

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103019\
 Data File : VU035553.D
 Acq On : 30 Oct 2019 11:28
 Operator : JC/SP
 Sample : VU1030WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1030WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 4:09:25 PM

Quant Time: Oct 31 01:24:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.16	96	67498	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.67	95	24119	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	24198	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.40	85	51343	1.942	ug/l	99
3) Chloromethane	1.54	50	61240	1.891	ug/l	96
4) Vinyl Chloride	1.62	62	54909	1.913	ug/l	99
5) Bromomethane	1.88	94	27259	1.868	ug/l	98
6) Chloroethane	1.96	64	34101	2.067	ug/l	99
7) Trichlorofluoromethane	2.16	101	69178	1.950	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	38545	2.005	ug/l	99
9) 1,1-Dichloroethene	2.61	96	35432	1.910	ug/l	98
10) Iodomethane	2.76	142	14816	1.844	ug/l	100
11) Allyl Chloride	2.96	41	57364	1.841	ug/l	96
12) Acrylonitrile	3.37	53	16414	3.525	ug/l	96
13) Acetone	2.67	43	40148	8.883	ug/l	98
14) Carbon Disulfide	2.83	76	126722	1.932	ug/l	100
15) Methylene Chloride	3.09	84	45491	1.907	ug/l	95
16) trans-1,2-Dichloroethene	3.39	96	39866	1.954	ug/l	95
17) 1,1-Dichloroethane	3.92	63	73325	1.919	ug/l	98
18) 2-Butanone	4.79	43	47561	8.120	ug/l	96
19) Cyclohexane	5.43	56	46608	1.539	ug/l	97
20) Methylcyclohexane	6.80	83	51888	1.670	ug/l	96
21) 2,2-Dichloropropane	4.71	77	60494	1.834	ug/l	97
22) cis-1,2-Dichloroethene	4.72	96	41484	1.900	ug/l	98
23) Diethyl Ether	2.41	59	28517	1.864	ug/l	96
24) tert-Butyl Alcohol	3.26	59	48617	28.517	ug/l	95
25) Methyl tert-Butyl Ether	3.43	73	96721	1.945	ug/l	98
26) Bromochloromethane	5.03	128	20119	2.064	ug/l	96
27) Chloroform	5.14	83	78598	1.925	ug/l	100
28) 1,1,1-Trichloroethane	5.36	97	62982	1.947	ug/l	99
29) 1,1-Dichloropropene	5.57	75	47898	1.766	ug/l	98
30) Carbon Tetrachloride	5.57	117	55195	1.918	ug/l	99
31) Isopropyl Ether	4.07	45	95856	1.796	ug/l	92
32) Ethyl-t-butyl ether	4.57	59	85686	1.734	ug/l	98
33) Tert-Amyl methyl ether	6.01	73	76480	1.800	ug/l	100
34) Propionitrile	4.85	54	15390	9.071	ug/l #	92
35) Benzene	5.82	78	158788	1.918	ug/l	97
36) 1,2-Dichloroethane	5.84	62	46025	1.941	ug/l	98
37) Trichloroethene	6.58	130	43971	1.912	ug/l	100
38) 1,2-Dichloropropane	6.83	63	42309	1.864	ug/l	96
39) Methacrylonitrile	5.04	41	10807	1.696	ug/l	96
40) Methyl acrylate	4.92	55	15467	1.595	ug/l #	96
41) Tetrahydrofuran	5.14	42	12215	3.730	ug/l #	42
42) 1-Chlorobutane	5.50	56	65510	1.755	ug/l	99

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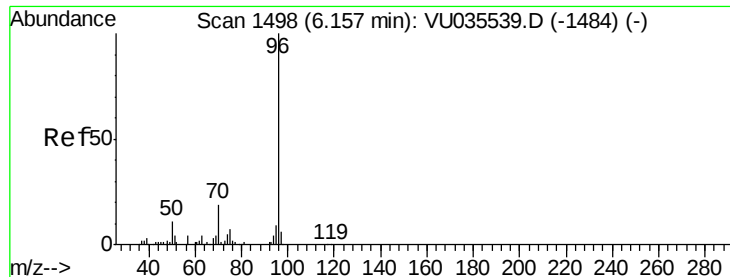
Manual Integrations
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Quant Time: Oct 31 01:24:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	21188	1.869	ug/l	91
44) Bromodichloromethane	7.15	83	55185	1.953	ug/l	99
45) 4-Methyl-2-Pentanone	7.85	43	106896	8.841	ug/l	97
46) t-1,4-Dichloro-2-butene	10.87	75	21881m	4.979	ug/l	
47) Methyl methacrylate	7.01	69	34160	3.638	ug/l	96
48) Ethyl methacrylate	8.38	69	28519	1.738	ug/l	97
49) Toluene	8.01	92	89627	1.883	ug/l	98
50) t-1,3-Dichloropropene	8.25	75	46611	1.863	ug/l	99
51) cis-1,3-Dichloropropene	7.65	75	52409	1.766	ug/l	99
52) 1,1,2-Trichloroethane	8.44	97	31769	1.999	ug/l	95
53) 1,3-Dichloropropane	8.61	76	52362	1.944	ug/l	99
54) 2-Hexanone	8.75	43	69657	8.107	ug/l	94
55) Dibromochloromethane	8.84	129	39589	2.041	ug/l	93
56) 1,2-Dibromoethane	8.96	107	28666	1.972	ug/l	91
58) Tetrachloroethene	8.58	164	41761	1.981	ug/l	98
59) Chlorobenzene	9.48	112	105042	1.914	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.56	131	43202	2.047	ug/l	98
61) Pentachloroethane	11.46	117	33489	1.947	ug/l	98
62) Hexachloroethane	12.50	117	29391	1.871	ug/l	100
63) Ethyl Benzene	9.60	91	149778	1.757	ug/l	99
64) m/p-Xylenes	9.73	106	115149	3.421	ug/l #	1
65) o-Xylene	10.13	106	59737	1.837	ug/l	98
66) Styrene	10.15	104	95040	1.765	ug/l	98
67) Bromoform	10.32	173	23423	1.946	ug/l	99
69) Isopropylbenzene	10.51	105	149333	1.761	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	42050	1.985	ug/l #	67
71) 1,2,3-Trichloropropane	10.86	75	25982m	1.633	ug/l	
72) Bromobenzene	10.82	156	45285	1.917	ug/l	86
73) n-propylbenzene	10.94	120	39748	1.678	ug/l	98
74) 2-Chlorotoluene	11.01	126	40620	1.829	ug/l	97
75) 1,3,5-Trimethylbenzene	11.12	105	116892	1.673	ug/l	100
76) 4-Chlorotoluene	11.13	126	39712	1.761	ug/l	96
77) tert-Butylbenzene	11.45	119	125895	1.757	ug/l	100
78) 1,2,4-Trimethylbenzene	11.50	105	111821	1.581	ug/l	100
79) sec-Butylbenzene	11.67	105	151118	1.648	ug/l	99
80) Nitrobenzene	13.24	77	2814	3.963	ug/l #	91
81) p-Isopropyltoluene	11.82	119	111635	1.522	ug/l #	69
82) 1,3-Dichlorobenzene	11.78	146	81987	1.822	ug/l	98
83) 1,4-Dichlorobenzene	11.87	146	78361	1.816	ug/l	99
84) n-Butylbenzene	12.24	91	85000	1.412	ug/l	98
85) 1,2-Dichlorobenzene	12.24	146	75786	1.788	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	4733	1.754	ug/l	99
87) 1,2,4-Trichlorobenzene	13.87	180	24228	1.762	ug/l	95
88) Hexachlorobutadiene	14.04	225	27138	1.719	ug/l	96
89) Naphthalene	14.11	128	28076	1.679	ug/l	96
90) 1,2,3-Trichlorobenzene	14.36	180	25875	1.767	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.16 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

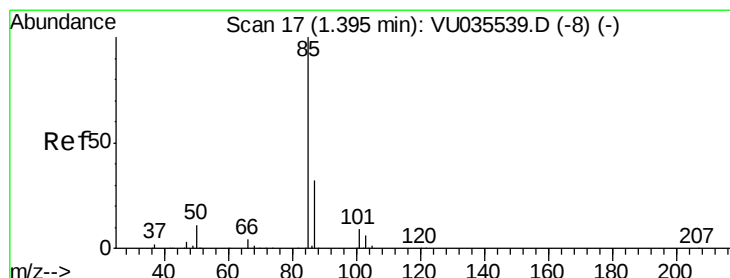
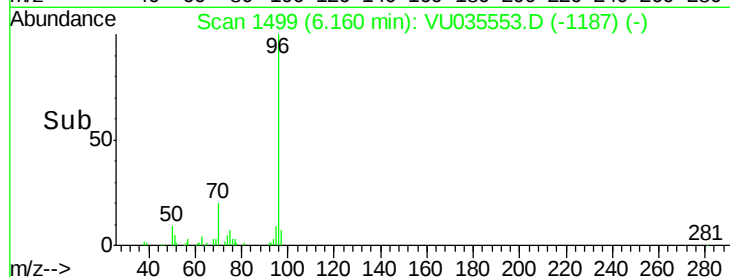
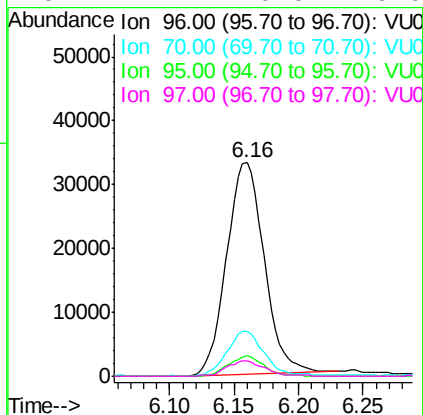
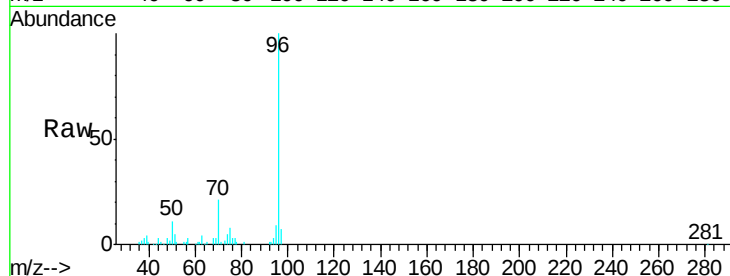
ClientSampleId :

VU1030WBSD01

Tgt Ion:	96	Resp:	67498
Ion	Ratio	Lower	Upper
96	100		
70	20.4	15.8	23.8
95	9.0	7.4	11.2
97	7.2	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.942 ug/l

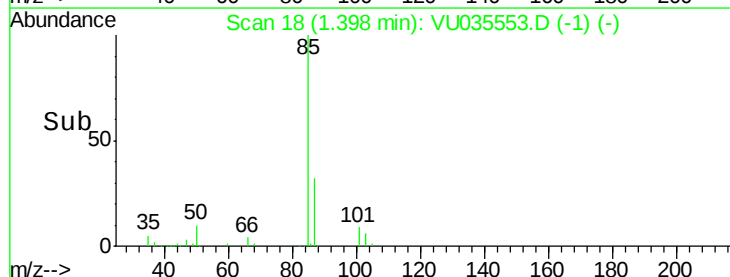
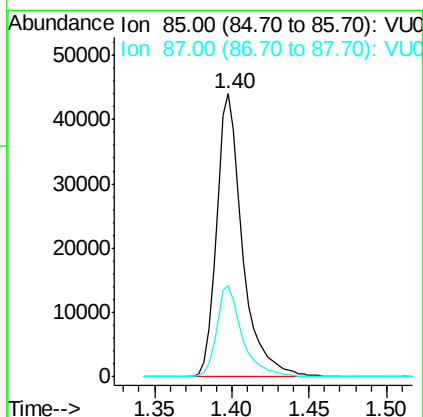
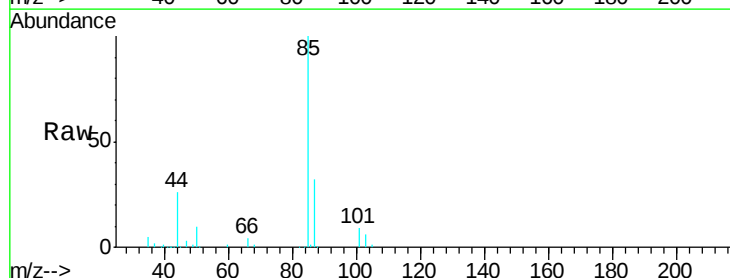
RT: 1.40 min Scan# 18

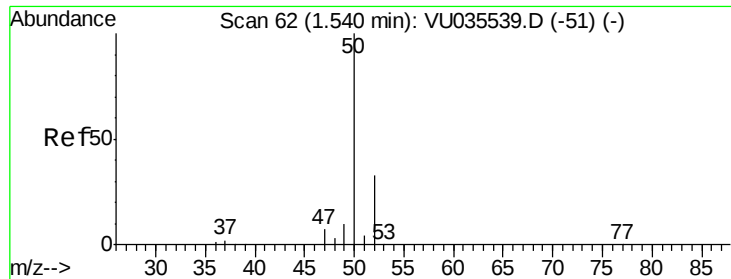
Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Tgt Ion:	85	Resp:	51343
Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.8	47.4





#3

Chloromethane

Concen: 1.891 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

VU1030WBSD01

Tgt Ion: 50 Resp: 61240

Ion Ratio Lower Upper

50 100

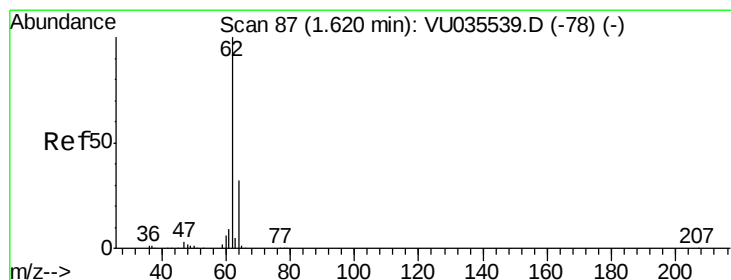
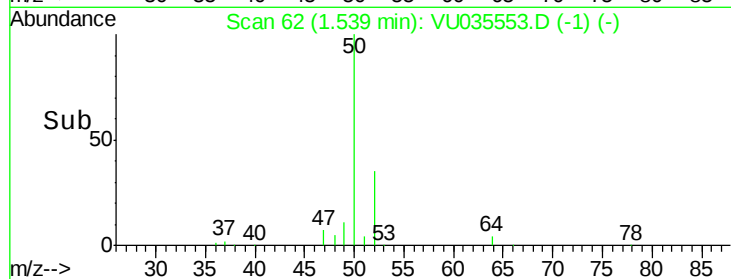
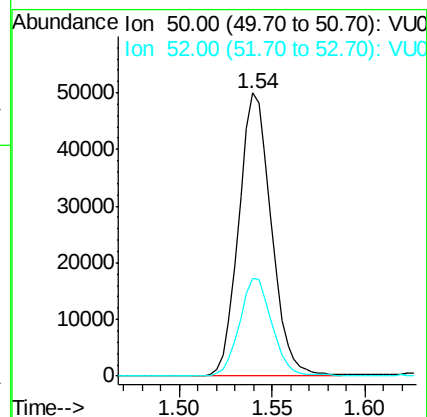
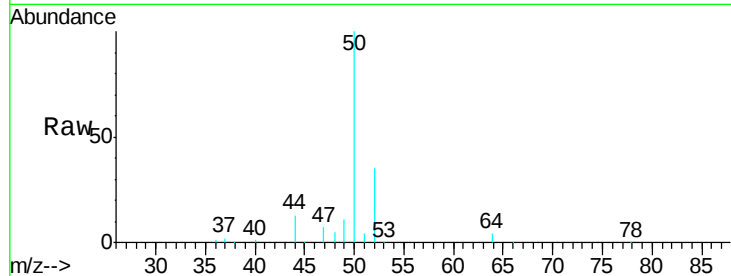
52 34.7 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.913 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035553.D

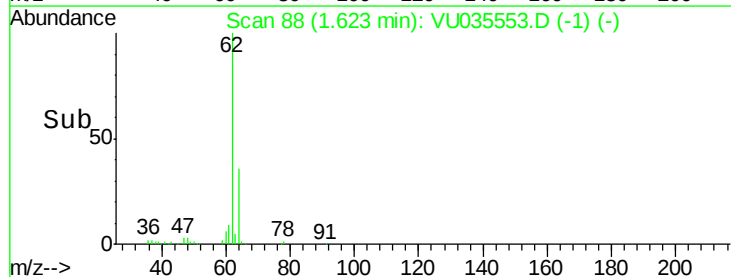
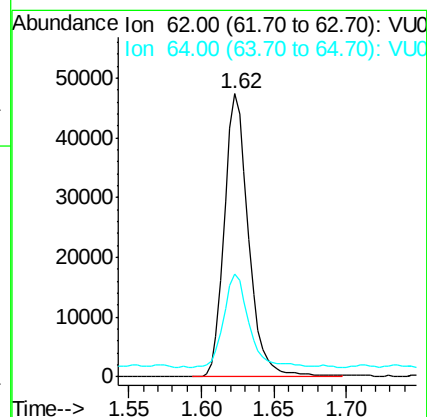
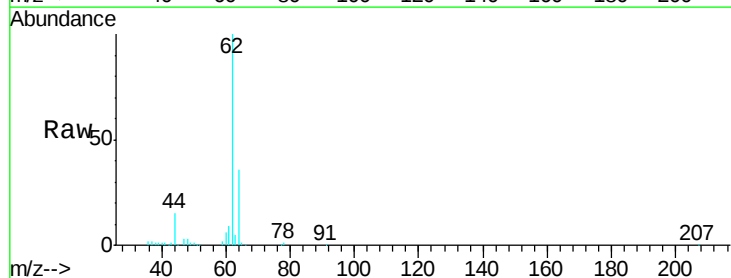
Acq: 30 Oct 2019 11:28

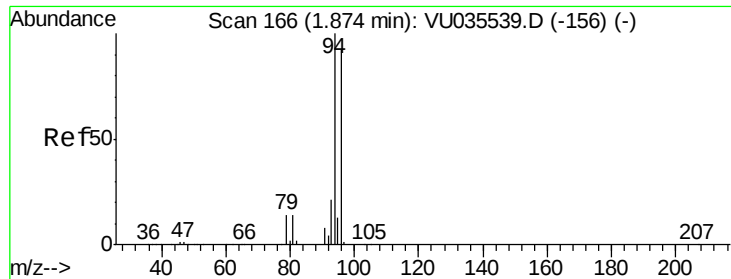
Tgt Ion: 62 Resp: 54909

Ion Ratio Lower Upper

62 100

64 32.8 25.6 38.4





#5

Bromomethane

Concen: 1.868 ug/l

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

VU1030WBSD01

Tgt Ion: 94 Resp: 27259

Ion Ratio Lower Upper

94 100

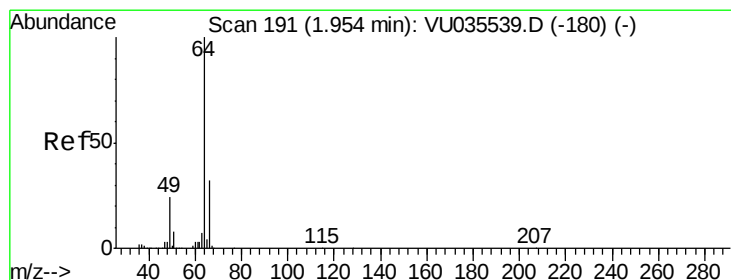
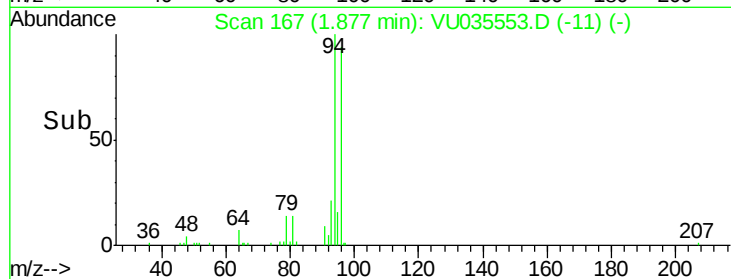
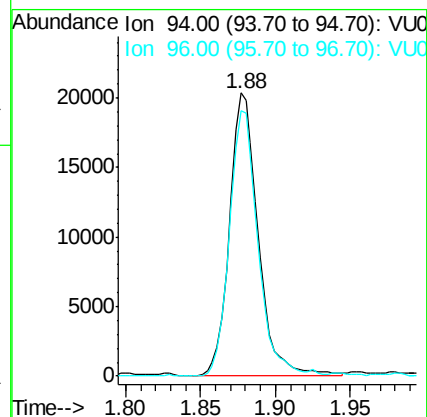
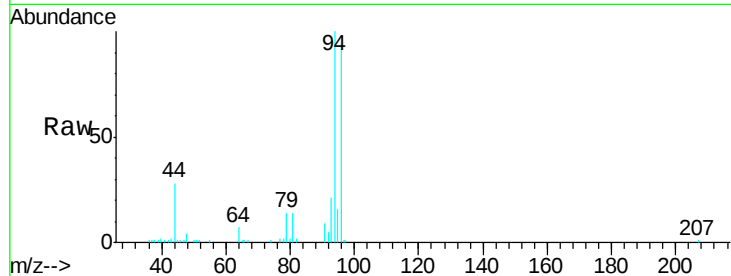
96 93.8 73.8 110.8

Manual Integrations

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#6

Chloroethane

Concen: 2.067 ug/l

RT: 1.96 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU035553.D

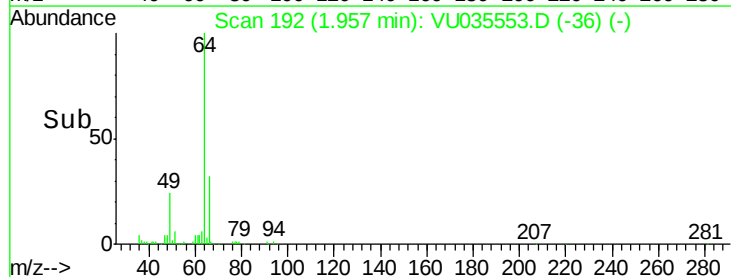
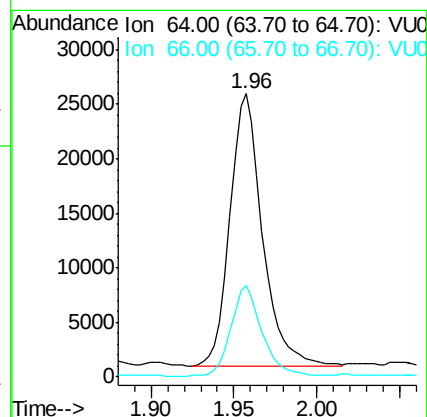
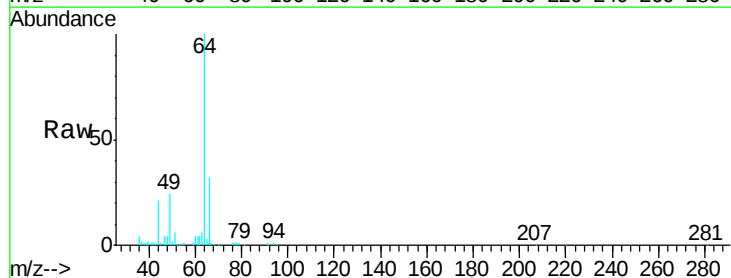
Acq: 30 Oct 2019 11:28

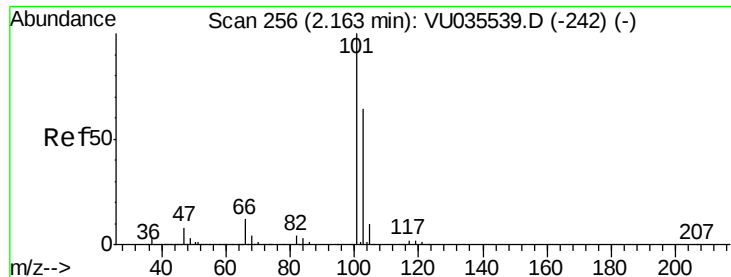
Tgt Ion: 64 Resp: 34101

Ion Ratio Lower Upper

64 100

66 33.0 25.9 38.9





#7

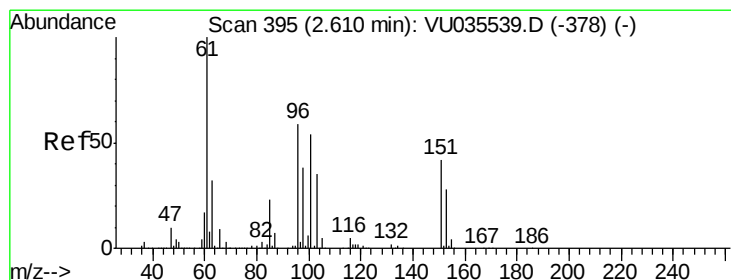
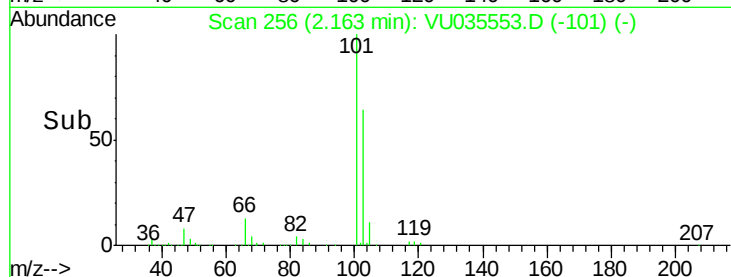
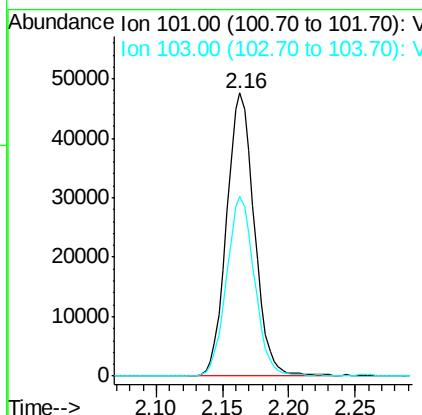
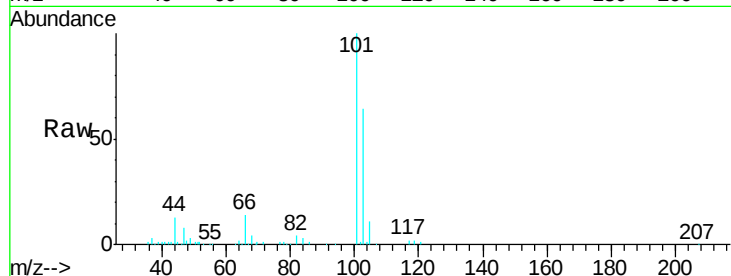
Trichlorofluoromethane
 Concen: 1.950 ug/l
 RT: 2.16 min Scan# 256
 Delta R.T. -0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

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Tgt Ion:101 Resp: 69178
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.0 76.6

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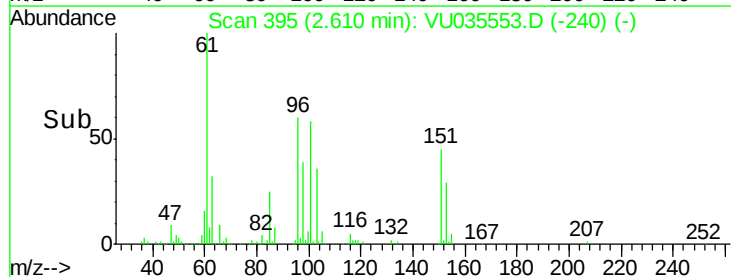
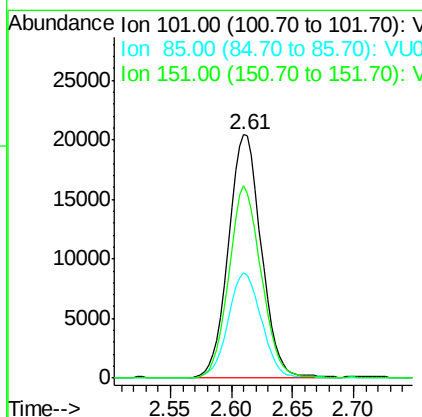
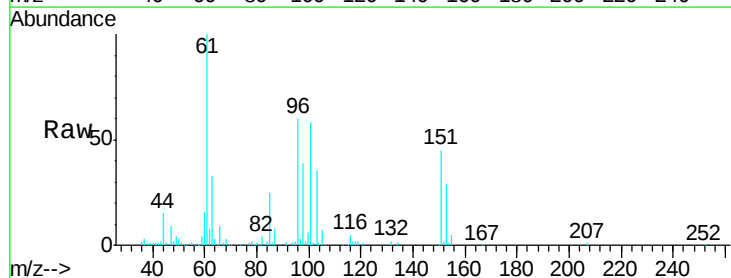
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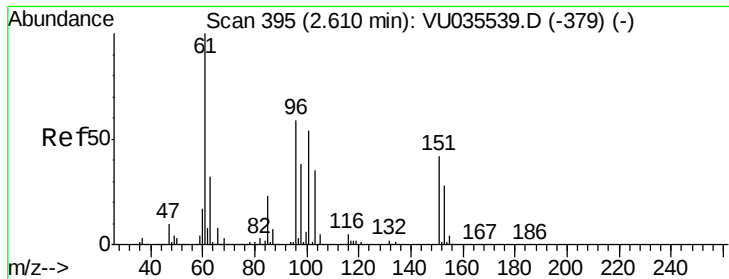


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.005 ug/l
 RT: 2.61 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Tgt Ion:101 Resp: 38545
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.8 53.6
 151 76.2 61.8 92.6





#9

1,1-Dichloroethene

Concen: 1.910 ug/l

RT: 2.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

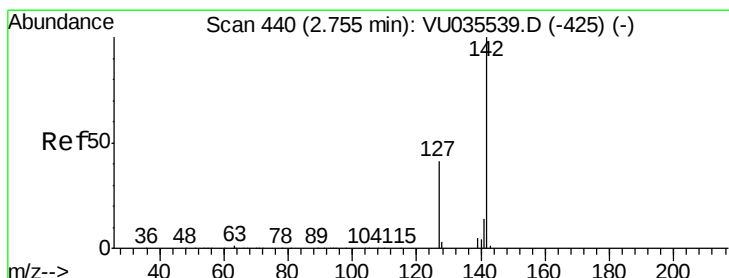
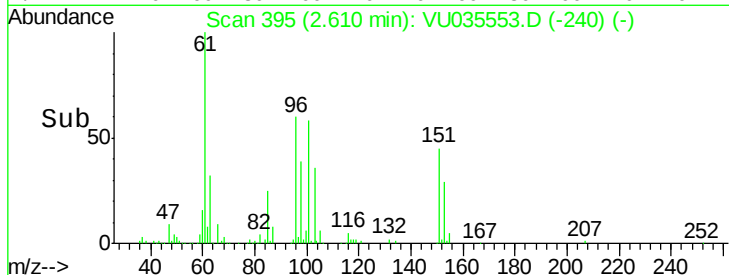
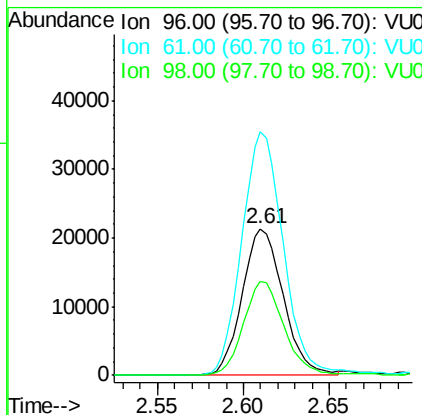
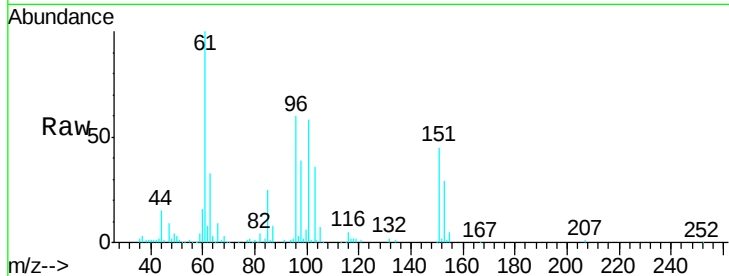
ClientSampleId :

