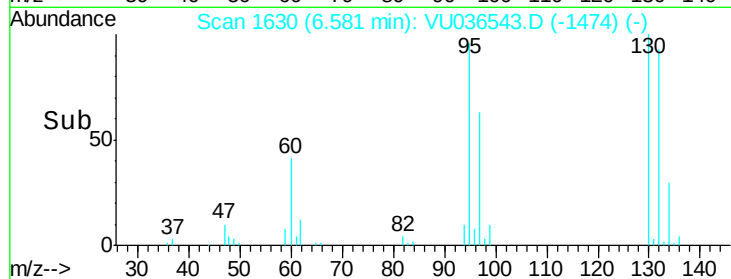
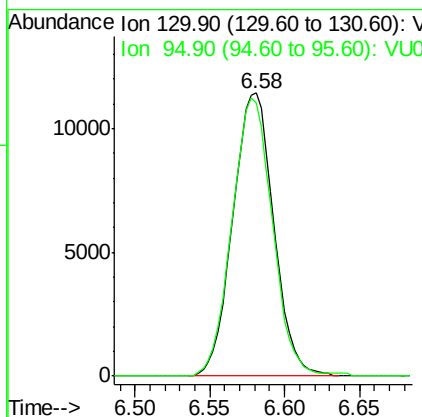
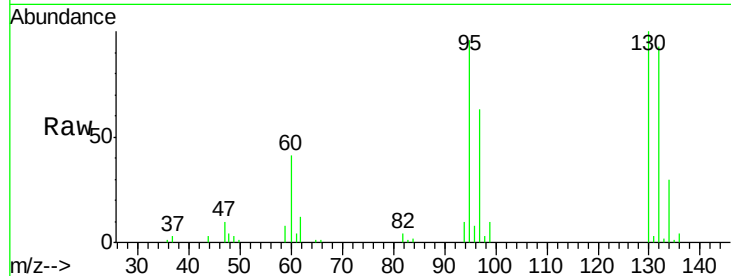
#37
 Trichloroethene
 Concen: 2.042 ug/l
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS01

Tot Ion:130 Resp: 21755
 Ion Ratio Lower Upper
 130 100
 95 96.4 77.0 115.4

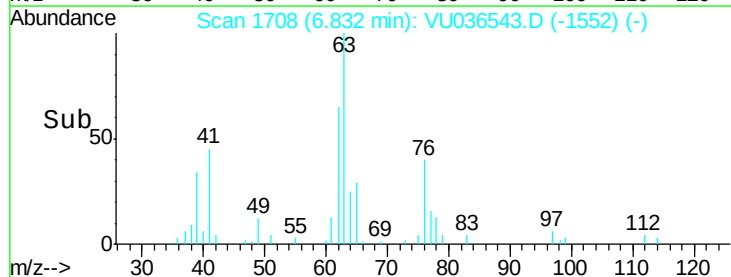
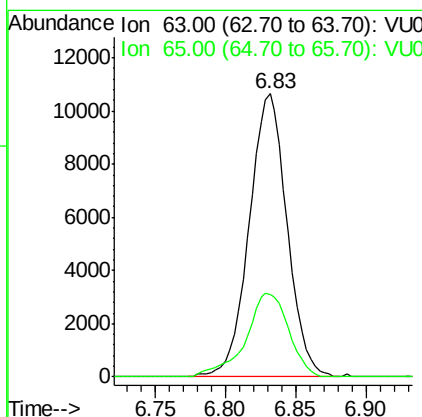
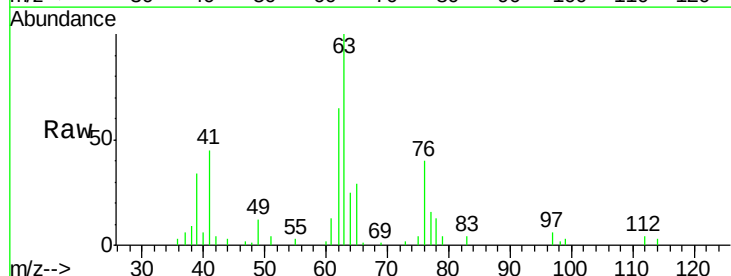
Manual Integrations
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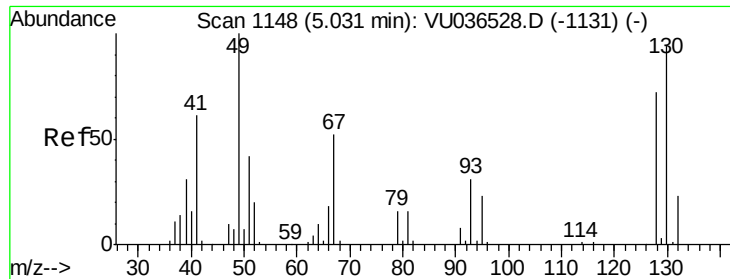
apatel
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#38
 1,2-Dichloropropane
 Concen: 2.060 ug/l
 RT: 6.83 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Tgt Ion: 63 Resp: 19982
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.7 37.1





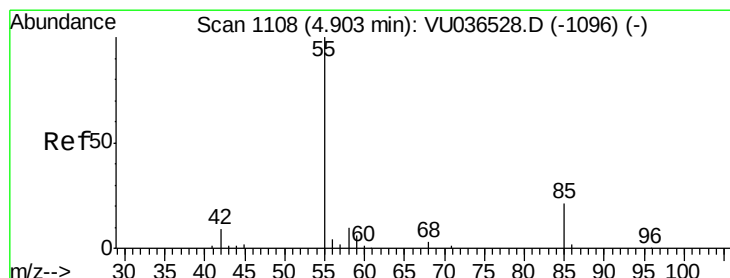
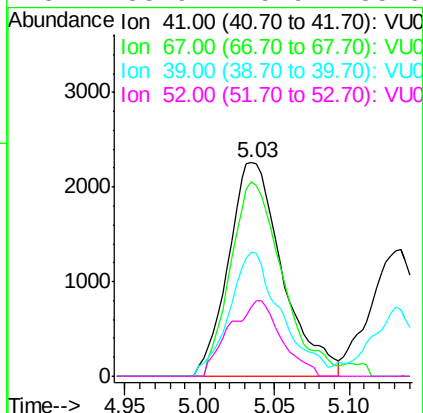
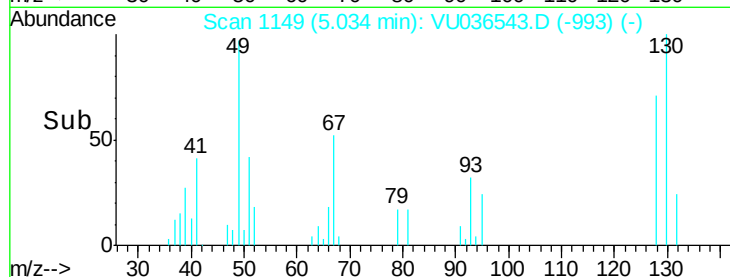
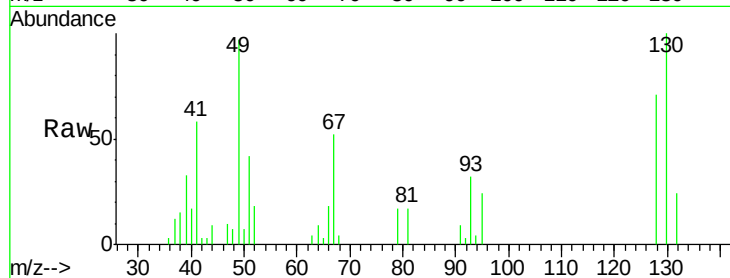
#39
Methacrylonitrile
Concen: 1.946 ug/l
RT: 5.03 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

Tot Ion	41	Resp:	5685
Ion	Ratio	Lower	Upper
41	100		
67	87.1	69.6	104.4
39	55.3	41.6	62.4
52	33.9	25.9	38.9

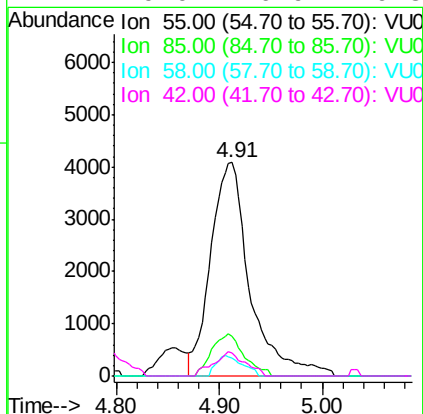
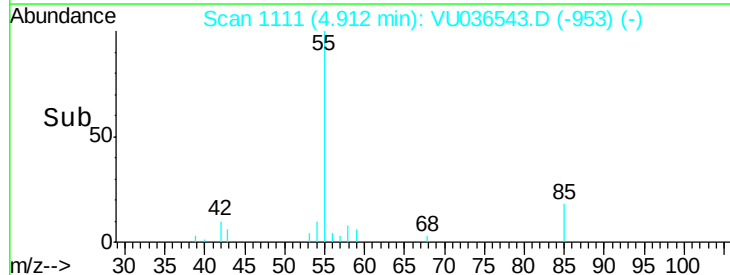
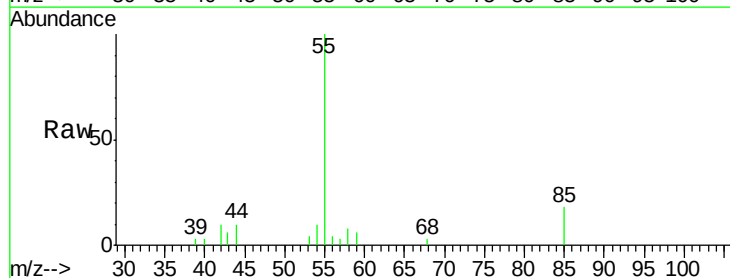
Manual Integrations
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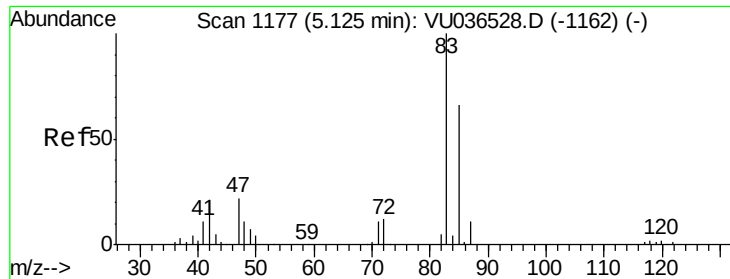
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#40
Methyl acrylate
Concen: 2.334 ug/l
RT: 4.91 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion	55	Resp:	10807
Ion	Ratio	Lower	Upper
55	100		
85	16.1	14.7	22.1
58	6.2	7.1	10.7
42	9.0	6.9	10.3





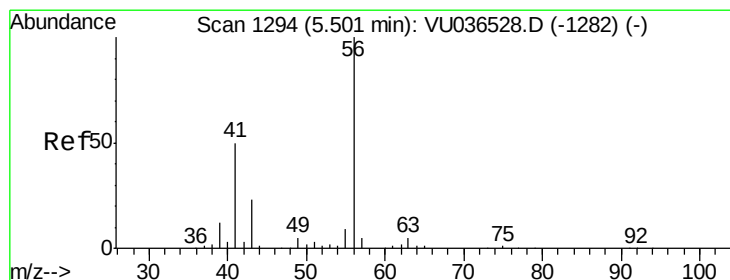
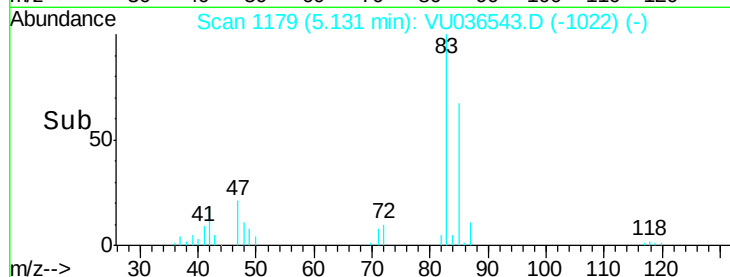
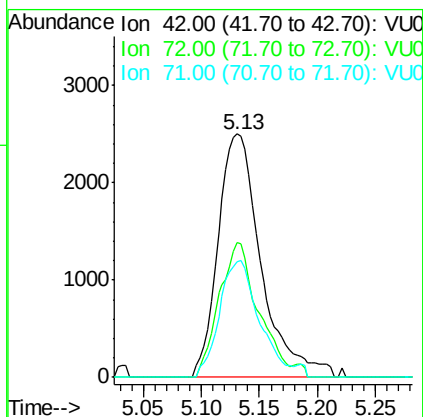
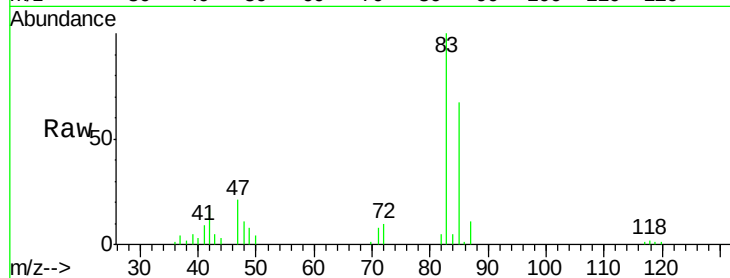
#41
Tetrahydrofuran
Concen: 4.057 ug/l
RT: 5.13 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.3	42.5	63.7
71	44.1	37.3	55.9

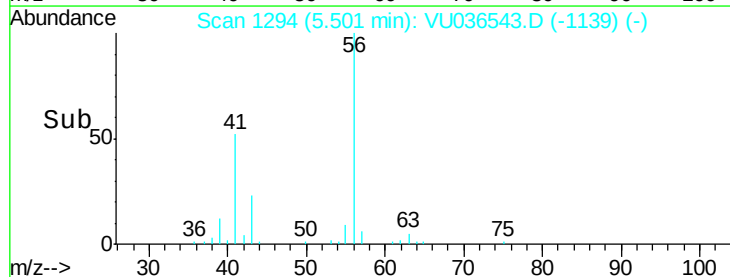
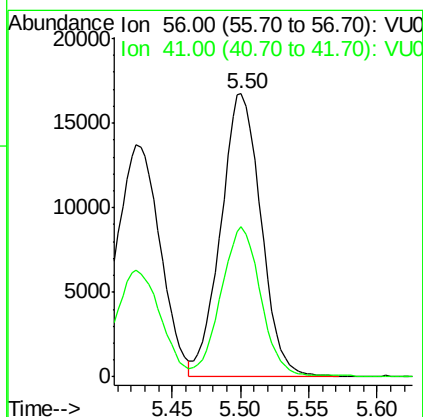
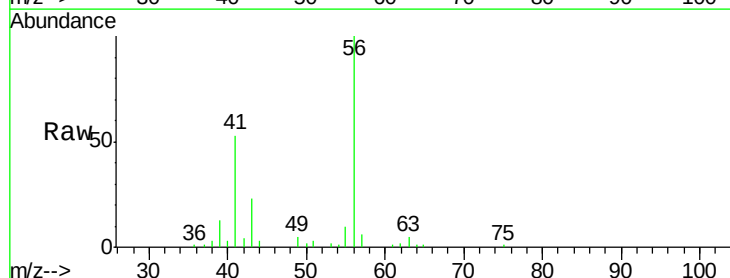
Manual Integrations
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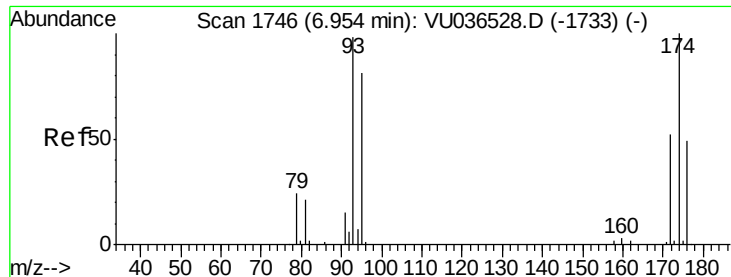
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#42
1-Chlorobutane
Concen: 1.988 ug/l
RT: 5.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
56	100		
41	51.0	24.8	74.3





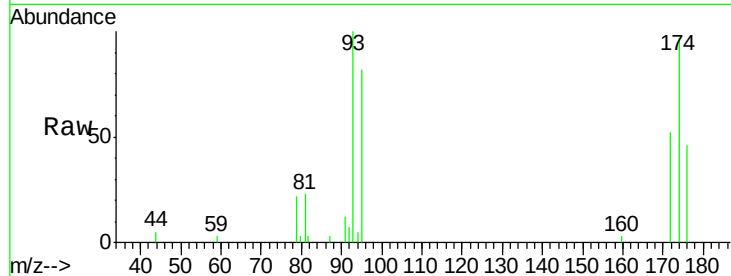
#43
Dibromomethane
Concen: 2.060 ug/l
RT: 6.96 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

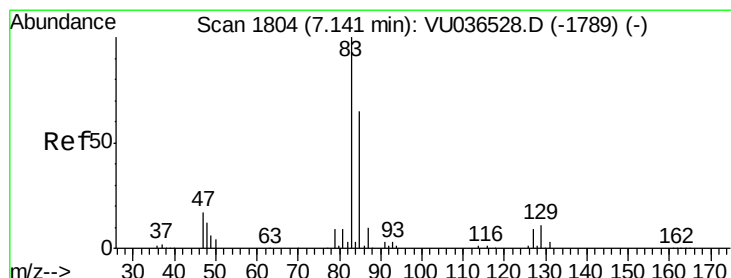
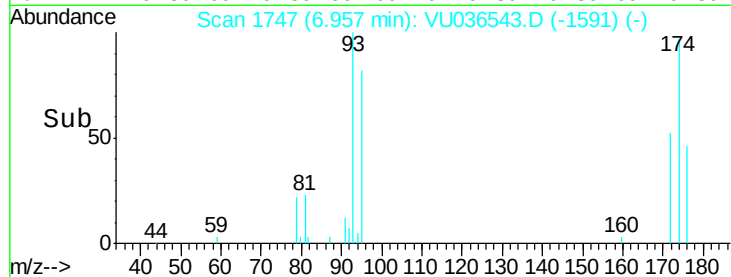
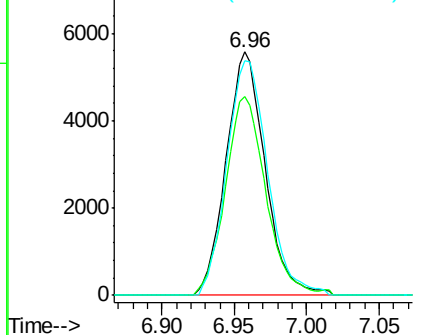
Tot Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.9	101.9
174	100.6	83.4	125.0

