

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012320\
 Data File : VU036545.D
 Acq On : 23 Jan 2020 17:56
 Operator : JC/MD
 Sample : VU0123WBS02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS02

Manual Integrations
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1/27/2020 1:46:52 PM

Quant Time: Jan 24 03:09:17 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	35486	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	13329	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	13364	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
Target Compounds						Ovalue
2) Dichlorodifluoromethane	1.39	85	23629	2.014	ug/l	97
3) Chloromethane	1.54	50	26588	2.114	ug/l	98
4) Vinyl Chloride	1.62	62	28470	1.999	ug/l	100
5) Bromomethane	1.87	94	16494	1.864	ug/l	100
6) Chloroethane	1.95	64	16463	1.951	ug/l	99
7) Trichlorofluoromethane	2.16	101	28247	2.007	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	17642	2.012	ug/l	99
9) 1,1-Dichloroethene	2.61	96	18658	1.999	ug/l	97
10) Iodomethane	2.75	142	17062	1.889	ug/l	99
11) Allyl Chloride	2.95	41	25495	1.976	ug/l	99
12) Acrylonitrile	3.37	53	9270	4.050	ug/l #	88
13) Acetone	2.68	43	16455	9.495	ug/l	97
14) Carbon Disulfide	2.82	76	62295	1.928	ug/l	99
15) Methylene Chloride	3.08	84	27626	2.248	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	20328	1.975	ug/l	99
17) 1,1-Dichloroethane	3.92	63	33141	1.976	ug/l	100
18) 2-Butanone	4.78	43	25151	10.235	ug/l	97
19) Cyclohexane	5.42	56	30073m	1.961	ug/l	
20) Methylcyclohexane	6.80	83	34276	2.002	ug/l	99
21) 2,2-Dichloropropane	4.71	77	28443	1.986	ug/l	99
22) cis-1,2-Dichloroethene	4.71	96	21742	2.036	ug/l	98
23) Diethyl Ether	2.41	59	14257	1.978	ug/l	95
24) tert-Butyl Alcohol	3.29	59	11926	18.512	ug/l	96
25) Methyl tert-Butyl Ether	3.42	73	49666	2.031	ug/l	97
26) Bromochloromethane	5.02	128	9111	1.970	ug/l	98
27) Chloroform	5.13	83	33621	2.026	ug/l	99
28) 1,1,1-Trichloroethane	5.36	97	28252	2.031	ug/l	98
29) 1,1-Dichloropropene	5.56	75	27025	1.990	ug/l	99
30) Carbon Tetrachloride	5.56	117	23636	1.984	ug/l	100
31) Isopropyl Ether	4.06	45	50703	1.991	ug/l	98
32) Ethyl-t-butyl ether	4.56	59	53584	2.011	ug/l	99
33) Tert-Amyl methyl ether	5.99	73	49064	2.011	ug/l	98
34) Propionitrile	4.85	54	7153	10.099	ug/l #	93
35) Benzene	5.81	78	78966	2.008	ug/l	100
36) 1,2-Dichloroethane	5.84	62	21127	1.996	ug/l	99
37) Trichloroethene	6.58	130	21705	1.999	ug/l	93
38) 1,2-Dichloropropane	6.83	63	20027	2.026	ug/l	98
39) Methacrylonitrile	5.03	41	6149	2.066	ug/l	97
40) Methyl acrylate	4.91	55	10083	2.137	ug/l	99
41) Tetrahydrofuran	5.13	42	6462	3.984	ug/l	94
42) 1-Chlorobutane	5.50	56	35140	1.997	ug/l	98

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Manual Integrations
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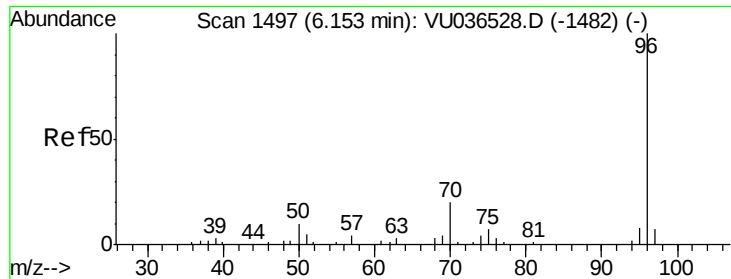
apatel

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Quant Time: Jan 24 03:09:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	10494	2.034	ug/l	96
44) Bromodichloromethane	7.14	83	24329	1.993	ug/l	98
45) 4-Methyl-2-Pentanone	7.84	43	58759	10.107	ug/l	99
46) t-1,4-Dichloro-2-butene	10.86	75	8111m	3.168	ug/l	
47) Methyl methacrylate	7.01	69	20044	3.964	ug/l	99
48) Ethyl methacrylate	8.37	69	19503	1.997	ug/l	97
49) Toluene	8.00	92	50166	1.999	ug/l	97
50) t-1,3-Dichloropropene	8.24	75	23683	1.947	ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	28991	1.967	ug/l	97
52) 1,1,2-Trichloroethane	8.43	97	15128	2.066	ug/l	98
53) 1,3-Dichloropropane	8.61	76	25466	2.029	ug/l	99
54) 2-Hexanone	8.73	43	41294	10.128	ug/l	99
55) Dibromochloromethane	8.84	129	16296	1.933	ug/l	99
56) 1,2-Dibromoethane	8.96	107	13929	1.976	ug/l	100
58) Tetrachloroethene	8.58	164	26154	2.410	ug/l	99
59) Chlorobenzene	9.47	112	55382	1.981	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	17513	1.961	ug/l	98
61) Pentachloroethane	11.45	117	7965	1.383	ug/l	84
62) Hexachloroethane	12.50	117	13958	1.901	ug/l	97
63) Ethyl Benzene	9.60	91	91884	1.961	ug/l	99
64) m/p-Xylenes	9.72	106	72830	3.927	ug/l	100
65) o-Xylene	10.12	106	35877	1.998	ug/l	100
66) Styrene	10.14	104	58959	1.960	ug/l	99
67) Bromoform	10.32	173	9325	1.932	ug/l	100
69) Isopropylbenzene	10.51	105	95215	2.018	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	18732	2.028	ug/l	97
71) 1,2,3-Trichloropropane	10.85	75	13803m	2.094	ug/l	
72) Bromobenzene	10.81	156	23052	2.028	ug/l	99
73) n-propylbenzene	10.93	120	26648	2.013	ug/l	98
74) 2-Chlorotoluene	11.01	126	22447	1.974	ug/l	94
75) 1,3,5-Trimethylbenzene	11.11	105	80976	2.001	ug/l	99
76) 4-Chlorotoluene	11.12	126	23406	1.992	ug/l	94
77) tert-Butylbenzene	11.44	119	73925	1.928	ug/l	96
78) 1,2,4-Trimethylbenzene	11.49	105	83703	2.006	ug/l	98
79) sec-Butylbenzene	11.66	105	108202	2.034	ug/l	100
80) Nitrobenzene	13.23	77	905	6.828	ug/l #	89
81) p-Isopropyltoluene	11.82	119	88941	2.000	ug/l	99
82) 1,3-Dichlorobenzene	11.77	146	45240	1.989	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	44452	1.956	ug/l	98
84) n-Butylbenzene	12.23	91	80942	1.968	ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	43968	2.020	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	3118	1.994	ug/l	91
87) 1,2,4-Trichlorobenzene	13.86	180	26143	1.878	ug/l	98
88) Hexachlorobutadiene	14.04	225	15250	1.999	ug/l	96
89) Naphthalene	14.11	128	42951	1.791	ug/l	99
90) 1,2,3-Trichlorobenzene	14.35	180	24828	1.896	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS02

Tot Ion: 96 Resp: 35486

Ion Ratio Lower Upper

96 100

70 19.8 15.6 23.4

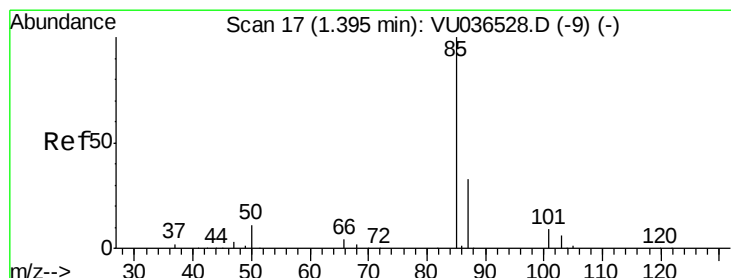
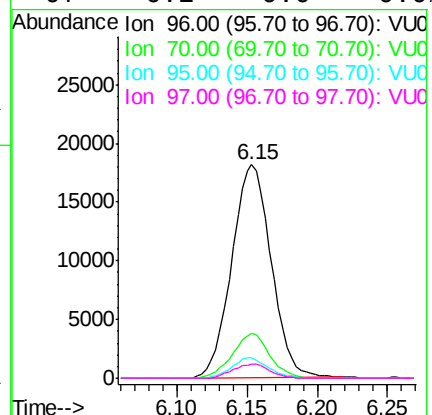
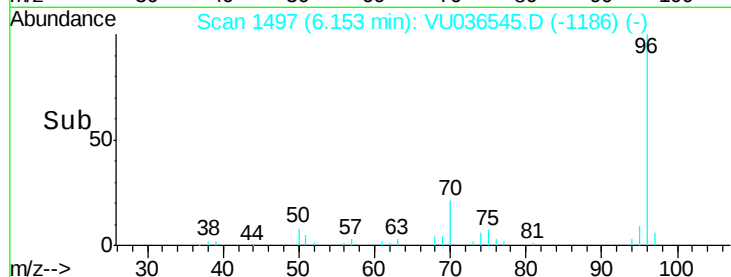
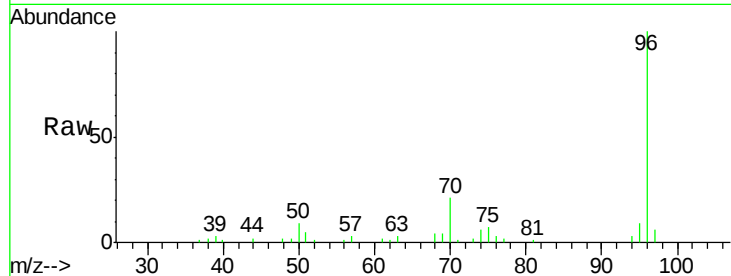
95 8.9 7.0 10.6

97 6.2 0.0 0.0#

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#2

Dichlorodifluoromethane

Concen: 2.014 ug/l

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU036545.D

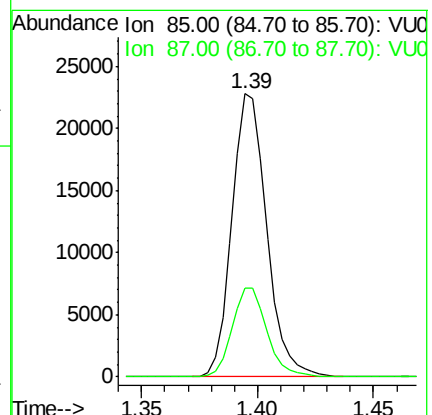
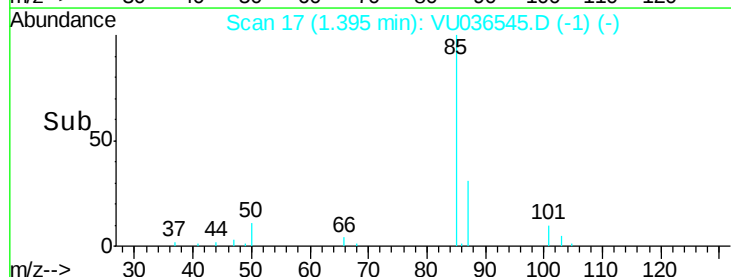
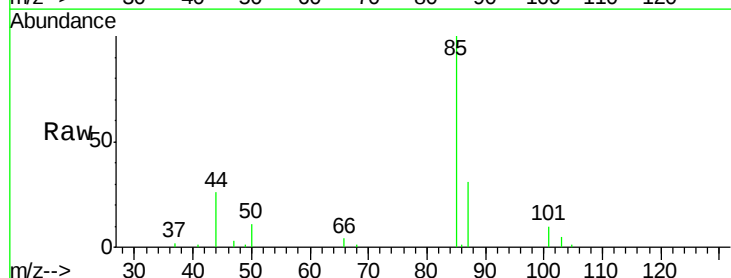
Acq: 23 Jan 2020 17:56

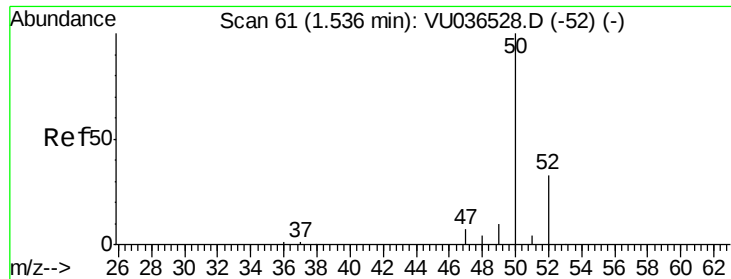
Tgt Ion: 85 Resp: 23629

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.2





#3
 Chloromethane
 Concen: 2.114 ug/l
 RT: 1.54 min Scan# 61
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

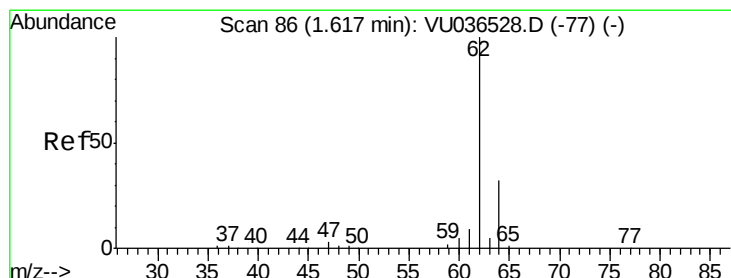
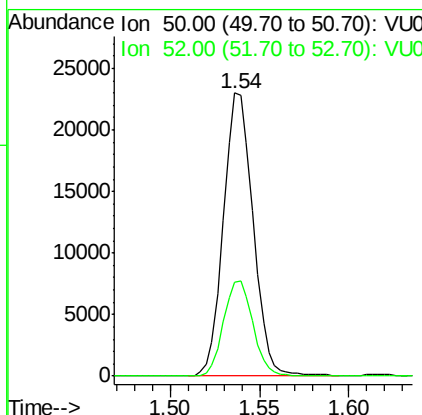
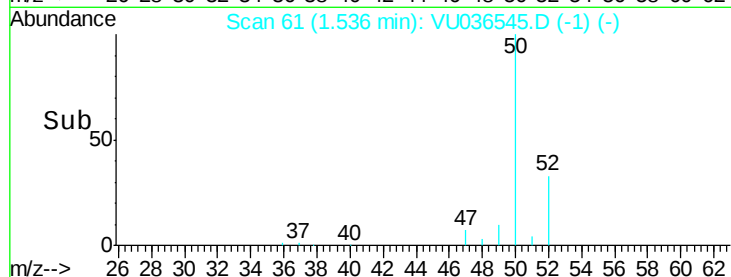
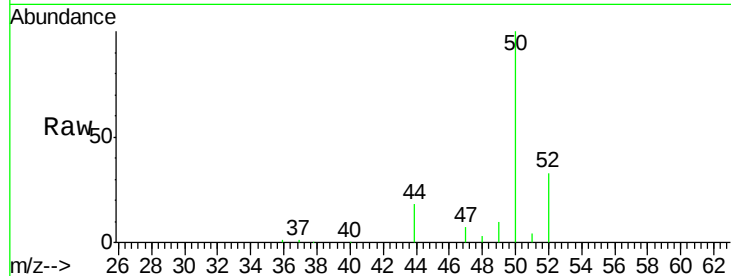
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS02

Tot Ion	Ion	Ratio	Lower	Upper
50	50	100		
52	52	33.3	26.0	39.0

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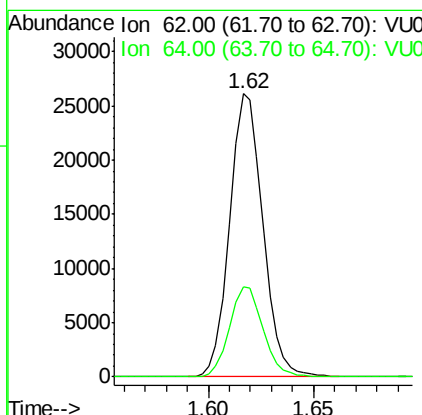
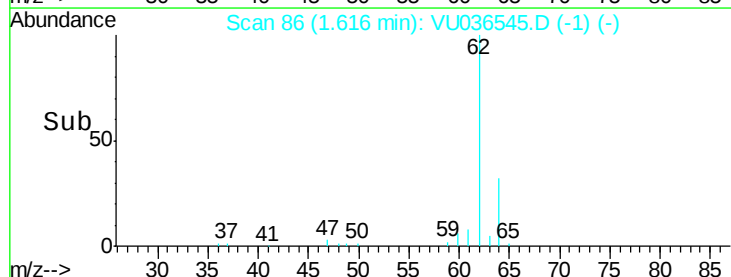
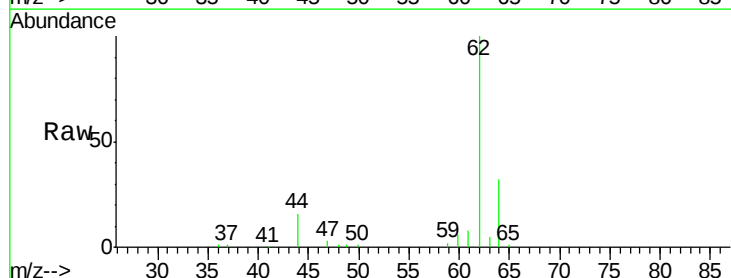
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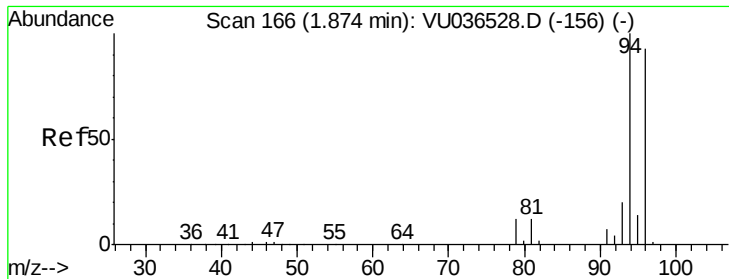
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#4
 Vinyl Chloride
 Concen: 1.999 ug/l
 RT: 1.62 min Scan# 86
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
64	64	31.9	25.4	38.2





#5

Bromomethane

Concen: 1.864 ug/l

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS02

Tot Ion: 94 Resp: 16494

Ion Ratio Lower Upper

94 100

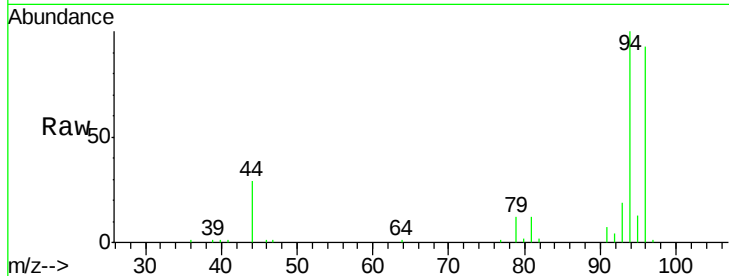
96 93.1 74.6 112.0

Manual Integrations

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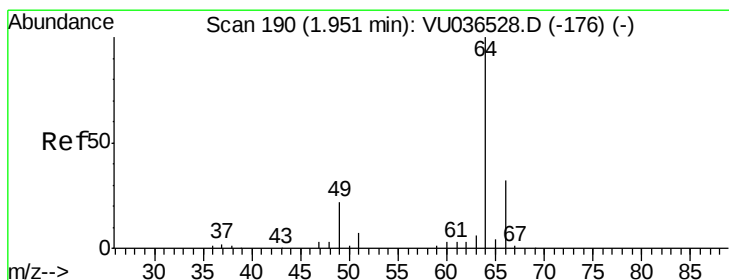
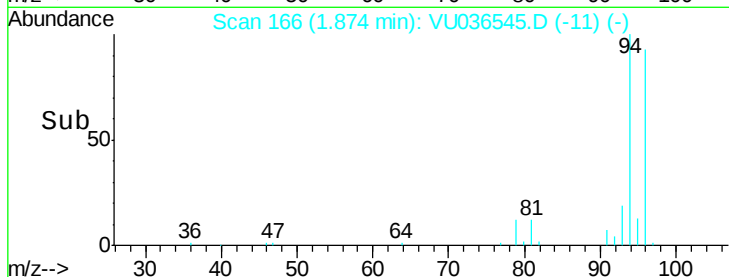
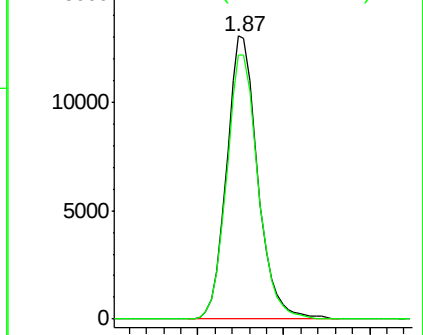
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.951 ug/l

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU036545.D

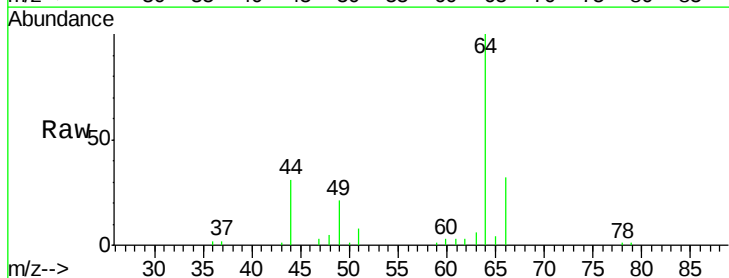
Acq: 23 Jan 2020 17:56

Tgt Ion: 64 Resp: 16463

Ion Ratio Lower Upper

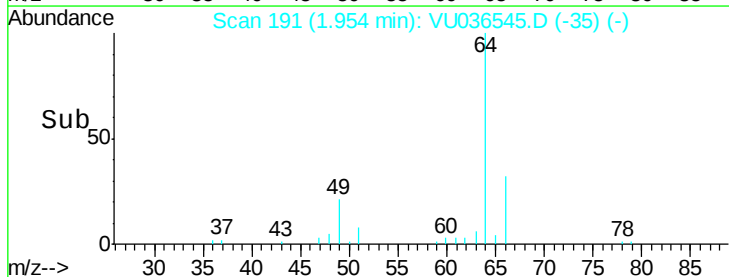
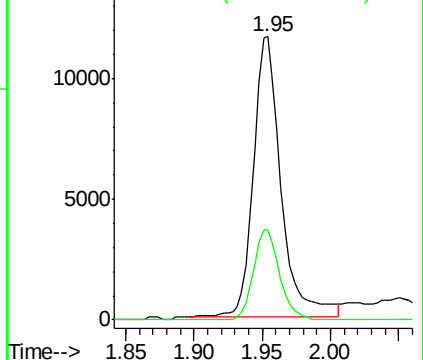
64 100

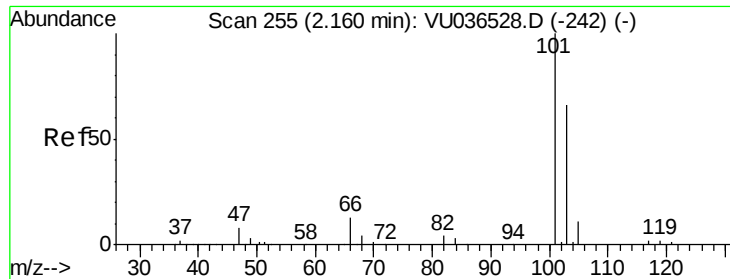
66 32.4 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

Trichlorofluoromethane
Concen: 2.007 ug/l
RT: 2.16 min Scan# 255
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

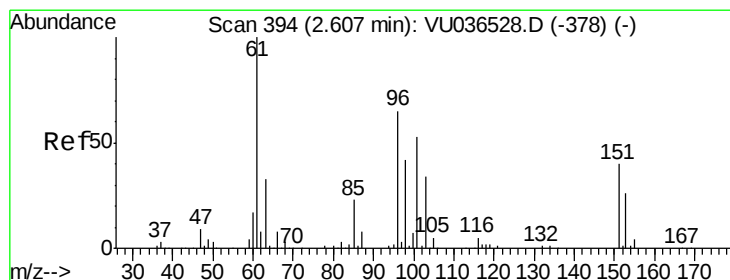
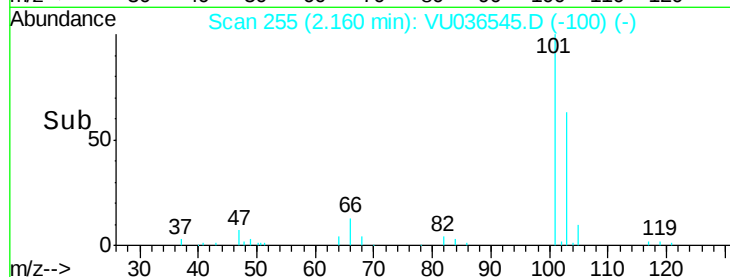
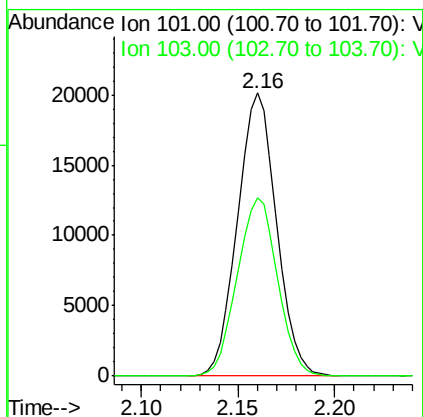
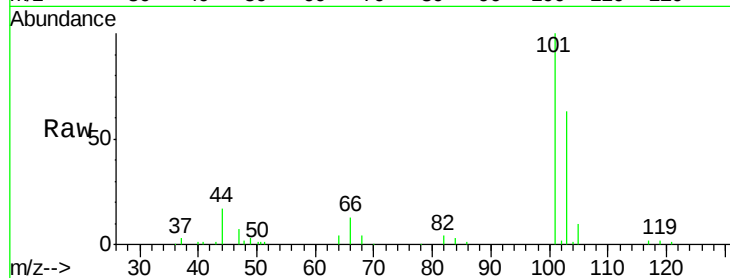
Instrument :
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Tot Ion	101	Resp	28247
Ion Ratio	Lower	Upper	
101	100		
103	63.0	53.0	79.6

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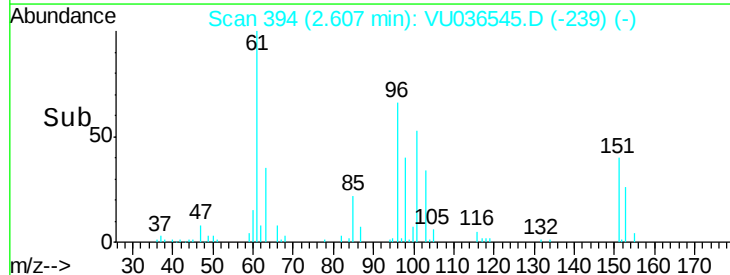
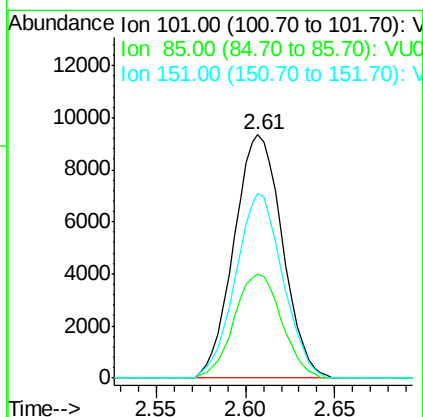
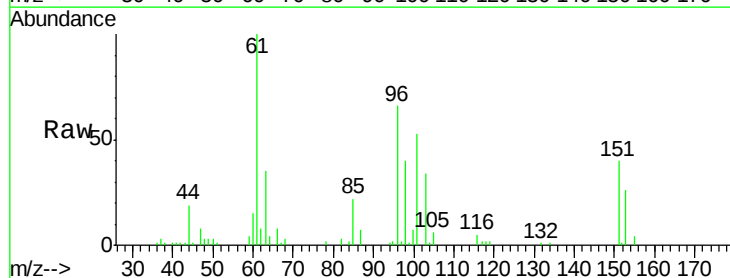
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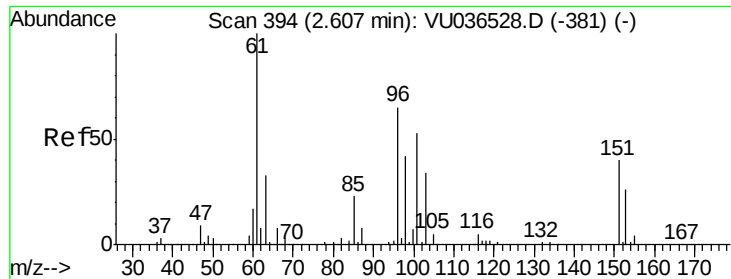


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.012 ug/l
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion	101	Resp	17642
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.9	50.9
151	74.0	59.8	89.8





#9

1,1-Dichloroethene

Concen: 1.999 ug/l

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

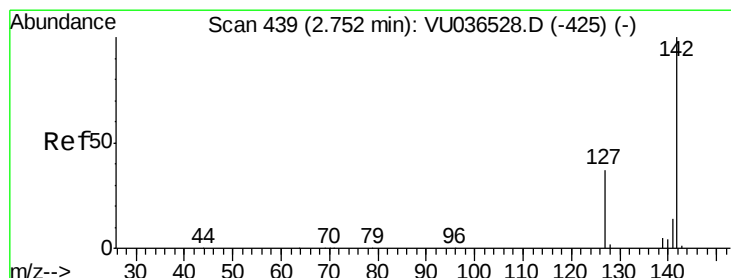
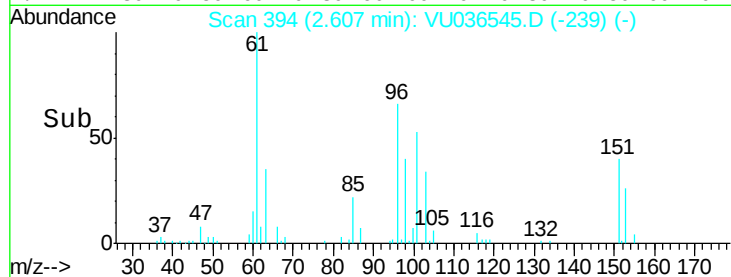
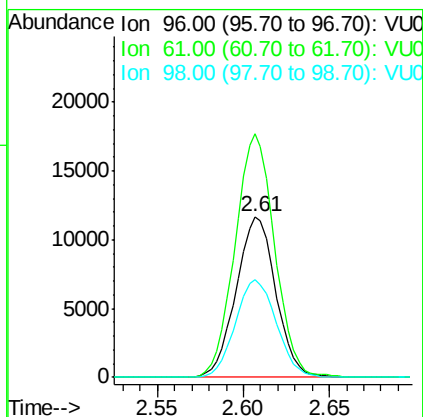
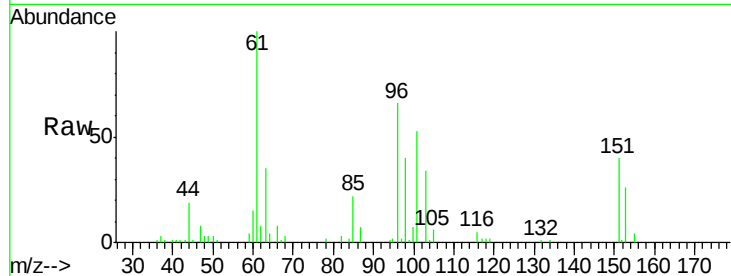
VU0123WBS02

Tot Ion:	96	Resp:	18658
Ion Ratio	Lower	Upper	
96	100		
61	151.8	0.0	463.2
98	60.7	0.0	130.0

