

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080318\
 Data File : VU025812.D
 Acq On : 03 Aug 2018 11:37
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 5:38:52 PM

Quant Time: Aug 04 05:36:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 27 15:10:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	35237	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	13843	1.06	ug/l	0.00
Spiked Amount	1.000		Recovery	=	106.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	14574	1.00	ug/l	0.00
Spiked Amount	1.000		Recovery	=	100.00%	

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	137934	10.98	ug/l	100
3) Chloromethane	1.33	50	108327	9.12	ug/l	97
4) Vinyl Chloride	1.40	62	121111	11.01	ug/l	98
5) Bromomethane	1.63	94	57027	10.65	ug/l	97
6) Chloroethane	1.70	64	71919	10.90	ug/l	97
7) Trichlorofluoromethane	1.89	101	181705	11.33	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	100015	11.36	ug/l	98
9) 1,1-Dichloroethene	2.29	96	86458	11.13	ug/l	95
10) Iodomethane	2.41	142	47706	6.62	ug/l	92
11) Allyl Chloride	2.59	41	145101	11.17	ug/l	84
12) Acrylonitrile	2.94	53	35604	20.79	ug/l	95
13) Acetone	2.33	43	82373	55.30	ug/l	93
14) Carbon Disulfide	2.48	76	291395	10.97	ug/l	98
15) Methylene Chloride	2.70	84	100843	10.89	ug/l	95
16) trans-1,2-Dichloroethene	2.98	96	96843	11.12	ug/l	95
17) 1,1-Dichloroethane	3.45	63	183427	10.62	ug/l	98
18) 2-Butanone	4.28	43	141657	54.81	ug/l	98
19) Cyclohexane	4.99	56	152094	11.42	ug/l	85
20) Methylcyclohexane	6.42	83	187670	11.48	ug/l	94
21) 2,2-Dichloropropane	4.23	77	194951	11.84	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	121646	11.09	ug/l	95
23) Diethyl Ether	2.10	59	63247	10.75	ug/l	97
24) tert-Butyl Alcohol	2.84	59	70616	102.17	ug/l #	78
25) Methyl tert-Butyl Ether	3.00	73	223355	10.63	ug/l	97
26) Bromochloromethane	4.55	128	52432	10.86	ug/l	86
27) Chloroform	4.68	83	212371	11.19	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	194594	11.37	ug/l	98
29) 1,1-Dichloropropene	5.14	75	163101	11.61	ug/l	98
30) Carbon Tetrachloride	5.13	117	180189	11.59	ug/l	100
31) Isopropyl Ether	3.58	45	307807	11.12	ug/l	93
32) Ethyl-t-butyl ether	4.08	59	289080	10.99	ug/l	93
33) Tert-Amyl methyl ether	5.59	73	256548	11.05	ug/l	97
34) Propionitrile	4.34	54	39316	54.75	ug/l #	97
35) Benzene	5.39	78	449625	11.45	ug/l	99
36) 1,2-Dichloroethane	5.41	62	135725	11.26	ug/l	98
37) Trichloroethene	6.19	130	127134	10.99	ug/l	98
38) 1,2-Dichloropropane	6.44	63	114213	11.21	ug/l	98
39) Methacrylonitrile	4.55	41	35104	10.62	ug/l	91
40) Methyl acrylate	4.43	55	51841	10.40	ug/l #	94
41) Tetrahydrofuran	4.66	42	35676	18.26	ug/l	93
42) 1-Chlorobutane	5.07	56	220209	11.50	ug/l	100

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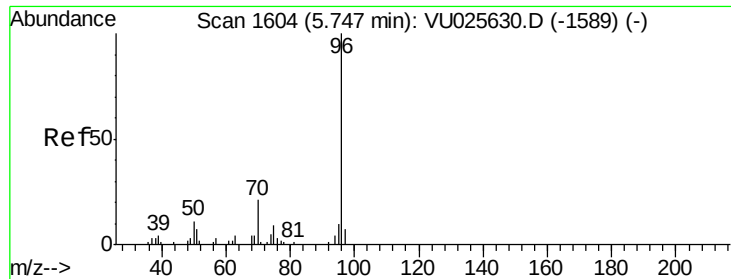
Manual Integrations
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 8/6/2018 5:38:52 PM

Quant Time: Aug 04 05:36:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 27 15:10:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	59688	11.23	ug/l	97
44) Bromodichloromethane	6.76	83	155893	11.57	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	327017	55.14	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	57019m	22.41	ug/l	
47) Methyl methacrylate	6.63	69	99961	22.48	ug/l	96
48) Ethyl methacrylate	8.02	69	99808	11.17	ug/l	99
49) Toluene	7.64	92	284209	11.85	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	141873	11.66	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	169946	11.66	ug/l	98
52) 1,1,2-Trichloroethane	8.07	97	78192	10.97	ug/l	96
53) 1,3-Dichloropropane	8.25	76	136308	11.33	ug/l	99
54) 2-Hexanone	8.37	43	231173	55.20	ug/l	99
55) Dibromochloromethane	8.48	129	105818	11.67	ug/l	96
56) 1,2-Dibromoethane	8.59	107	76638	11.11	ug/l	99
58) Tetrachloroethene	8.23	164	126205	12.14	ug/l	99
59) Chlorobenzene	9.12	112	318438	11.54	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	118547	11.57	ug/l	99
61) Pentachloroethane	11.10	117	89628	11.46	ug/l	98
62) Hexachloroethane	12.15	117	95324	11.94	ug/l	99
63) Ethyl Benzene	9.25	91	550682	12.00	ug/l	98
64) m/p-Xylenes	9.38	106	434927	24.11	ug/l	98
65) o-Xylene	9.78	106	205639	11.96	ug/l	99
66) Styrene	9.80	104	354503	12.14	ug/l	99
67) Bromoform	9.96	173	62093	11.61	ug/l	98
69) Isopropylbenzene	10.17	105	558783	12.03	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	96415	10.76	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	58048	8.31	ug/l #	88
72) Bromobenzene	10.45	156	139086	11.53	ug/l	96
73) n-propylbenzene	10.59	120	160732	12.28	ug/l	94
74) 2-Chlorotoluene	10.66	126	140417	12.19	ug/l	88
75) 1,3,5-Trimethylbenzene	10.78	105	493195	12.16	ug/l	99
76) 4-Chlorotoluene	10.77	126	145743	12.03	ug/l	97
77) tert-Butylbenzene	11.10	119	473152	11.83	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	508432	12.28	ug/l	100
79) sec-Butylbenzene	11.33	105	634527	12.07	ug/l	97
80) Nitrobenzene	12.87	77	17318	63.51	ug/l #	96
81) p-Isopropyltoluene	11.48	119	550605	12.36	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	292353	11.79	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	292605	12.10	ug/l	100
84) n-Butylbenzene	11.89	91	518353	12.40	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	262963	11.61	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	16760	11.34	ug/l	96
87) 1,2,4-Trichlorobenzene	13.51	180	189456	12.01	ug/l	98
88) Hexachlorobutadiene	13.70	225	103397	10.67	ug/l	99
89) Naphthalene	13.74	128	299362	11.69	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	168700	11.71	ug/l	100

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



#1

Fluorobenzene

Concen: 1.00 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

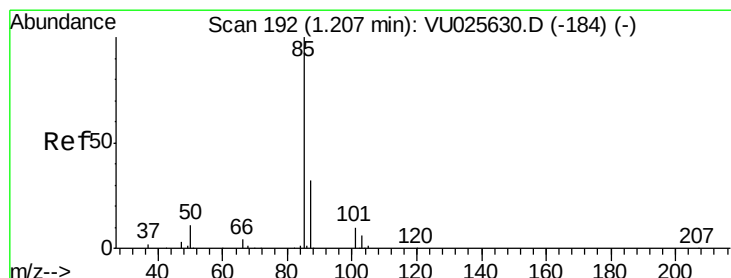
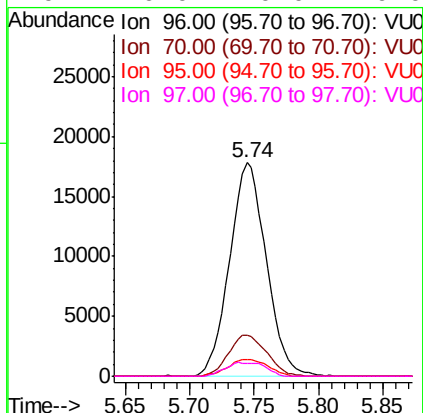
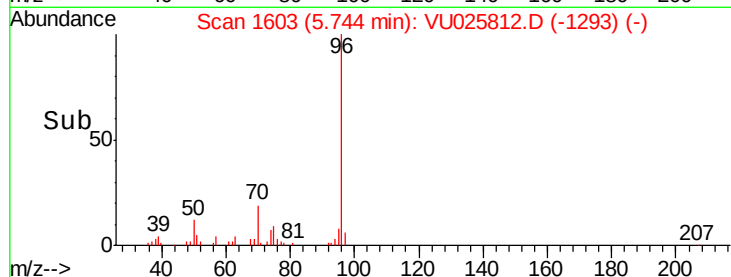
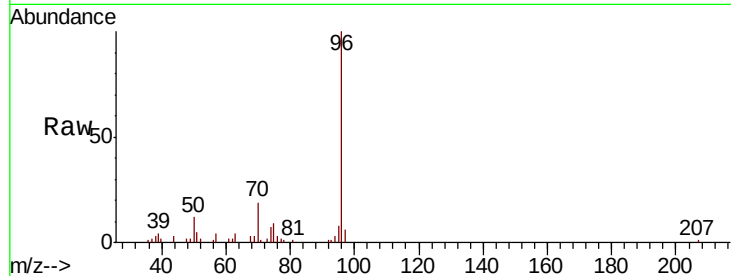
ClientSampleId :

VSTDCCC010

Tot Ion:	96	Resp:	35237
Ion	Ratio	Lower	Upper
96	100		
70	19.8	16.2	24.4
95	8.7	6.9	10.3
97	0.0	0.0	0.0

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#2

Dichlorodifluoromethane

Concen: 10.98 ug/l

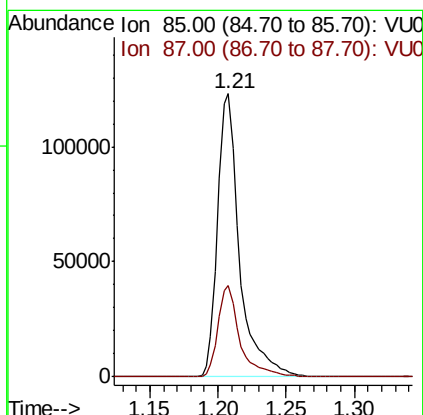
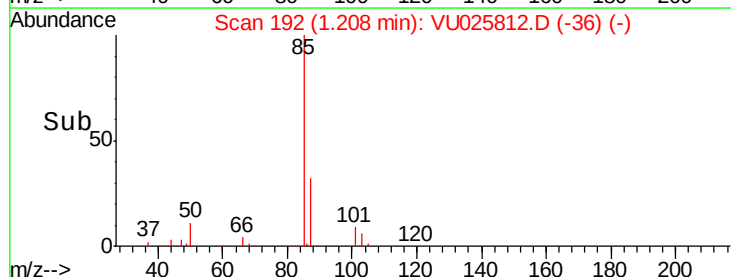
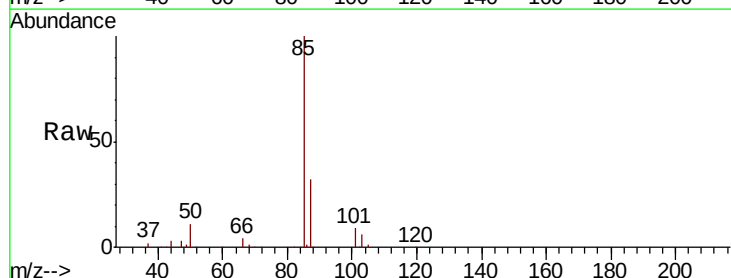
RT: 1.21 min Scan# 192

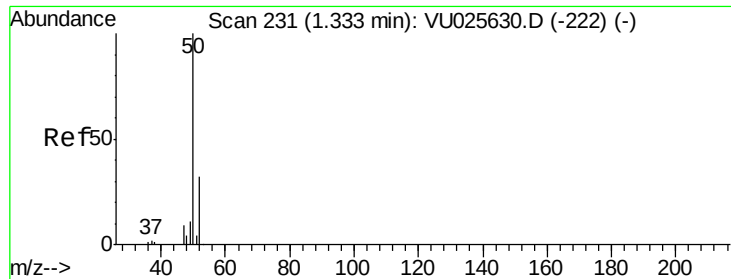
Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Tgt Ion:	85	Resp:	137934
Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.2	48.5





#3

Chloromethane

Concen: 9.12 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 50 Resp: 108327

Ion Ratio Lower Upper

50 100

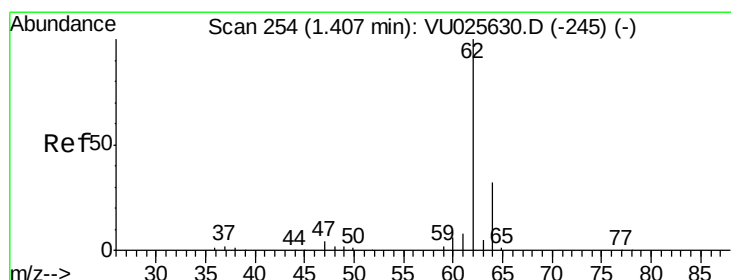
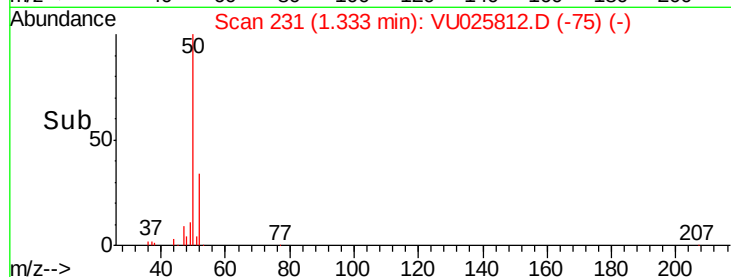
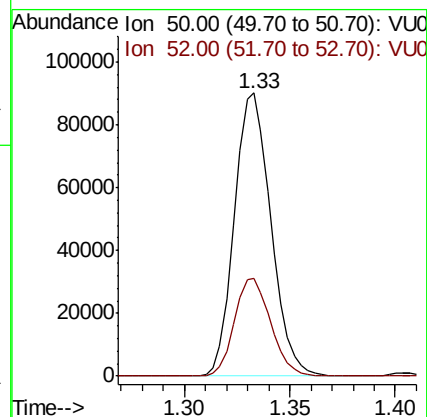
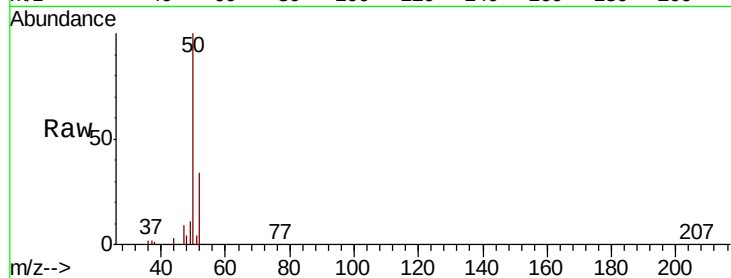
52 34.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 11.01 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025812.D

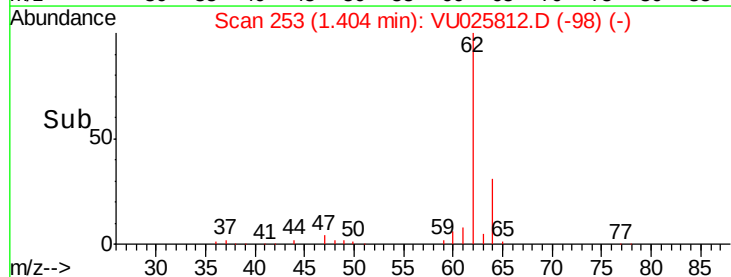
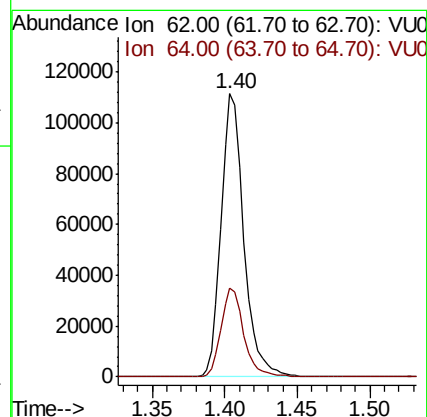
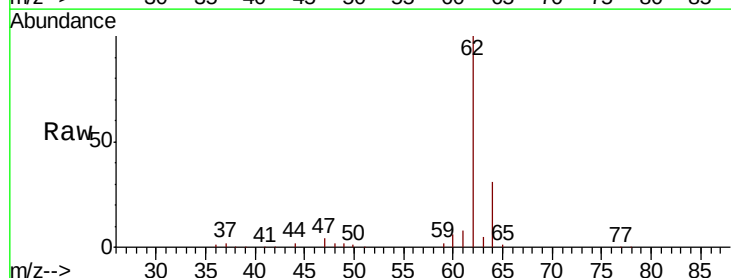
Acq: 03 Aug 2018 11:37

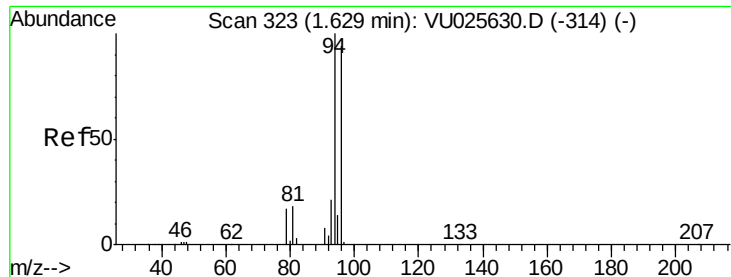
Tgt Ion: 62 Resp: 121111

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.8





#5

Bromomethane

Concen: 10.65 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 94 Resp: 57027

Ion Ratio Lower Upper

94 100

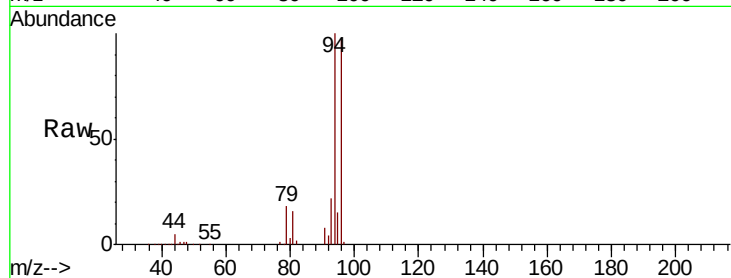
96 96.5 75.1 112.7

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VU025630.D (-314) (-)

Ion 96.00 (95.70 to 96.70): VU025630.D (-314) (-)

1.63

50000

40000

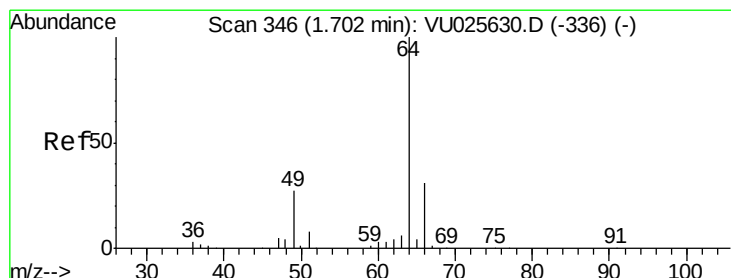
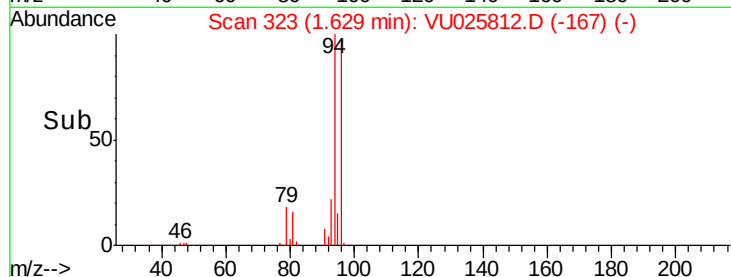
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 10.90 ug/l

RT: 1.70 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU025812.D

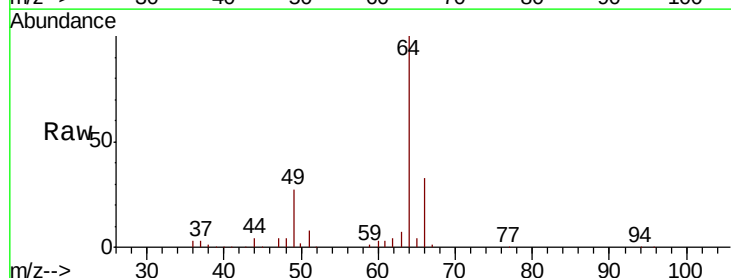
Acq: 03 Aug 2018 11:37

Tgt Ion: 64 Resp: 71919

Ion Ratio Lower Upper

64 100

66 32.5 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU025630.D (-336) (-)

Ion 66.00 (65.70 to 66.70): VU025630.D (-336) (-)

1.70

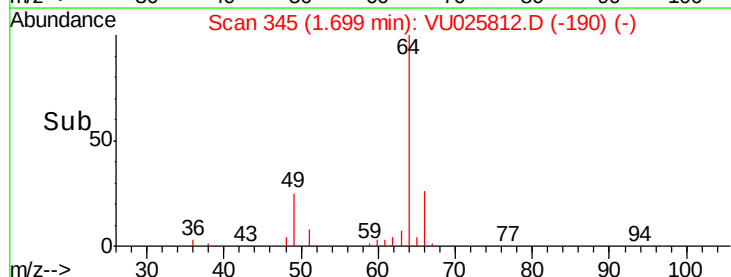
60000

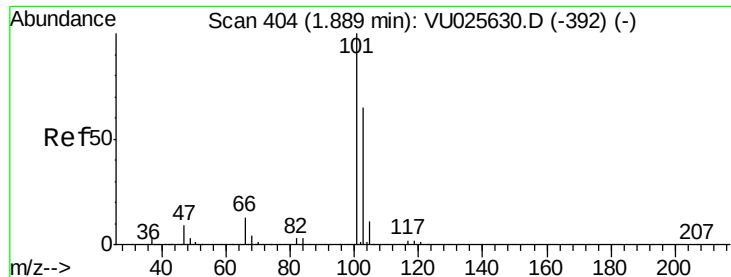
40000

20000

0

Time-->





#7

Trichlorofluoromethane

Concen: 11.33 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:101 Resp: 181705

Ion Ratio Lower Upper

101 100

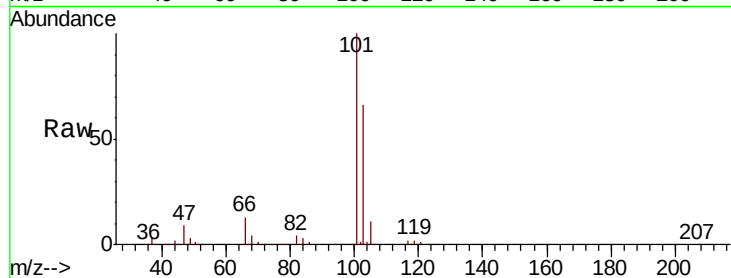
103 65.7 51.4 77.0

Manual Integrations

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

150000

100000

50000

0

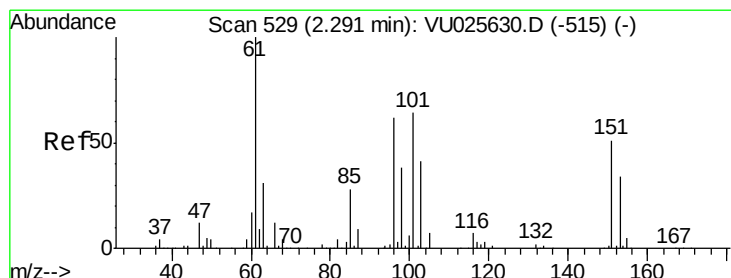
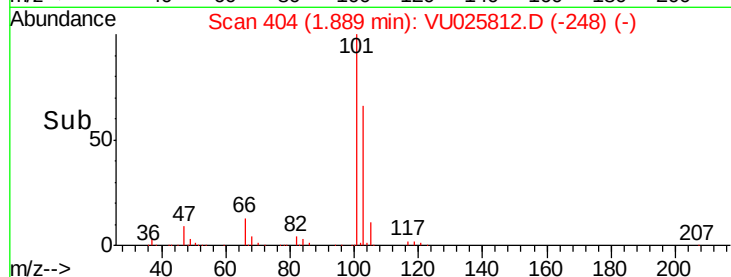
1.89

1.85

1.90

1.95

Time-->



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 11.36 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

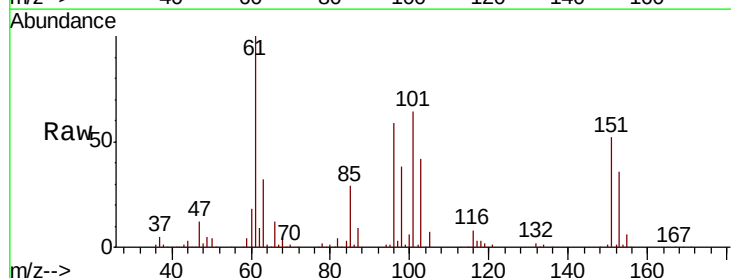
Tgt Ion:101 Resp: 100015

Ion Ratio Lower Upper

101 100

85 45.3 35.2 52.8

151 80.7 63.5 95.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

60000

40000

20000

0

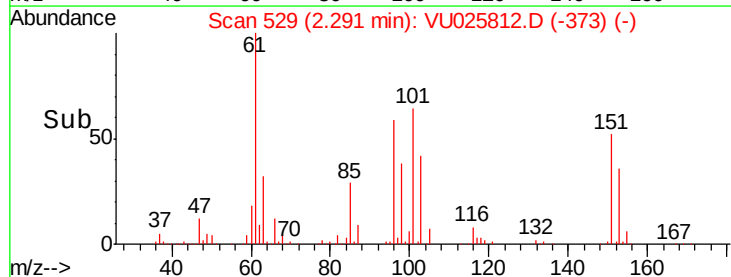
2.29

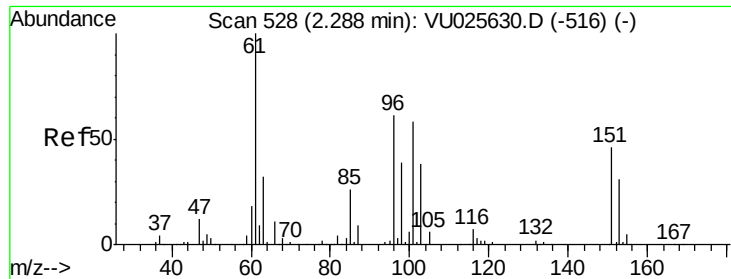
2.25

2.30

2.35

Time-->





#9

1,1-Dichloroethene

Concen: 11.13 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

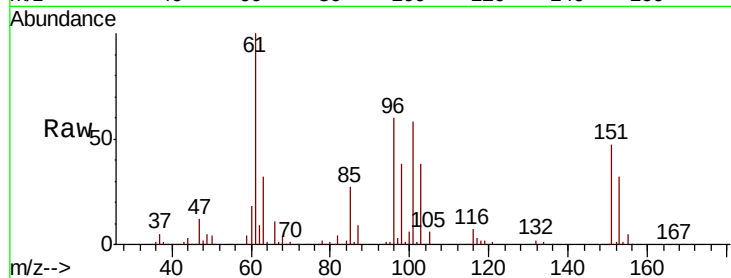
ClientSampleId :