Manual Integrations
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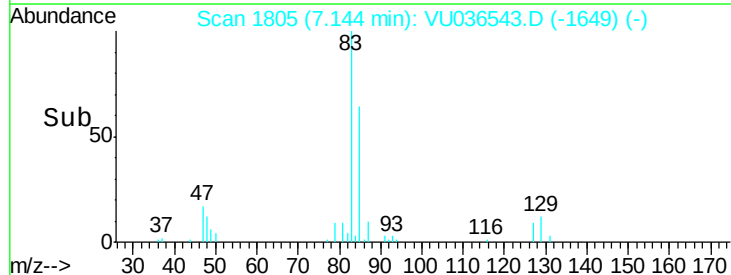
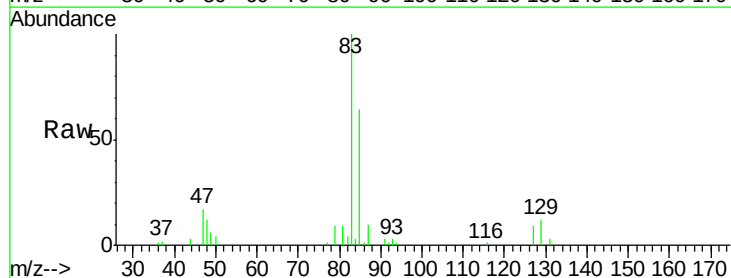
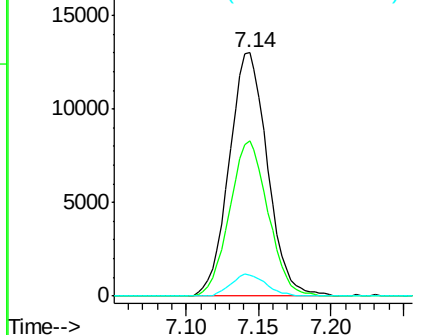
Abundance Ion 93.00 (92.70 to 93.70): VU036528.D (-1733) (-)
Ion 95.00 (94.70 to 95.70): VU036528.D (-1733) (-)
Ion 174.00 (173.70 to 174.70): VU036528.D (-1733) (-)

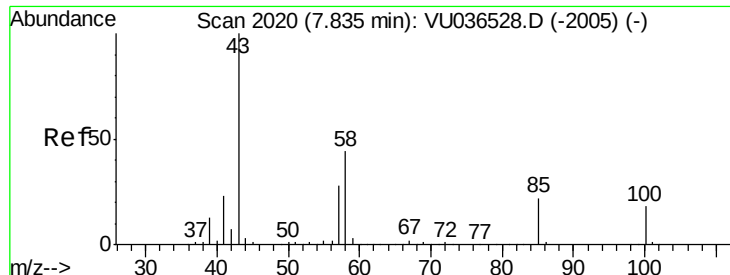


#44
Bromodichloromethane
Concen: 1.994 ug/l
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.6
127	8.8	6.8	10.2

Abundance Ion 83.00 (82.70 to 83.70): VU036528.D (-1789) (-)
Ion 85.00 (84.70 to 85.70): VU036528.D (-1789) (-)
Ion 127.00 (126.70 to 127.70): VU036528.D (-1789) (-)





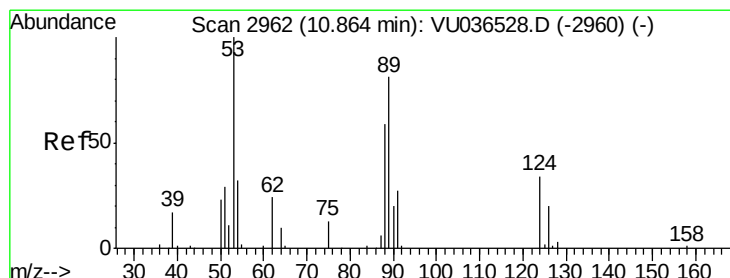
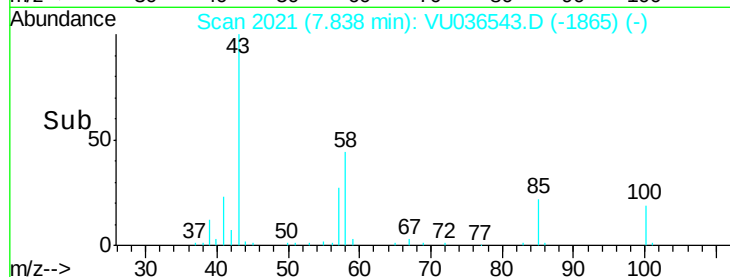
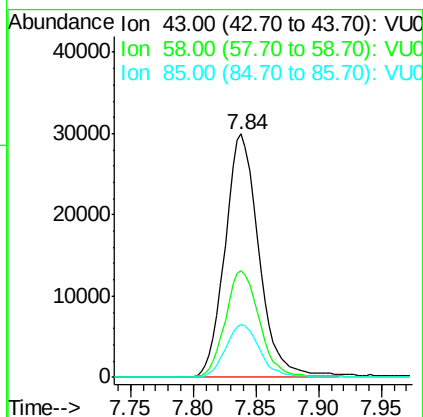
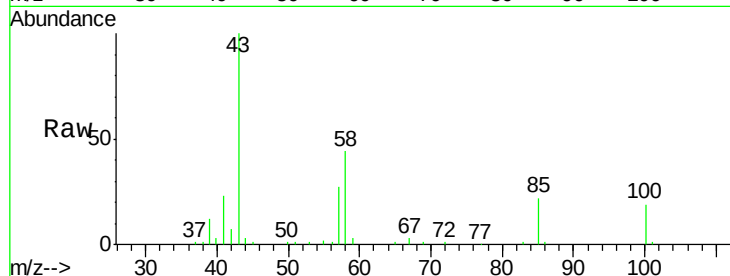
#45
4-Methyl-2-Pentanone
Concen: 9.895 ug/l
RT: 7.84 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.1	22.1	66.1
85	21.7	17.4	26.0

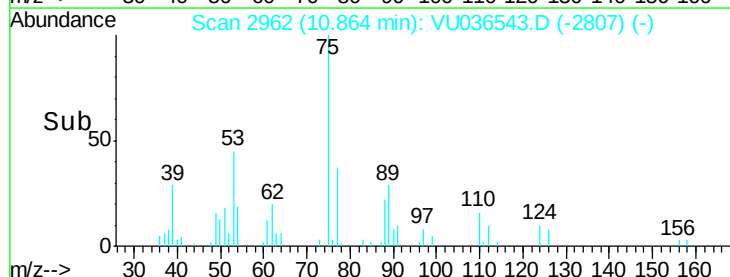
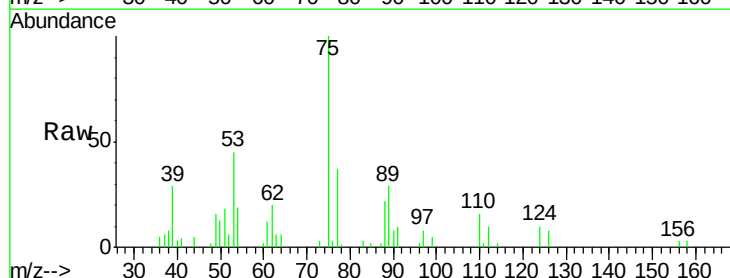
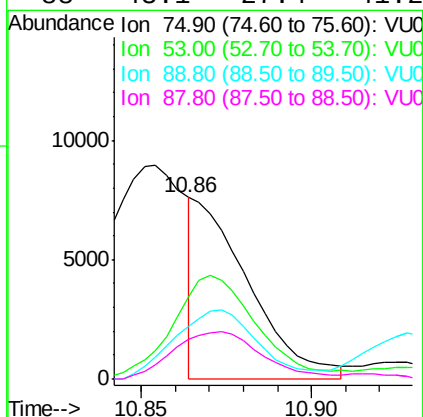
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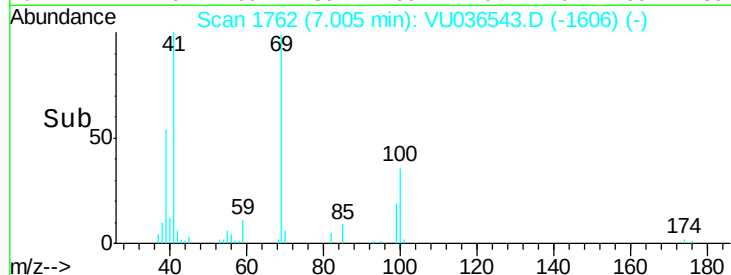
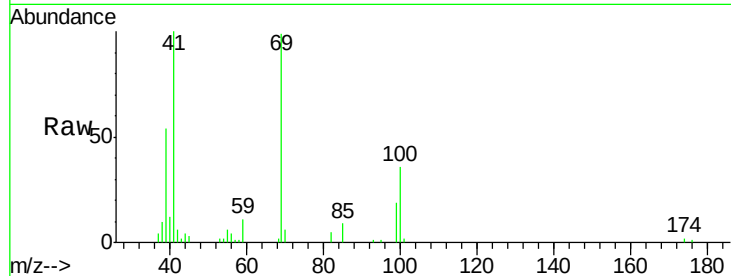
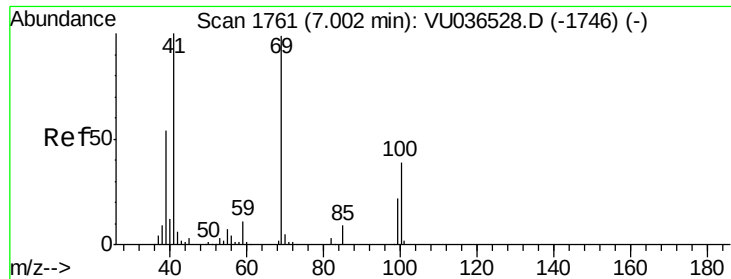
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#46
t-1,4-Dichloro-2-butene
Concen: 3.347 ug/l m
RT: 10.86 min Scan# 2962
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	88.3	52.2	78.2#
89	59.0	39.8	59.6
88	43.1	27.4	41.2#





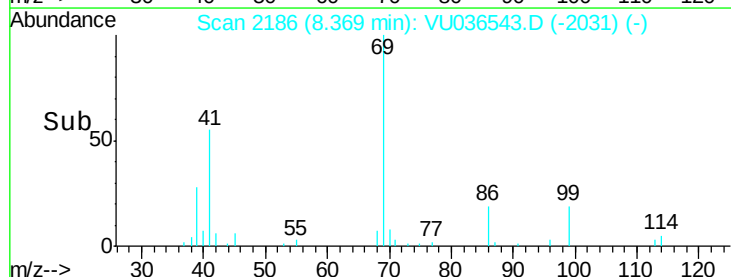
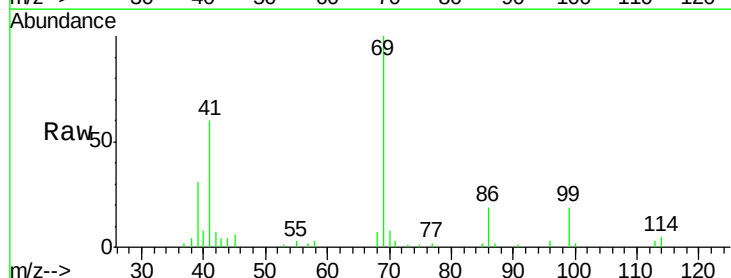
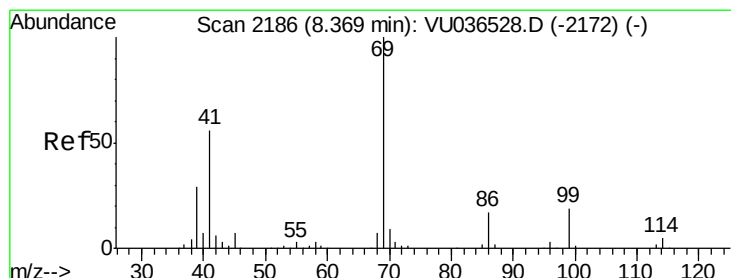
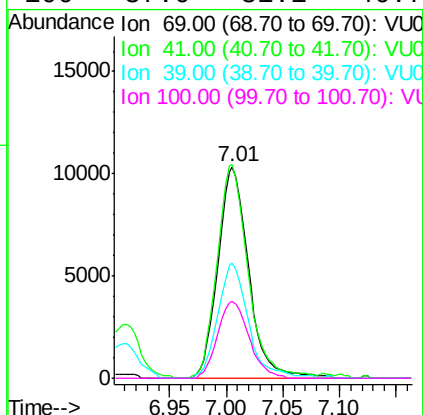
#47
Methyl methacrylate
Concen: 3.944 ug/l
RT: 7.01 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100		19571		
41	101.7	0.0	200.8		
39	54.4	43.5	65.3		
100	37.0	31.1	46.7		

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

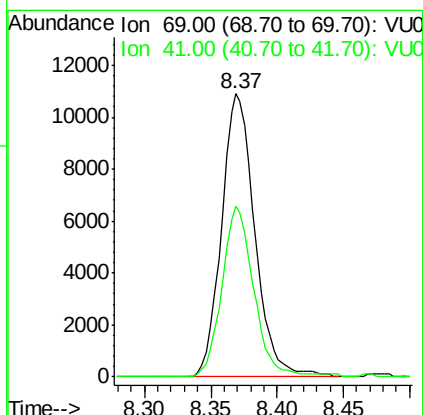
Manual Integrations
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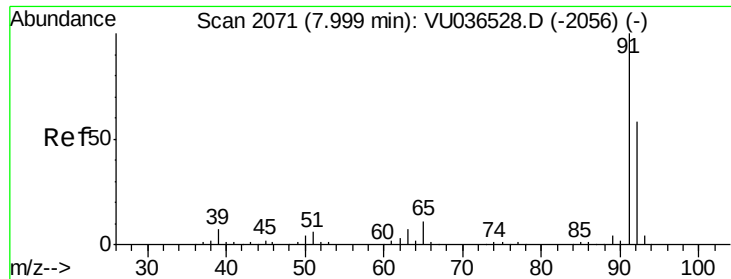
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#48
Ethyl methacrylate
Concen: 1.978 ug/l
RT: 8.37 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		18958		
41	57.7	27.9	83.6		





#49

Toluene

Concen: 1.983 ug/l

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

ClientSampled :

VU0123WBS01

Tot Ion: 92 Resp: 48846

Ion Ratio Lower Upper

92 100

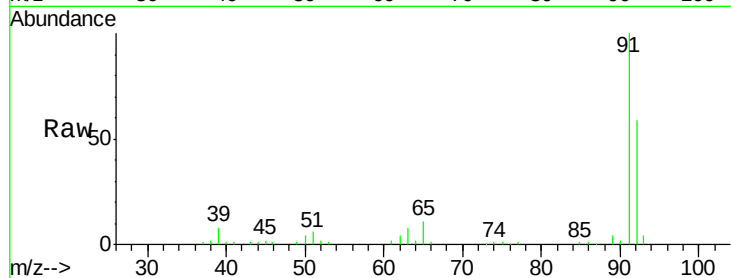
91 173.6 139.1 208.7

Manual Integrations

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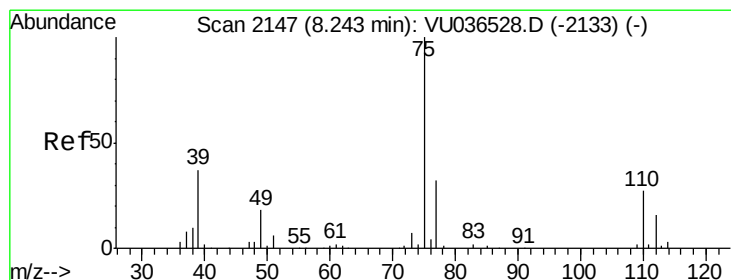
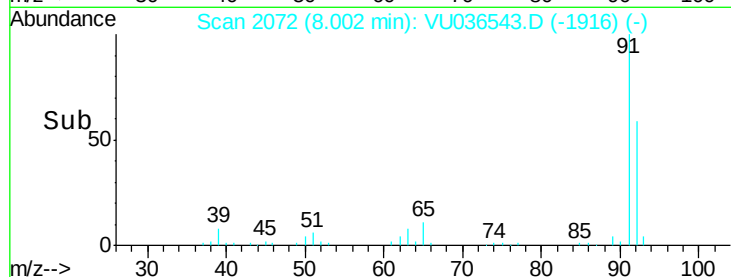
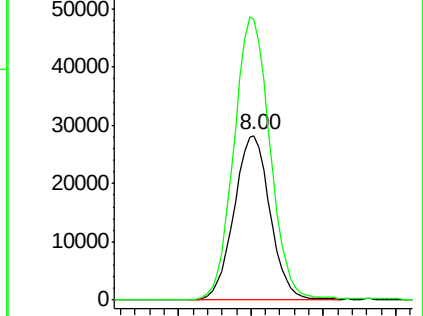
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Abundance Ion 92.00 (91.70 to 92.70): VU036528.D (-2056) (-)

Ion 91.00 (90.70 to 91.70): VU036528.D (-2056) (-)