VU1030WBSD01

Tgt Ion:	96	Resp:	35432
Ion	Ratio	Lower	Upper
96	100		
61	165.9	0.0	508.8
98	64.1	0.0	130.4

Manual Integrations
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#10

Iodomethane

Concen: 1.844 ug/l

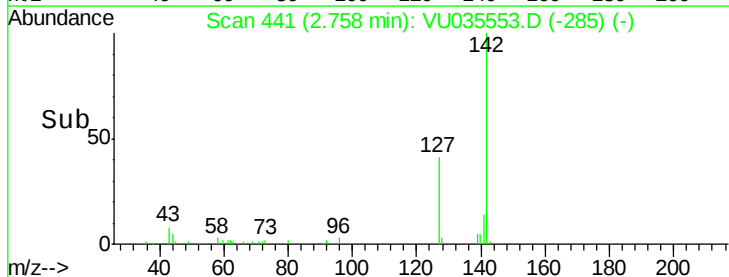
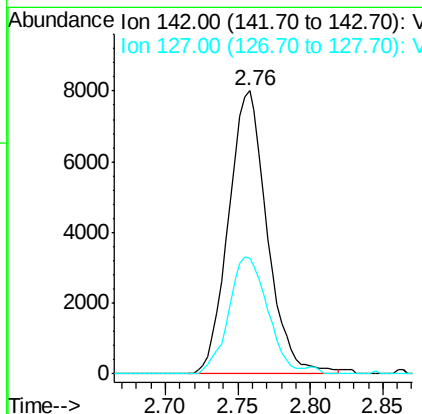
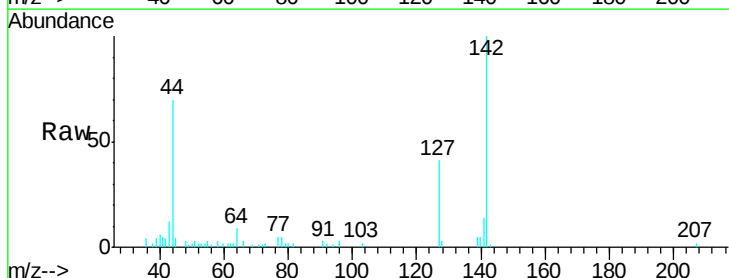
RT: 2.76 min Scan# 441

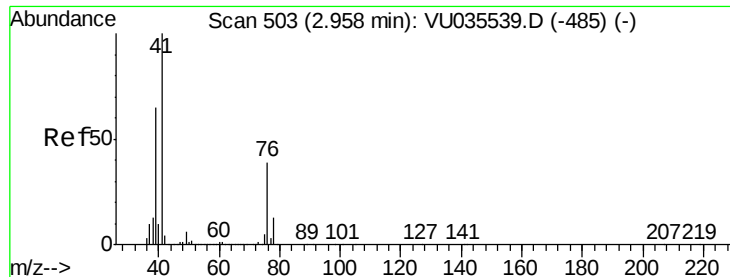
Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Tgt Ion:	142	Resp:	14816
Ion	Ratio	Lower	Upper
142	100		
127	41.4	33.4	50.0





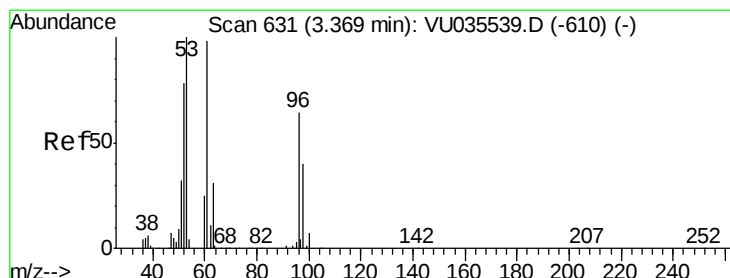
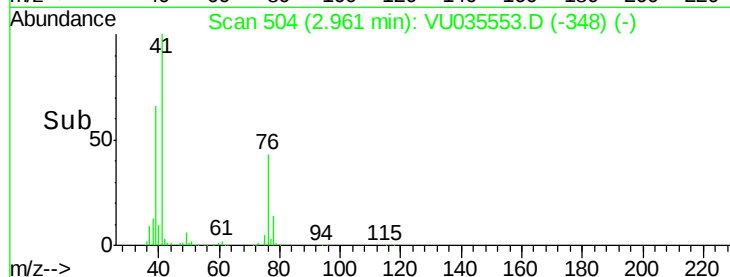
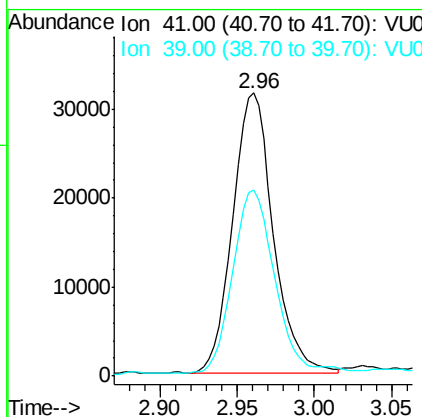
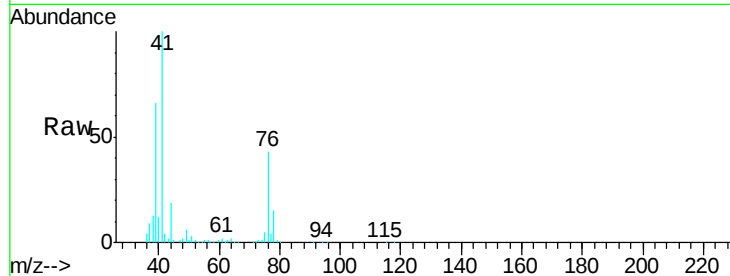
#11
 Allyl Chloride
 Concen: 1.841 ug/l
 RT: 2.96 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Instrument :
 MSVOA_U
 ClientSampled :
 VU1030WBSD01

Tgt Ion: 41 Resp: 57364
 Ion Ratio Lower Upper
 41 100
 39 68.2 52.0 78.0

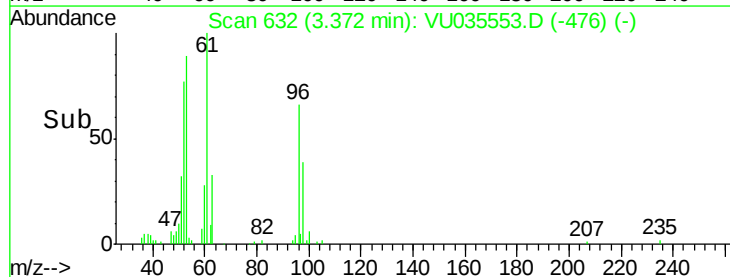
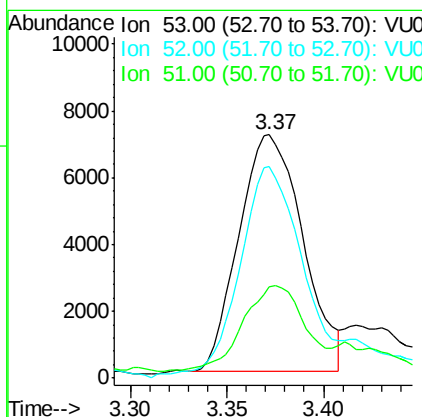
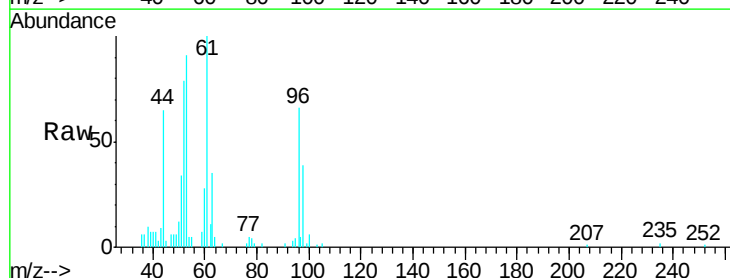
Manual Integrations
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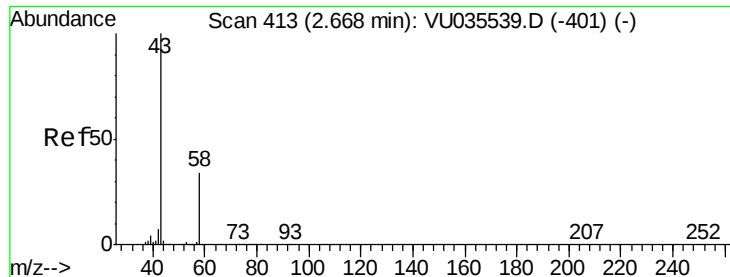
MMDadoda
 10/31/2019 4:09:25 PM



#12
 Acrylonitrile
 Concen: 3.525 ug/l
 RT: 3.37 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Tgt Ion: 53 Resp: 16414
 Ion Ratio Lower Upper
 53 100
 52 88.6 67.4 101.0
 51 33.4 27.0 40.4





#13

Acetone

Concen: 8.883 ug/l

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

VU1030WBSD01

Tgt Ion: 43 Resp: 40148

Ion Ratio Lower Upper

43 100

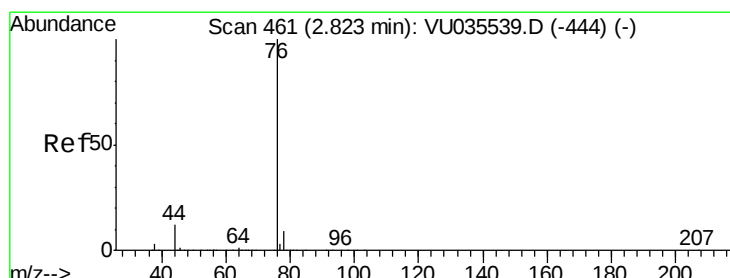
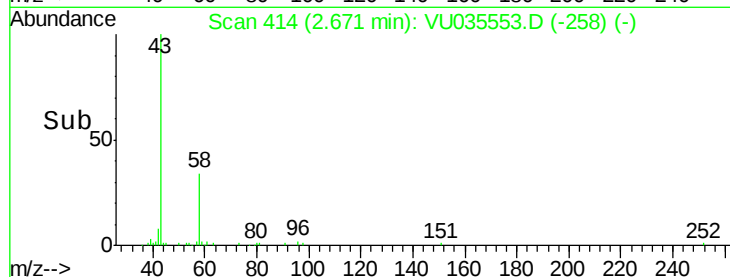
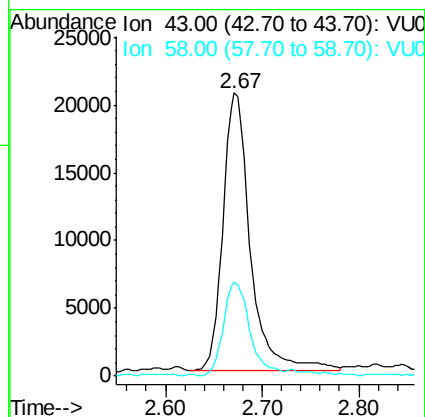
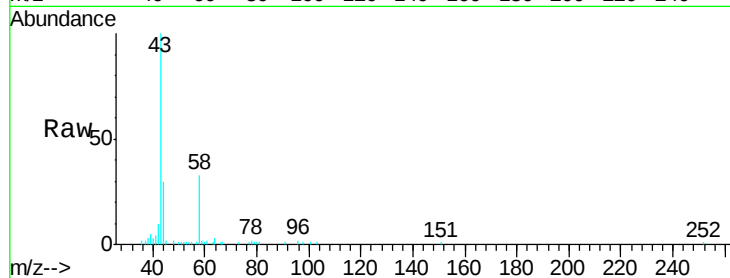
58 33.4 27.6 41.4

Manual Integrations

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#14

Carbon Disulfide

Concen: 1.932 ug/l

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035553.D

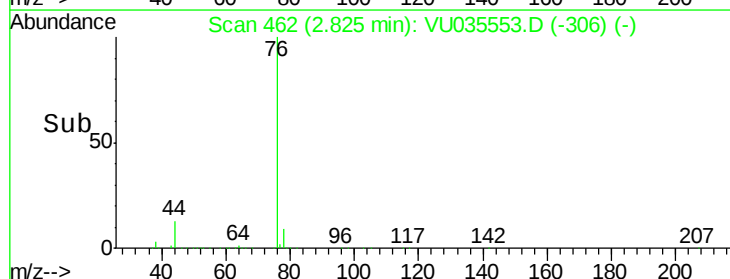
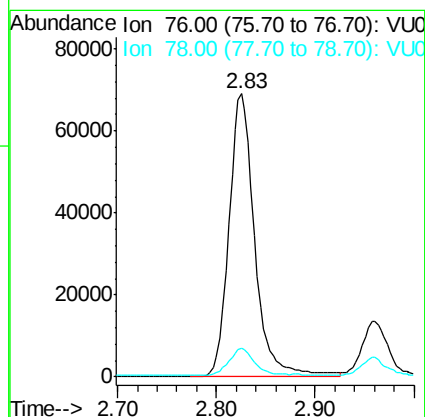
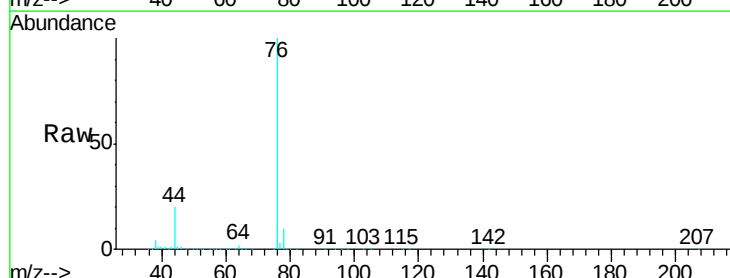
Acq: 30 Oct 2019 11:28

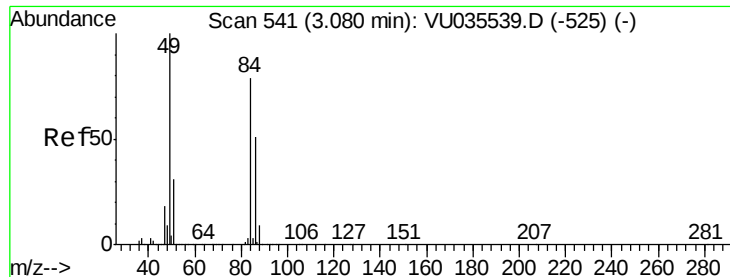
Tgt Ion: 76 Resp: 126722

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2





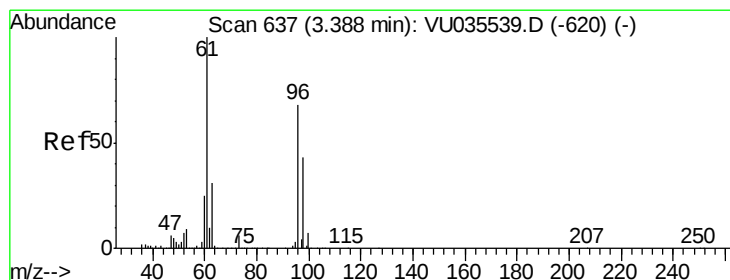
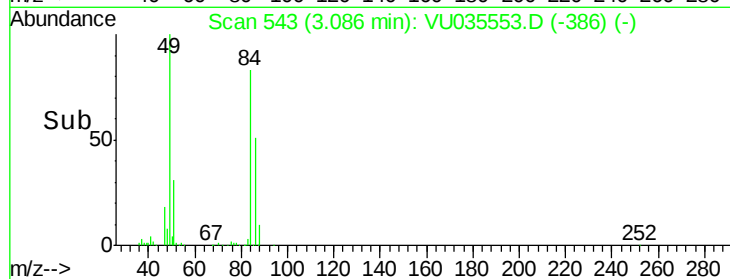
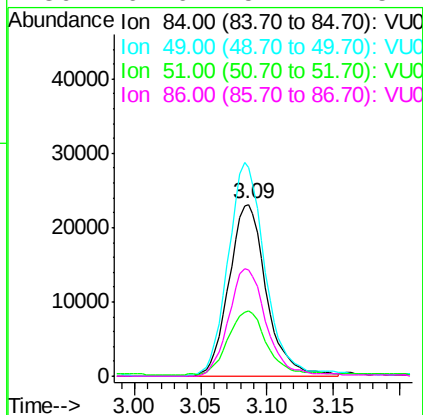
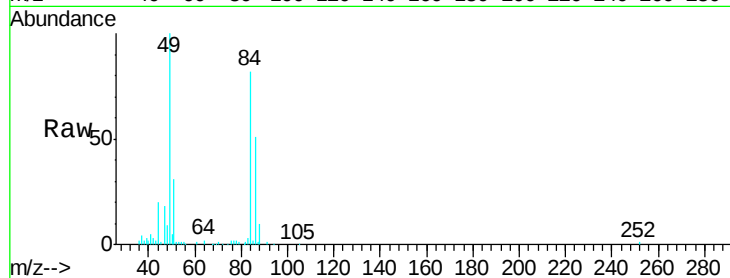
#15
Methylene Chloride
Concen: 1.907 ug/l
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion:	84	Resp:	45491
Ion	Ratio	Lower	Upper
84	100		
49	121.0	101.5	152.3
51	37.1	0.0	78.6
86	61.6	52.2	78.2

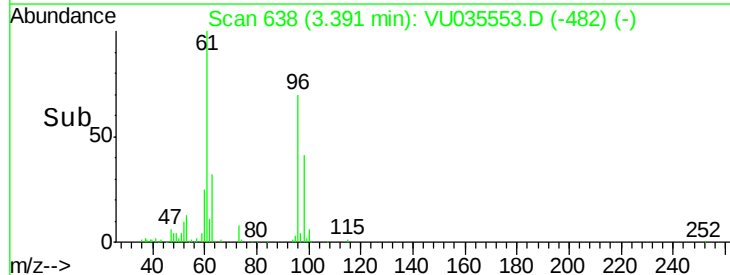
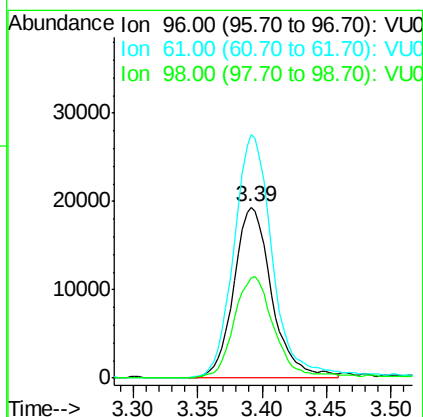
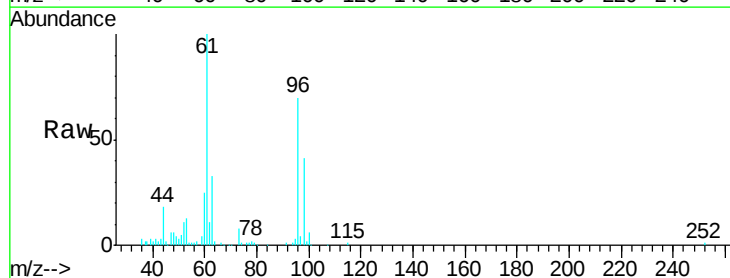
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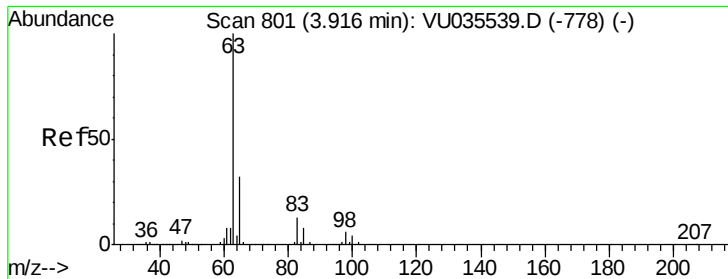
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#16
trans-1,2-Dichloroethene
Concen: 1.954 ug/l
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion:	96	Resp:	39866
Ion	Ratio	Lower	Upper
96	100		
61	142.2	117.8	176.8
98	58.2	50.2	75.2





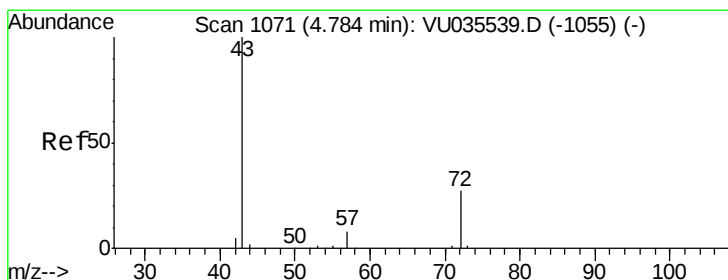
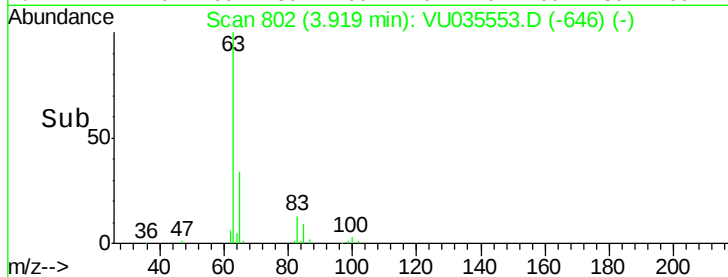
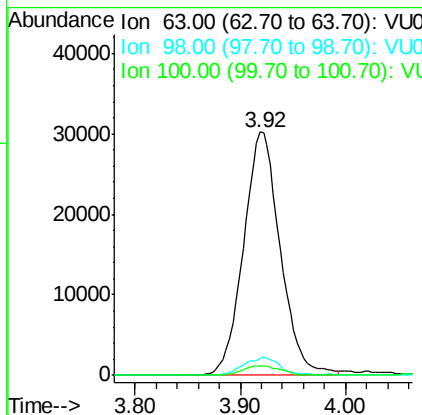
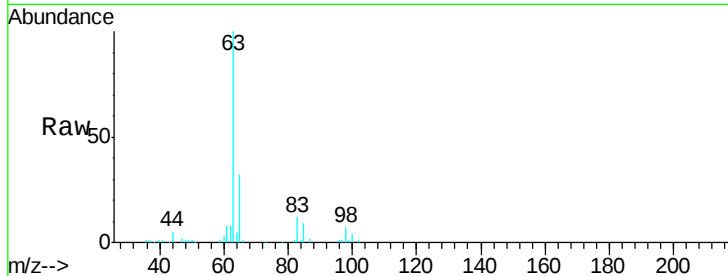
#17
 1,1-Dichloroethane
 Concen: 1.919 ug/l
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1030WBSD01

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.1	9.3
100	3.7	2.1	6.3

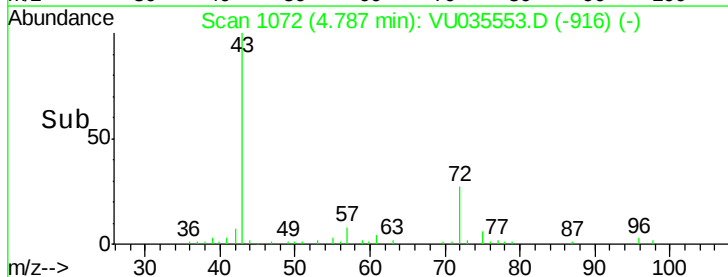
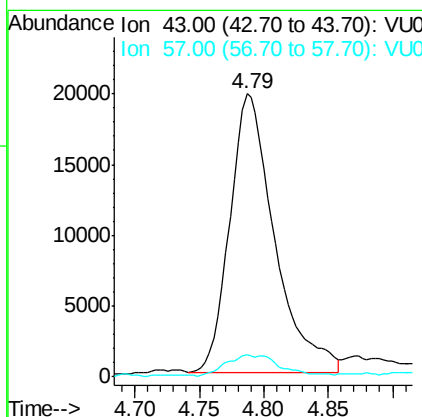
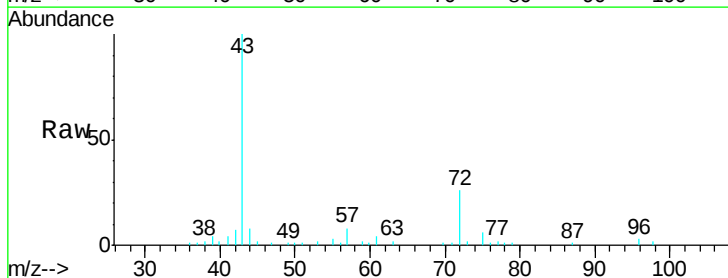
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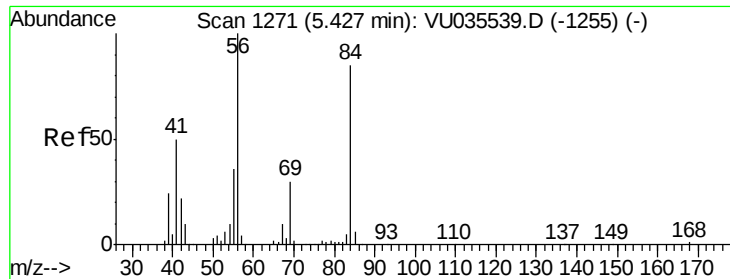
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#18
 2-Butanone
 Concen: 8.120 ug/l
 RT: 4.79 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.1	0.0	17.0





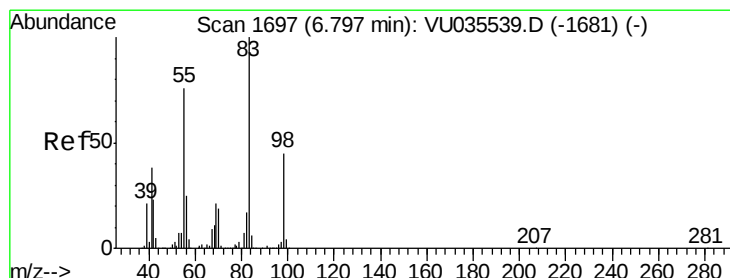
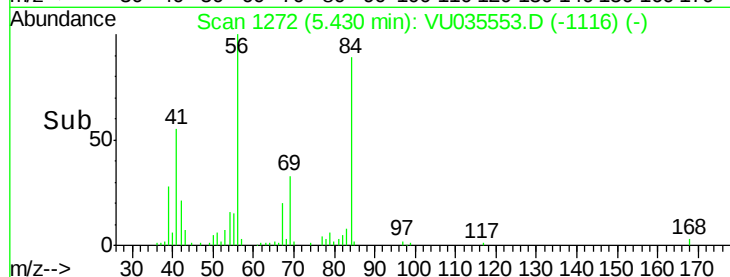
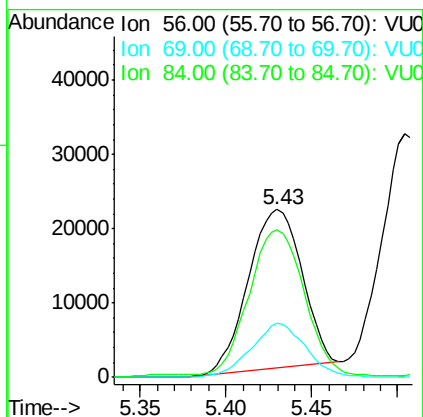
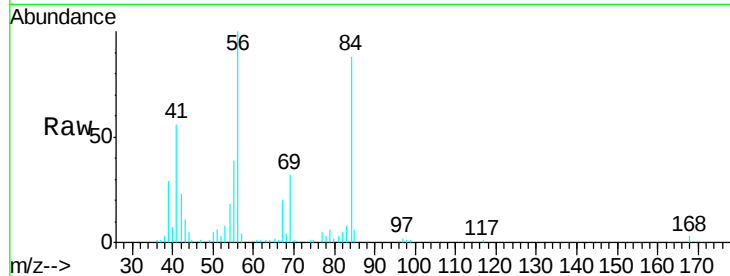
#19
Cyclohexane
Concen: 1.539 ug/l
RT: 5.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.5	26.4	39.6
84	93.6	72.9	109.3

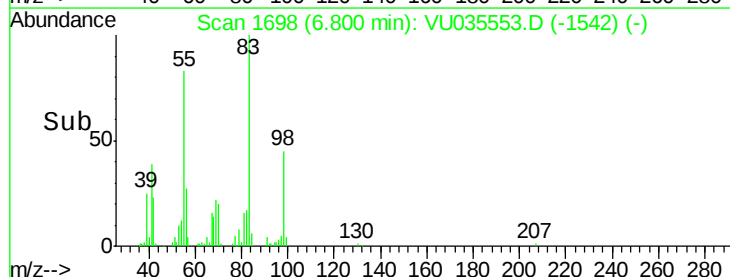
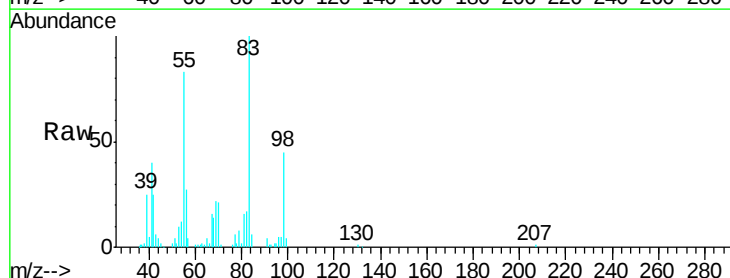
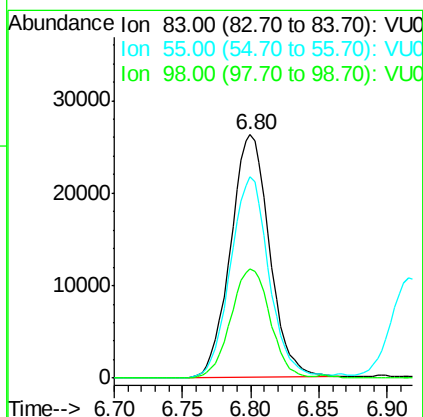
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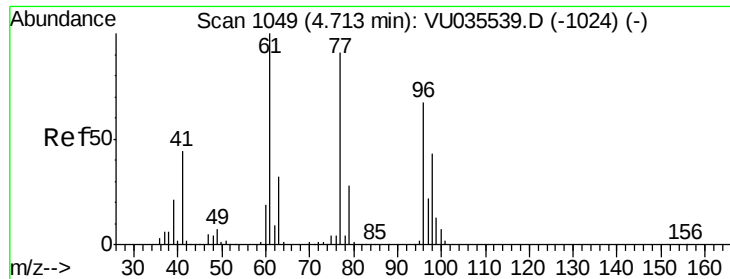
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#20
Methylcyclohexane
Concen: 1.670 ug/l
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.0	61.2	91.8
98	44.3	36.7	55.1