VSTDCCC010

Tot Ion:	96	Resp:	86458
Ion	Ratio	Lower	Upper
96	100		
61	168.0	0.0	526.5
98	63.7	0.0	123.4

Manual Integrations
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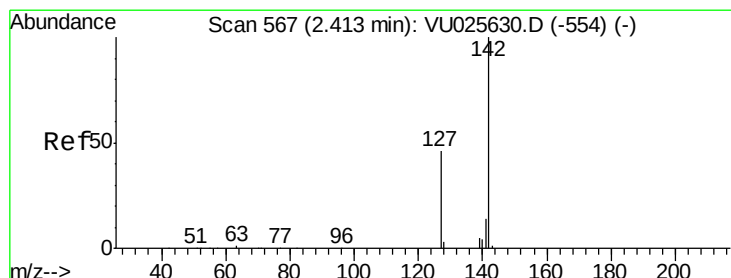
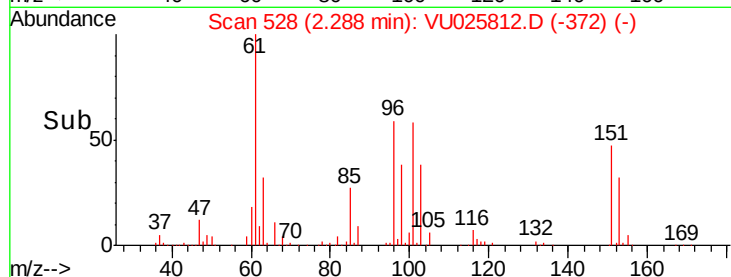
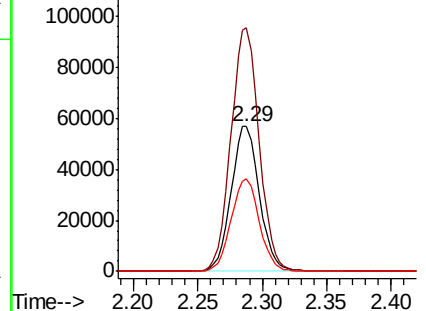
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8/6/2018 5:38:52 PM



Abundance Ion 96.00 (95.70 to 96.70): VU025630.D (-516) (-)

Ion 61.00 (60.70 to 61.70): VU025630.D (-516) (-)

Ion 98.00 (97.70 to 98.70): VU025630.D (-516) (-)



#10

Iodomethane

Concen: 6.62 ug/l

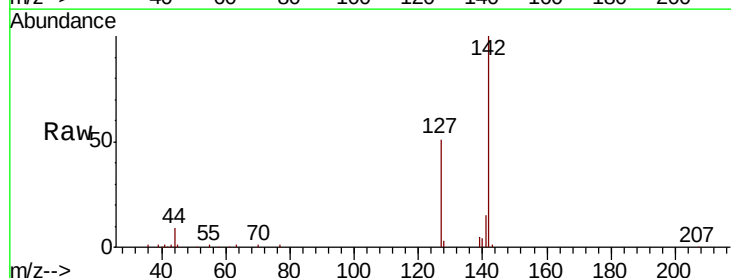
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025812.D

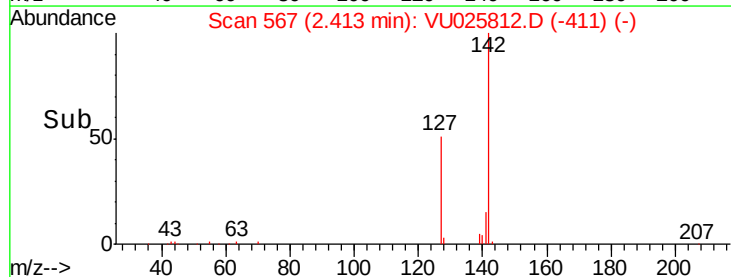
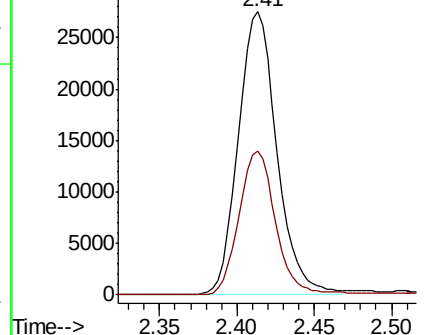
Acq: 03 Aug 2018 11:37

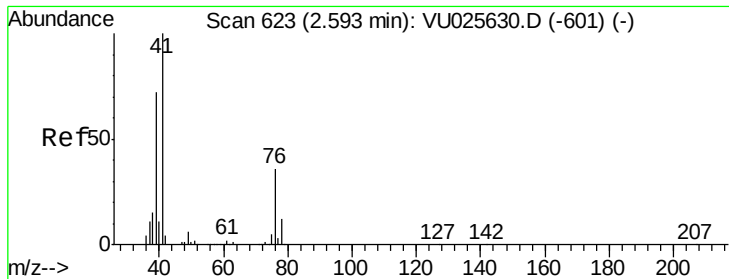
Tgt Ion:	142	Resp:	47706
Ion	Ratio	Lower	Upper
142	100		
127	48.2	34.5	51.7



Abundance Ion 142.00 (141.70 to 142.70): VU025630.D (-554) (-)

Ion 127.00 (126.70 to 127.70): VU025630.D (-554) (-)





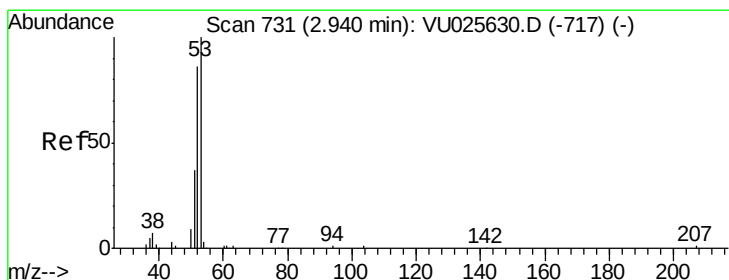
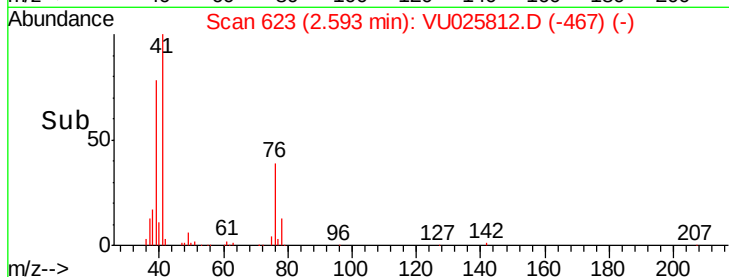
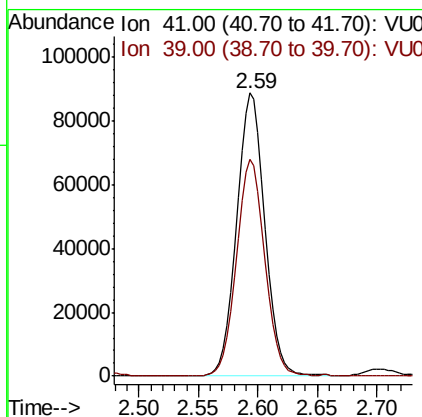
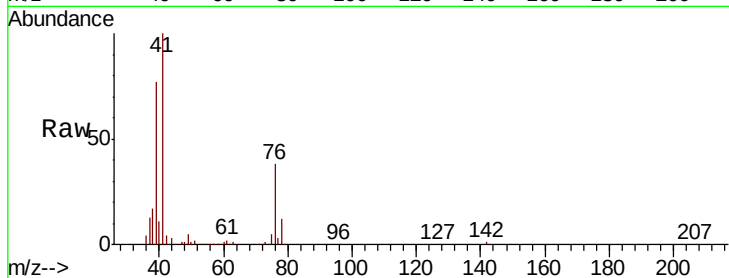
#11
Allvl Chloride
Concen: 11.17 ug/l
RT: 2.59 min Scan# 623
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
41	100		
39	76.6	51.4	77.2

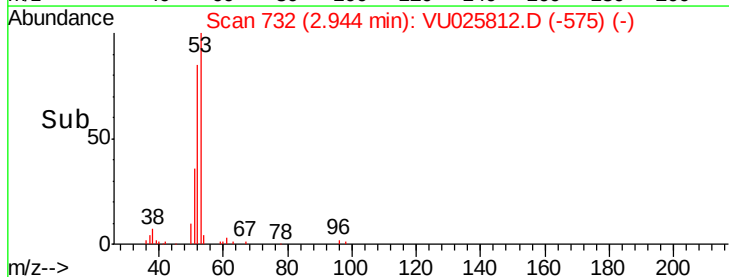
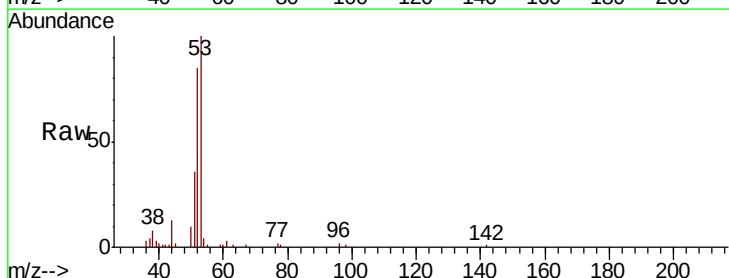
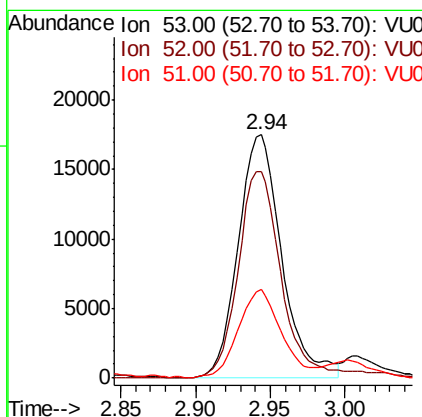
Manual Integrations
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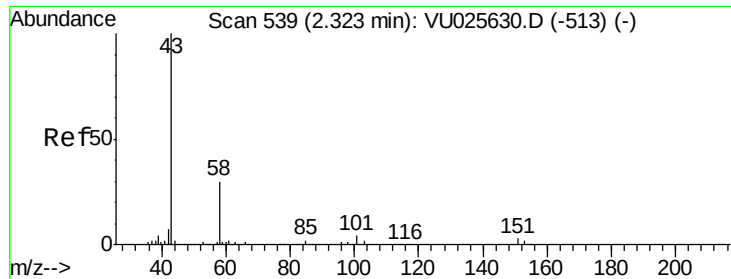
MMDadoda
8/6/2018 5:38:52 PM



#12
Acrylonitrile
Concen: 20.79 ug/l
RT: 2.94 min Scan# 732
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.7	65.1	97.7
51	35.2	30.2	45.4





#13

Acetone

Concen: 55.30 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 82373

Ion Ratio Lower Upper

43 100

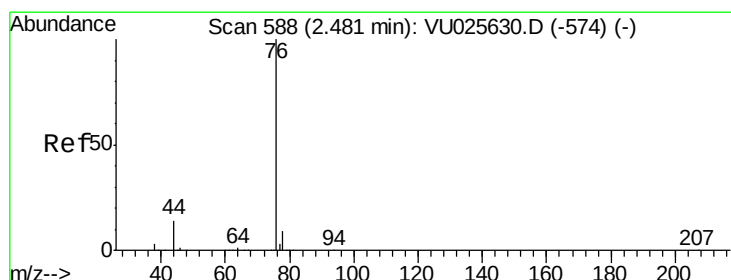
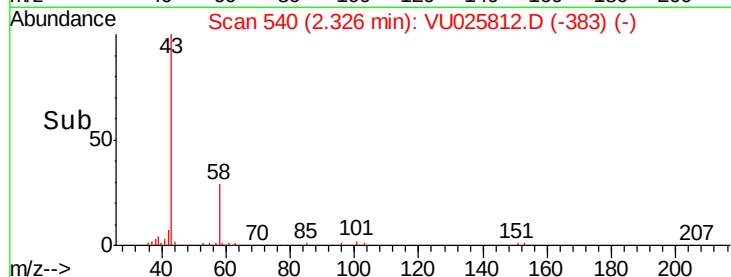
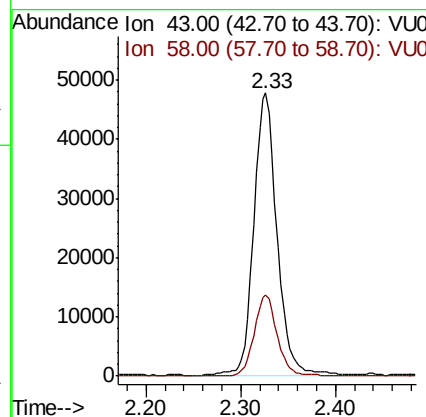
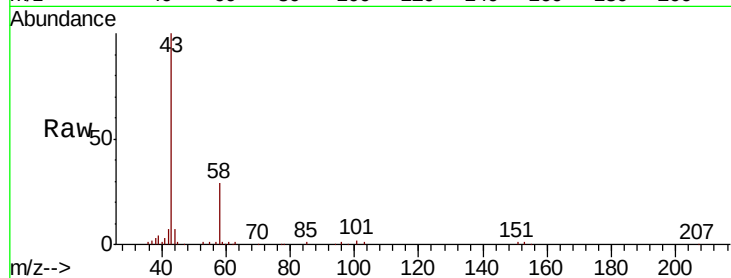
58 28.8 26.0 39.0

Manual Integrations

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#14

Carbon Disulfide

Concen: 10.97 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025812.D

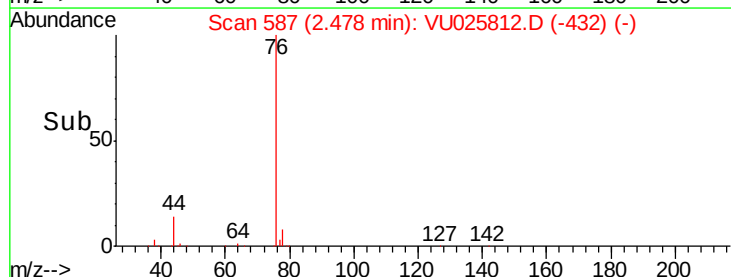
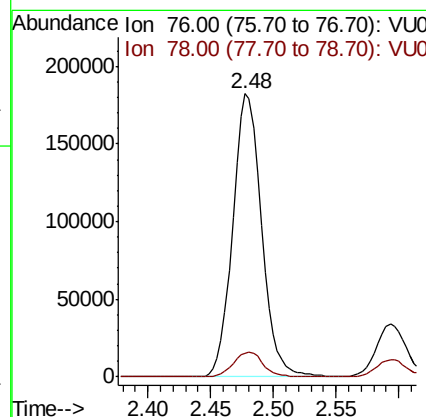
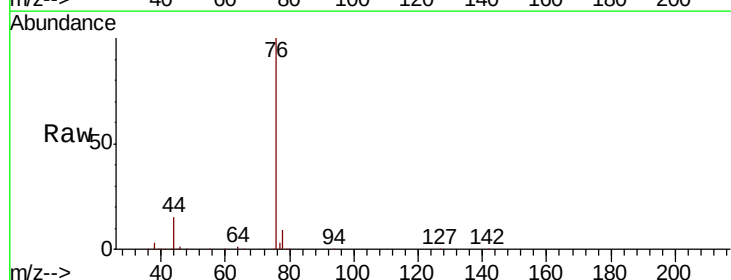
Acq: 03 Aug 2018 11:37

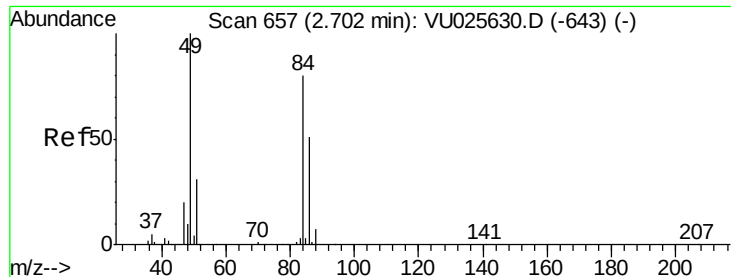
Tgt Ion: 76 Resp: 291395

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9





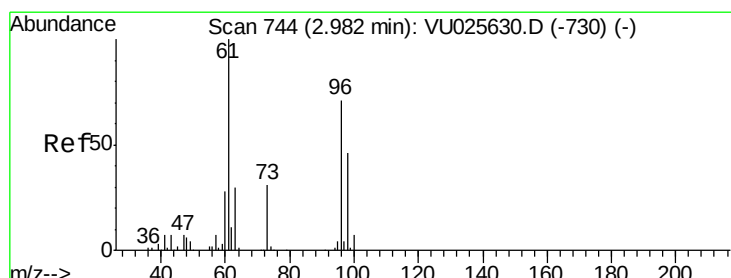
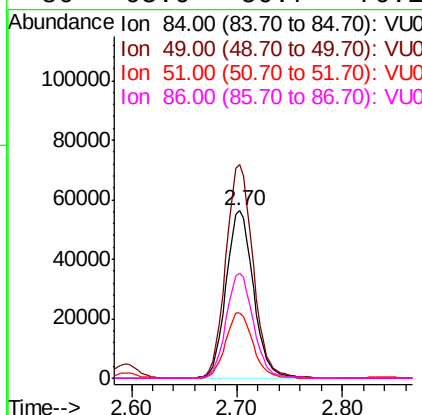
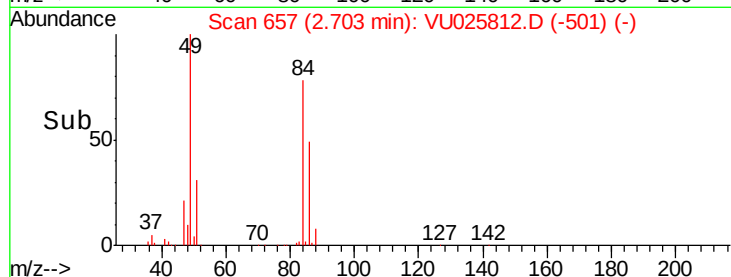
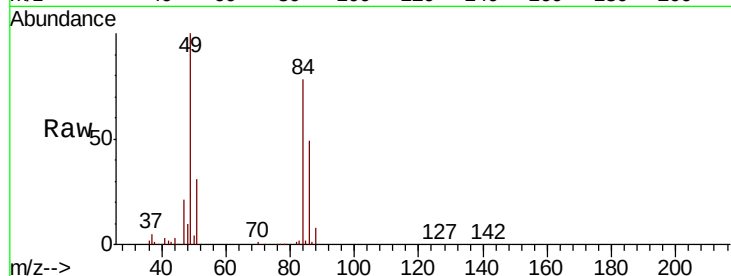
#15
Methvlene Chloride
Concen: 10.89 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
84	100		
49	127.5	108.7	163.1
51	39.3	0.0	82.4
86	63.0	50.7	76.1

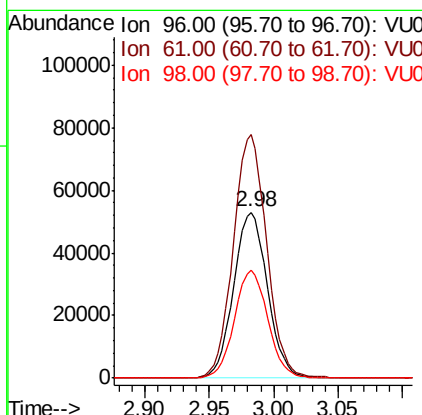
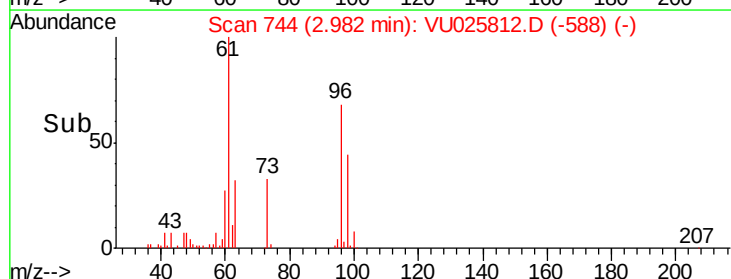
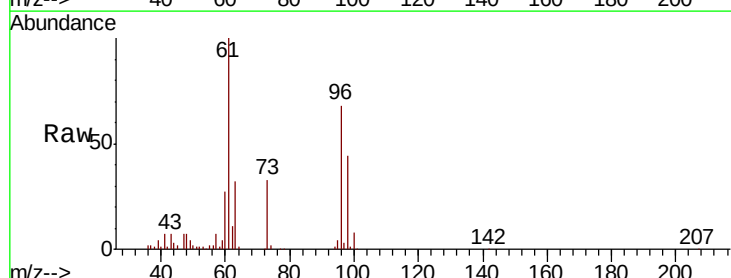
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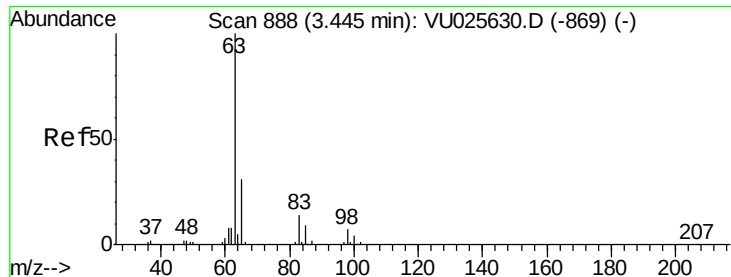
MMDadoda
8/6/2018 5:38:52 PM



#16
trans-1,2-Dichloroethene
Concen: 11.12 ug/l
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.6	123.9	185.9
98	65.0	50.6	76.0





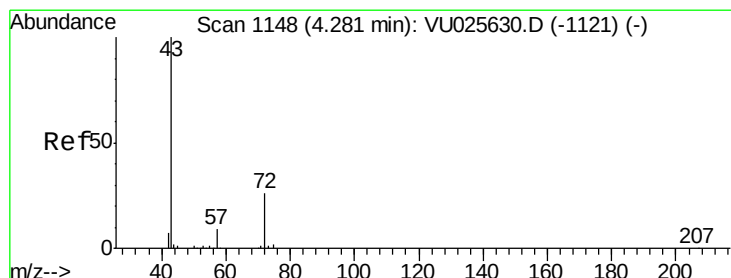
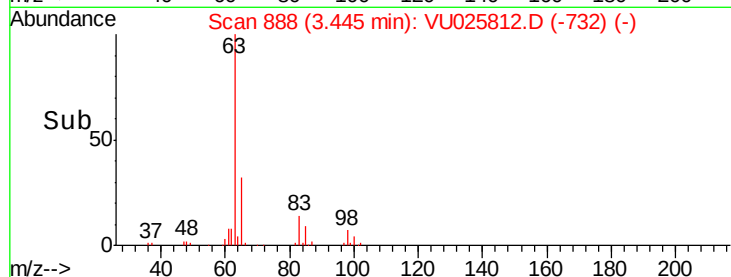
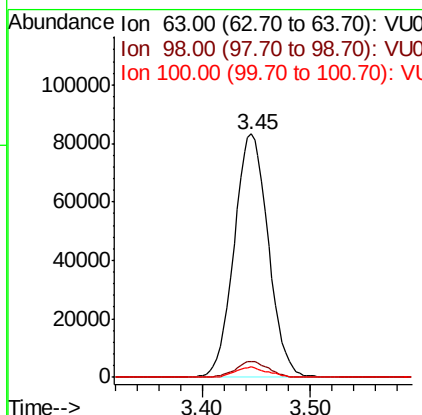
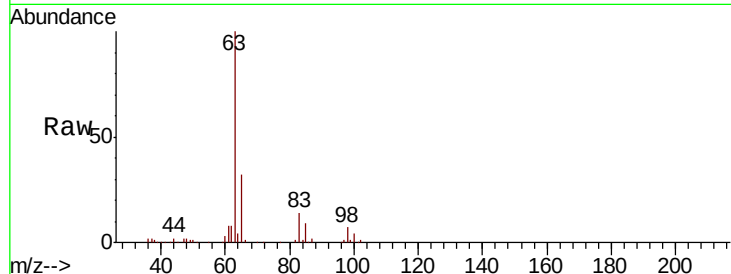
#17
 1,1-Dichloroethane
 Concen: 10.62 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
63	100	183427		
98	6.7	2.9	8.8	
100	4.3	2.0	5.8	

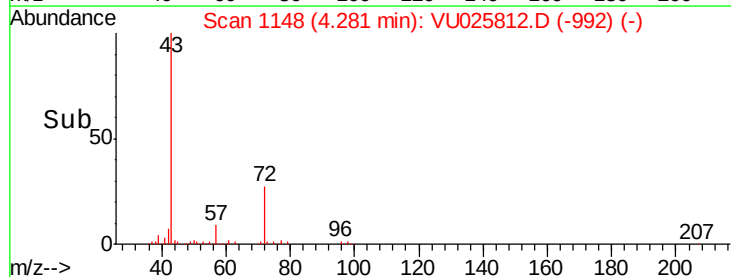
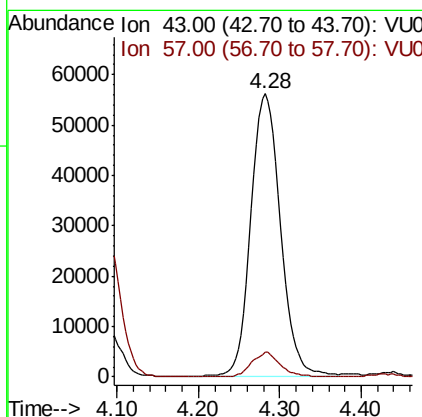
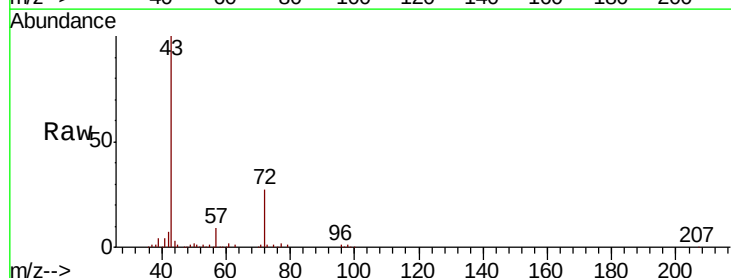
Manual Integrations
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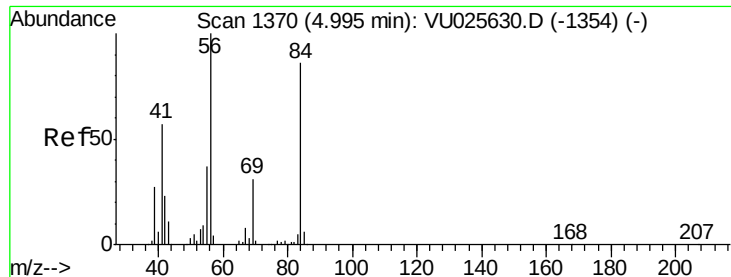
MMDadoda
 8/6/2018 5:38:52 PM