Manual Integrations
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#10

Iodomethane

Concen: 1.889 ug/l

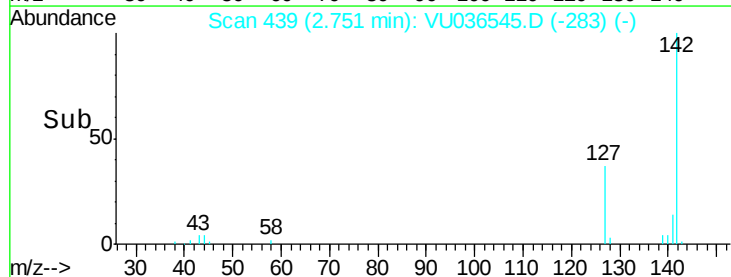
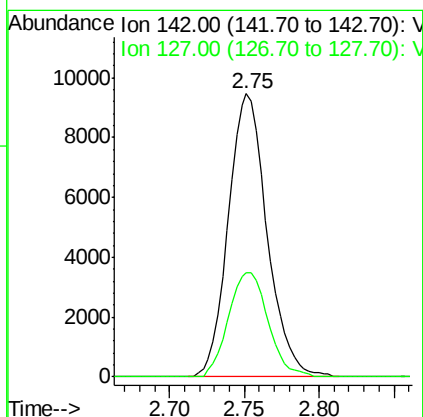
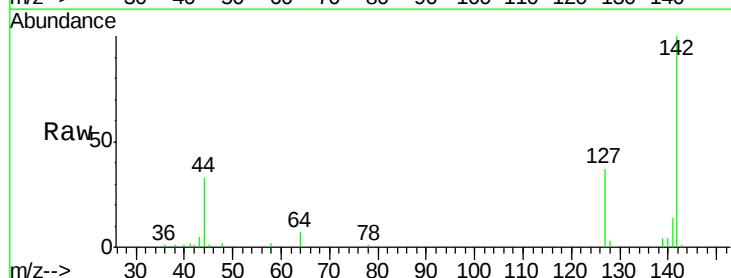
RT: 2.75 min Scan# 439

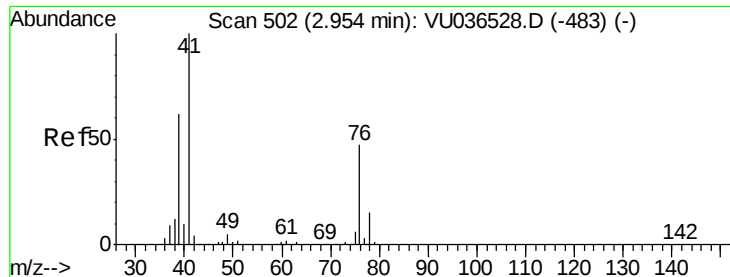
Delta R.T. 0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Tgt Ion:	142	Resp:	17062
Ion Ratio	Lower	Upper	
142	100		
127	37.5	30.3	45.5





#11
Allvl Chloride
Concen: 1.976 ug/l
RT: 2.95 min Scan# 502
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

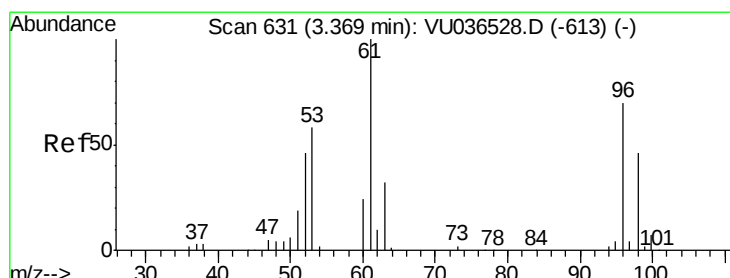
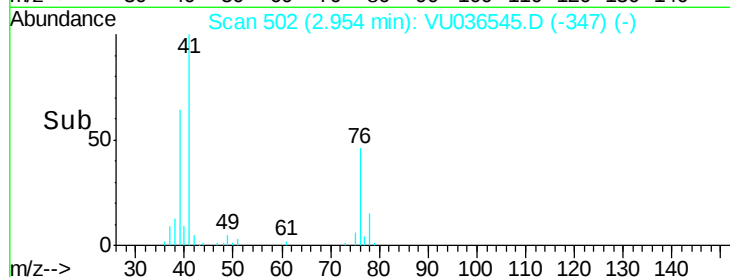
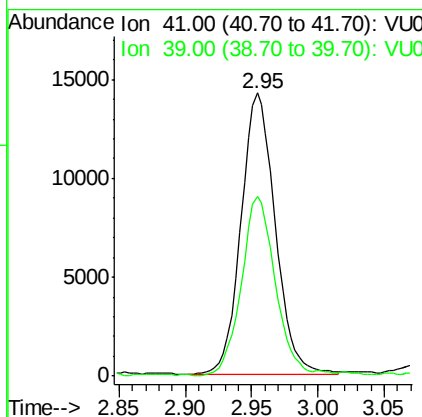
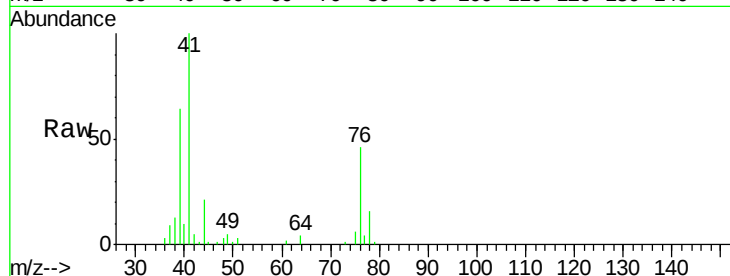
Instrument :
MSVOA_U
ClientSampled :
VU0123WBS02

Tot Ion: 41 Resp: 25495
Ion Ratio Lower Upper
41 100
39 64.3 50.7 76.1

Manual Integrations
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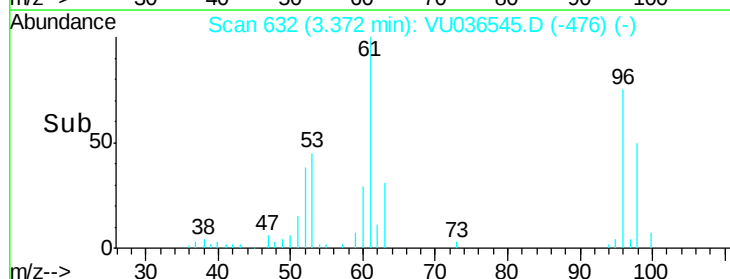
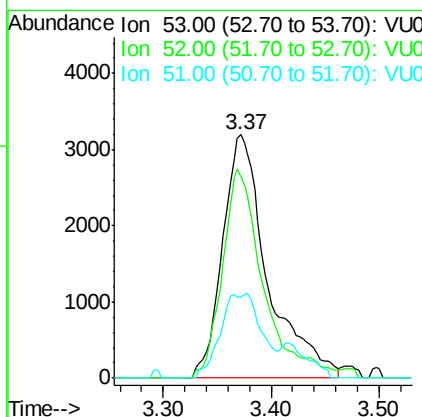
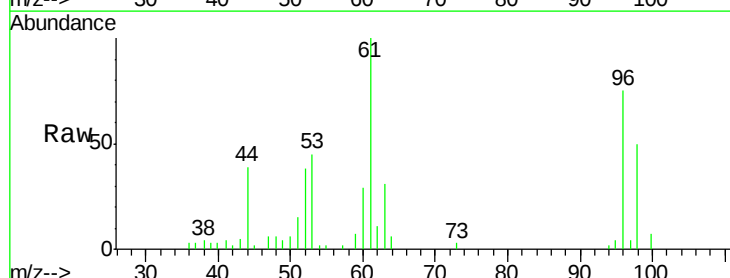
apatel

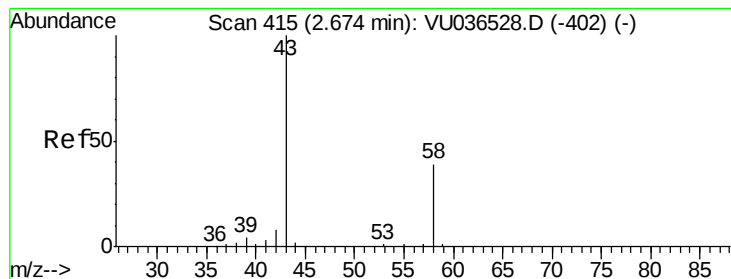
1/27/2020 1:46:52 PM



#12
Acrylonitrile
Concen: 4.050 ug/l
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion: 53 Resp: 9270
Ion Ratio Lower Upper
53 100
52 78.1 64.6 97.0
51 14.4 27.2 40.8#





#13

Acetone

Concen: 9.495 ug/l

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS02

Tot Ion: 43 Resp: 16455

Ion Ratio Lower Upper

43 100

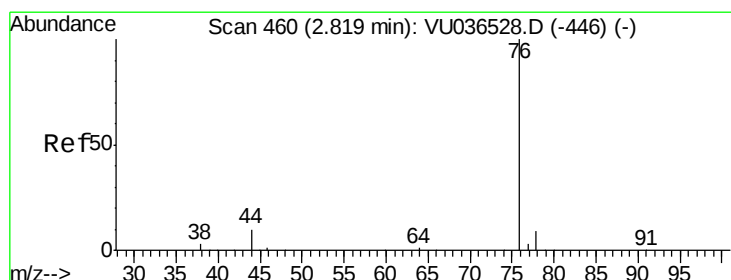
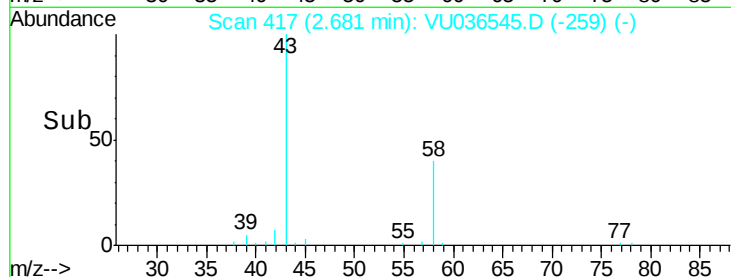
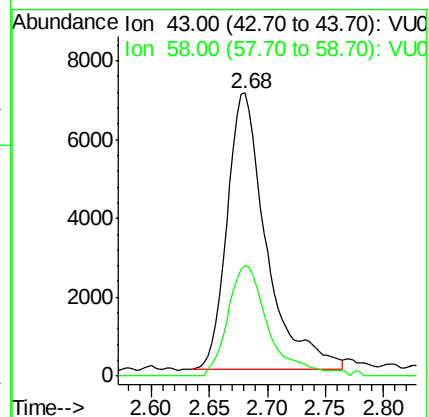
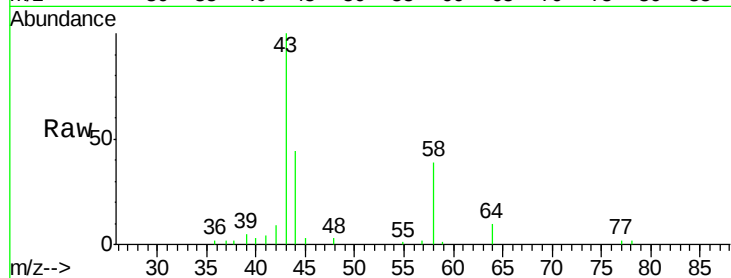
58 40.3 30.8 46.2

Manual Integrations

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#14

Carbon Disulfide

Concen: 1.928 ug/l

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036545.D

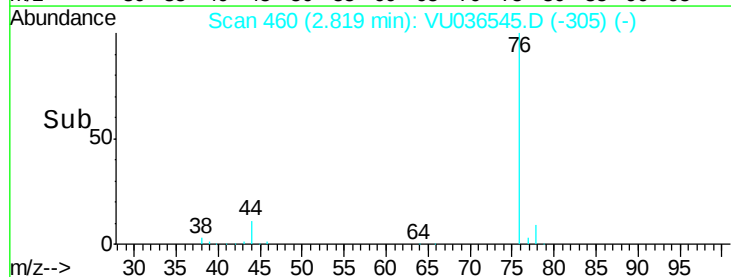
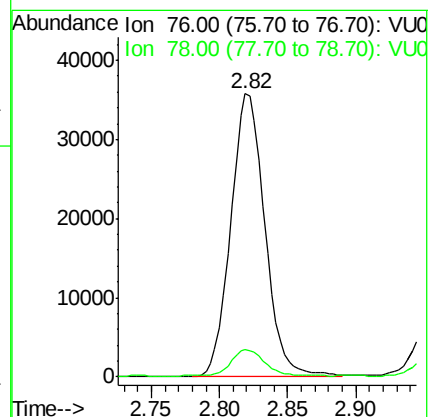
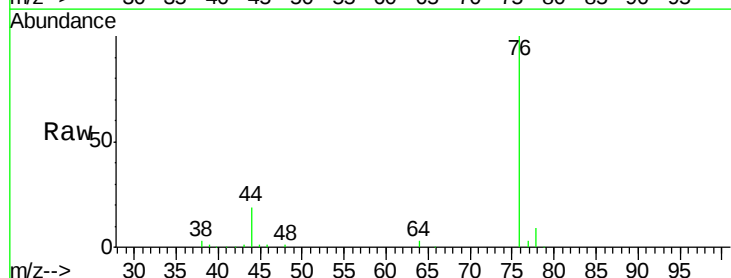
Acq: 23 Jan 2020 17:56

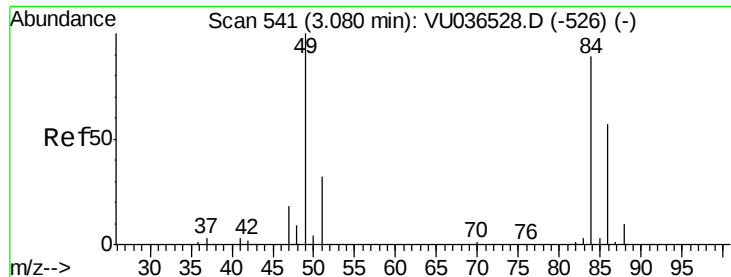
Tgt Ion: 76 Resp: 62295

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15
Methvlene Chloride
Concen: 2.248 ug/l
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

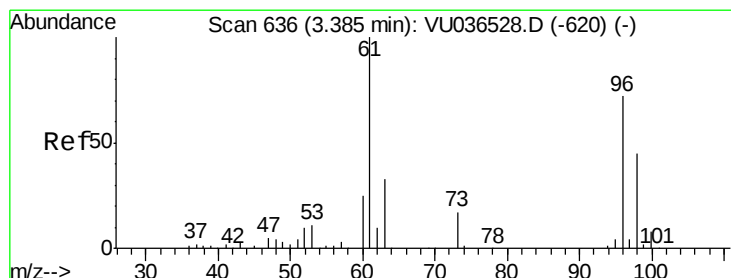
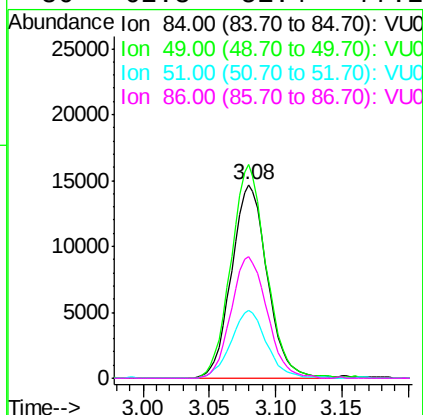
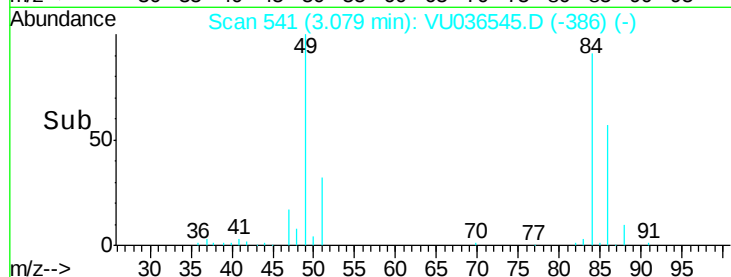
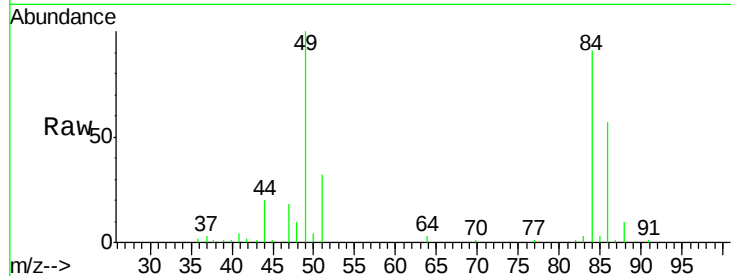
Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS02

Tot Ion	Ratio	Lower	Upper
84	100		
49	110.2	89.7	134.5
51	35.3	0.0	71.6
86	62.8	51.4	77.2

Manual Integrations
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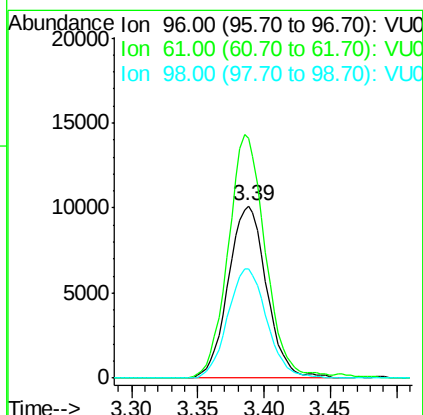
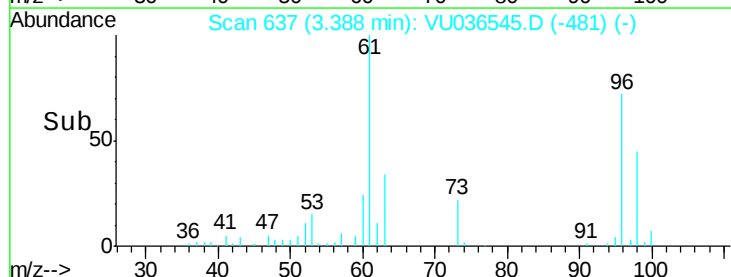
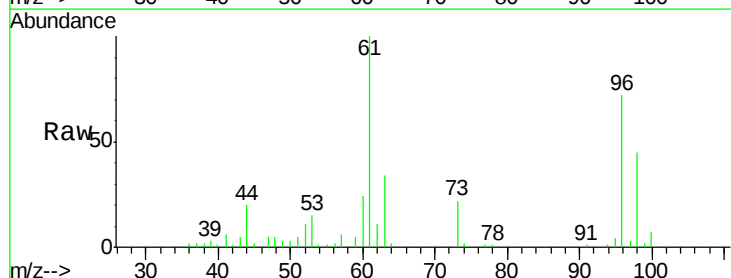
apatel

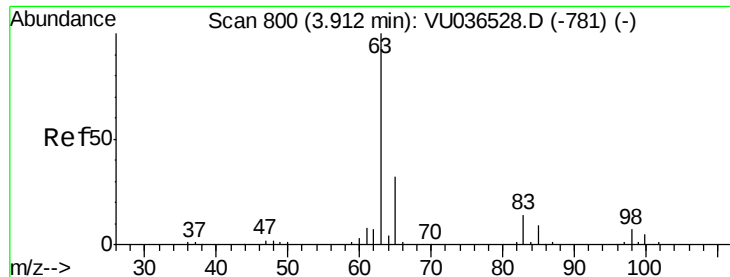
1/27/2020 1:46:52 PM



#16
trans-1,2-Dichloroethene
Concen: 1.975 ug/l
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.3	110.8	166.2
98	63.1	50.3	75.5





#17
 1,1-Dichloroethane
 Concen: 1.976 ug/l
 RT: 3.92 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

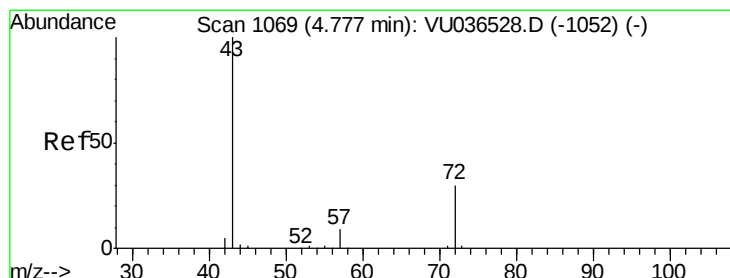
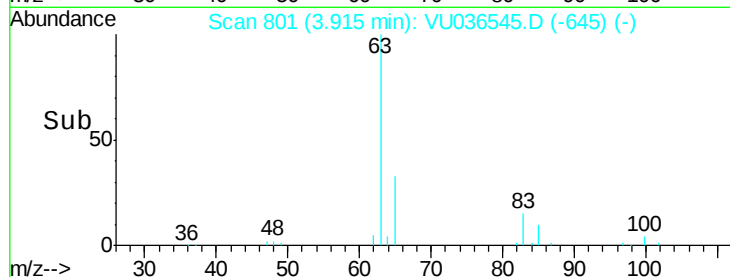
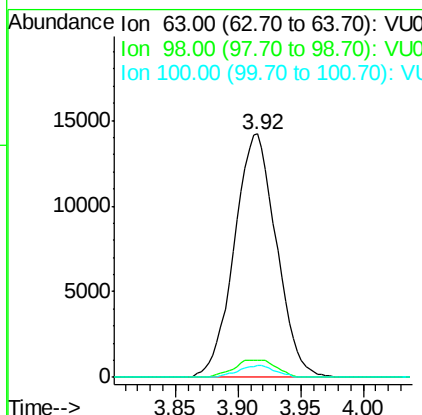
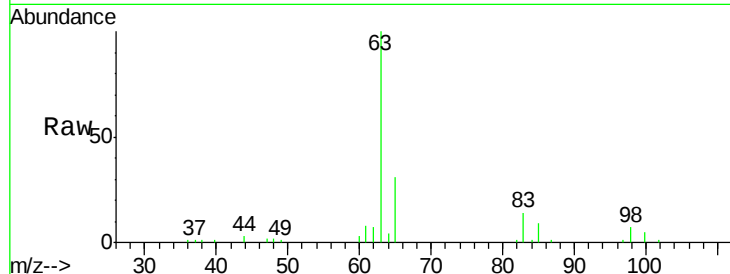
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS02

Tot Ion:	63	Resp:	33141
Ion Ratio	Lower	Upper	
63	100		
98	7.0	3.5	10.5
100	4.9	2.4	7.1

Manual Integrations
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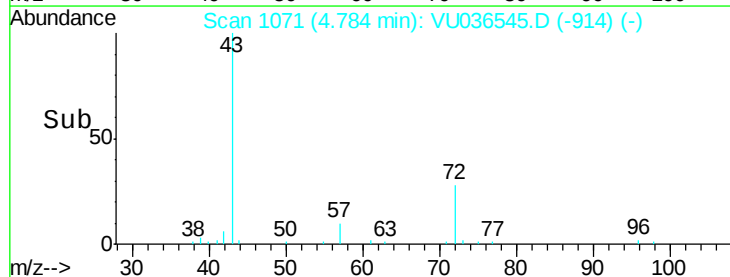
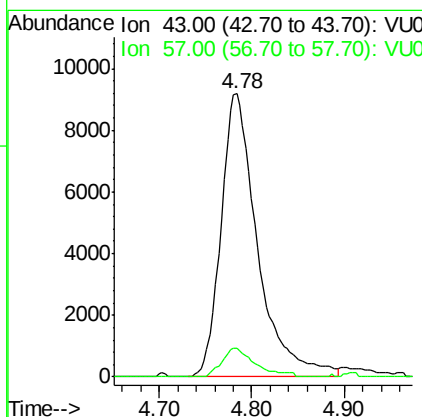
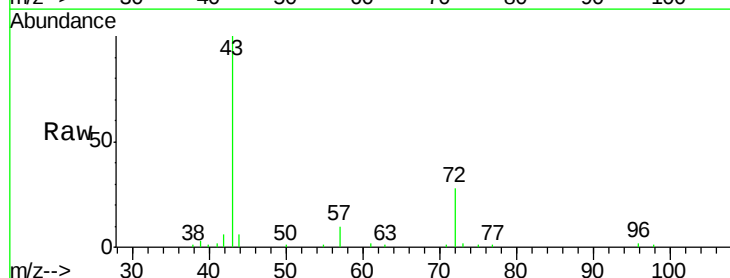
apatel

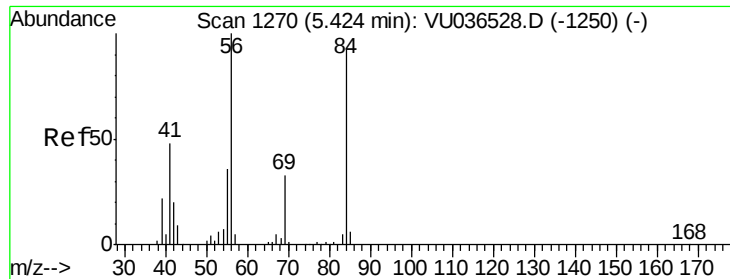
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#18
 2-Butanone
 Concen: 10.235 ug/l
 RT: 4.78 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion:	43	Resp:	25151
Ion Ratio	Lower	Upper	
43	100		
57	10.1	0.0	17.8





#19

Cyclohexane

Concen: 1.961 ug/l m

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

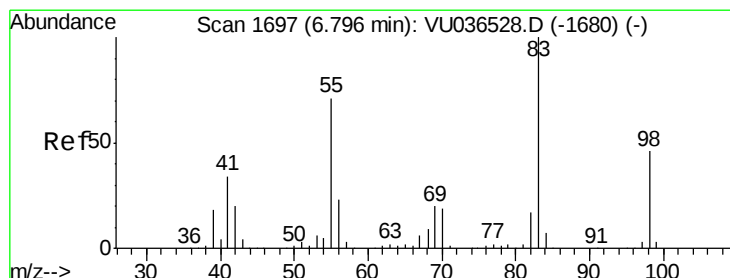
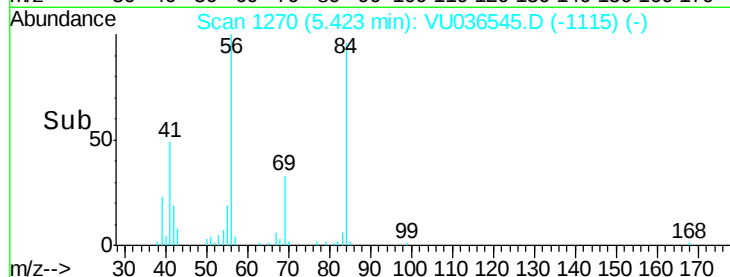
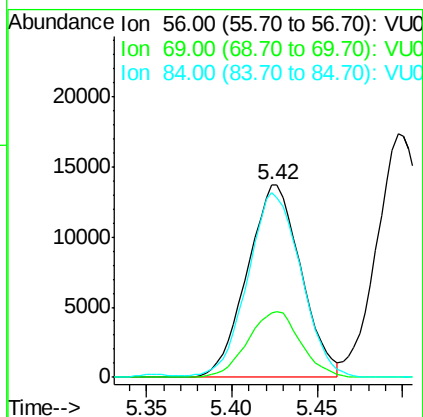
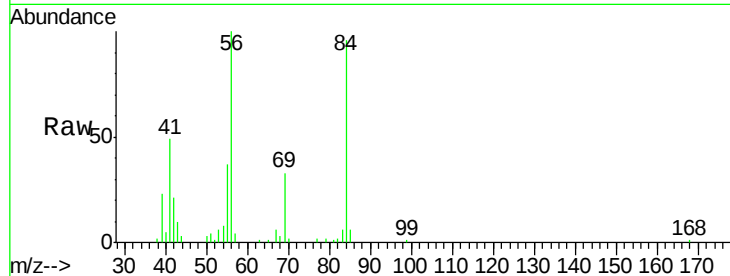
VU0123WBS02

Tot Ion:	56	Resp:	30073
Ion	Ratio	Lower	Upper
56	100		
69	33.5	26.2	39.2
84	94.2	72.8	109.2

Manual Integrations
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#20

Methylcyclohexane

Concen: 2.002 ug/l

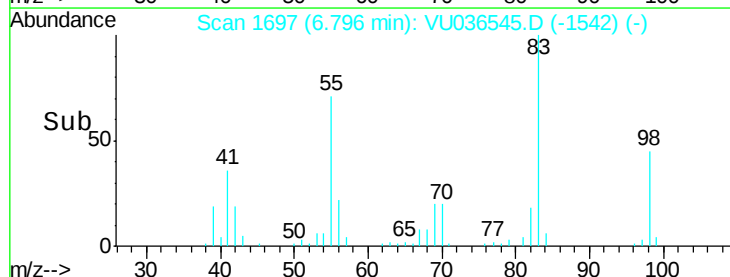
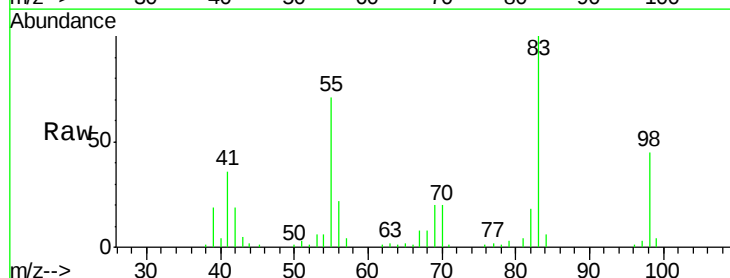
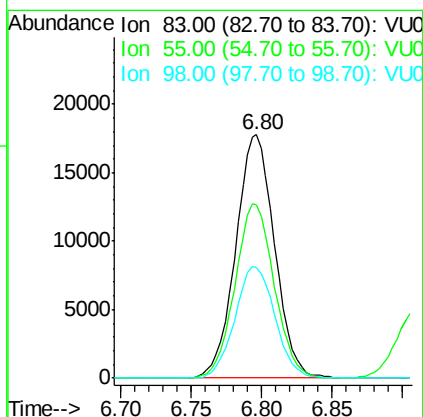
RT: 6.80 min Scan# 1697

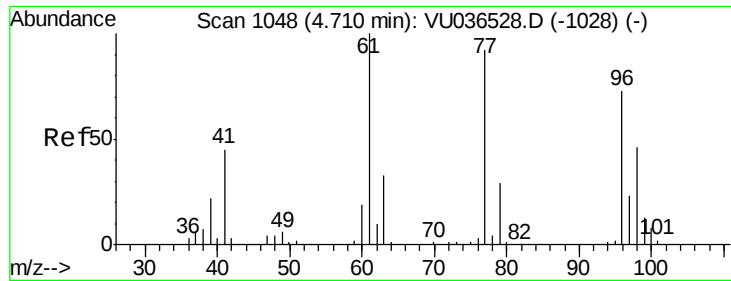
Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Tgt Ion:	83	Resp:	34276
Ion	Ratio	Lower	Upper
83	100		
55	72.0	56.6	85.0
98	47.0	37.5	56.3





#21
 2,2-Dichloropropane
 Concen: 1.986 ug/l
 RT: 4.71 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