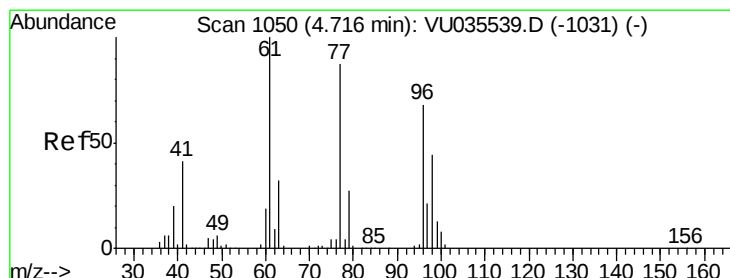
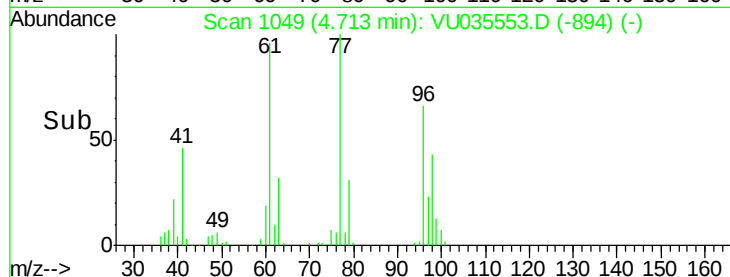
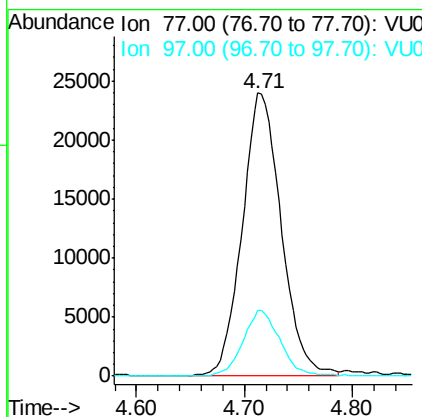
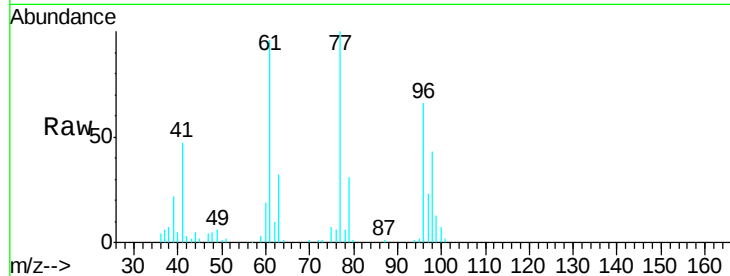
#21
 2,2-Dichloropropane
 Concen: 1.834 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1030WBSD01

Tgt Ion: 77 Resp: 60494
 Ion Ratio Lower Upper
 77 100
 97 21.8 18.8 28.2

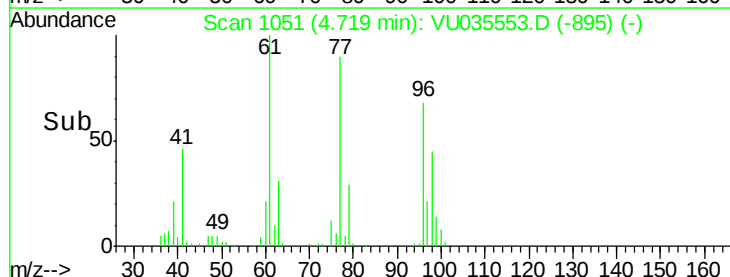
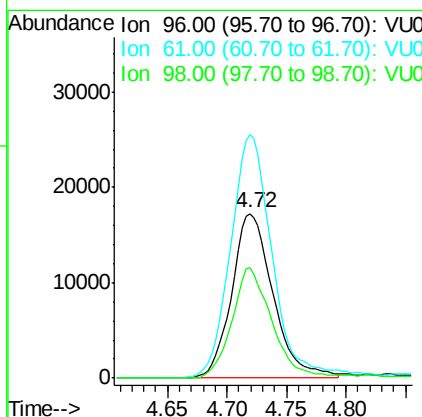
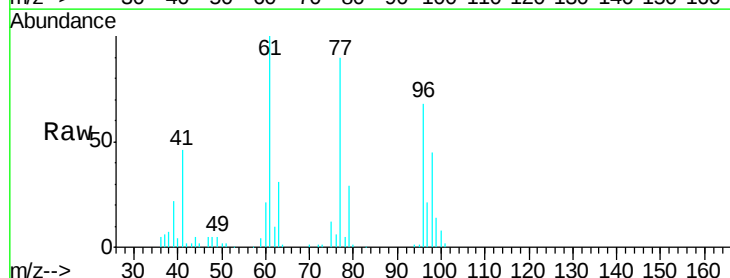
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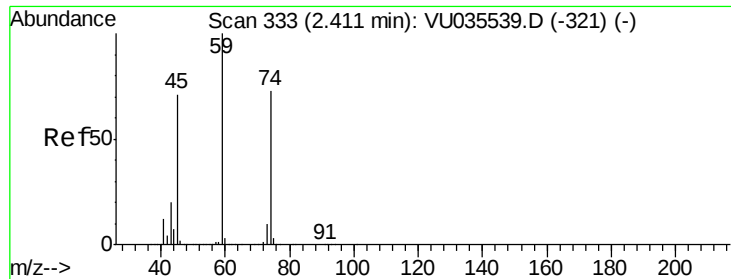
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#22
 cis-1,2-Dichloroethene
 Concen: 1.900 ug/l
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Tgt Ion: 96 Resp: 41484
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 370.5
 98 65.3 31.8 95.4





#23

Diethyl Ether

Concen: 1.864 ug/l

RT: 2.41 min Scan# 334

Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

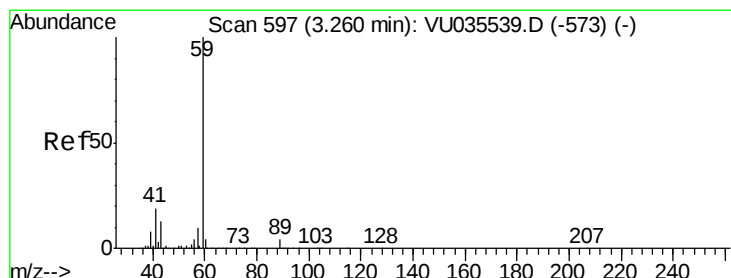
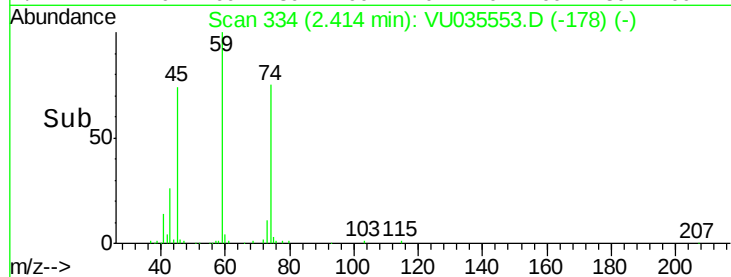
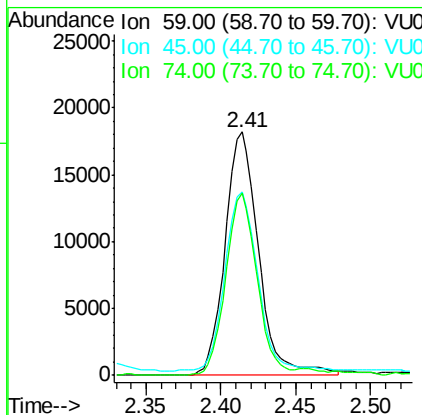
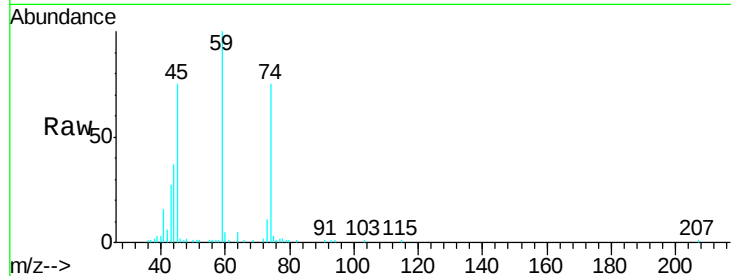
ClientSampleId :

VU1030WBSD01

Tgt Ion:	59	Resp:	28517
Ion Ratio	Lower	Upper	
59	100		
45	73.4	56.9	85.3
74	69.7	59.5	89.3

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#24

tert-Butyl Alcohol

Concen: 28.517 ug/l

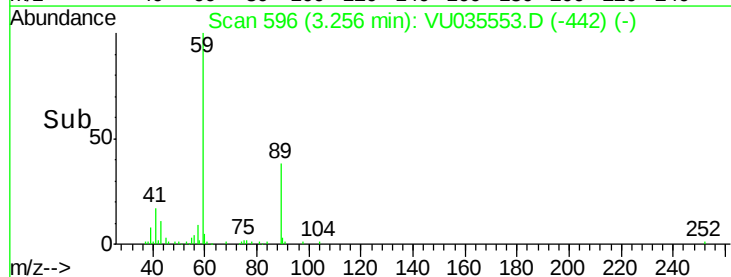
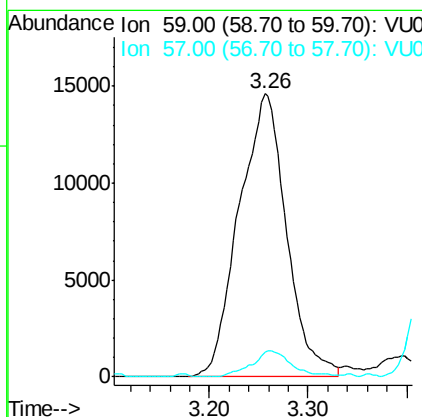
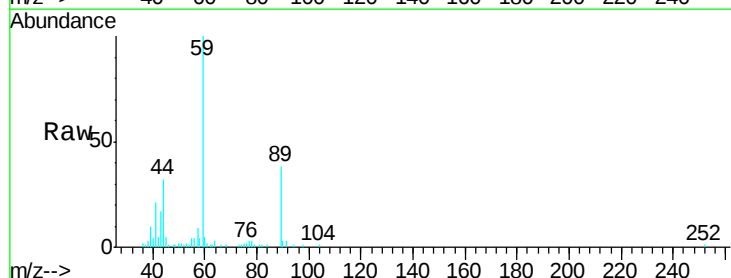
RT: 3.26 min Scan# 596

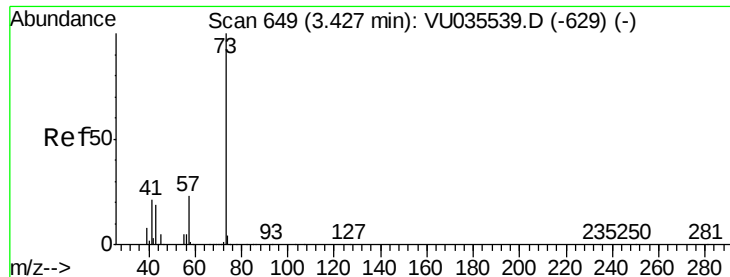
Delta R.T. -0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Tgt Ion:	59	Resp:	48617
Ion Ratio	Lower	Upper	
59	100		
57	7.5	7.4	11.0





#25

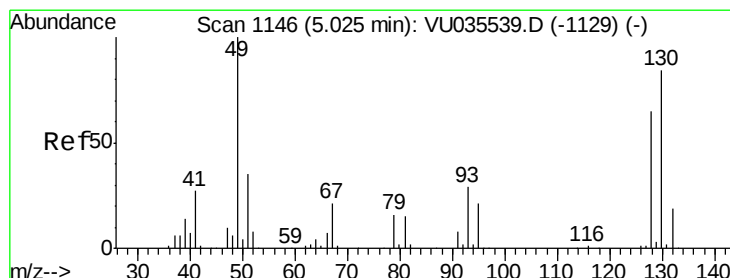
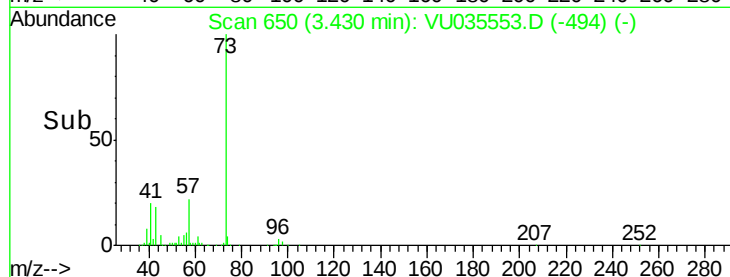
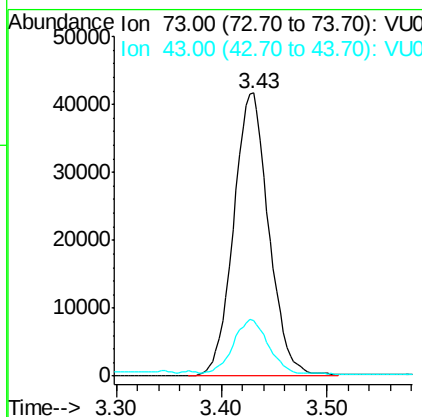
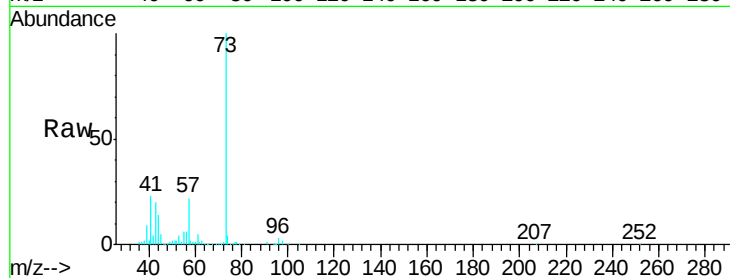
Methyl tert-Butyl Ether
Concen: 1.945 ug/l
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.5	15.4	23.2

Manual Integrations
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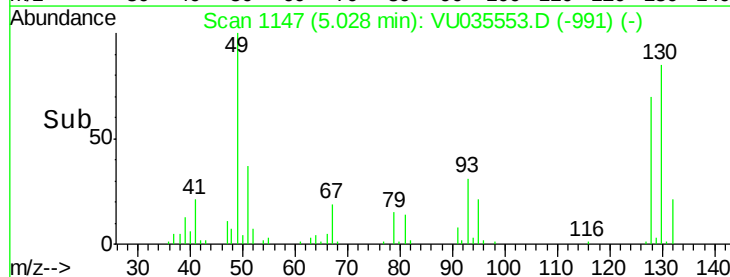
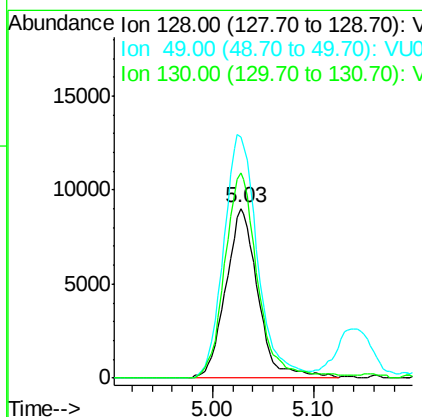
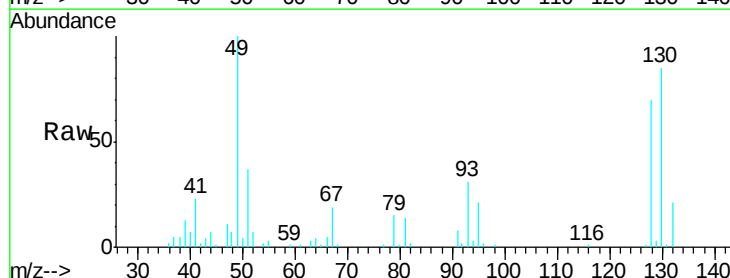
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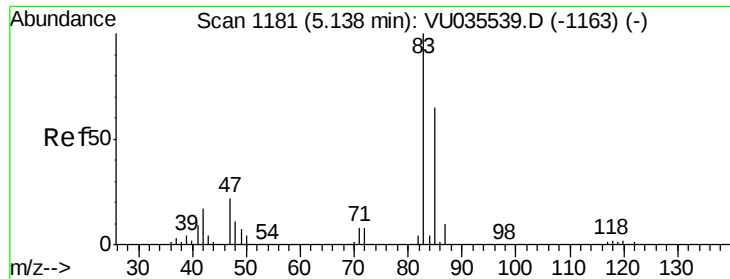


#26

Bromochloromethane
Concen: 2.064 ug/l
RT: 5.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Lower	Upper
128	100		
49	149.8	0.0	309.0
130	122.0	101.8	152.8





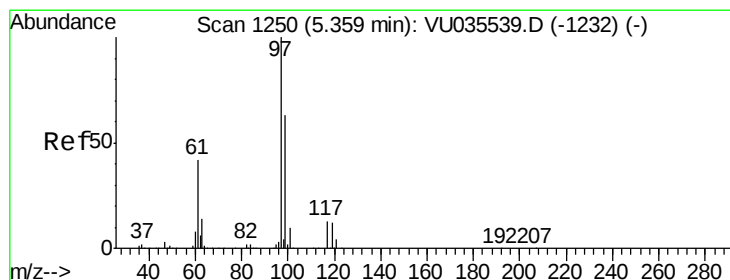
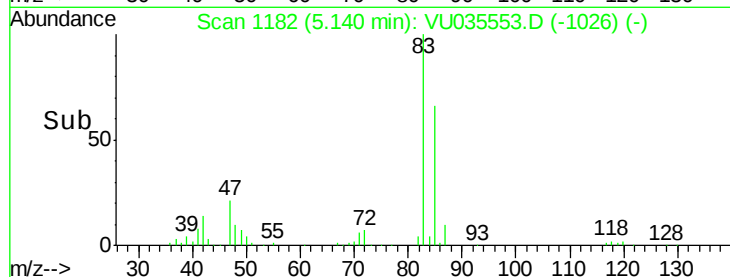
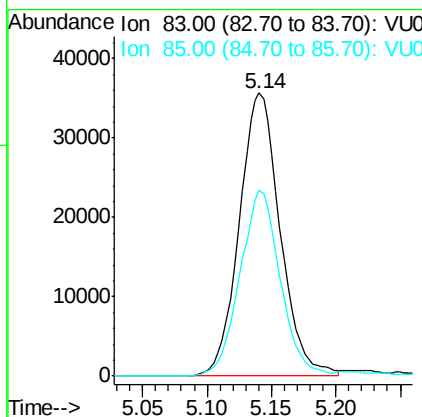
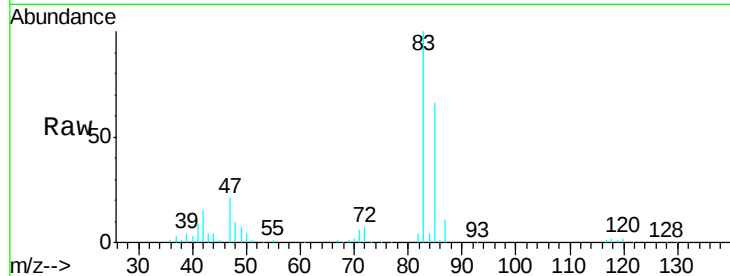
#27
Chloroform
Concen: 1.925 ug/l
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion: 83 Resp: 78598
Ion Ratio Lower Upper
83 100
85 65.5 0.0 130.6

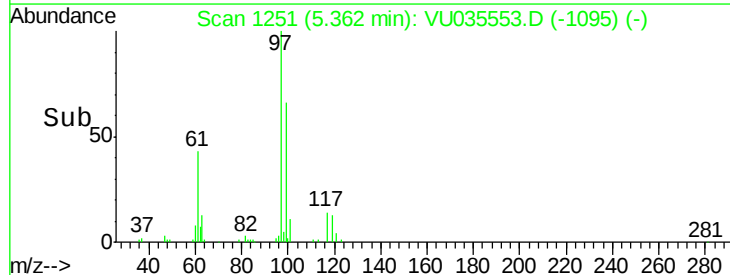
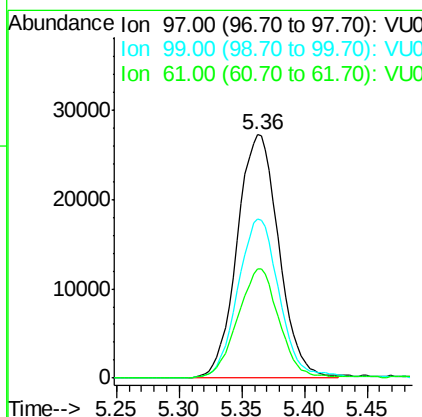
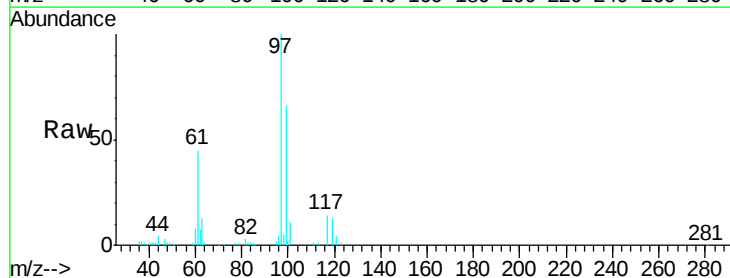
Manual Integrations
APPROVED

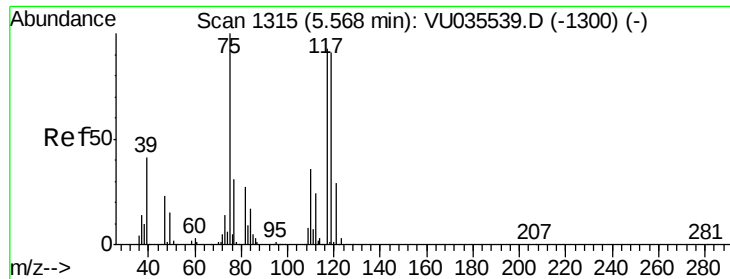
MMDadoda
10/31/2019 4:09:25 PM



#28
1,1,1-Trichloroethane
Concen: 1.947 ug/l
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion: 97 Resp: 62982
Ion Ratio Lower Upper
97 100
99 65.3 32.6 97.7
61 44.7 21.8 65.4





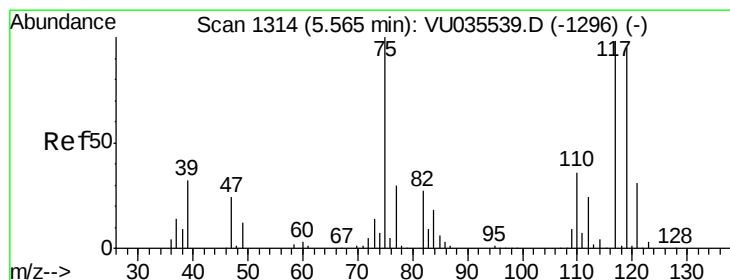
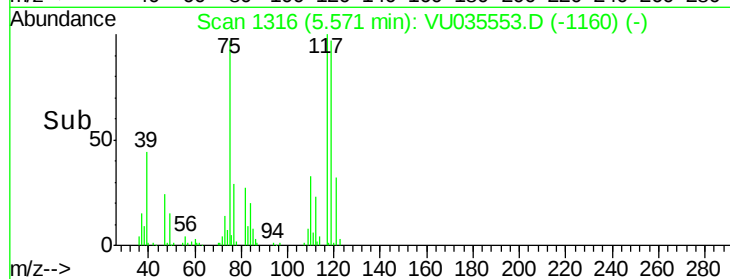
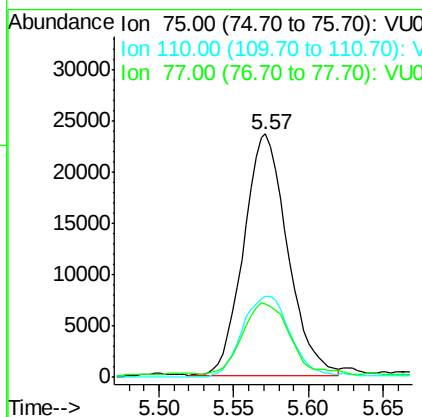
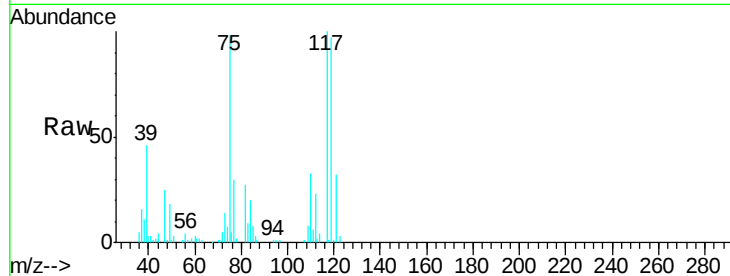
#29
 1,1-Dichloropropene
 Concen: 1.766 ug/l
 RT: 5.57 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1030WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.3	54.8
77	31.7	24.6	37.0

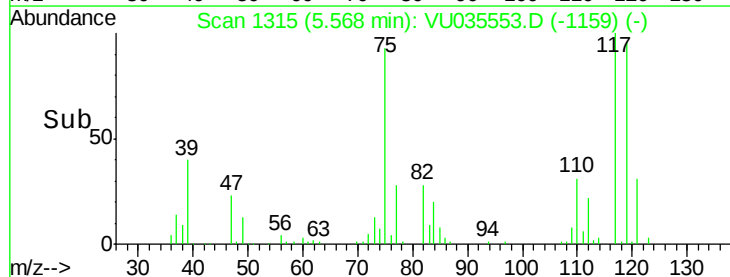
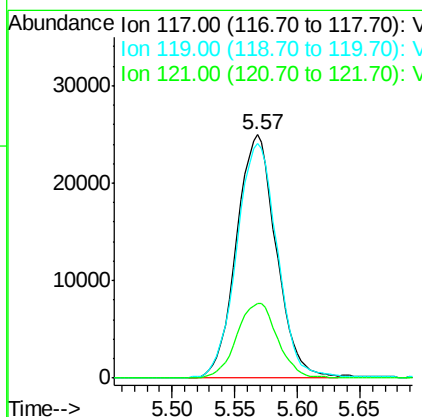
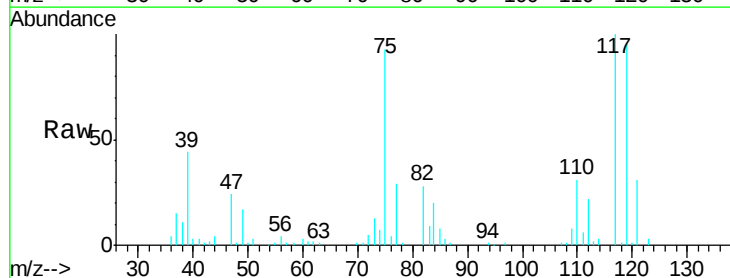
Manual Integrations
 APPROVED

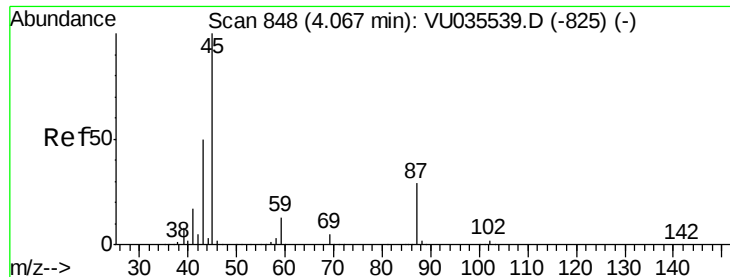
MMDadoda
 10/31/2019 4:09:25 PM



#30
 Carbon Tetrachloride
 Concen: 1.918 ug/l
 RT: 5.57 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.3	115.9
121	30.6	25.2	37.8





#31

Isopropyl Ether

Concen: 1.796 ug/l

RT: 4.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

VU1030WBSD01

Tgt Ion: 45 Resp: 95856

Ion Ratio Lower Upper

45 100

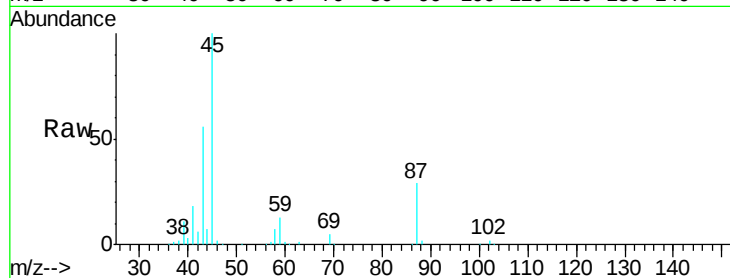
43 55.9 25.3 75.8

Manual Integrations

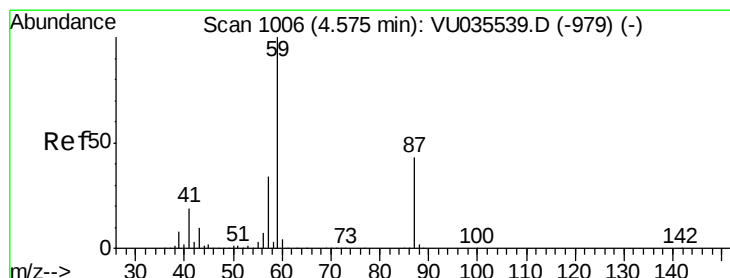
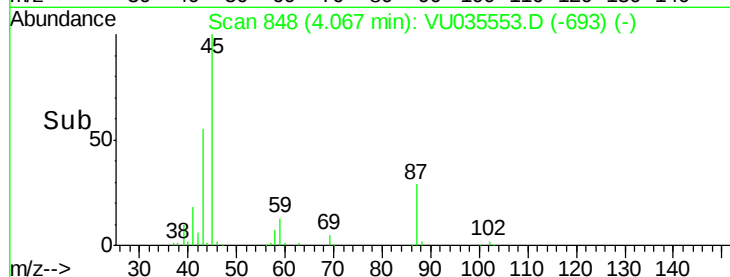
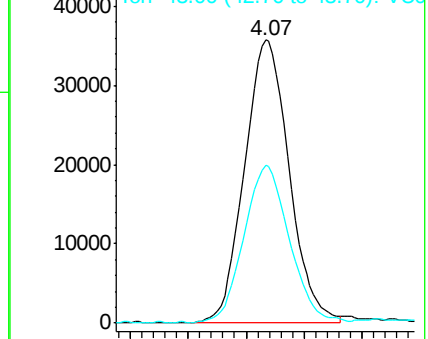
APPROVED

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Abundance Ion 45.00 (44.70 to 45.70): VU035553.D (-825) (-)



#32

Ethyl-t-butyl ether

Concen: 1.734 ug/l

RT: 4.57 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VU035553.D

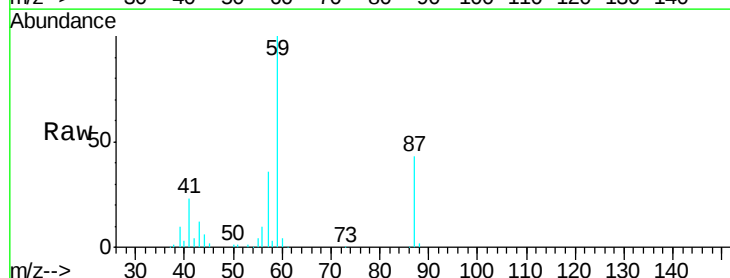
Acq: 30 Oct 2019 11:28

Tgt Ion: 59 Resp: 85686

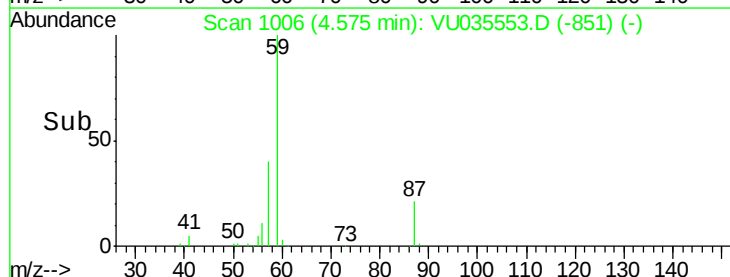
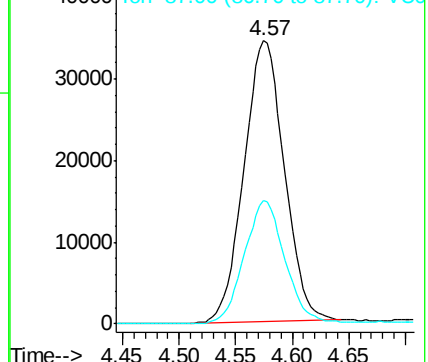
Ion Ratio Lower Upper

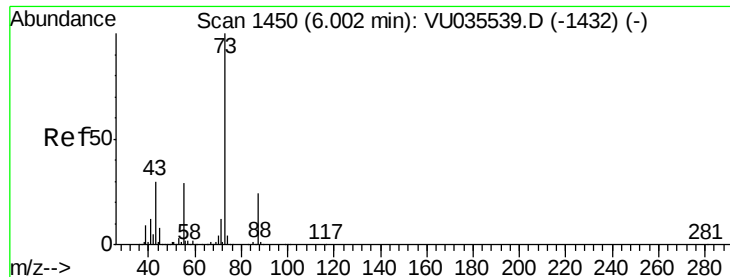
59 100

87 43.5 33.9 50.9



Abundance Ion 59.00 (58.70 to 59.70): VU035539.D (-979) (-)