#18
 2-Butanone
 Concen: 54.81 ug/l
 RT: 4.28 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	141657		
57	8.6	0.0	15.8	





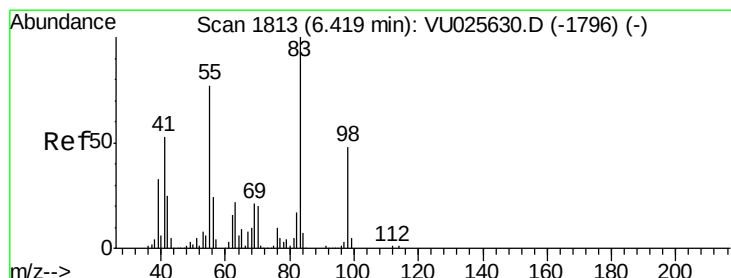
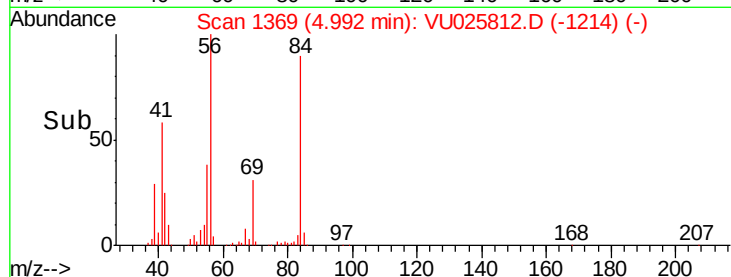
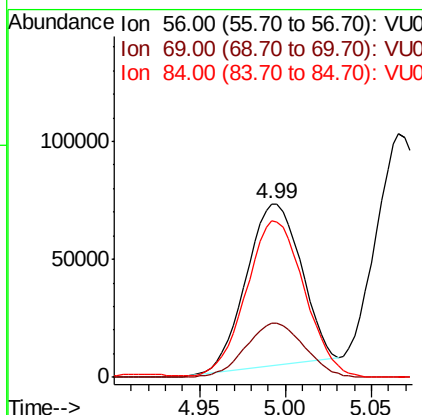
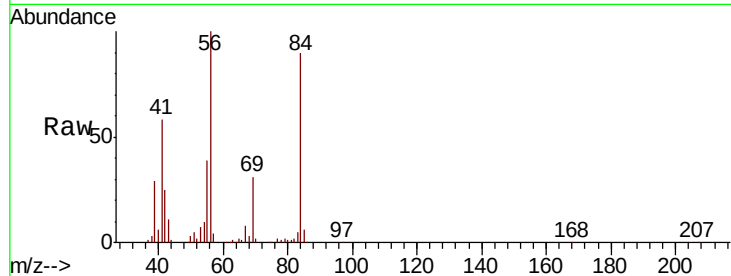
#19
Cyclohexane
Concen: 11.42 ug/l
RT: 4.99 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.0	26.0	39.0
84	101.7	68.3	102.5

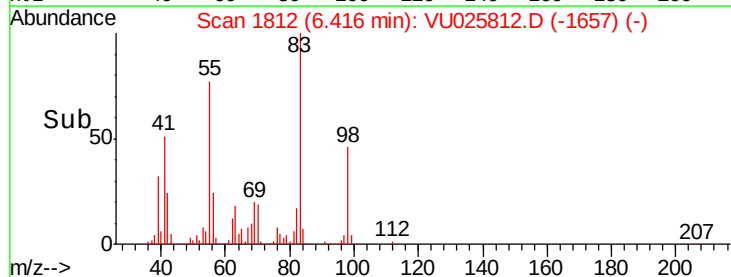
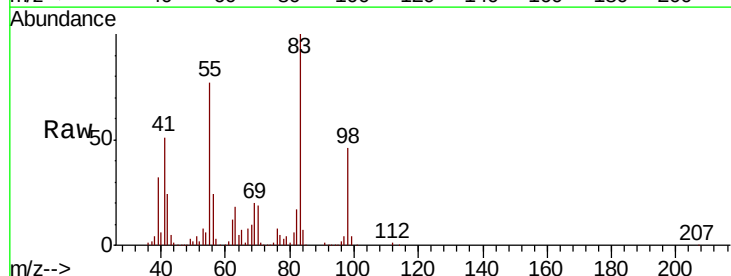
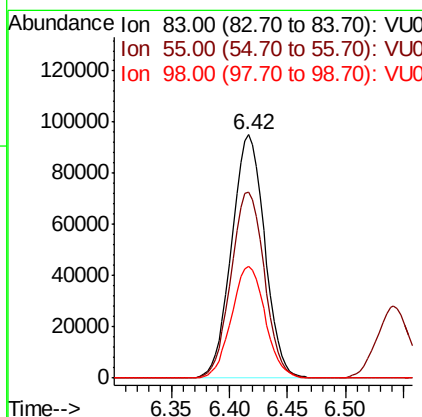
Manual Integrations
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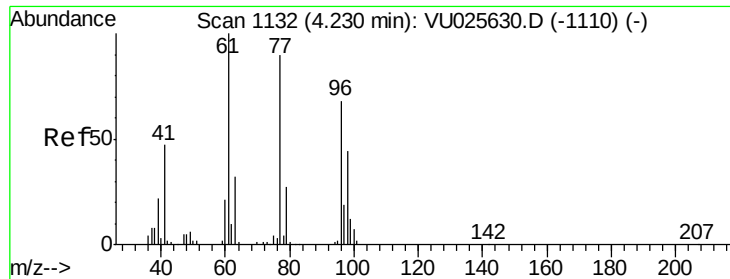
MMDadoda
8/6/2018 5:38:52 PM



#20
Methylcyclohexane
Concen: 11.48 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.1	66.4	99.6
98	46.8	35.4	53.2





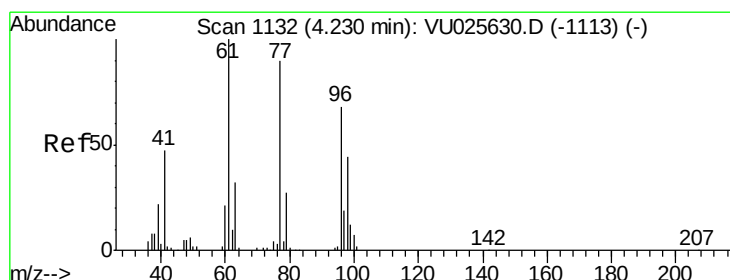
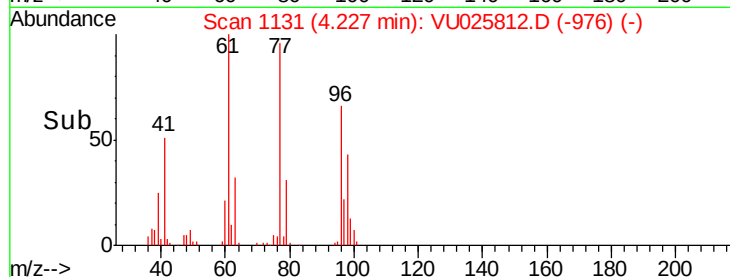
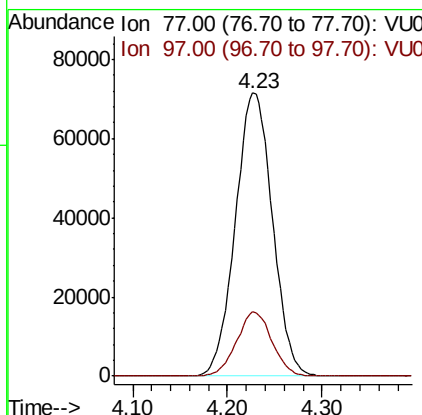
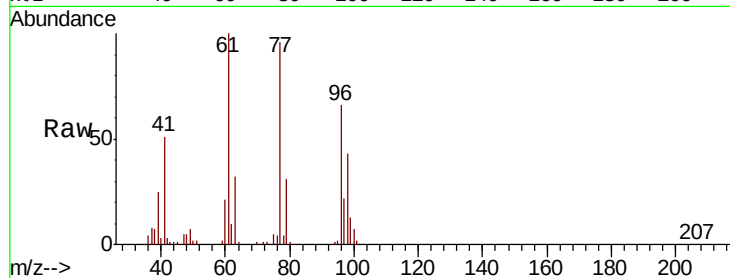
#21
 2,2-Dichloropropane
 Concen: 11.84 ug/l
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
77	100		
97	21.7	17.9	26.9

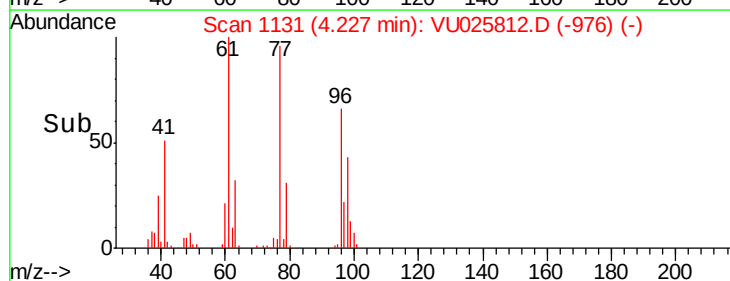
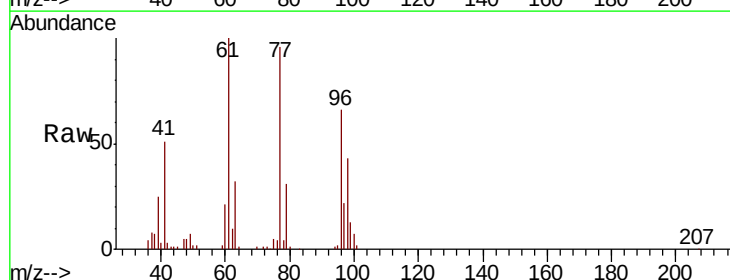
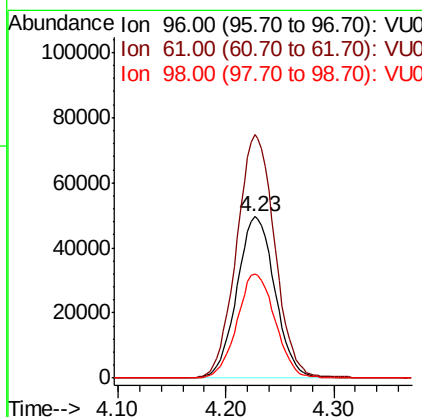
Manual Integrations
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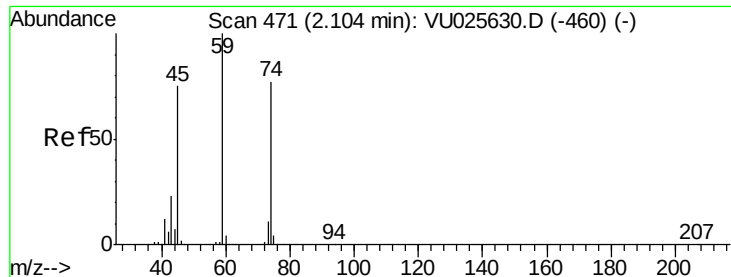
MMDadoda
 8/6/2018 5:38:52 PM



#22
 cis-1,2-Dichloroethene
 Concen: 11.09 ug/l
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	400.5
98	64.5	32.2	96.6





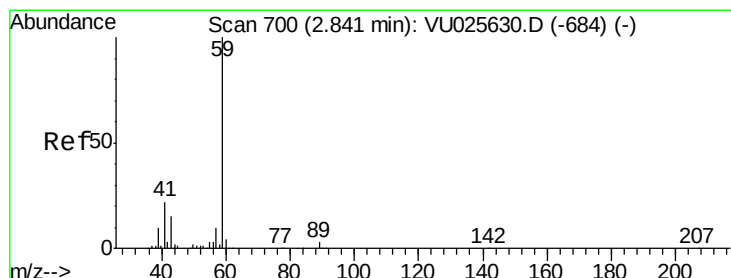
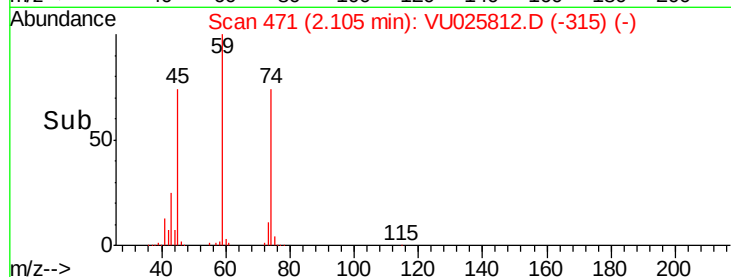
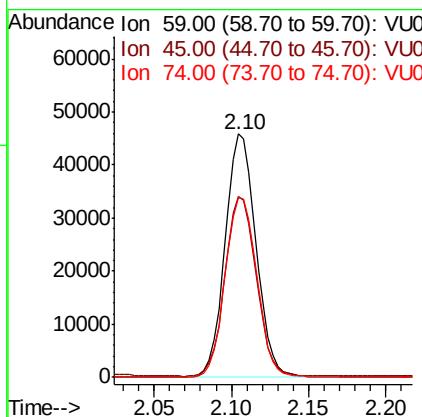
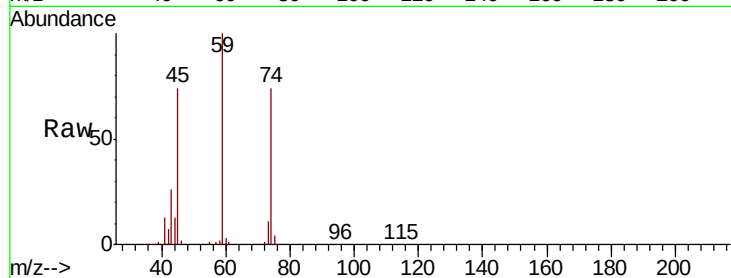
#23
Diethyl Ether
Concen: 10.75 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
59	100		
45	75.0	60.0	90.0
74	76.0	56.5	84.7

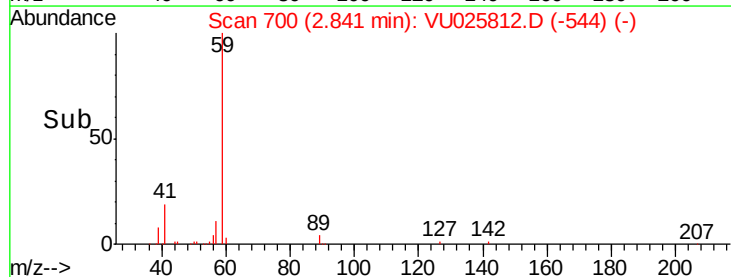
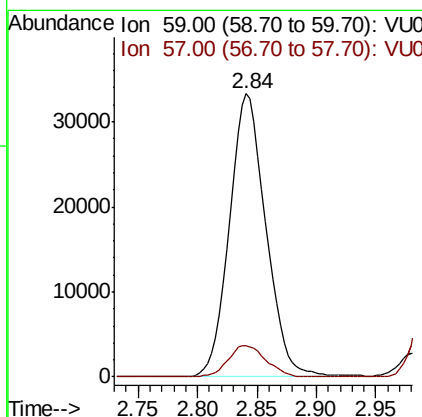
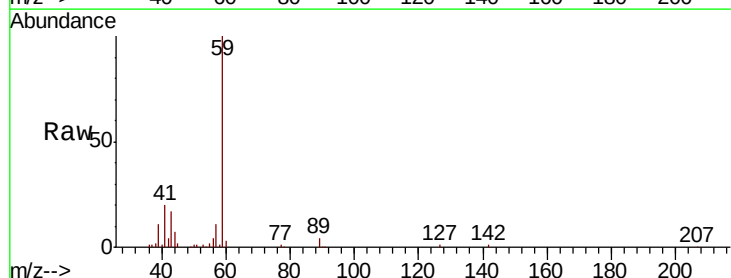
Manual Integrations
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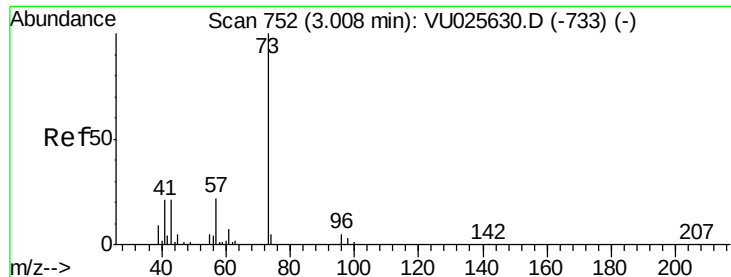
MMDadoda
8/6/2018 5:38:52 PM



#24
tert-Butyl Alcohol
Concen: 102.17 ug/l
RT: 2.84 min Scan# 700
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.5	3.4	5.2#





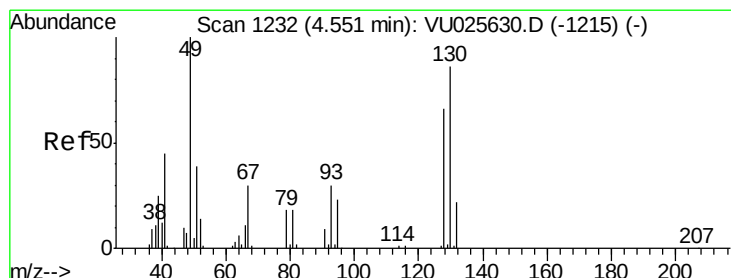
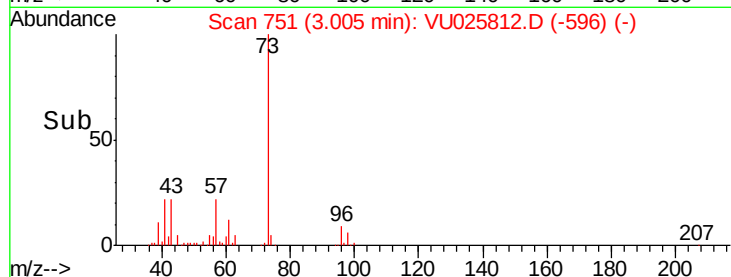
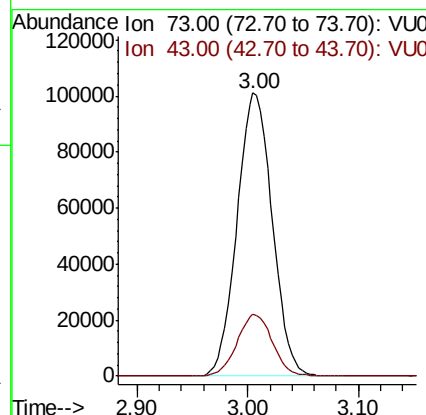
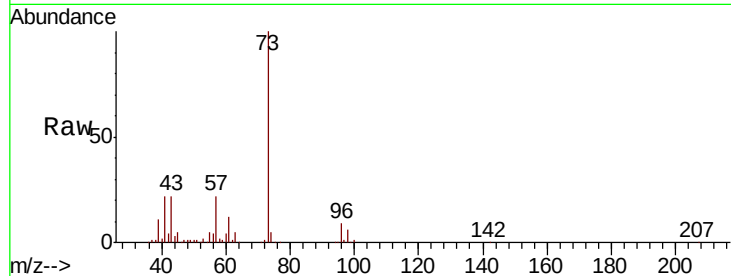
#25
Methvl tert-Butvl Ether
Concen: 10.63 ug/l
RT: 3.00 min Scan# 751
Delta R.T. -0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
73	100		
43	21.6	16.2	24.2

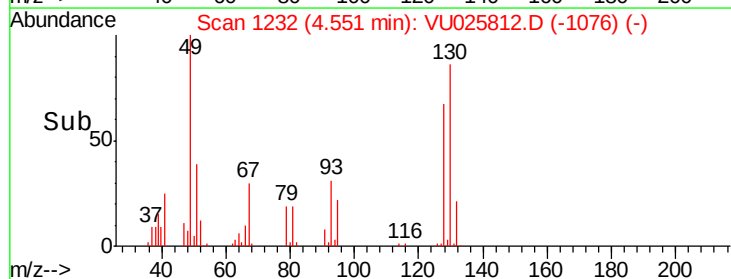
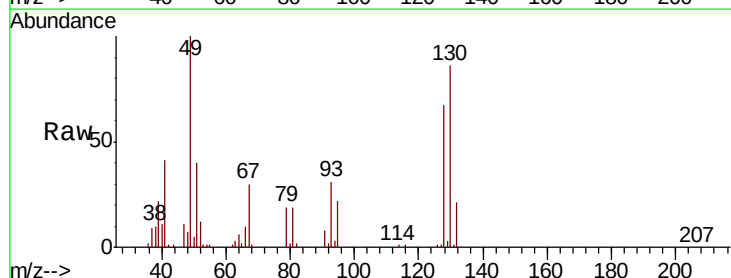
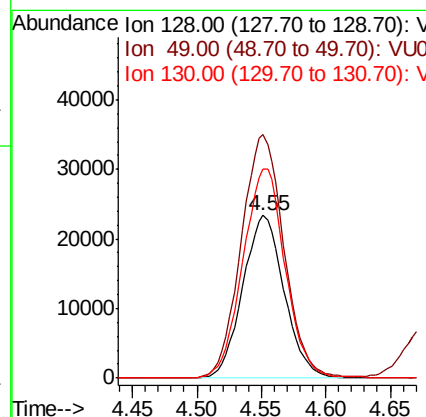
Manual Integrations
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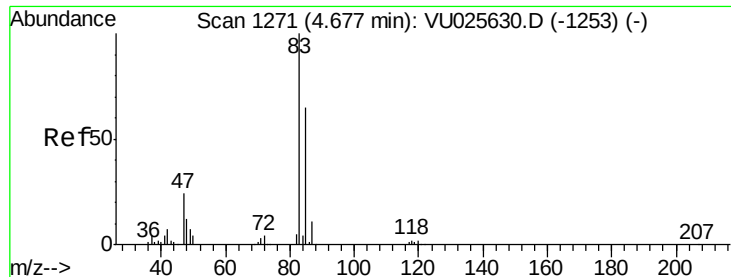
MMDadoda
8/6/2018 5:38:52 PM



#26
Bromochloromethane
Concen: 10.86 ug/l
RT: 4.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
128	100		
49	154.2	0.0	375.2
130	131.6	105.8	158.6





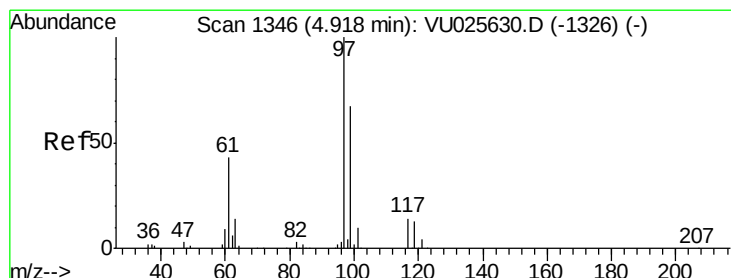
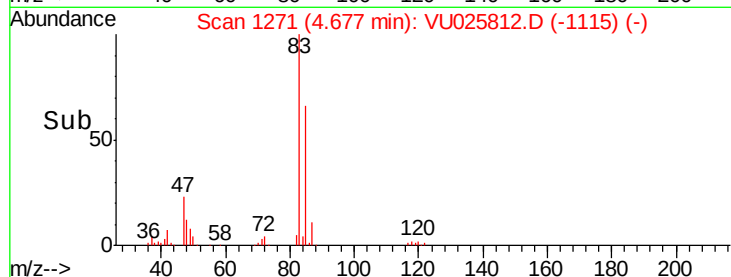
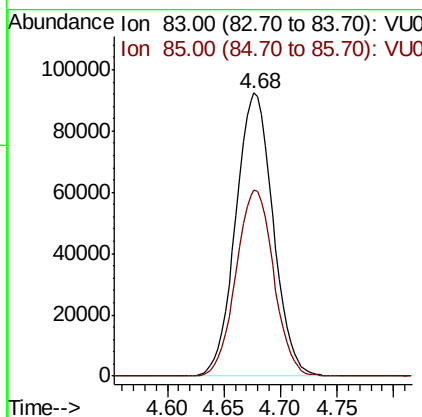
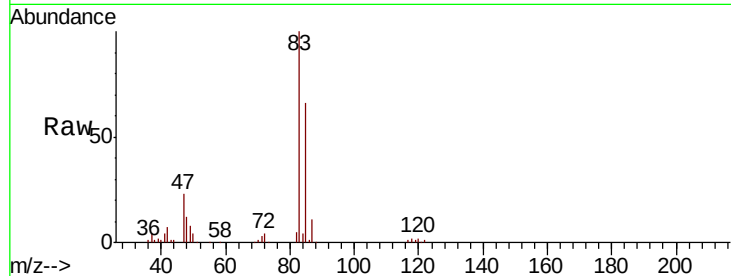
#27
Chloroform
Concen: 11.19 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC010

Tot Ion	83	Resp	212371
Ion Ratio	100	Lower	Upper
85	65.7	0.0	128.4

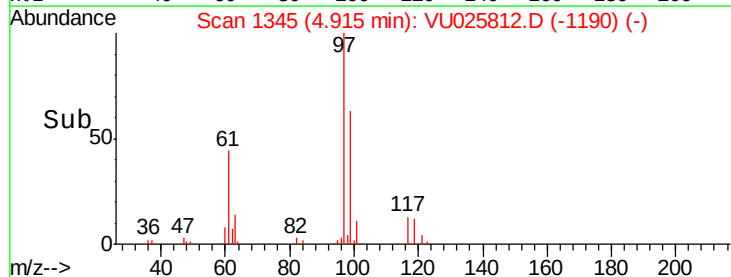
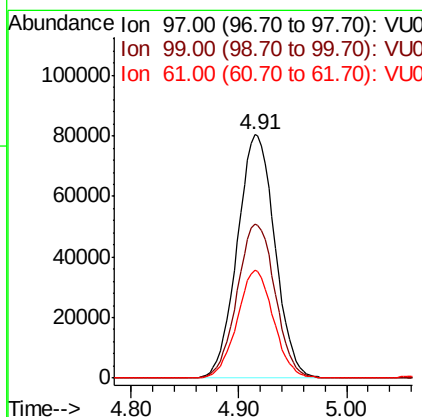
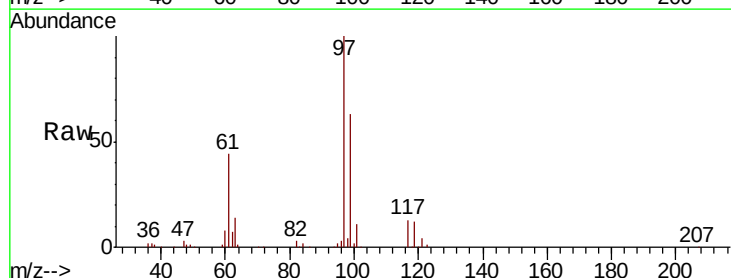
Manual Integrations
APPROVED