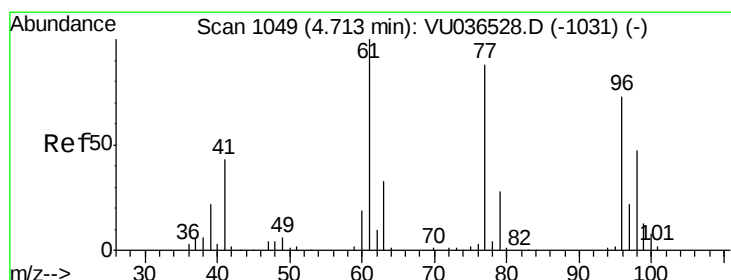
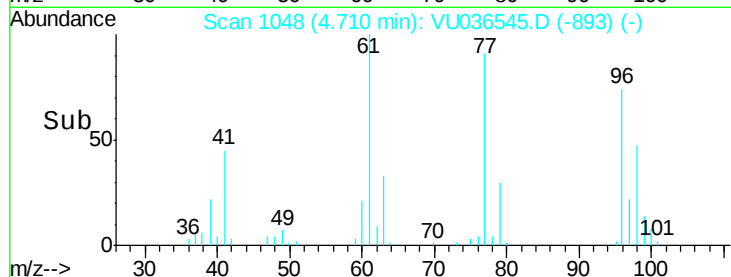
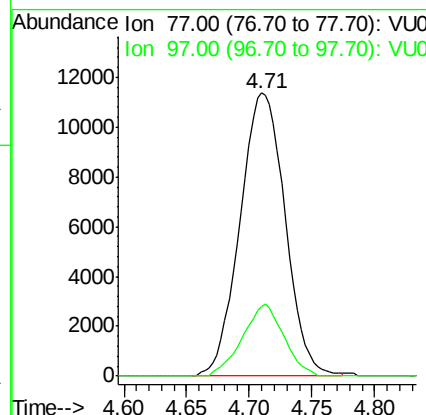
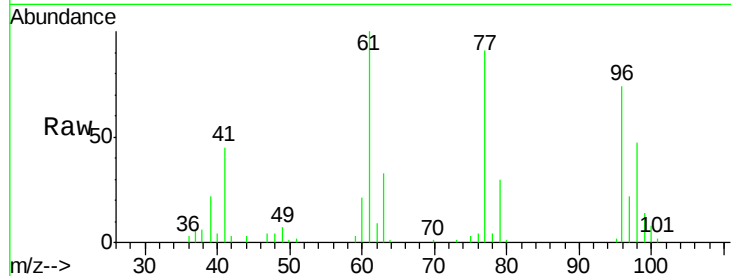
Instrument :
 MSVOA_U
 ClientSampled :
 VU0123WBS02

Tot Ion: 77 Resp: 28443
 Ion Ratio Lower Upper
 77 100
 97 23.3 19.0 28.4

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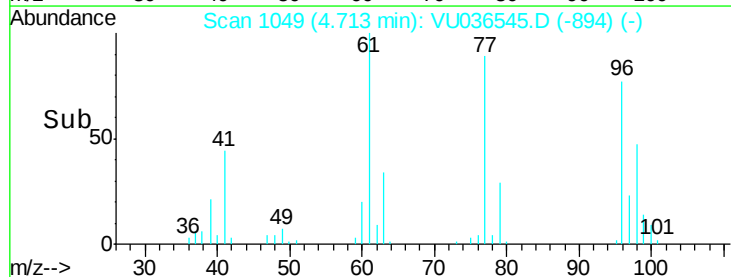
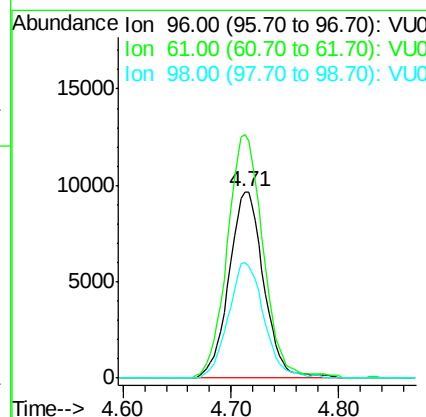
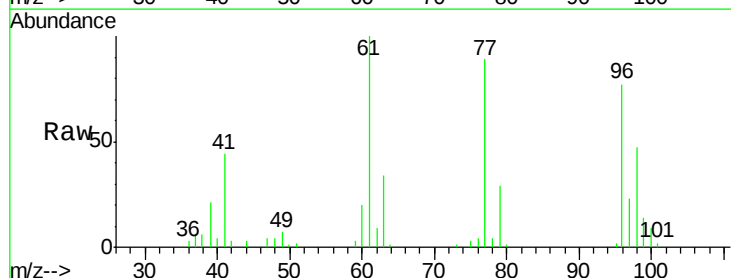
apatel

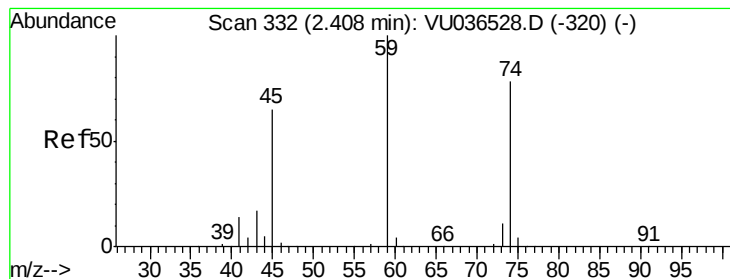
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#22
 cis-1,2-Dichloroethene
 Concen: 2.036 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion: 96 Resp: 21742
 Ion Ratio Lower Upper
 96 100
 61 134.7 0.0 342.0
 98 63.0 32.0 96.0





#23

Diethyl Ether

Concen: 1.978 ug/l

RT: 2.41 min Scan# 332

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

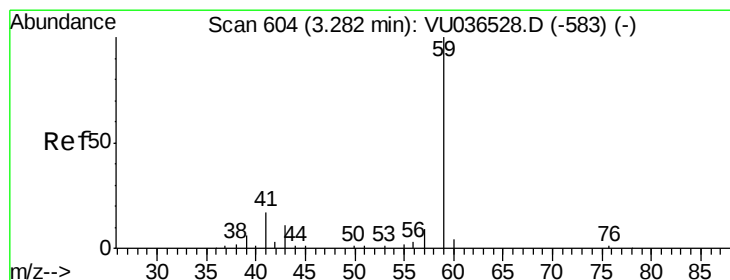
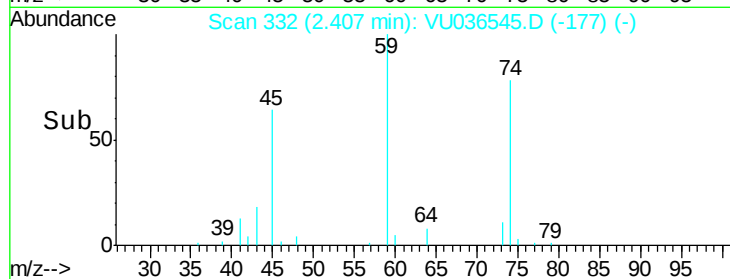
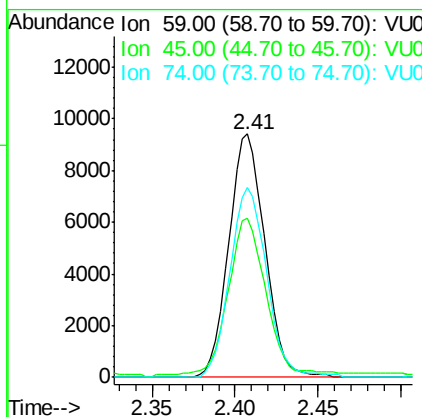
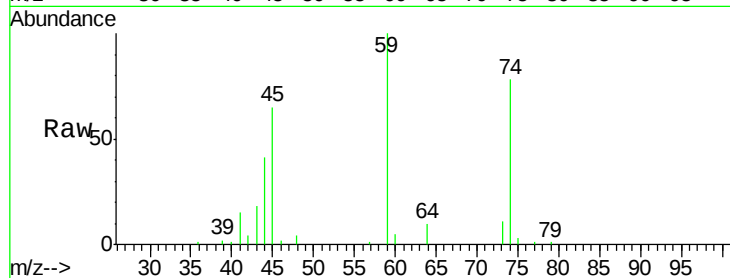
VU0123WBS02

Tot Ion:	59	Resp:	14257
Ion	Ratio	Lower	Upper
59	100		
45	71.5	52.4	78.6
74	79.8	62.1	93.1

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#24

tert-Butyl Alcohol

Concen: 18.512 ug/l

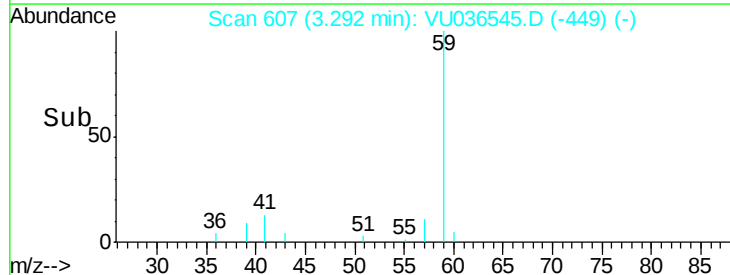
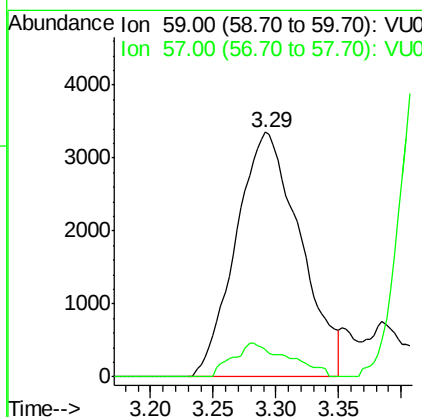
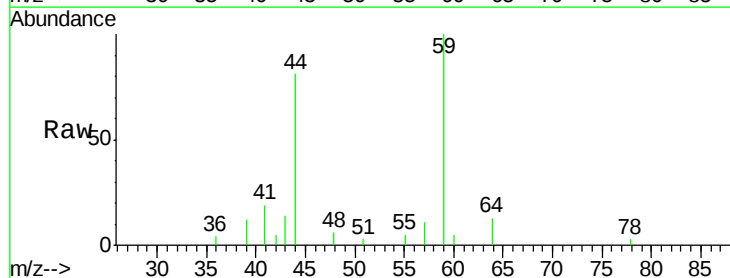
RT: 3.29 min Scan# 607

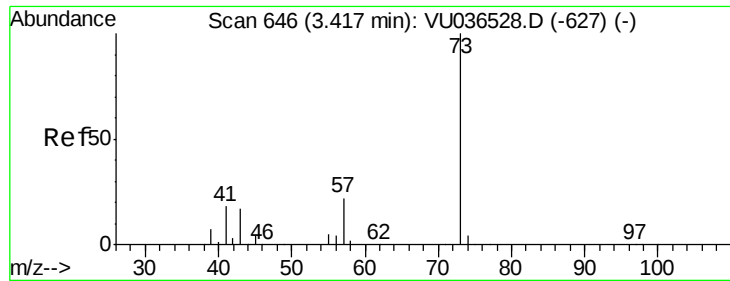
Delta R.T. 0.01 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Tgt Ion:	59	Resp:	11926
Ion	Ratio	Lower	Upper
59	100		
57	12.1	8.4	12.6





#25

Methvl tert-Butvl Ether
 Concen: 2.031 ug/l
 RT: 3.42 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

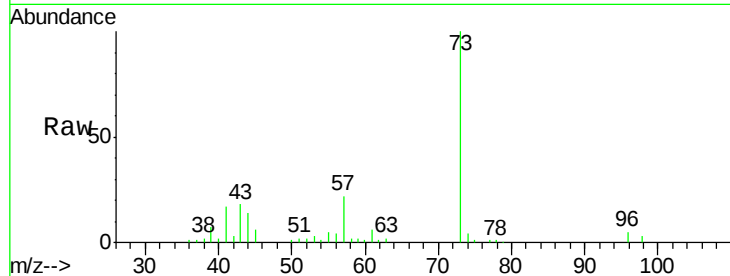
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
43	19.6	14.5	21.7

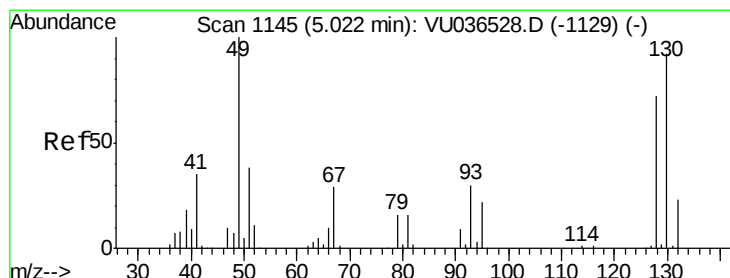
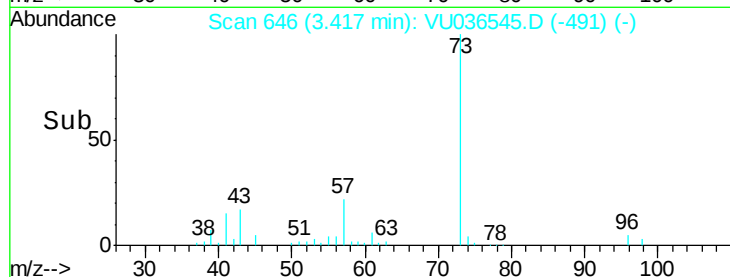
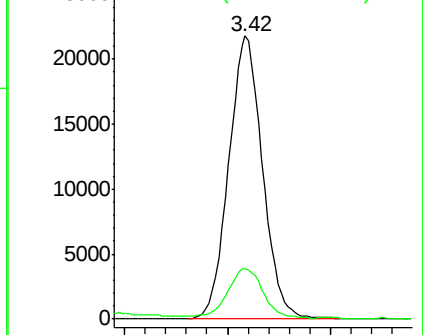
Manual Integrations
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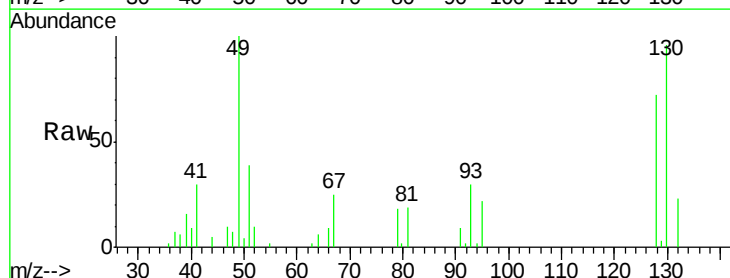
Abundance Ion 73.00 (72.70 to 73.70): VU036545.D (-491) (-)



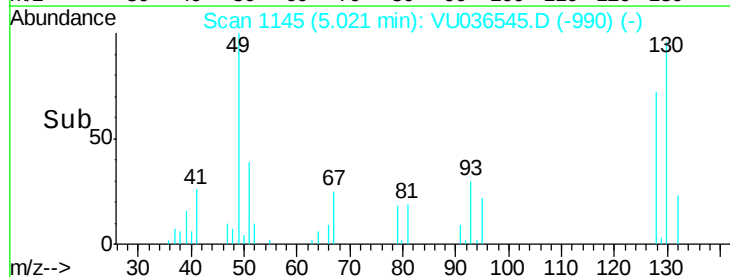
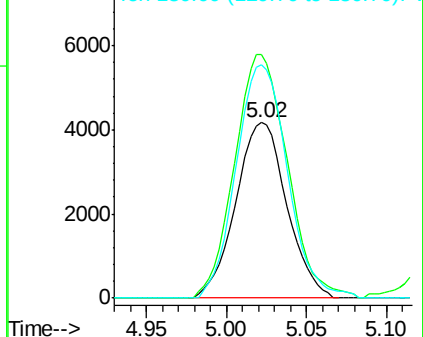
#26

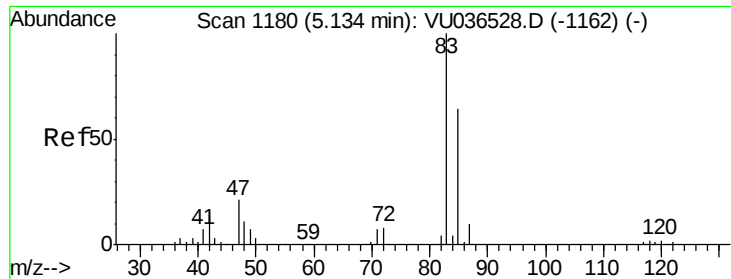
Bromochloromethane
 Concen: 1.970 ug/l
 RT: 5.02 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion	Ratio	Lower	Upper
128	100		
49	143.5	0.0	286.2
130	134.2	104.3	156.5



Abundance Ion 128.00 (127.70 to 128.70): VU036545.D (-990) (-)





#27
Chloroform
Concen: 2.026 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

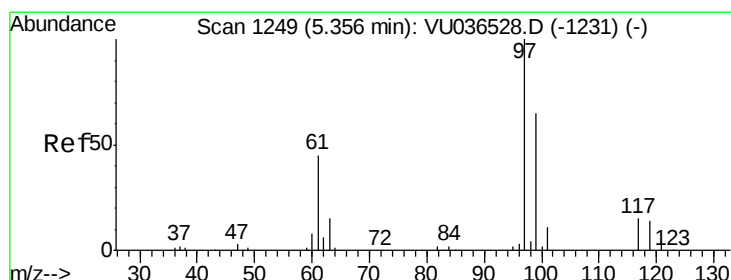
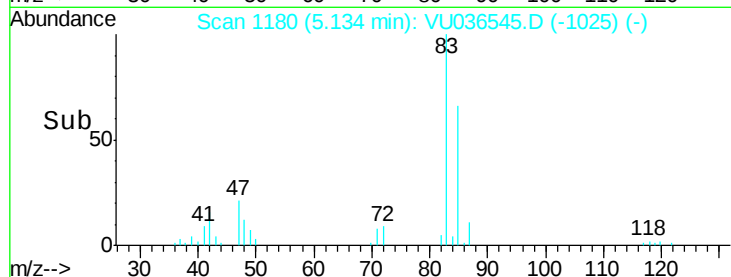
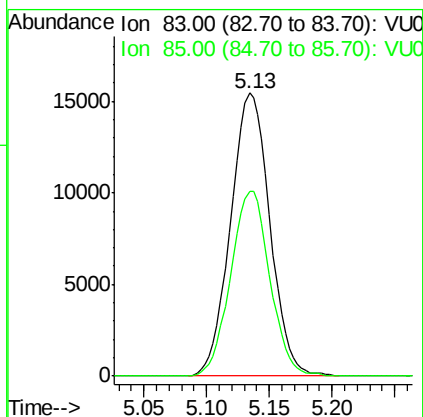
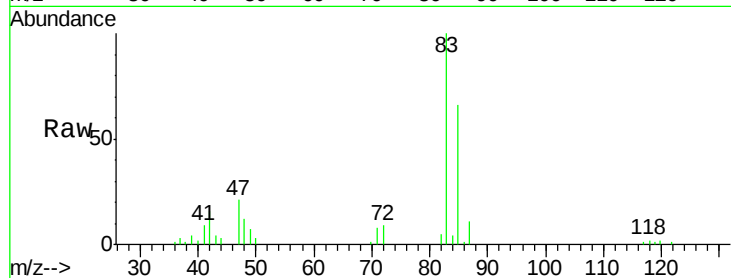
Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS02

Tot Ion	83	Resp	33621
Ion Ratio	100	Lower	Upper
85	65.5	0.0	129.0

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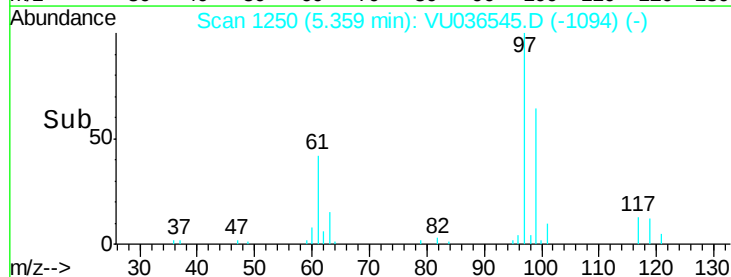
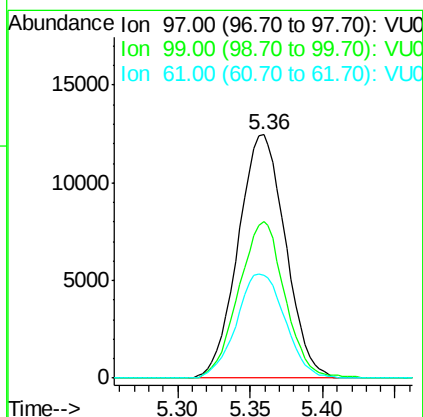
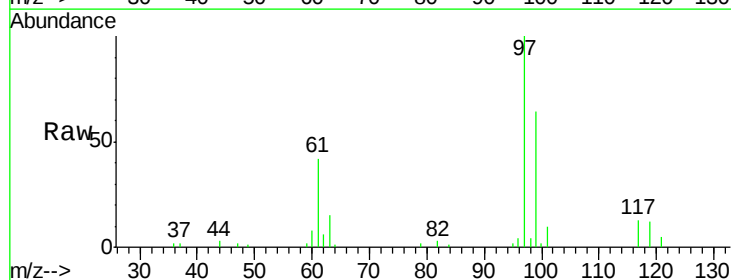
apatel

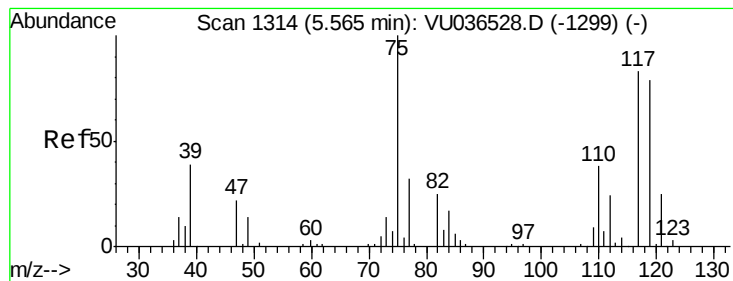
1/27/2020 1:46:52 PM



#28
1,1,1-Trichloroethane
Concen: 2.031 ug/l
RT: 5.36 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion	97	Resp	28252
Ion Ratio	100	Lower	Upper
99	62.7	32.1	96.3
61	43.9	22.7	68.0





#29

1,1-Dichloropropene

Concen: 1.990 ug/l

RT: 5.56 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS02

Tot Ion: 75 Resp: 27025

Ion Ratio Lower Upper

75 100

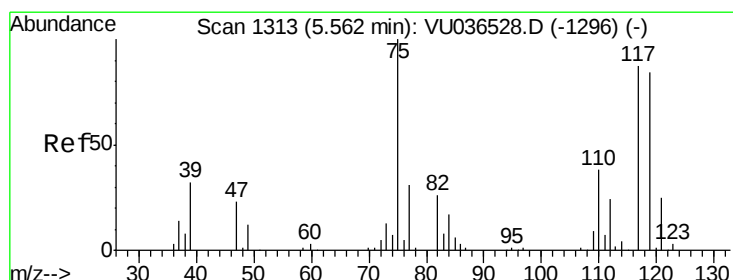
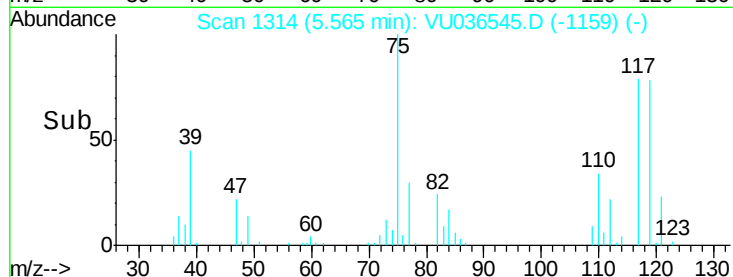
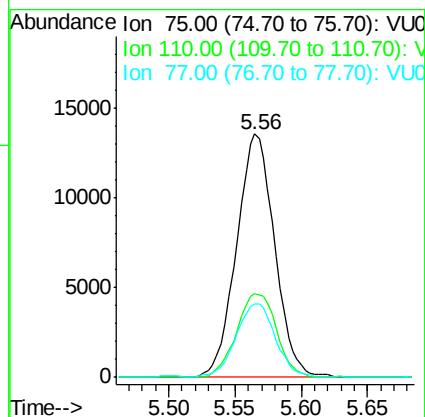
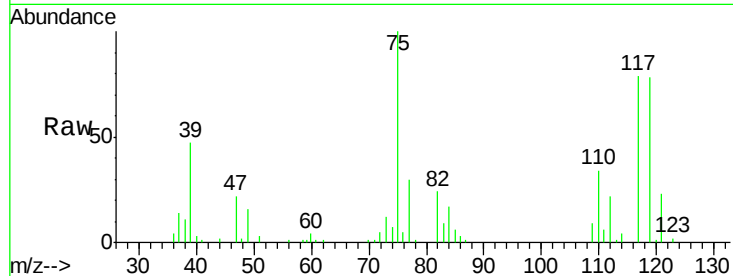
110 36.1 18.6 55.8

77 31.4 25.0 37.4

Manual Integrations
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#30

Carbon Tetrachloride

Concen: 1.984 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

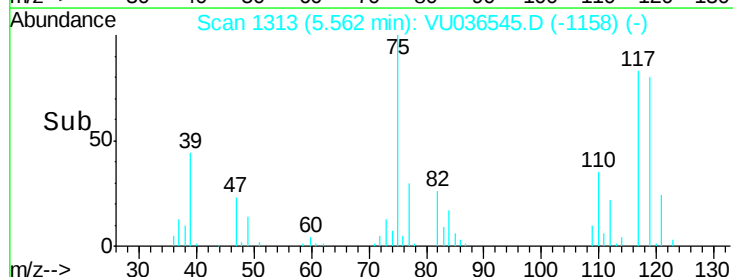
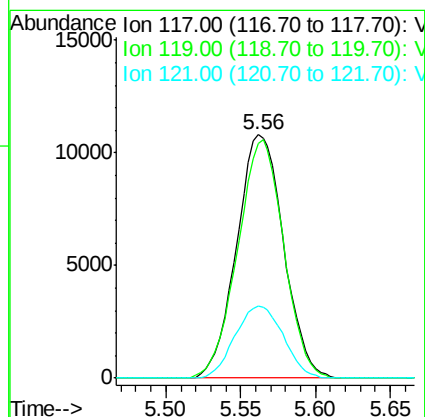
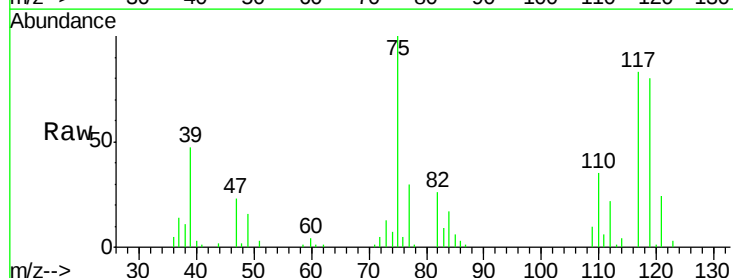
Tgt Ion: 117 Resp: 23636

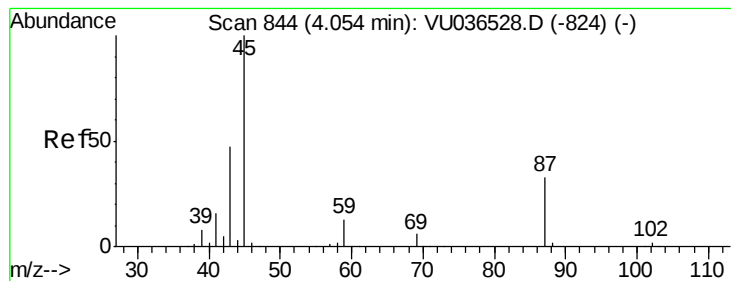
Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6

121 29.4 23.3 34.9





#31

Isopropyl Ether

Concen: 1.991 ug/l

RT: 4.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS02

Tot Ion: 45 Resp: 50703

Ion Ratio Lower Upper

45 100

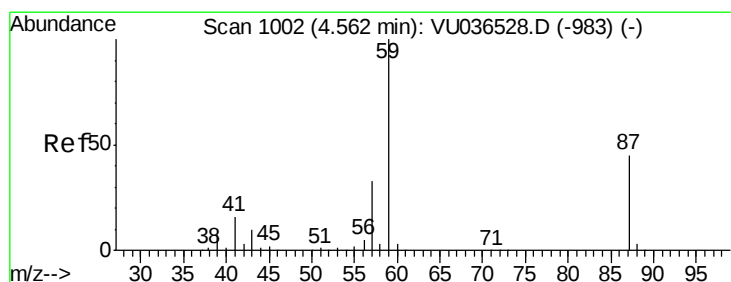
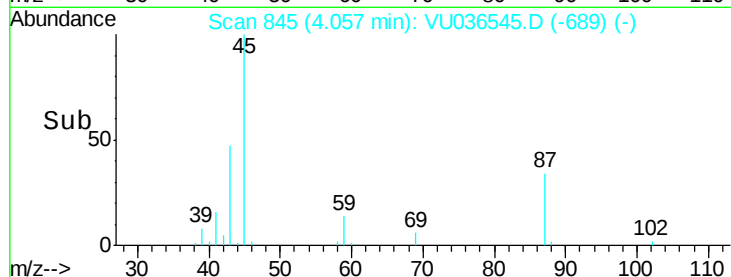
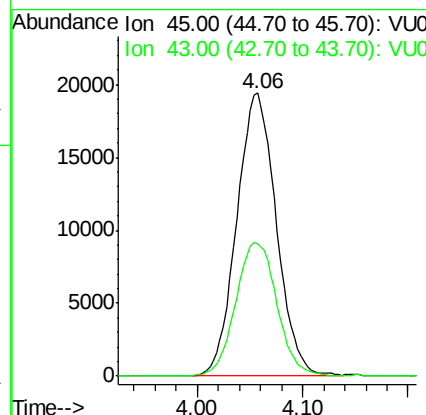
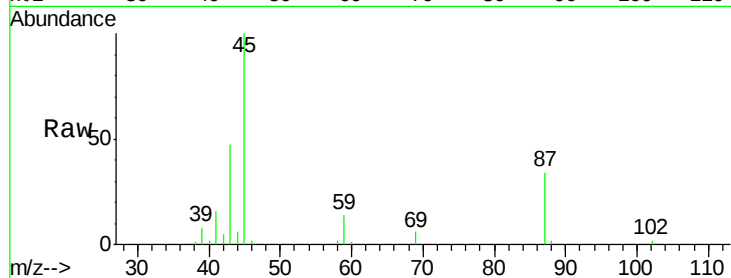
43 49.1 24.0 72.0

Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 2.011 ug/l

RT: 4.56 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VU036545.D

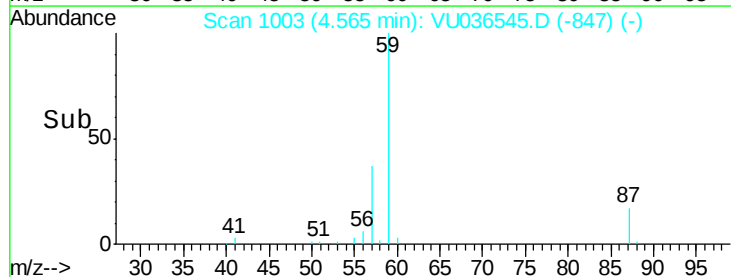
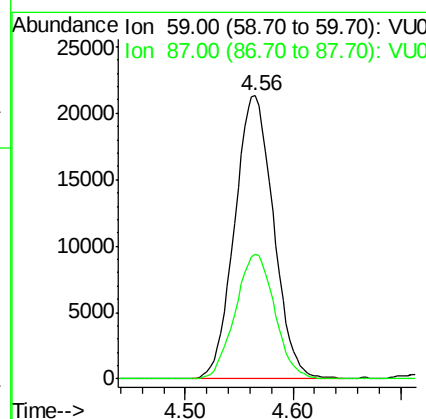
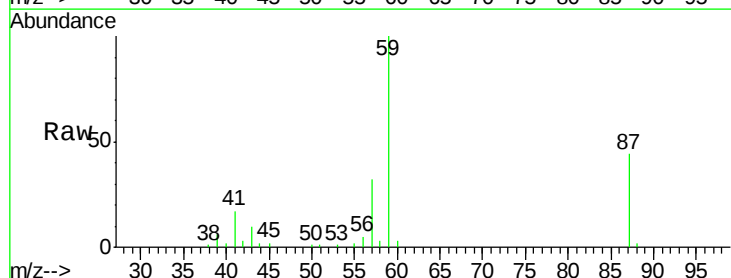
Acq: 23 Jan 2020 17:56