#50

t-1,3-Dichloropropene

Concen: 2.002 ug/l

RT: 8.24 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VU036543.D

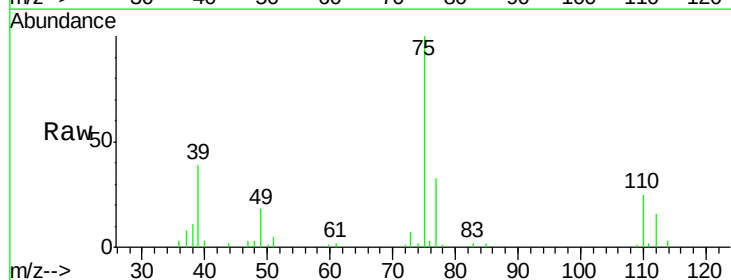
Acq: 23 Jan 2020 17:01

Tgt Ion: 75 Resp: 23898

Ion Ratio Lower Upper

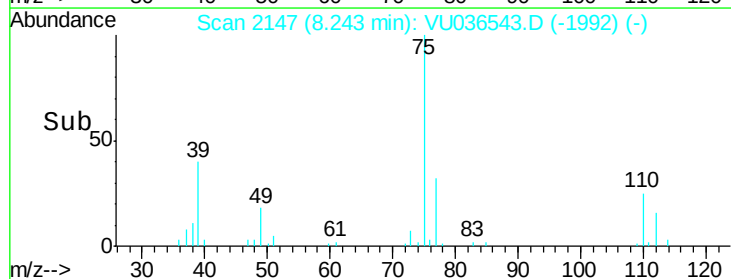
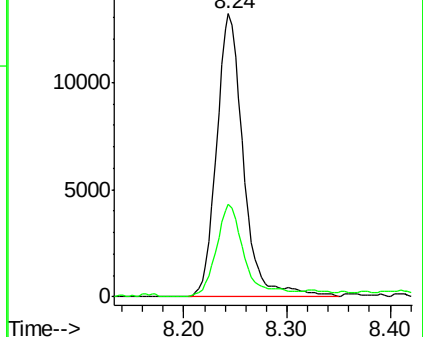
75 100

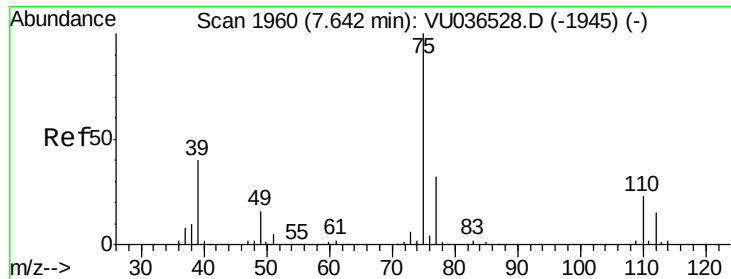
77 32.7 25.4 38.2



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

Ion 77.00 (76.70 to 77.70): VU036528.D (-2133) (-)





#51

cis-1,3-Dichloropropene

Concen: 2.003 ug/l

RT: 7.64 min Scan# 1960

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

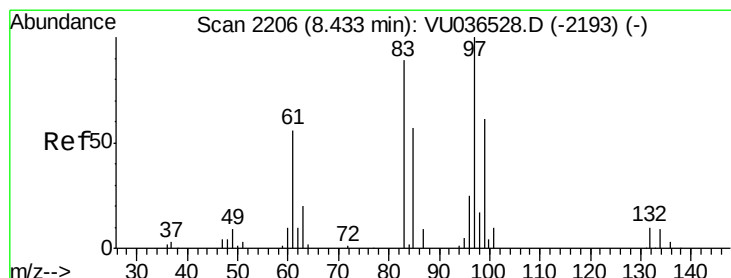
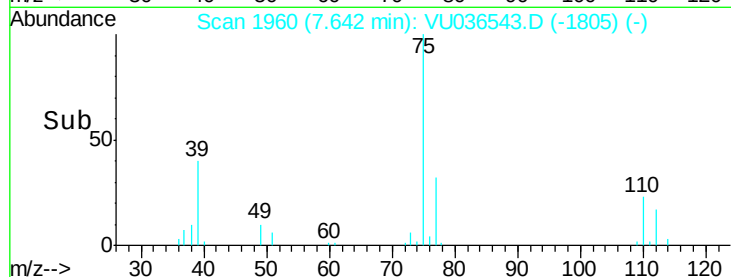
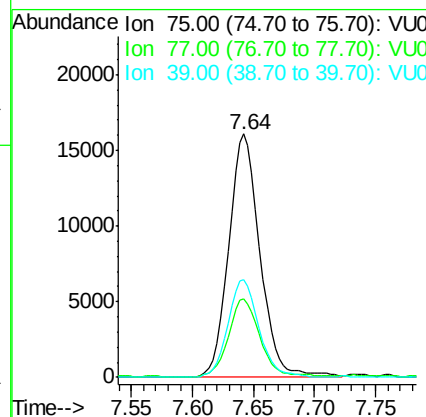
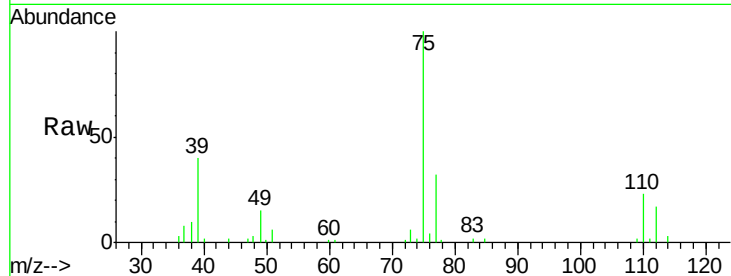
ClientSampleId :

VU0123WBS01

Tot Ion:	75	Resp:	28974
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.3	37.9
39	40.2	31.8	47.6

Manual Integrations
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#52

1,1,2-Trichloroethane

Concen: 1.999 ug/l

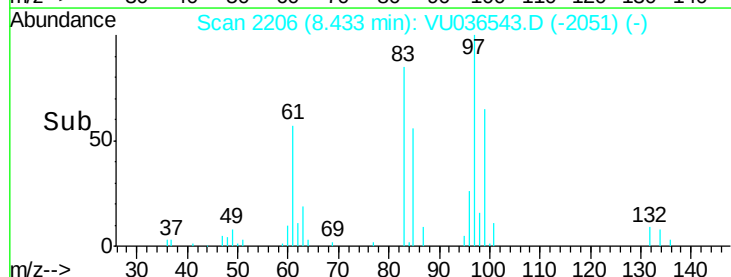
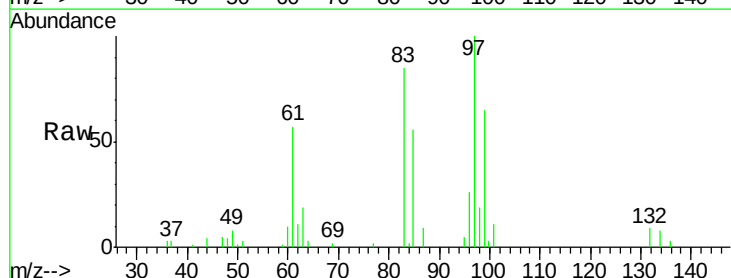
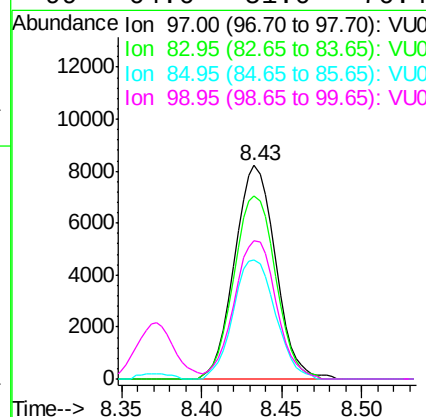
RT: 8.43 min Scan# 2206

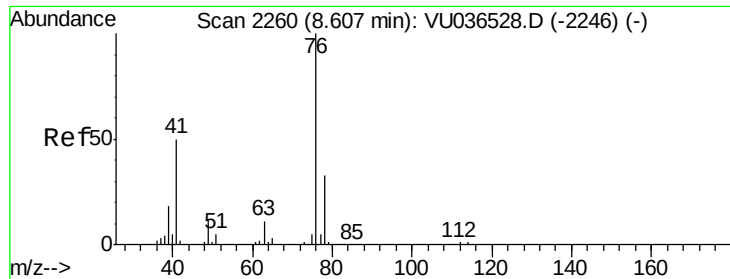
Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Tgt Ion:	97	Resp:	14362
Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.9	106.3
85	55.9	45.6	68.4
99	64.6	51.0	76.4





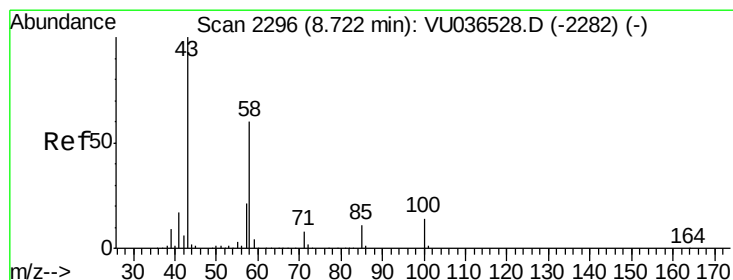
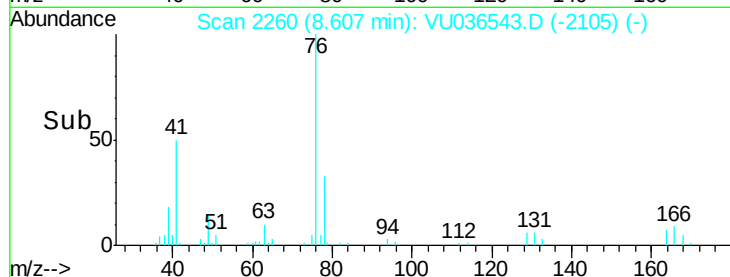
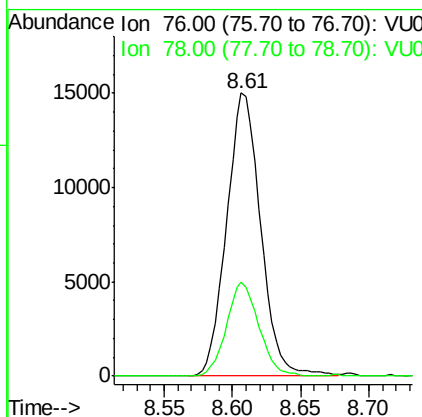
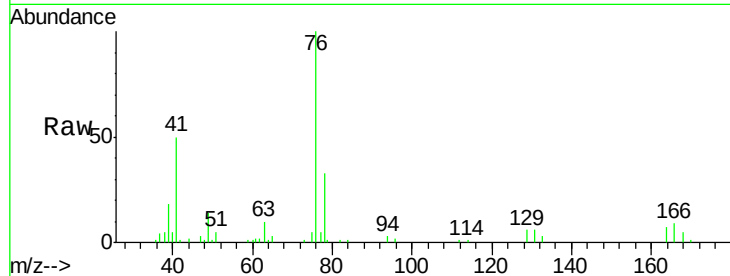
#53
 1,3-Dichloropropane
 Concen: 2.115 ug/l
 RT: 8.61 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.4	25.4	38.2

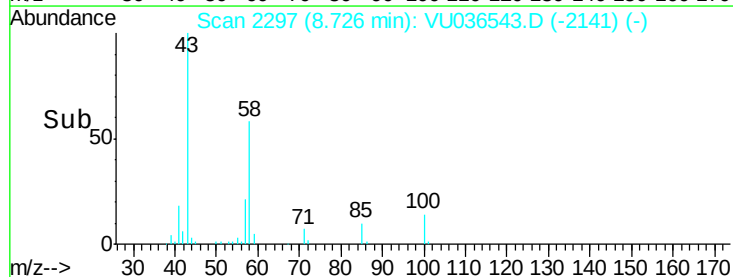
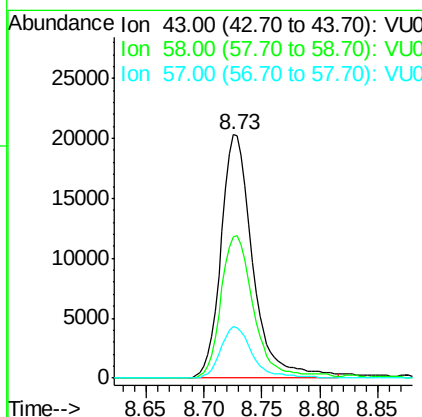
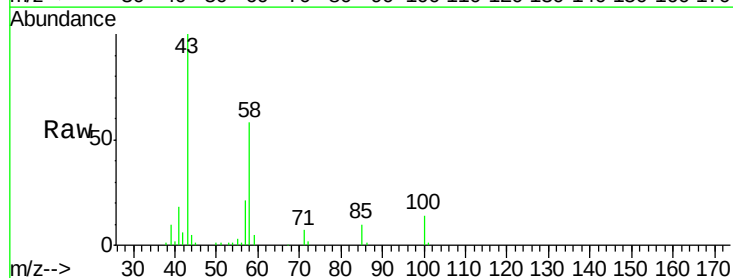
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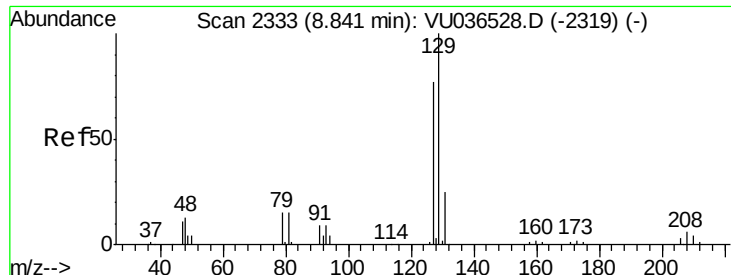
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#54
 2-Hexanone
 Concen: 9.667 ug/l
 RT: 8.73 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	60.5	40.6	80.6
57	20.9	1.2	41.2





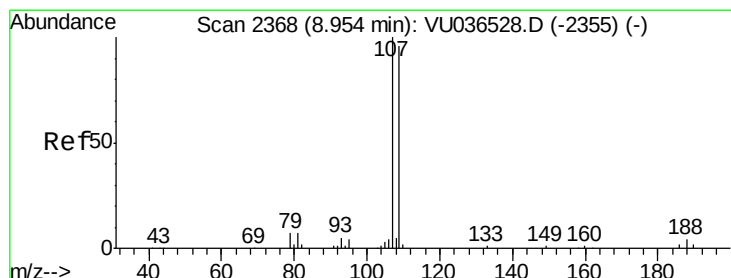
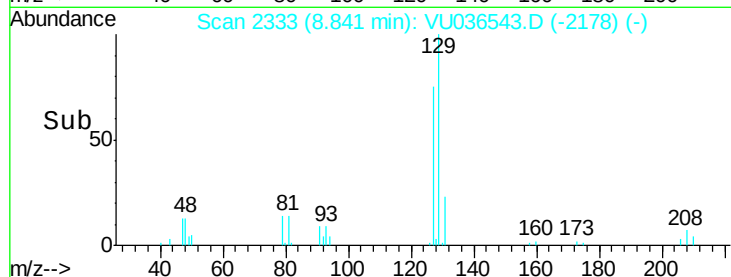
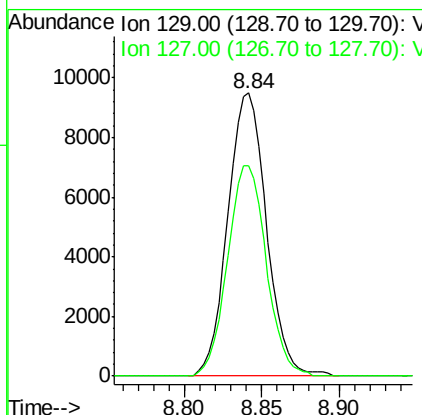
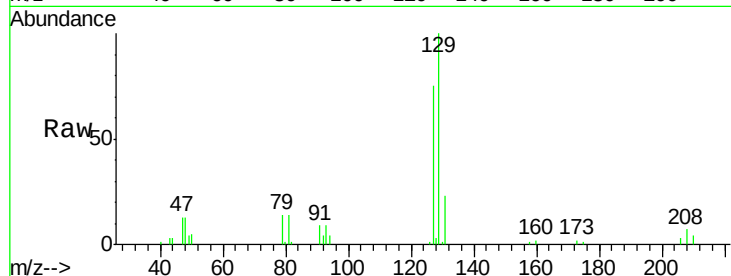
#55
 Dibromochloromethane
 Concen: 1.991 ug/l
 RT: 8.84 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS01

Tot Ion:129 Resp: 16473
 Ion Ratio Lower Upper
 129 100
 127 74.2 62.6 94.0

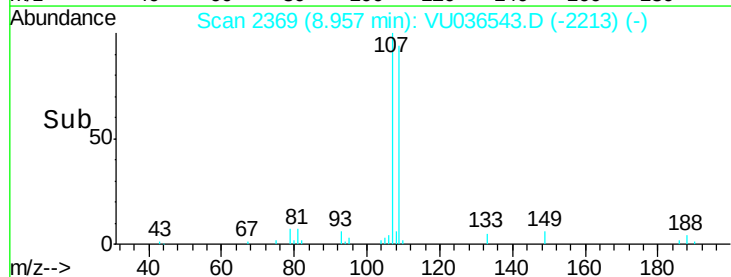
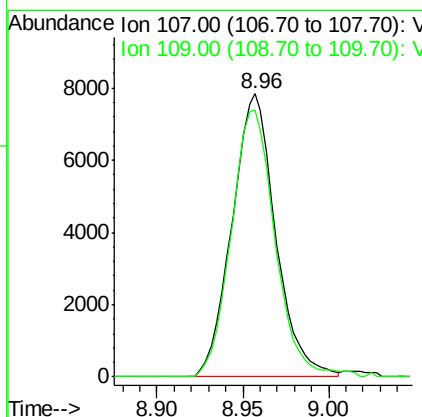
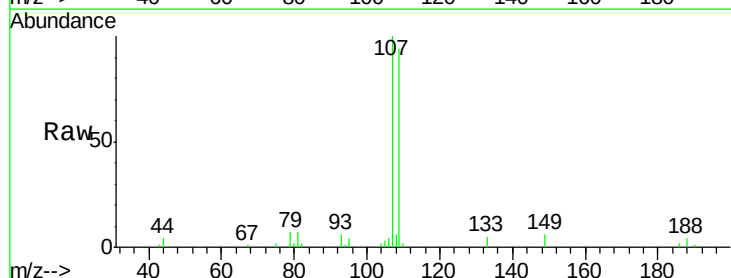
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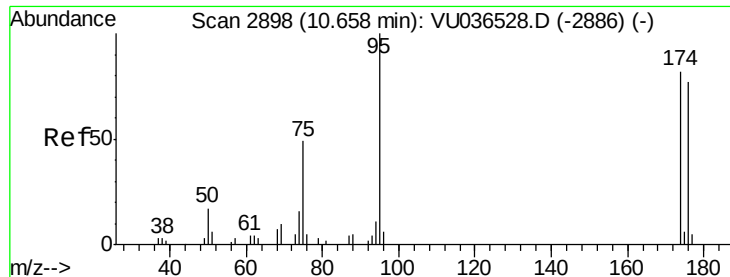
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#56
 1,2-Dibromoethane
 Concen: 1.994 ug/l
 RT: 8.96 min Scan# 2369
 Delta R.T. 0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Tgt Ion:107 Resp: 13795
 Ion Ratio Lower Upper
 107 100
 109 94.9 0.0 190.8