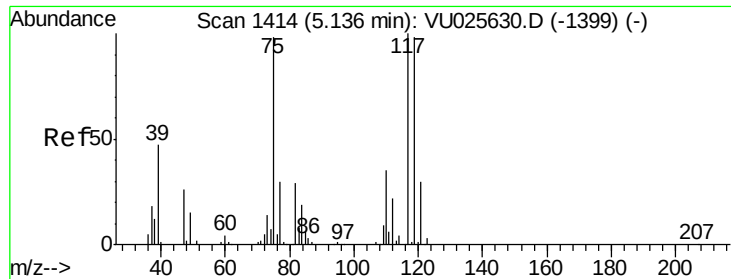
MMDadoda
8/6/2018 5:38:52 PM



#28
1,1,1-Trichloroethane
Concen: 11.37 ug/l
RT: 4.91 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion	97	Resp	194594
Ion Ratio	100	Lower	Upper
99	64.0	32.3	96.9
61	43.0	23.2	69.5





#29

1,1-Dichloropropene

Concen: 11.61 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

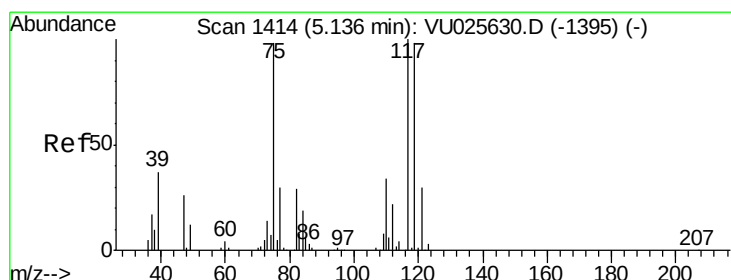
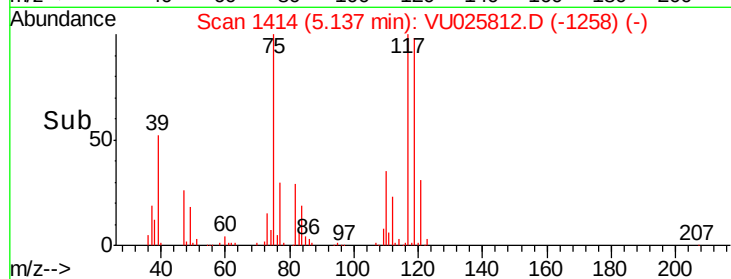
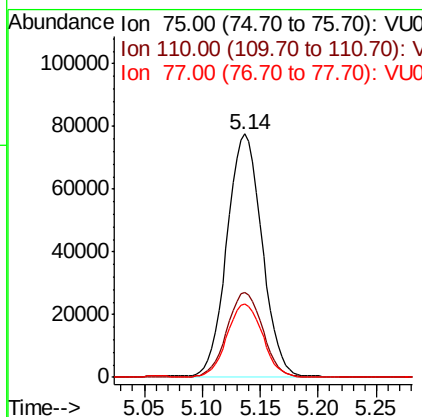
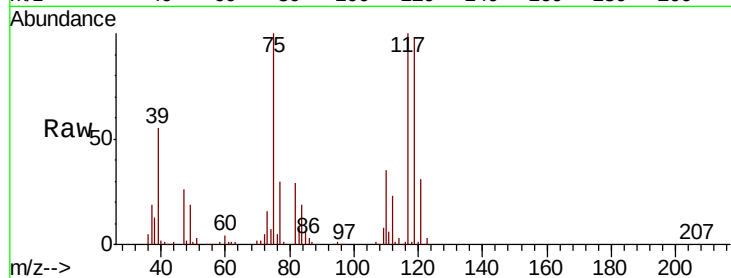
ClientSampleId :

VSTDCCC010

Tot Ion:	75	Resp:	163101
Ion Ratio	Lower	Upper	
75	100		
110	35.7	16.9	50.7
77	30.9	24.8	37.2

Manual Integrations
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MMDadoda
8/6/2018 5:38:52 PM



#30

Carbon Tetrachloride

Concen: 11.59 ug/l

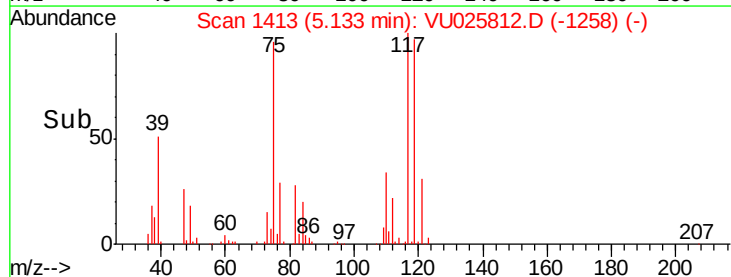
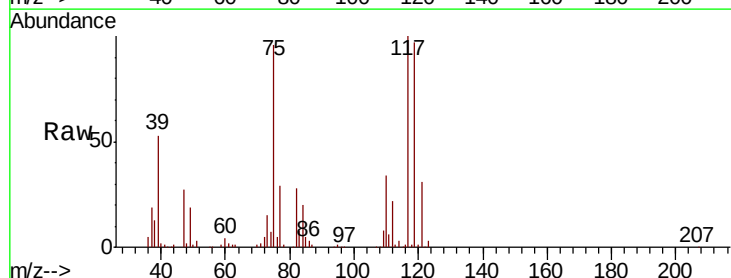
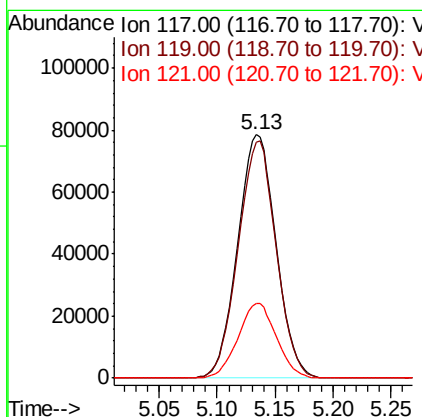
RT: 5.13 min Scan# 1413

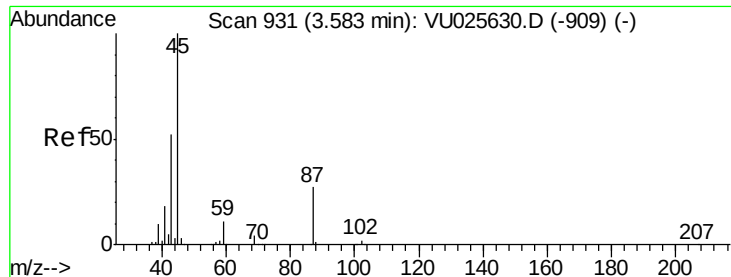
Delta R.T. -0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Tgt Ion:	117	Resp:	180189
Ion Ratio	Lower	Upper	
117	100		
119	96.8	77.3	115.9
121	30.7	24.5	36.7





#31

Isopropyl Ether

Concen: 11.12 ug/l

RT: 3.58 min Scan# 930

Delta R.T. -0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

ClientSampled :

VSTDCCC010

Tot Ion: 45 Resp: 307807

Ion Ratio Lower Upper

45 100

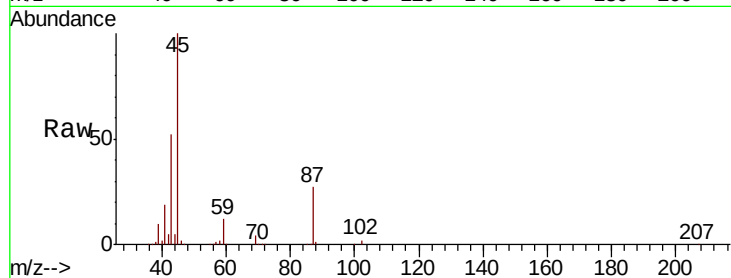
43 52.7 24.0 72.0

Manual Integrations

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8/6/2018 5:38:52 PM



Abundance Ion 45.00 (44.70 to 45.70): VU025630.D (-909) (-)

Ion 43.00 (42.70 to 43.70): VU025630.D (-909) (-)

3.58

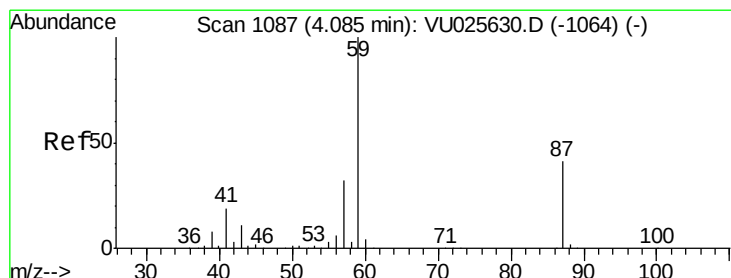
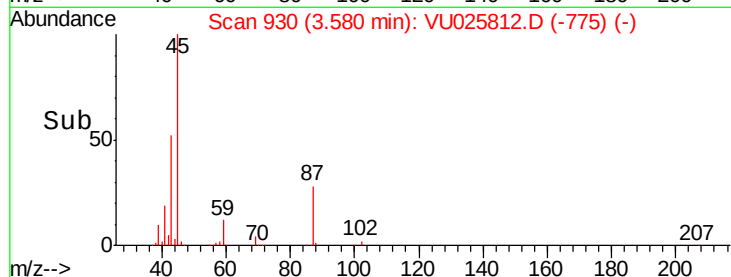
150000

100000

50000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 10.99 ug/l

RT: 4.08 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VU025812.D

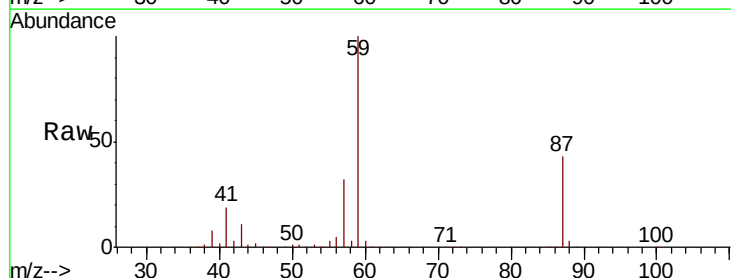
Acq: 03 Aug 2018 11:37

Tgt Ion: 59 Resp: 289080

Ion Ratio Lower Upper

59 100

87 43.4 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU025630.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VU025630.D (-1064) (-)

4.08

120000

100000

80000

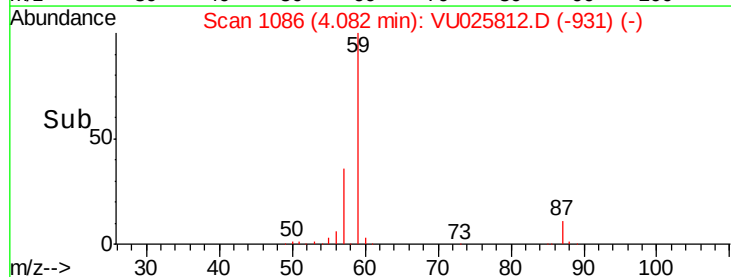
60000

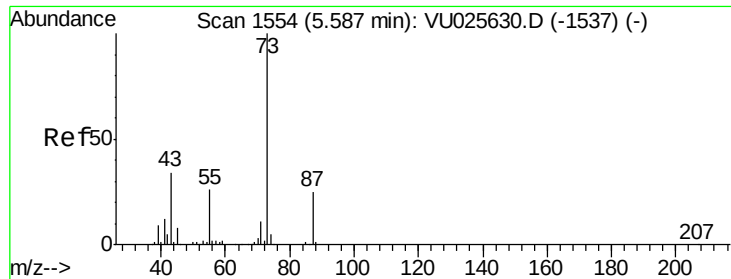
40000

20000

0

Time-->





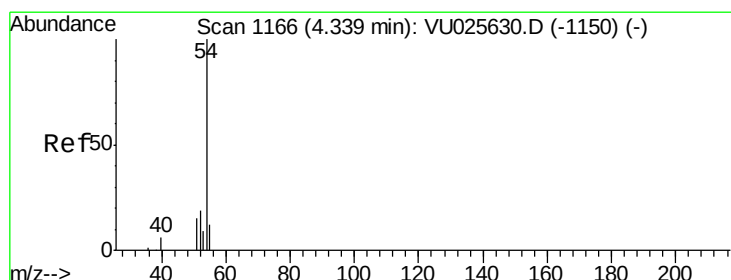
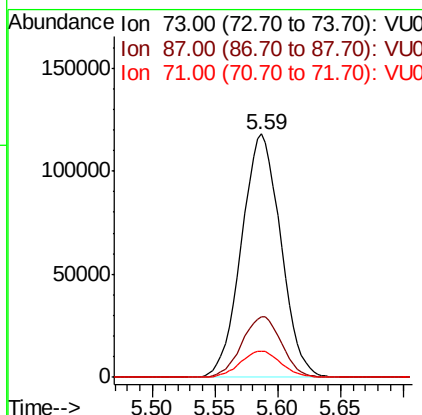
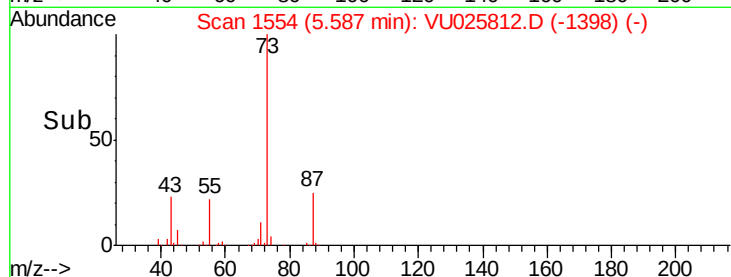
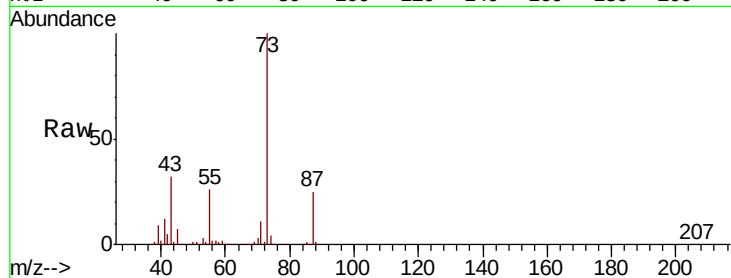
#33
Tert-Butyl methyl ether
Concen: 11.05 ug/l
RT: 5.59 min Scan# 1554
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
73	100		
87	25.3	18.6	28.0
71	11.2	9.3	13.9

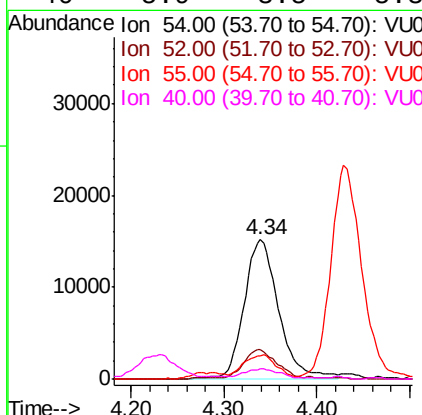
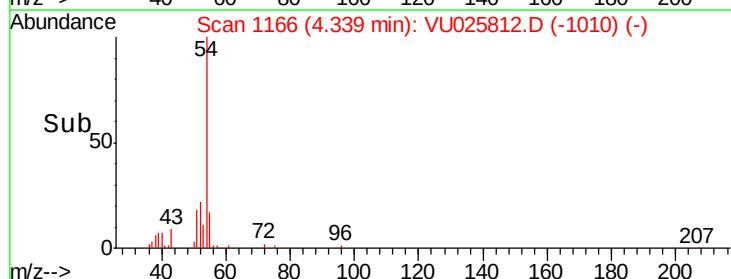
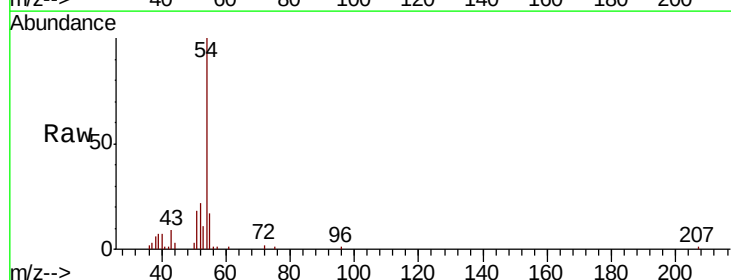
Manual Integrations
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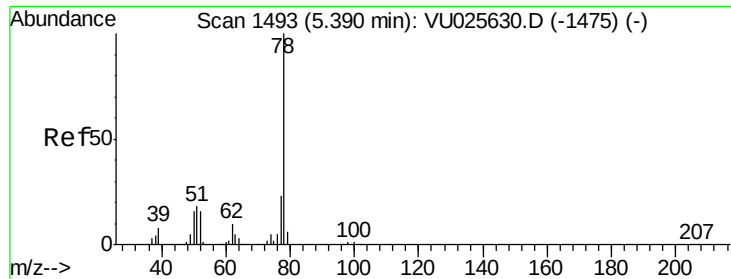
MMDadoda
8/6/2018 5:38:52 PM



#34
Propionitrile
Concen: 54.75 ug/l
RT: 4.34 min Scan# 1166
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.8	13.7	20.5
55	13.5	10.2	15.2
40	5.9	3.5	5.3#





#35

Benzene

Concen: 11.45 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 78 Resp: 449625

Ion Ratio Lower Upper

78 100

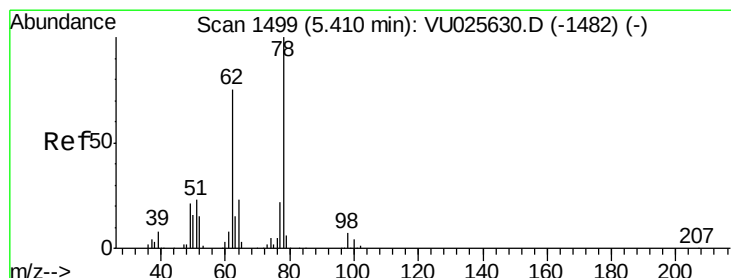
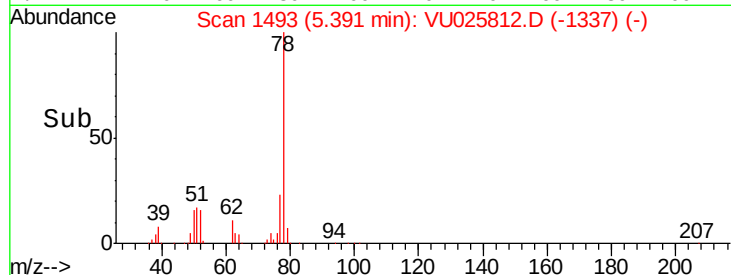
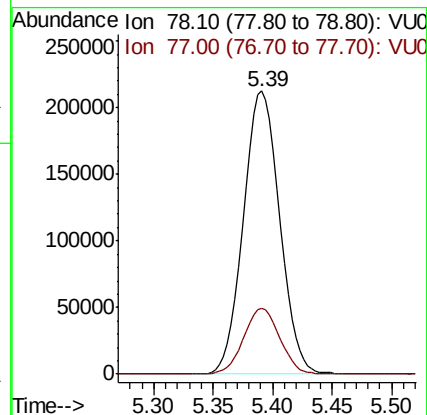
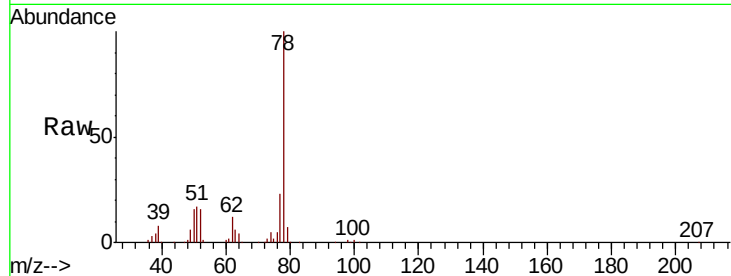
77 23.4 19.1 28.7

Manual Integrations

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8/6/2018 5:38:52 PM



#36

1,2-Dichloroethane

Concen: 11.26 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU025812.D

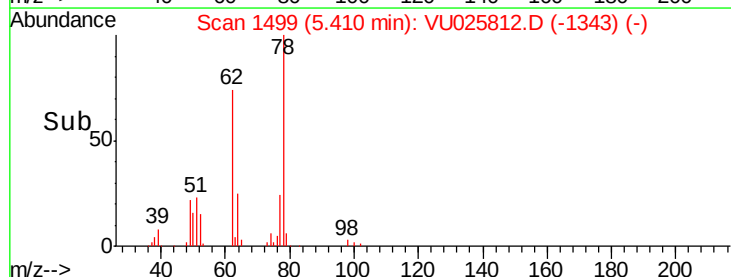
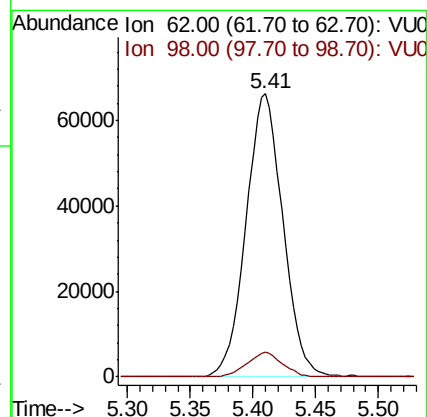
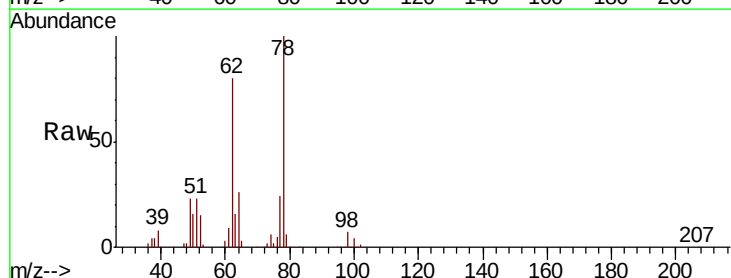
Acq: 03 Aug 2018 11:37

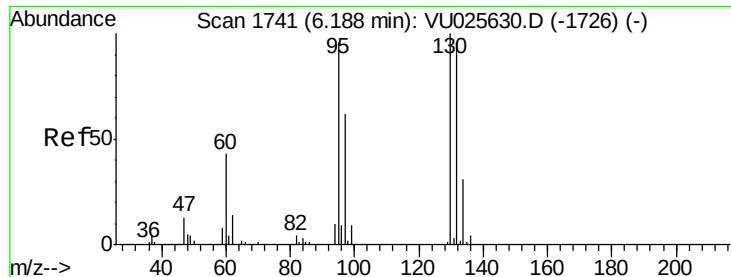
Tgt Ion: 62 Resp: 135725

Ion Ratio Lower Upper

62 100

98 8.4 7.2 10.8





#37

Trichloroethene

Concen: 10.99 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:130 Resp: 127134

Ion Ratio Lower Upper

130 100

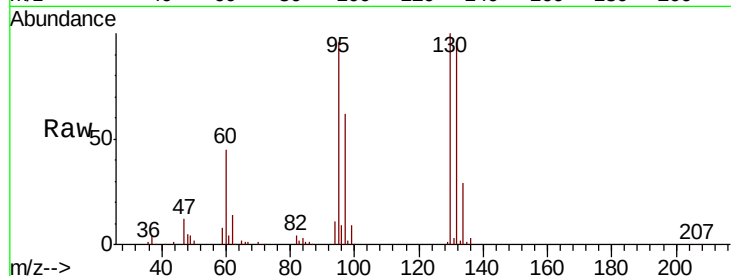
95 95.6 77.9 116.9

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0

6.19

80000

60000

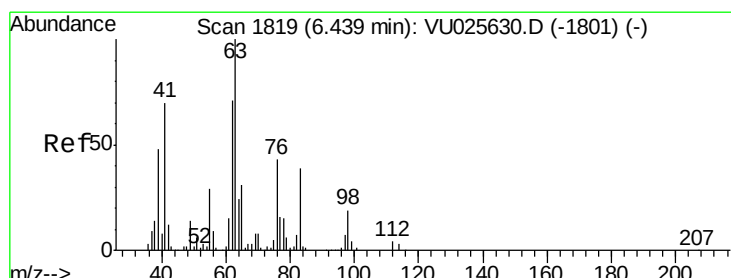
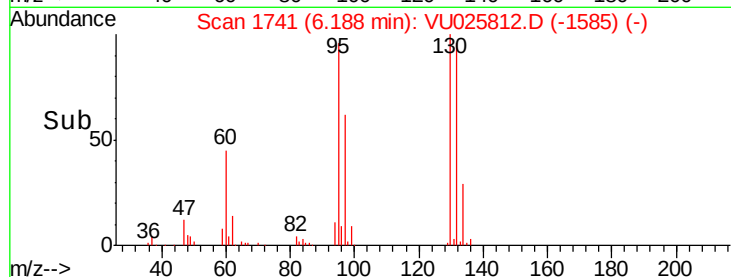
40000