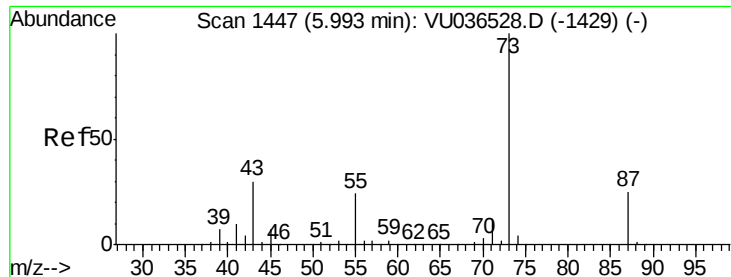
Tgt Ion: 59 Resp: 53584

Ion Ratio Lower Upper

59 100

87 44.5 35.1 52.7





#33
Tert-Butyl methyl ether
Concen: 2.011 ug/l
RT: 5.99 min Scan# 1447
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

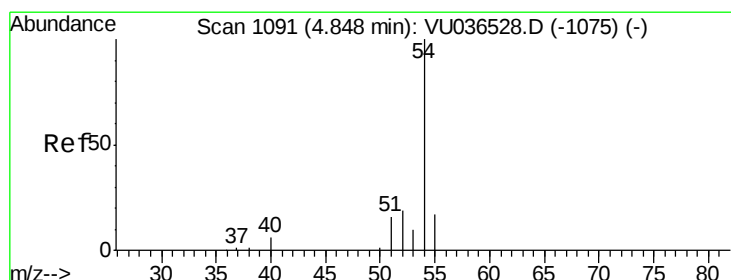
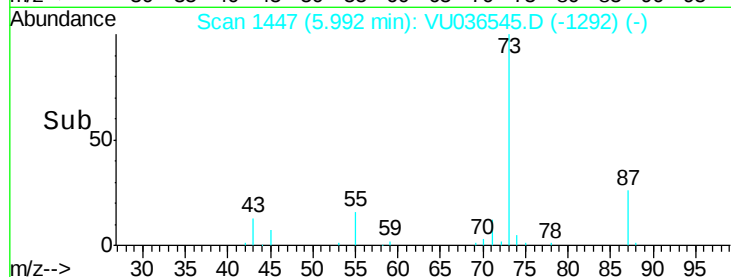
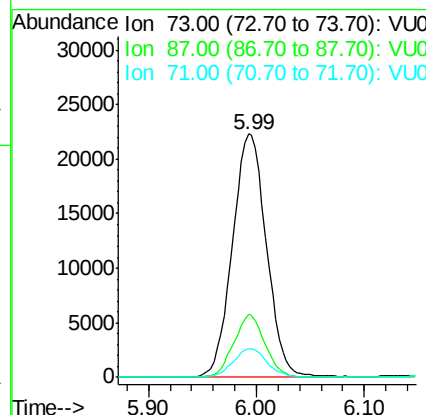
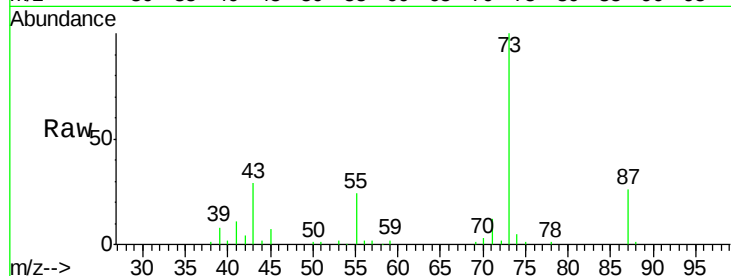
Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS02

Tot Ion	Ion	Ratio	Lower	Upper
73	100			
87	23.5	19.8	29.6	
71	11.6	9.1	13.7	

Manual Integrations
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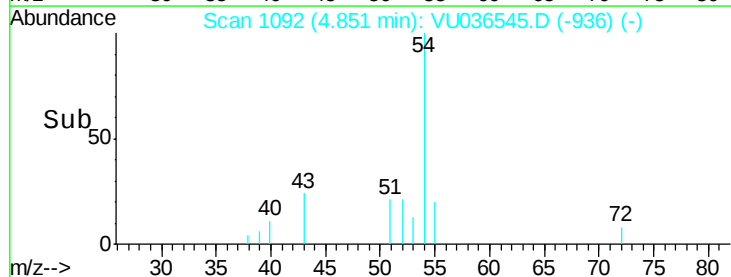
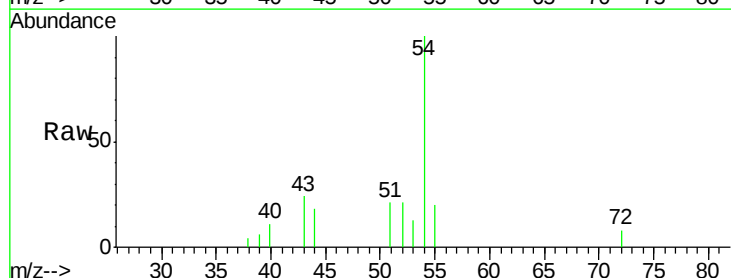
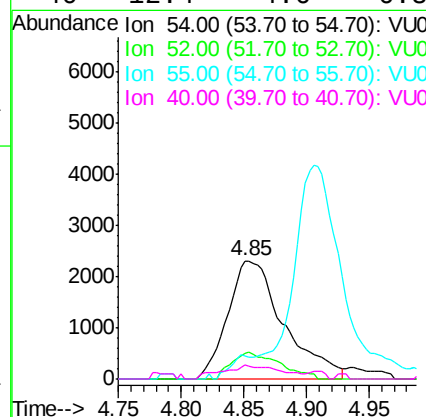
apatel

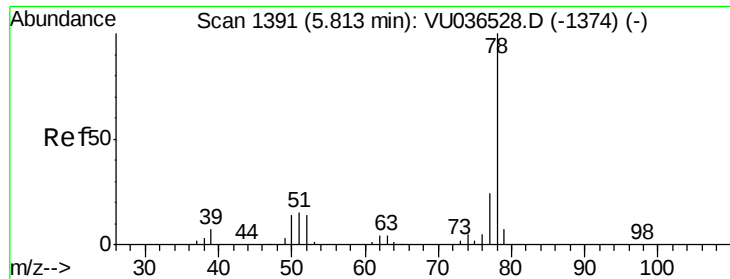
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#34
Propionitrile
Concen: 10.099 ug/l
RT: 4.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion	Ion	Ratio	Lower	Upper
54	100			
52	19.6	15.2	22.8	
55	8.0	9.5	14.3	
40	12.4	4.6	6.8	





#35

Benzene

Concen: 2.008 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS02

Tot Ion: 78 Resp: 78966

Ion Ratio Lower Upper

78 100

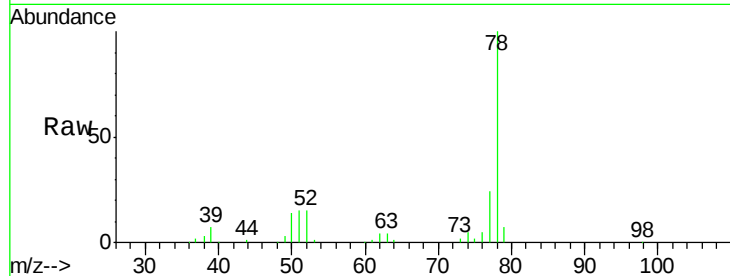
77 24.3 19.4 29.0

Manual Integrations

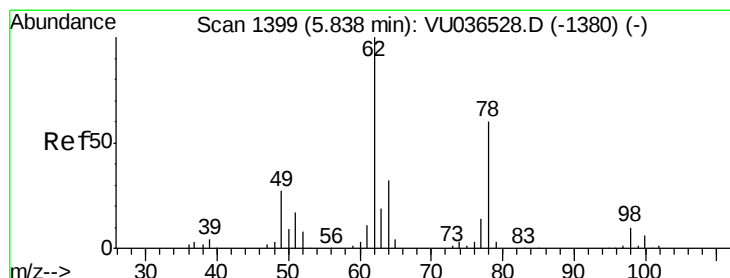
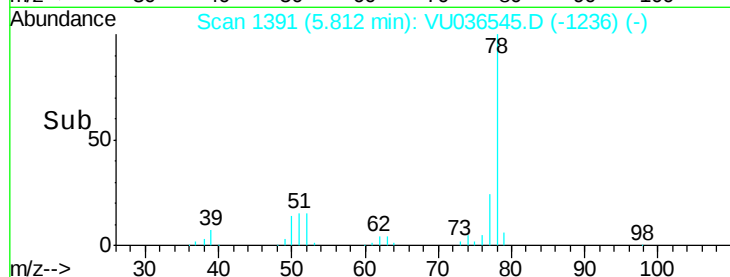
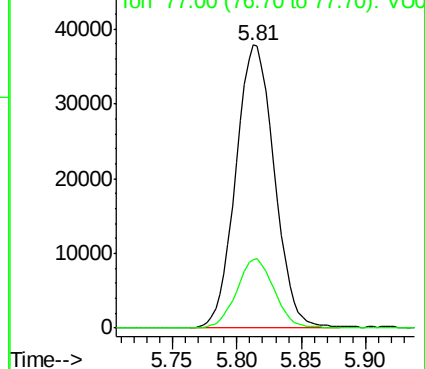
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Abundance Ion 78.10 (77.80 to 78.80): VU036528.D (-1374) (-)



#36

1,2-Dichloroethane

Concen: 1.996 ug/l

RT: 5.84 min Scan# 1400

Delta R.T. 0.00 min

Lab File: VU036545.D

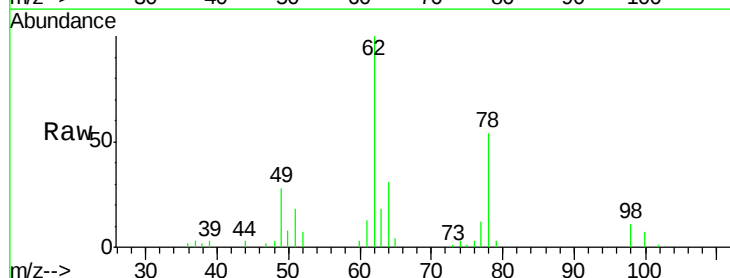
Acq: 23 Jan 2020 17:56

Tgt Ion: 62 Resp: 21127

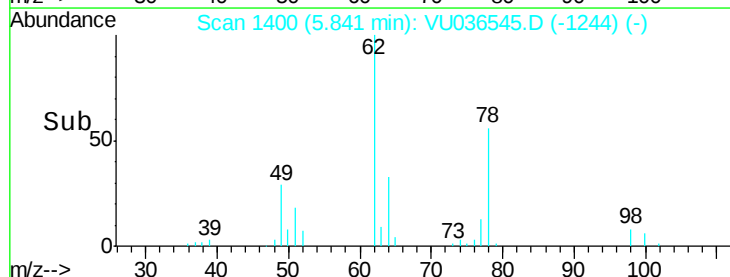
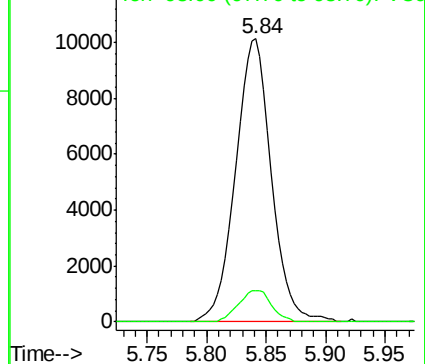
Ion Ratio Lower Upper

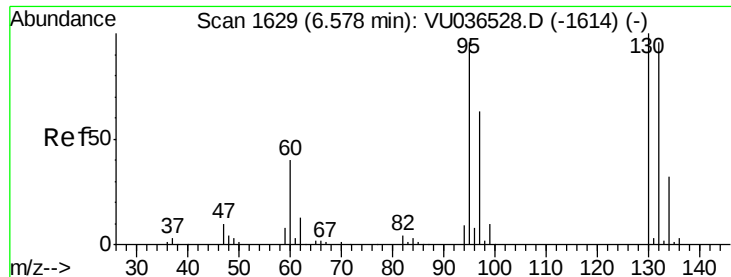
62 100

98 10.2 7.8 11.8



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





#37
 Trichloroethene
 Concen: 1.999 ug/l
 RT: 6.58 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

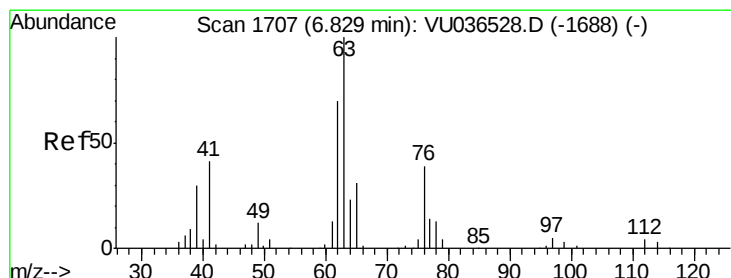
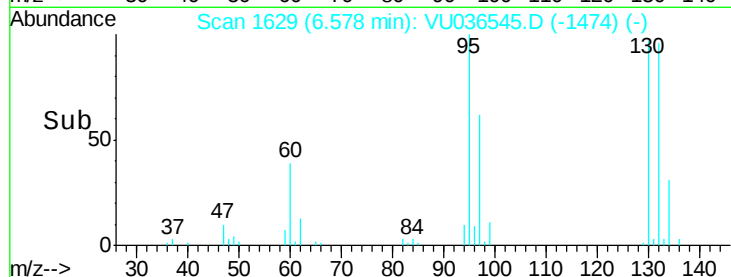
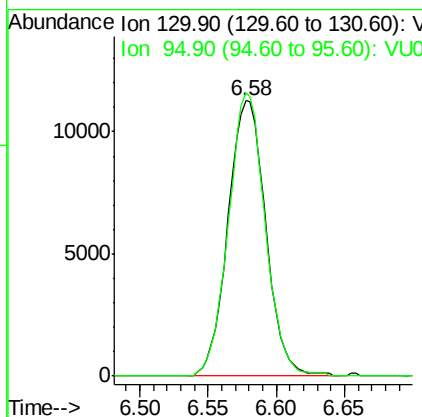
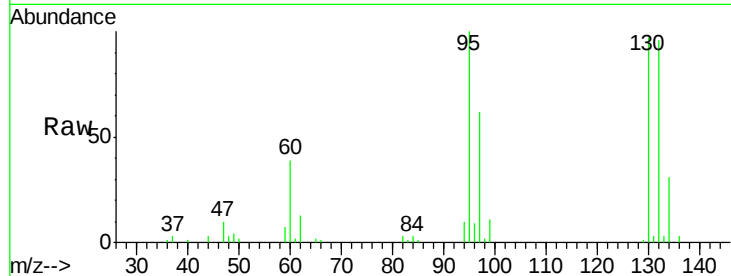
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS02

Tot Ion:130 Resp: 21705
 Ion Ratio Lower Upper
 130 100
 95 102.8 77.0 115.4

Manual Integrations
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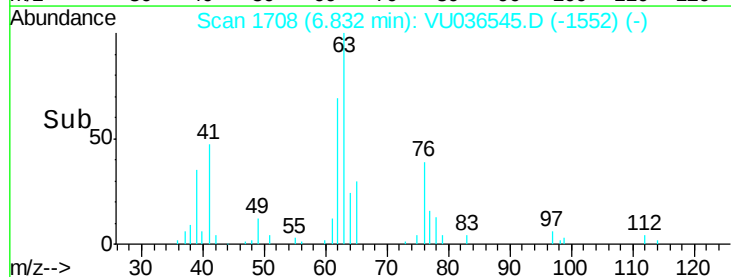
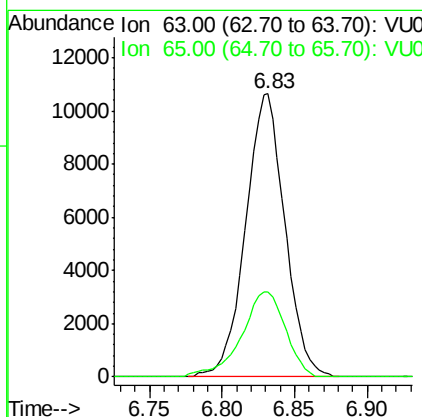
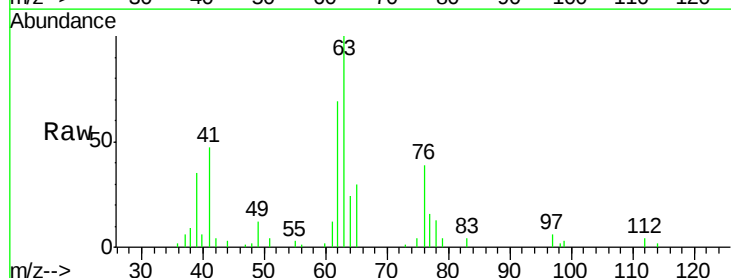
apatel

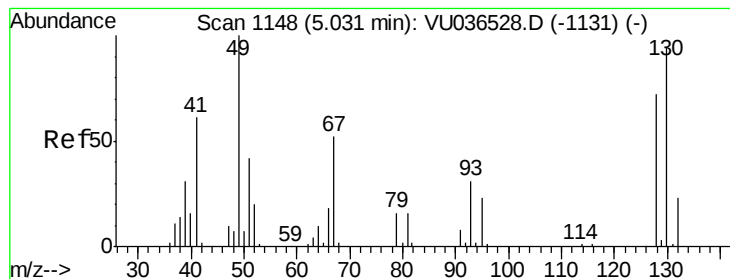
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#38
 1,2-Dichloropropane
 Concen: 2.026 ug/l
 RT: 6.83 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion: 63 Resp: 20027
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.7 37.1





#39

Methacrylonitrile

Concen: 2.066 ug/l

RT: 5.03 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS02

Tot Ion: 41 Resp: 6149

Ion Ratio Lower Upper

41 100

67 85.2 69.6 104.4

39 55.8 41.6 62.4

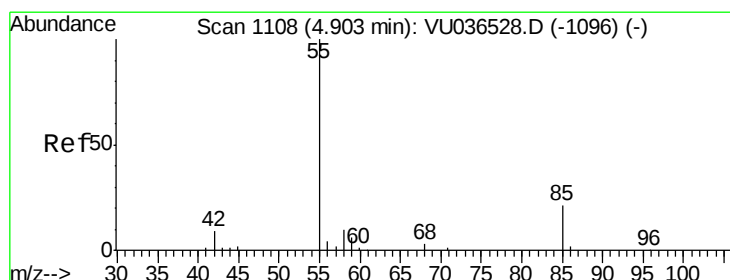
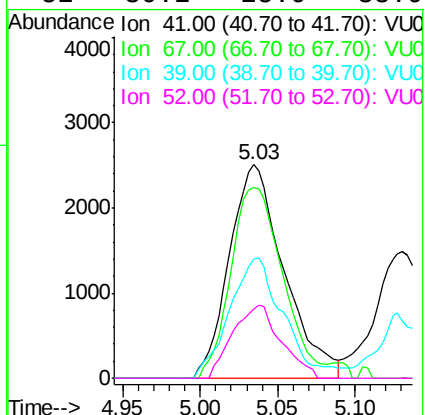
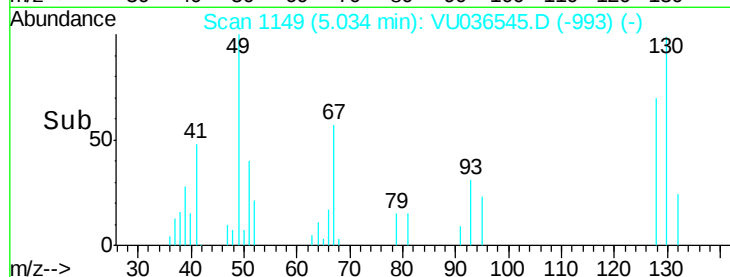
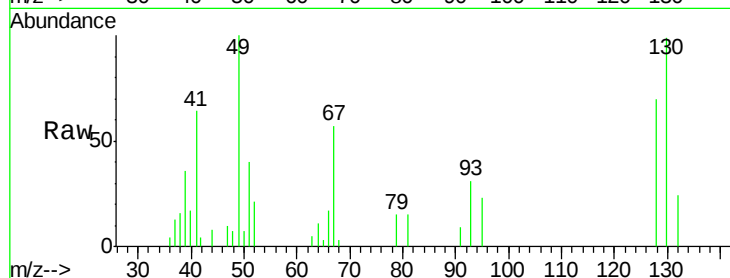
52 30.2 25.9 38.9

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#40

Methyl acrylate

Concen: 2.137 ug/l

RT: 4.91 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Tgt Ion: 55 Resp: 10083

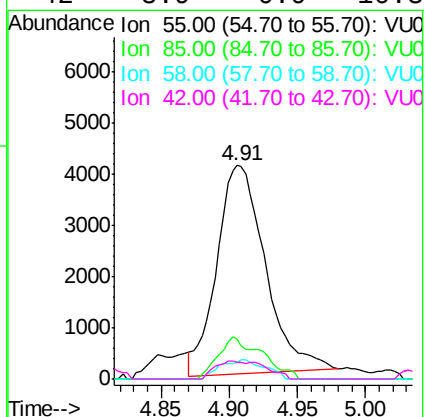
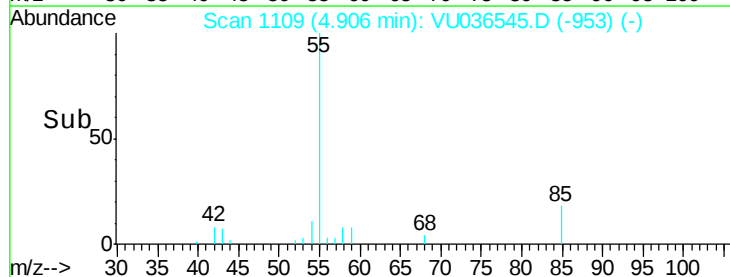
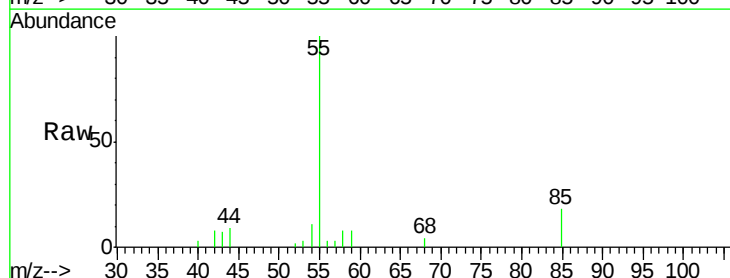
Ion Ratio Lower Upper

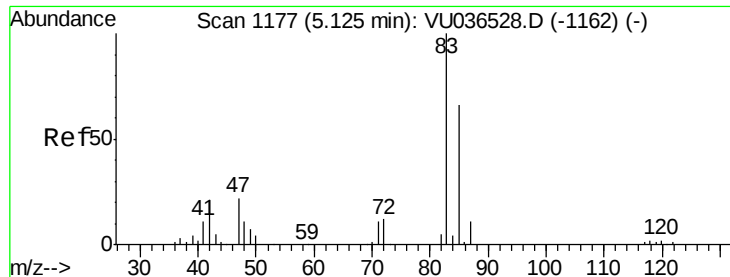
55 100

85 18.1 14.7 22.1

58 8.5 7.1 10.7

42 8.9 6.9 10.3





#41
Tetrahydrofuran
Concen: 3.984 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

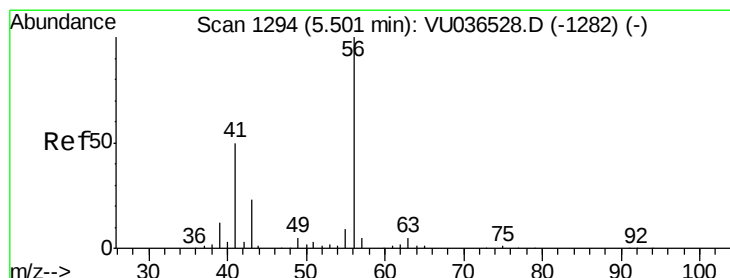
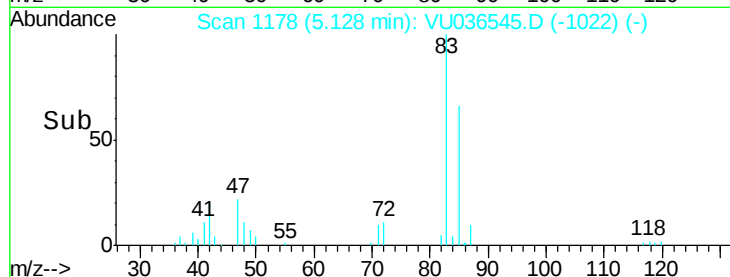
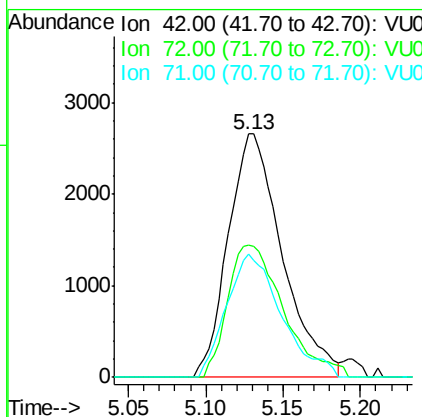
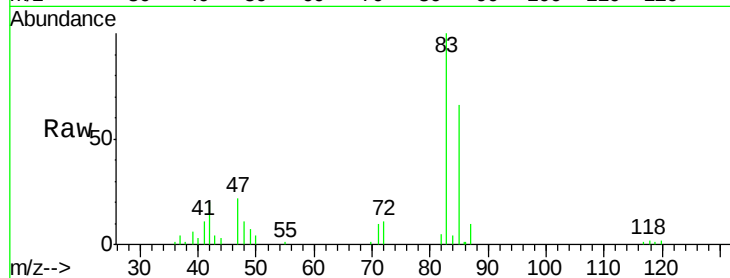
Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	56.0	42.5	63.7
71	51.4	37.3	55.9

Manual Integrations
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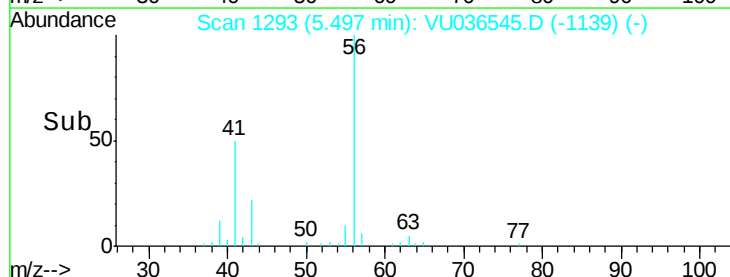
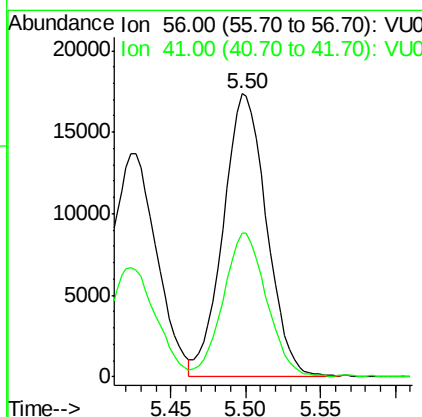
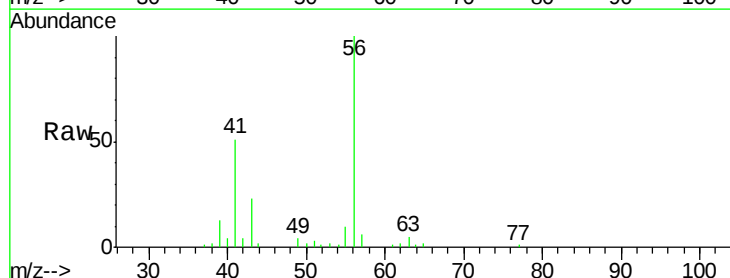
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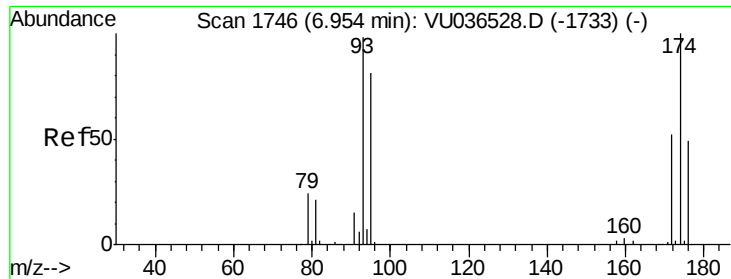
1/27/2020 1:46:52 PM



#42
1-Chlorobutane
Concen: 1.997 ug/l
RT: 5.50 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion	Ratio	Lower	Upper
56	100		
41	51.0	24.8	74.3





#43
 Dibromomethane
 Concen: 2.034 ug/l
 RT: 6.95 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

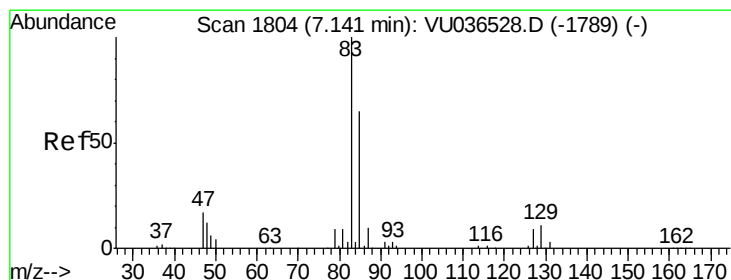
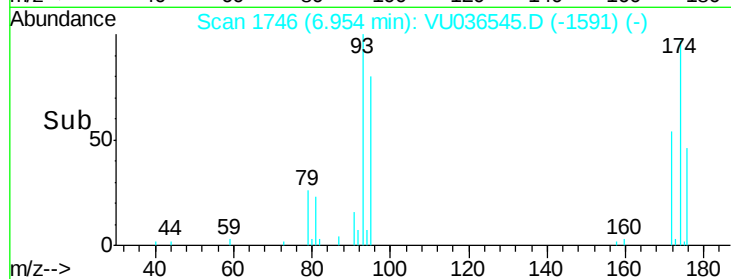
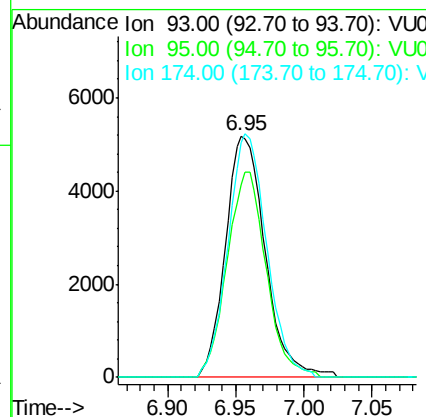
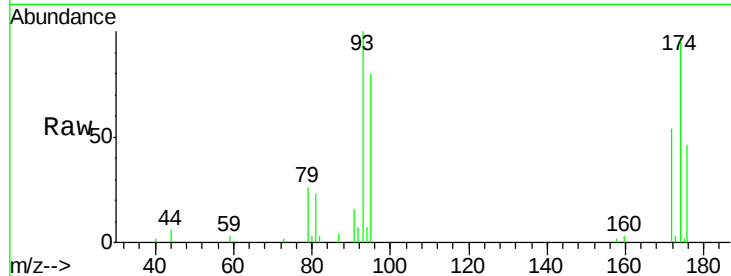
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS02

Tot Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.9	101.9
174	98.4	83.4	125.0