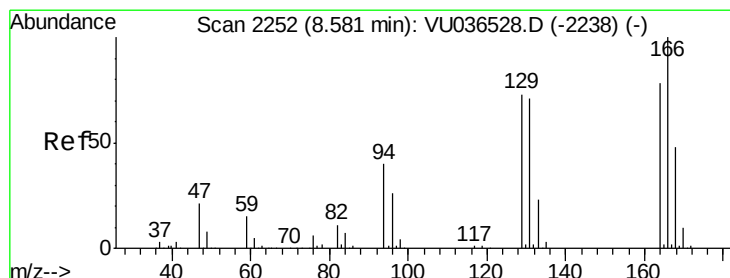
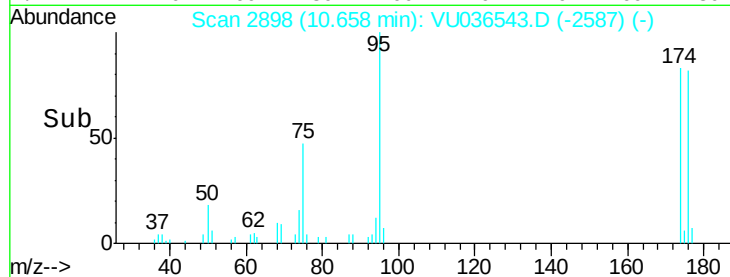
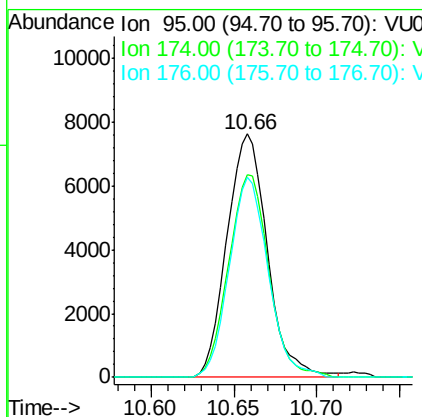
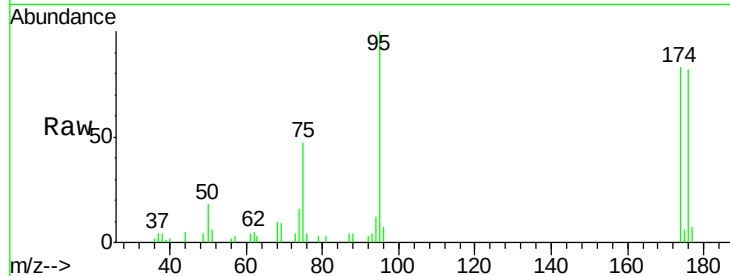
#57
4-Bromofluorobenzene
Concen: 0.984 ug/l
RT: 10.66 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	12935		
174	82.7	64.7	97.1	
176	79.1	60.6	91.0	

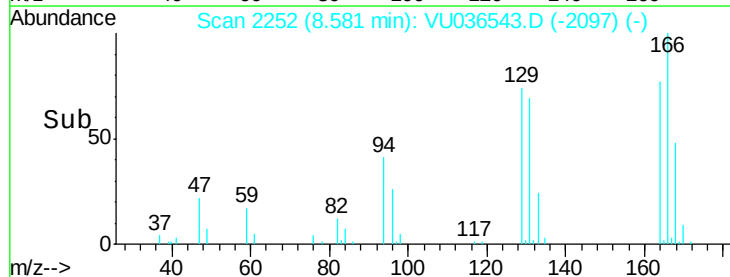
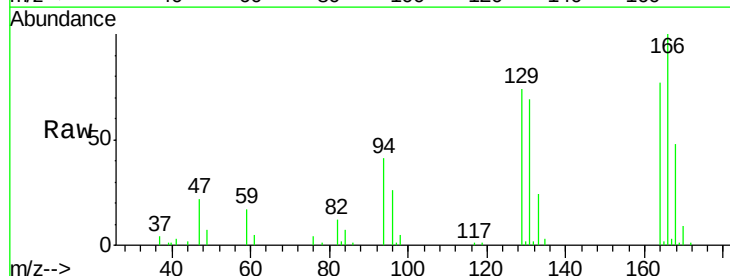
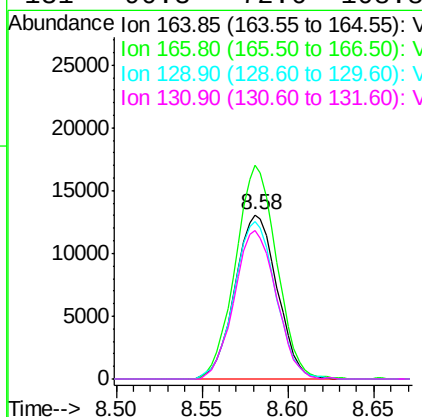
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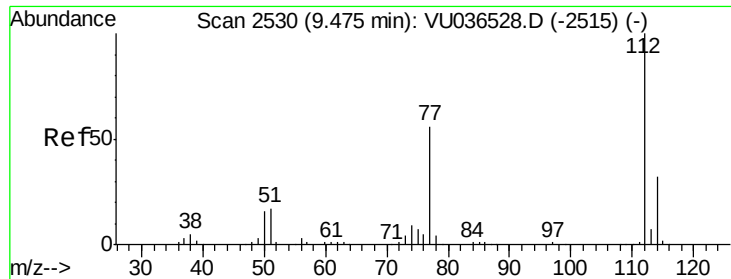
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#58
Tetrachloroethene
Concen: 2.098 ug/l
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	22343		
166	130.1	102.0	153.0	
129	96.0	74.9	112.3	
131	90.3	72.6	108.8	





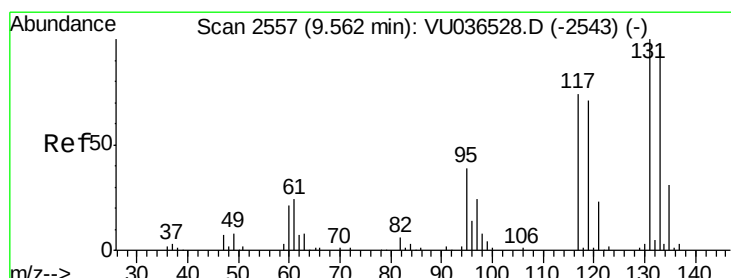
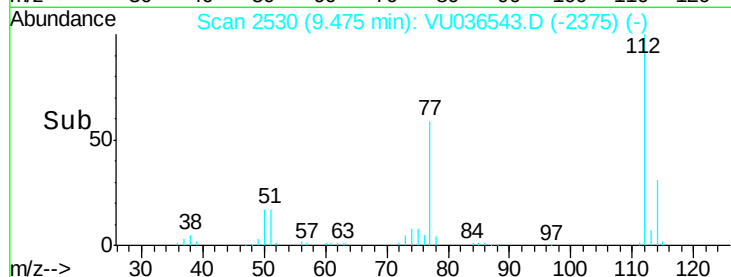
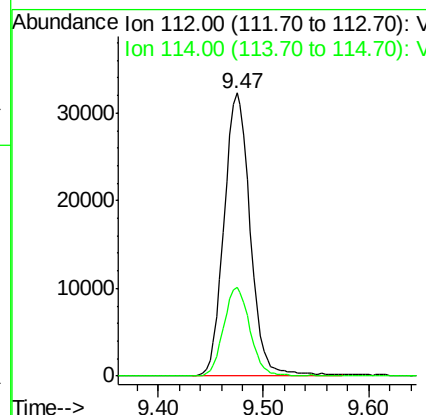
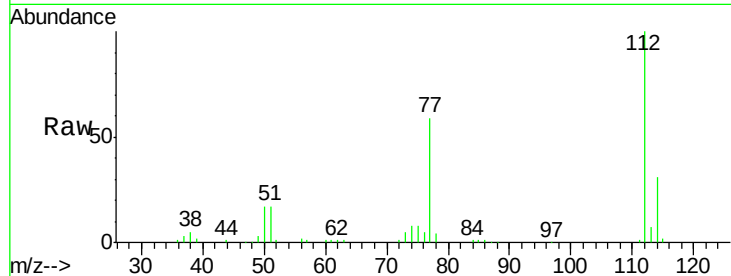
#59
Chlorobenzene
Concen: 2.028 ug/l
RT: 9.47 min Scan# 2530
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

Tot Ion:112 Resp: 55650
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8

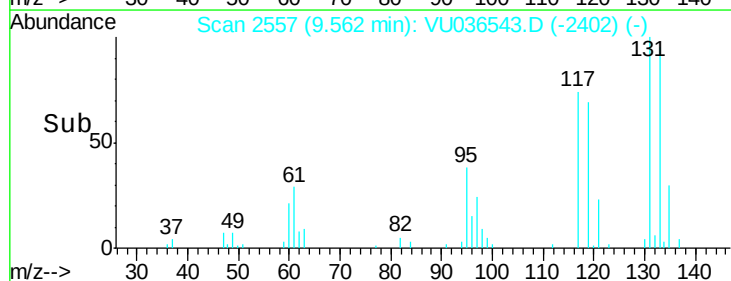
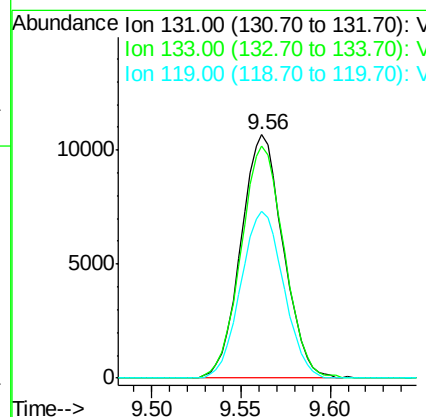
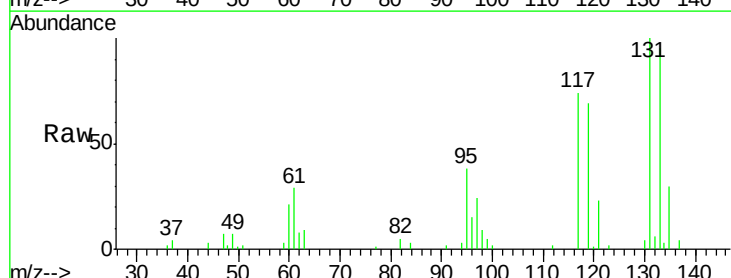
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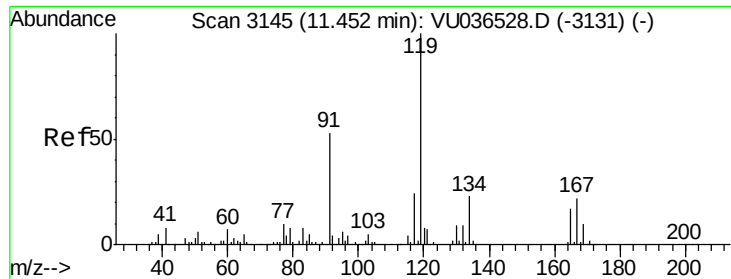
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#60
1,1,1,2-Tetrachloroethane
Concen: 2.015 ug/l
RT: 9.56 min Scan# 2557
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion:131 Resp: 17655
Ion Ratio Lower Upper
131 100
133 97.4 76.4 114.6
119 69.4 56.6 85.0





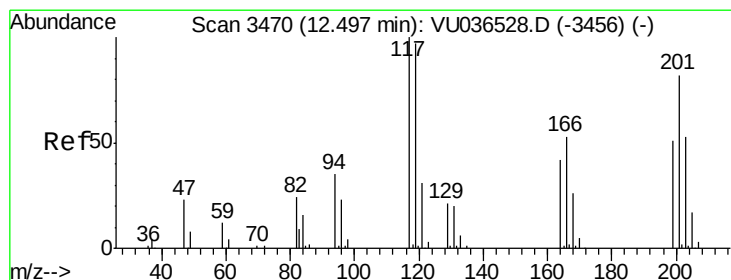
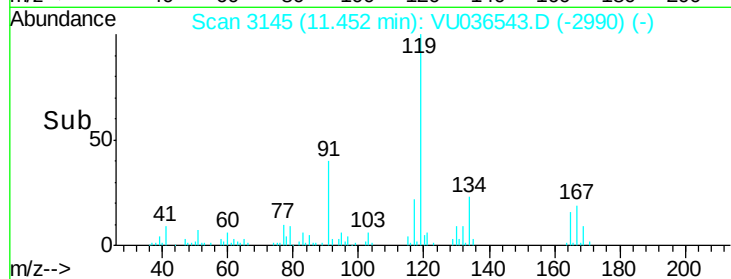
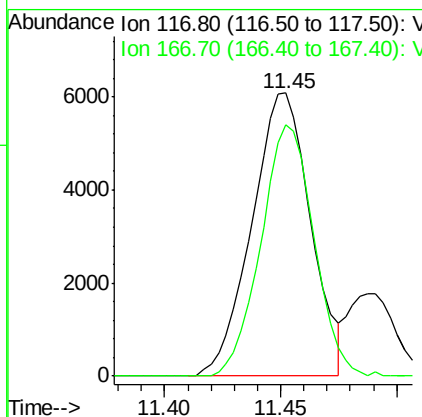
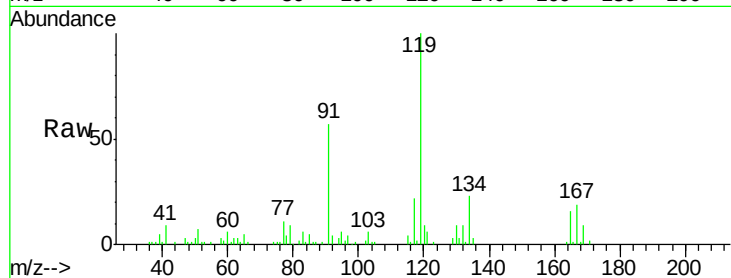
#61
 Pentachloroethane
 Concen: 1.897 ug/l
 RT: 11.45 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS01

Tot Ion:117 Resp: 10723
 Ion Ratio Lower Upper
 117 100
 167 80.1 66.7 100.1

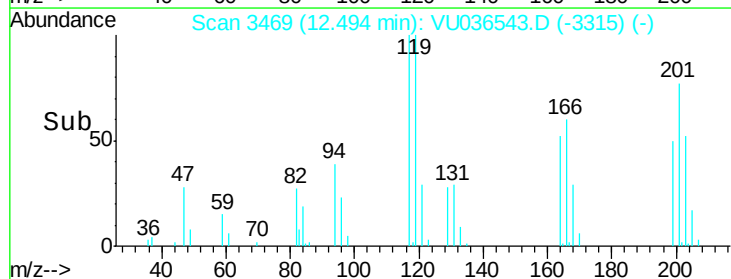
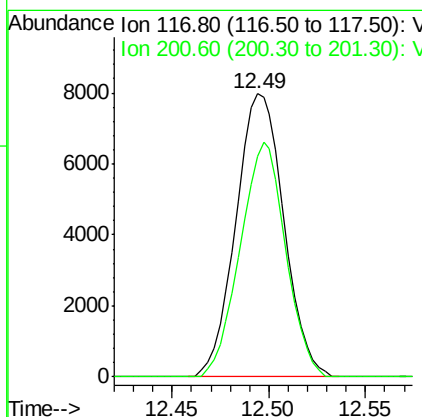
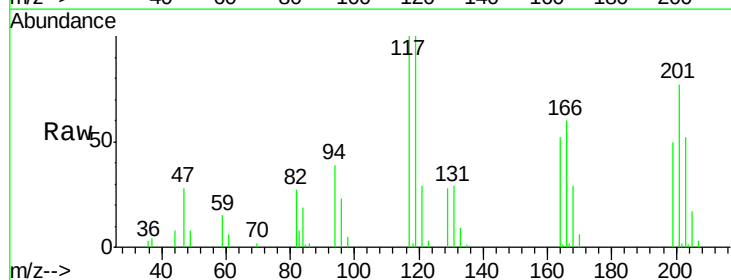
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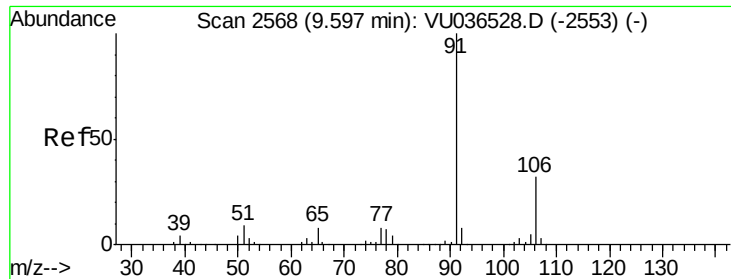
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#62
 Hexachloroethane
 Concen: 1.907 ug/l
 RT: 12.49 min Scan# 3469
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Tgt Ion:117 Resp: 13740
 Ion Ratio Lower Upper
 117 100
 201 78.3 65.0 97.4