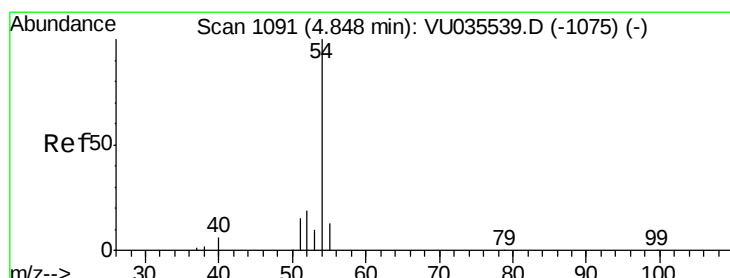
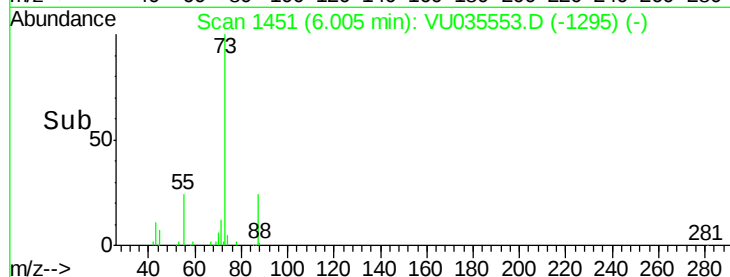
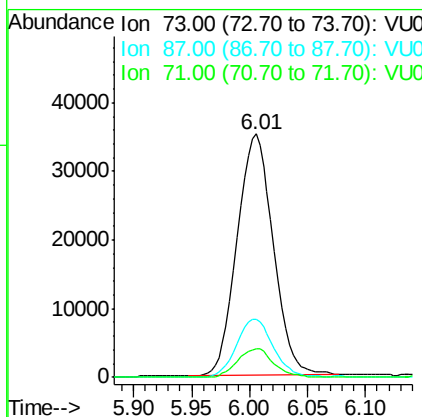
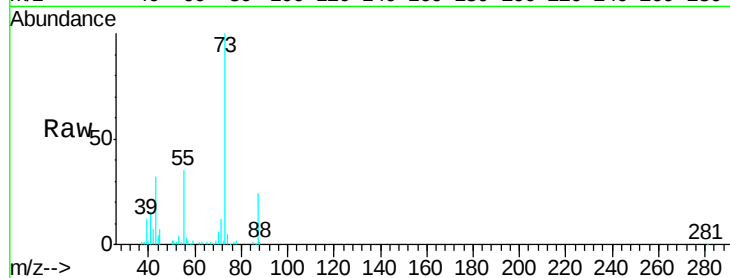
#33
Tert-Amyl methyl ether
Concen: 1.800 ug/l
RT: 6.01 min Scan# 1451
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
87	24.5	19.5	29.3
71	11.8	9.4	14.2

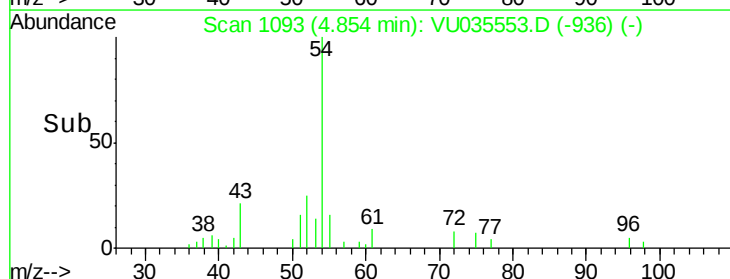
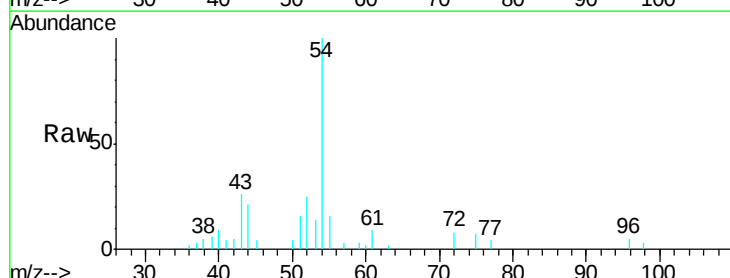
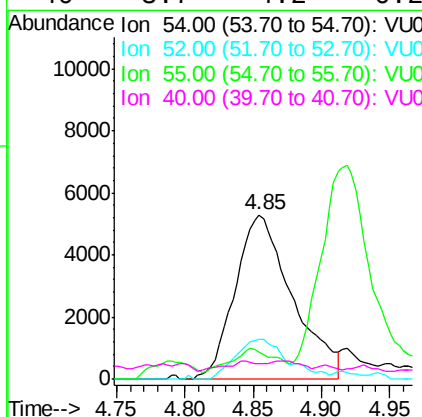
Manual Integrations
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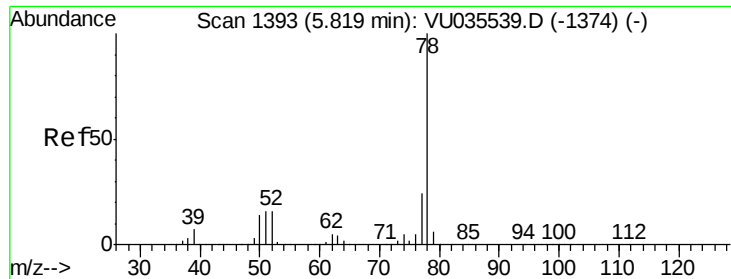
MMDadoda
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#34
Propionitrile
Concen: 9.071 ug/l
RT: 4.85 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Lower	Upper
54	100		
52	22.1	14.6	21.8#
55	11.0	11.7	17.5#
40	3.7	4.2	6.2#





#35

Benzene

Concen: 1.918 ug/l

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

VU1030WBSD01

Tgt Ion: 78 Resp: 158788

Ion Ratio Lower Upper

78 100

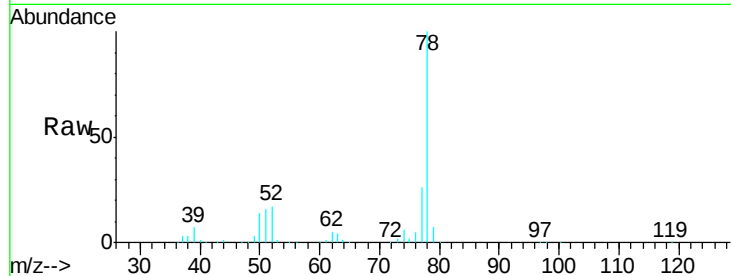
77 25.2 19.0 28.4

Manual Integrations

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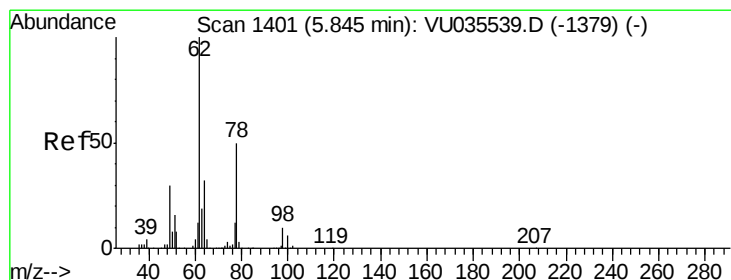
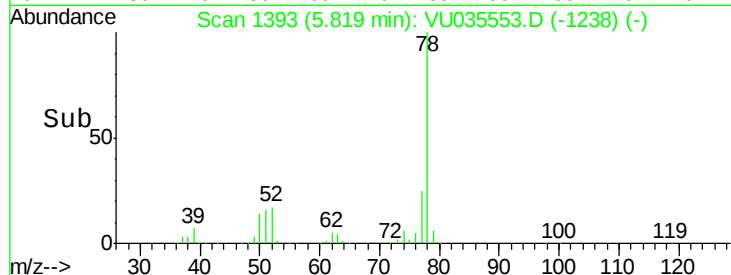
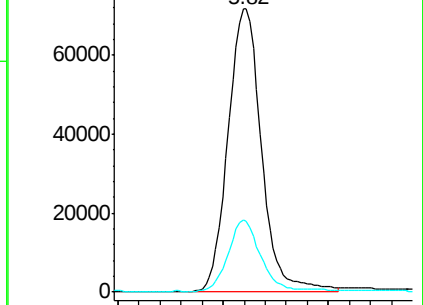
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Abundance Ion 78.10 (77.80 to 78.80): VU035539.D (-1374) (-)

Ion 77.00 (76.70 to 77.70): VU035539.D (-1374) (-)



#36

1,2-Dichloroethane

Concen: 1.941 ug/l

RT: 5.84 min Scan# 1401

Delta R.T. -0.00 min

Lab File: VU035553.D

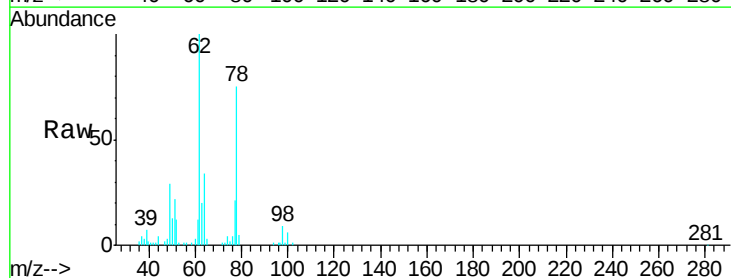
Acq: 30 Oct 2019 11:28

Tgt Ion: 62 Resp: 46025

Ion Ratio Lower Upper

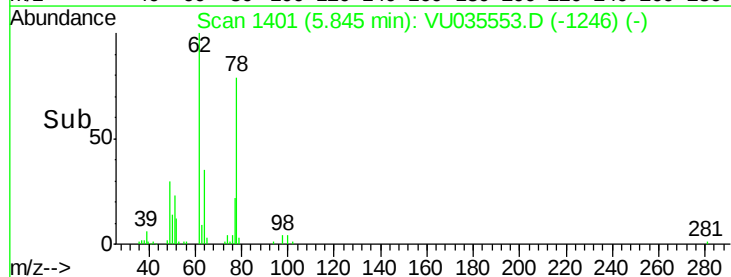
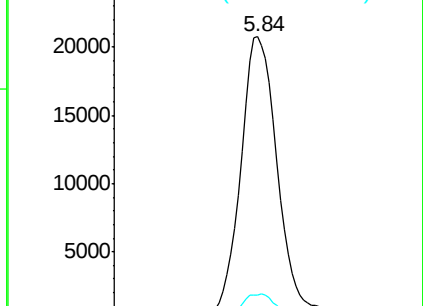
62 100

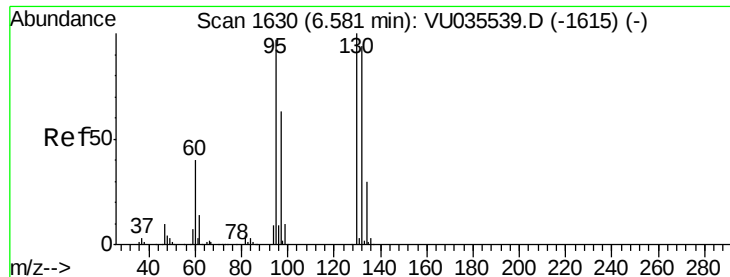
98 8.7 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VU035539.D (-1379) (-)

Ion 98.00 (97.70 to 98.70): VU035539.D (-1379) (-)





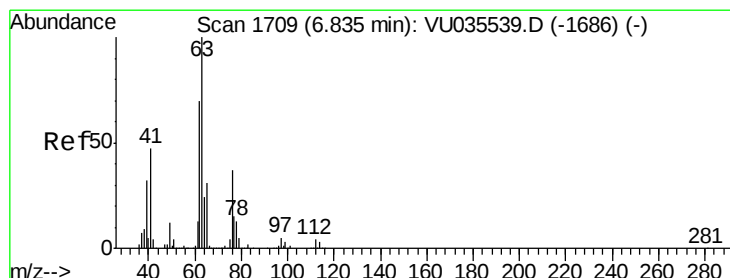
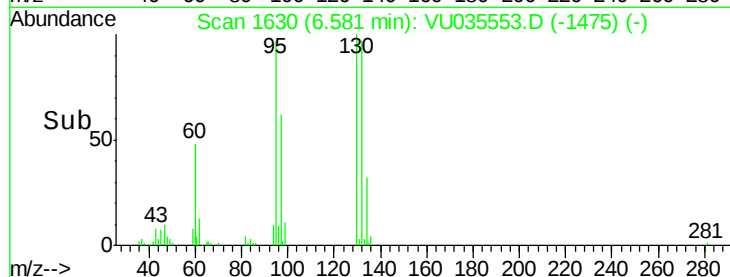
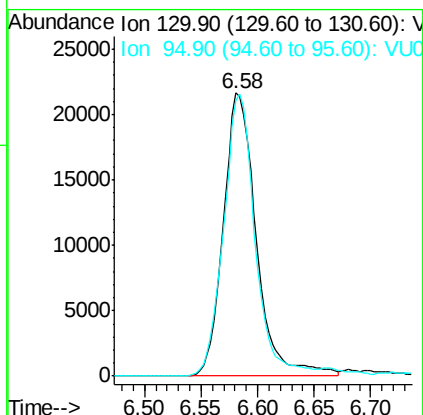
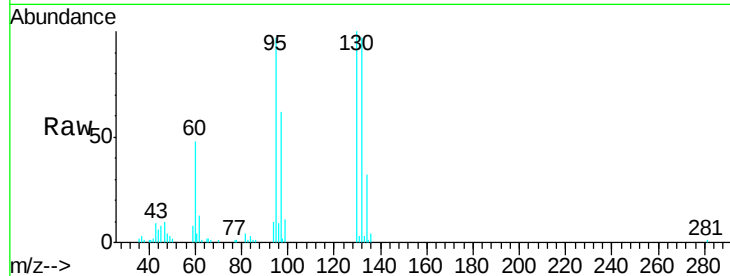
#37
 Trichloroethene
 Concen: 1.912 ug/l
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1030WBSD01

Tgt Ion: 130 Resp: 43971
 Ion Ratio Lower Upper
 130 100
 95 97.3 77.5 116.3

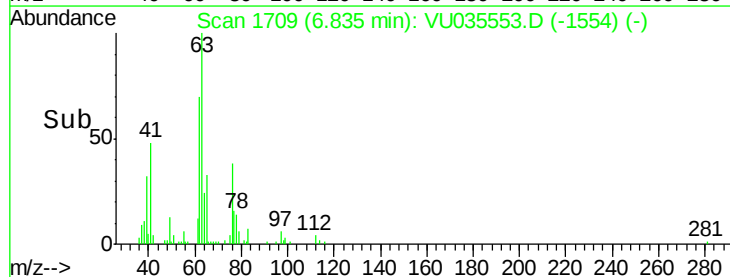
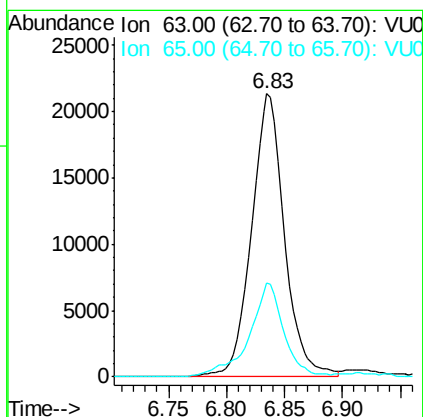
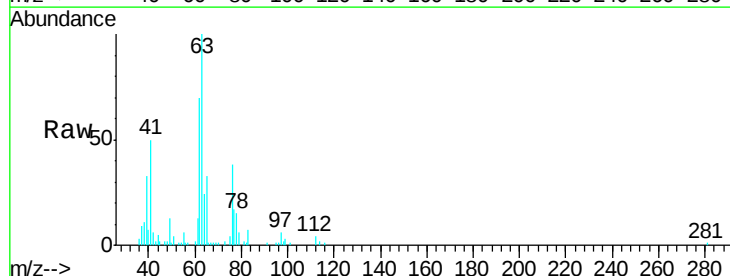
Manual Integrations
 APPROVED

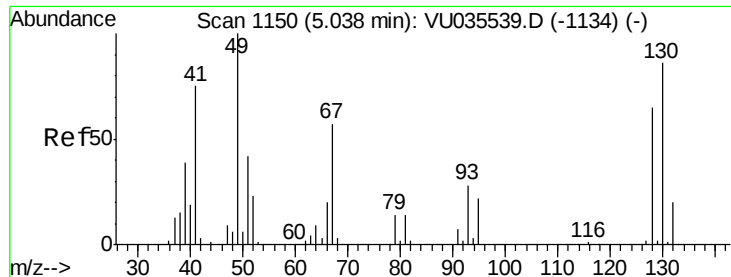
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 10/31/2019 4:09:25 PM



#38
 1,2-Dichloropropane
 Concen: 1.864 ug/l
 RT: 6.83 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Tgt Ion: 63 Resp: 42309
 Ion Ratio Lower Upper
 63 100
 65 33.3 25.0 37.6





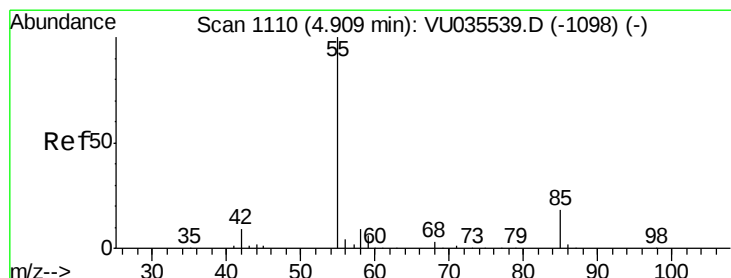
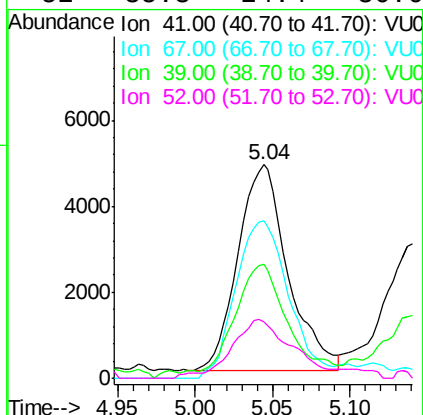
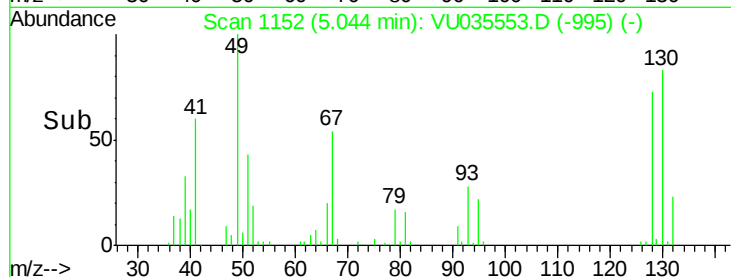
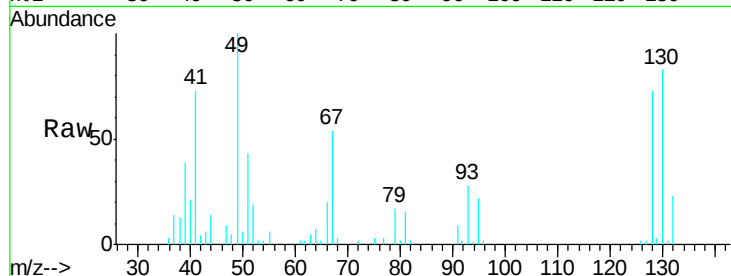
#39
Methacrylonitrile
Concen: 1.696 ug/l
RT: 5.04 min Scan# 1152
Delta R.T. 0.01 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
67	81.1	61.5	92.3
39	51.6	41.3	61.9
52	35.3	24.4	36.6

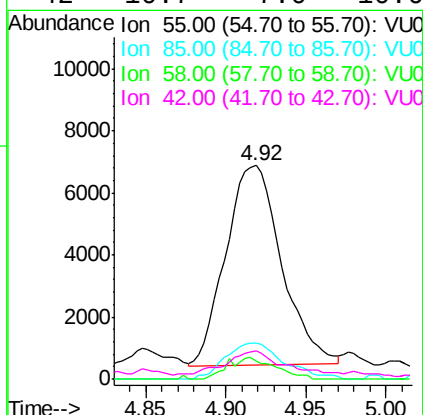
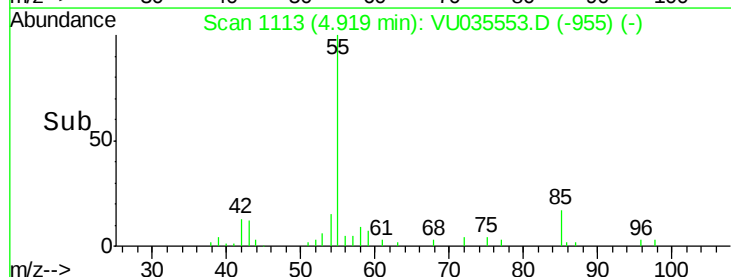
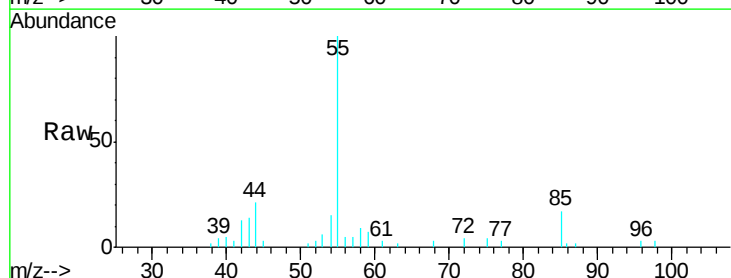
Manual Integrations
APPROVED

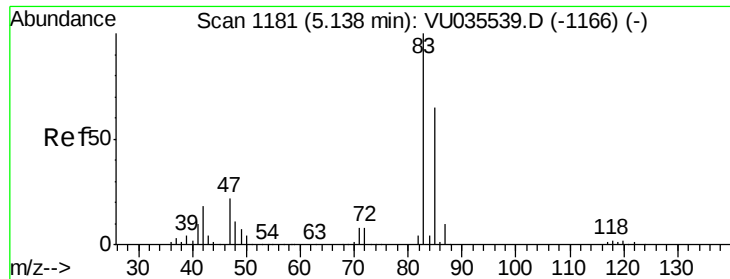
MMDadoda
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#40
Methyl acrylate
Concen: 1.595 ug/l
RT: 4.92 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Lower	Upper
55	100		
85	18.9	13.5	20.3
58	9.1	6.6	10.0
42	10.7	7.0	10.6





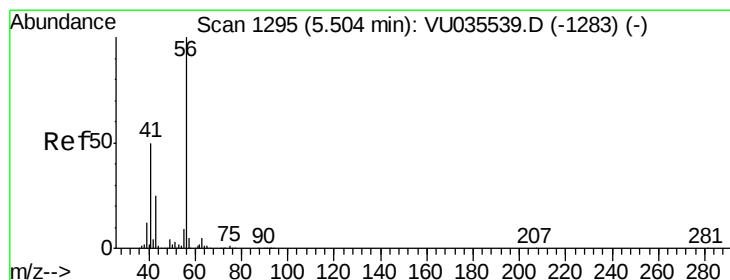
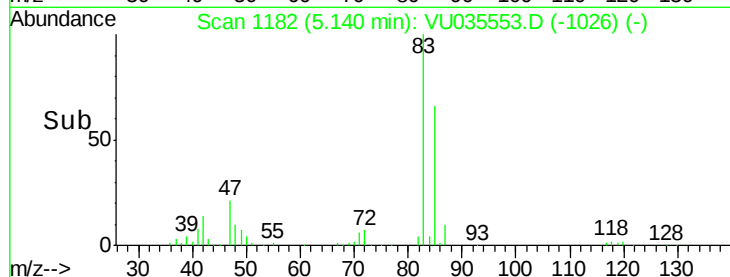
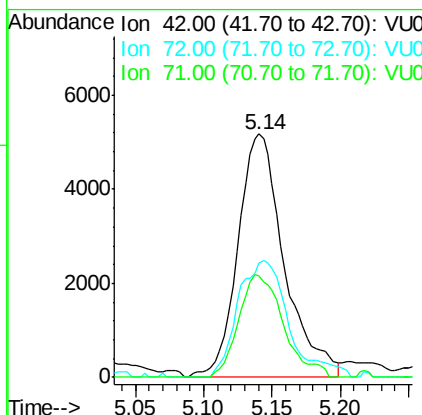
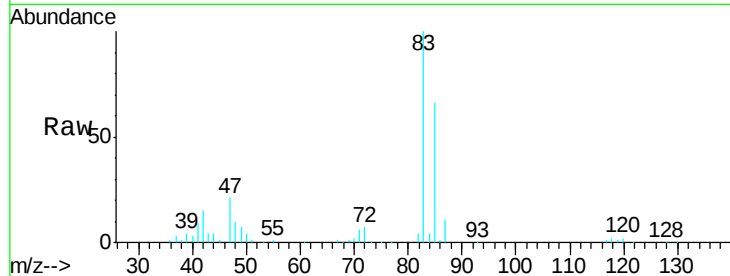
#41
Tetrahydrofuran
Concen: 3.730 ug/l
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	12215		
72	52.4	89.9	134.9#	
71	40.6	3.7	5.5#	

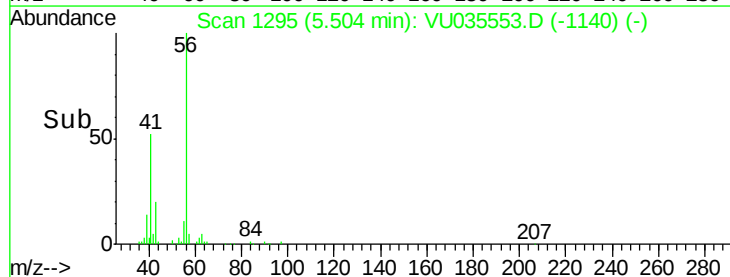
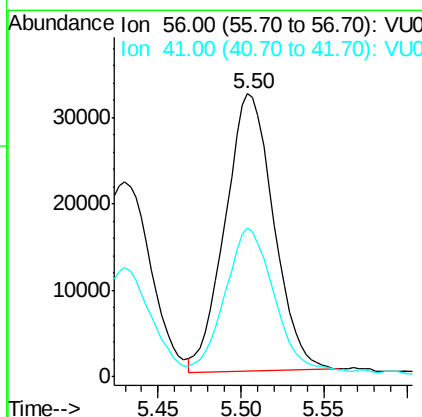
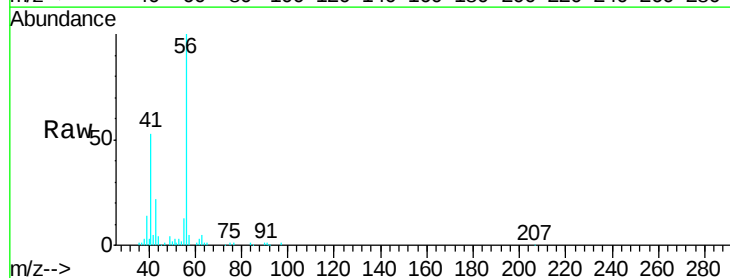
Manual Integrations
APPROVED

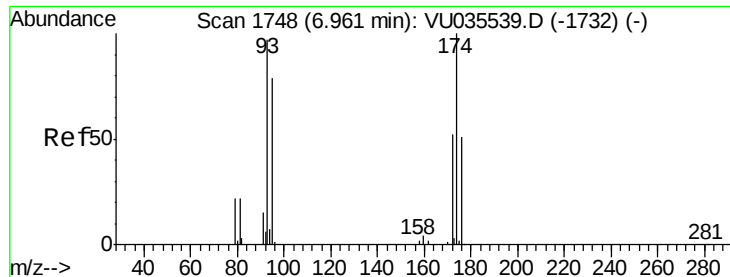
MMDadoda
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#42
1-Chlorobutane
Concen: 1.755 ug/l
RT: 5.50 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	65510		
41	52.0	25.5	76.5	





#43

Dibromomethane

Concen: 1.869 ug/l

RT: 6.96 min Scan# 1749

Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

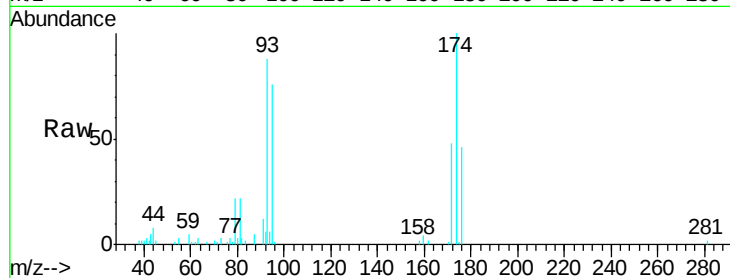
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VU1030WBSD01

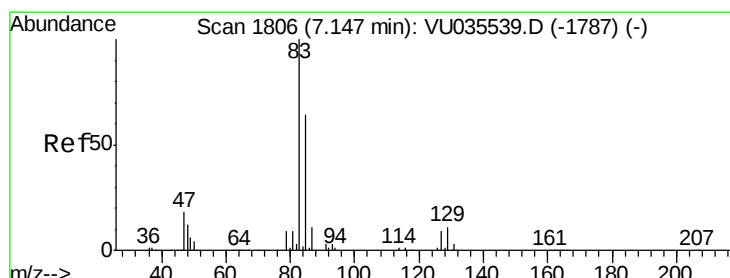
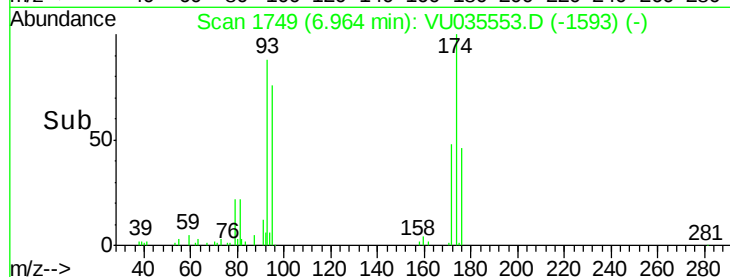
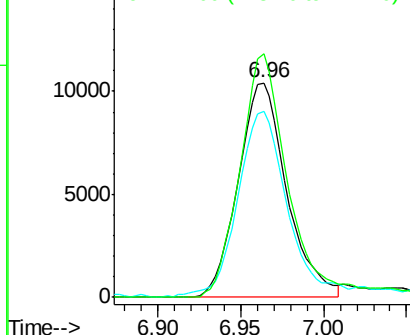
Tgt Ion:	93	Resp:	21188
Ion	Ratio	Lower	Upper
93	100		
95	88.4	65.1	97.7
174	114.6	84.2	126.4

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Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 1.953 ug/l

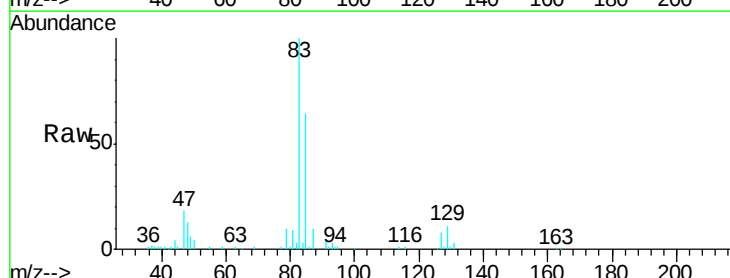
RT: 7.15 min Scan# 1807

Delta R.T. 0.00 min

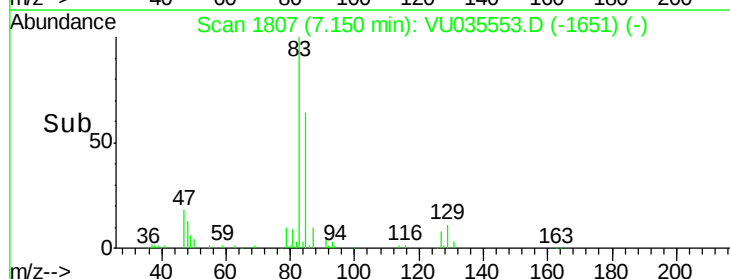
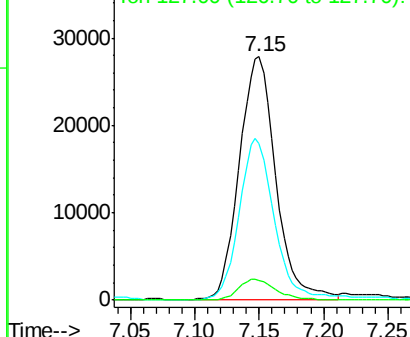
Lab File: VU035553.D