Manual Integrations
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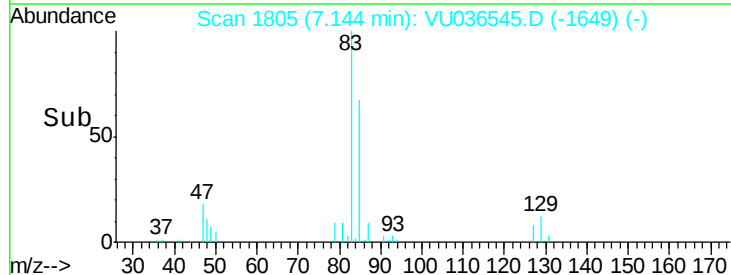
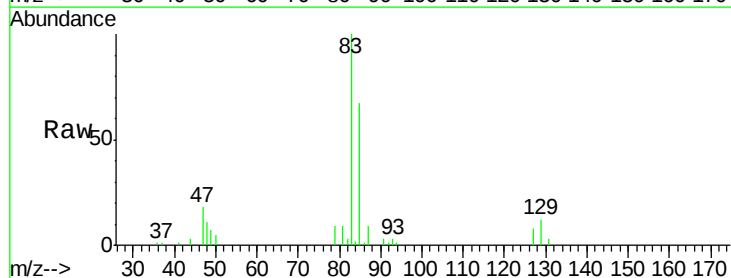
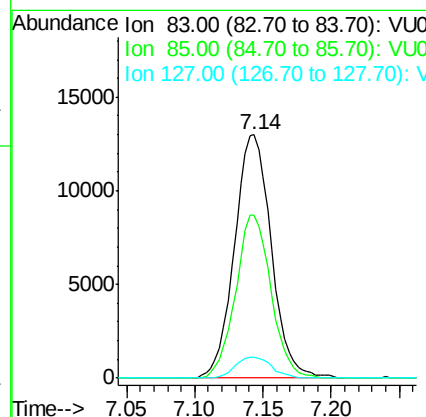
apatel

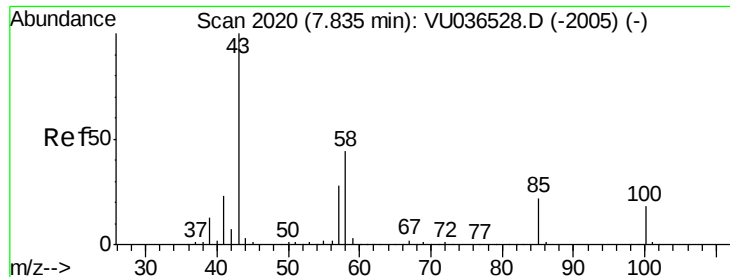
1/27/2020 1:46:52 PM



#44
 Bromodichloromethane
 Concen: 1.993 ug/l
 RT: 7.14 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.8	77.6
127	8.5	6.8	10.2





#45
4-Methyl-2-Pentanone
Concen: 10.107 ug/l
RT: 7.84 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

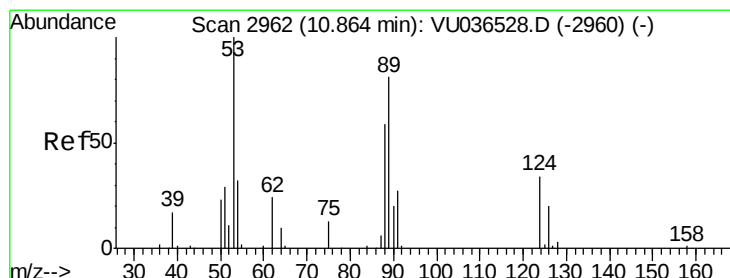
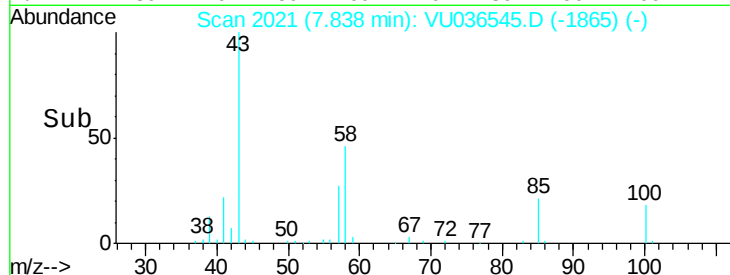
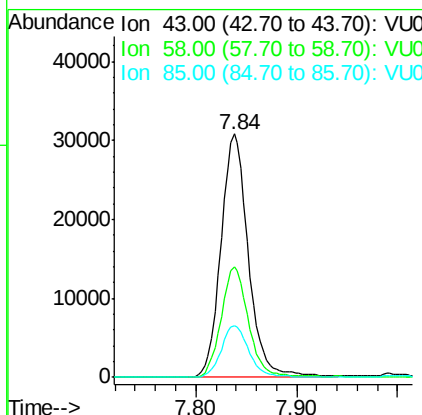
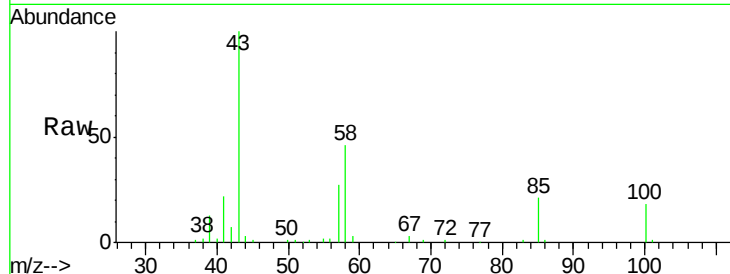
Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	45.0	22.1	66.1
85	21.3	17.4	26.0

Manual Integrations
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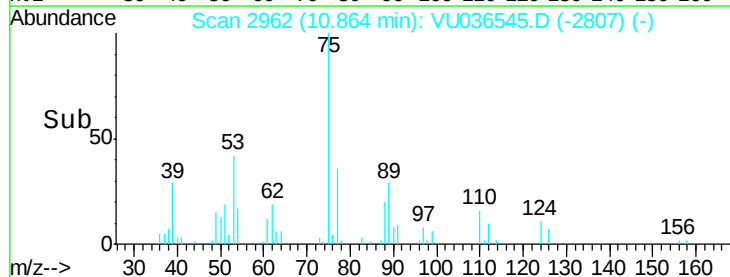
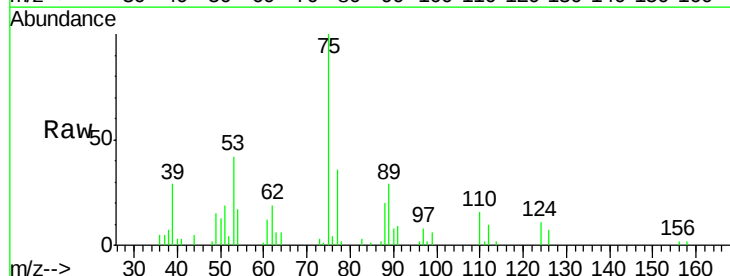
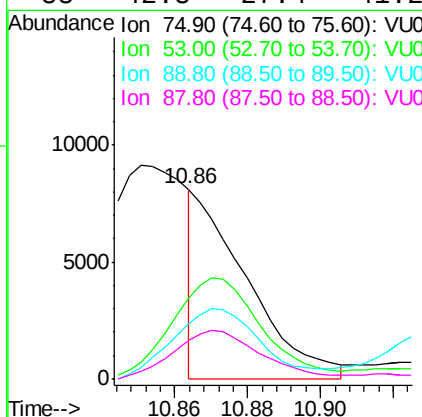
apatel

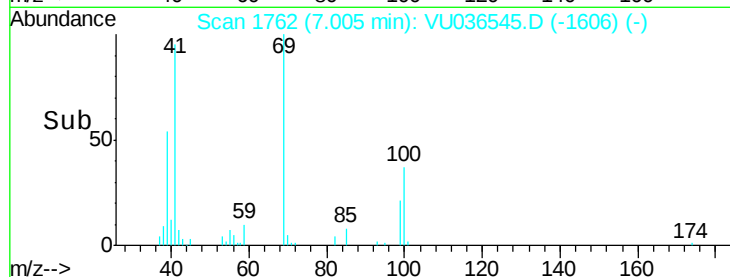
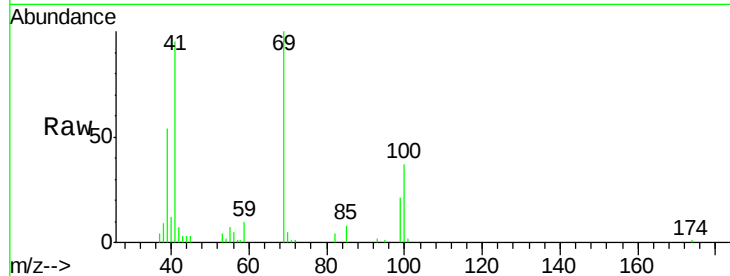
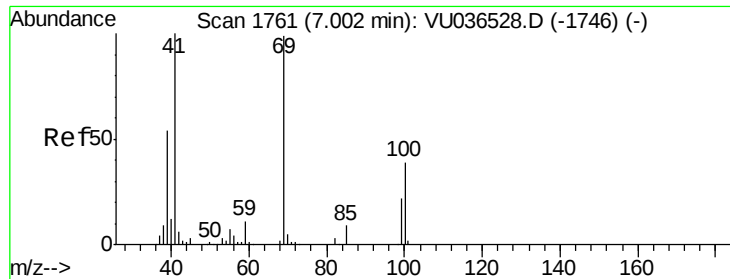
1/27/2020 1:46:52 PM



#46
t-1,4-Dichloro-2-butene
Concen: 3.168 ug/l m
RT: 10.86 min Scan# 2962
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

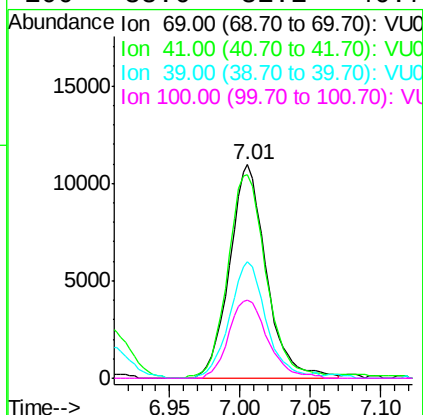
Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.9	52.2	78.2#
89	62.9	39.8	59.6#
88	42.8	27.4	41.2#





#47
Methyl methacrylate
Concen: 3.964 ug/l
RT: 7.01 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tot Ion	Ratio	Lower	Upper
69	100		
41	102.1	0.0	200.8
39	53.6	43.5	65.3
100	38.6	31.1	46.7

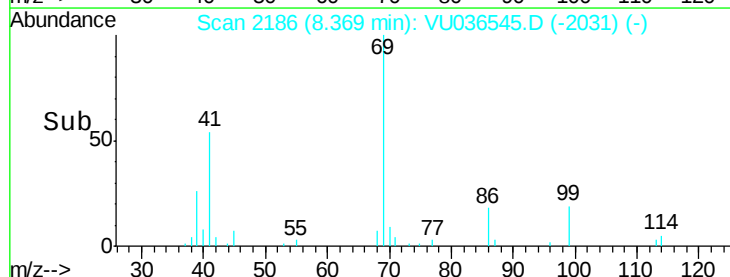
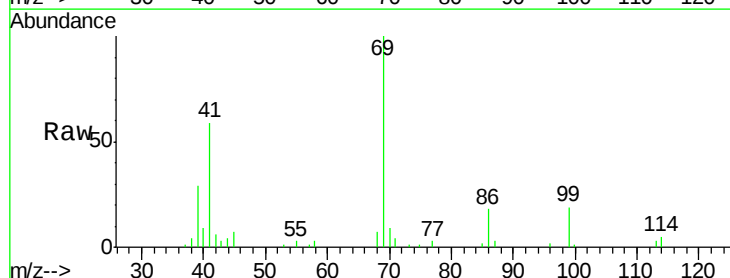
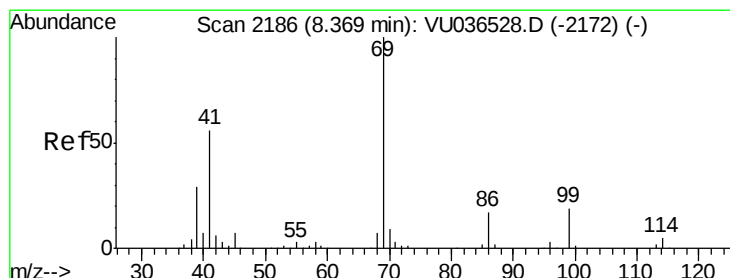


Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS02

Manual Integrations
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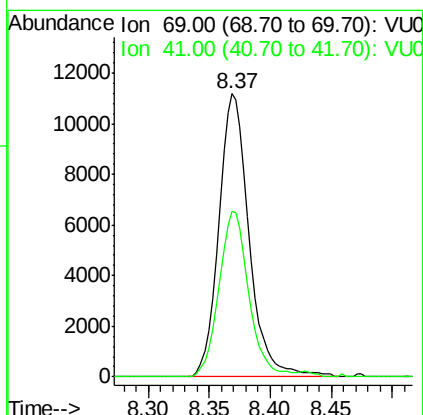
apatel

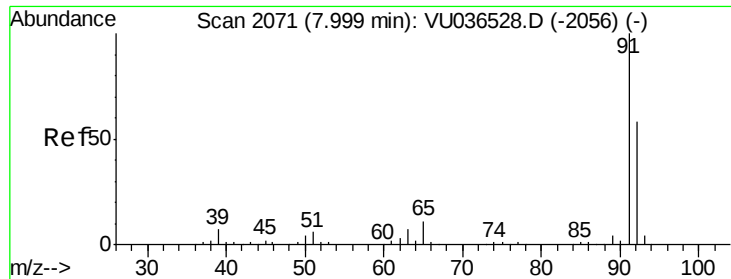
1/27/2020 1:46:52 PM



#48
Ethyl methacrylate
Concen: 1.997 ug/l
RT: 8.37 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.6	27.9	83.6





#49

Toluene

Concen: 1.999 ug/l

RT: 8.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS02

Tot Ion: 92 Resp: 50166

Ion Ratio Lower Upper

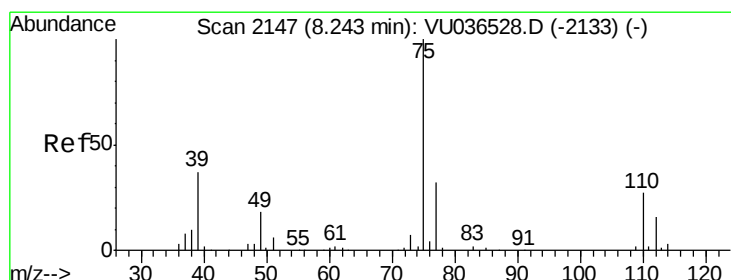
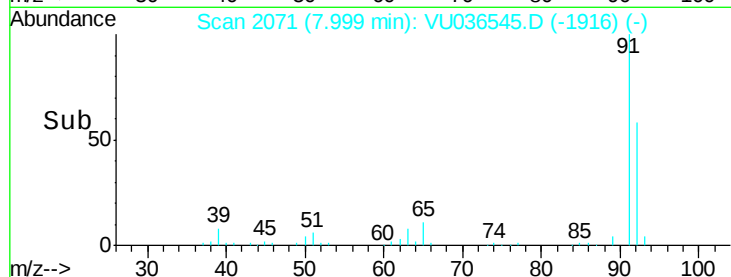
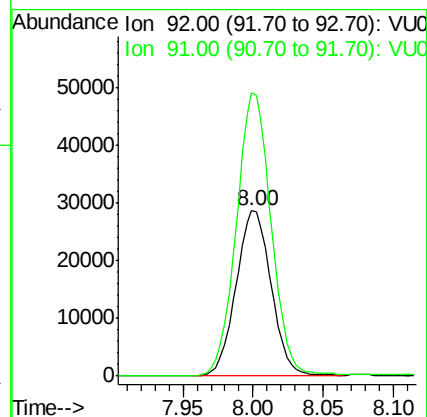
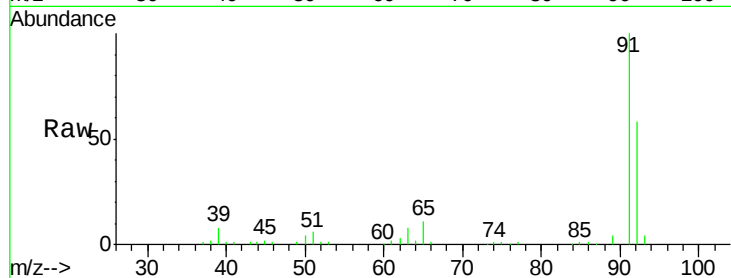
92 100

91 169.3 139.1 208.7

Manual Integrations
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#50

t-1,3-Dichloropropene

Concen: 1.947 ug/l

RT: 8.24 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VU036545.D

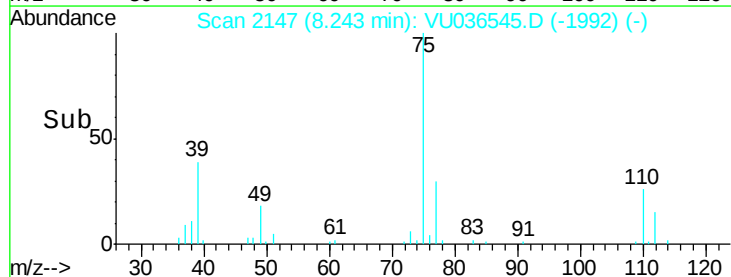
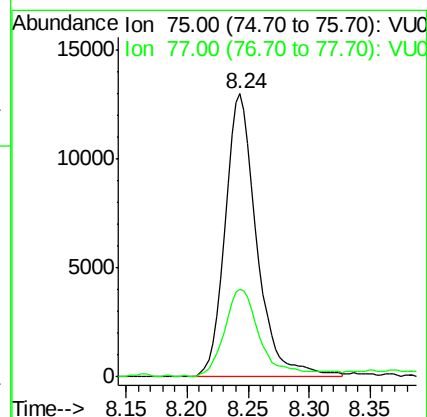
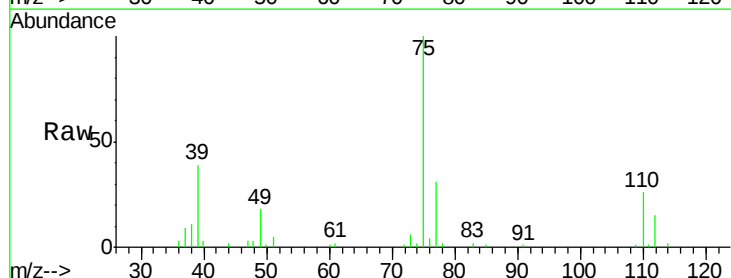
Acq: 23 Jan 2020 17:56

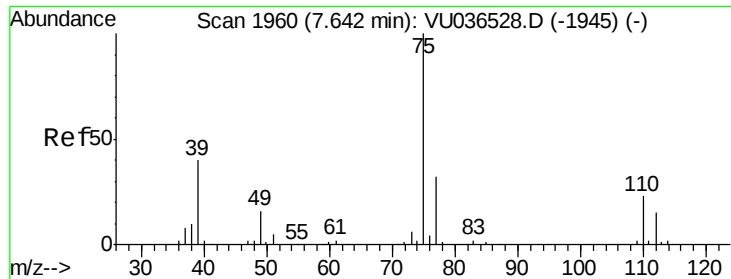
Tgt Ion: 75 Resp: 23683

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2





#51

cis-1,3-Dichloropropene
Concen: 1.967 ug/l
RT: 7.64 min Scan# 1960
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

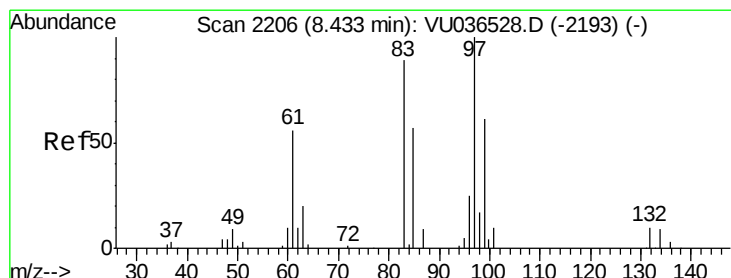
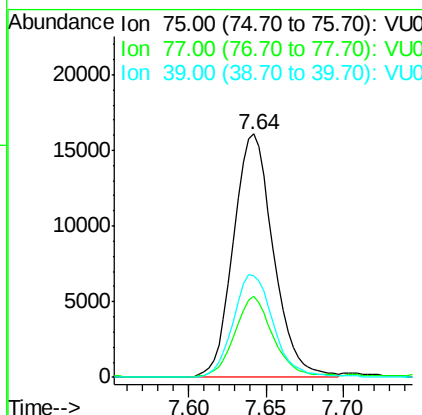
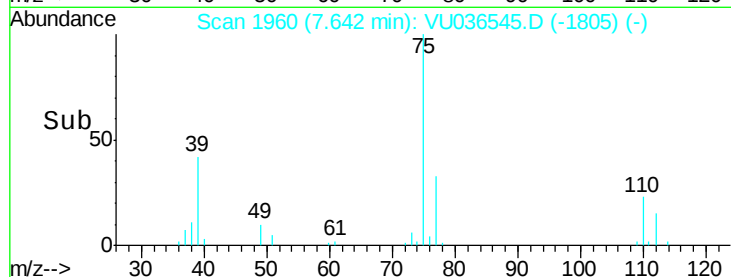
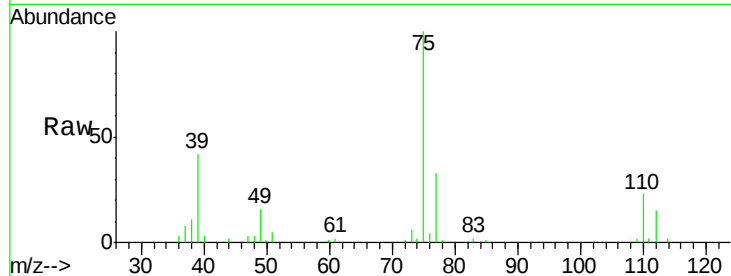
Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.3	37.9
39	41.9	31.8	47.6

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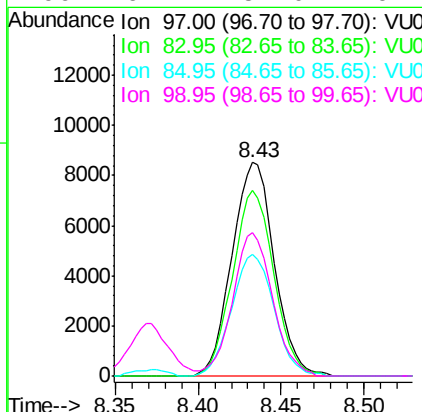
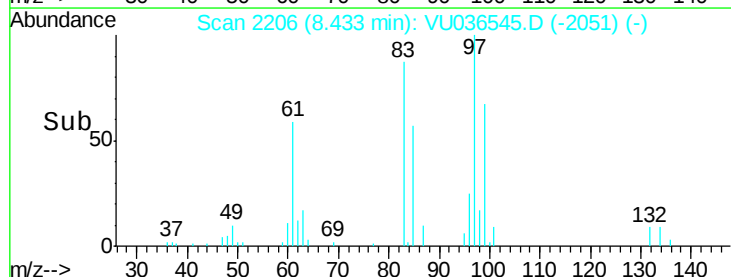
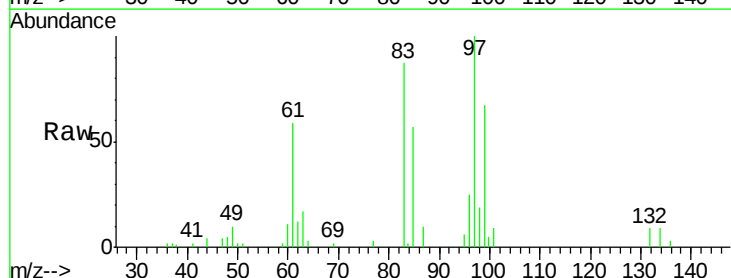
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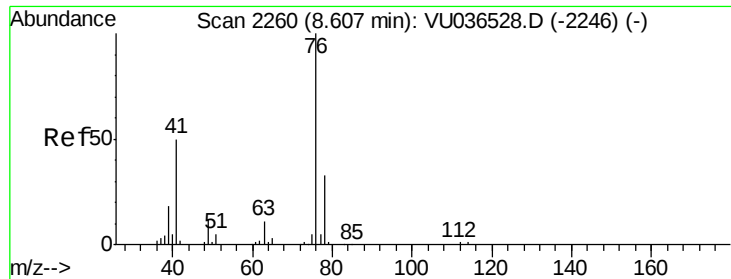


#52

1,1,2-Trichloroethane
Concen: 2.066 ug/l
RT: 8.43 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.9	106.3
85	56.7	45.6	68.4
99	67.2	51.0	76.4





#53
 1,3-Dichloropropane
 Concen: 2.029 ug/l
 RT: 8.61 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

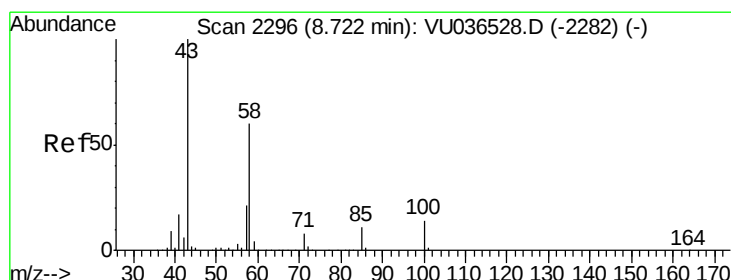
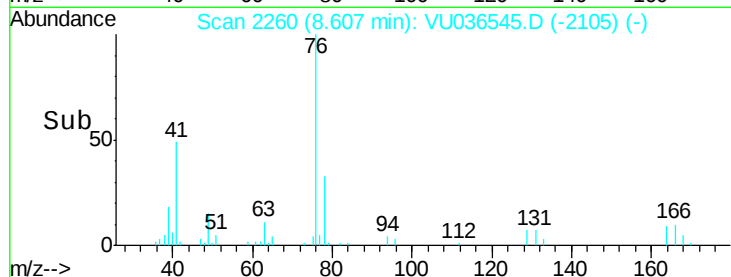
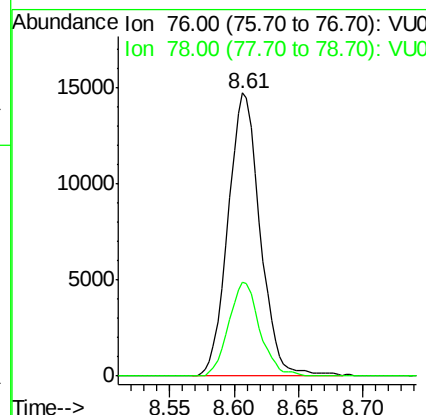
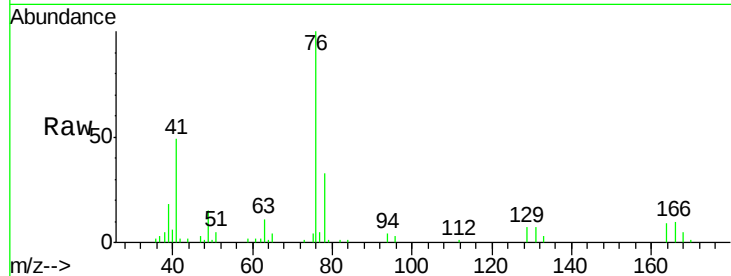
Instrument :
 MSVOA_U
 ClientSampled :
 VU0123WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.4	38.2

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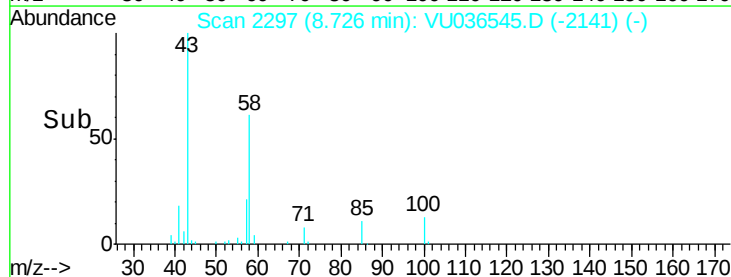
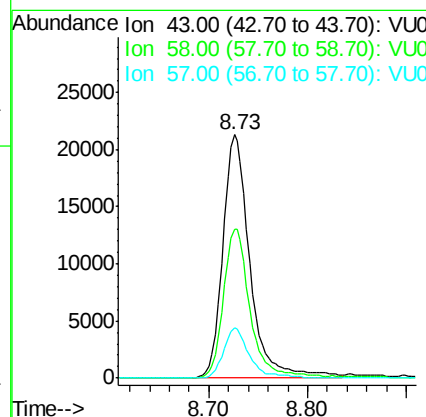
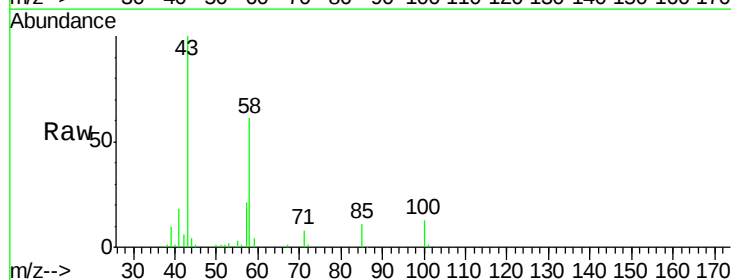
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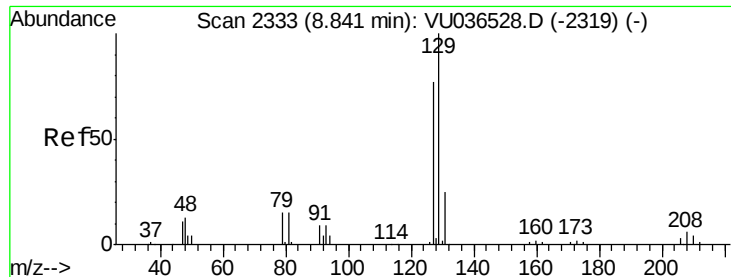
1/27/2020 1:46:52 PM



#54
 2-Hexanone
 Concen: 10.128 ug/l
 RT: 8.73 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion	Ratio	Lower	Upper
43	100		
58	60.2	40.6	80.6
57	19.6	1.2	41.2





#55

Dibromochloromethane

Concen: 1.933 ug/l

RT: 8.84 min Scan# 2332

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS02

Tot Ion:129 Resp: 16296

Ion Ratio Lower Upper

129 100

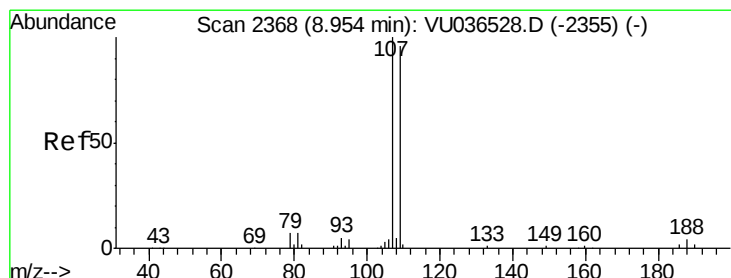
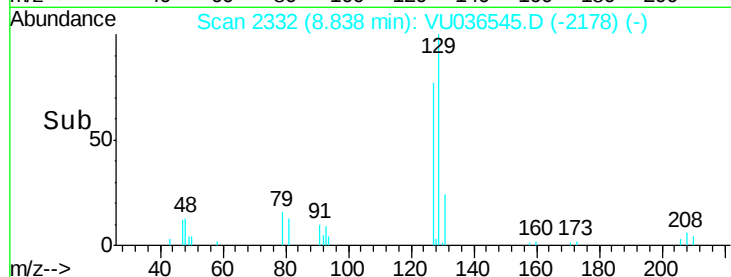
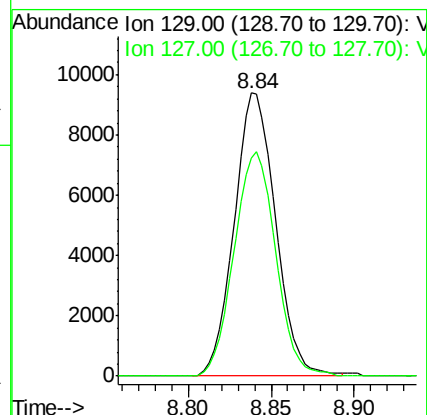
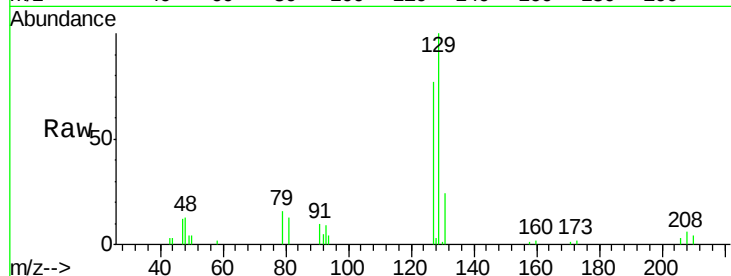
127 79.6 62.6 94.0