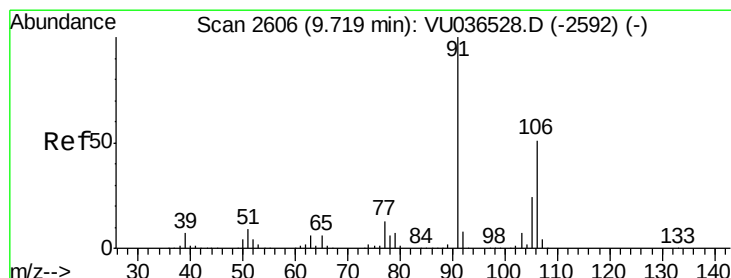
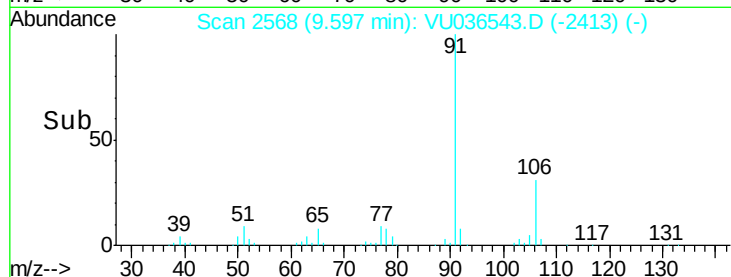
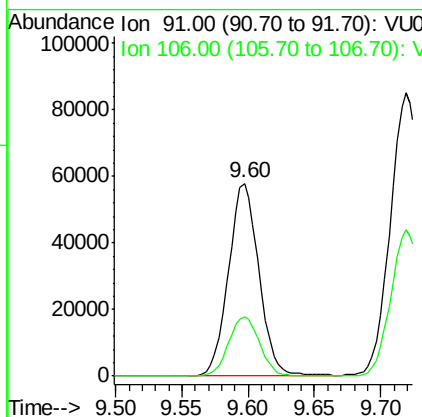
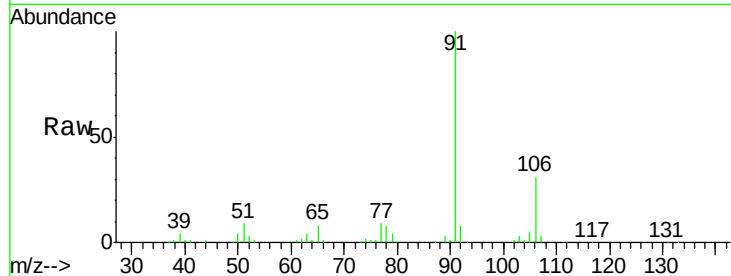
#63
Ethyl Benzene
Concen: 2.016 ug/l
RT: 9.60 min Scan# 2568
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

Tot Ion: 91 Resp: 92730
Ion Ratio Lower Upper
91 100
106 30.8 26.0 39.0

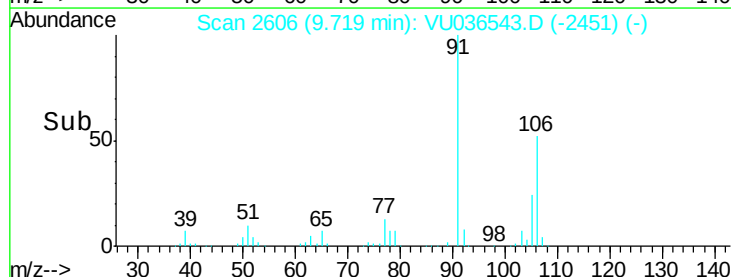
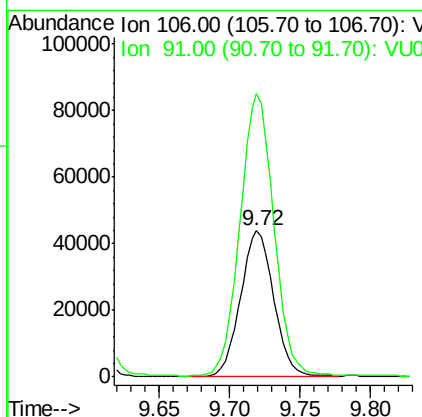
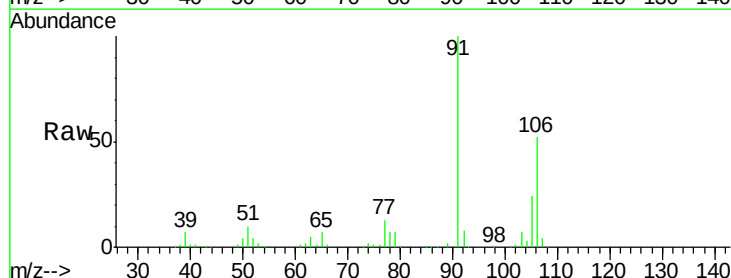
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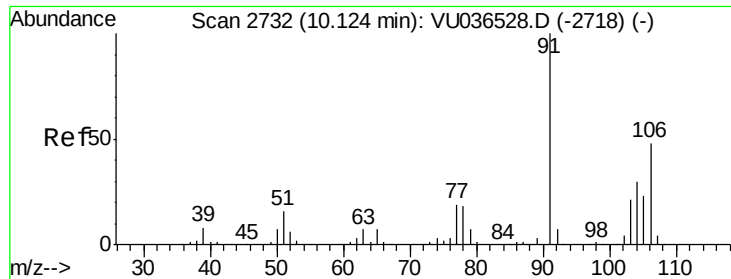
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#64
m/p-Xylenes
Concen: 4.010 ug/l
RT: 9.72 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion: 106 Resp: 72990
Ion Ratio Lower Upper
106 100
91 195.4 158.2 237.4





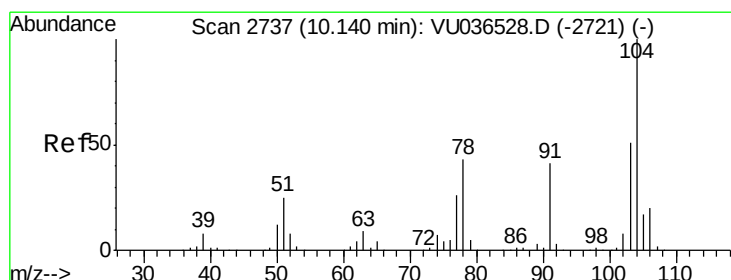
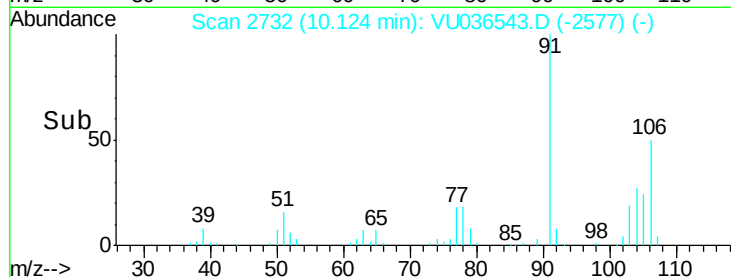
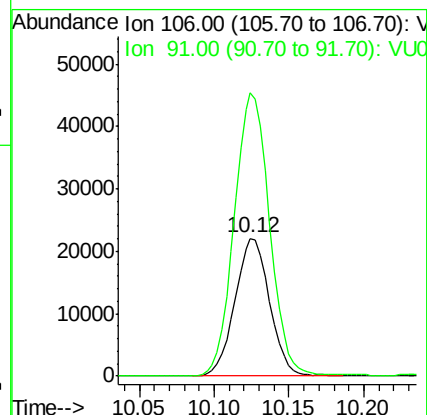
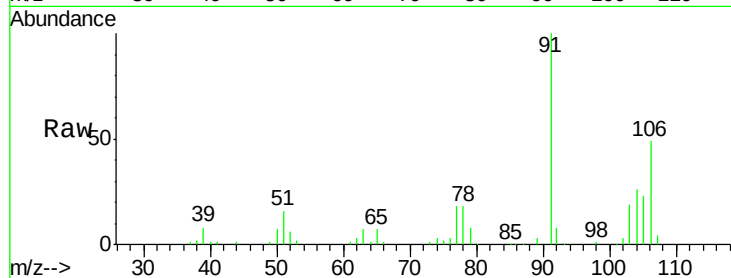
#65
o-Xylene
Concen: 2.020 ug/l
RT: 10.12 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

Tot Ion:106 Resp: 35601
Ion Ratio Lower Upper
106 100
91 209.6 104.3 312.9

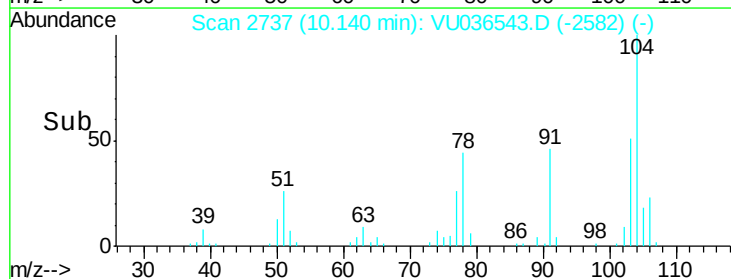
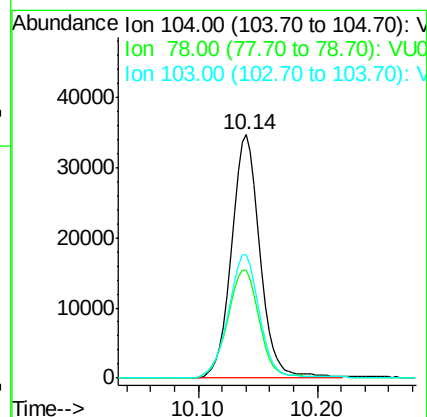
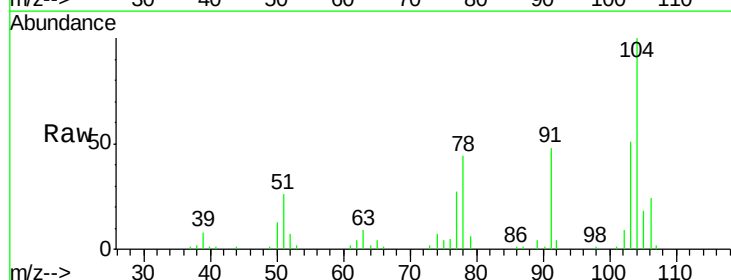
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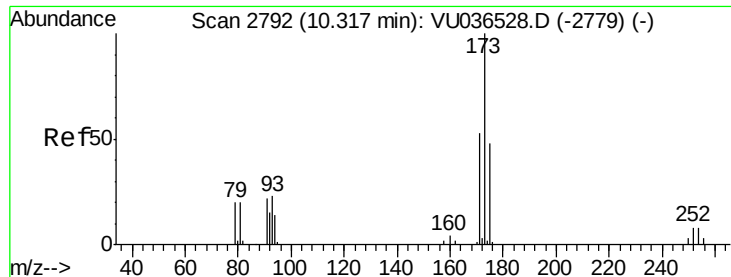
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#66
Styrene
Concen: 1.954 ug/l
RT: 10.14 min Scan# 2737
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion:104 Resp: 57668
Ion Ratio Lower Upper
104 100
78 49.7 38.6 57.8
103 55.6 44.4 66.6





#67

Bromoform

Concen: 1.900 ug/l

RT: 10.32 min Scan# 2792

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

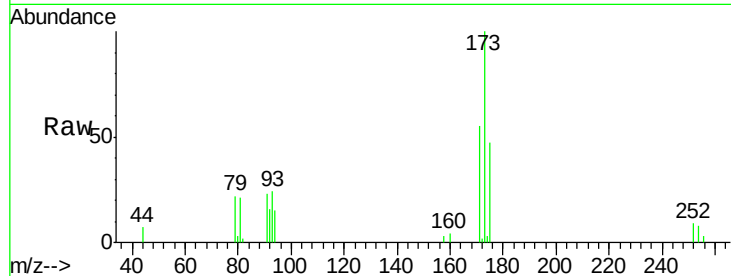
ClientSampleId :

VU0123WBS01

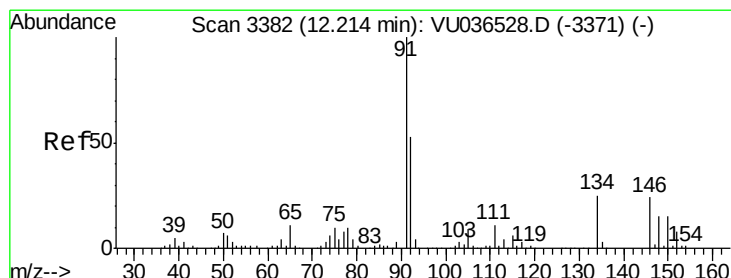
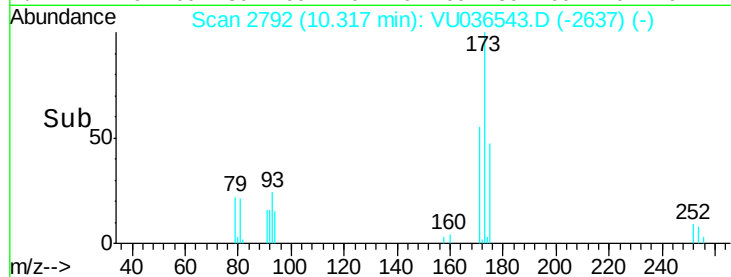
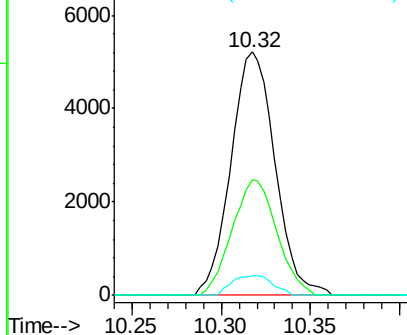
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.3	57.5
254	7.6	6.6	9.8

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Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.982 ug/l

RT: 12.21 min Scan# 3382

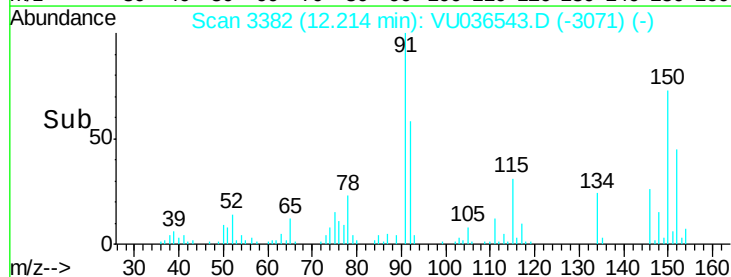
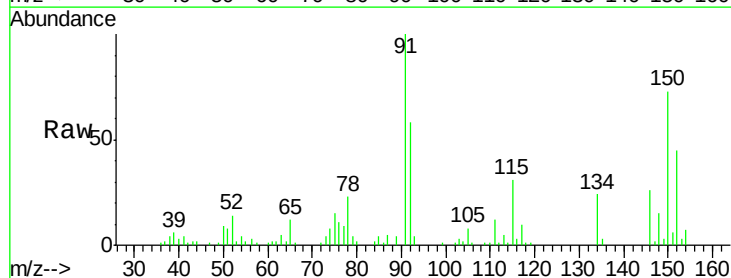
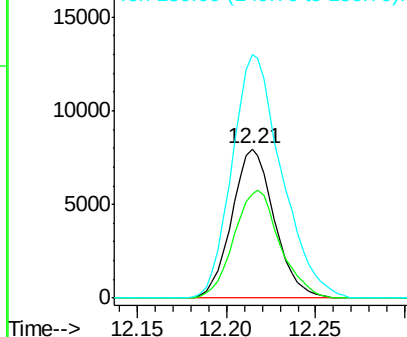
Delta R.T. -0.00 min

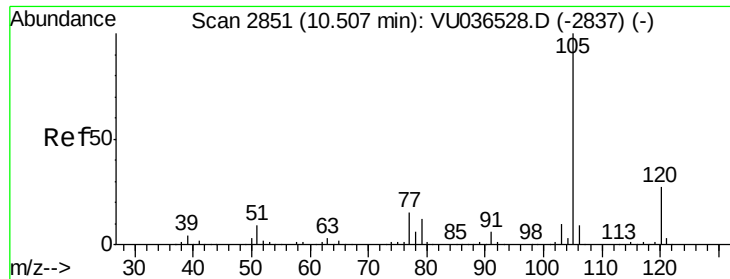
Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.3	0.0	241.8
150	190.8	0.0	652.4

Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 2.008 ug/l

RT: 10.51 min Scan# 2851

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS01

Tot Ion: 105 Resp: 92999

Ion Ratio Lower Upper

105 100

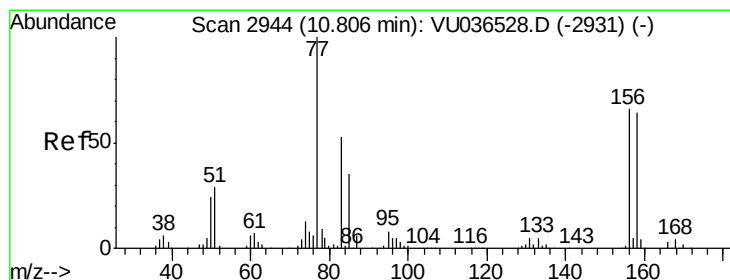
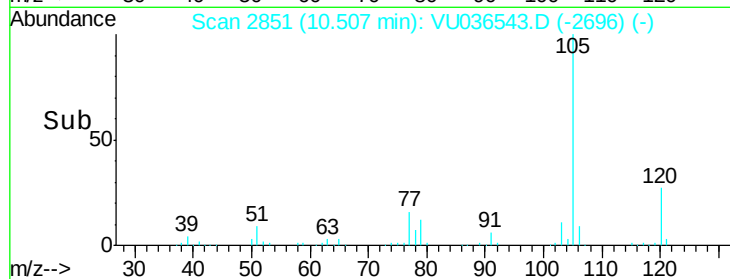
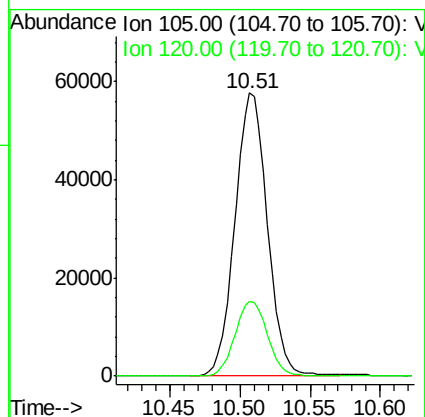
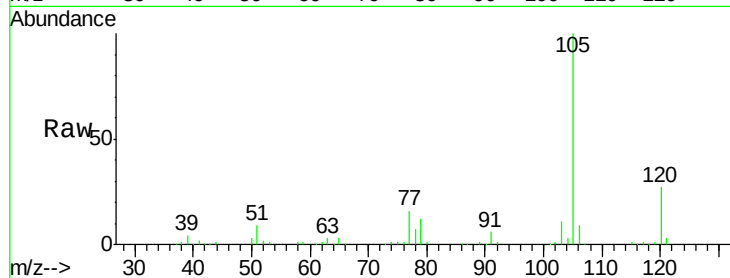
120 26.6 13.6 40.7