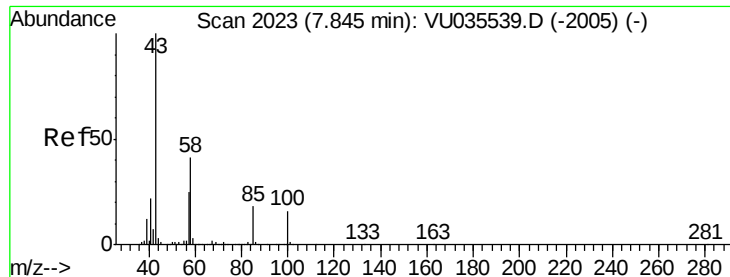
Acq: 30 Oct 2019 11:28

Tgt Ion:	83	Resp:	55185
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.6	77.4
127	8.3	7.0	10.4



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V





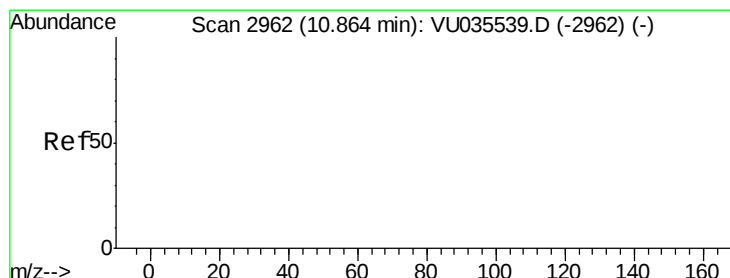
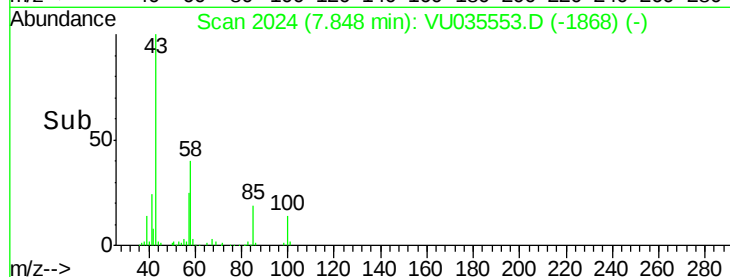
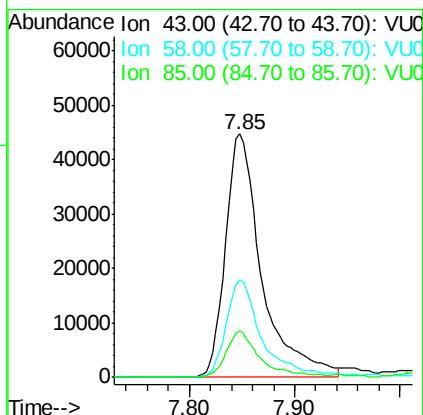
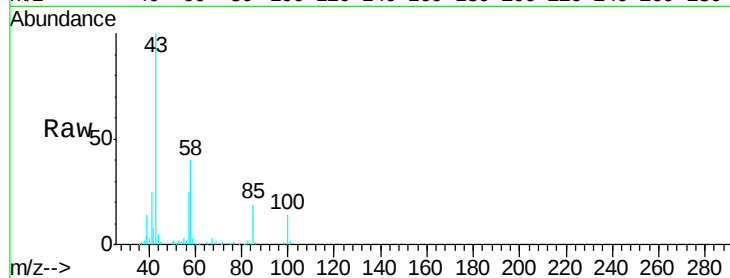
#45
 4-Methyl-2-Pentanone
 Concen: 8.841 ug/l
 RT: 7.85 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1030WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.6	20.6	61.8
85	17.9	14.5	21.7

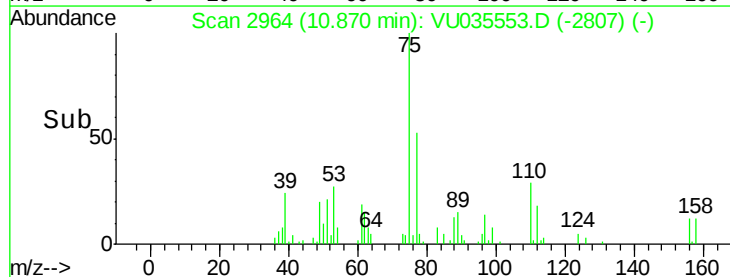
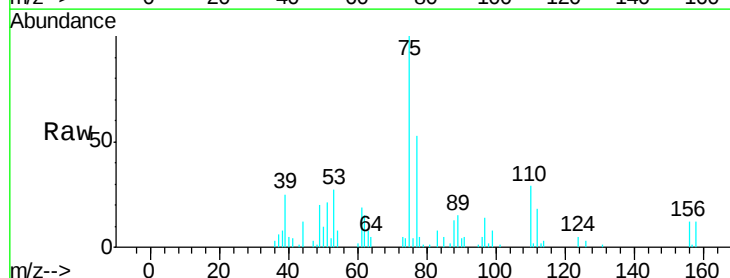
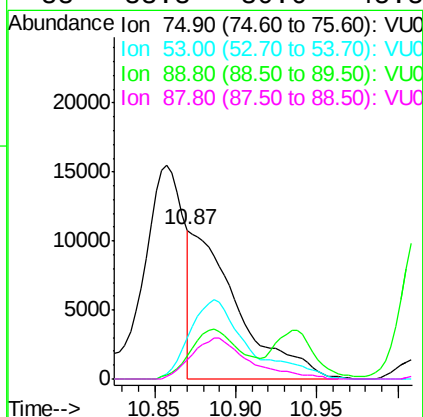
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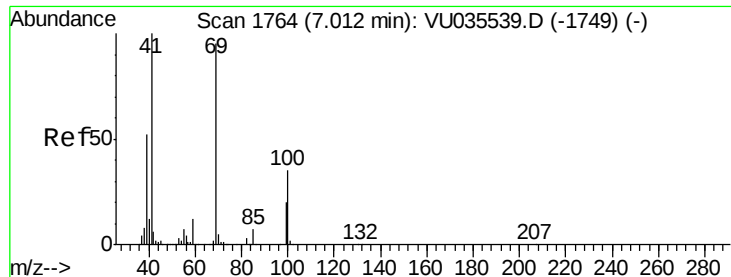
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#46
 t-1,4-Dichloro-2-butene
 Concen: 4.979 ug/l m
 RT: 10.87 min Scan# 2964
 Delta R.T. 0.01 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
53	65.4	54.1	81.1
89	35.3	38.2	57.4
88	33.3	30.6	45.8





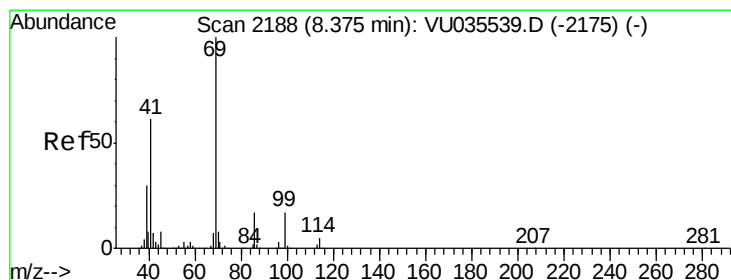
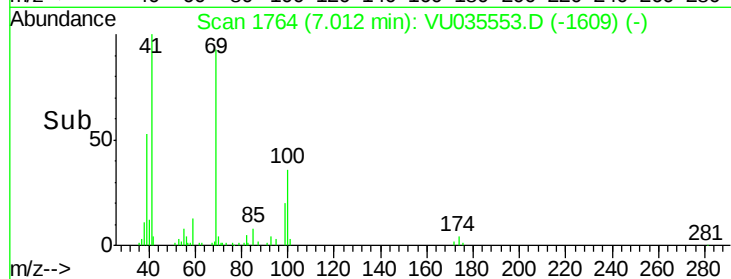
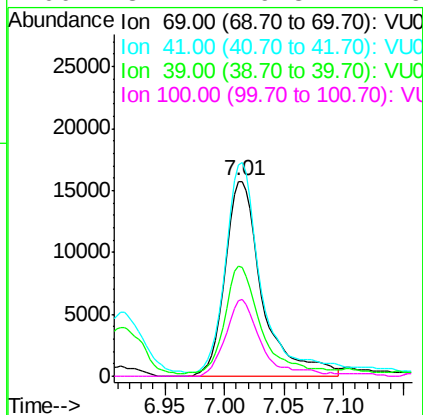
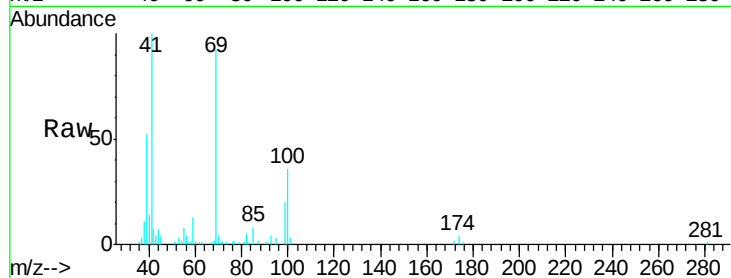
#47
Methyl methacrylate
Concen: 3.638 ug/l
RT: 7.01 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	103.1	0.0	216.8
39	52.9	45.1	67.7
100	37.4	29.8	44.6

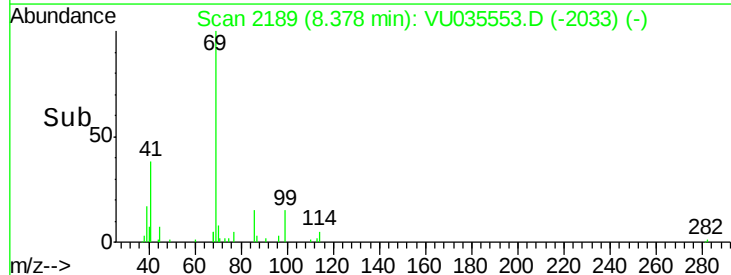
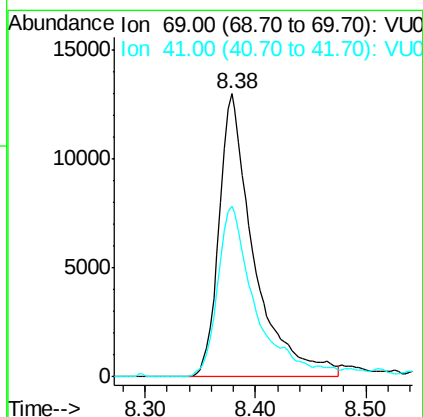
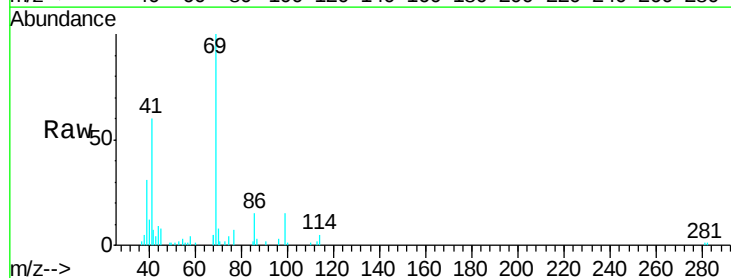
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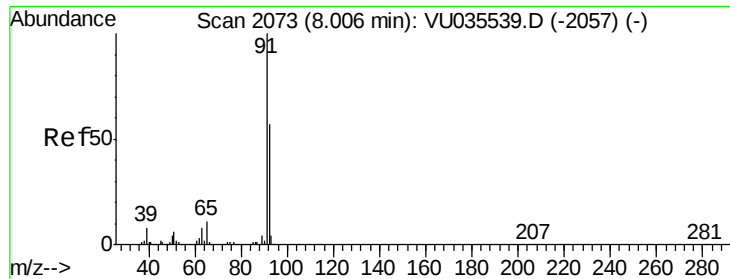
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#48
Ethyl methacrylate
Concen: 1.738 ug/l
RT: 8.38 min Scan# 2189
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.2	30.4	91.2





#49

Toluene

Concen: 1.883 ug/l

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

VU1030WBSD01

Tgt Ion: 92 Resp: 89627

Ion Ratio Lower Upper

92 100

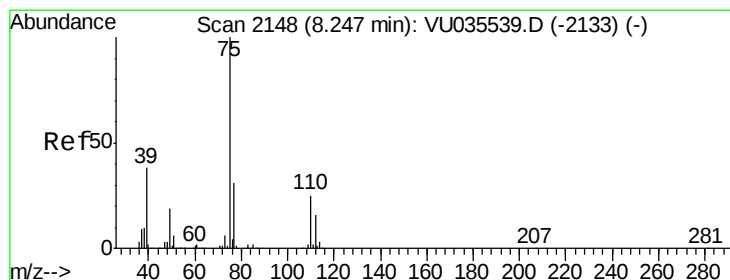
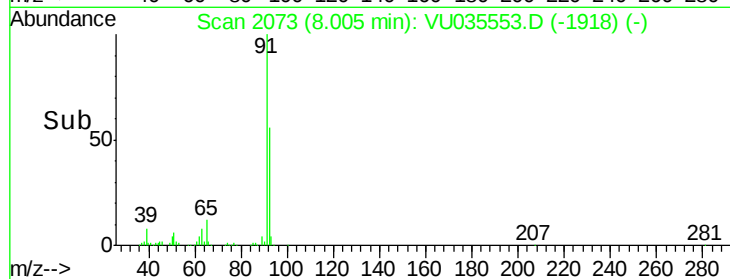
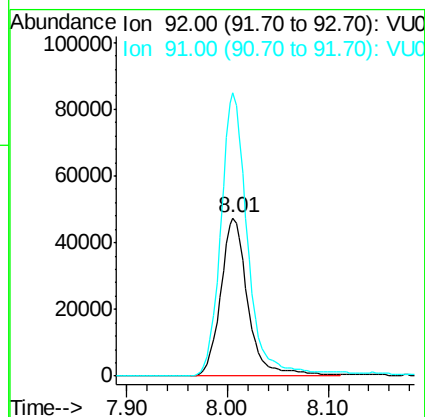
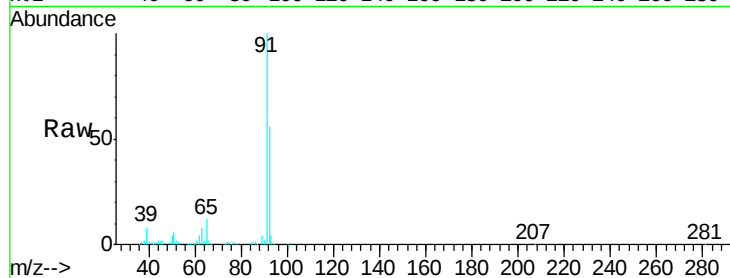
91 174.4 141.4 212.0

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#50

t-1,3-Dichloropropene

Concen: 1.863 ug/l

RT: 8.25 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU035553.D

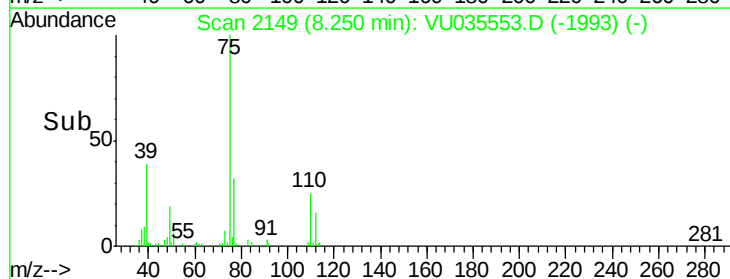
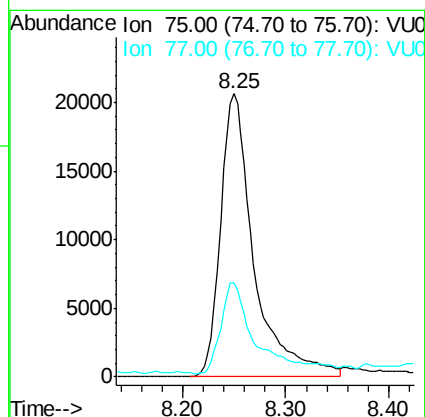
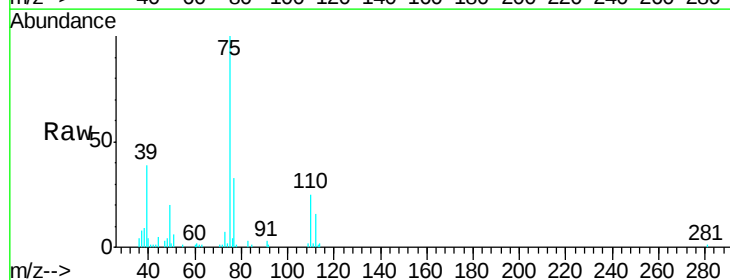
Acq: 30 Oct 2019 11:28

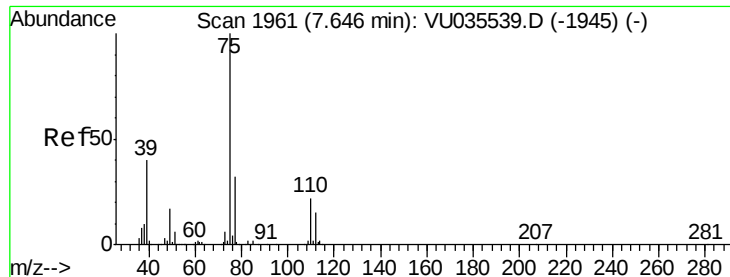
Tgt Ion: 75 Resp: 46611

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8





#51

cis-1,3-Dichloropropene

Concen: 1.766 ug/l

RT: 7.65 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

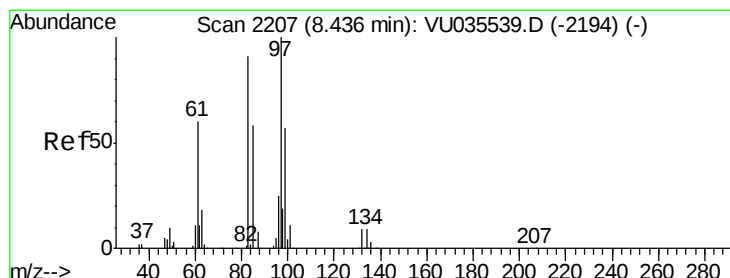
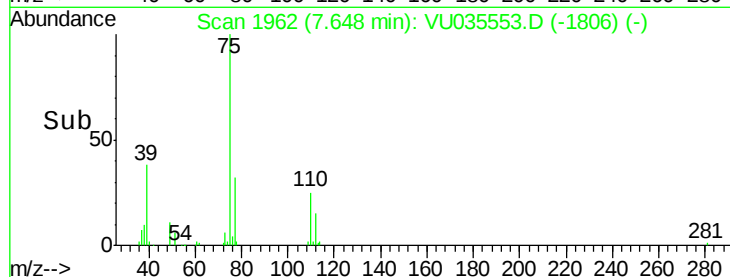
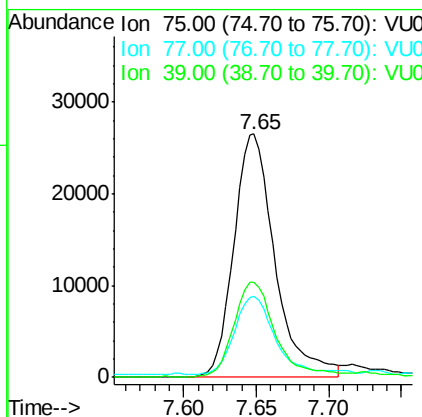
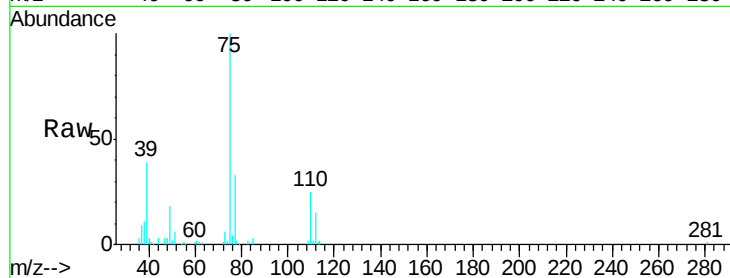
ClientSampleId :

VU1030WBSD01

Tgt Ion:	75	Resp:	52409
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8
39	39.0	32.1	48.1

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#52

1,1,2-Trichloroethane

Concen: 1.999 ug/l

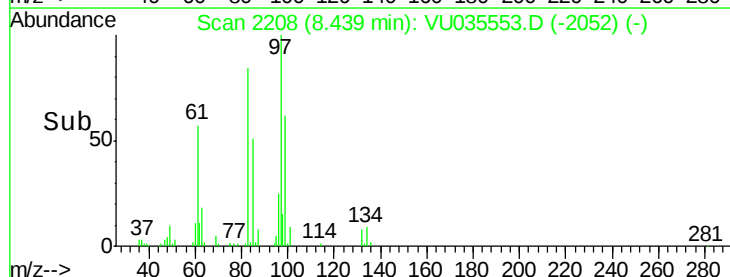
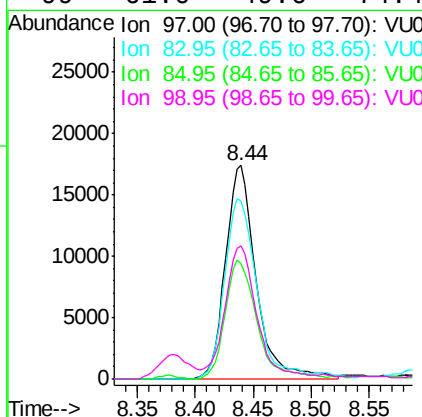
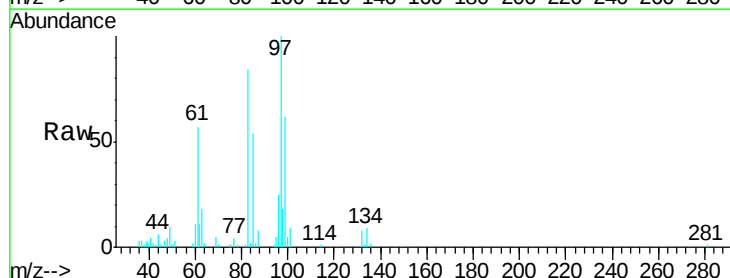
RT: 8.44 min Scan# 2208

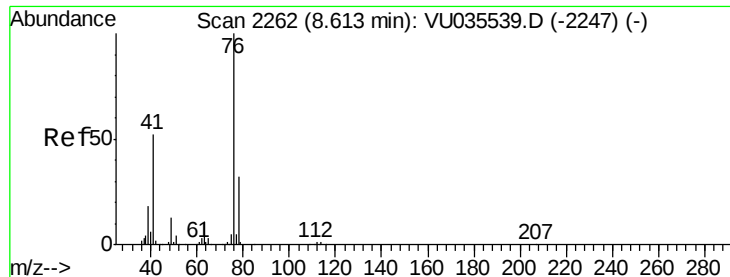
Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Tgt Ion:	97	Resp:	31769
Ion	Ratio	Lower	Upper
97	100		
83	83.5	72.6	108.8
85	54.0	46.4	69.6
99	61.0	49.6	74.4





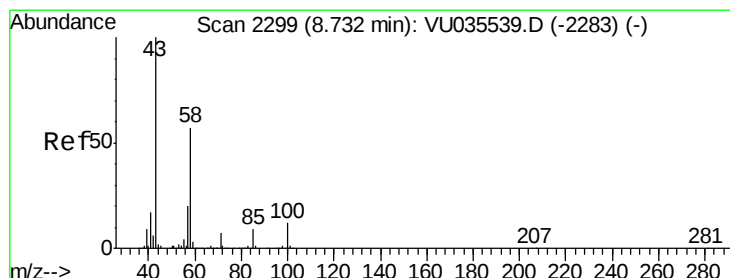
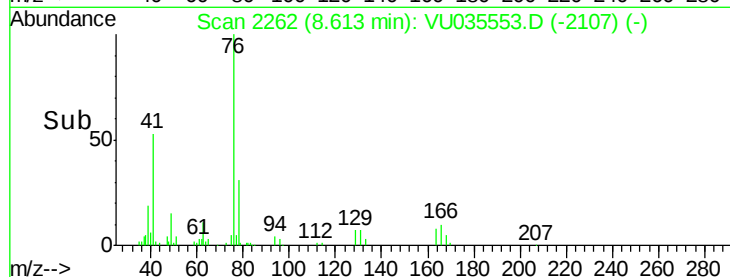
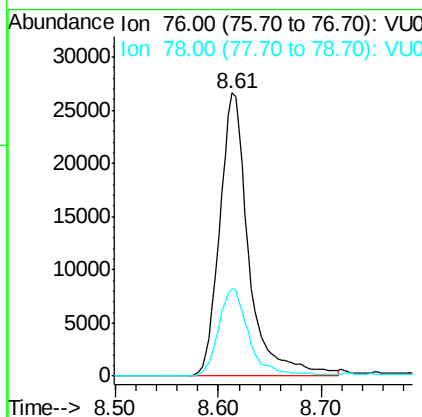
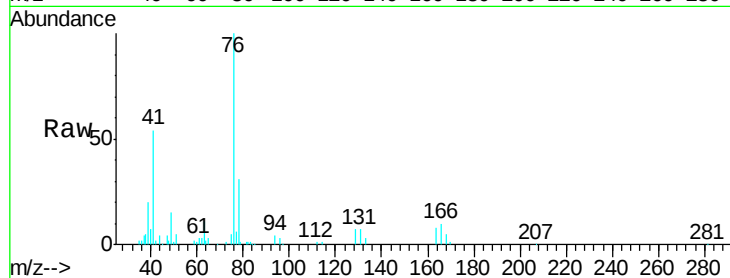
#53
 1,3-Dichloropropane
 Concen: 1.944 ug/l
 RT: 8.61 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1030WBSD01

Tgt Ion: 76 Resp: 52362
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4

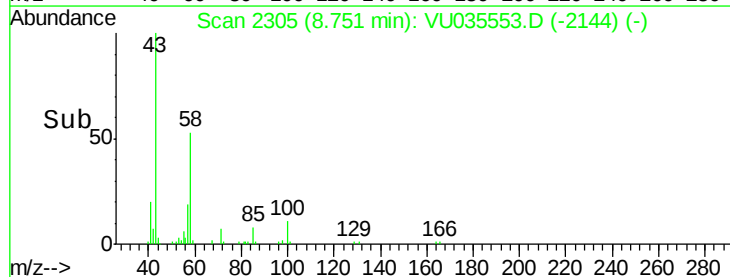
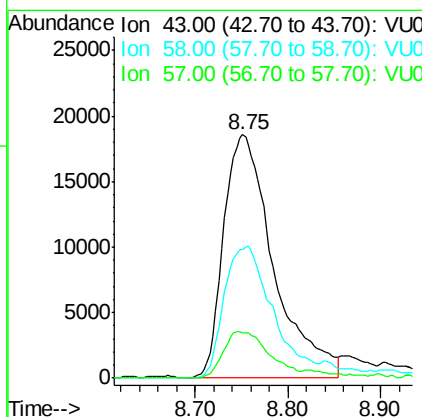
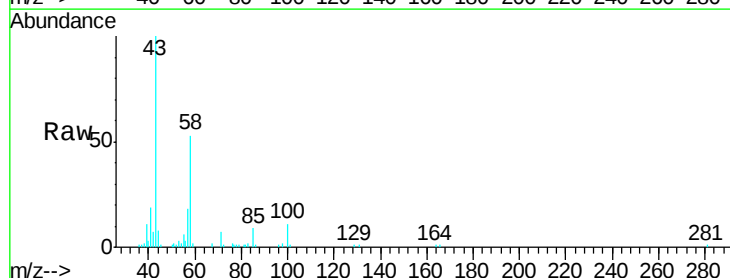
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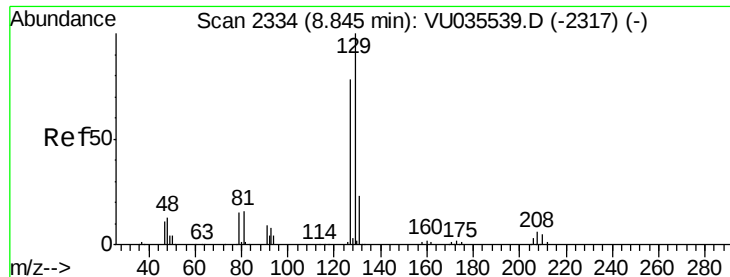
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#54
 2-Hexanone
 Concen: 8.107 ug/l
 RT: 8.75 min Scan# 2305
 Delta R.T. 0.02 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Tgt Ion: 43 Resp: 69657
 Ion Ratio Lower Upper
 43 100
 58 52.4 37.2 77.2
 57 17.6 0.0 39.1





#55

Dibromochloromethane

Concen: 2.041 ug/l

RT: 8.84 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

VU1030WBSD01

Tgt Ion:129 Resp: 39589

Ion Ratio Lower Upper

129 100

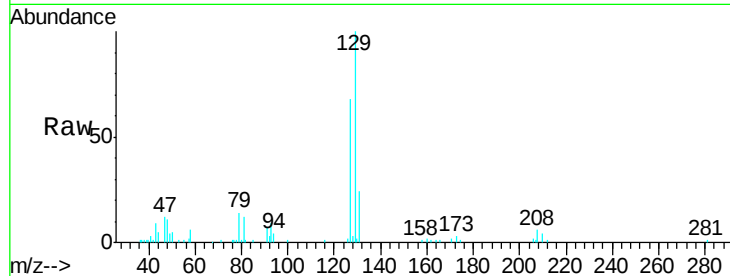
127 71.9 62.3 93.5

Manual Integrations

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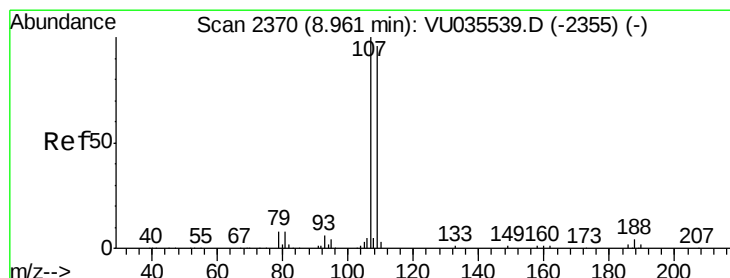
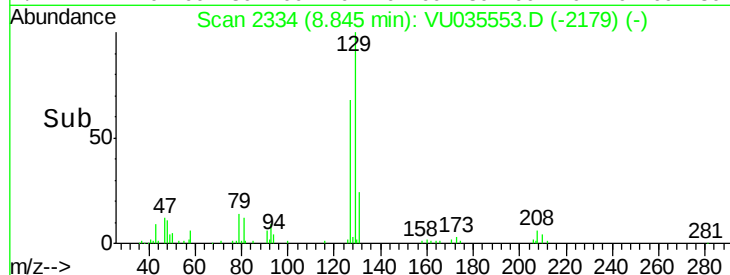
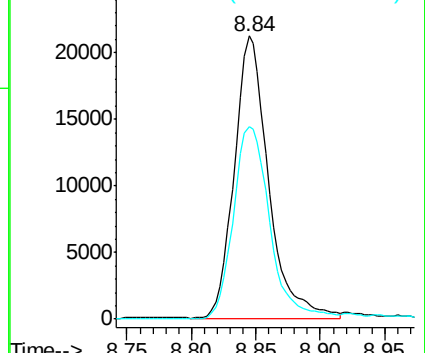
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.972 ug/l