Manual Integrations

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#56

1,2-Dibromoethane

Concen: 1.976 ug/l

RT: 8.96 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VU036545.D

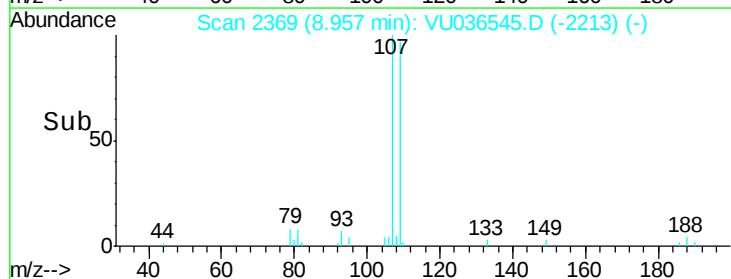
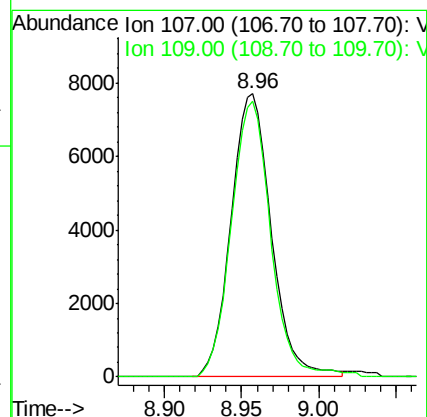
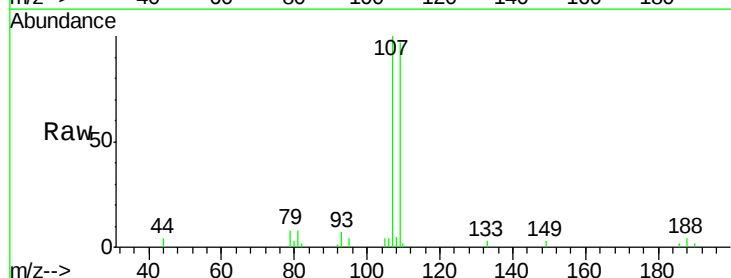
Acq: 23 Jan 2020 17:56

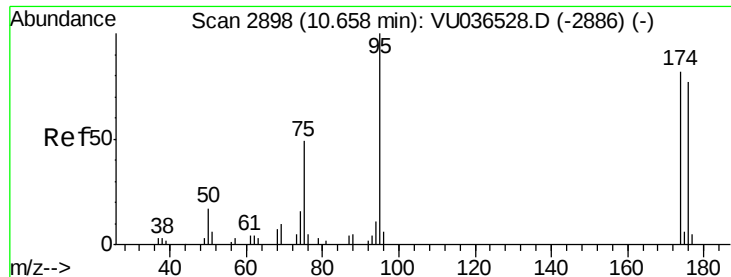
Tgt Ion:107 Resp: 13929

Ion Ratio Lower Upper

107 100

109 94.9 0.0 190.8





#57
4-Bromofluorobenzene
Concen: 0.995 ug/l
RT: 10.66 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

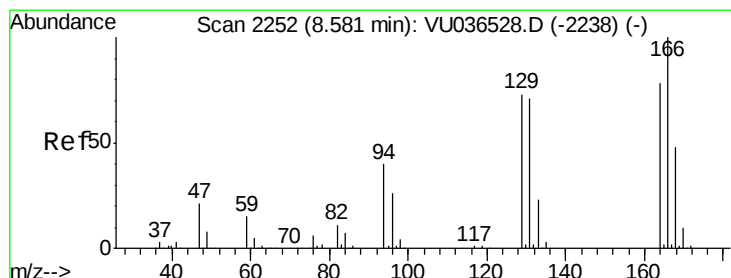
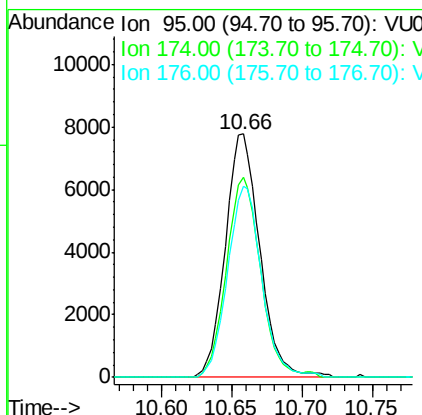
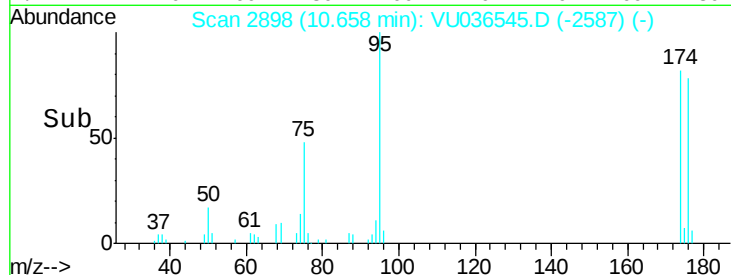
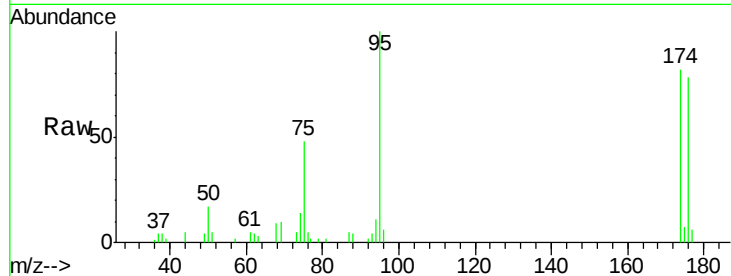
Instrument :
MSVOA_U
ClientSampled :
VU0123WBS02

Tot Ion	Ratio	Lower	Upper
95	100		
174	80.6	64.7	97.1
176	77.7	60.6	91.0

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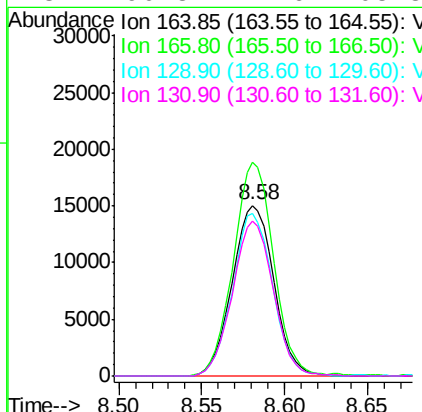
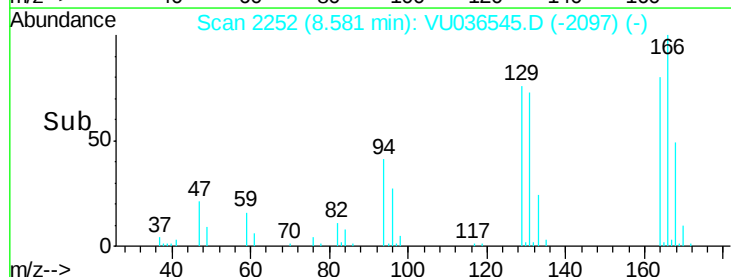
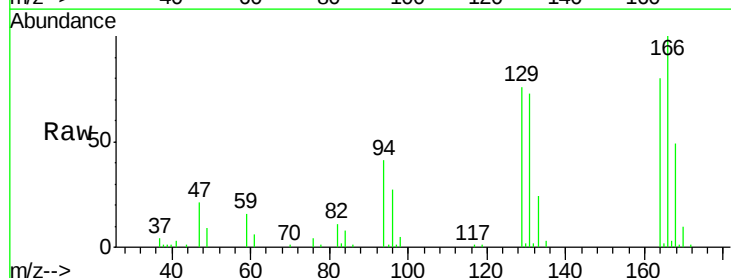
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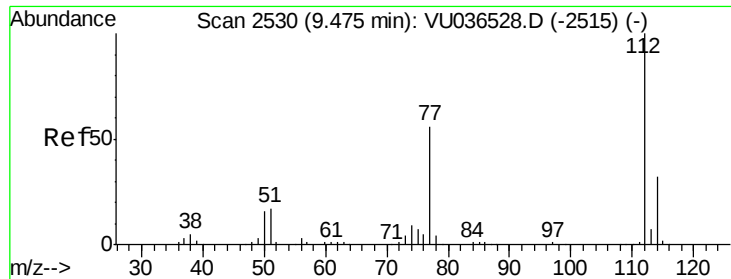
1/27/2020 1:46:52 PM



#58
Tetrachloroethene
Concen: 2.410 ug/l
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	102.0	153.0
129	95.2	74.9	112.3
131	90.8	72.6	108.8





#59
Chlorobenzene
Concen: 1.981 ug/l
RT: 9.47 min Scan# 2530
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

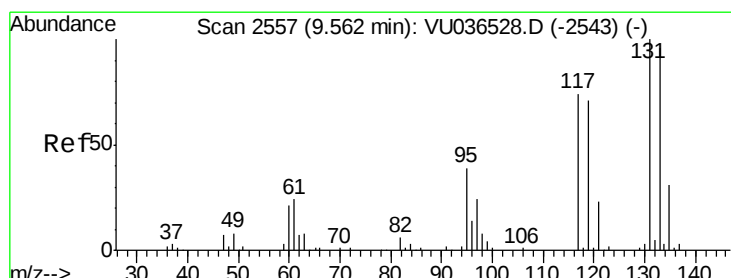
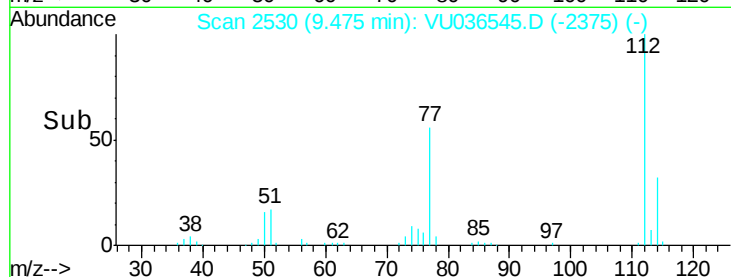
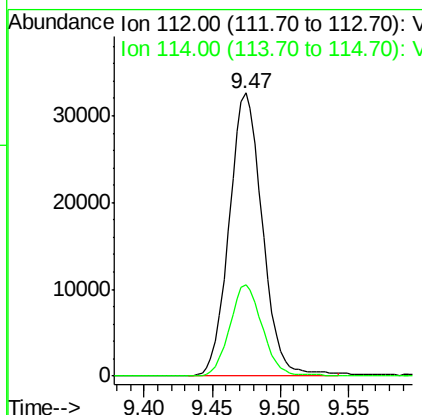
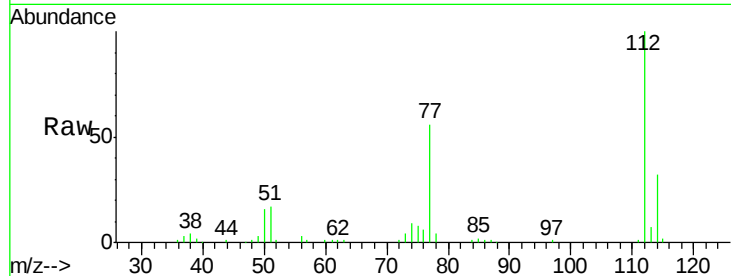
Instrument :
MSVOA_U
ClientSampled :
VU0123WBS02

Tot Ion:112 Resp: 55382
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8

Manual Integrations
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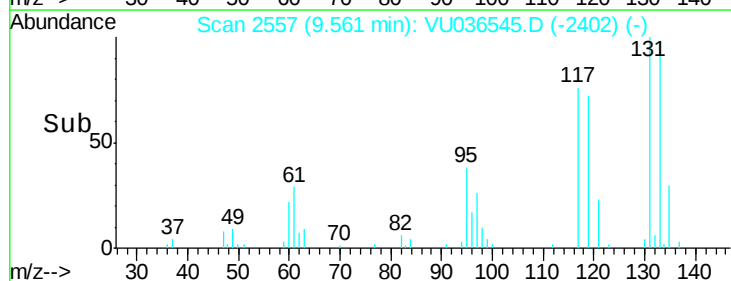
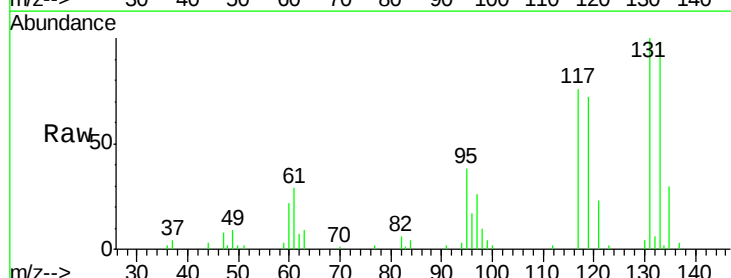
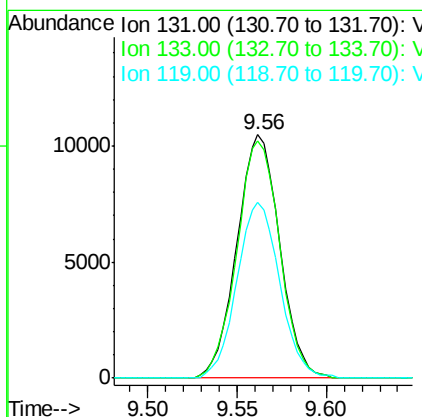
apatel

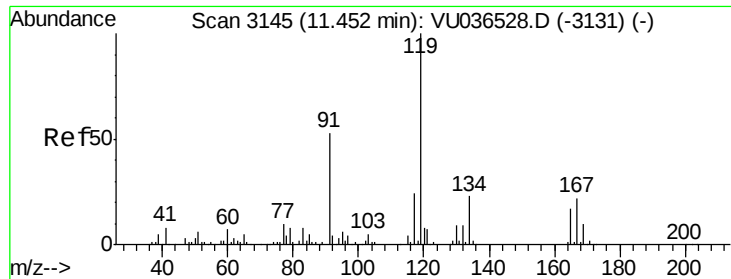
1/27/2020 1:46:52 PM



#60
1,1,1,2-Tetrachloroethane
Concen: 1.961 ug/l
RT: 9.56 min Scan# 2557
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion:131 Resp: 17513
Ion Ratio Lower Upper
131 100
133 97.6 76.4 114.6
119 72.2 56.6 85.0





#61
 Pentachloroethane
 Concen: 1.383 ug/l
 RT: 11.45 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

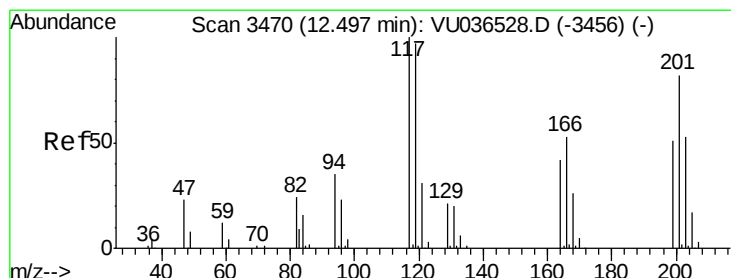
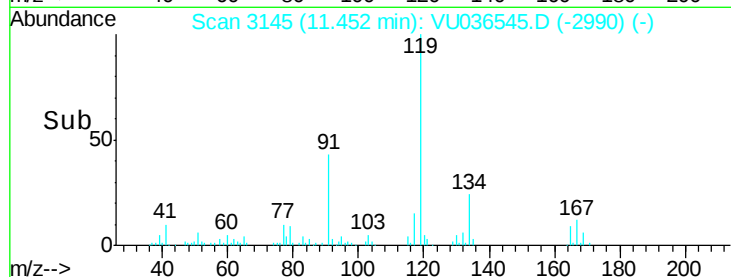
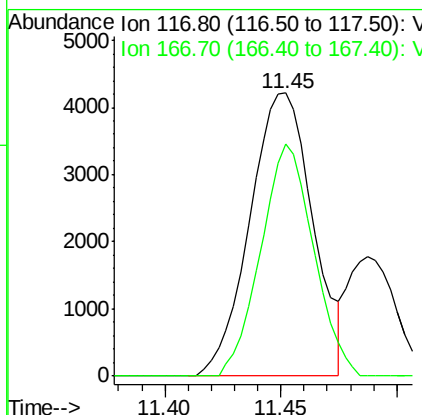
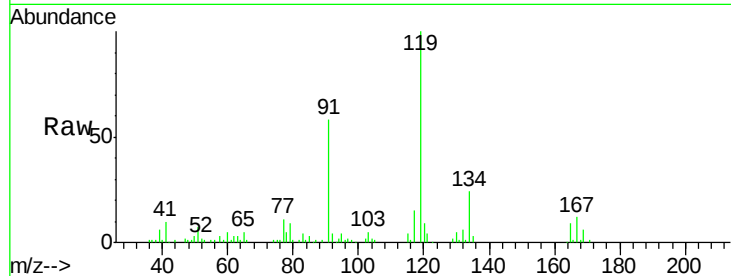
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS02

Tot Ion:117 Resp: 7965
 Ion Ratio Lower Upper
 117 100
 167 68.6 66.7 100.1

Manual Integrations
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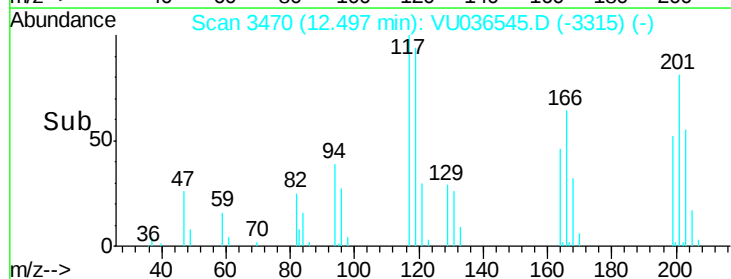
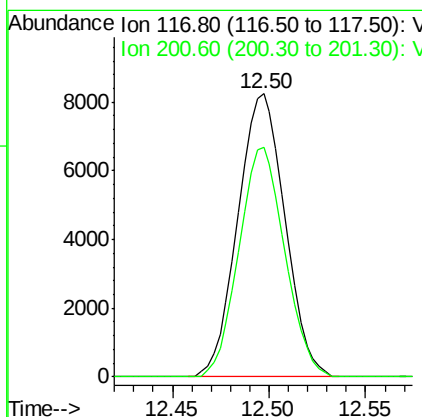
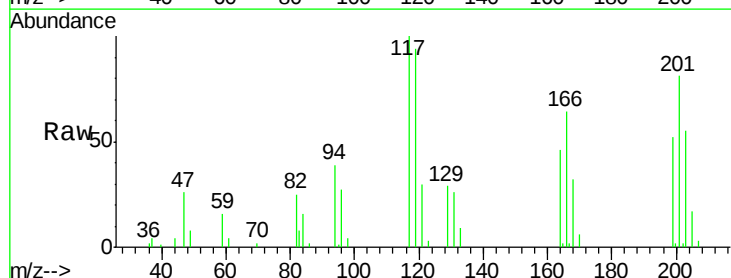
apatel

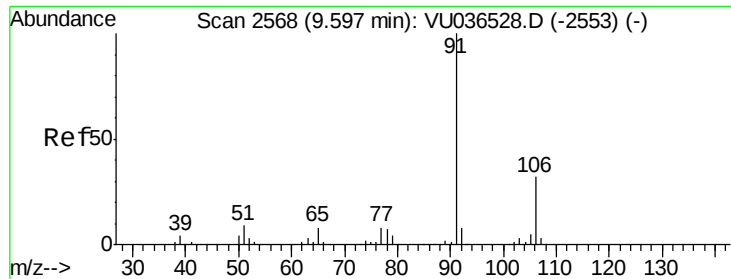
1/27/2020 1:46:52 PM



#62
 Hexachloroethane
 Concen: 1.901 ug/l
 RT: 12.50 min Scan# 3470
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion:117 Resp: 13958
 Ion Ratio Lower Upper
 117 100
 201 78.9 65.0 97.4





#63
Ethyl Benzene
Concen: 1.961 ug/l
RT: 9.60 min Scan# 2568
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

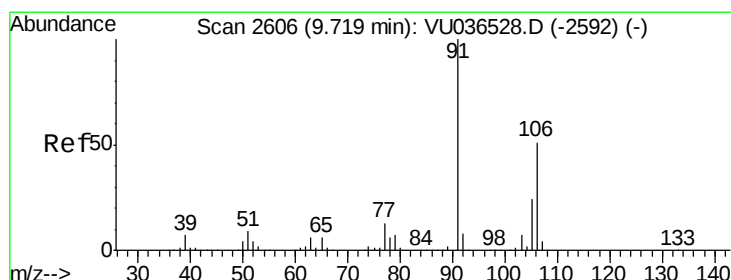
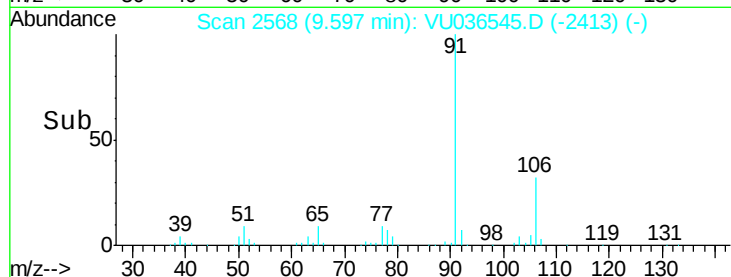
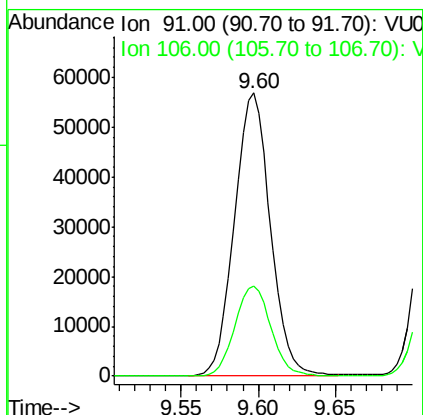
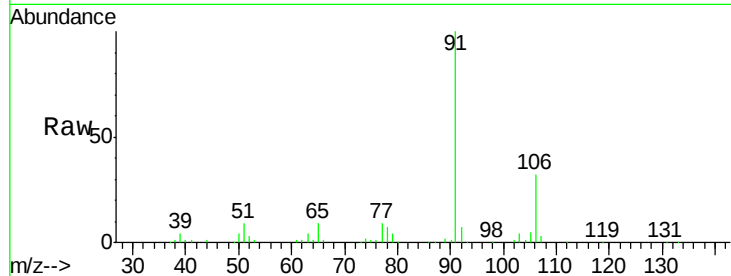
Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS02

Tot Ion: 91 Resp: 91884
Ion Ratio Lower Upper
91 100
106 32.0 26.0 39.0

Manual Integrations
APPROVED

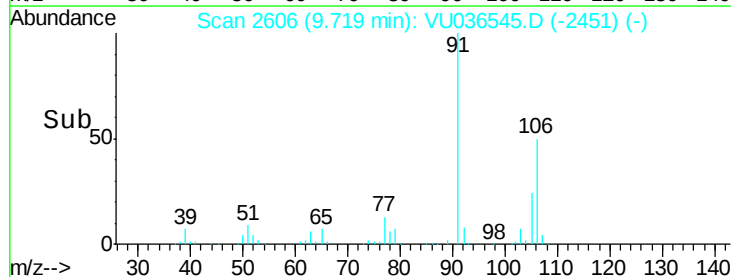
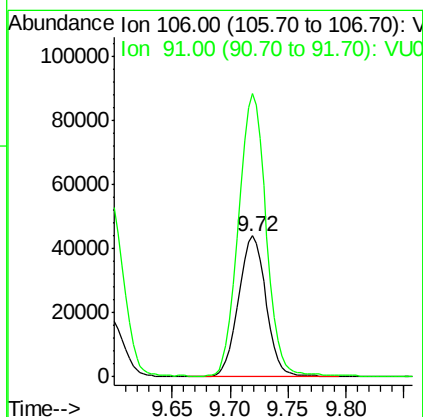
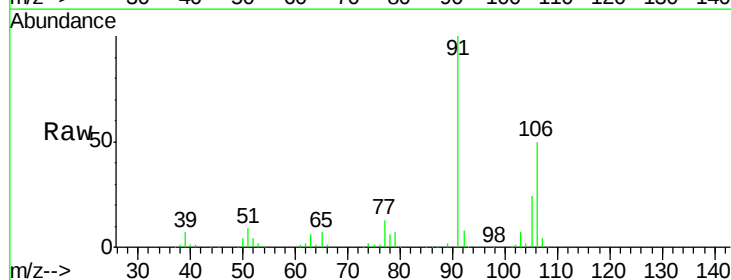
apatel

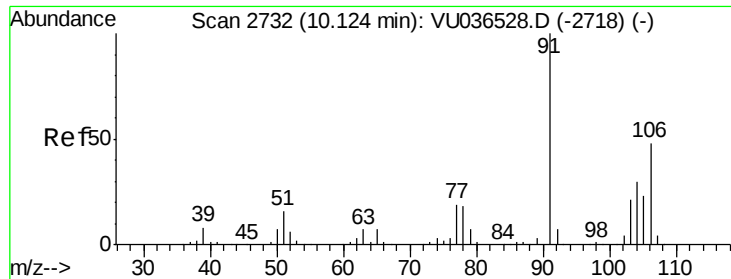
1/27/2020 1:46:52 PM



#64
m/p-Xylenes
Concen: 3.927 ug/l
RT: 9.72 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion: 106 Resp: 72830
Ion Ratio Lower Upper
106 100
91 198.3 158.2 237.4





#65
o-Xylene
Concen: 1.998 ug/l
RT: 10.12 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

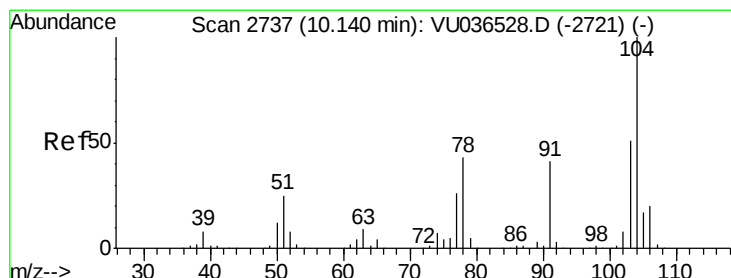
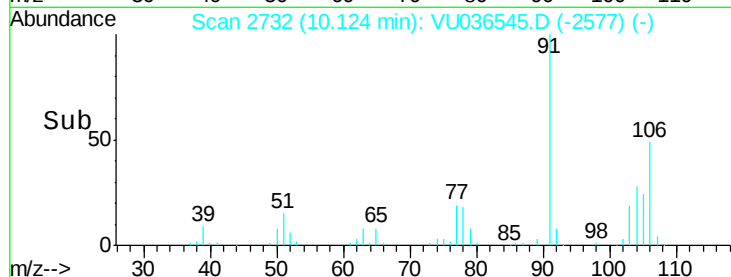
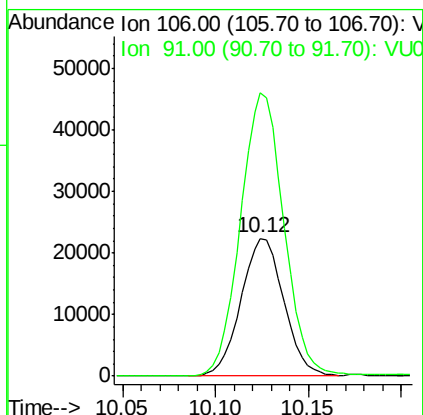
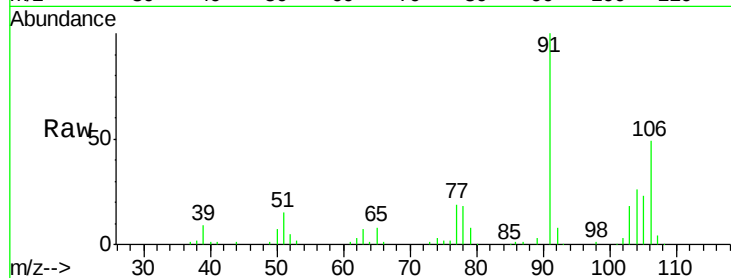
Instrument :
MSVOA_U
ClientSampled :
VU0123WBS02

Tot Ion:106 Resp: 35877
Ion Ratio Lower Upper
106 100
91 208.9 104.3 312.9

Manual Integrations
APPROVED

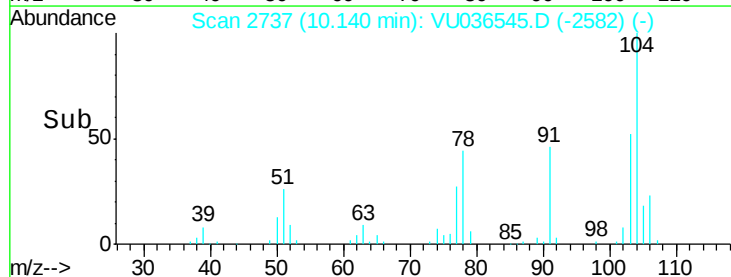
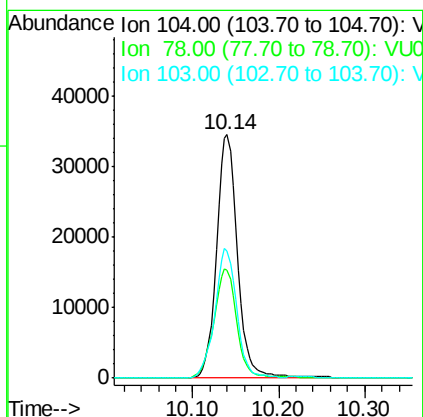
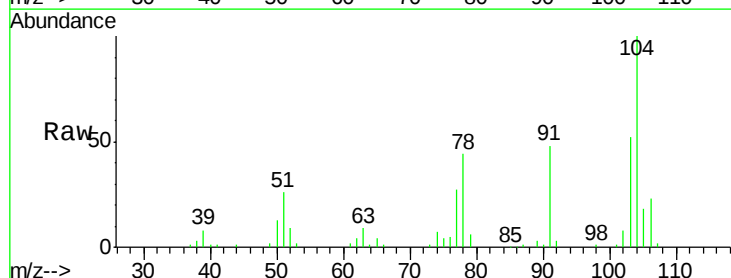
apatel

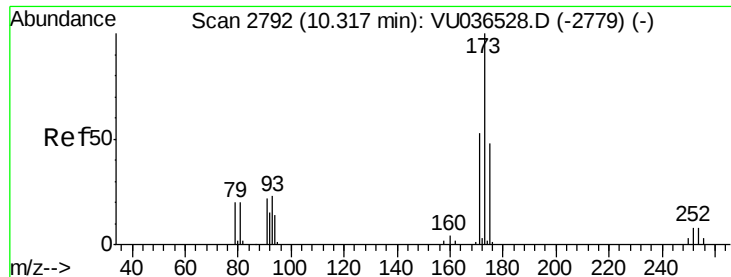
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#66
Styrene
Concen: 1.960 ug/l
RT: 10.14 min Scan# 2737
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion:104 Resp: 58959
Ion Ratio Lower Upper
104 100
78 49.3 38.6 57.8
103 55.5 44.4 66.6