20000

0

6.10 6.20 6.30

Time-->



#38

1,2-Dichloropropane

Concen: 11.21 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025812.D

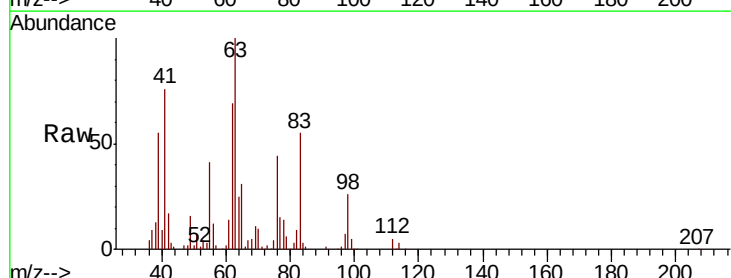
Acq: 03 Aug 2018 11:37

Tgt Ion: 63 Resp: 114213

Ion Ratio Lower Upper

63 100

65 31.4 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

6.44

60000

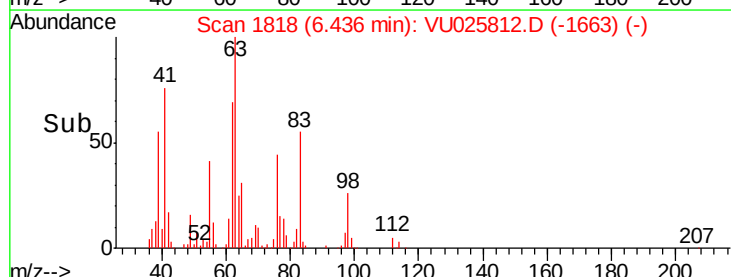
40000

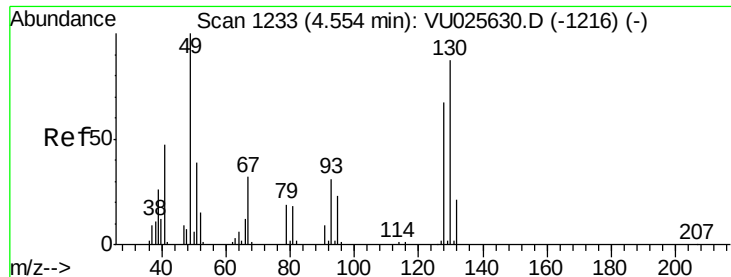
20000

0

6.35 6.40 6.45 6.50 6.55

Time-->





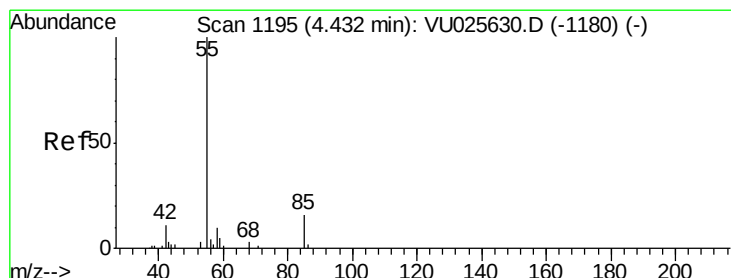
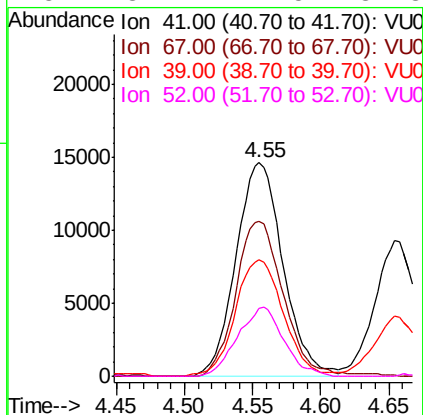
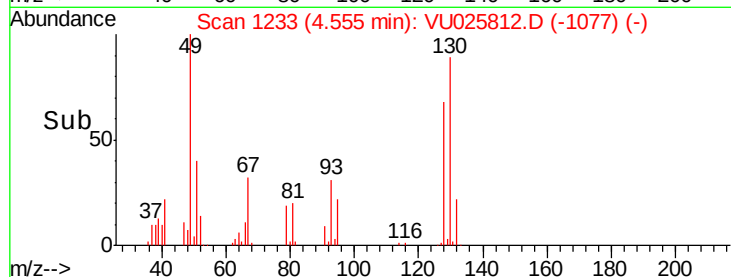
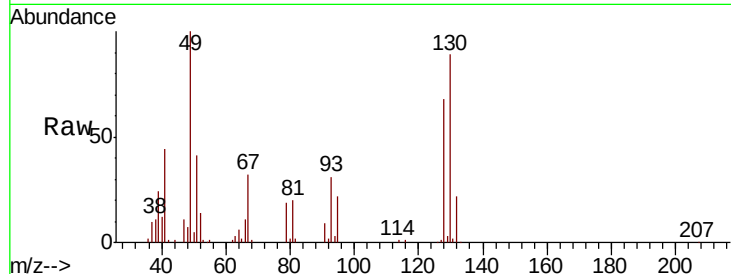
#39
Methacrylonitrile
Concen: 10.62 ug/l
RT: 4.55 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	41	Resp	35104
Ion	Ratio	Lower	Upper
41	100		
67	72.7	51.3	76.9
39	55.6	40.6	60.8
52	31.7	21.5	32.3

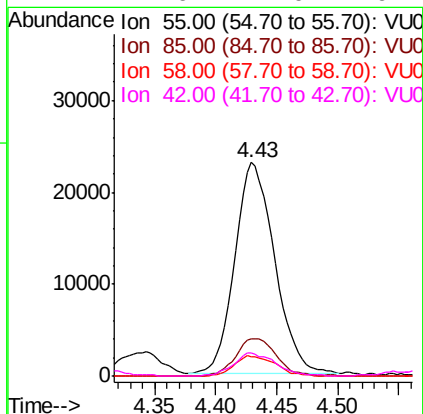
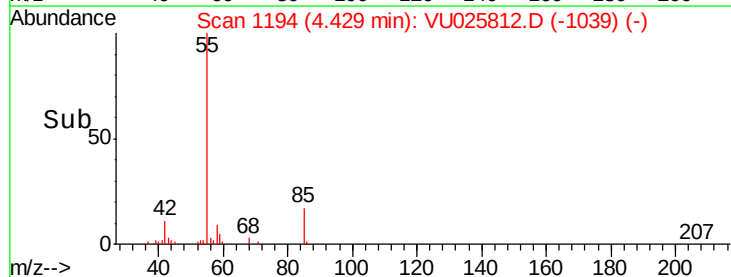
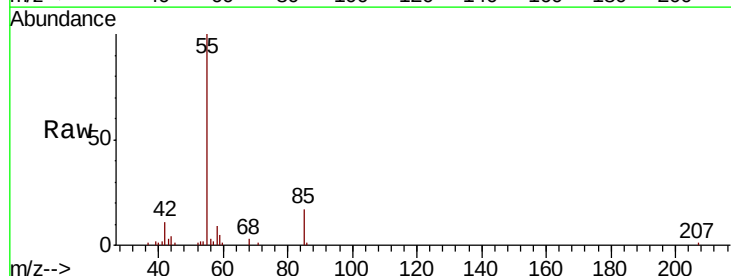
Manual Integrations
APPROVED

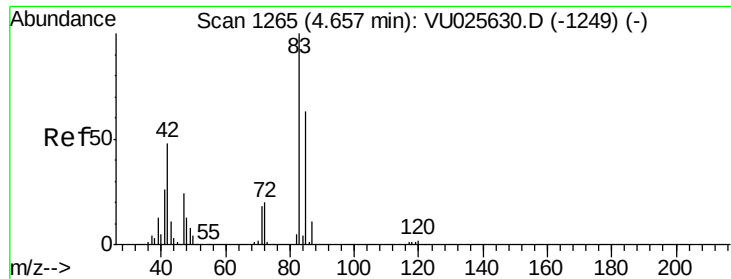
MMDadoda
8/6/2018 5:38:52 PM



#40
Methyl acrylate
Concen: 10.40 ug/l
RT: 4.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion	55	Resp	51841
Ion	Ratio	Lower	Upper
55	100		
85	18.0	12.3	18.5
58	9.9	7.0	10.6
42	11.6	7.0	10.4#





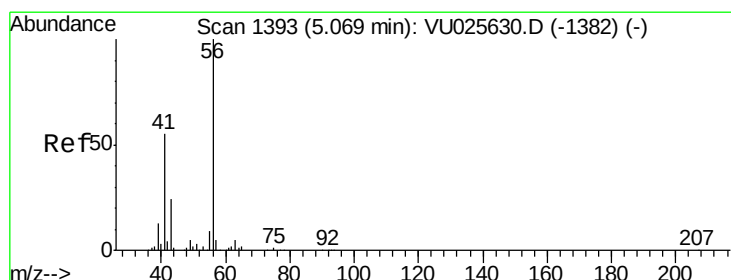
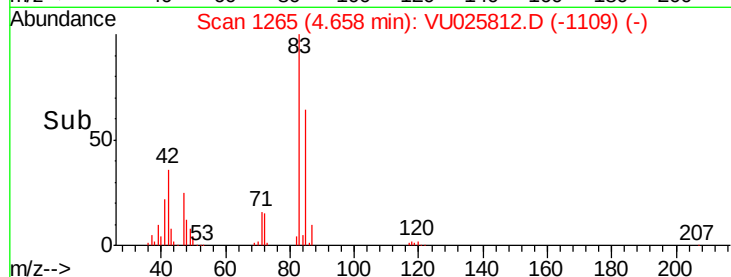
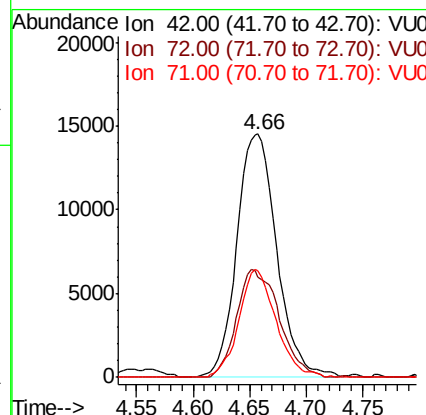
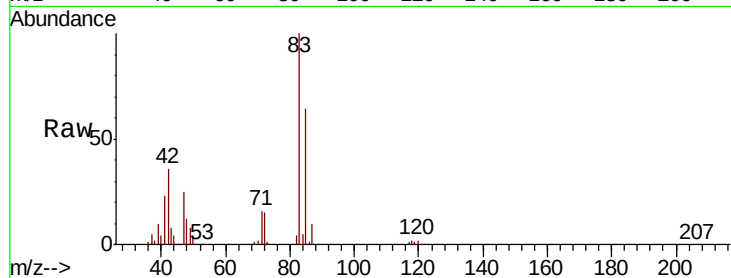
#41
Tetrahydrofuran
Concen: 18.26 ug/l
RT: 4.66 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	33.2	49.8
71	41.0	29.8	44.8

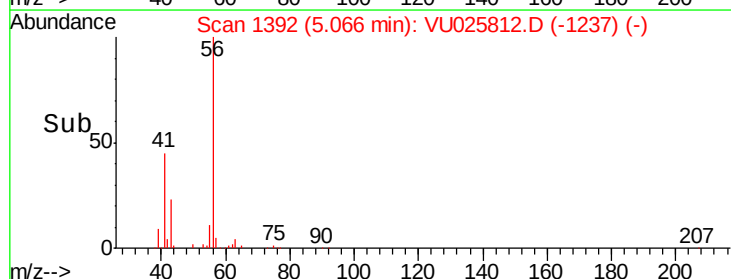
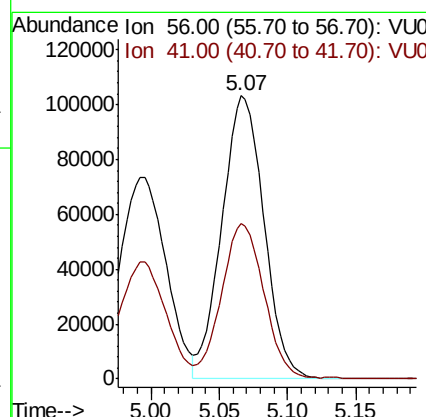
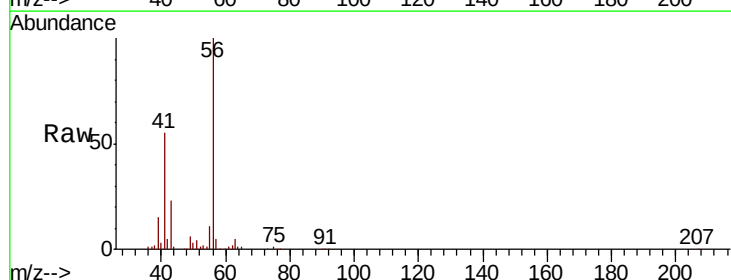
Manual Integrations
APPROVED

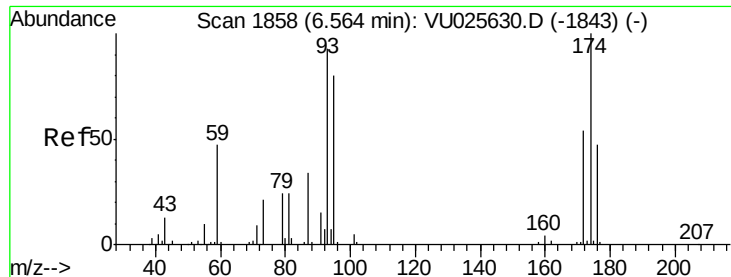
MMDadoda
8/6/2018 5:38:52 PM



#42
1-Chlorobutane
Concen: 11.50 ug/l
RT: 5.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
56	100		
41	54.9	27.5	82.5





#43

Dibromomethane

Concen: 11.23 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

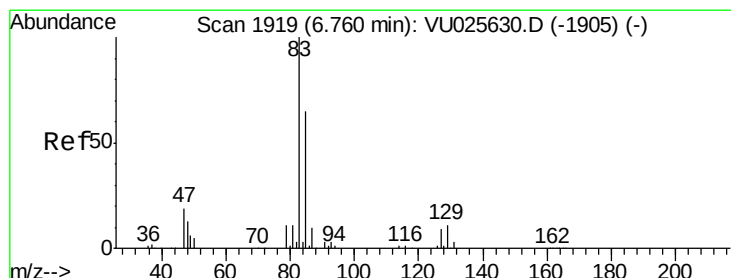
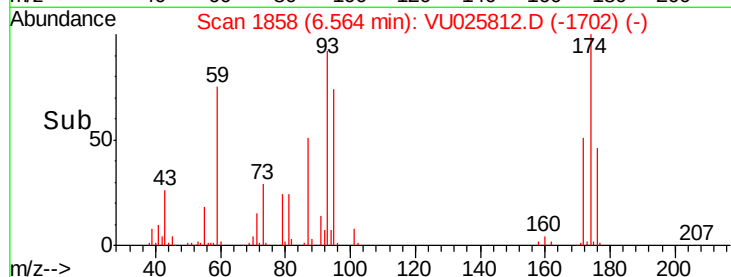
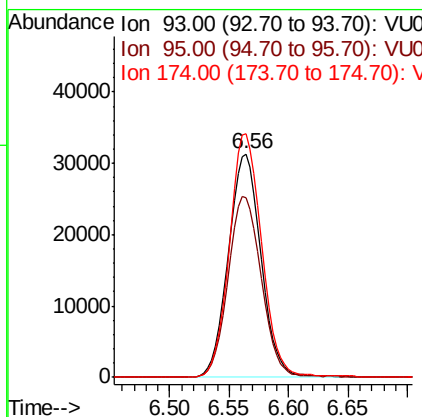
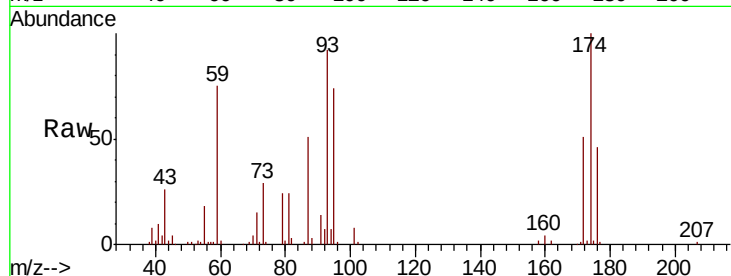
ClientSampleId :

VSTDCCC010

Tot Ion:	93	Resp:	59688
Ion	Ratio	Lower	Upper
93	100		
95	82.3	67.2	100.8
174	108.0	82.8	124.2

Manual Integrations
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MMDadoda
8/6/2018 5:38:52 PM



#44

Bromodichloromethane

Concen: 11.57 ug/l

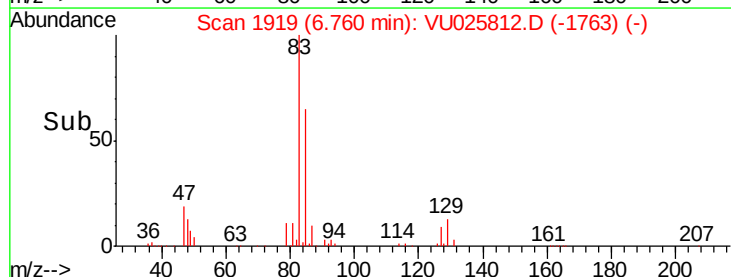
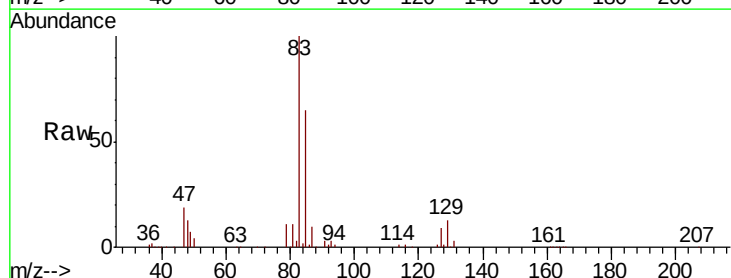
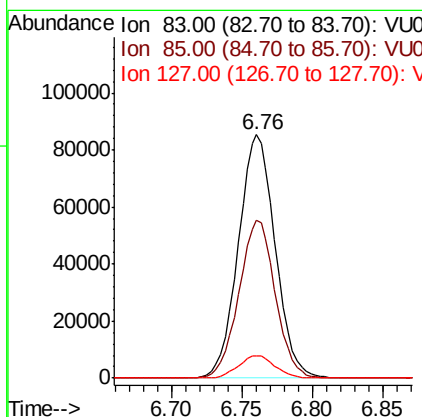
RT: 6.76 min Scan# 1919

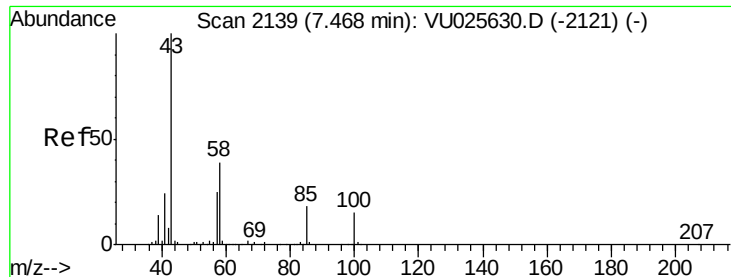
Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Tgt Ion:	83	Resp:	155893
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.4
127	9.1	7.0	10.4





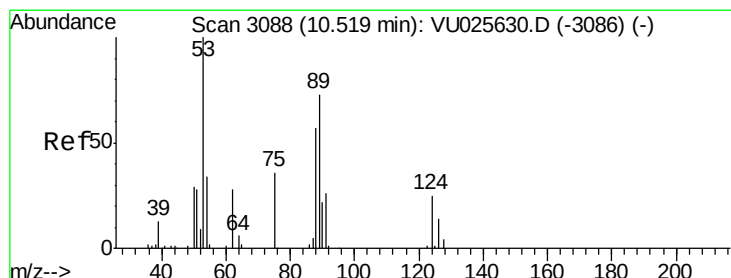
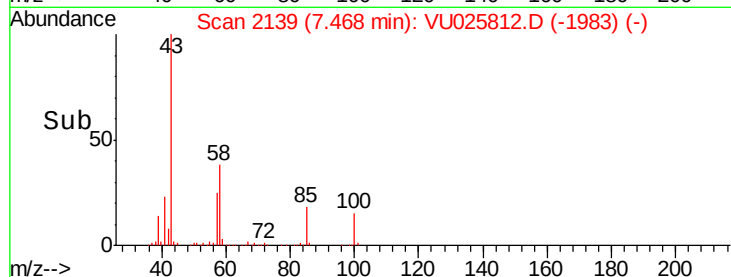
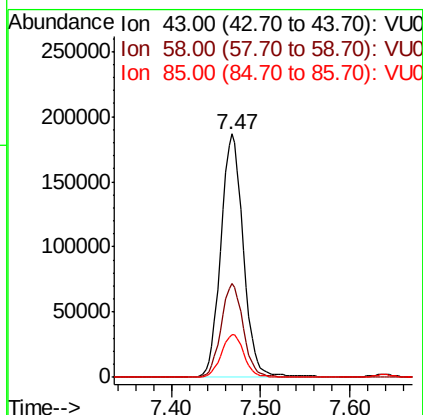
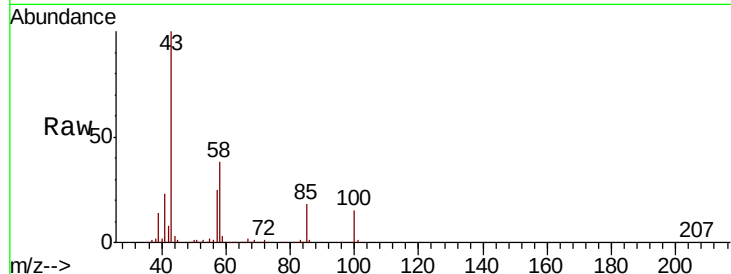
#45
 4-Methyl-2-Pentanone
 Concen: 55.14 ug/l
 RT: 7.47 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.7	18.8	56.4
85	17.7	12.6	19.0

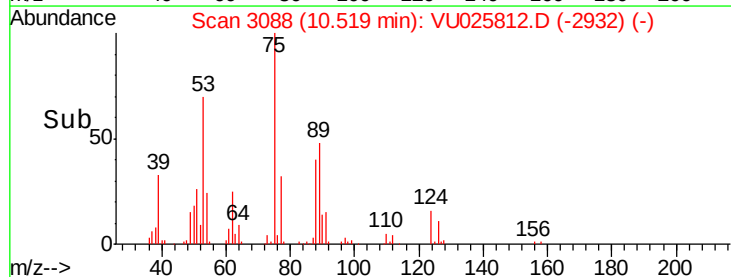
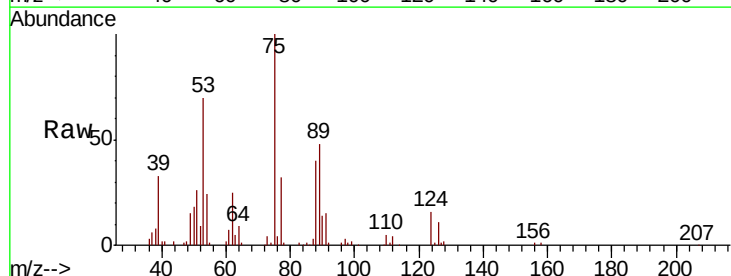
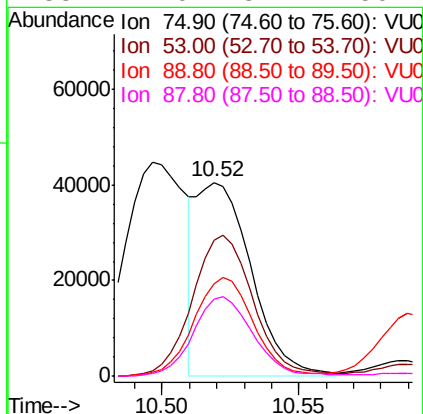
Manual Integrations
 APPROVED

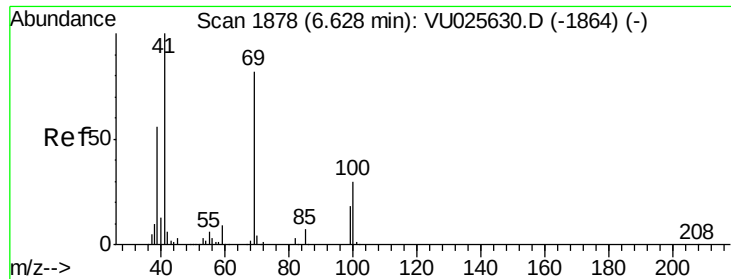
MMDadoda
 8/6/2018 5:38:52 PM



#46
 t-1,4-Dichloro-2-butene
 Concen: 22.41 ug/l m
 RT: 10.52 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
53	80.6	82.2	123.4#
89	54.8	51.3	76.9
88	44.0	37.4	56.2





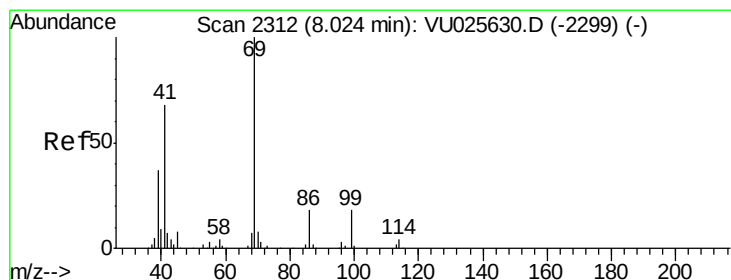
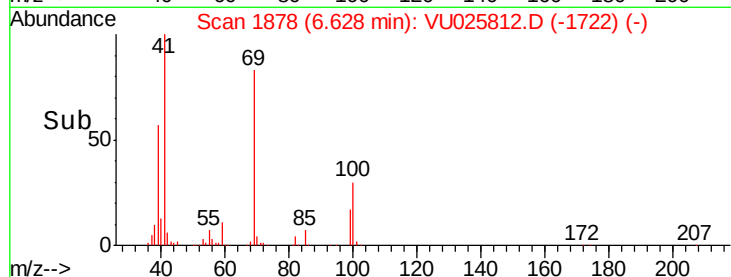
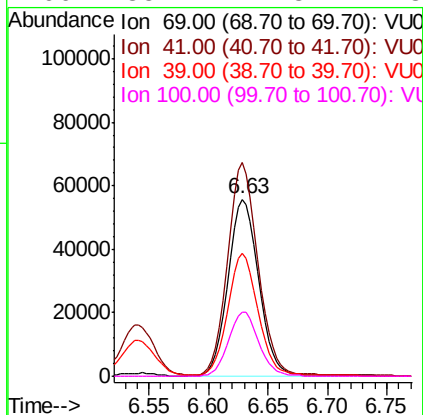
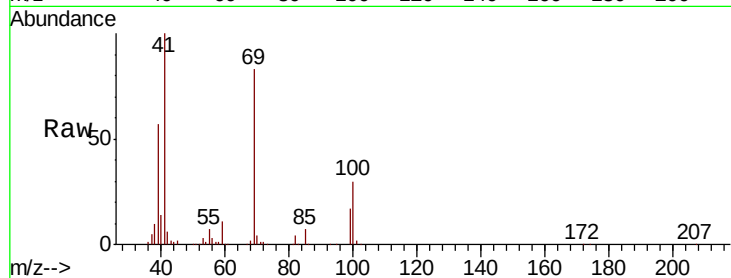
#47
Methvl methacrylate
Concen: 22.48 ug/l
RT: 6.63 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
69	100		
41	119.2	0.0	245.4
39	67.3	49.0	73.4
100	35.7	27.8	41.8