RT: 8.96 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VU035553.D

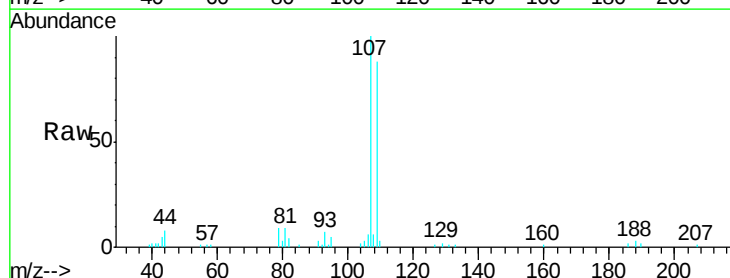
Acq: 30 Oct 2019 11:28

Tgt Ion:107 Resp: 28666

Ion Ratio Lower Upper

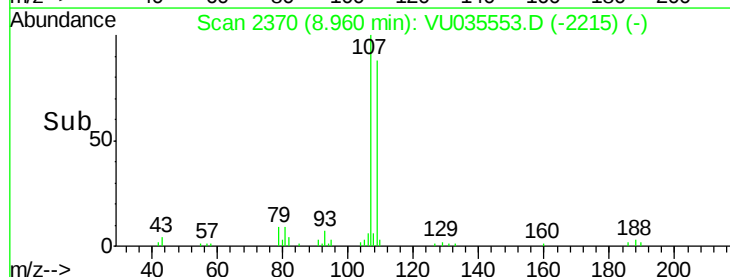
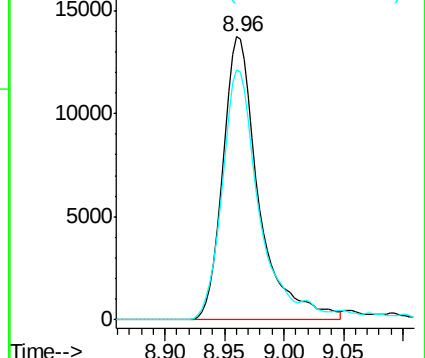
107 100

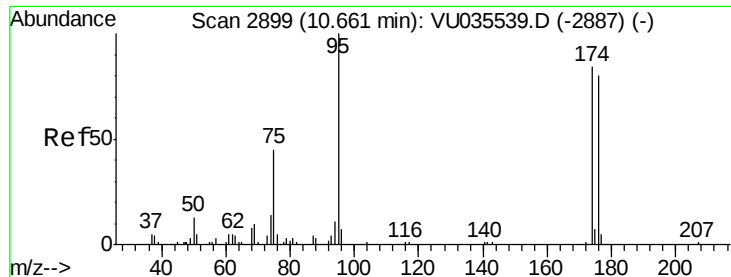
109 87.3 0.0 191.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





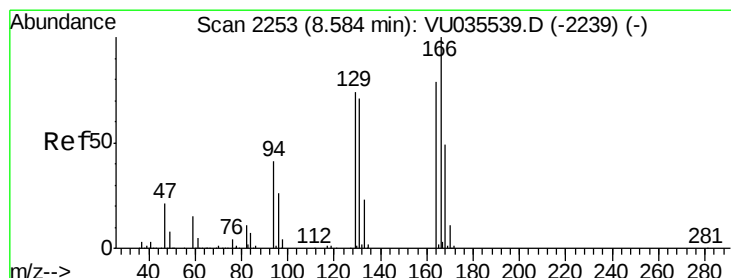
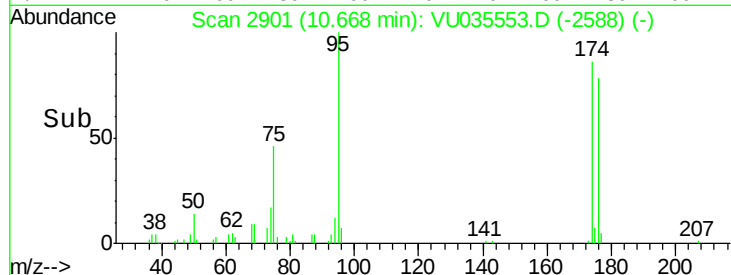
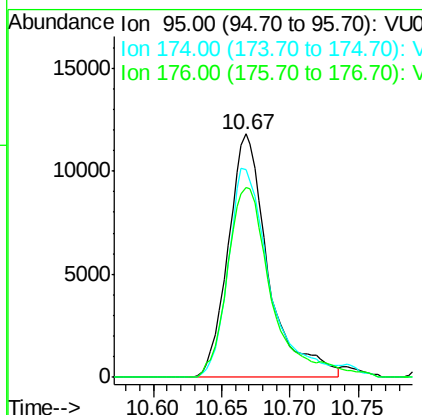
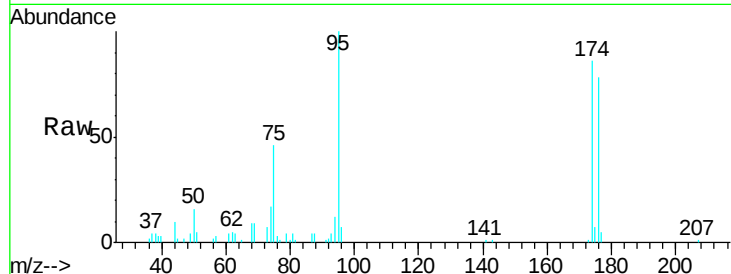
#57
4-Bromofluorobenzene
Concen: 0.993 ug/l
RT: 10.67 min Scan# 2901
Delta R.T. 0.01 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.5	70.2	105.4
176	86.1	67.7	101.5

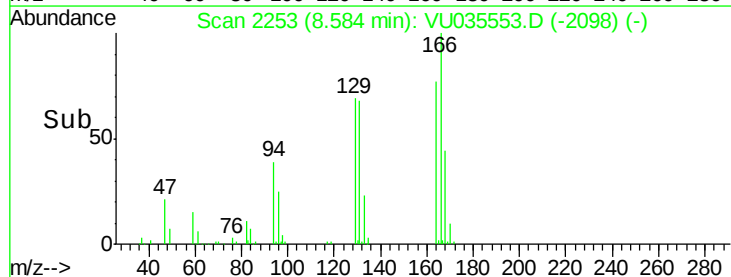
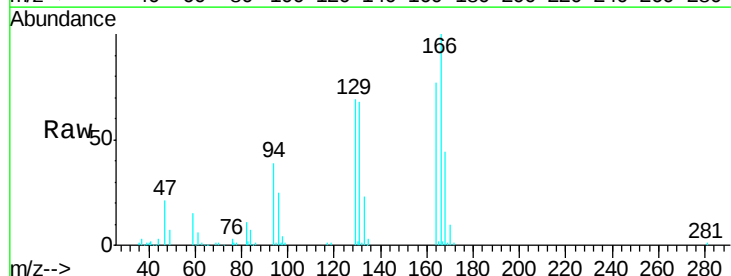
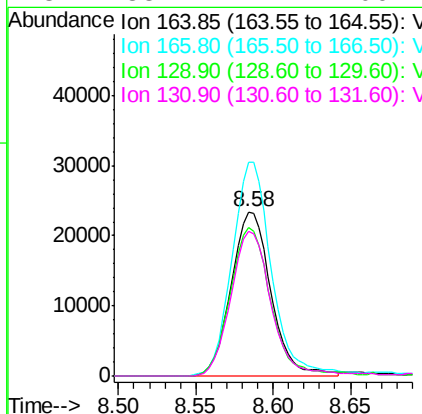
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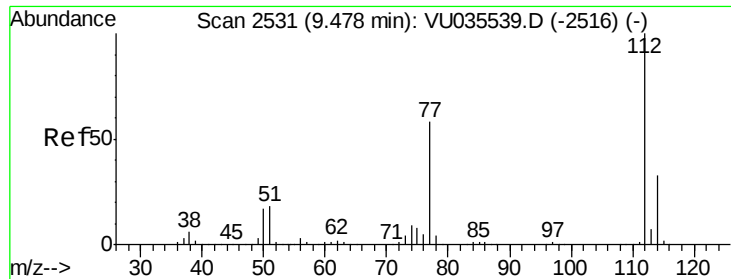
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#58
Tetrachloroethene
Concen: 1.981 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	100.6	151.0
129	90.2	74.1	111.1
131	88.4	71.1	106.7





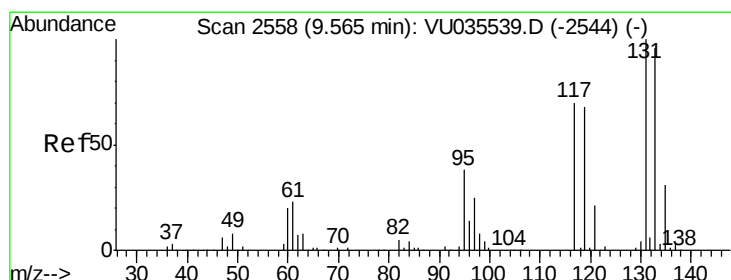
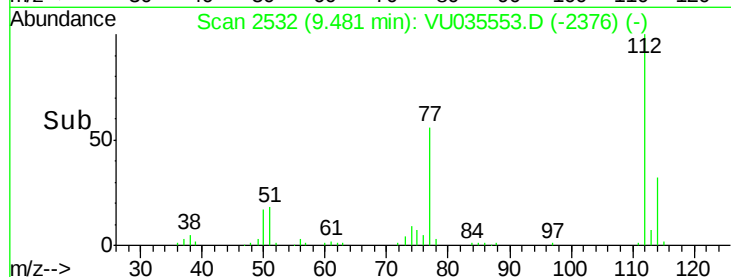
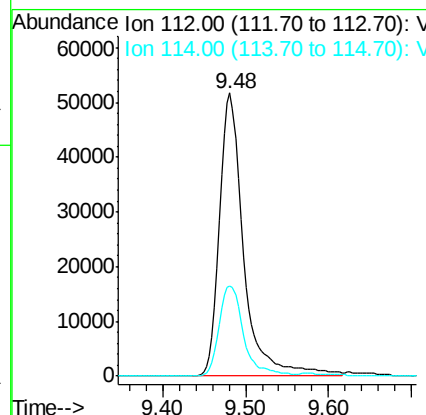
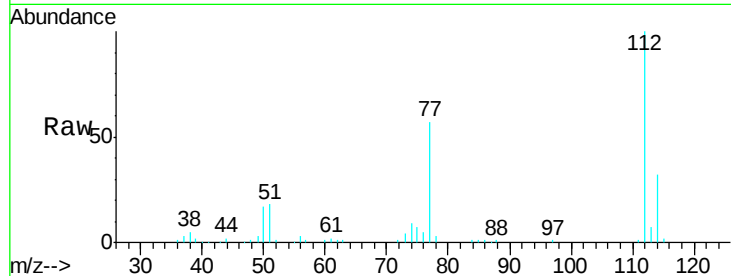
#59
Chlorobenzene
Concen: 1.914 ug/l
RT: 9.48 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion:112 Resp: 105042
Ion Ratio Lower Upper
112 100
114 31.9 26.5 39.7

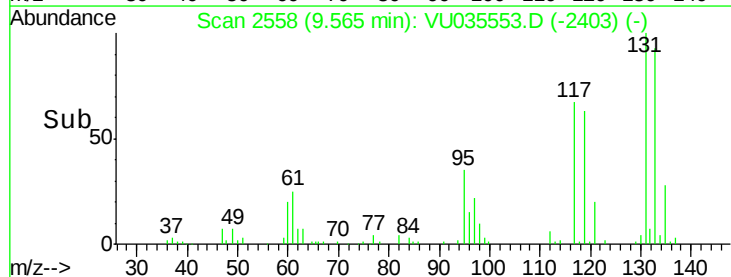
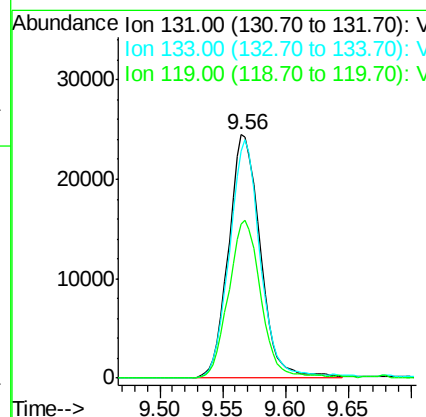
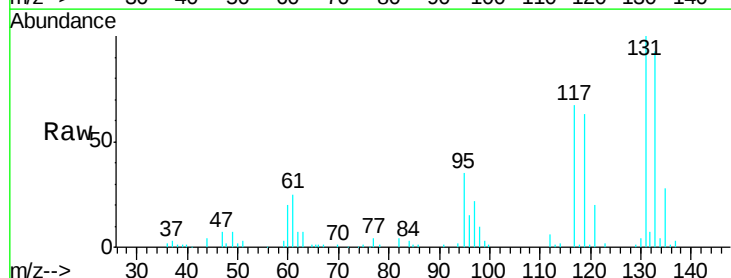
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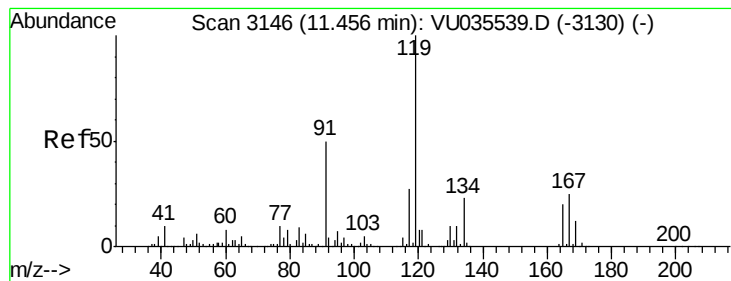
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#60
1,1,1,2-Tetrachloroethane
Concen: 2.047 ug/l
RT: 9.56 min Scan# 2558
Delta R.T. -0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion:131 Resp: 43202
Ion Ratio Lower Upper
131 100
133 94.2 76.9 115.3
119 65.4 53.6 80.4





#61

Pentachloroethane

Concen: 1.947 ug/l

RT: 11.46 min Scan# 3146

Delta R.T. -0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

VU1030WBSD01

Tgt Ion:117 Resp: 33489

Ion Ratio Lower Upper

117 100

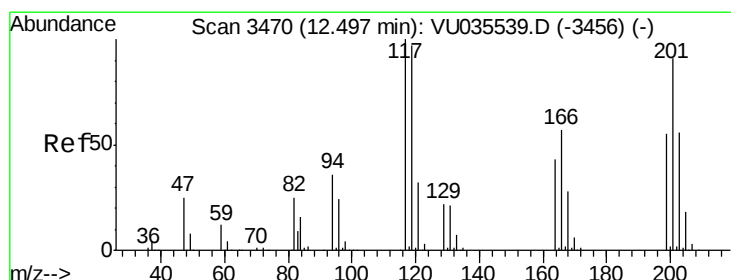
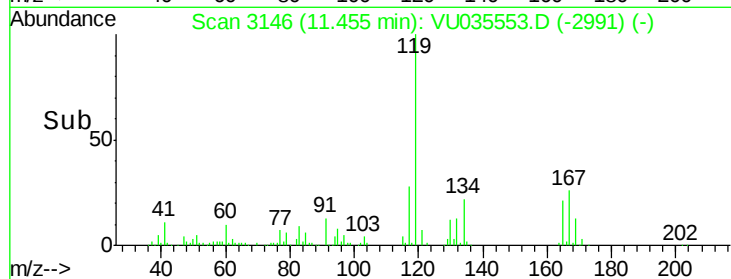
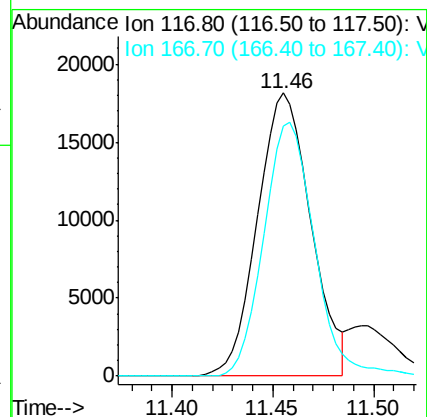
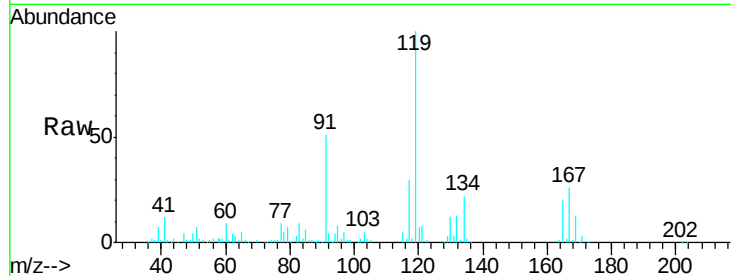
167 84.9 69.8 104.6

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#62

Hexachloroethane

Concen: 1.871 ug/l

RT: 12.50 min Scan# 3471

Delta R.T. 0.00 min

Lab File: VU035553.D

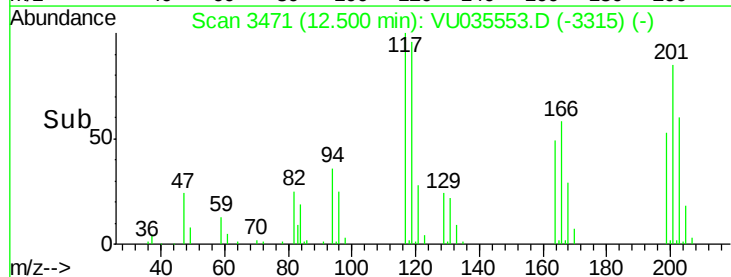
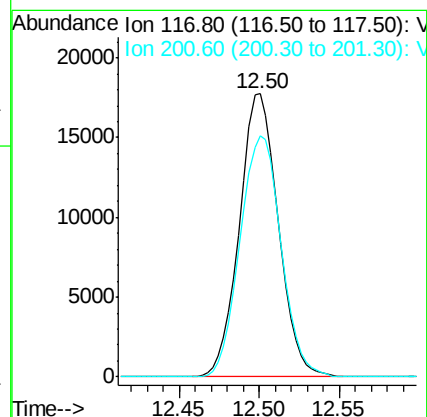
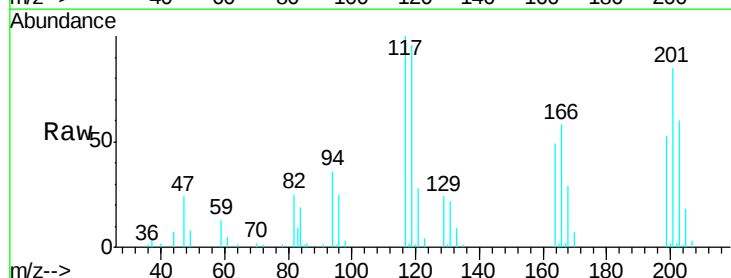
Acq: 30 Oct 2019 11:28

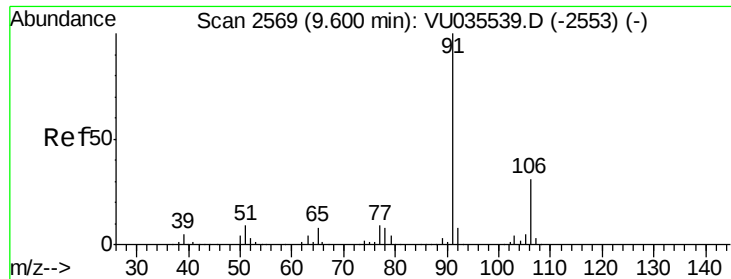
Tgt Ion:117 Resp: 29391

Ion Ratio Lower Upper

117 100

201 89.9 71.8 107.8





#63

Ethyl Benzene

Concen: 1.757 ug/l

RT: 9.60 min Scan# 2570

Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

VU1030WBSD01

Tgt Ion: 91 Resp: 149778

Ion Ratio Lower Upper

91 100

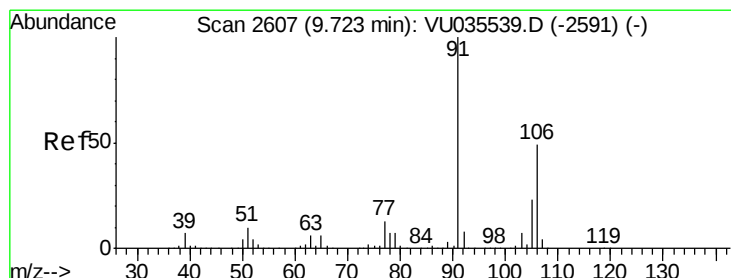
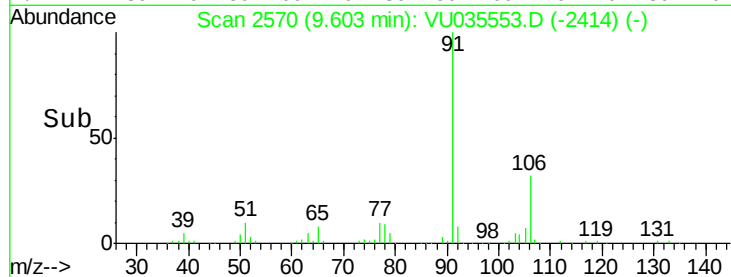
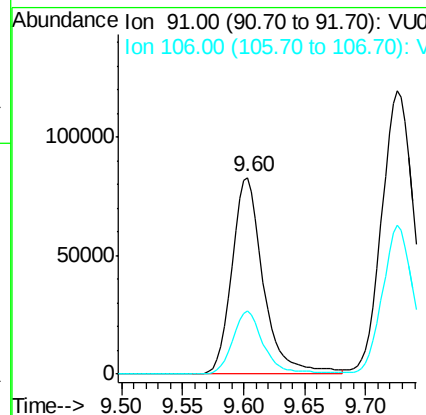
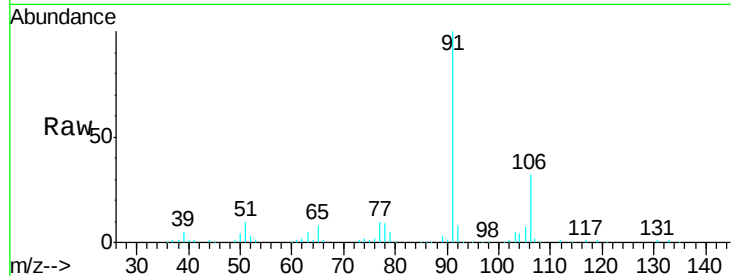
106 32.2 25.2 37.8

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#64

m/p-Xylenes

Concen: 3.421 ug/l

RT: 9.73 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VU035553.D

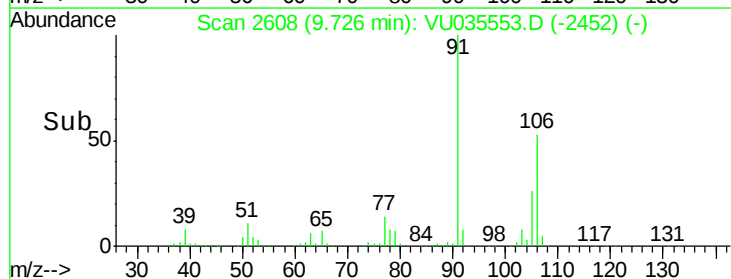
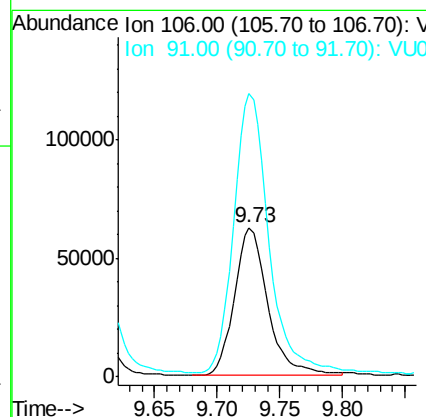
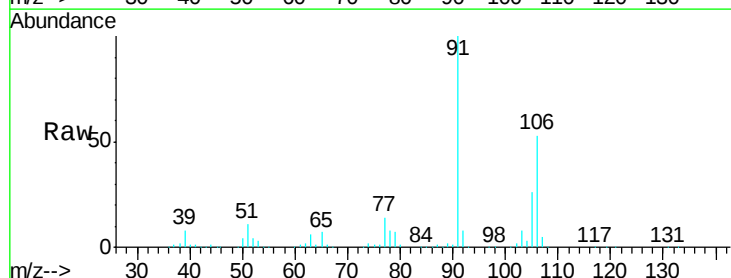
Acq: 30 Oct 2019 11:28

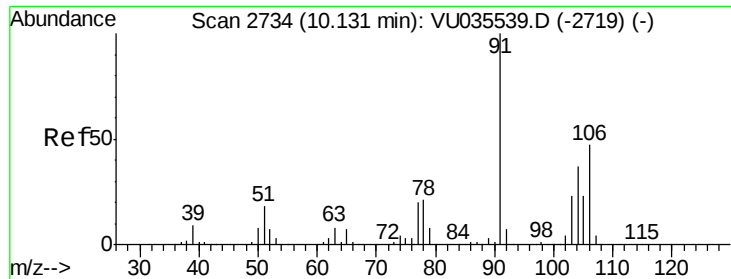
Tgt Ion: 106 Resp: 115149

Ion Ratio Lower Upper

106 100

91 204.7 81.0 121.4#





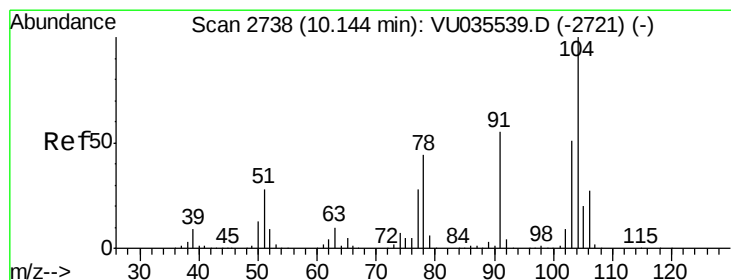
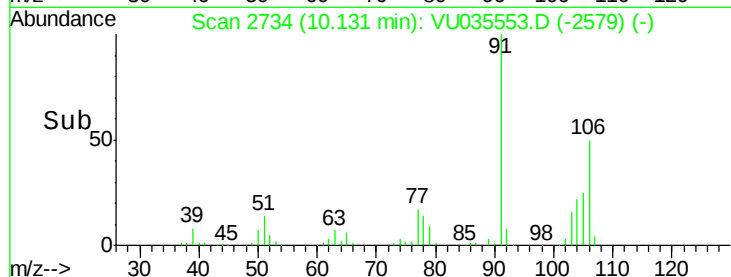
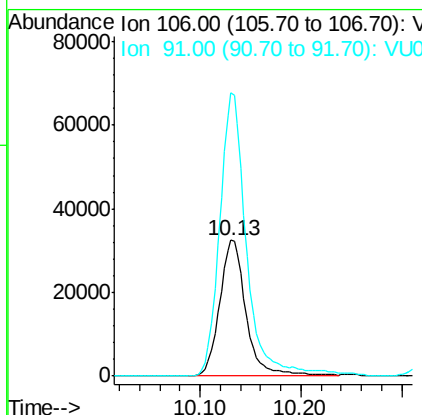
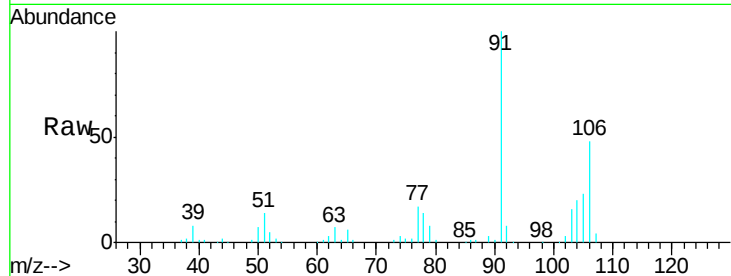
#65
o-Xylene
Concen: 1.837 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion:106 Resp: 59737
Ion Ratio Lower Upper
106 100
91 210.9 107.1 321.1

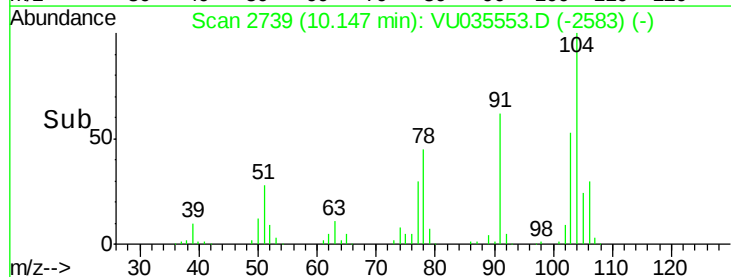
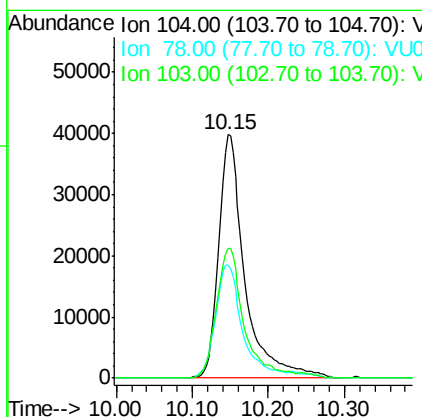
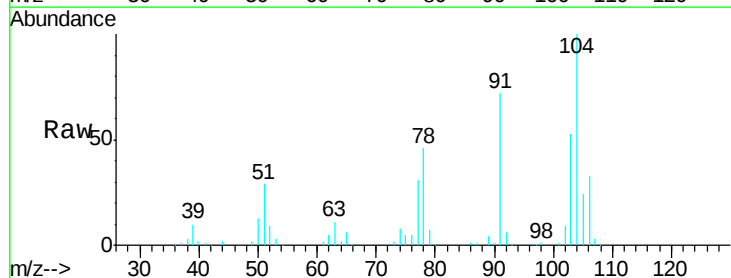
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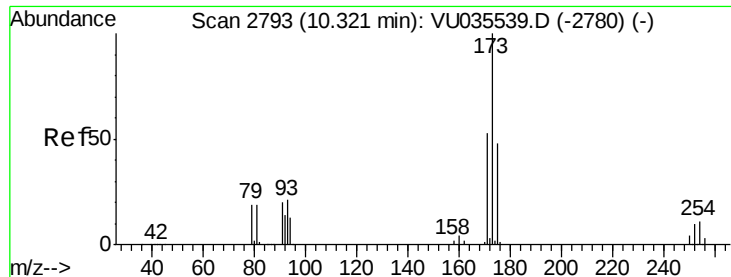
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#66
Styrene
Concen: 1.765 ug/l
RT: 10.15 min Scan# 2739
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion:104 Resp: 95040
Ion Ratio Lower Upper
104 100
78 48.1 38.6 58.0
103 56.5 43.6 65.4