#67
Bromoform
Concen: 1.932 ug/l
RT: 10.32 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

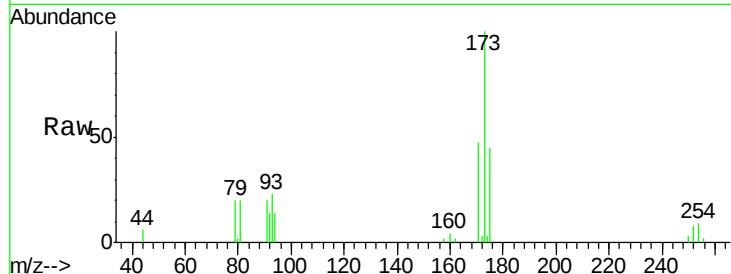
Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.3	57.5
254	8.3	6.6	9.8

Manual Integrations
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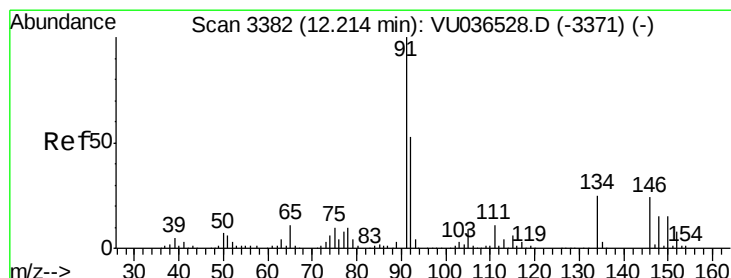
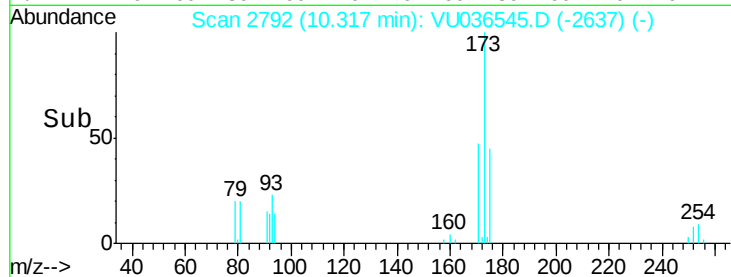
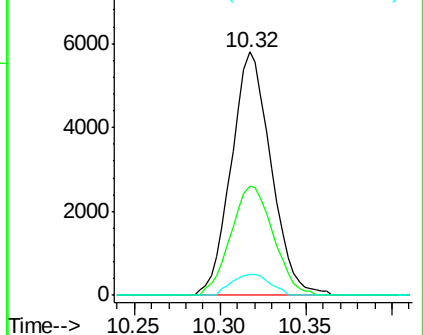


Abundance

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: 0.975 ug/l
RT: 12.21 min Scan# 3382
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

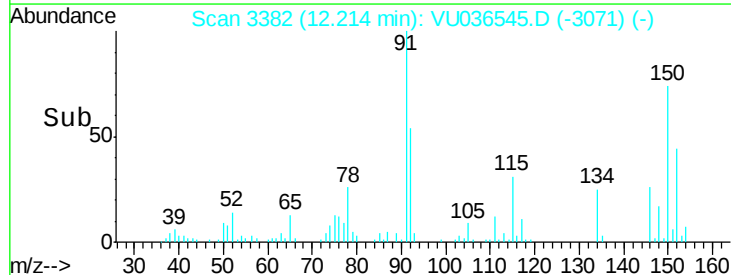
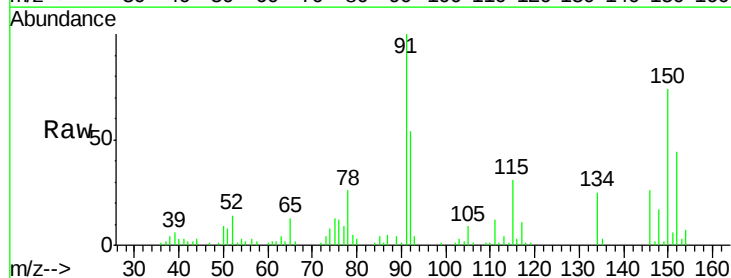
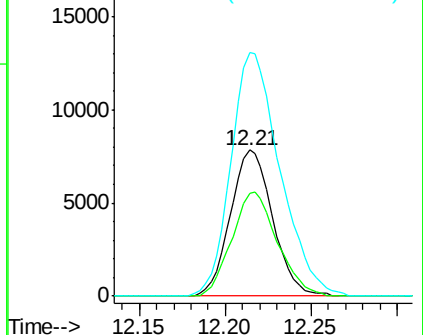
Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.3	0.0	241.8
150	193.4	0.0	652.4

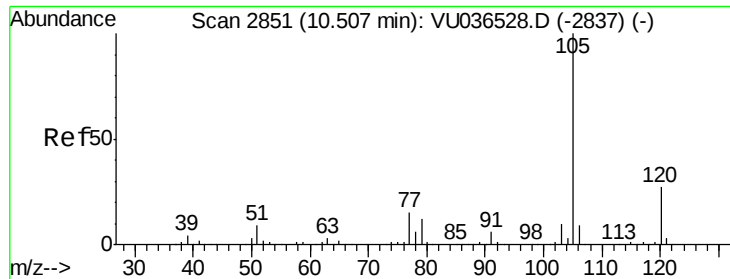
Abundance

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: 2.018 ug/l

RT: 10.51 min Scan# 2851

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS02

Tot Ion: 105 Resp: 95215

Ion Ratio Lower Upper

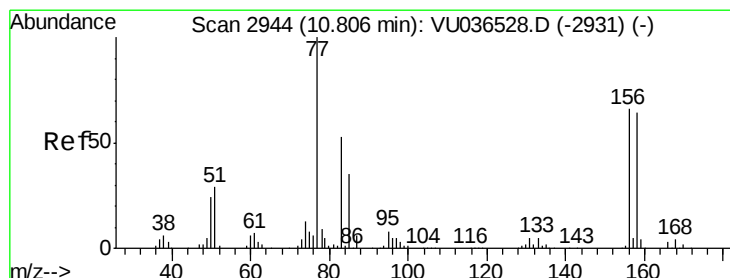
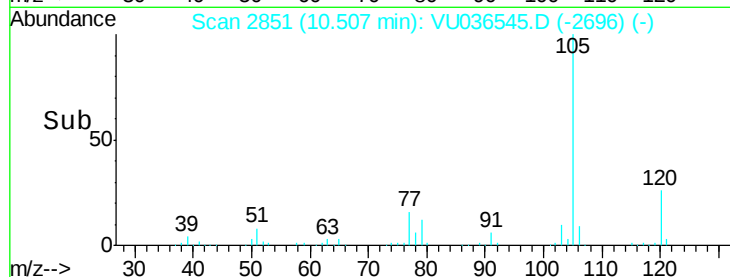
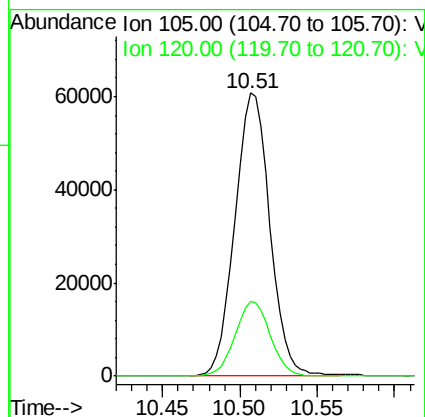
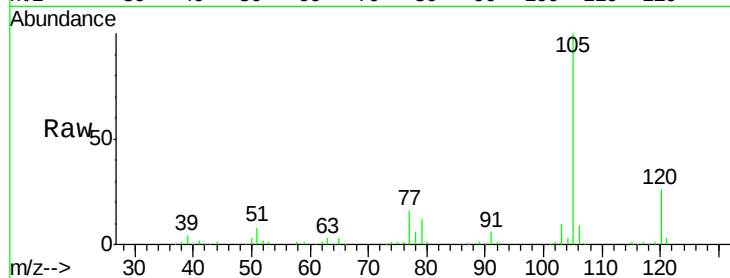
105 100

120 26.5 13.6 40.7

Manual Integrations
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#70

1,1,2,2-Tetrachloroethane

Concen: 2.028 ug/l

RT: 10.81 min Scan# 2944

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

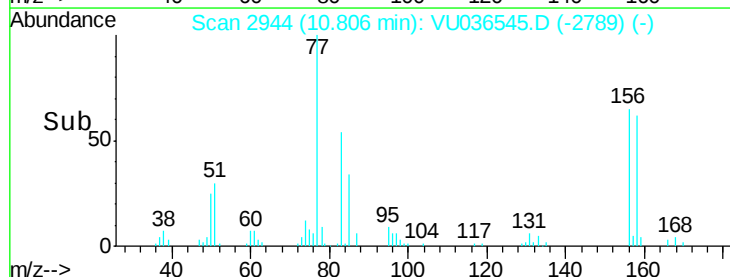
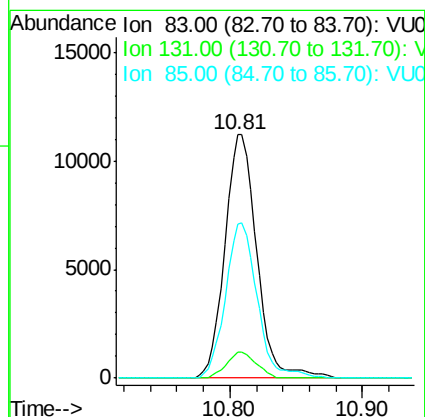
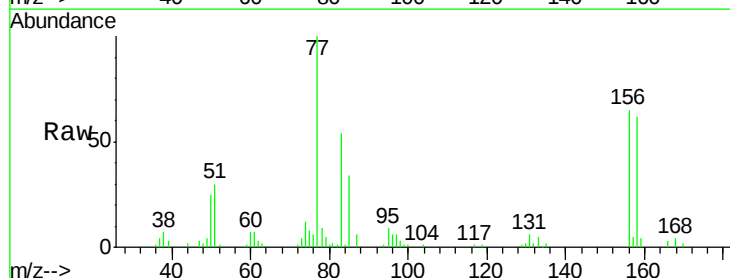
Tgt Ion: 83 Resp: 18732

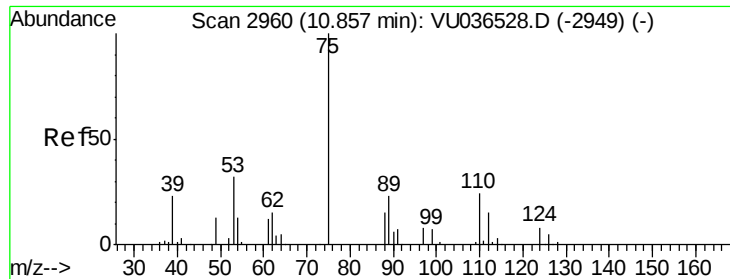
Ion Ratio Lower Upper

83 100

131 9.9 7.8 11.8

85 63.3 53.2 79.8





#71
1,2,3-Trichloropropane
Concen: 2.094 ug/l m
RT: 10.85 min Scan# 2958
Delta R.T. -0.01 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

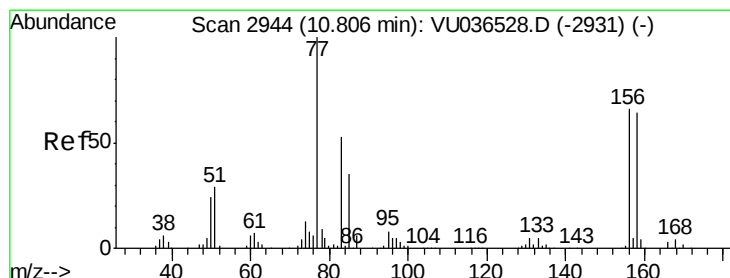
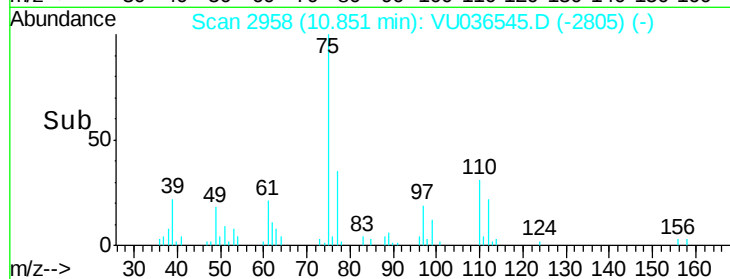
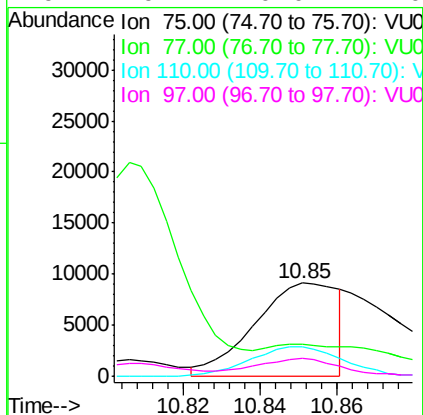
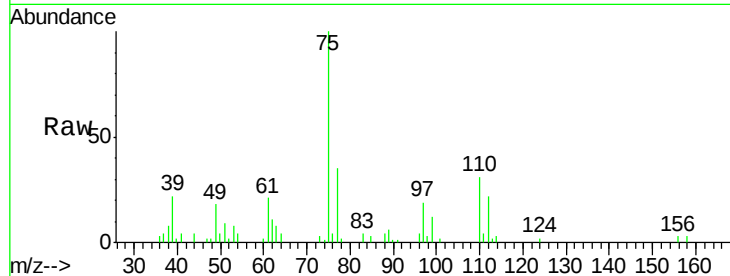
Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS02

Tot Ion:	75	Resp:	13803
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	129.6
110	35.2	0.0	77.4
97	19.7	0.0	42.0

Manual Integrations
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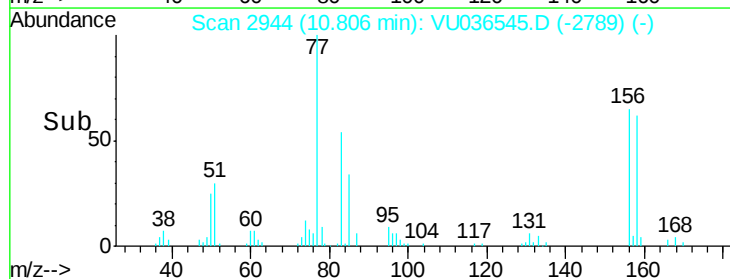
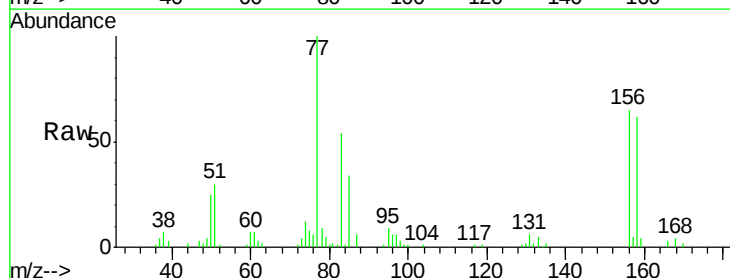
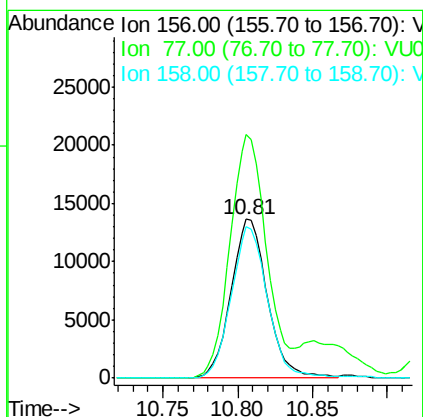
apatel

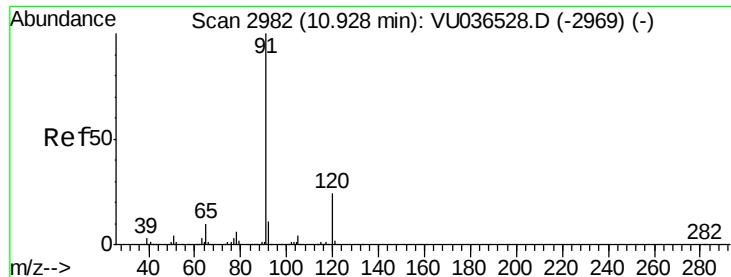
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#72
Bromobenzene
Concen: 2.028 ug/l
RT: 10.81 min Scan# 2944
Delta R.T. -0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion:	156	Resp:	23052
Ion Ratio	Lower	Upper	
156	100		
77	155.6	0.0	306.6
158	95.9	0.0	192.0





#73

n-propylbenzene

Concen: 2.013 ug/l

RT: 10.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampled :

VU0123WBS02

Tot Ion:120 Resp: 26648

Ion Ratio Lower Upper

120 100

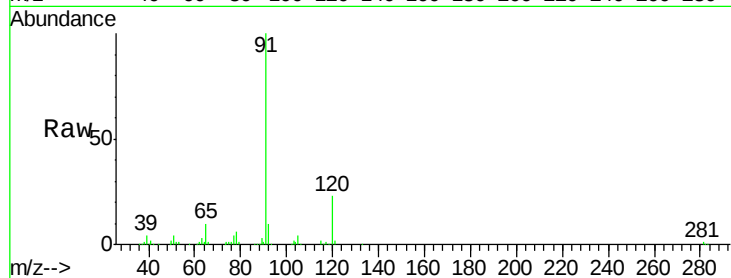
91 417.9 329.5 494.3

Manual Integrations

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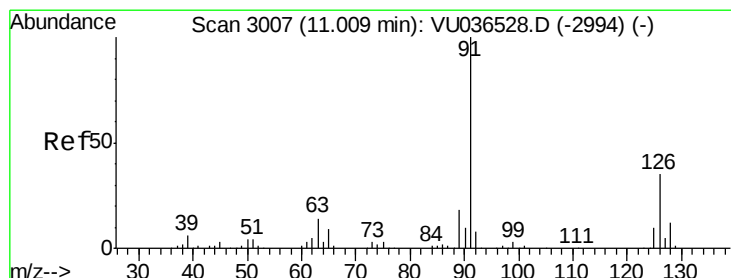
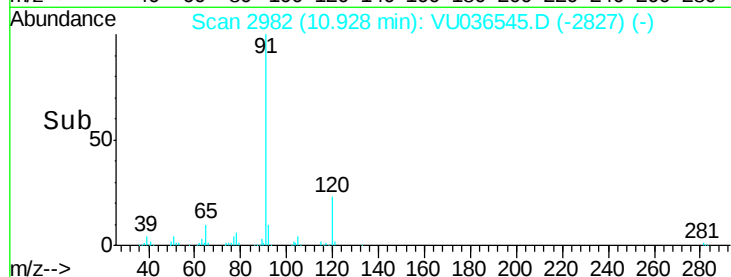
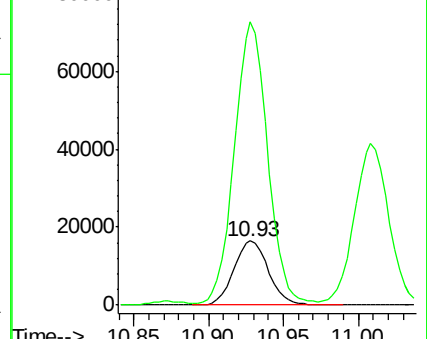
apatel

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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: 1.974 ug/l

RT: 11.01 min Scan# 3007

Delta R.T. -0.00 min

Lab File: VU036545.D

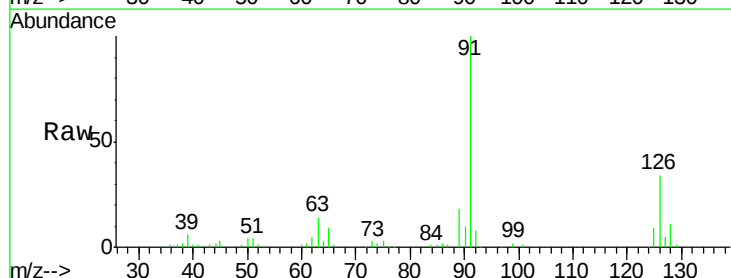
Acq: 23 Jan 2020 17:56

Tgt Ion:126 Resp: 22447

Ion Ratio Lower Upper

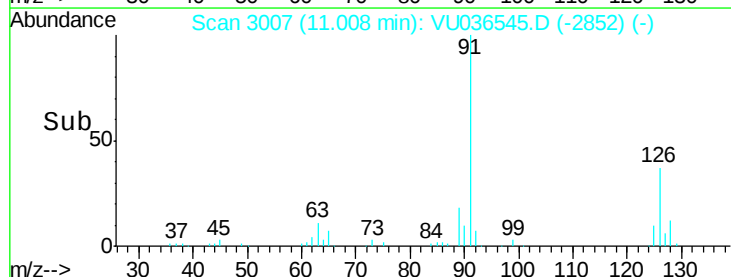
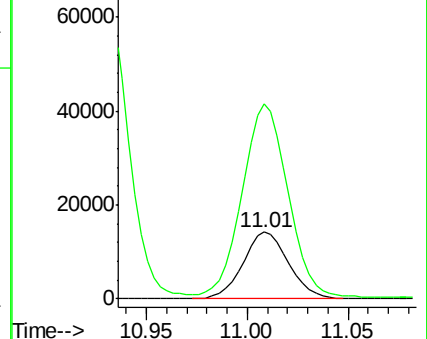
126 100

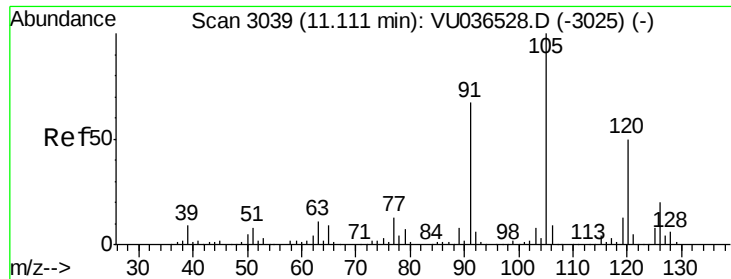
91 294.5 0.0 567.4



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: 2.001 ug/l

RT: 11.11 min Scan# 3039

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

VU0123WBS02

Tot Ion:105 Resp: 80976

Ion Ratio Lower Upper

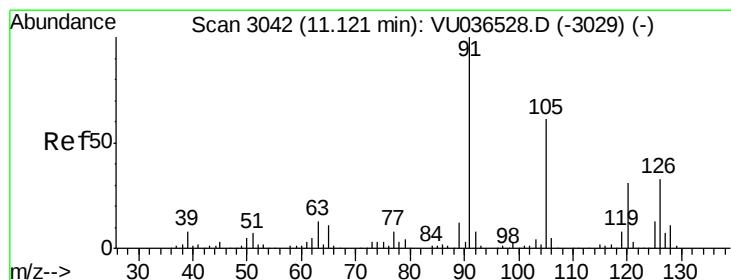
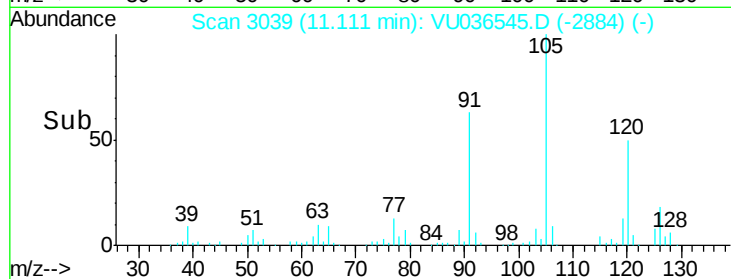
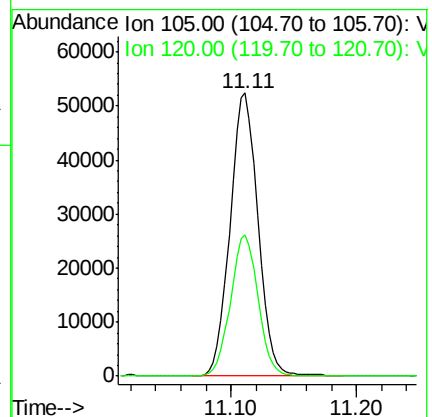
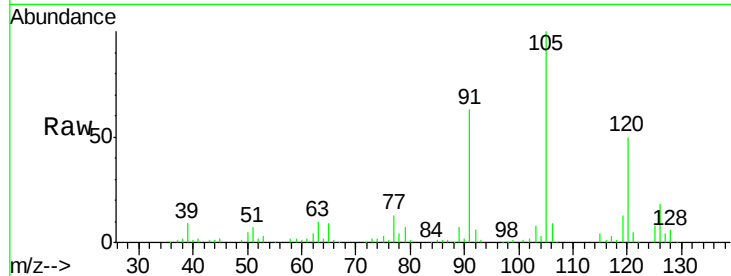
105 100

120 49.1 39.8 59.8

Manual Integrations
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#76

4-Chlorotoluene

Concen: 1.992 ug/l

RT: 11.12 min Scan# 3042

Delta R.T. -0.00 min

Lab File: VU036545.D

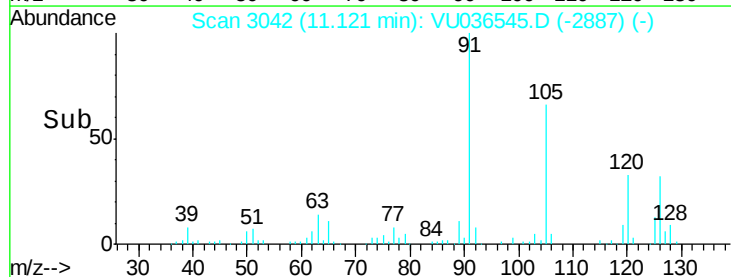
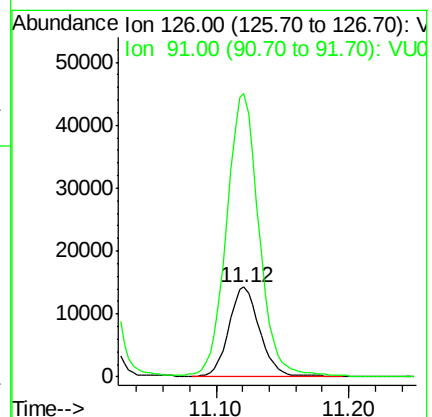
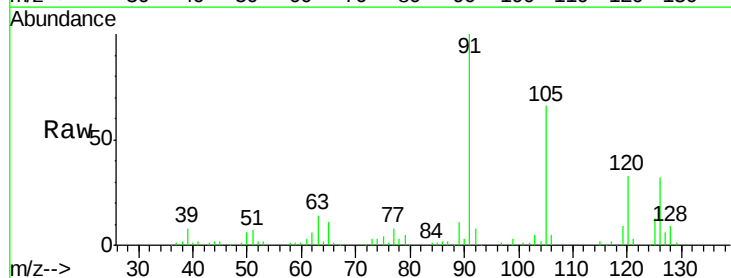
Acq: 23 Jan 2020 17:56

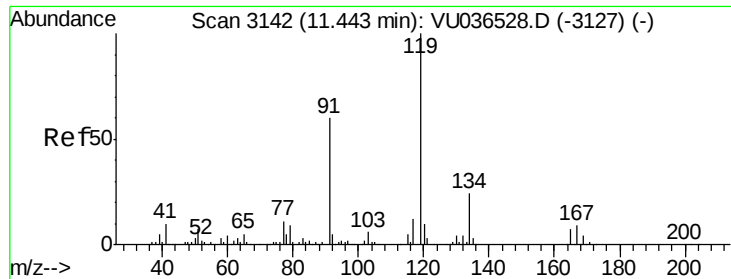
Tgt Ion:126 Resp: 23406

Ion Ratio Lower Upper

126 100

91 328.5 0.0 633.0





#77

tert-Butylbenzene

Concen: 1.928 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

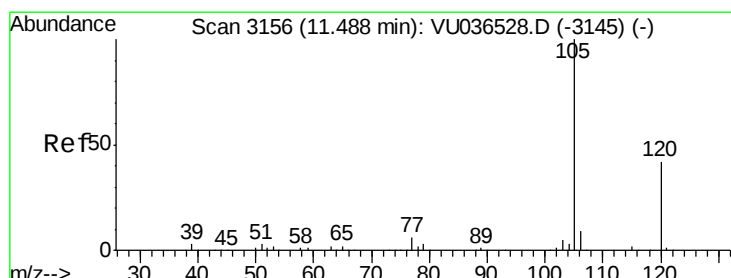
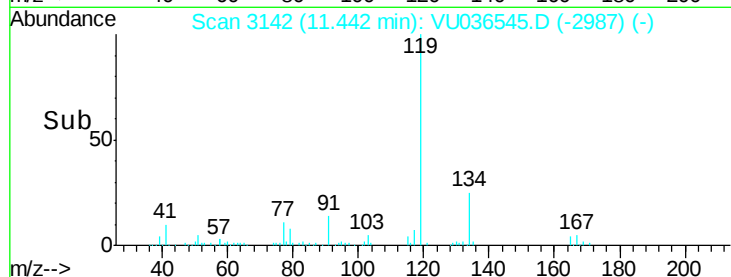
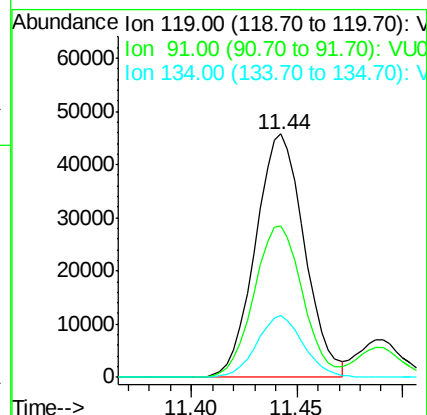
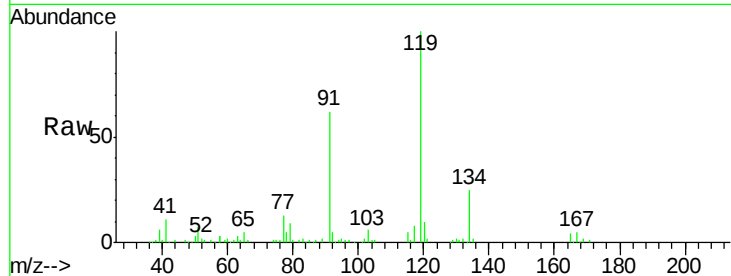
VU0123WBS02

Tot Ion:	119	Resp:	73925
Ion Ratio	Lower	Upper	
119	100		
91	62.3	29.3	87.8
134	24.3	19.0	28.4

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#78

1,2,4-Trimethylbenzene

Concen: 2.006 ug/l

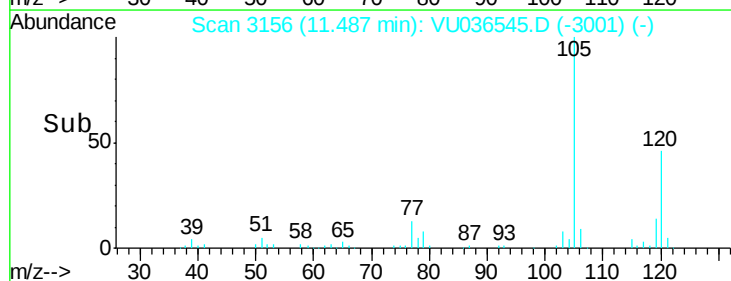
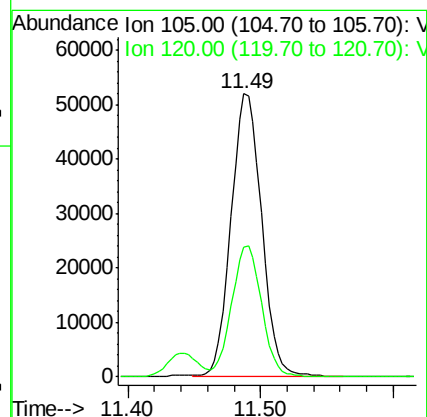
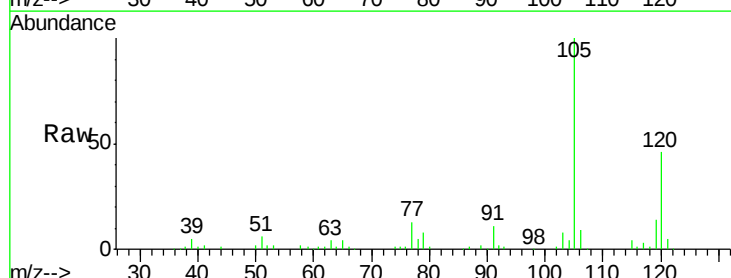
RT: 11.49 min Scan# 3156