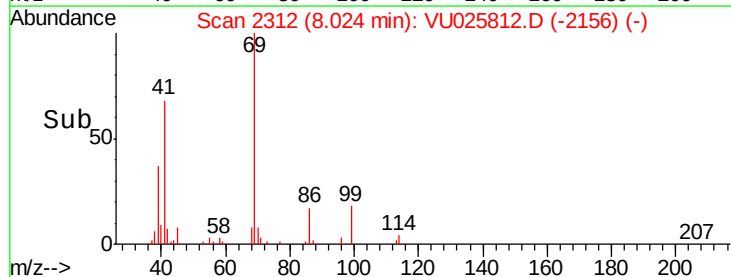
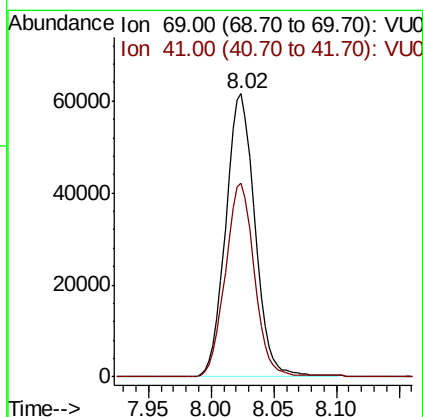
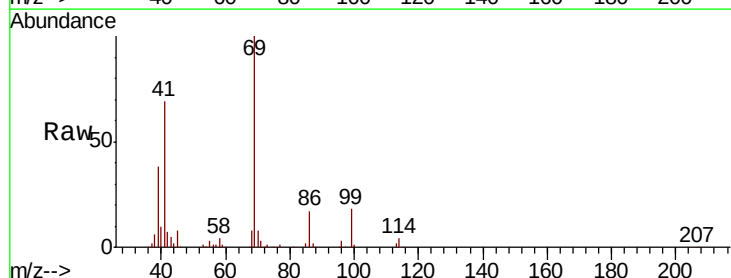
Manual Integrations
APPROVED

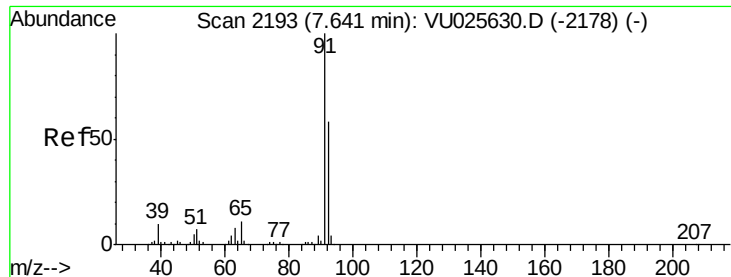
MMDadoda
8/6/2018 5:38:52 PM



#48
Ethyl methacrylate
Concen: 11.17 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.7	34.2	102.5





#49

Toluene

Concen: 11.85 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 92 Resp: 284209

Ion Ratio Lower Upper

92 100

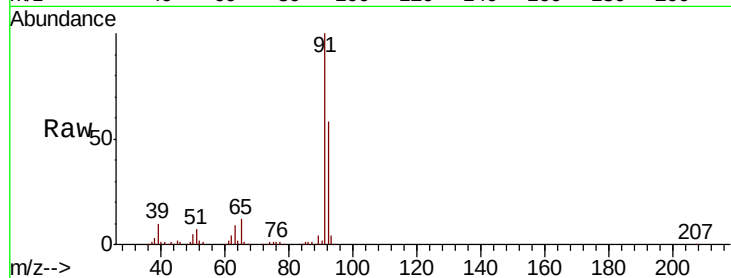
91 171.4 137.1 205.7

Manual Integrations

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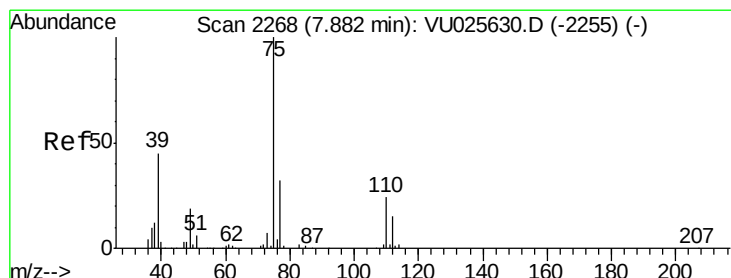
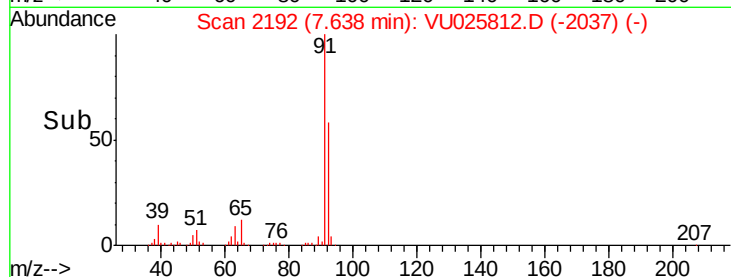
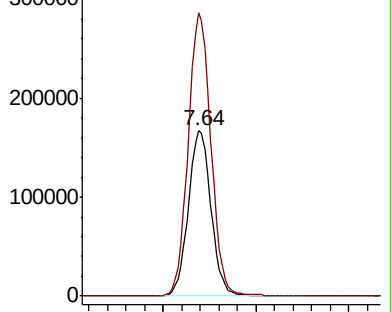
MMDadoda

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Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 11.66 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025812.D

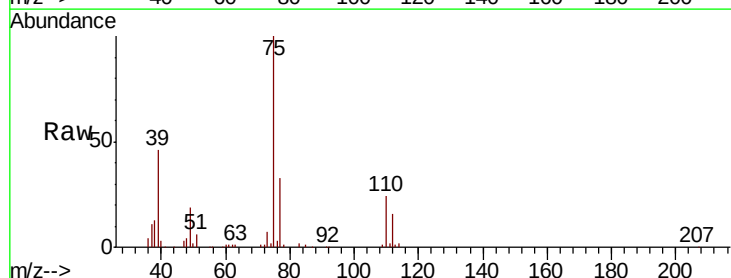
Acq: 03 Aug 2018 11:37

Tgt Ion: 75 Resp: 141873

Ion Ratio Lower Upper

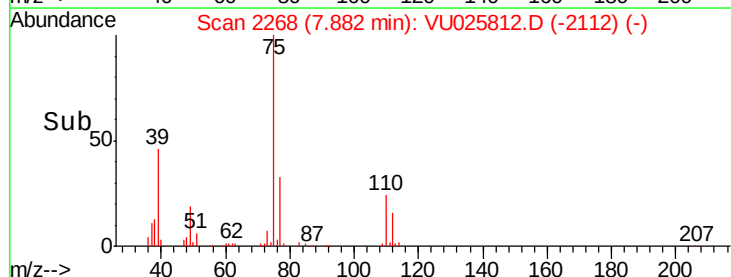
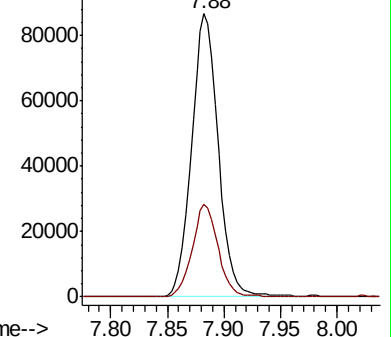
75 100

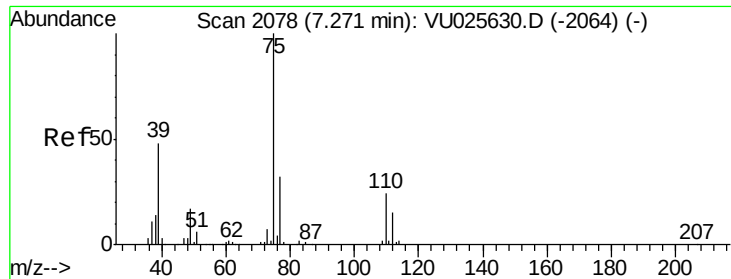
77 32.6 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#51

cis-1,3-Dichloropropene

Concen: 11.66 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

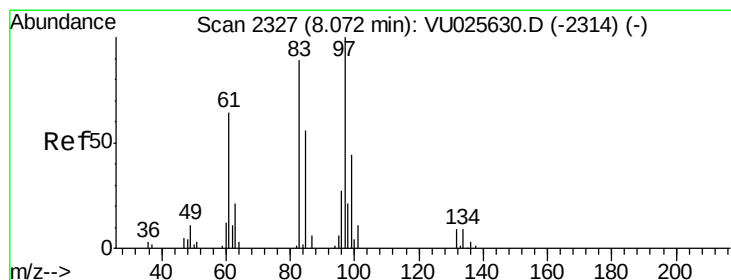
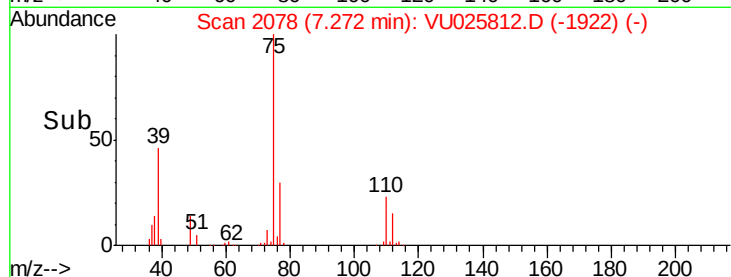
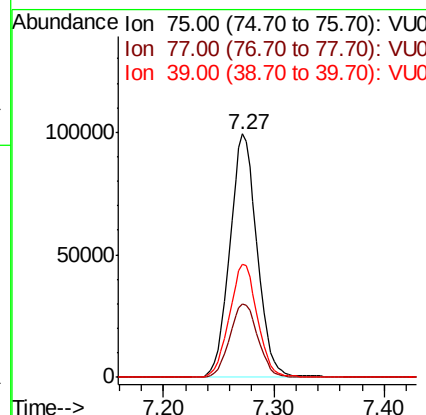
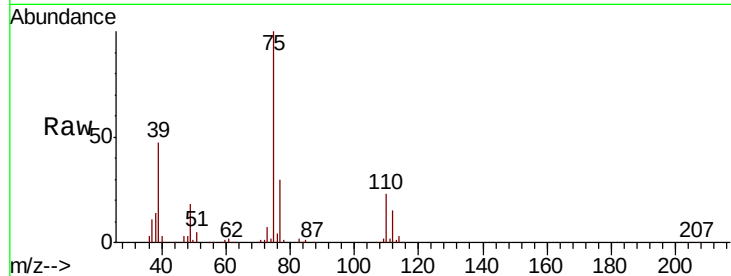
ClientSampleId :

VSTDCCC010

Tot Ion:	75	Resp:	169946
Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.2	37.8
39	46.6	36.4	54.6

Manual Integrations
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#52

1,1,2-Trichloroethane

Concen: 10.97 ug/l

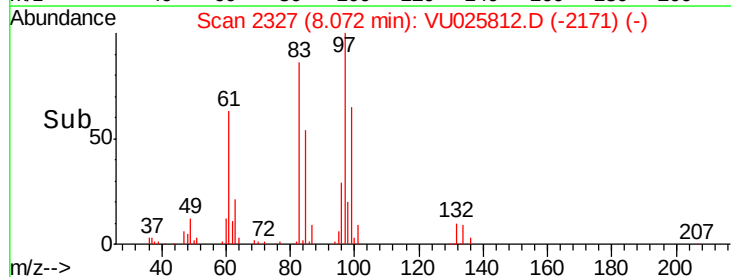
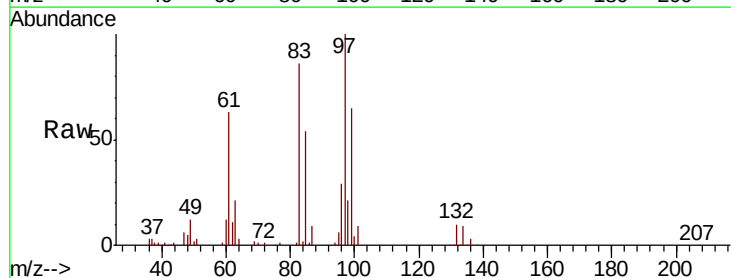
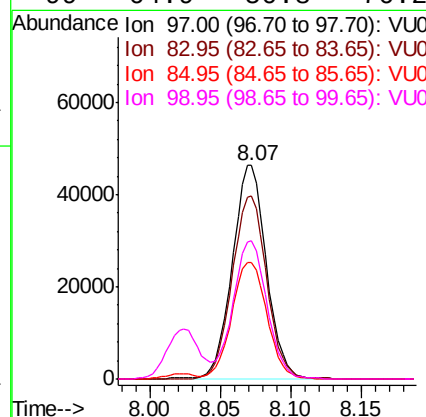
RT: 8.07 min Scan# 2327

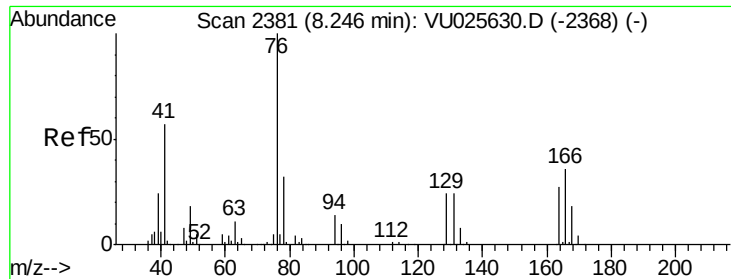
Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Tgt Ion:	97	Resp:	78192
Ion	Ratio	Lower	Upper
97	100		
83	86.0	72.6	109.0
85	54.3	47.2	70.8
99	64.9	50.8	76.2





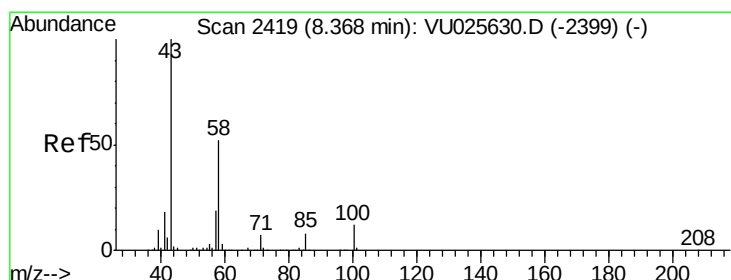
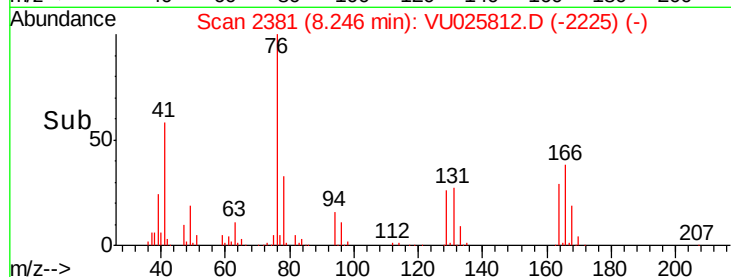
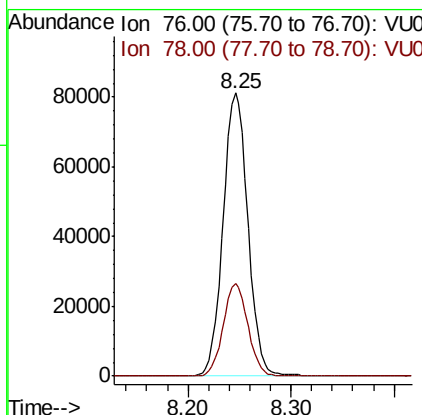
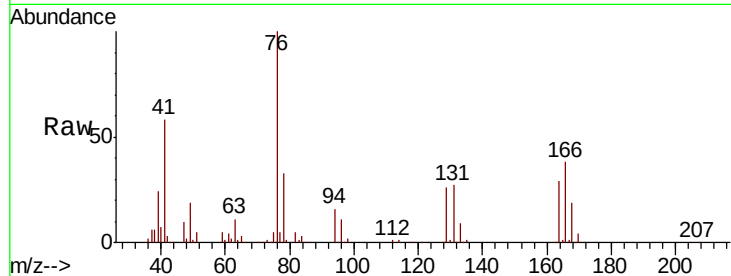
#53
 1,3-Dichloropropane
 Concen: 11.33 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.7	38.5

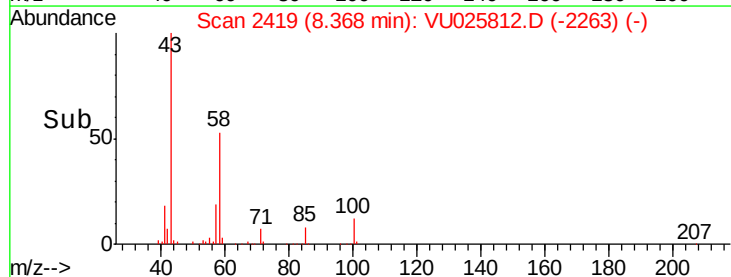
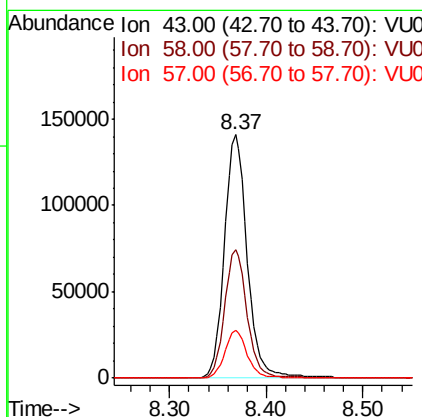
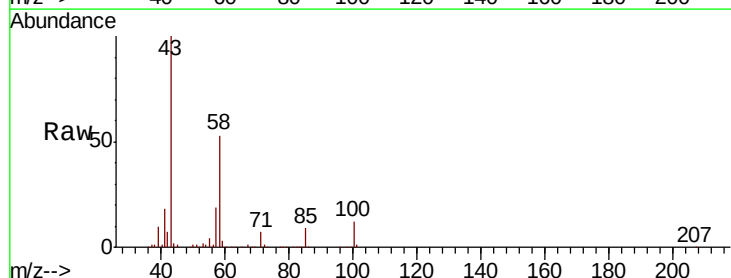
Manual Integrations
 APPROVED

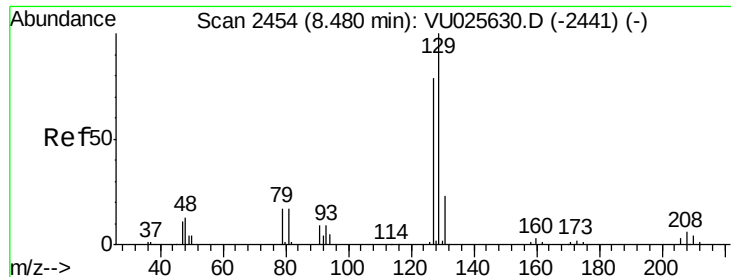
MMDadoda
 8/6/2018 5:38:52 PM



#54
 2-Hexanone
 Concen: 55.20 ug/l
 RT: 8.37 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.0	32.5	72.5
57	19.1	0.0	37.9





#55

Dibromochloromethane

Concen: 11.67 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:129 Resp: 105818

Ion Ratio Lower Upper

129 100

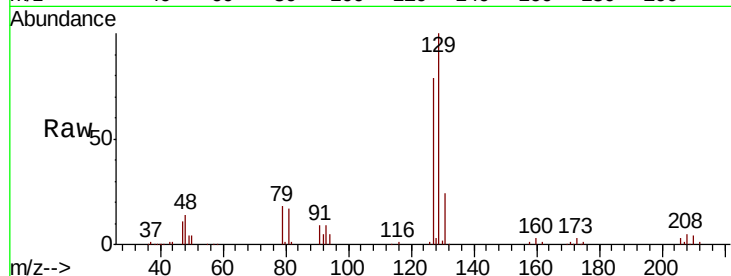
127 79.4 61.1 91.7

Manual Integrations

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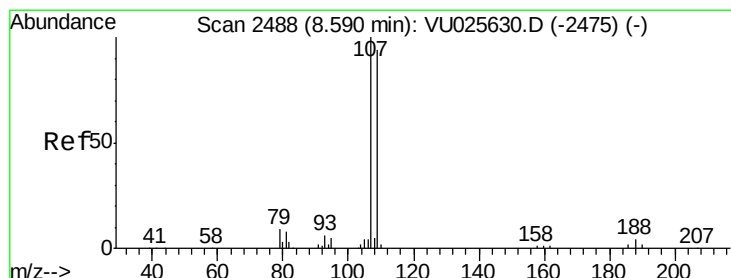
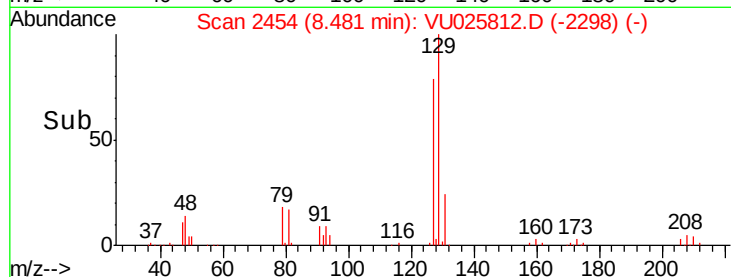
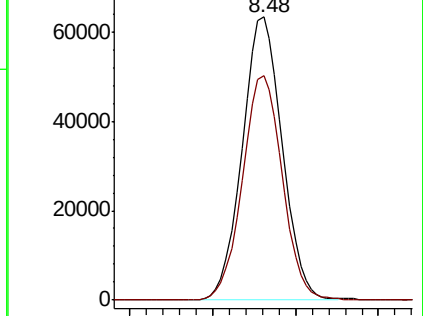
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 11.11 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025812.D

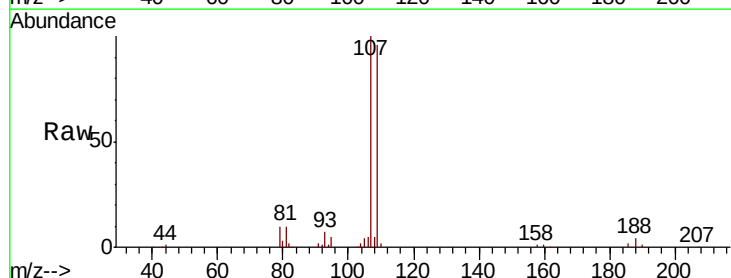
Acq: 03 Aug 2018 11:37

Tgt Ion:107 Resp: 76638

Ion Ratio Lower Upper

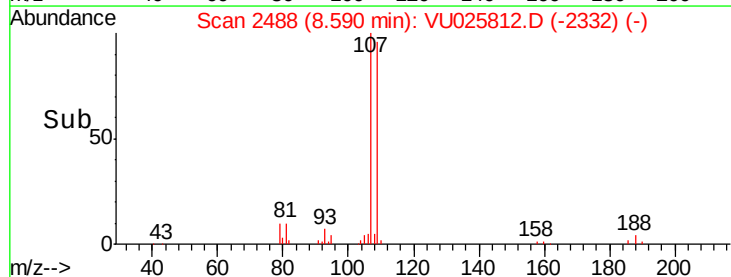
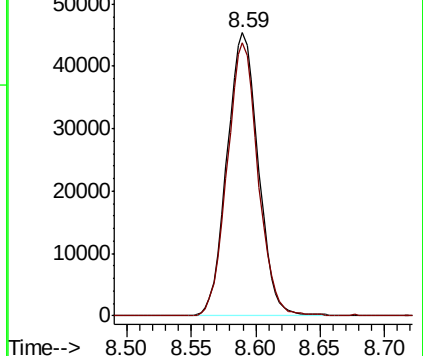
107 100

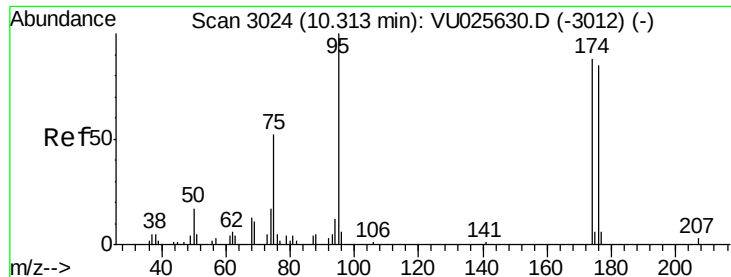
109 95.0 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 11.11 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

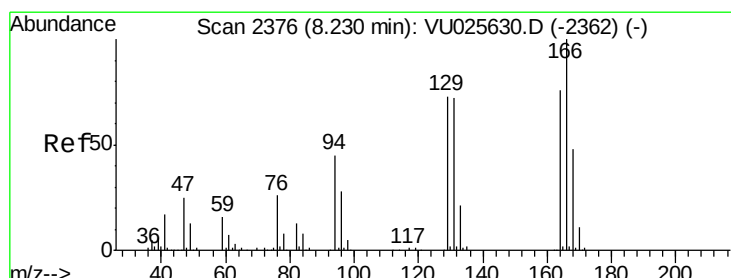
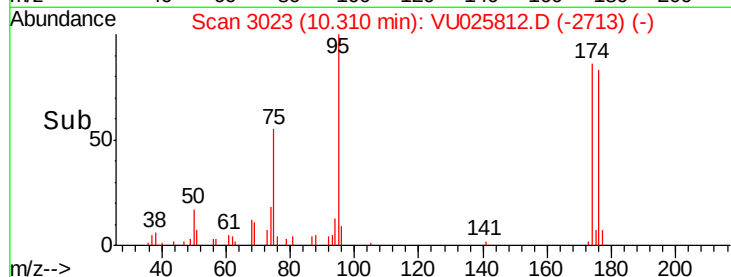
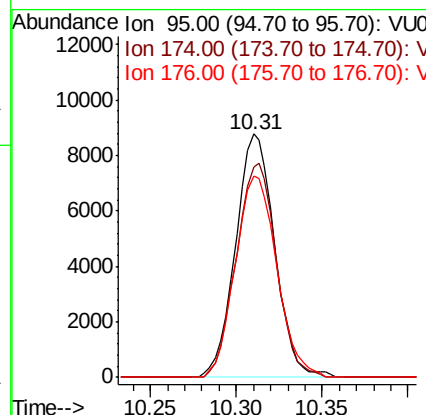
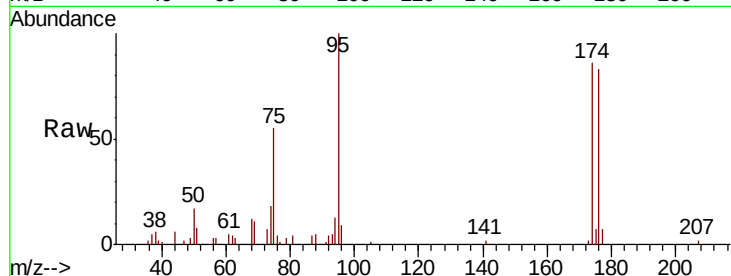
ClientSampleId :

VSTDCCC010

Tot Ion:	95	Resp:	13843
Ion Ratio	Lower	Upper	
95	100		
174	90.1	65.6	98.4
176	87.7	62.0	93.0