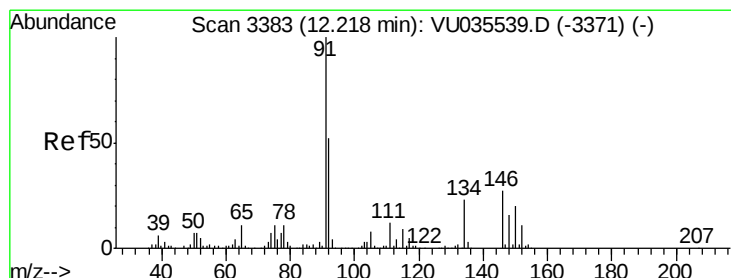
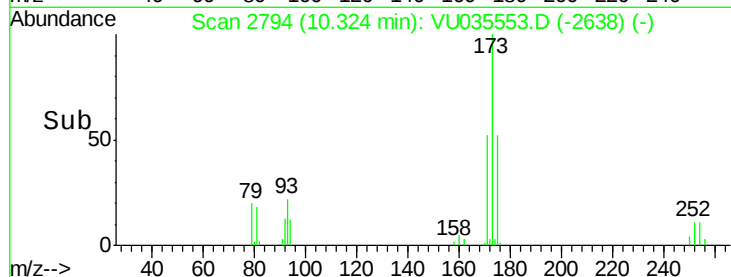
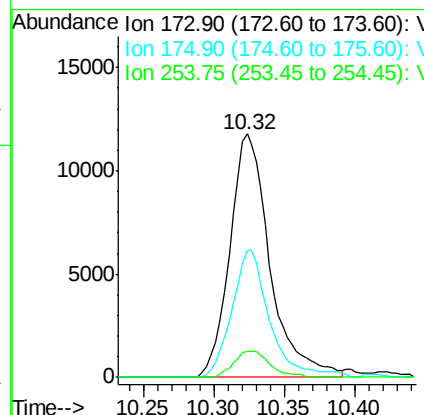
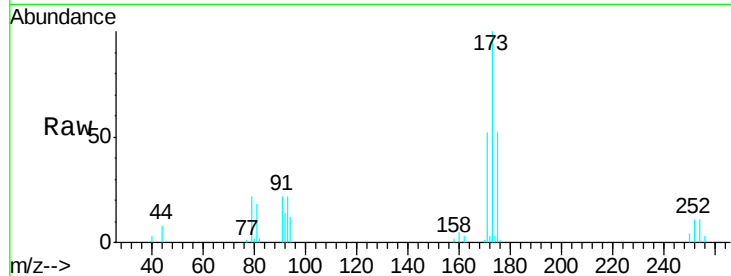
#67
Bromoform
Concen: 1.946 ug/l
RT: 10.32 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion:173 Resp: 23423
Ion Ratio Lower Upper
173 100
175 48.2 38.7 58.1
254 9.7 8.2 12.2

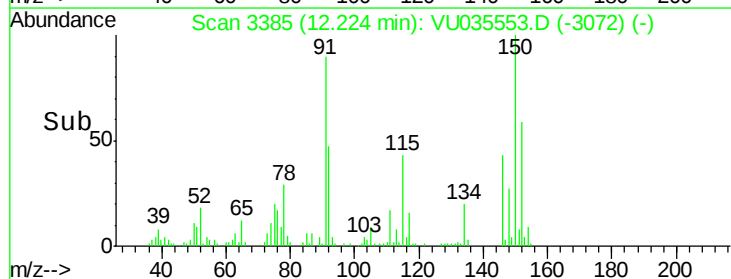
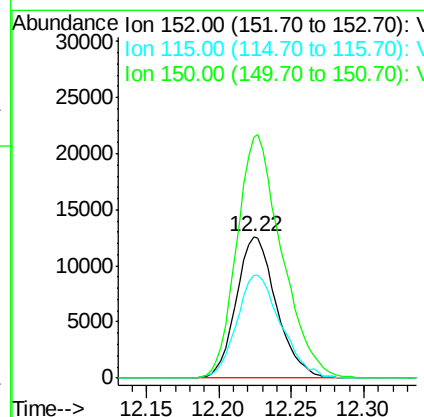
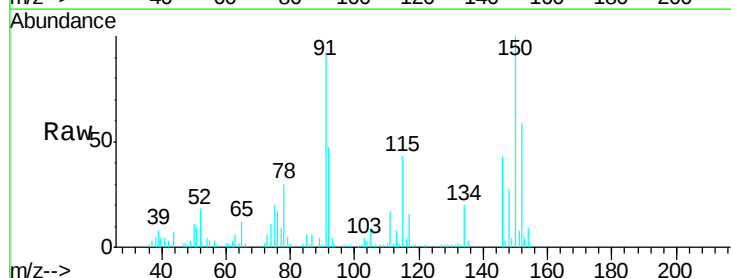
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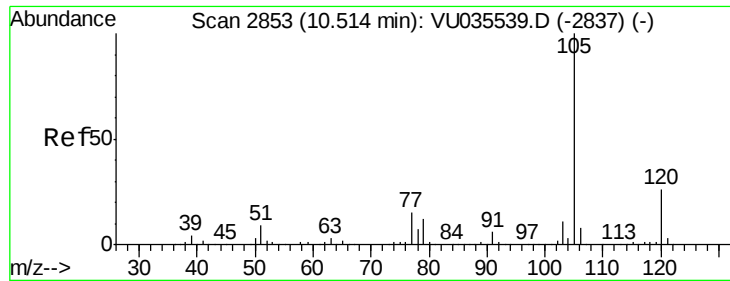
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#68
1,2-Dichlorobenzene-d4
Concen: 0.937 ug/l
RT: 12.22 min Scan# 3385
Delta R.T. 0.01 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion:152 Resp: 24198
Ion Ratio Lower Upper
152 100
115 80.1 0.0 250.6
150 192.4 0.0 656.8





#69

Isopropylbenzene

Concen: 1.761 ug/l

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

VU1030WBSD01

Tgt Ion: 105 Resp: 149333

Ion Ratio Lower Upper

105 100

120 26.0

13.2

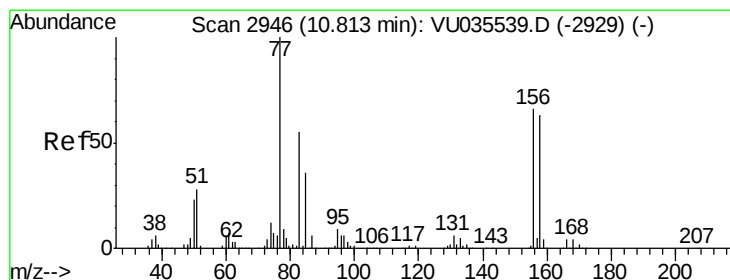
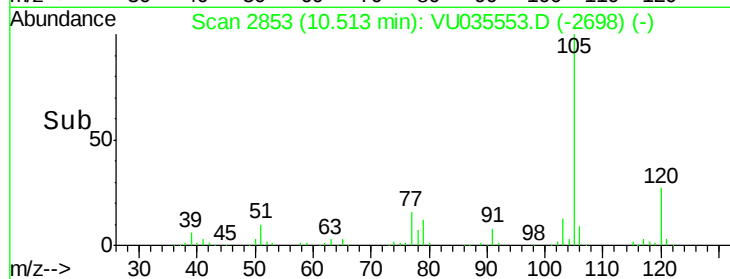
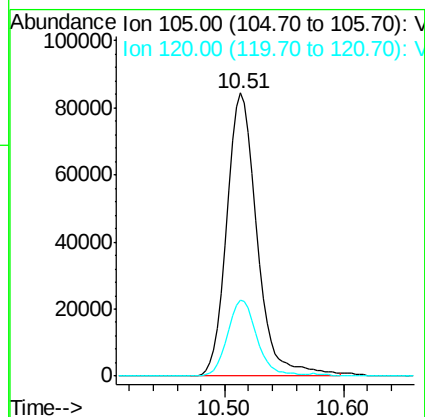
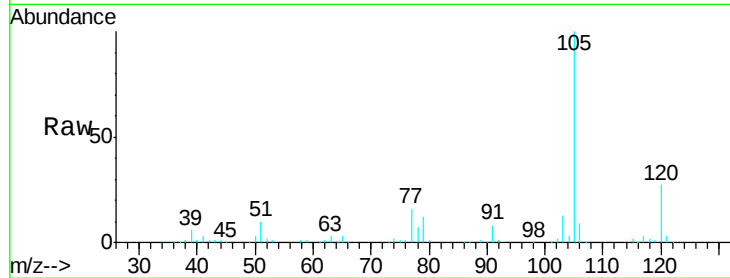
39.5

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#70

1,1,2,2-Tetrachloroethane

Concen: 1.985 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Tgt Ion: 83 Resp: 42050

Ion Ratio Lower Upper

83 100

131 9.0

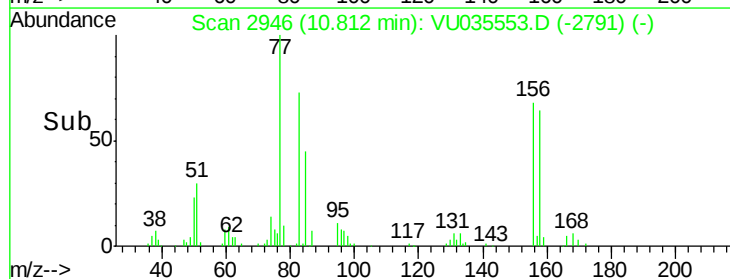
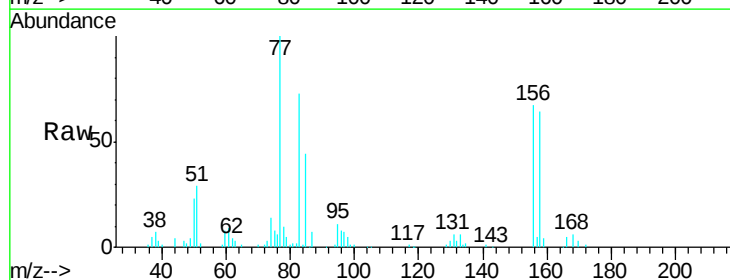
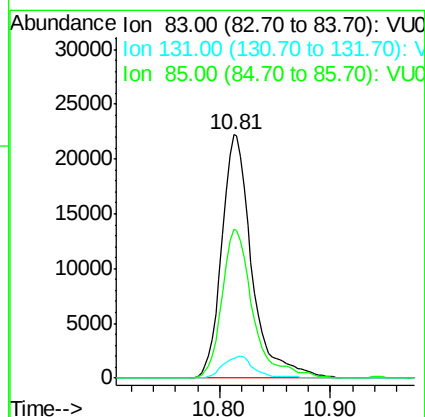
85 62.6

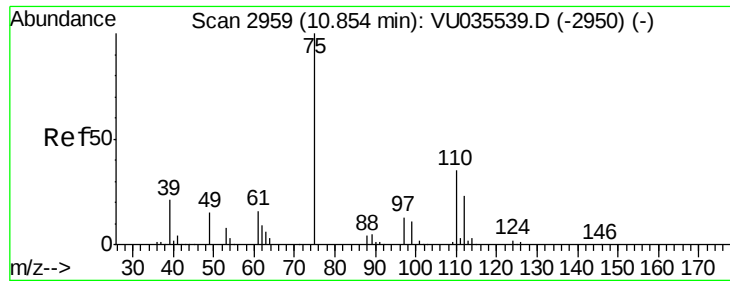
0.0

33.5

0.0#

50.3#





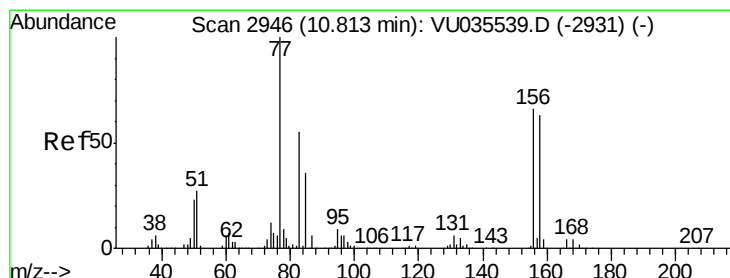
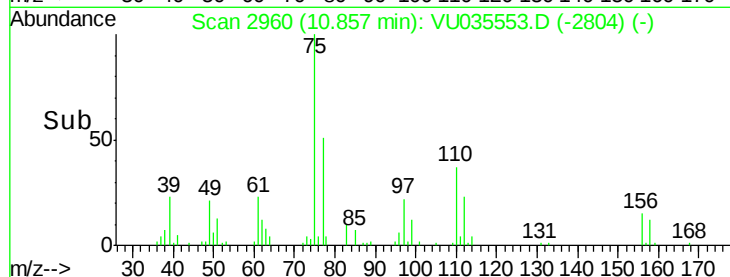
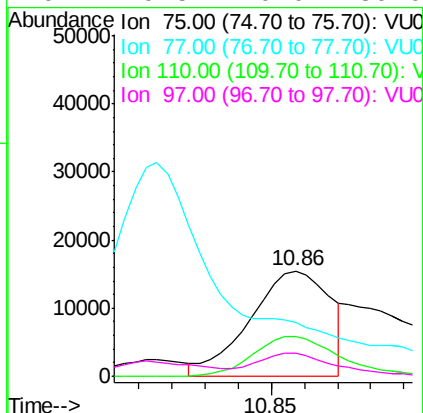
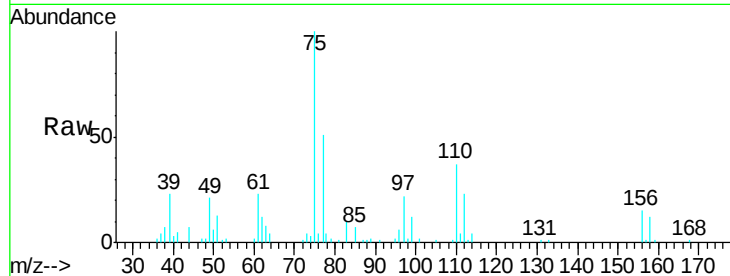
#71
1,2,3-Trichloropropane
Concen: 1.633 ug/l m
RT: 10.86 min Scan# 2960
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	68.6
110	40.3	0.0	77.2
97	19.5	0.0	39.0

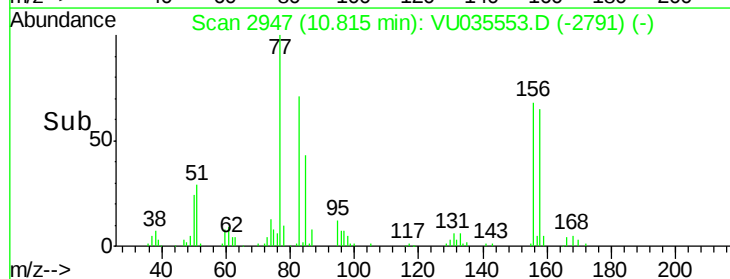
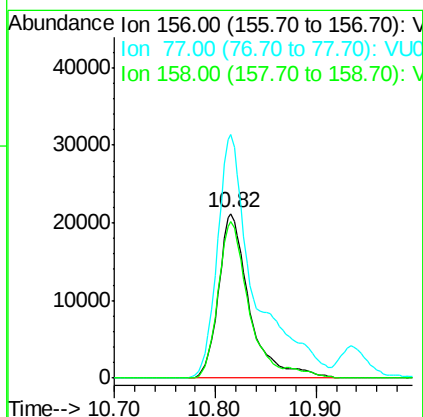
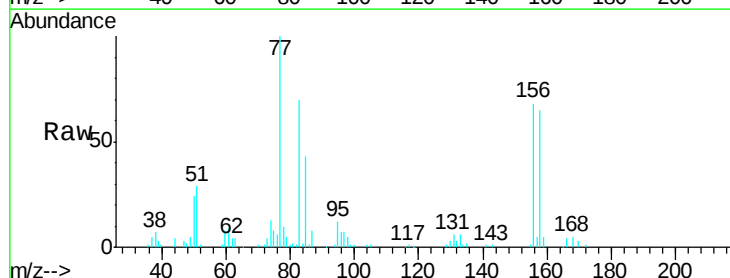
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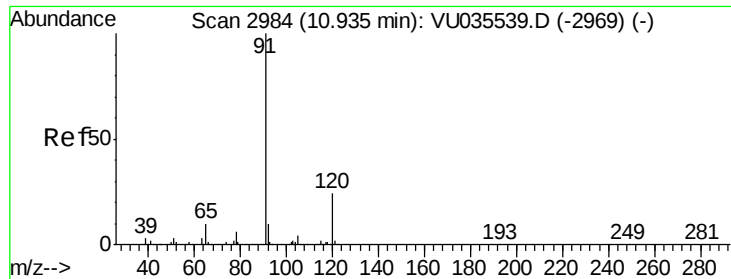
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#72
Bromobenzene
Concen: 1.917 ug/l
RT: 10.82 min Scan# 2947
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Lower	Upper
156	100		
77	179.4	0.0	300.4
158	96.3	0.0	194.4





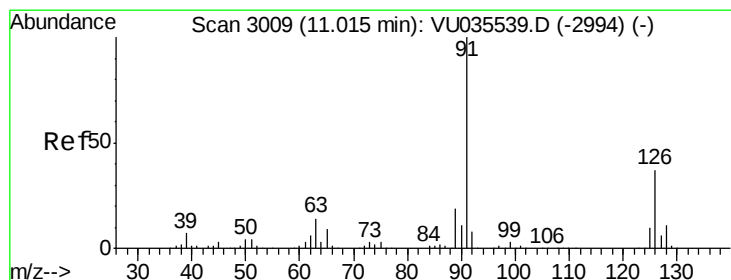
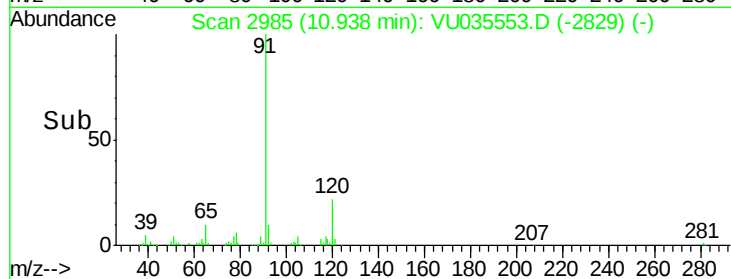
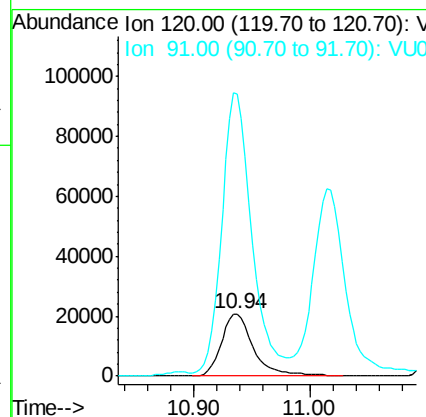
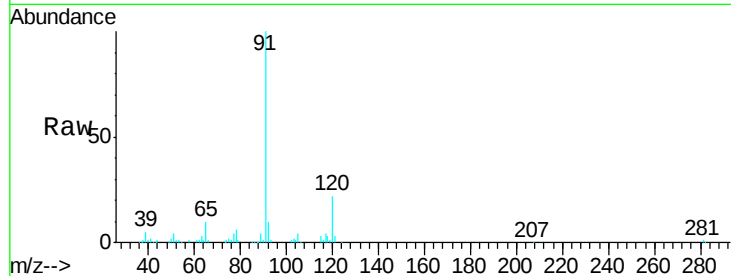
#73
n-propylbenzene
Concen: 1.678 ug/l
RT: 10.94 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion:120 Resp: 39748
Ion Ratio Lower Upper
120 100
91 420.6 340.6 510.8

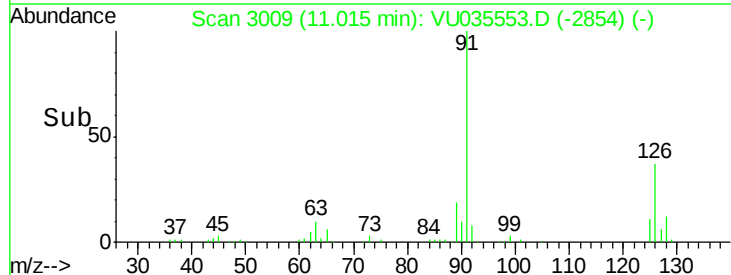
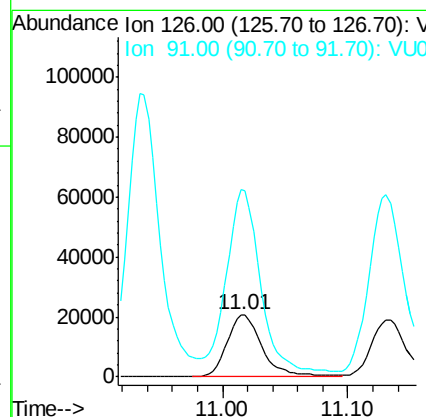
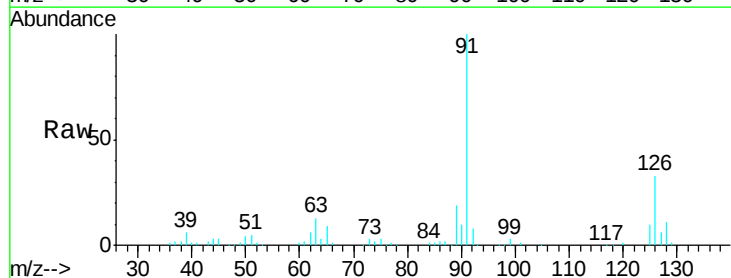
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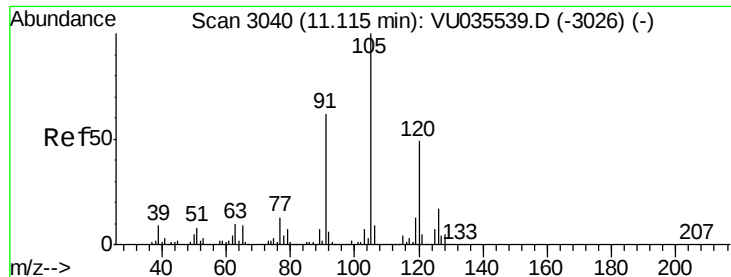
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#74
2-Chlorotoluene
Concen: 1.829 ug/l
RT: 11.01 min Scan# 3009
Delta R.T. -0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion:126 Resp: 40620
Ion Ratio Lower Upper
126 100
91 293.5 0.0 574.2





#75

1,3,5-Trimethylbenzene

Concen: 1.673 ug/l

RT: 11.12 min Scan# 3041

Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

ClientSampled :

VU1030WBSD01

Tgt Ion:105 Resp: 116892

Ion Ratio Lower Upper

105 100

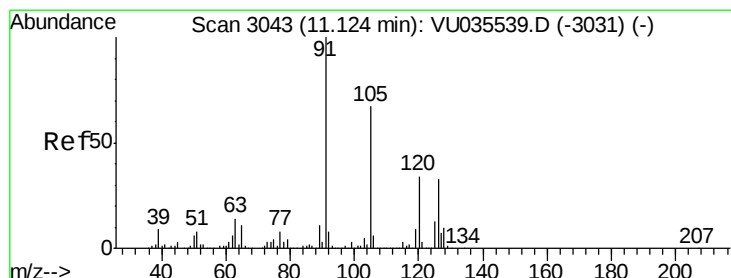
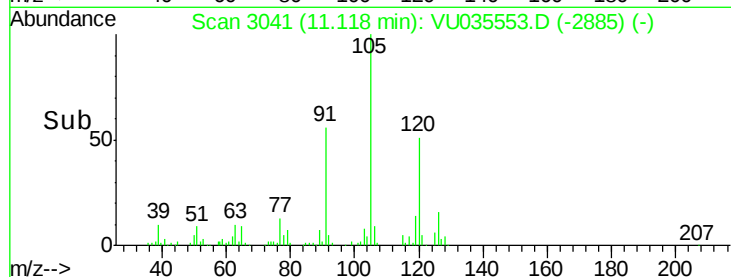
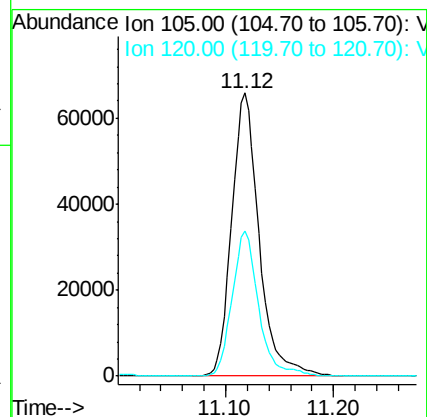
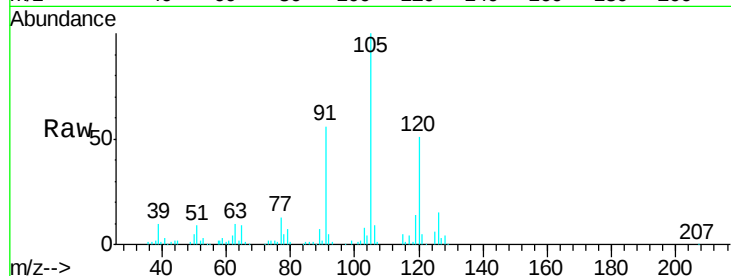
120 49.6 39.4 59.2

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#76

4-Chlorotoluene

Concen: 1.761 ug/l

RT: 11.13 min Scan# 3046

Delta R.T. 0.01 min

Lab File: VU035553.D

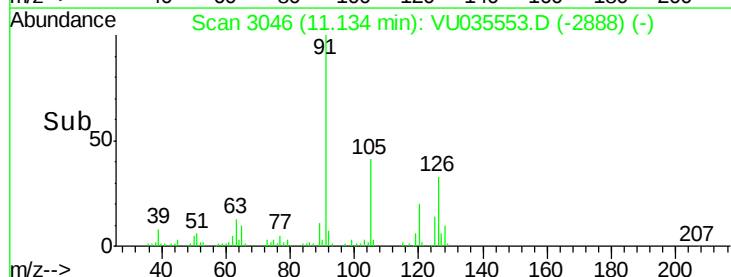
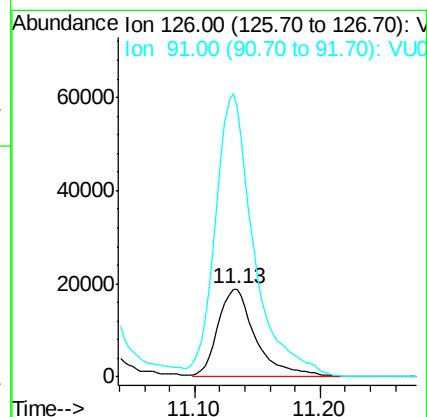
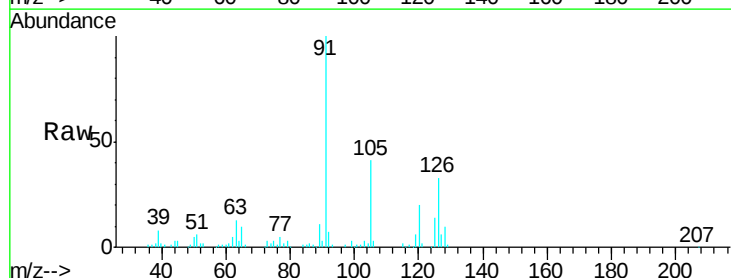
Acq: 30 Oct 2019 11:28

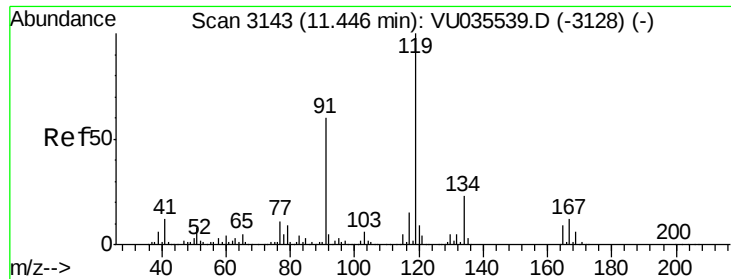
Tgt Ion:126 Resp: 39712

Ion Ratio Lower Upper

126 100

91 327.2 0.0 637.0





#77

tert-Butylbenzene

Concen: 1.757 ug/l

RT: 11.45 min Scan# 3144

Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

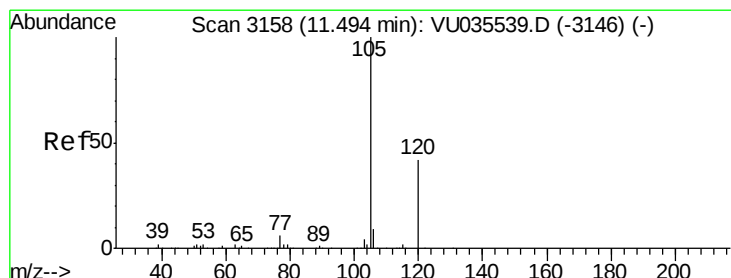
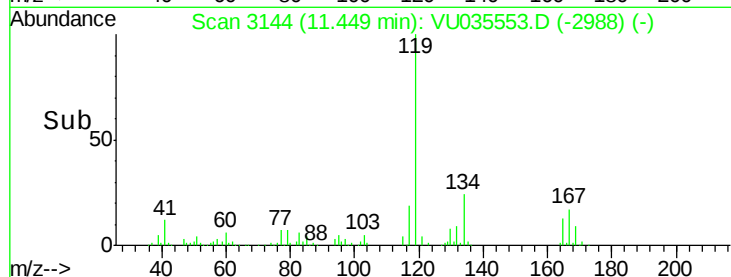
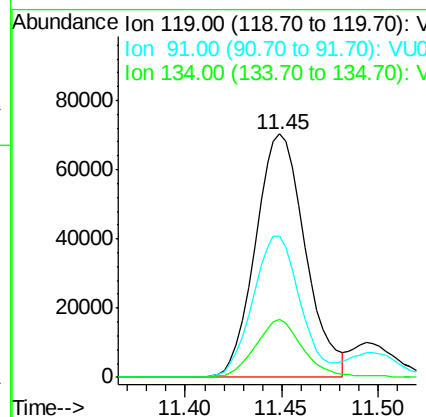
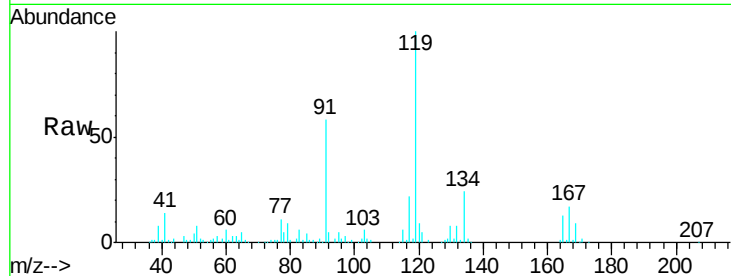
ClientSampleId :

VU1030WBSD01

Tgt Ion:	119	Resp:	125895
Ion Ratio	Lower	Upper	
119	100		
91	55.5	27.9	83.7
134	22.9	18.3	27.5

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#78

1,2,4-Trimethylbenzene

Concen: 1.581 ug/l

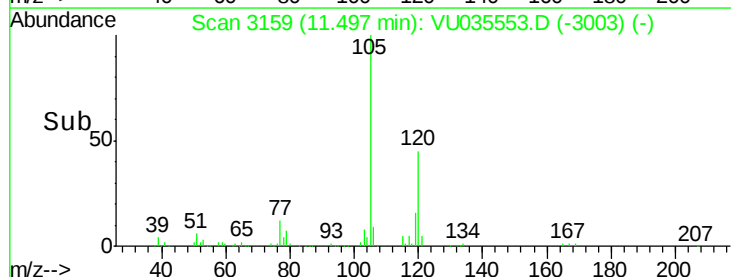
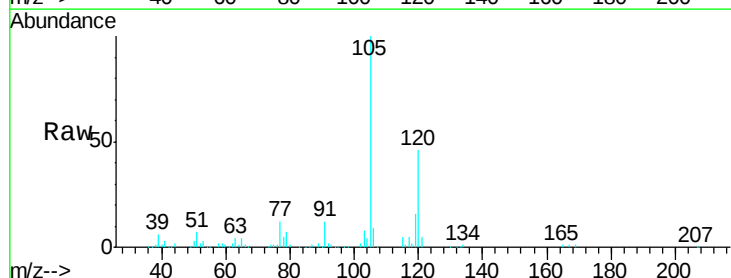
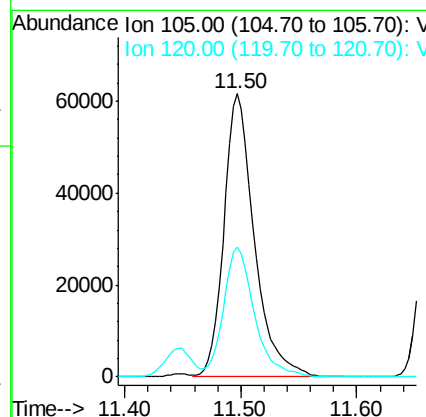
RT: 11.50 min Scan# 3159