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#70

1,1,2,2-Tetrachloroethane

Concen: 2.069 ug/l

RT: 10.81 min Scan# 2945

Delta R.T. 0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

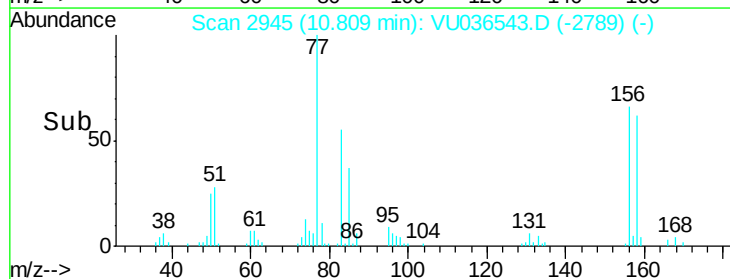
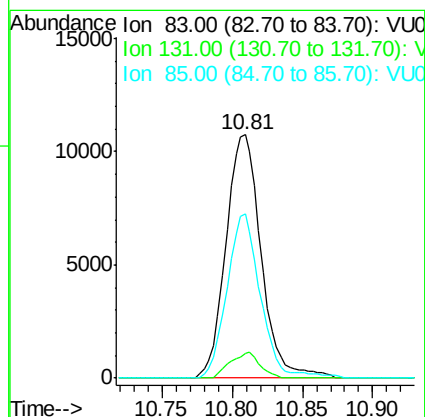
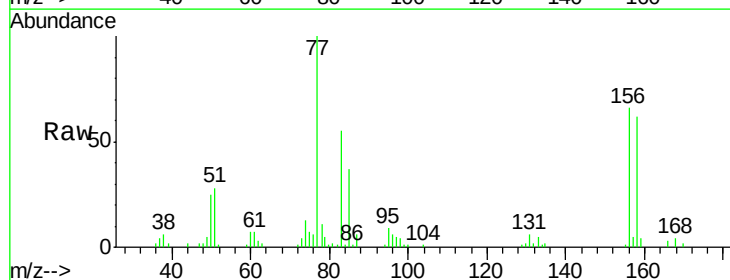
Tgt Ion: 83 Resp: 18759

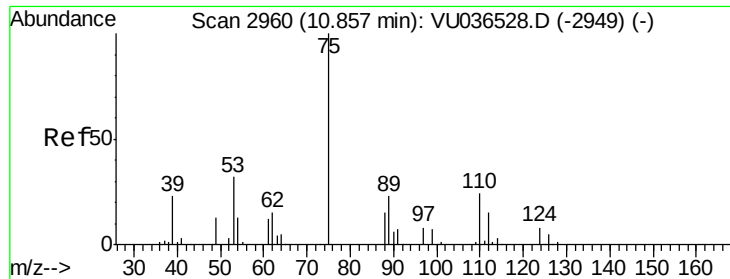
Ion Ratio Lower Upper

83 100

131 8.8 7.8 11.8

85 62.4 53.2 79.8





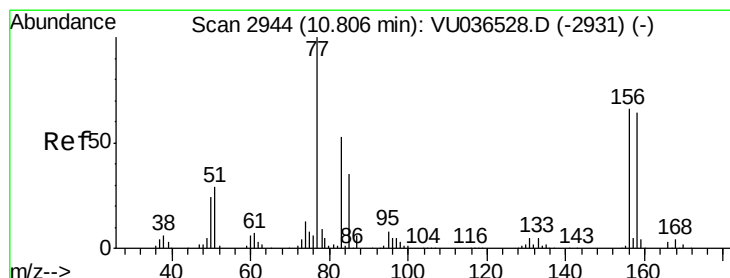
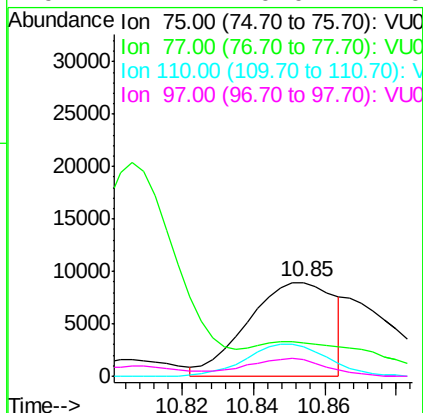
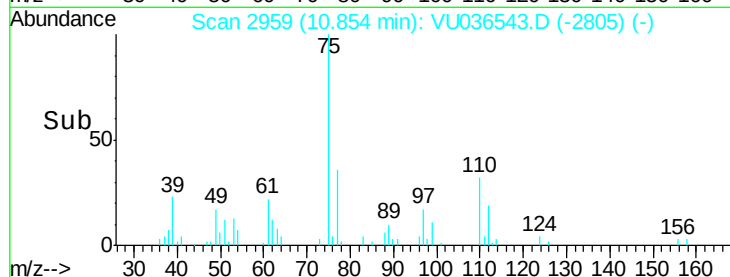
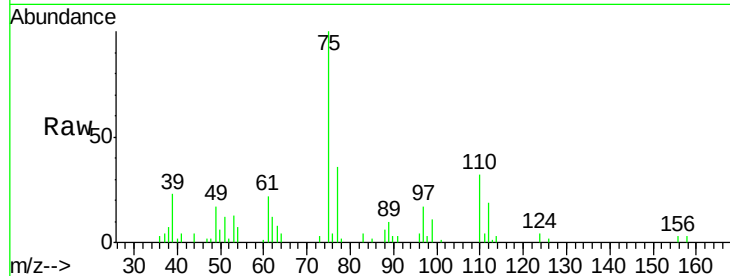
#71
1,2,3-Trichloropropane
Concen: 2.338 ug/l m
RT: 10.85 min Scan# 2959
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

Tot Ion:	75	Resp:	15120
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	129.6
110	33.0	0.0	77.4
97	17.7	0.0	42.0

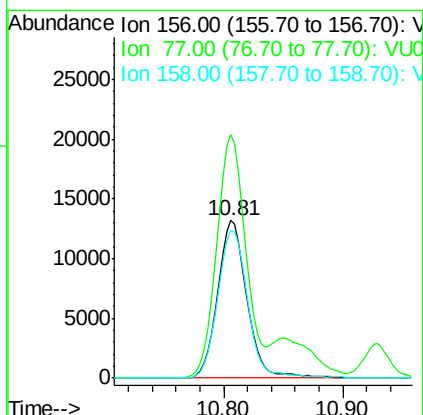
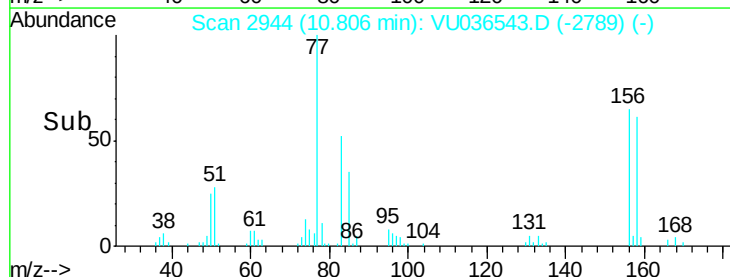
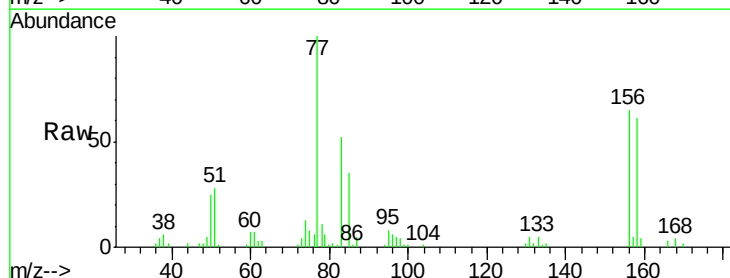
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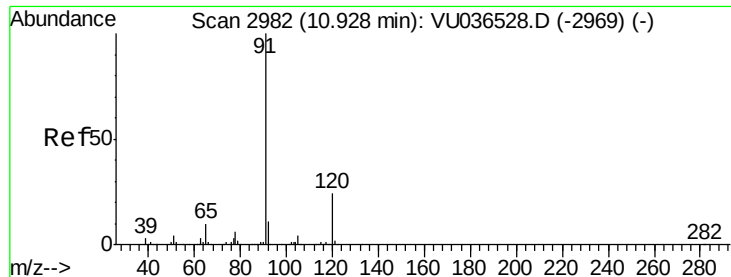
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#72
Bromobenzene
Concen: 2.000 ug/l
RT: 10.81 min Scan# 2944
Delta R.T. -0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion:	156	Resp:	22312
Ion Ratio	Lower	Upper	
156	100		
77	154.2	0.0	306.6
158	96.5	0.0	192.0





#73

n-propylbenzene

Concen: 2.016 ug/l

RT: 10.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS01

Tot Ion:120 Resp: 26196

Ion Ratio Lower Upper

120 100

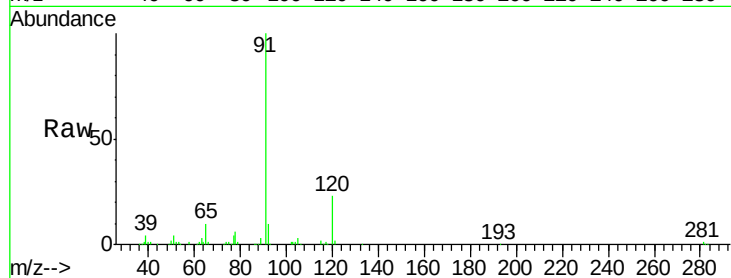
91 429.1 329.5 494.3

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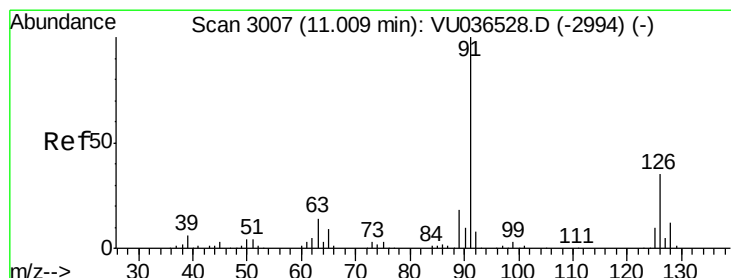
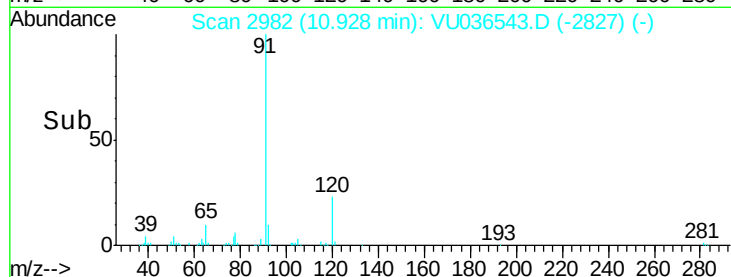
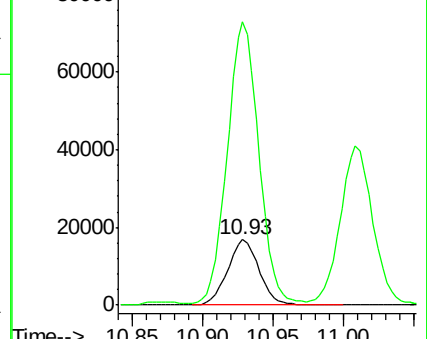
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 2.049 ug/l

RT: 11.01 min Scan# 3007

Delta R.T. -0.00 min

Lab File: VU036543.D

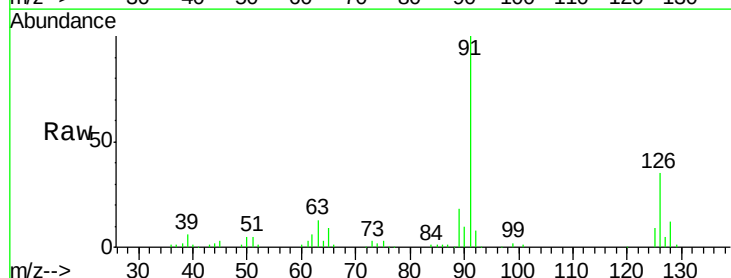
Acq: 23 Jan 2020 17:01

Tgt Ion:126 Resp: 22867

Ion Ratio Lower Upper

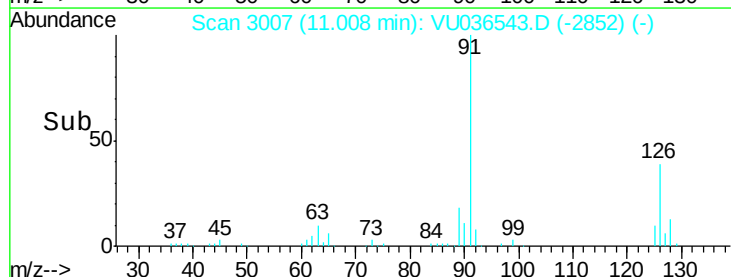
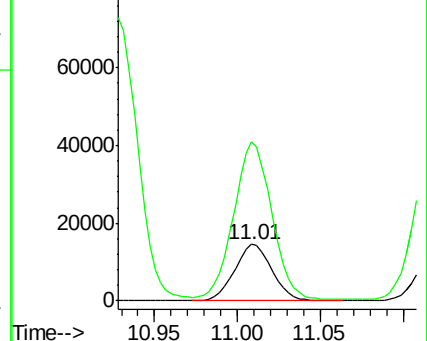
126 100

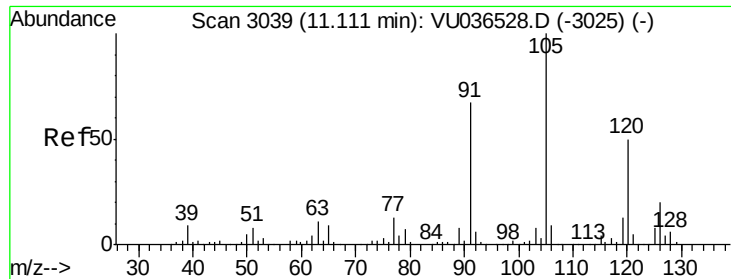
91 282.7 0.0 567.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 2.029 ug/l

RT: 11.11 min Scan# 3039

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS01

Tot Ion:105 Resp: 80559

Ion Ratio Lower Upper

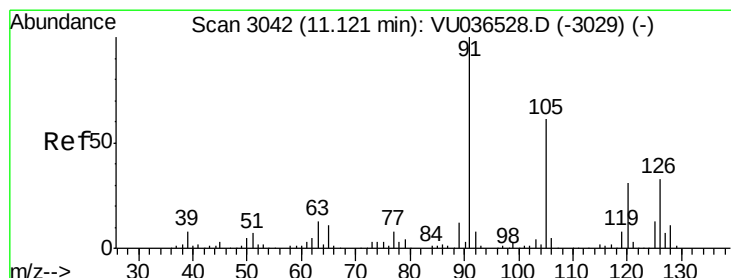
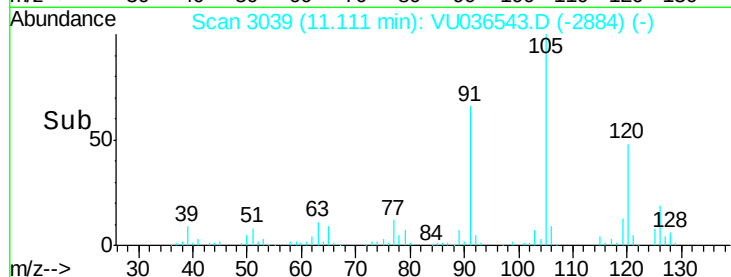
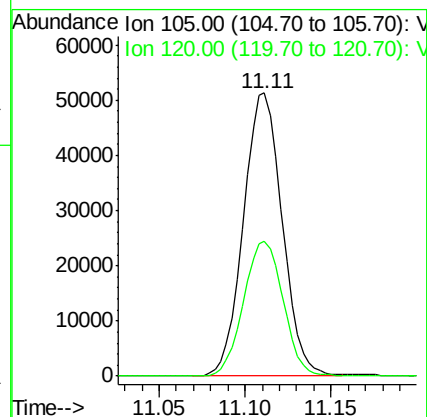
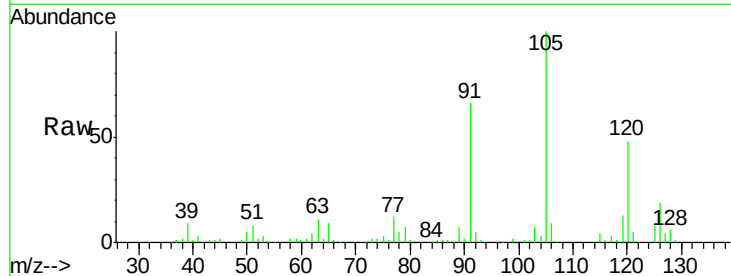
105 100

120 48.7 39.8 59.8

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#76

4-Chlorotoluene

Concen: 2.017 ug/l

RT: 11.12 min Scan# 3042

Delta R.T. -0.00 min

Lab File: VU036543.D

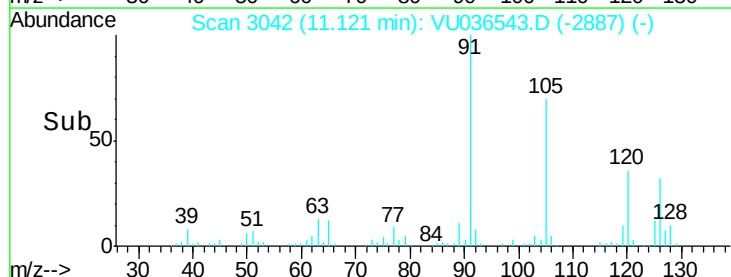
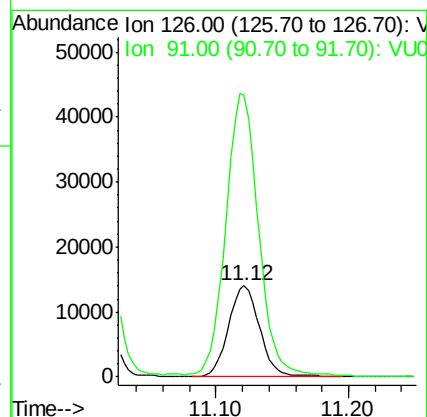
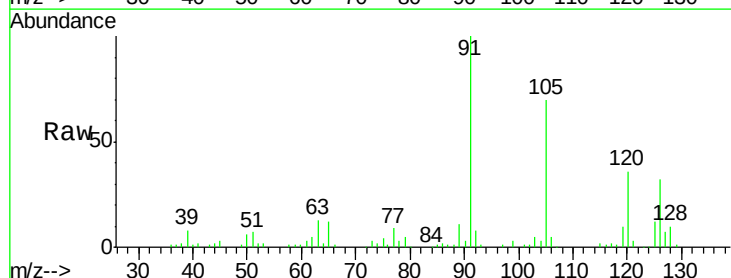
Acq: 23 Jan 2020 17:01