Manual Integrations
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#58

Tetrachloroethene

Concen: 12.14 ug/l

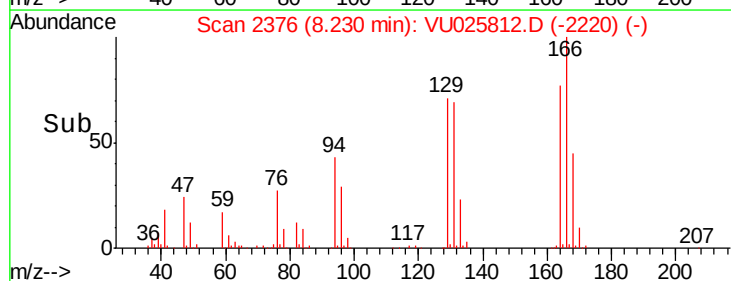
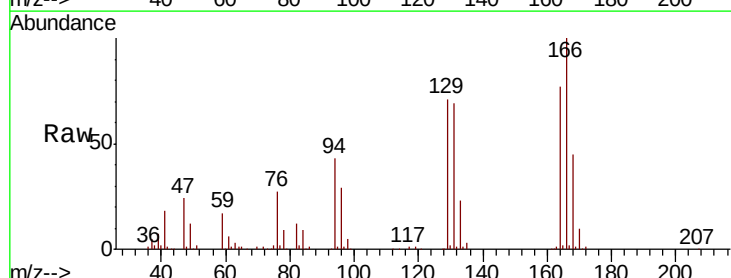
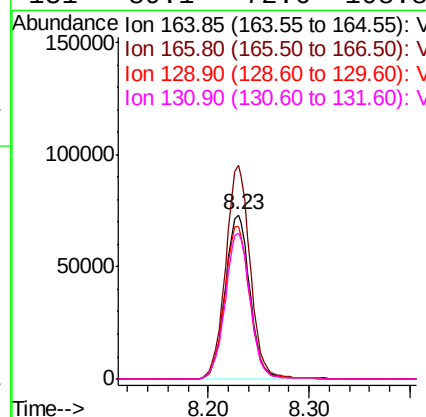
RT: 8.23 min Scan# 2376

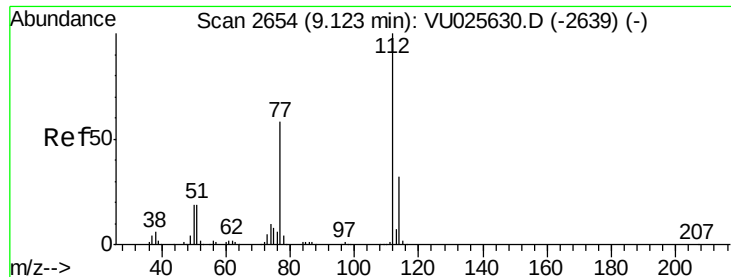
Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Tgt Ion:	164	Resp:	126205
Ion Ratio	Lower	Upper	
164	100		
166	130.0	104.1	156.1
129	92.9	76.8	115.2
131	89.1	72.6	108.8





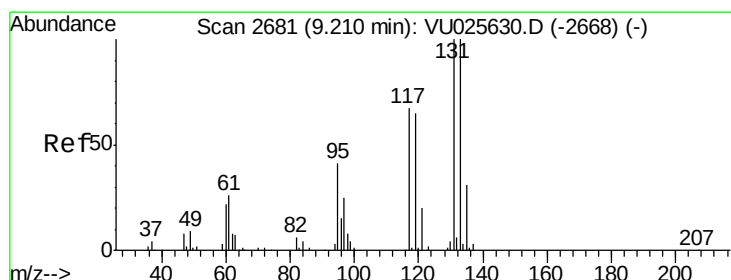
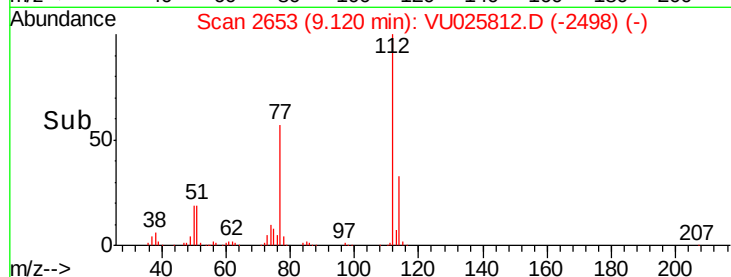
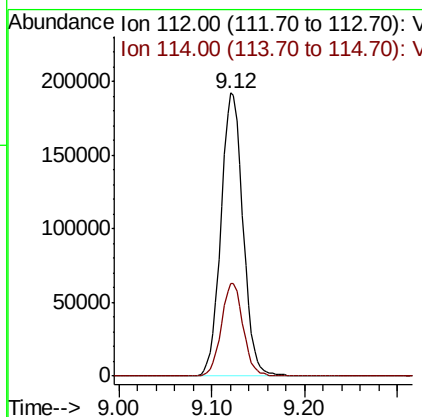
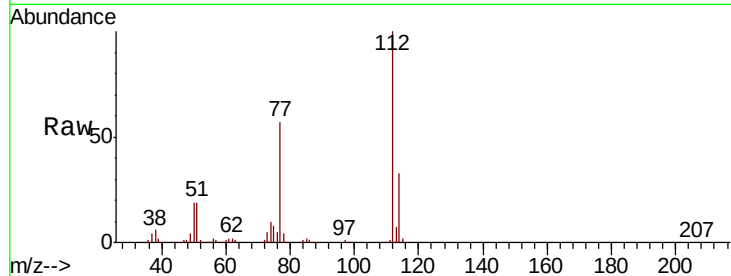
#59
Chlorobenzene
Concen: 11.54 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
112	100	318438		
114	32.8	25.4	38.2	

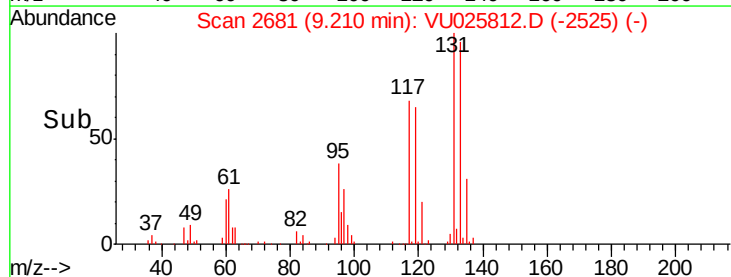
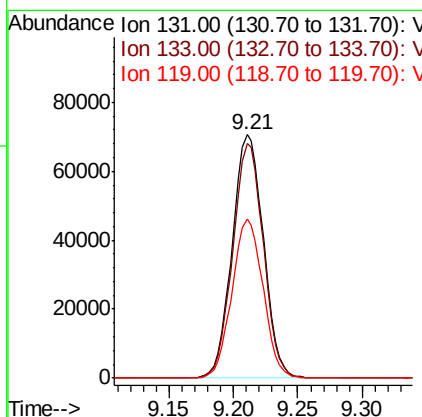
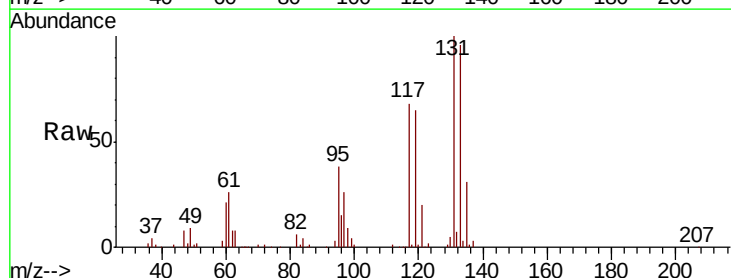
Manual Integrations
APPROVED

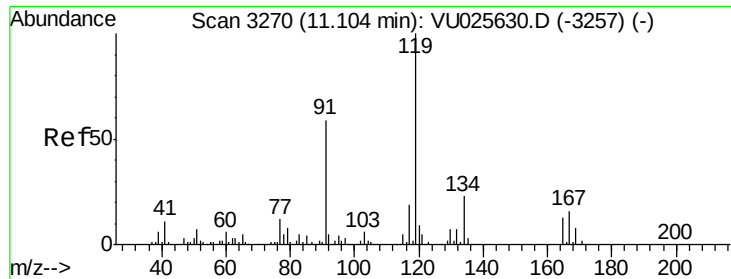
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 11.57 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	118547		
133	94.7	75.8	113.8	
119	64.9	53.0	79.6	





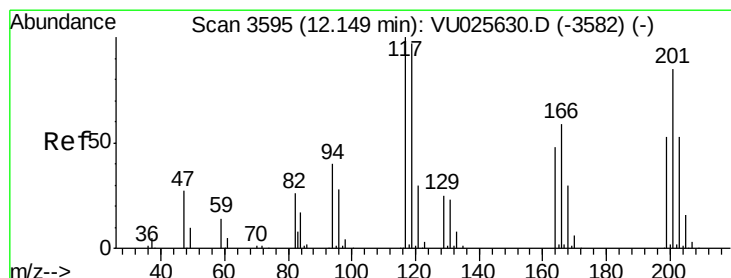
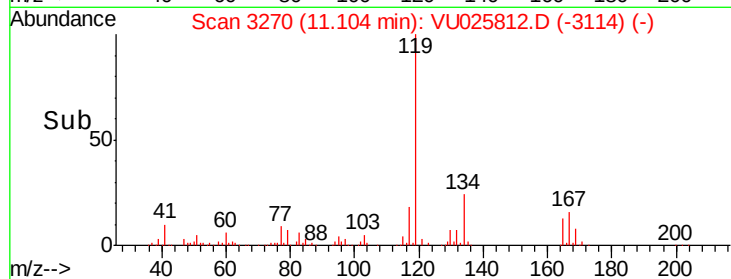
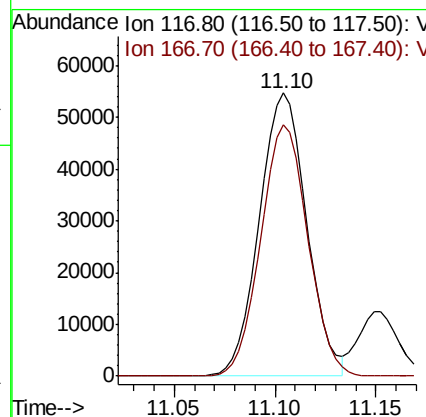
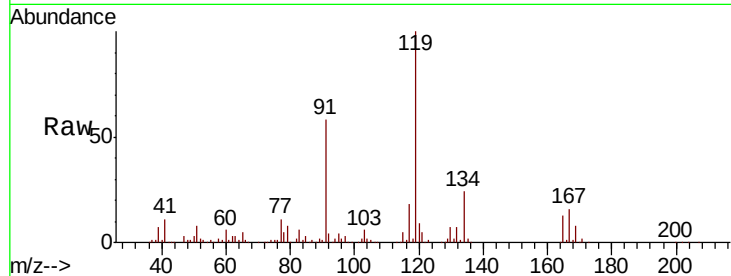
#61
 Pentachloroethane
 Concen: 11.46 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
117	100		
167	88.2	69.2	103.8

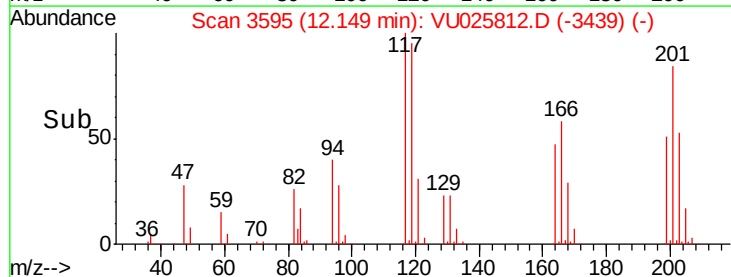
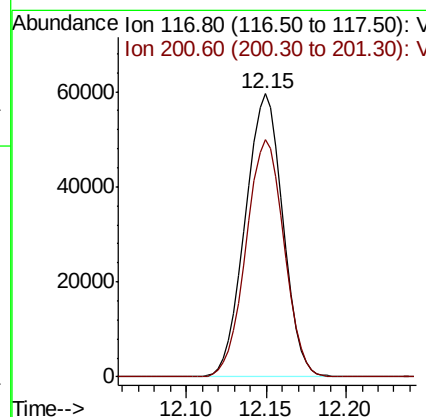
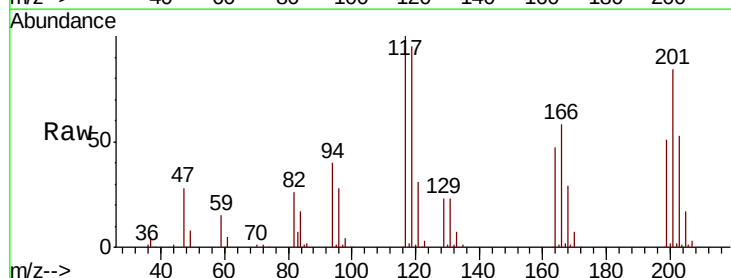
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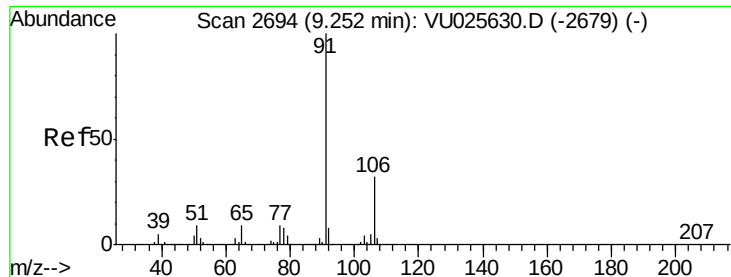
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#62
 Hexachloroethane
 Concen: 11.94 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	68.7	103.1





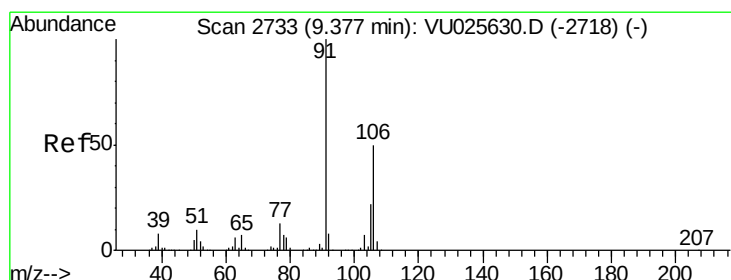
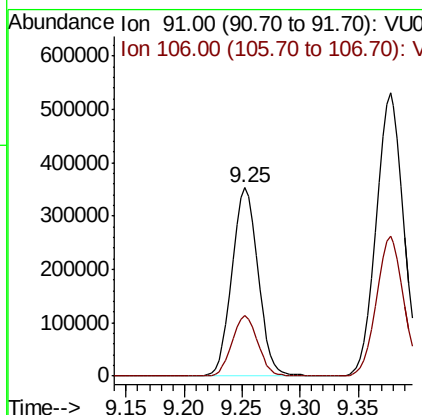
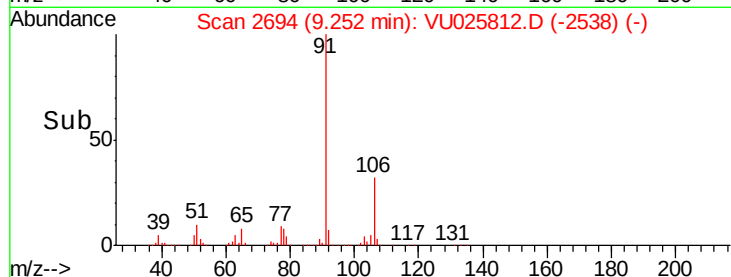
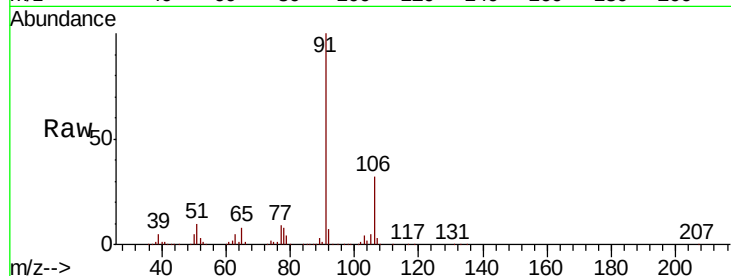
#63
Ethyl Benzene
Concen: 12.00 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 550682
Ion Ratio Lower Upper
91 100
106 31.9 24.7 37.1

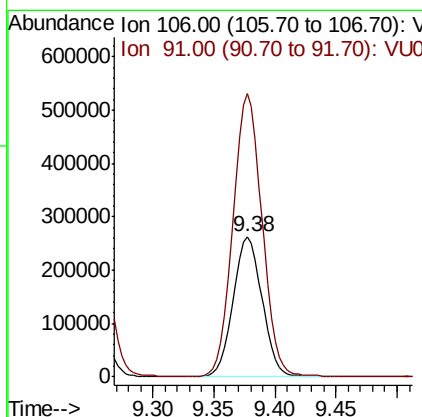
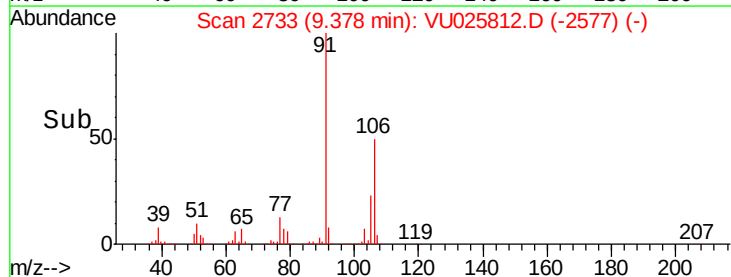
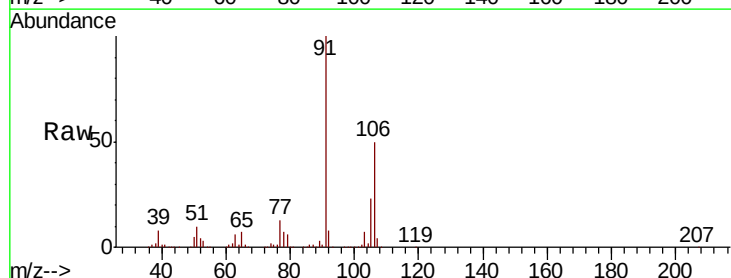
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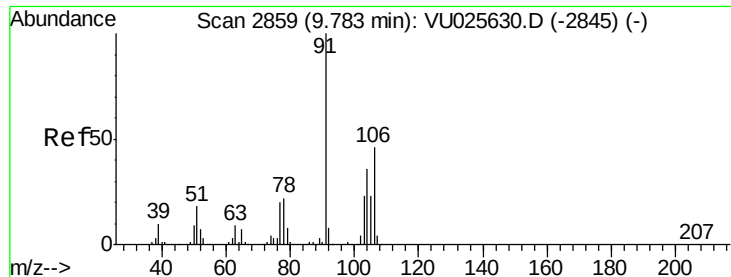
MMDadoda
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#64
m/p-Xylenes
Concen: 24.11 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion: 106 Resp: 434927
Ion Ratio Lower Upper
106 100
91 202.7 164.1 246.1





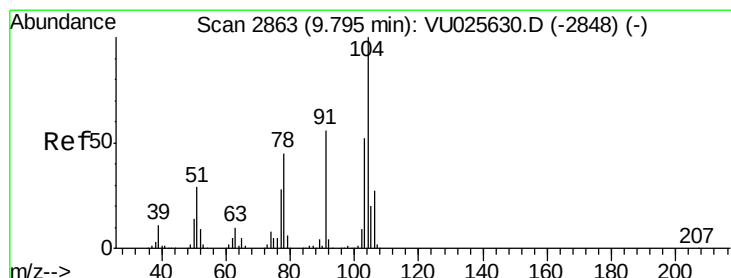
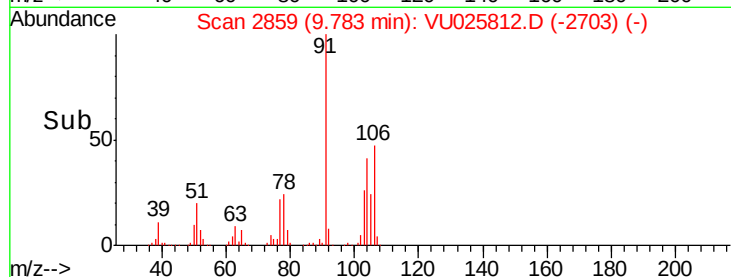
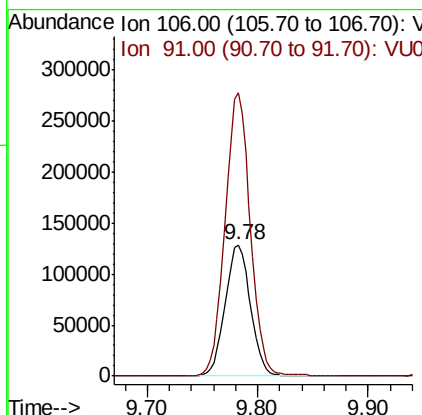
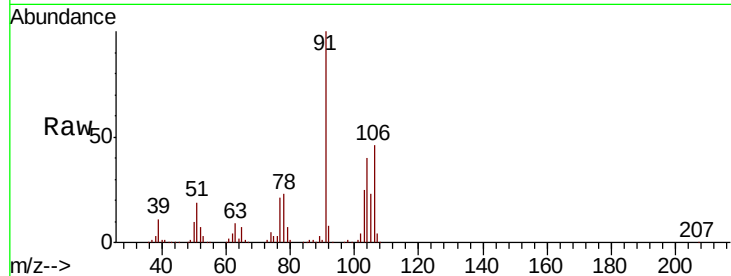
#65
o-Xylene
Concen: 11.96 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.8	107.9	323.7

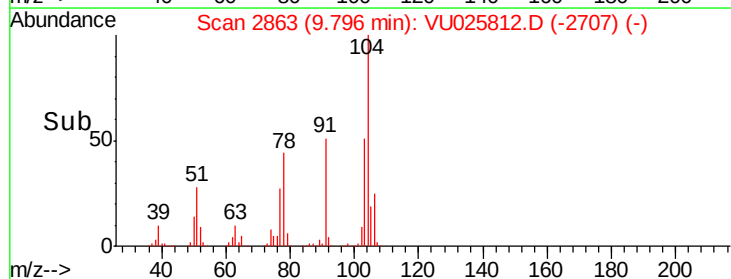
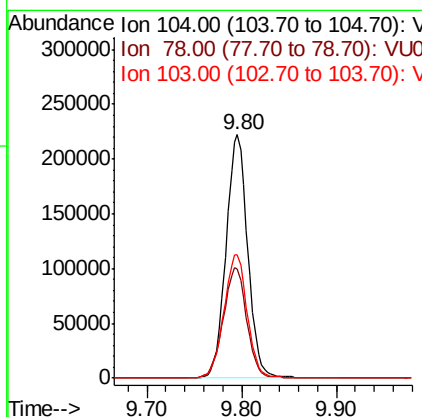
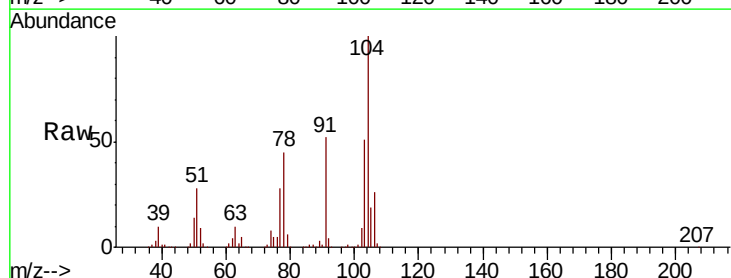
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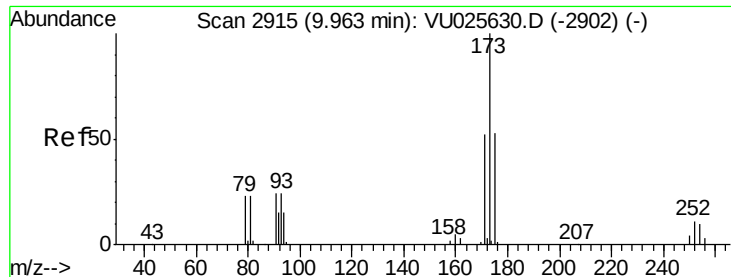
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#66
Styrene
Concen: 12.14 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	40.2	60.2
103	54.4	44.2	66.4





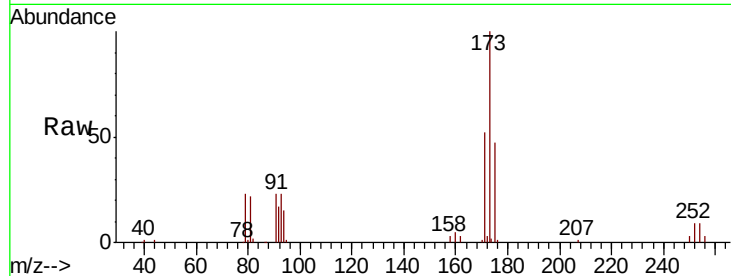
#67
Bromoform
Concen: 11.61 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	38.6	57.8
254	9.1	8.8	13.2

Manual Integrations
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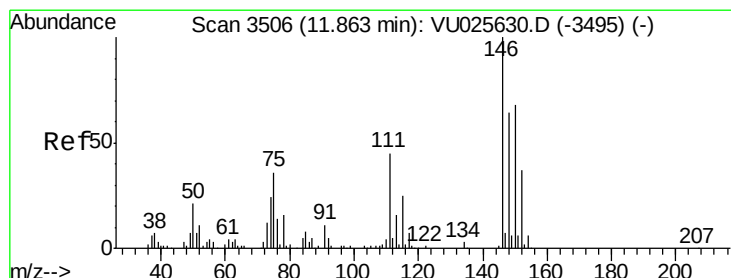
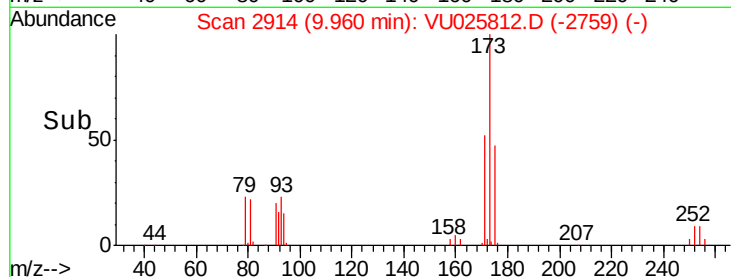
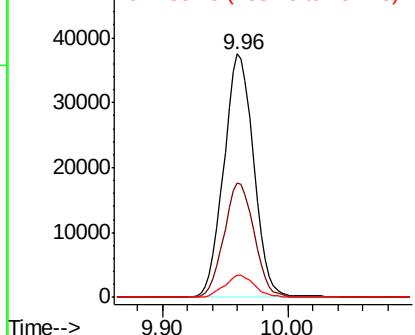


Abundance

Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68
1,2-Dichlorobenzene-d4
Concen: 11.61 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