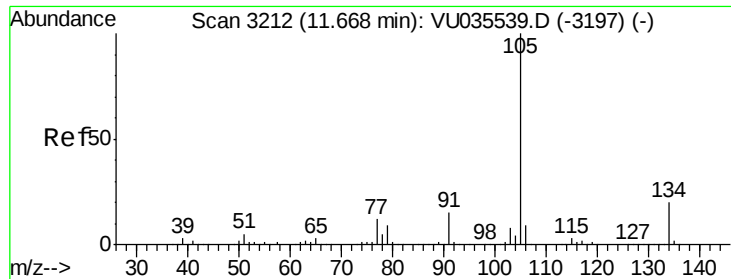
Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Tgt Ion:	105	Resp:	111821
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.2	69.5





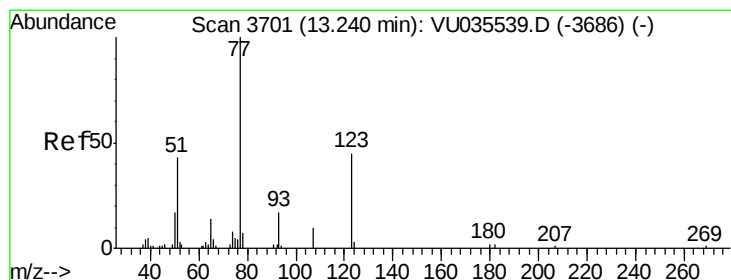
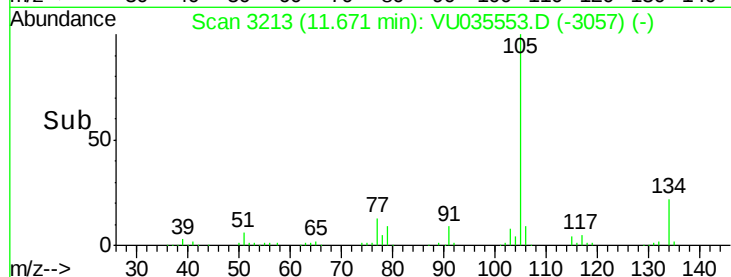
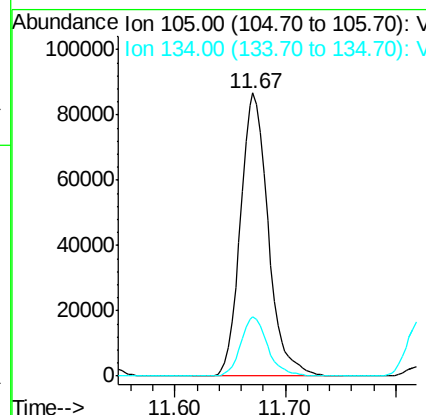
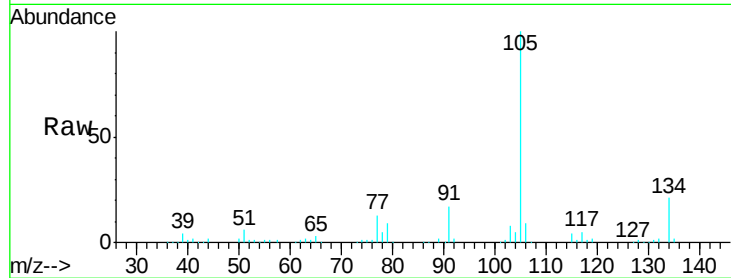
#79
 sec-Butylbenzene
 Concen: 1.648 ug/l
 RT: 11.67 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1030WBSD01

Tgt Ion: 105 Resp: 151118
 Ion Ratio Lower Upper
 105 100
 134 20.4 15.9 23.9

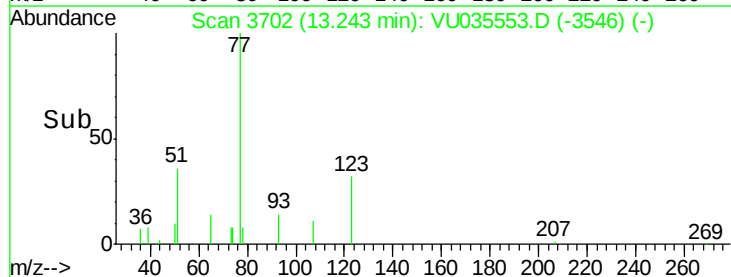
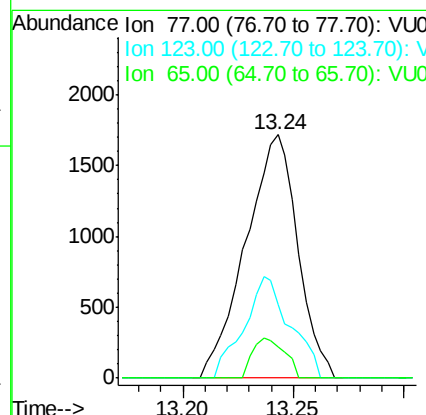
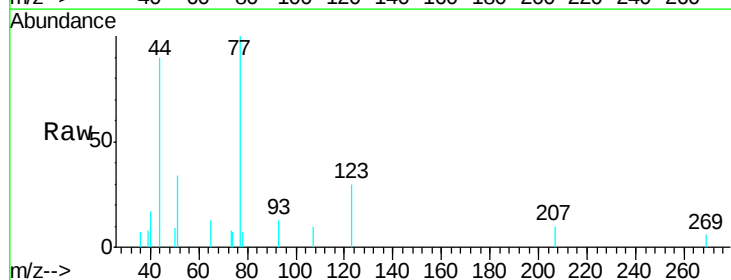
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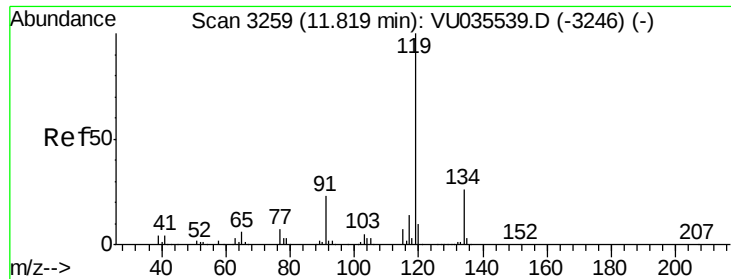
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#80
 Nitrobenzene
 Concen: 3.963 ug/l
 RT: 13.24 min Scan# 3702
 Delta R.T. 0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Tgt Ion: 77 Resp: 2814
 Ion Ratio Lower Upper
 77 100
 123 36.7 18.9 67.1
 65 10.2 11.2 14.2#





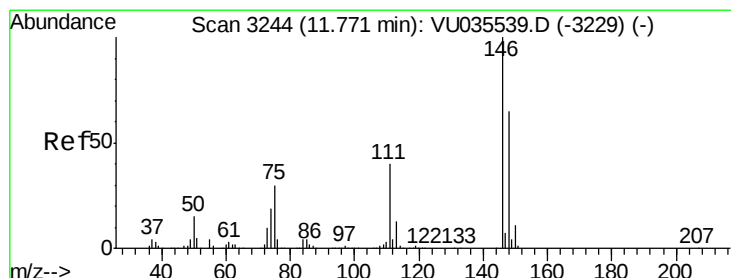
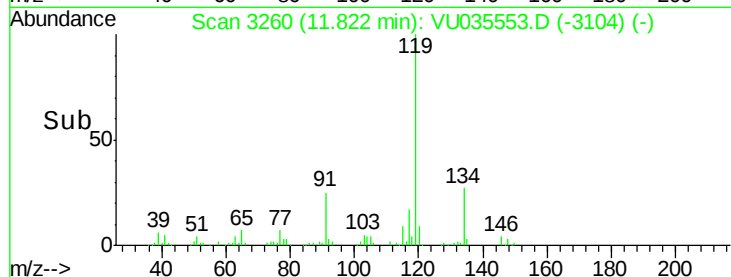
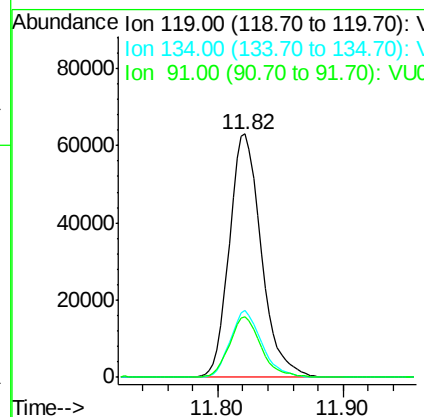
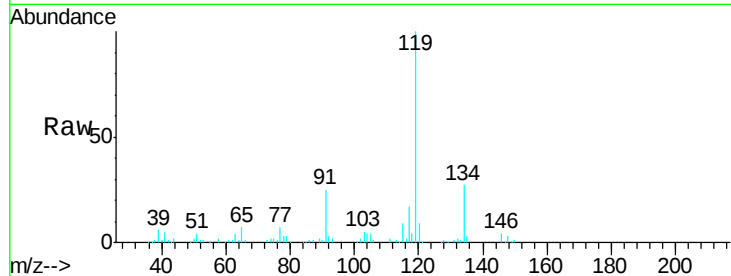
#81
p-Isopropyltoluene
Concen: 1.522 ug/l
RT: 11.82 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	111635		
134	26.9	17.0	25.4#	
91	24.7	41.3	61.9#	

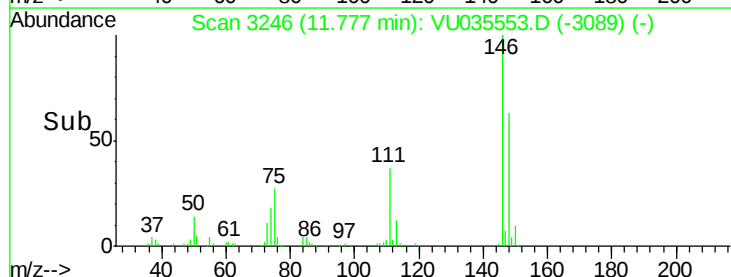
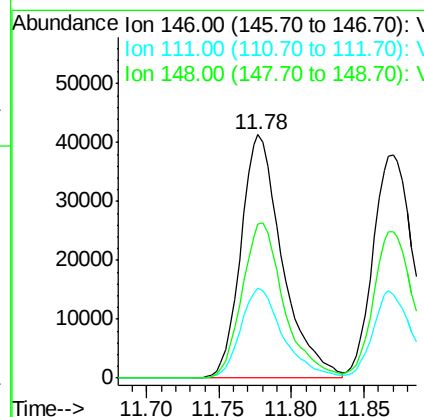
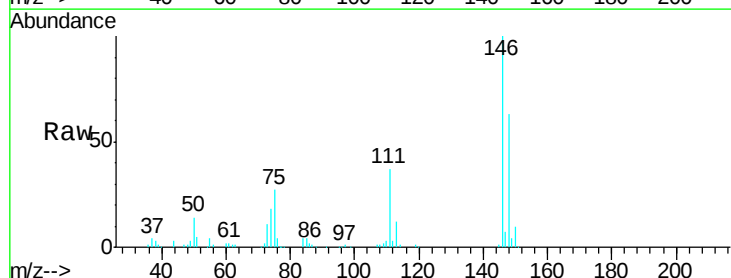
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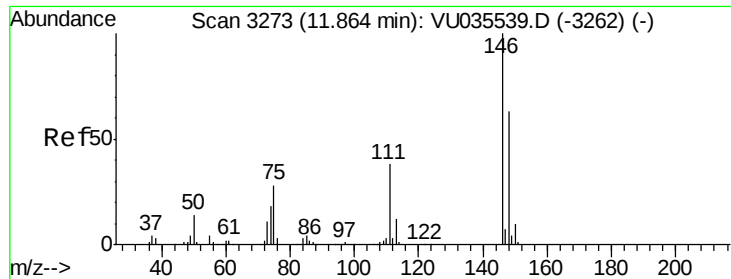
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#82
1,3-Dichlorobenzene
Concen: 1.822 ug/l
RT: 11.78 min Scan# 3246
Delta R.T. 0.01 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	81987		
111	37.9	31.8	47.6	
148	64.5	50.9	76.3	





#83

1,4-Dichlorobenzene

Concen: 1.816 ug/l

RT: 11.87 min Scan# 3275

Delta R.T. 0.01 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

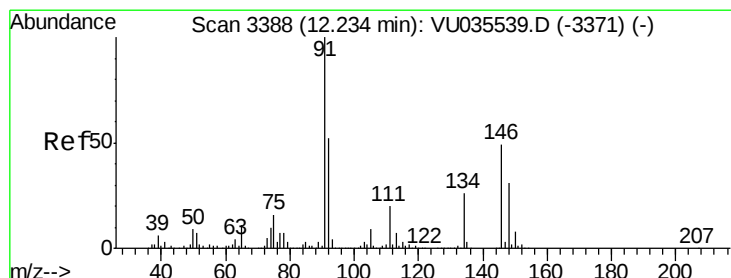
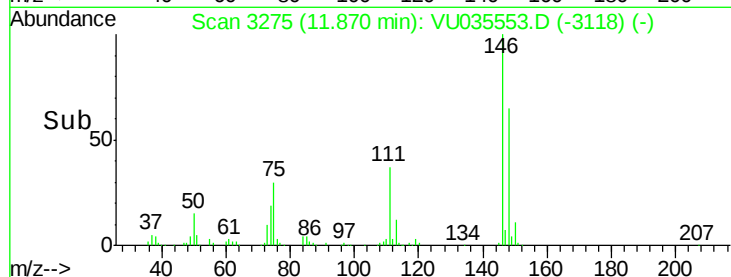
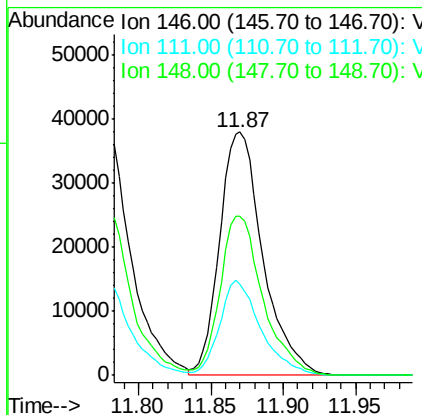
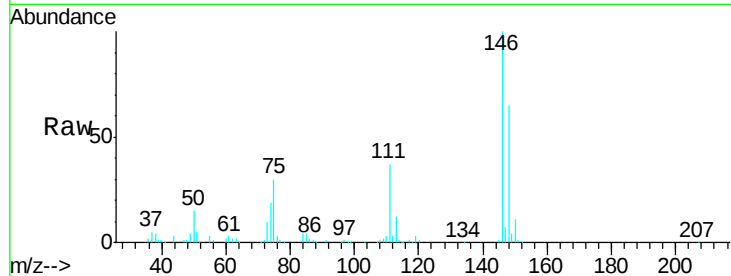
ClientSampleId :

VU1030WBSD01

Tgt Ion:	146	Resp:	78361
Ion Ratio	Lower	Upper	
146	100		
111	37.4	30.1	45.1
148	64.8	51.0	76.4

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#84

n-Butylbenzene

Concen: 1.412 ug/l

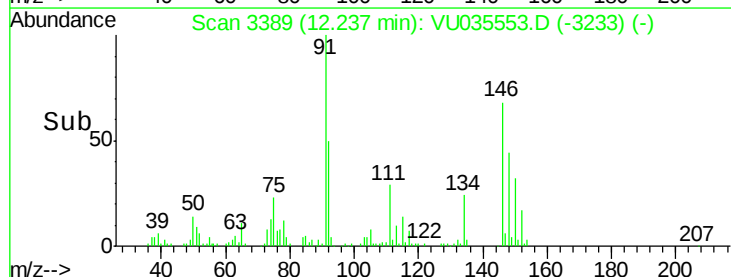
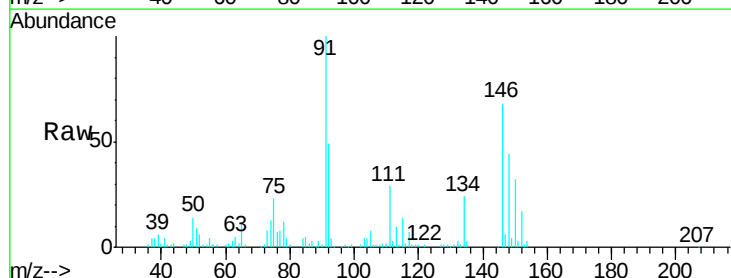
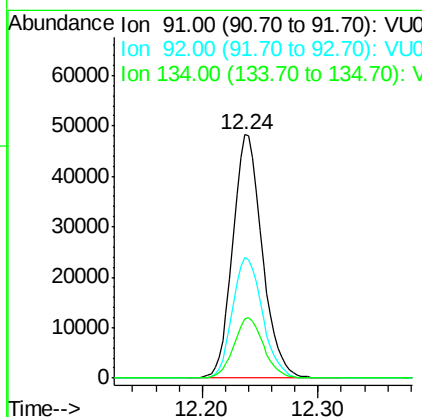
RT: 12.24 min Scan# 3389

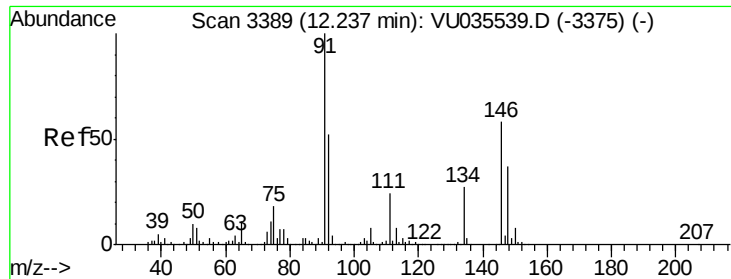
Delta R.T. 0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Tgt Ion:	91	Resp:	85000
Ion Ratio	Lower	Upper	
91	100		
92	50.1	41.4	62.0
134	24.8	20.6	30.8





#85

1,2-Dichlorobenzene

Concen: 1.788 ug/l

RT: 12.24 min Scan# 3391

Delta R.T. 0.01 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Instrument :

MSVOA_U

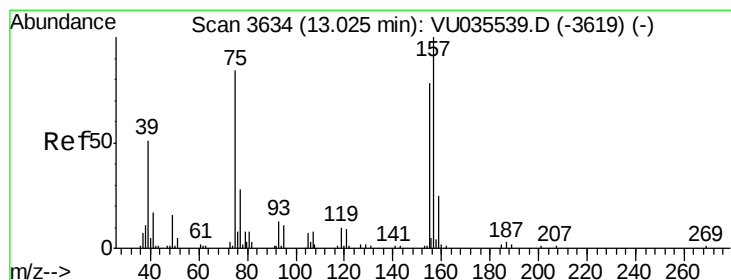
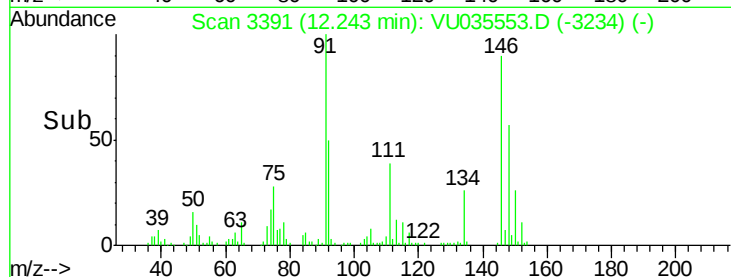
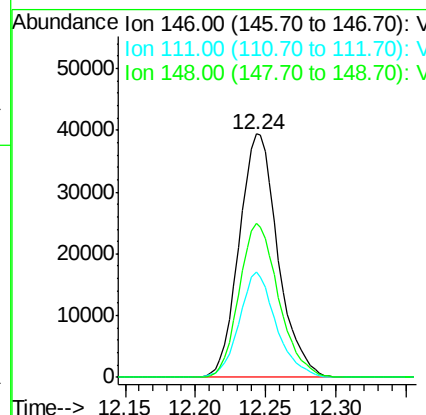
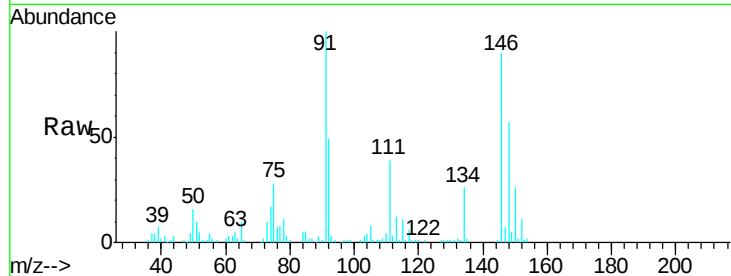
ClientSampleId :

VU1030WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.5
148	64.3	32.0	96.2

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#86

1,2-Dibromo-3-Chloropropane

Concen: 1.754 ug/l

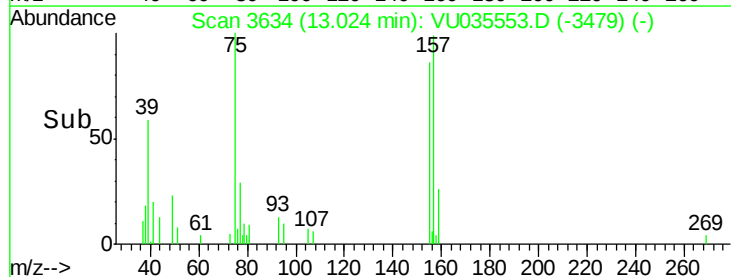
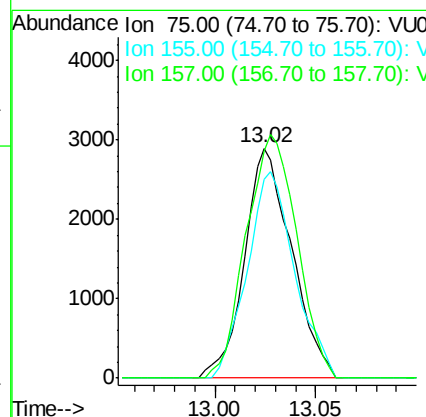
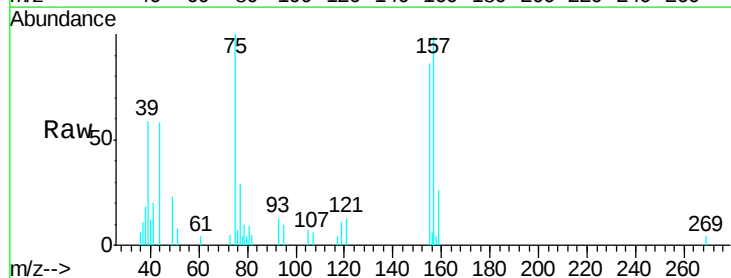
RT: 13.02 min Scan# 3634

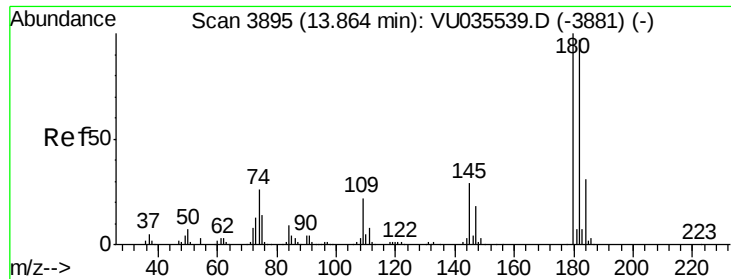
Delta R.T. -0.00 min

Lab File: VU035553.D

Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	71.3	106.9
157	113.9	91.2	136.8





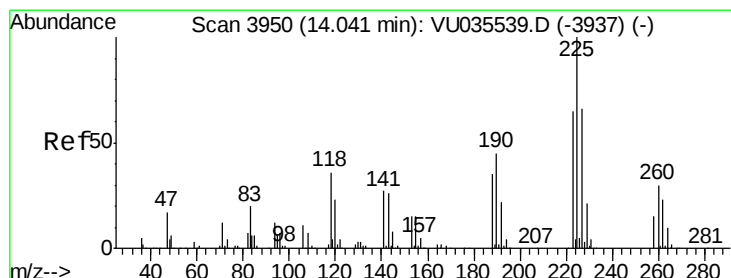
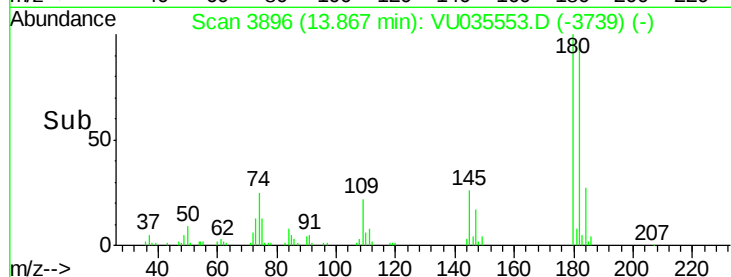
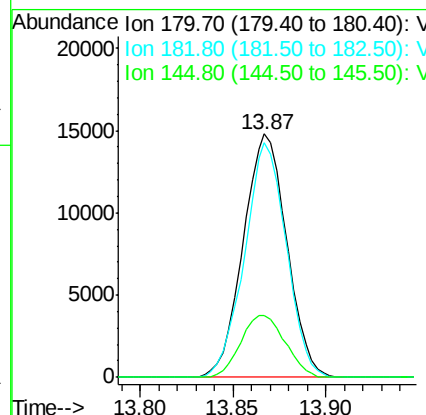
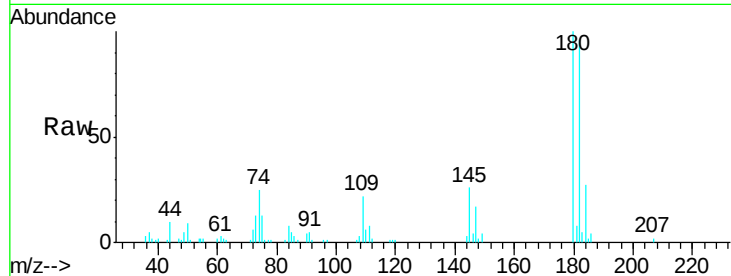
#87
 1,2,4-Trichlorobenzene
 Concen: 1.762 ug/l
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1030WBSD01

Tgt Ion:180 Resp: 24228
 Ion Ratio Lower Upper
 180 100
 182 92.2 77.4 116.0
 145 25.6 22.6 33.8

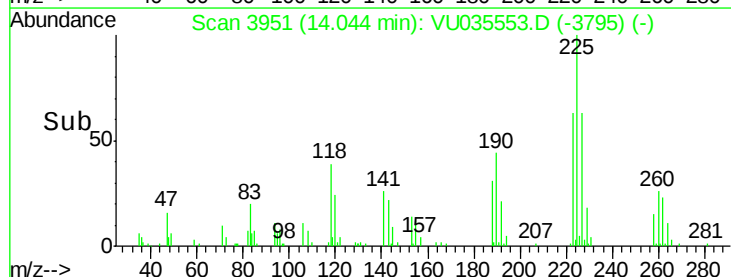
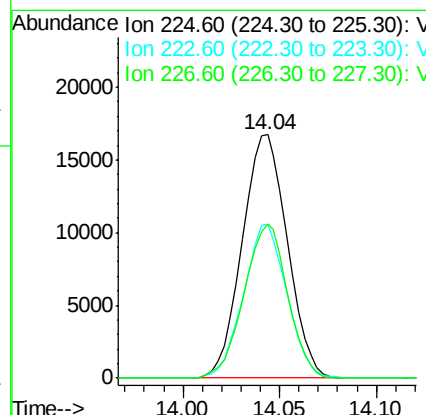
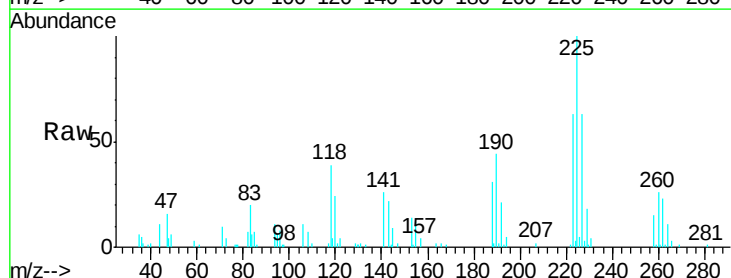
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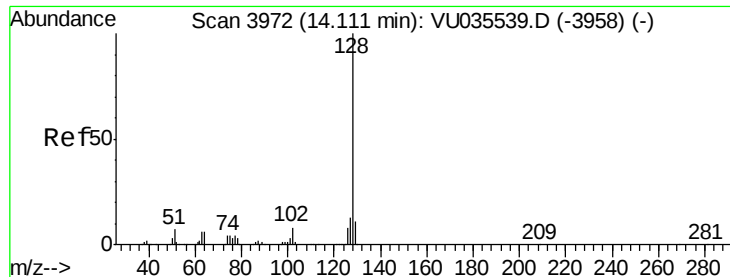
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#88
 Hexachlorobutadiene
 Concen: 1.719 ug/l
 RT: 14.04 min Scan# 3951
 Delta R.T. 0.00 min
 Lab File: VU035553.D
 Acq: 30 Oct 2019 11:28

Tgt Ion:225 Resp: 27138
 Ion Ratio Lower Upper
 225 100
 223 60.9 50.7 76.1
 227 61.0 52.2 78.4





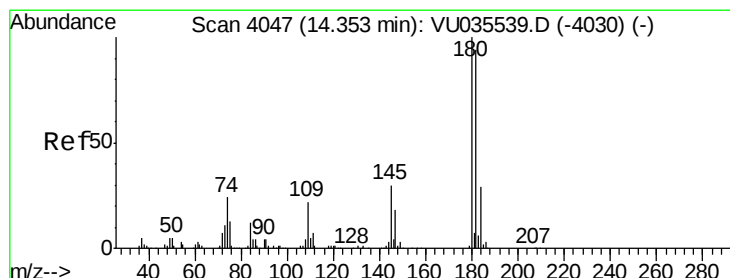
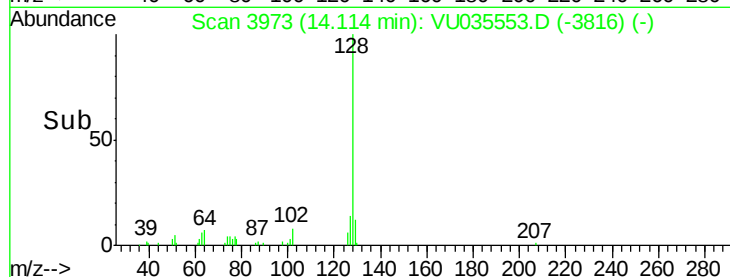
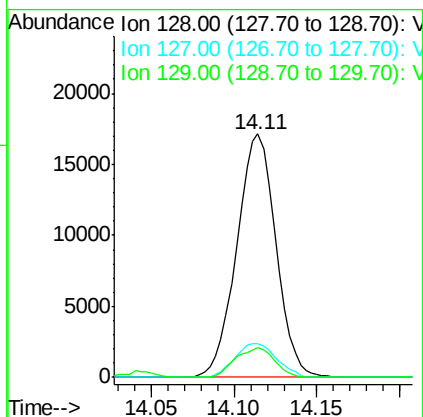
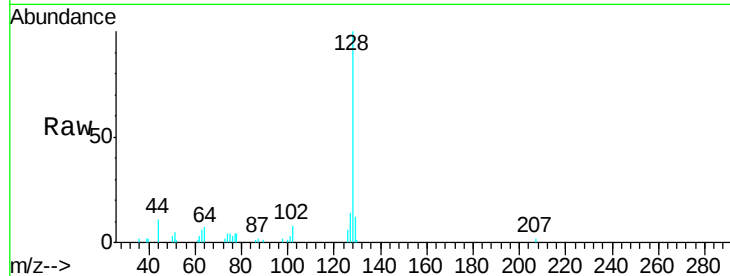
#89
Naphthalene
Concen: 1.679 ug/l
RT: 14.11 min Scan# 3973
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
VU1030WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	28076		
127	14.9		10.3	15.5
129	12.1		8.6	13.0

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#90
1,2,3-Trichlorobenzene
Concen: 1.767 ug/l
RT: 14.36 min Scan# 4048
Delta R.T. 0.00 min
Lab File: VU035553.D
Acq: 30 Oct 2019 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	25875		
182	92.5		75.8	113.8
145	29.0		23.7	35.5