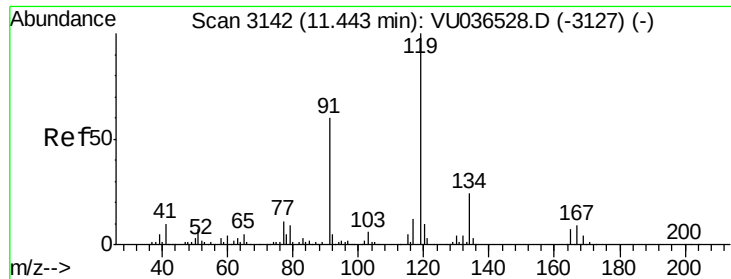
Tgt Ion:126 Resp: 23257

Ion Ratio Lower Upper

126 100

91 325.1 0.0 633.0





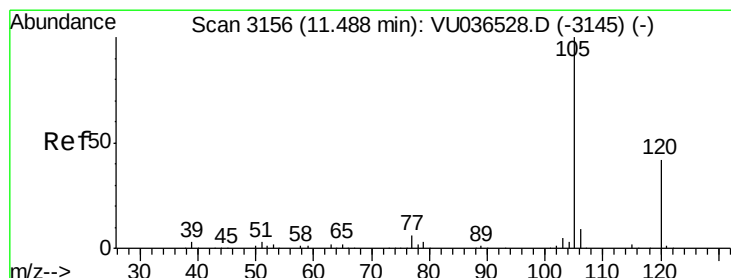
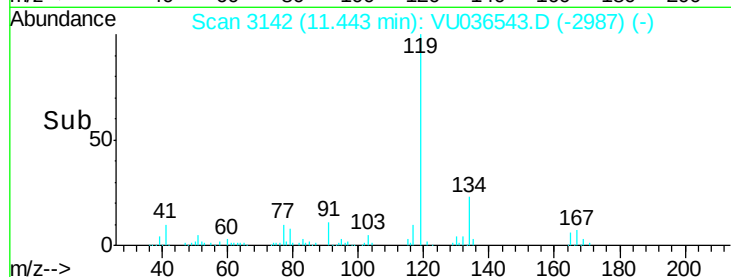
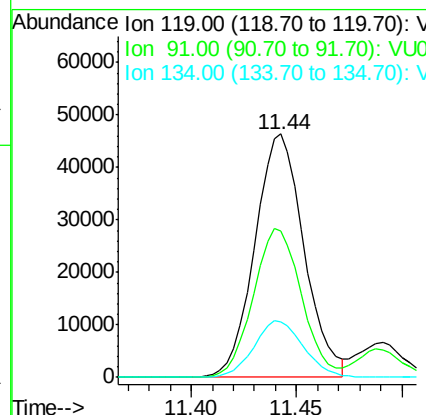
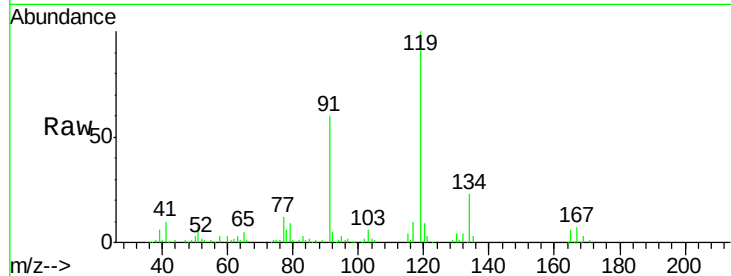
#77
 tert-Butylbenzene
 Concen: 1.995 ug/l
 RT: 11.44 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.3	29.3	87.8
134	23.4	19.0	28.4

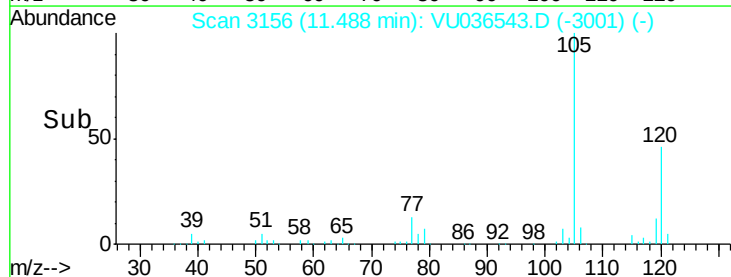
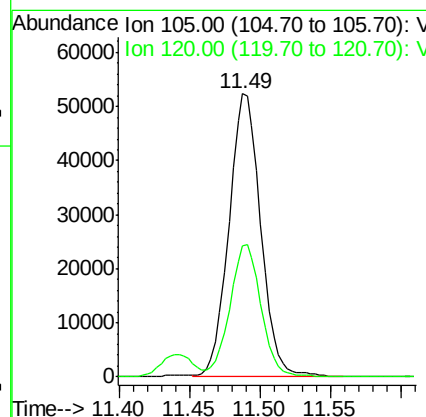
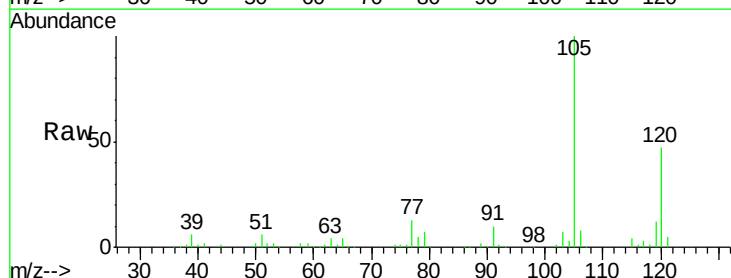
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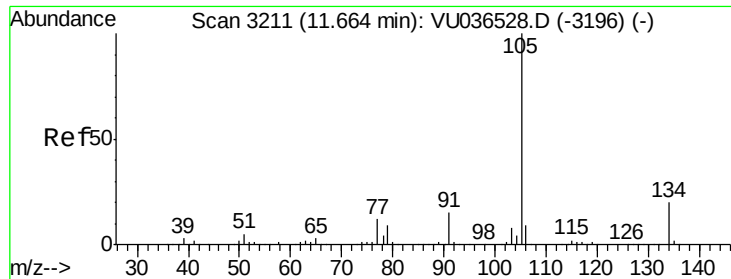
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#78
 1,2,4-Trimethylbenzene
 Concen: 2.011 ug/l
 RT: 11.49 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.3	69.8





#79

sec-Butylbenzene

Concen: 2.005 ug/l

RT: 11.66 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS01

Tot Ion:105 Resp: 104685

Ion Ratio Lower Upper

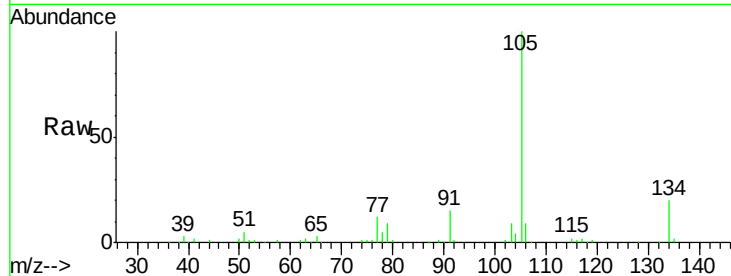
105 100

134 19.8 16.0 24.0

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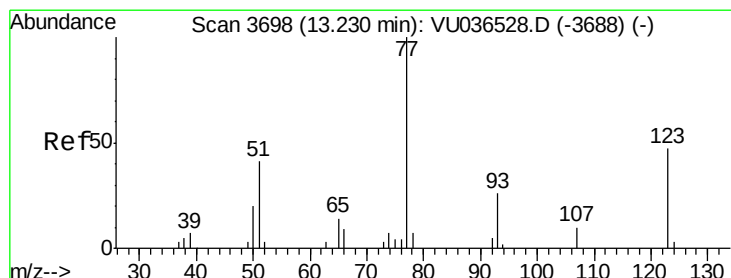
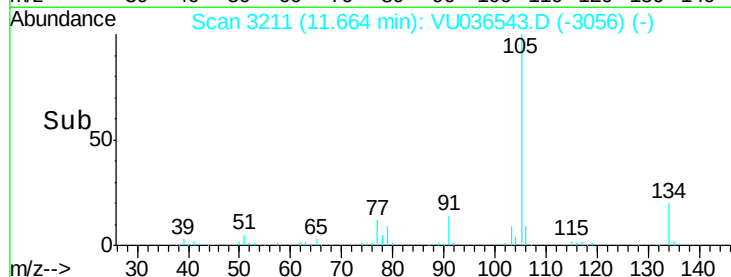
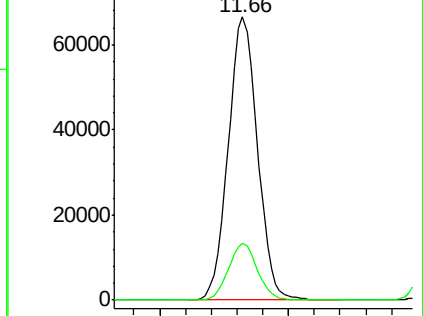
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 5.935 ug/l

RT: 13.23 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VU036543.D

Acq: 23 Jan 2020 17:01

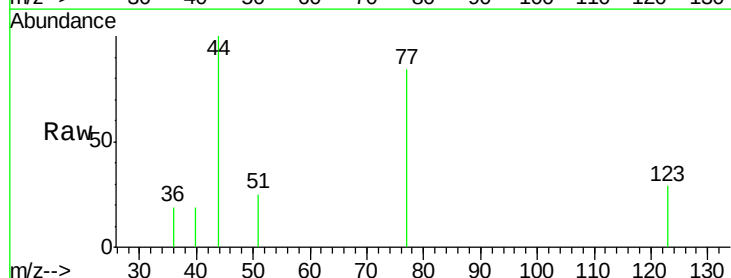
Tgt Ion: 77 Resp: 772

Ion Ratio Lower Upper

77 100

123 26.3 19.6 69.6

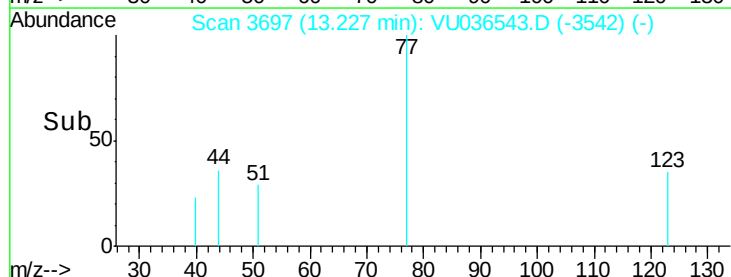
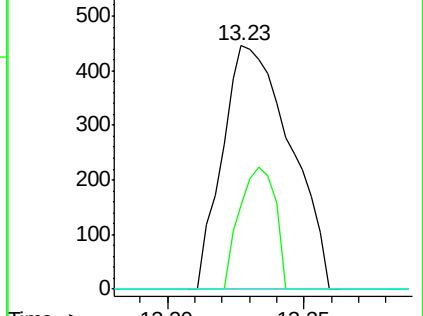
65 0.0 12.7 16.1#

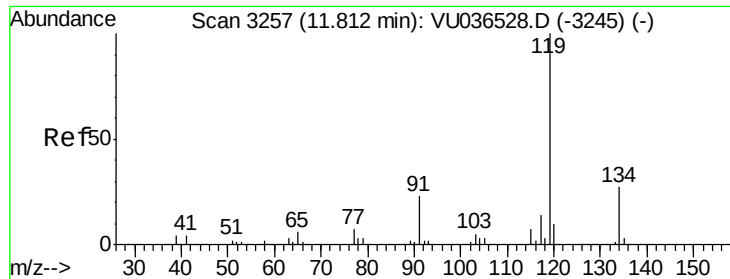


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





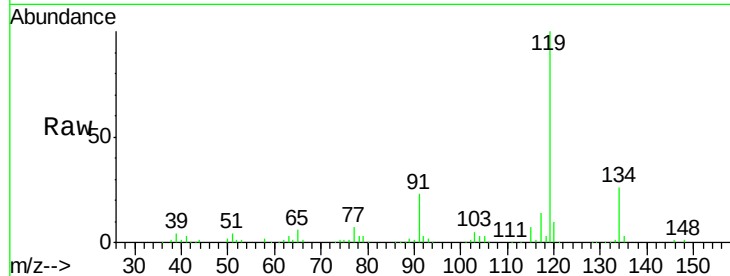
#81
 p-Isopropyltoluene
 Concen: 2.016 ug/l
 RT: 11.81 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS01

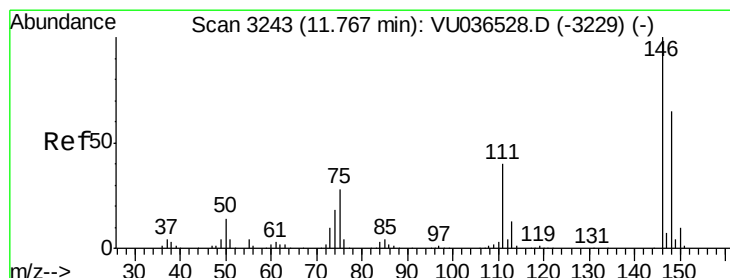
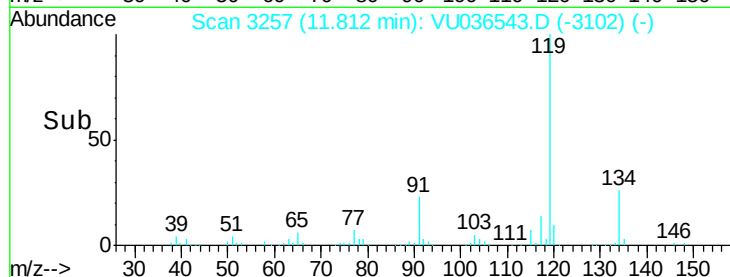
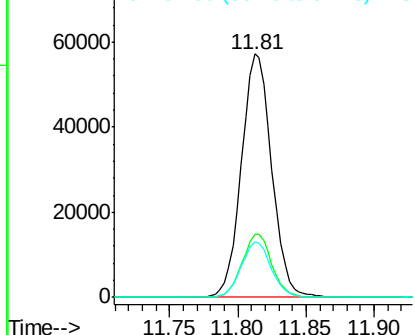
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	21.4	32.0
91	22.5	18.3	27.5

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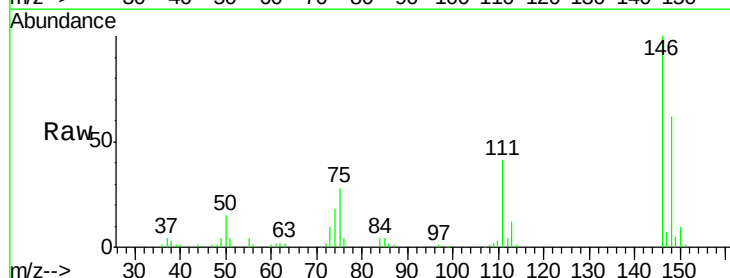


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

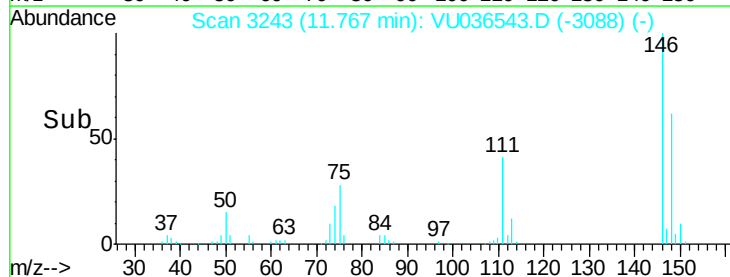
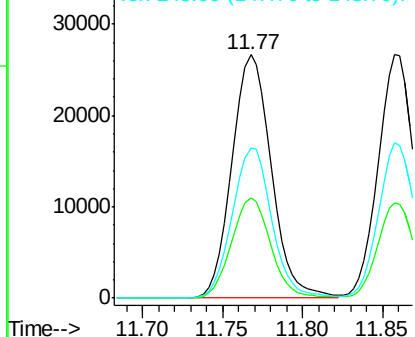


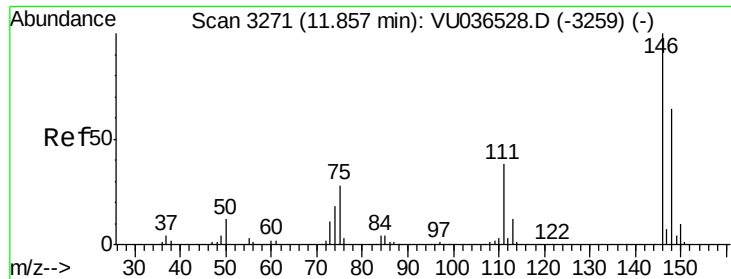
#82
 1,3-Dichlorobenzene
 Concen: 2.009 ug/l
 RT: 11.77 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	32.2	48.2
148	62.1	51.4	77.2