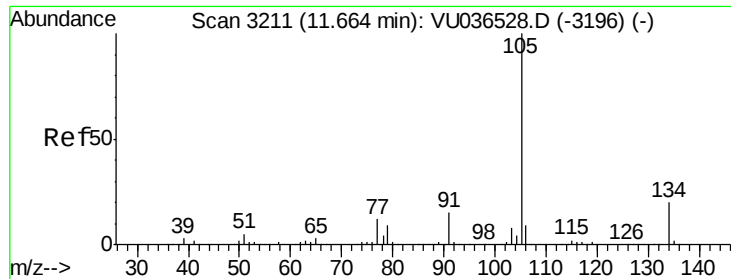
Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Tgt Ion:	105	Resp:	83703
Ion Ratio	Lower	Upper	
105	100		
120	45.4	23.3	69.8





#79
 sec-Butylbenzene
 Concen: 2.034 ug/l
 RT: 11.66 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

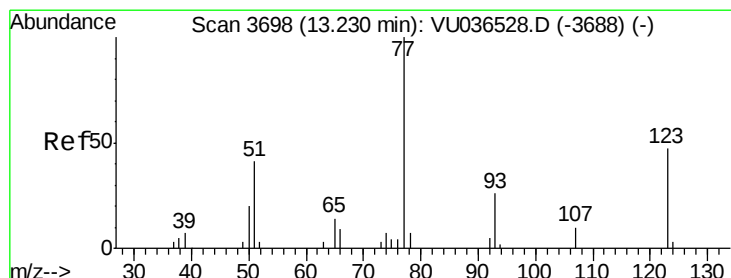
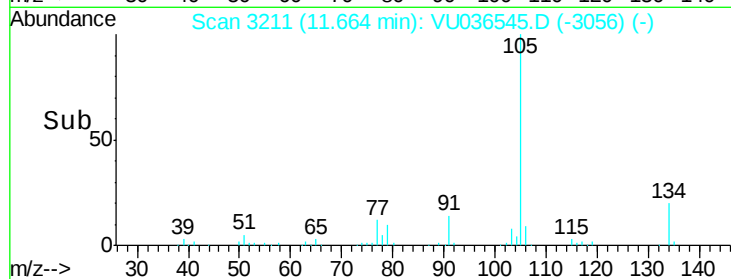
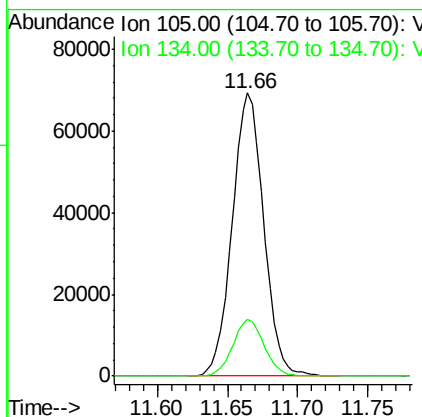
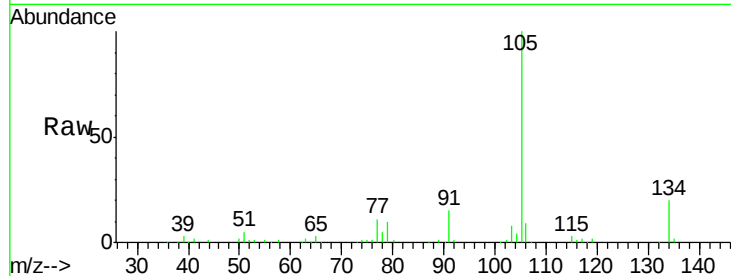
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	16.0	24.0

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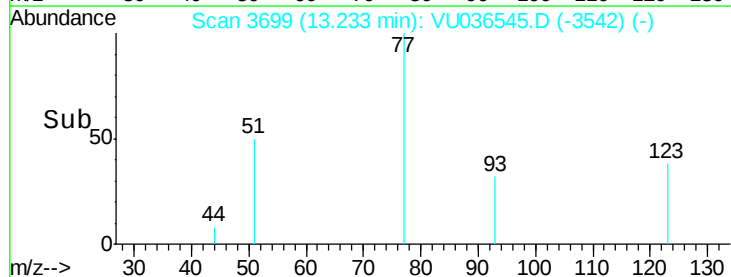
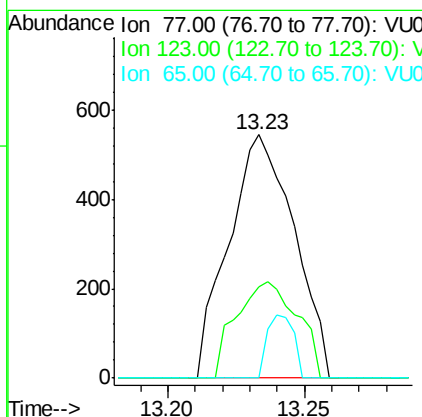
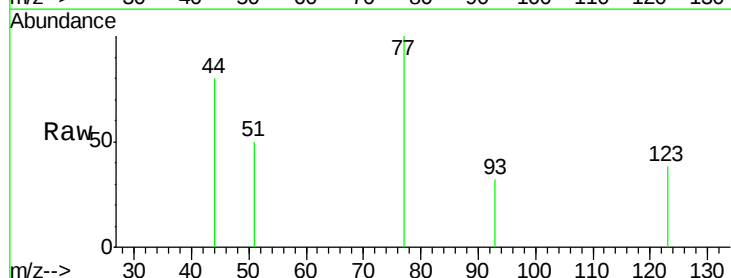
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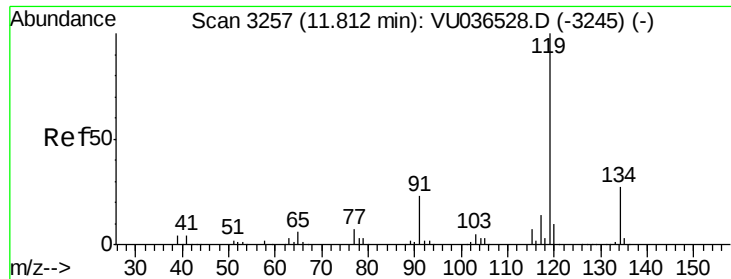
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#80
 Nitrobenzene
 Concen: 6.828 ug/l
 RT: 13.23 min Scan# 3699
 Delta R.T. 0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.2	19.6	69.6
65	10.4	12.7	16.1





#81
 p-Isopropyltoluene
 Concen: 2.000 ug/l
 RT: 11.82 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

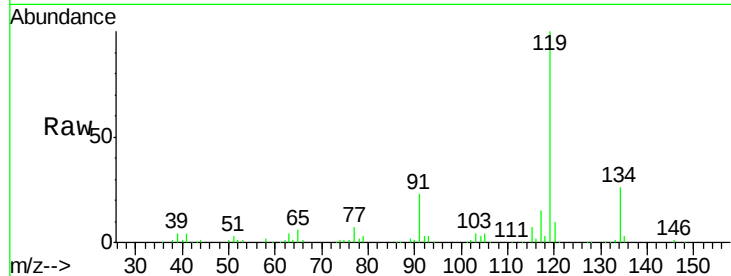
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	21.4	32.0
91	23.2	18.3	27.5

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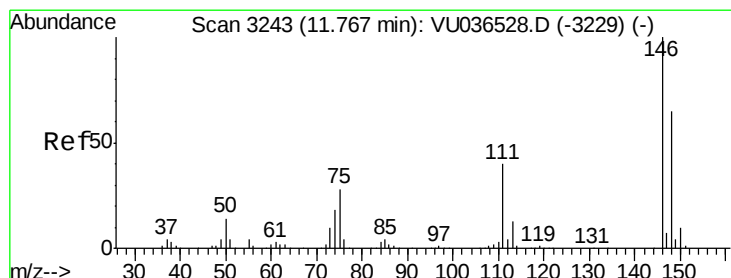
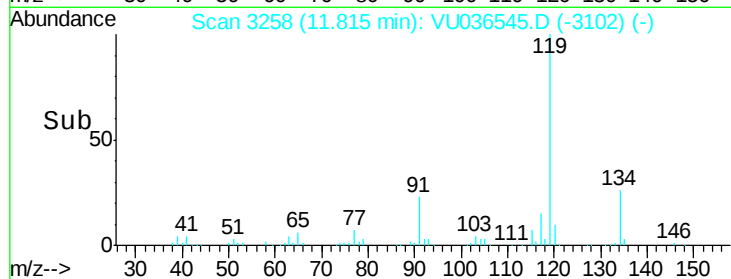
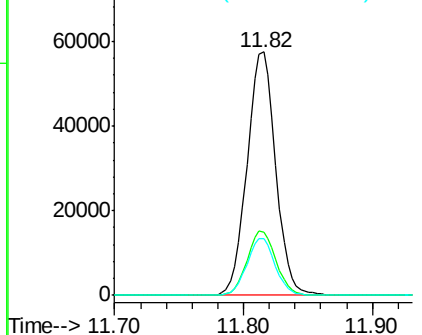


Abundance

Ion 119.00 (118.70 to 119.70): V

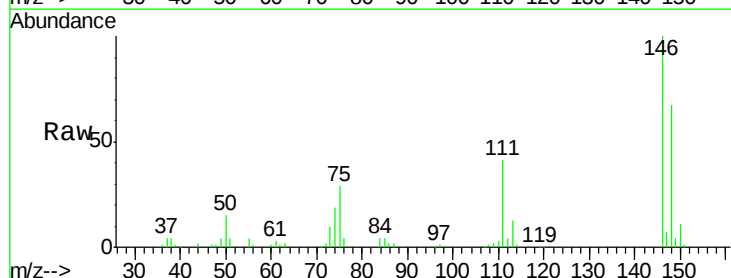
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 1.989 ug/l
 RT: 11.77 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	32.2	48.2
148	64.0	51.4	77.2

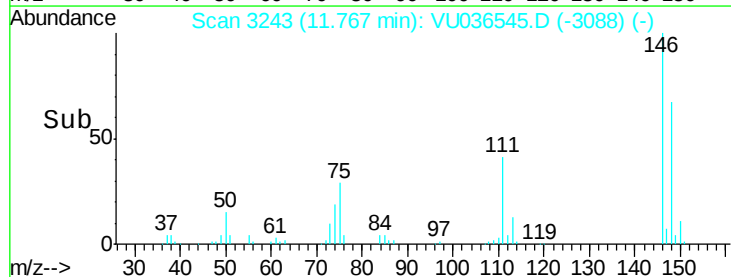
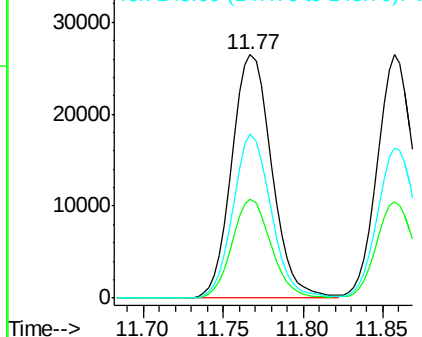


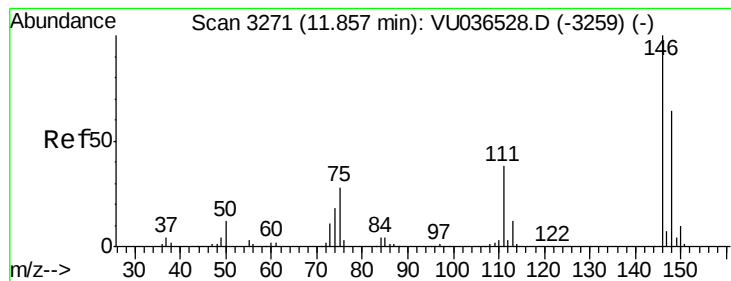
Abundance

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: 1.956 ug/l

RT: 11.86 min Scan# 3271

Delta R.T. -0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

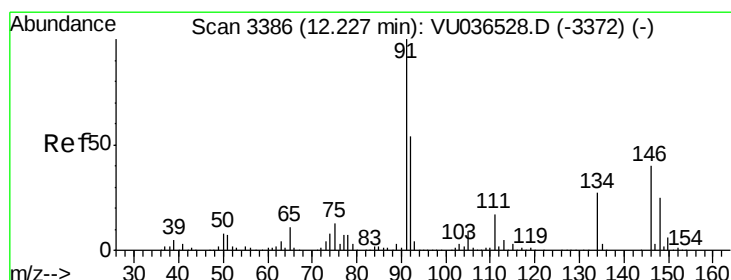
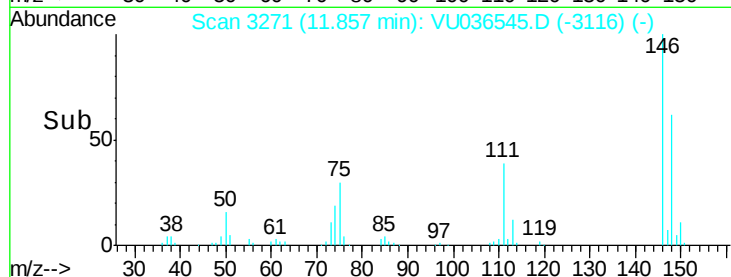
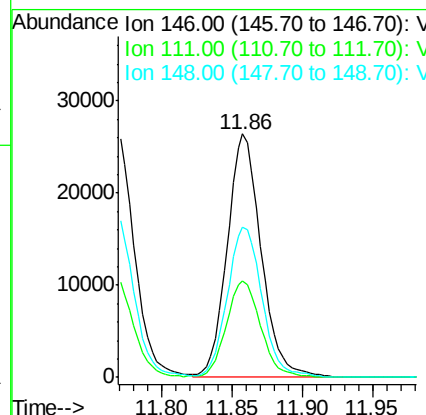
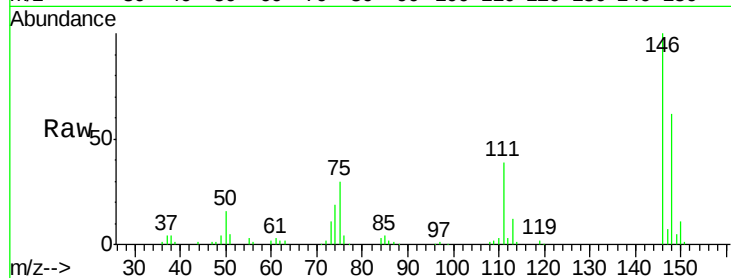
VU0123WBS02

Tot Ion:	146	Resp:	44452
Ion Ratio	Lower	Upper	
146	100		
111	40.1	30.5	45.7
148	63.2	51.0	76.4

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#84

n-Butylbenzene

Concen: 1.968 ug/l

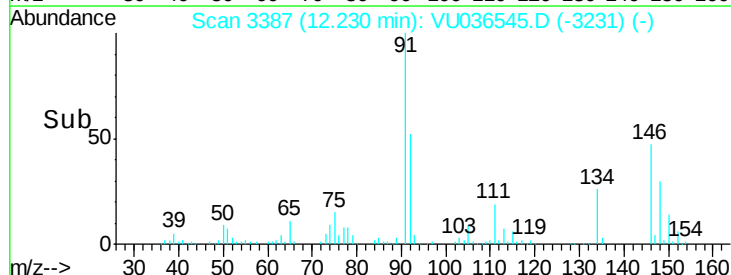
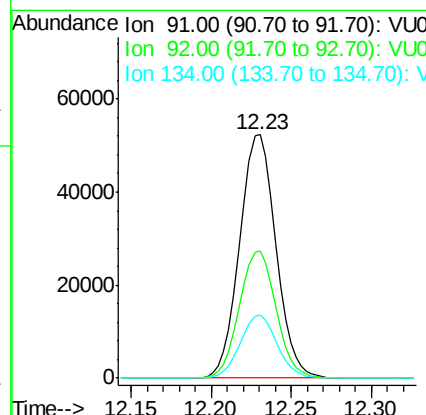
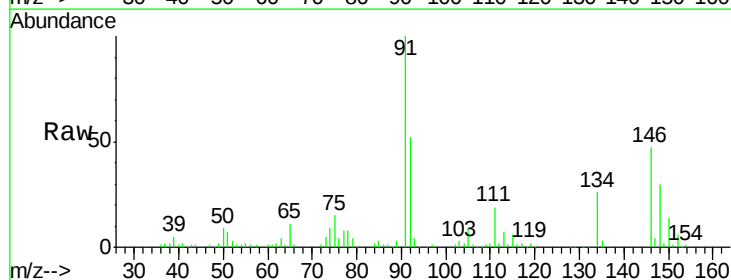
RT: 12.23 min Scan# 3387

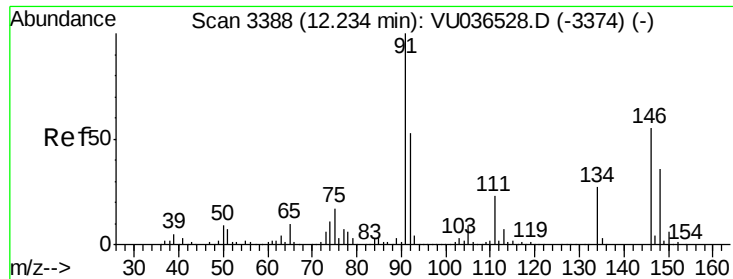
Delta R.T. 0.00 min

Lab File: VU036545.D

Acq: 23 Jan 2020 17:56

Tgt Ion:	91	Resp:	80942
Ion Ratio	Lower	Upper	
91	100		
92	52.6	42.9	64.3
134	26.3	21.4	32.0





#85
 1,2-Dichlorobenzene
 Concen: 2.020 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

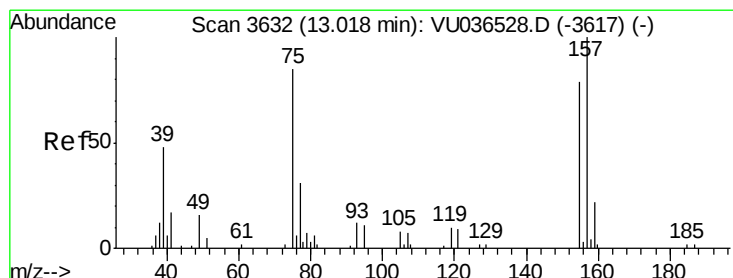
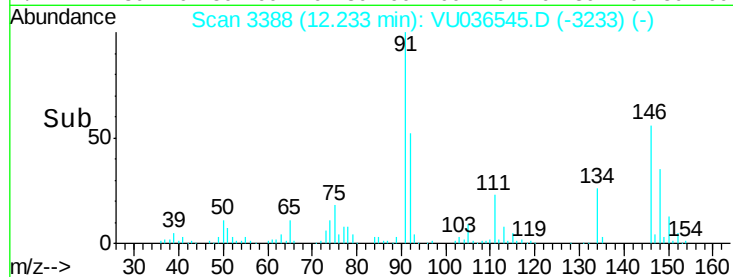
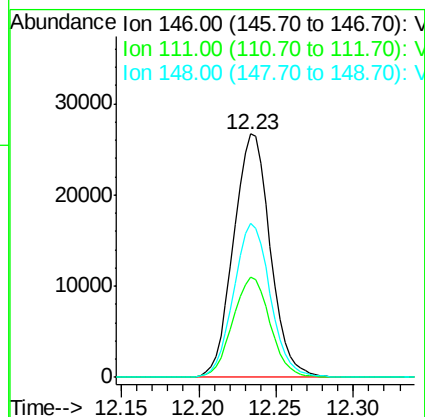
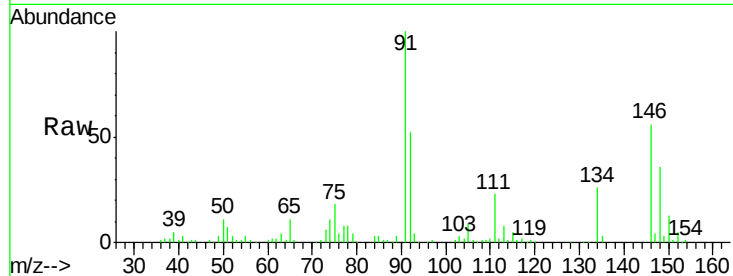
Instrument :
 MSVOA_U
 ClientSampled :
 VU0123WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.4
148	63.3	32.0	96.2

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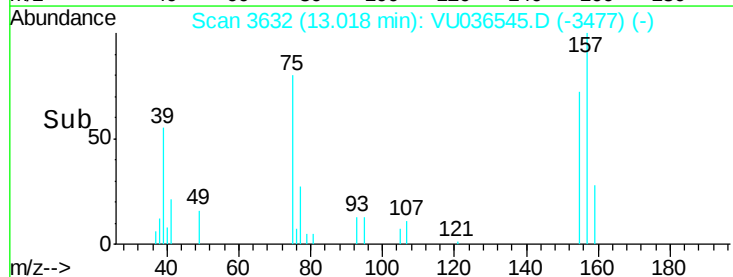
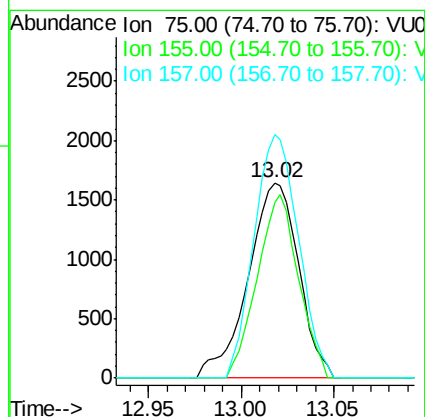
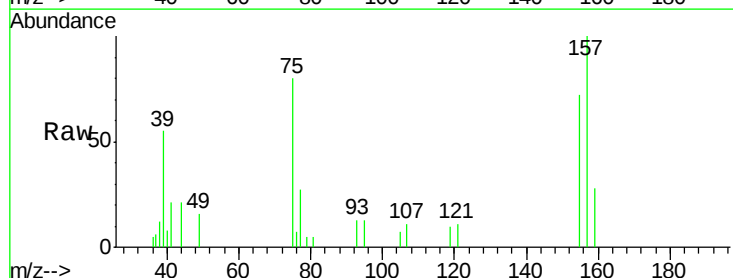
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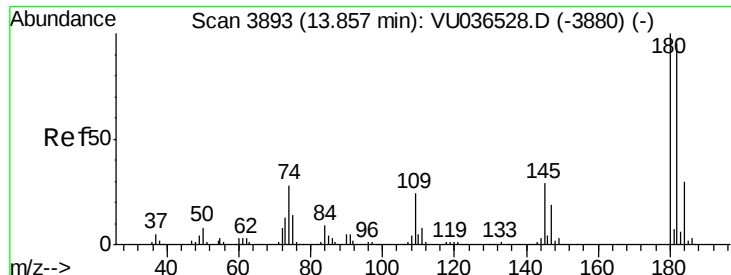
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.994 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.8	71.8	107.8
157	110.2	92.4	138.6





#87
 1,2,4-Trichlorobenzene
 Concen: 1.878 ug/l
 RT: 13.86 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

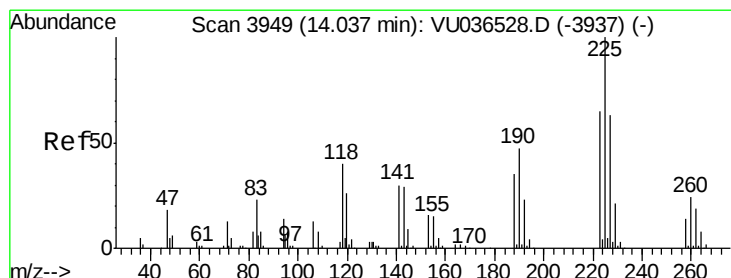
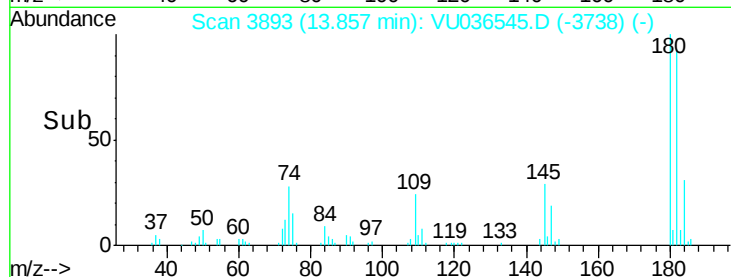
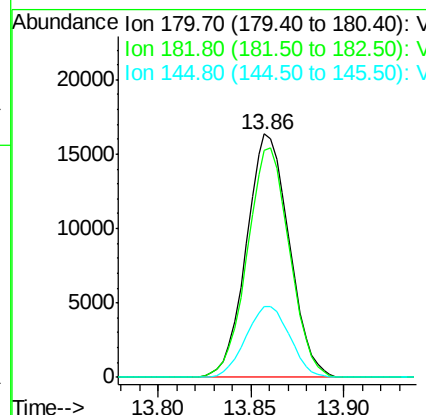
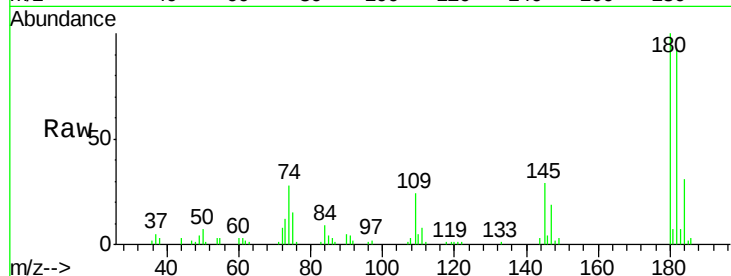
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0123WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.9	113.9
145	30.0	23.4	35.2

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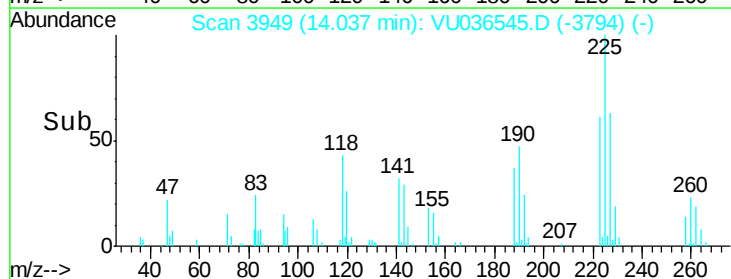
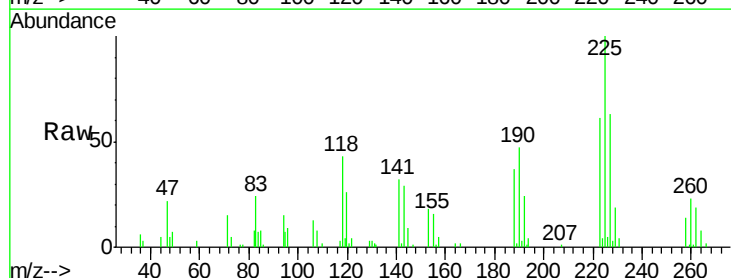
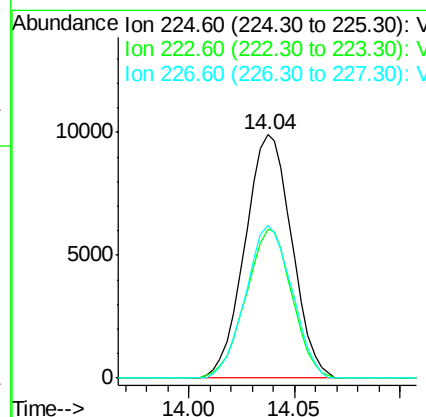
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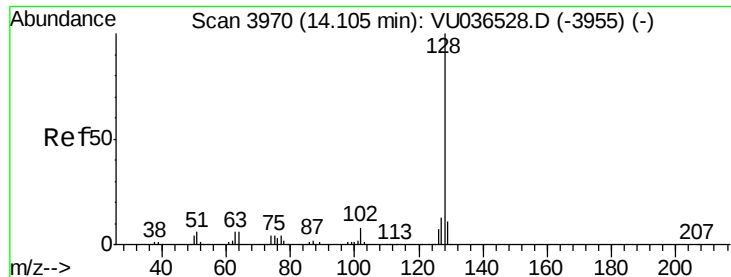
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#88
 Hexachlorobutadiene
 Concen: 1.999 ug/l
 RT: 14.04 min Scan# 3949
 Delta R.T. -0.00 min
 Lab File: VU036545.D
 Acq: 23 Jan 2020 17:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	51.7	77.5
227	61.9	50.6	75.8





#89
Naphthalene
Concen: 1.791 ug/l
RT: 14.11 min Scan# 3971
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

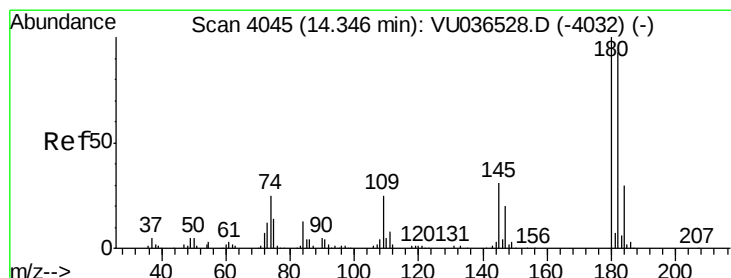
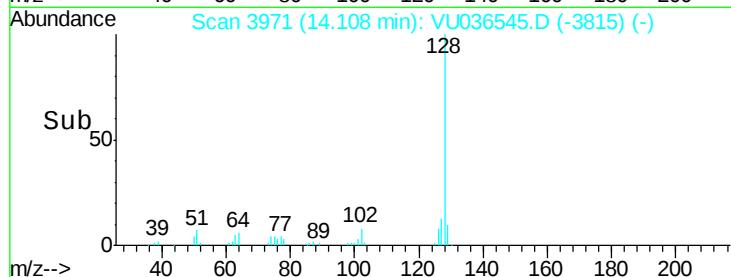
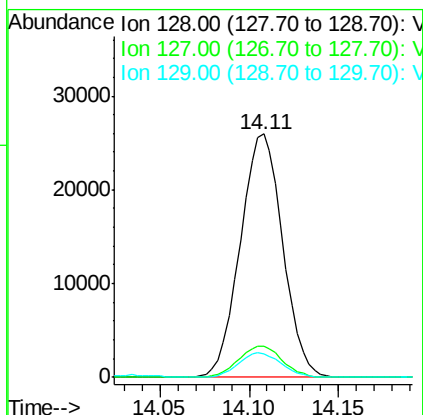
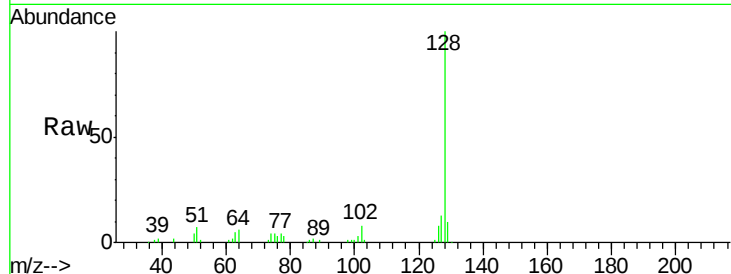
Instrument :
MSVOA_U
ClientSampleId :
VU0123WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.1	8.7	13.1

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#90
1,2,3-Trichlorobenzene
Concen: 1.896 ug/l
RT: 14.35 min Scan# 4046
Delta R.T. 0.00 min
Lab File: VU036545.D
Acq: 23 Jan 2020 17:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.2	114.4
145	30.9	25.2	37.8