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





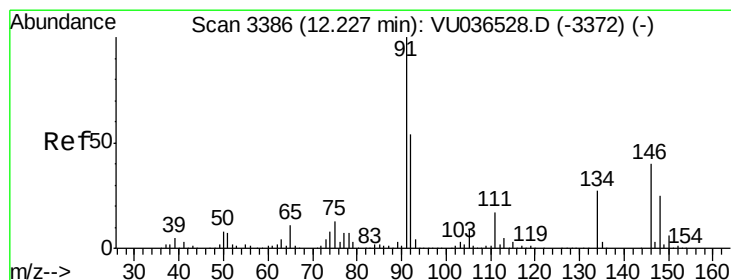
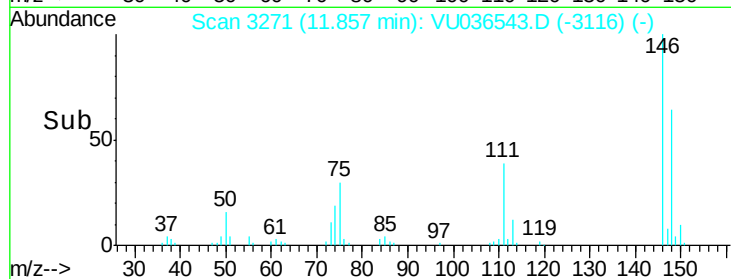
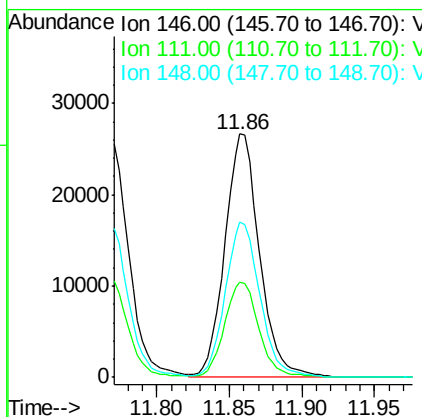
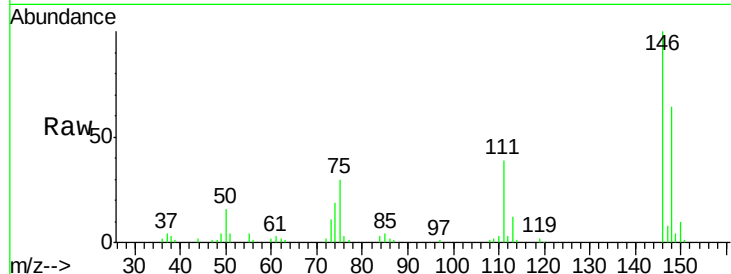
#83
 1,4-Dichlorobenzene
 Concen: 1.983 ug/l
 RT: 11.86 min Scan# 3271
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Instrument :
 MSVOA_U
 ClientSampled :
 VU0123WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	30.5	45.7
148	63.6	51.0	76.4

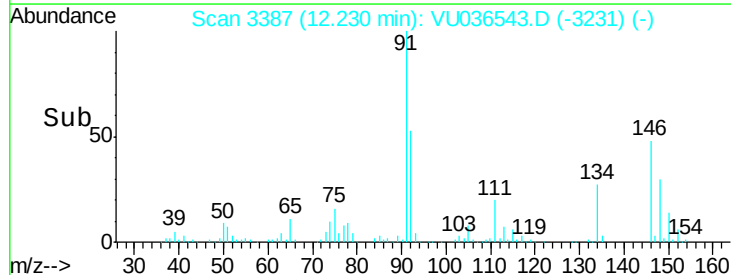
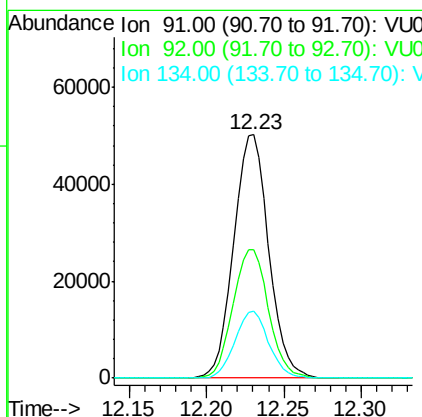
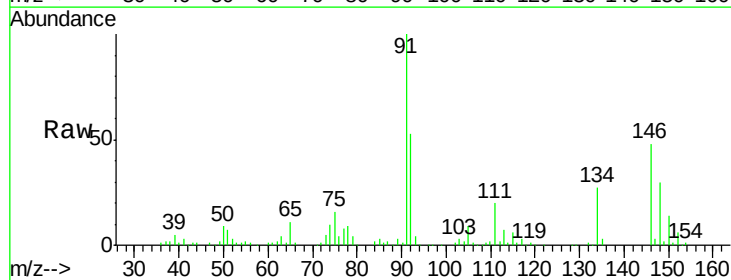
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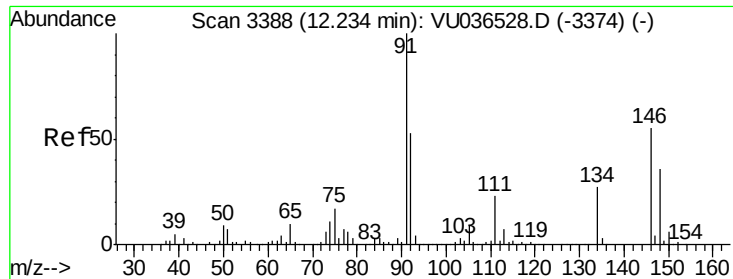
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#84
 n-Butylbenzene
 Concen: 1.950 ug/l
 RT: 12.23 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	42.9	64.3
134	26.4	21.4	32.0





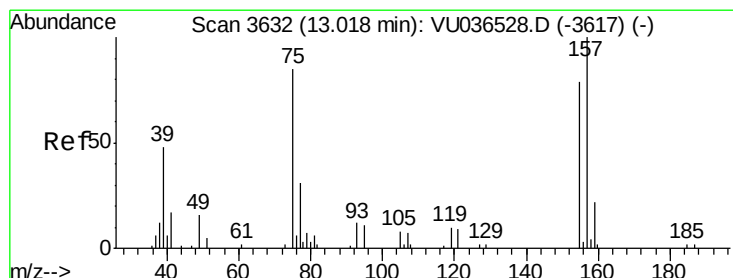
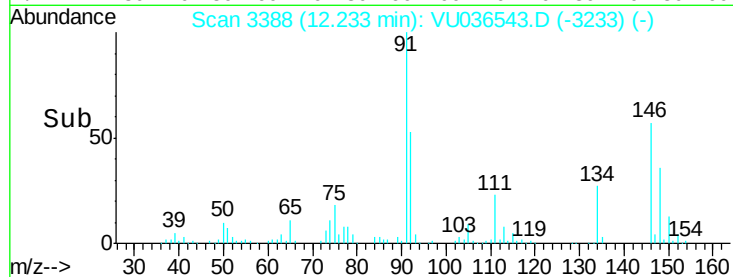
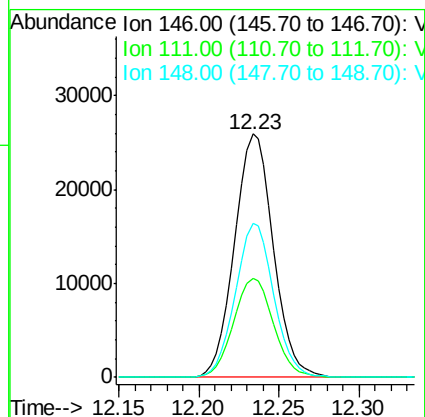
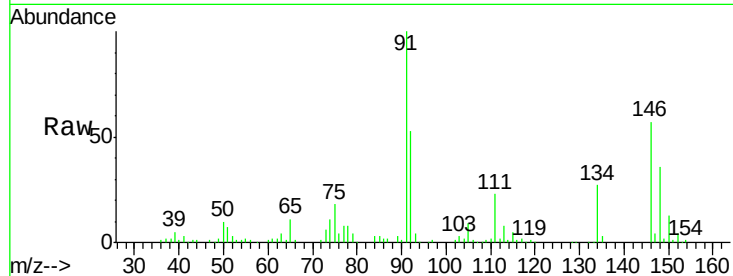
#85
 1,2-Dichlorobenzene
 Concen: 1.999 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.4
148	62.4	32.0	96.2

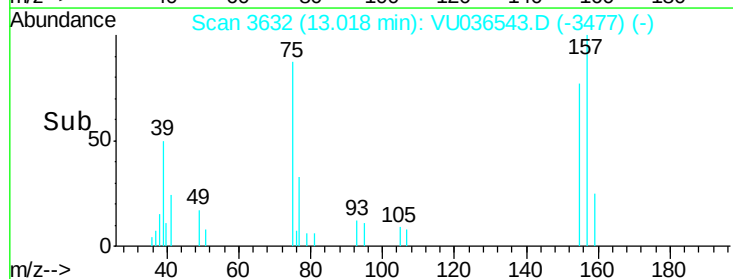
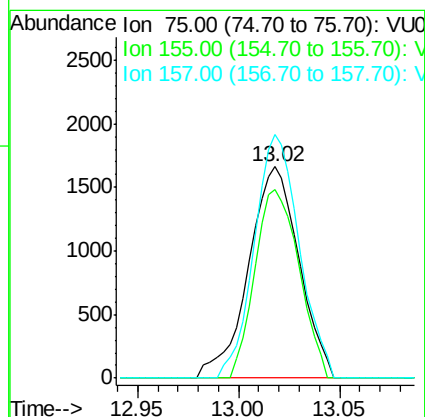
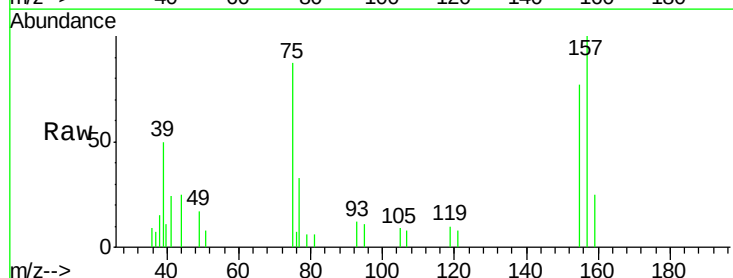
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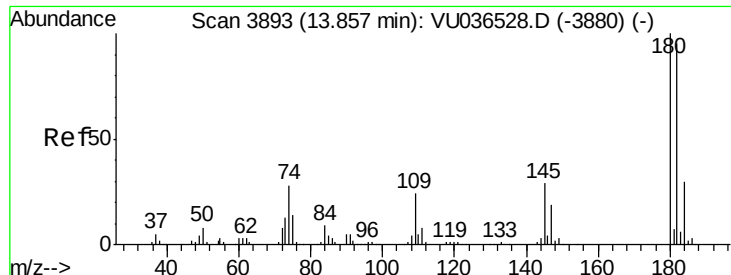
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.891 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	71.8	107.8
157	102.9	92.4	138.6





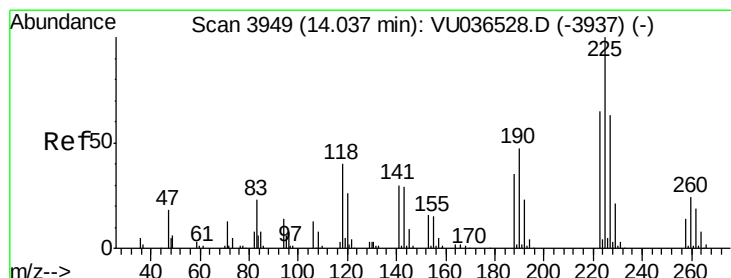
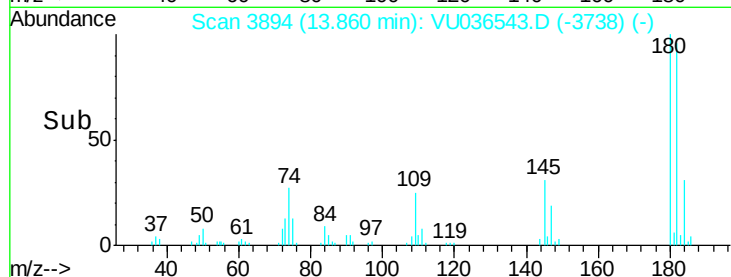
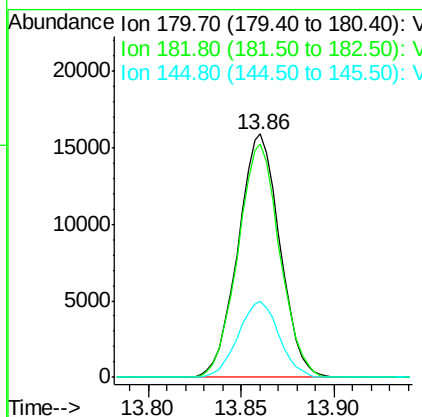
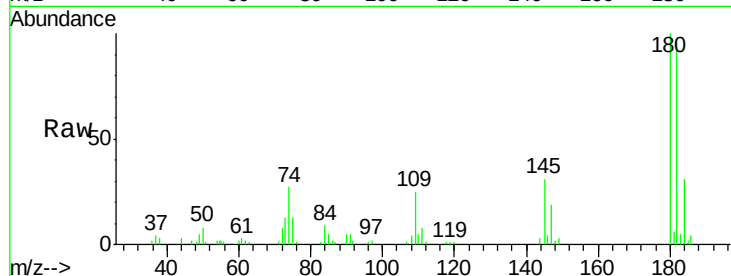
#87
 1,2,4-Trichlorobenzene
 Concen: 1.817 ug/l
 RT: 13.86 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.9	113.9
145	30.5	23.4	35.2

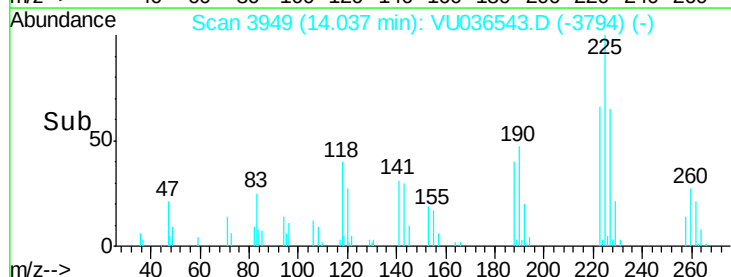
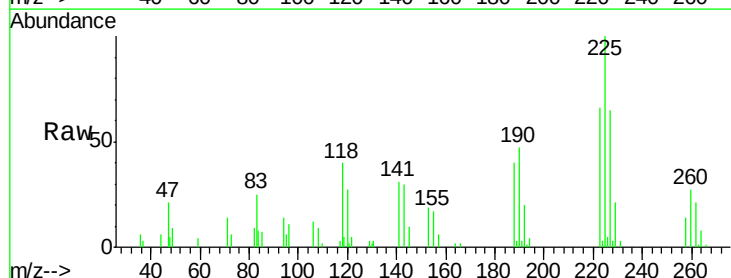
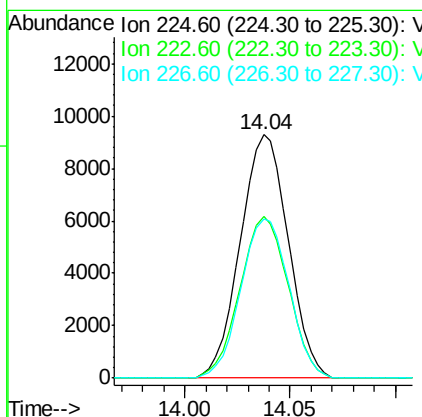
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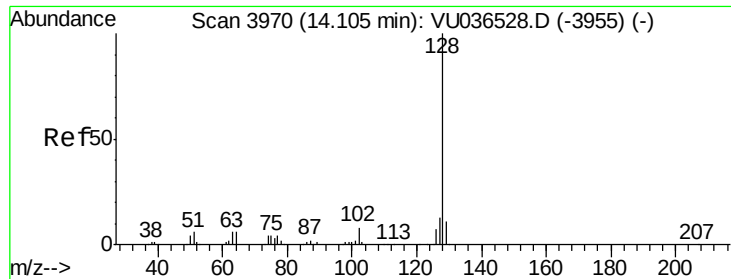
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#88
 Hexachlorobutadiene
 Concen: 1.964 ug/l
 RT: 14.04 min Scan# 3949
 Delta R.T. -0.00 min
 Lab File: VU036543.D
 Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	51.7	77.5
227	65.5	50.6	75.8





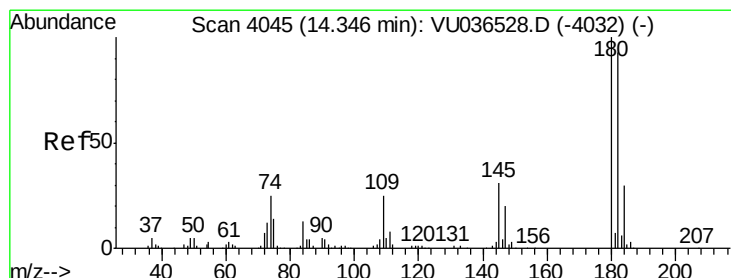
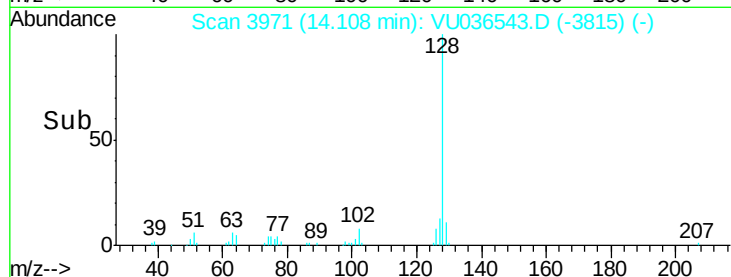
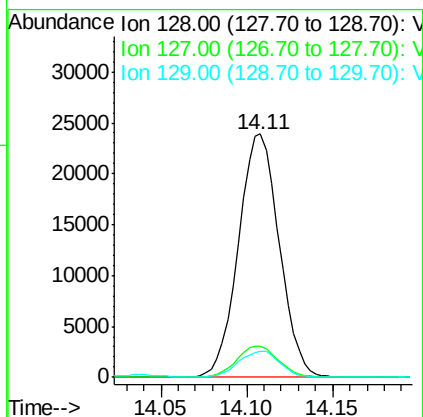
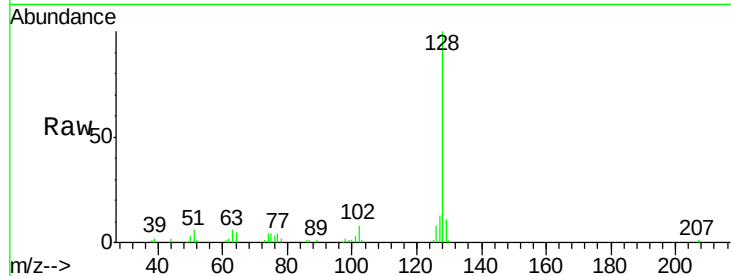
#89
Naphthalene
Concen: 1.674 ug/l
RT: 14.11 min Scan# 3971
Delta R.T. 0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1

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#90
1,2,3-Trichlorobenzene
Concen: 1.867 ug/l
RT: 14.35 min Scan# 4046
Delta R.T. 0.00 min
Lab File: VU036543.D
Acq: 23 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.2	114.4
145	31.8	25.2	37.8