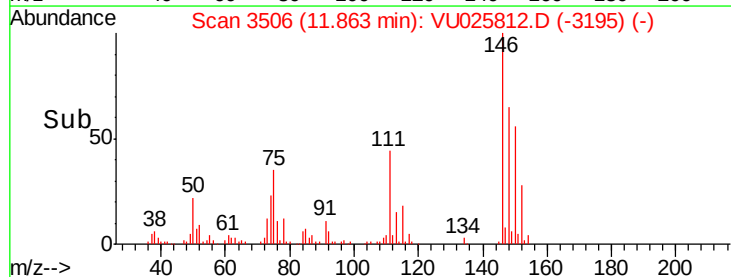
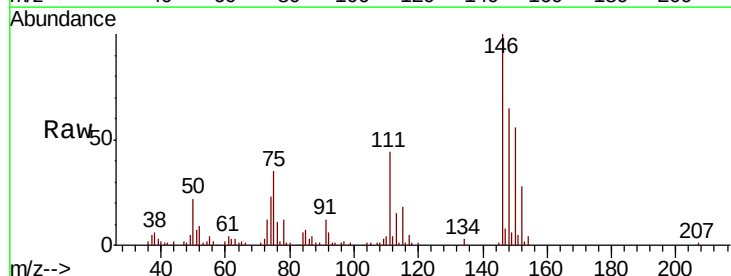
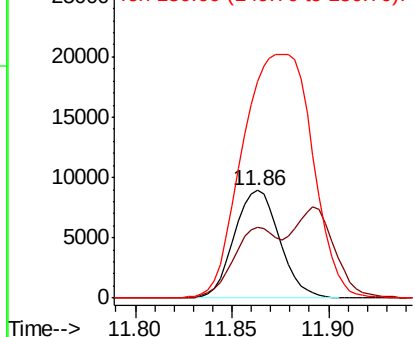
Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.3	0.0	118.8
150	348.6	0.0	0.0#

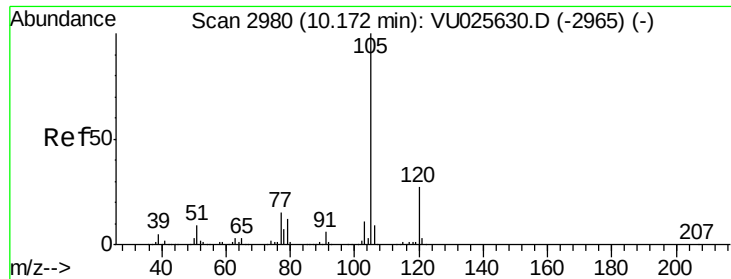
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 12.03 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 558783

Ion Ratio Lower Upper

105 100

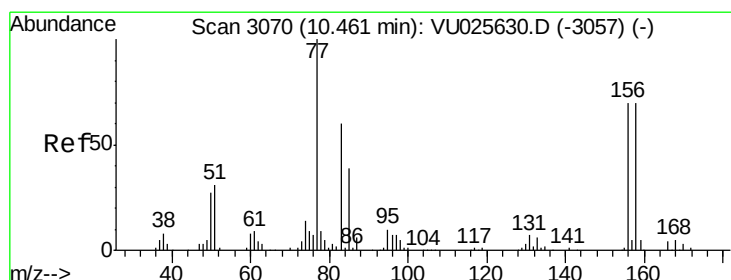
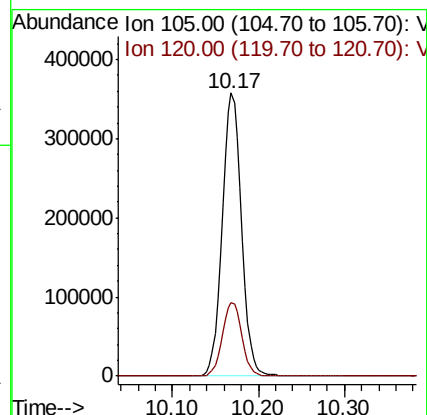
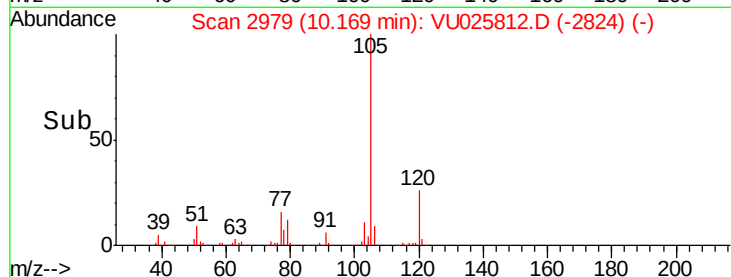
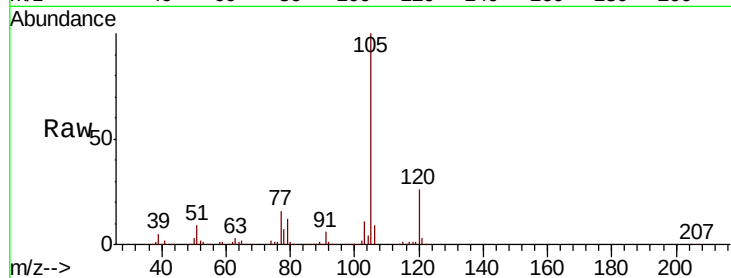
120 26.4 13.1 39.3

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 10.76 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

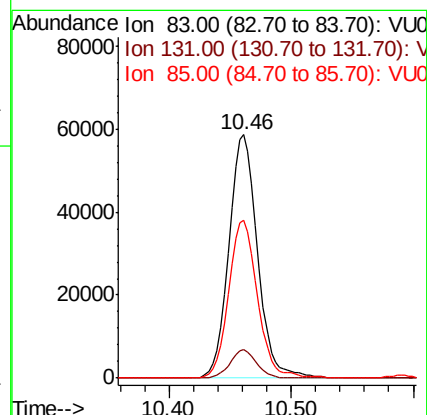
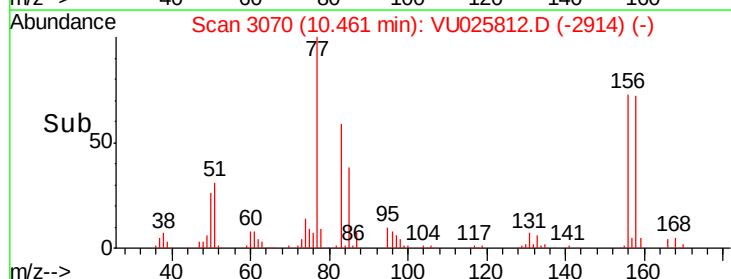
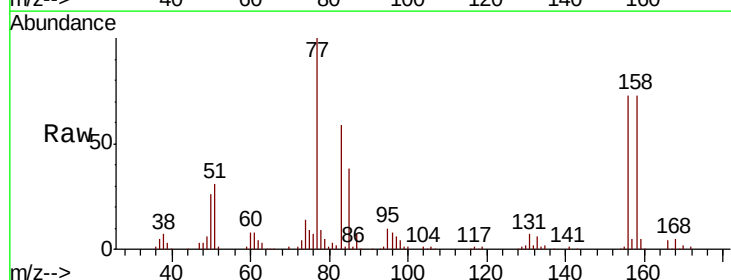
Tgt Ion: 83 Resp: 96415

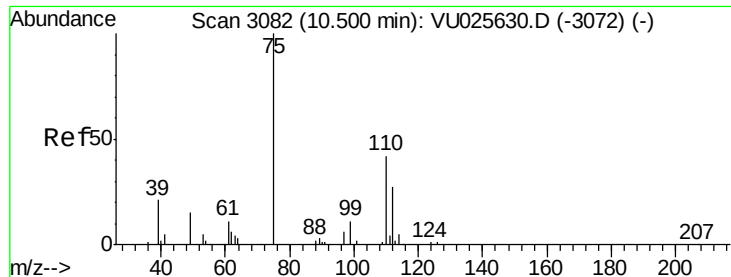
Ion Ratio Lower Upper

83 100

131 10.8 7.9 11.9

85 65.4 51.8 77.6





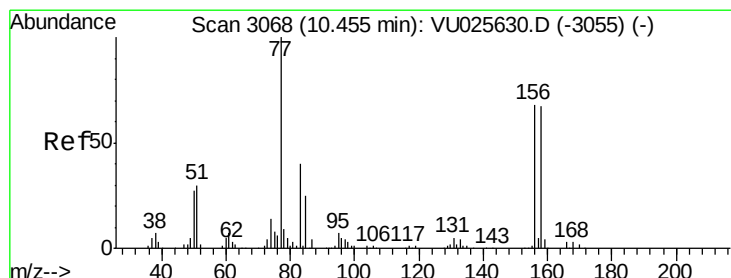
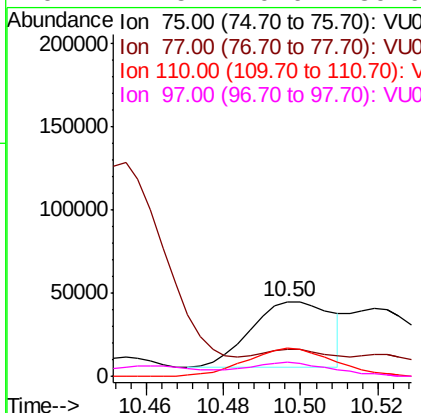
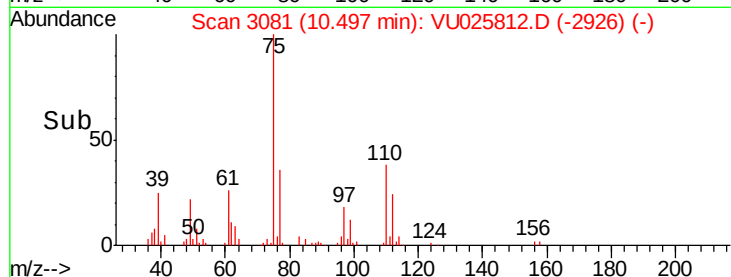
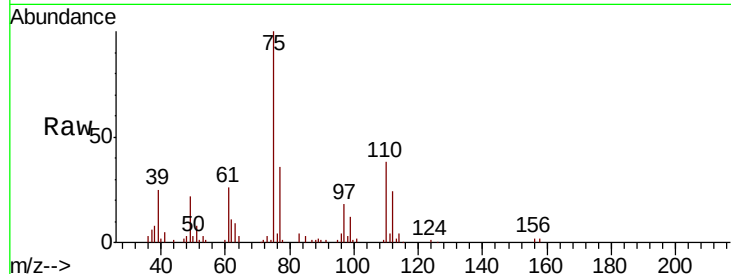
#71
 1,2,3-Trichloropropane
 Concen: 8.31 ug/l
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
75	75	100	58048		
77	77	0.0	0.0	0.0	0.0
110	110	45.7	0.0	0.0	74.0
97	97	22.5	0.0	0.0	39.6

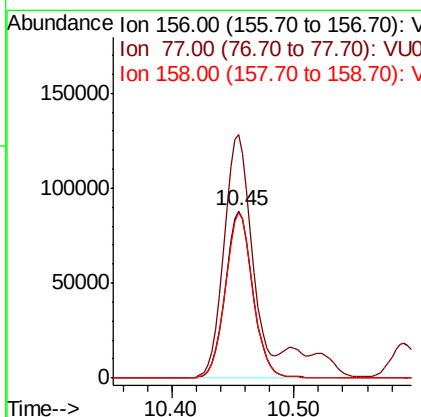
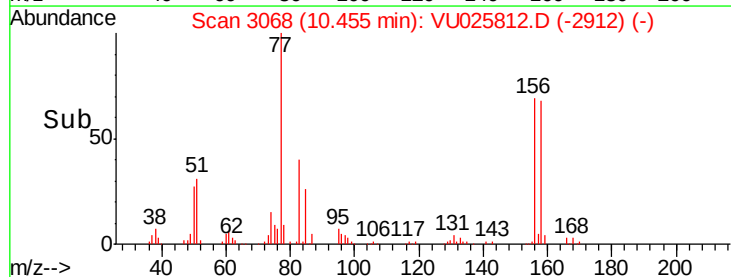
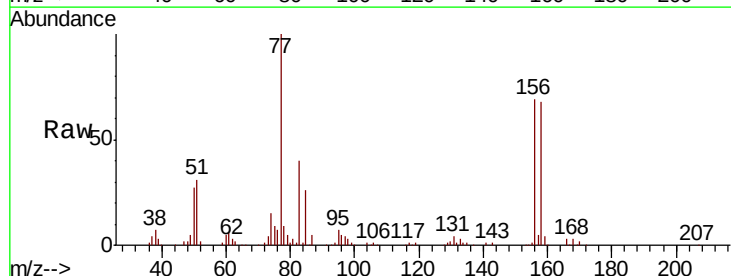
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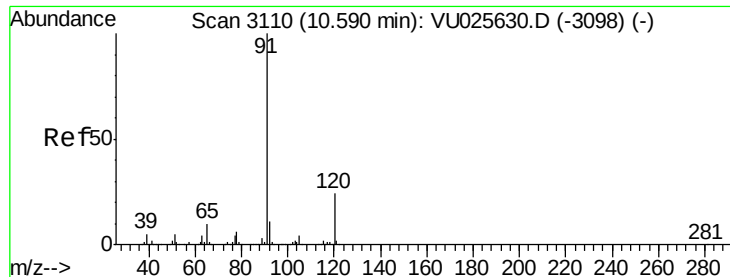
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#72
 Bromobenzene
 Concen: 11.53 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
156	156	100	139086		
77	77	148.1	0.0	0.0	309.8
158	158	99.3	0.0	0.0	193.0





#73

n-propylbenzene

Concen: 12.28 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:120 Resp: 160732

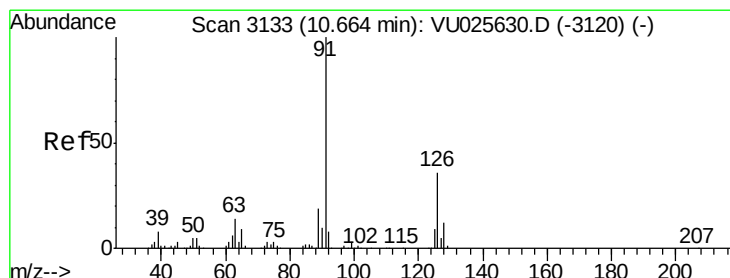
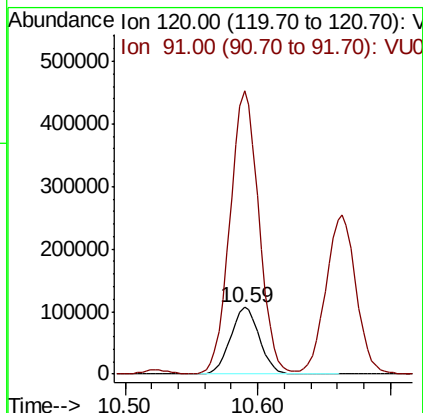
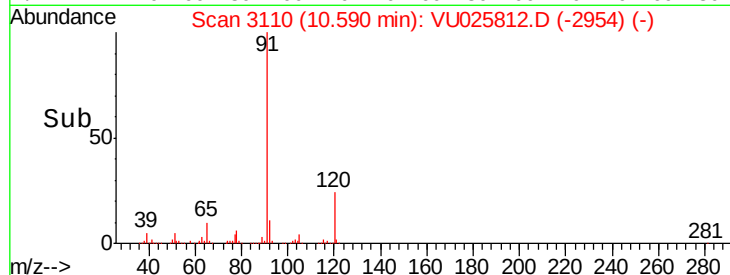
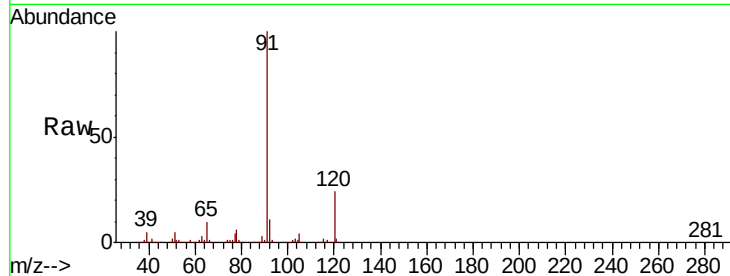
Ion Ratio Lower Upper

120 100

91 424.9 352.2 528.4

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#74

2-Chlorotoluene

Concen: 12.19 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025812.D

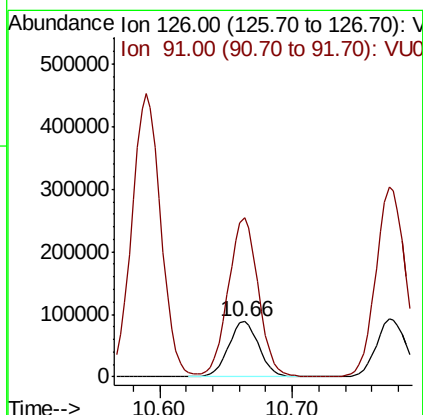
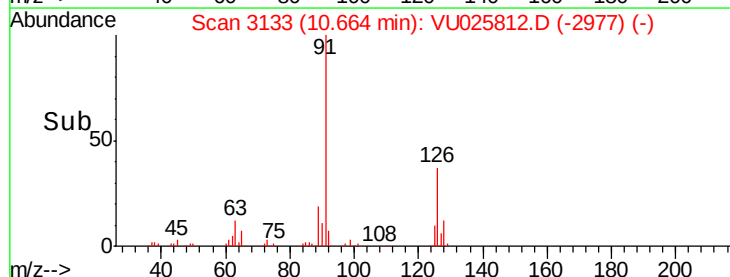
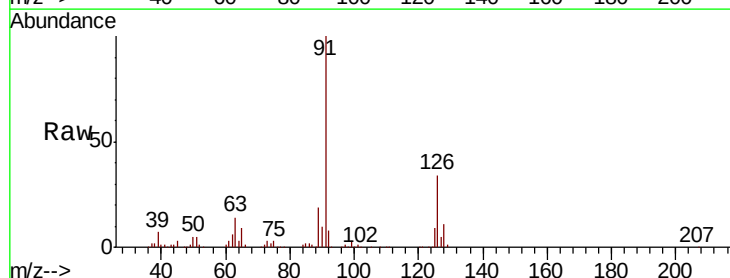
Acq: 03 Aug 2018 11:37

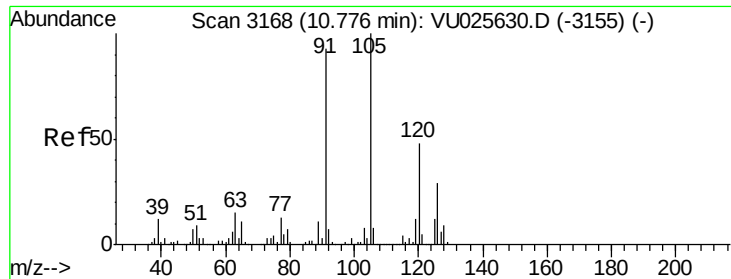
Tgt Ion:126 Resp: 140417

Ion Ratio Lower Upper

126 100

91 283.3 0.0 613.0





#75

1,3,5-Trimethylbenzene

Concen: 12.16 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 493195

Ion Ratio Lower Upper

105 100

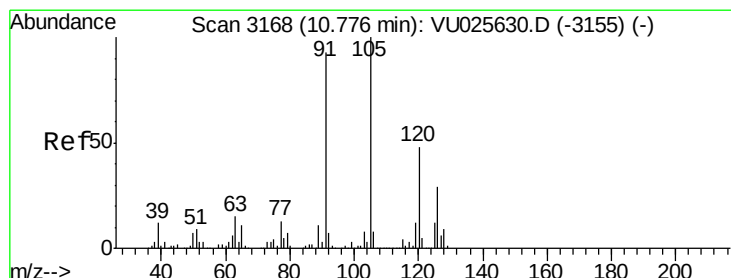
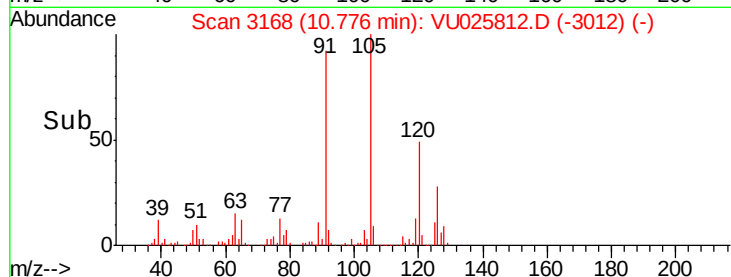
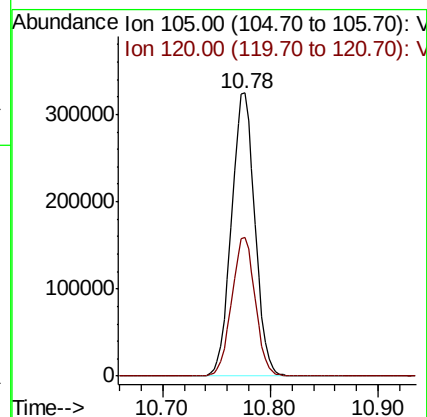
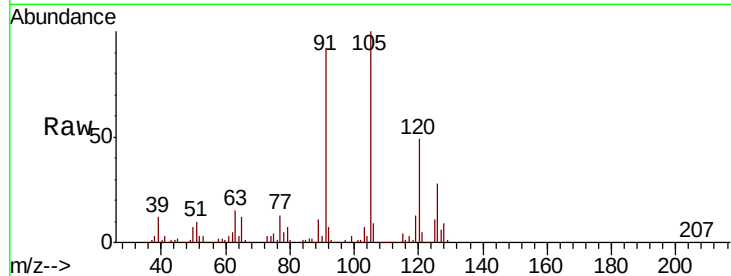
120 49.2 39.0 58.6

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#76

4-Chlorotoluene

Concen: 12.03 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VU025812.D

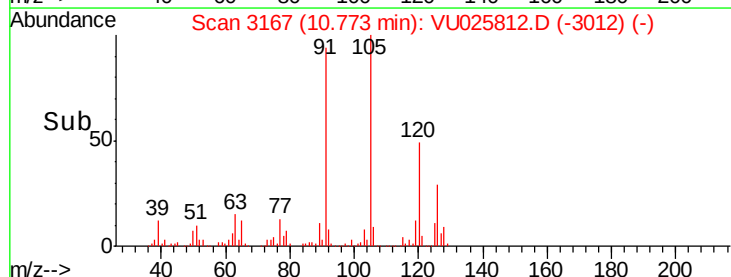
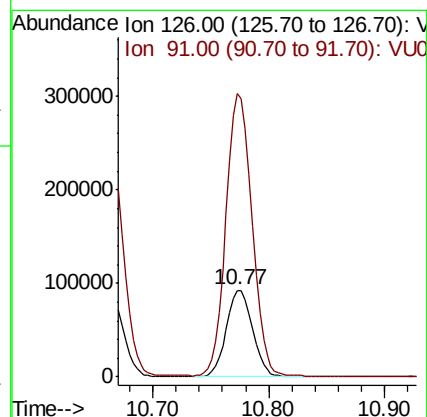
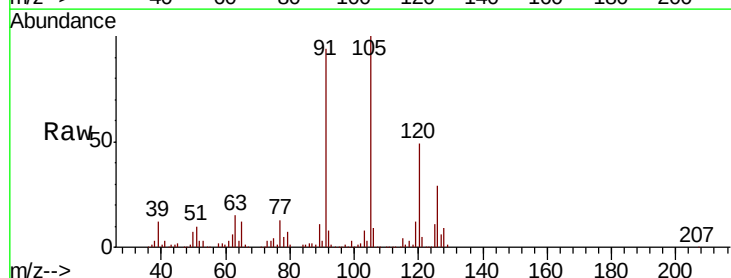
Acq: 03 Aug 2018 11:37

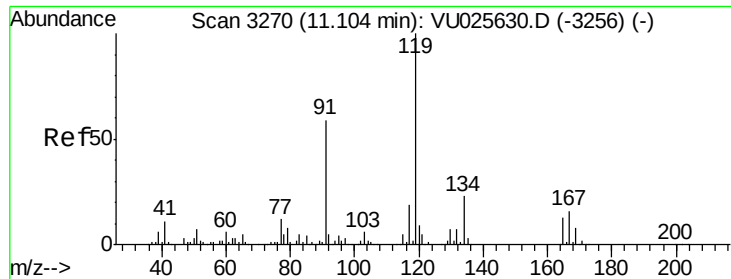
Tgt Ion:126 Resp: 145743

Ion Ratio Lower Upper

126 100

91 326.5 0.0 667.2





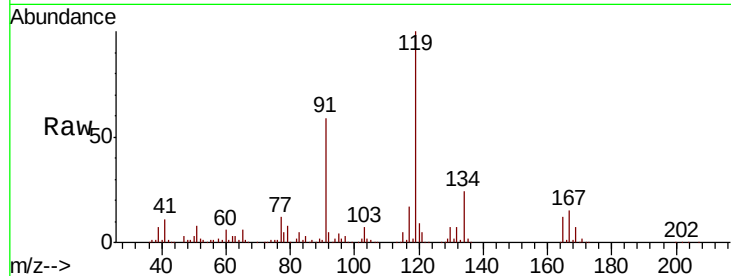
#77
 tert-Butylbenzene
 Concen: 11.83 ug/l
 RT: 11.10 min Scan# 3269
 Delta R.T. -0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

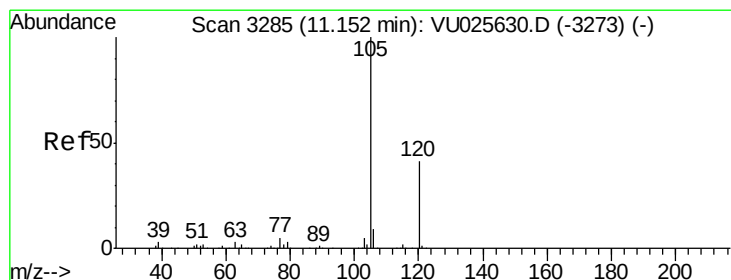
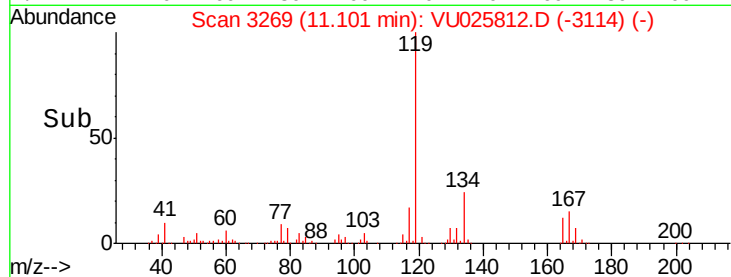
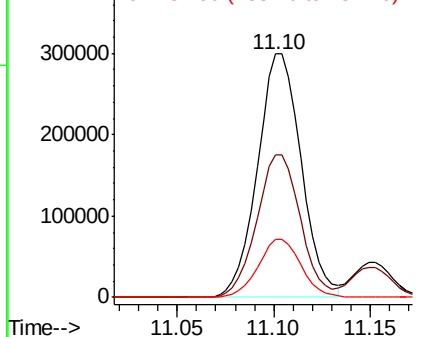
Tot Ion:	119	Resp:	473152
Ion Ratio	Lower	Upper	
119	100		
91	58.1	29.6	88.8
134	23.4	19.1	28.7

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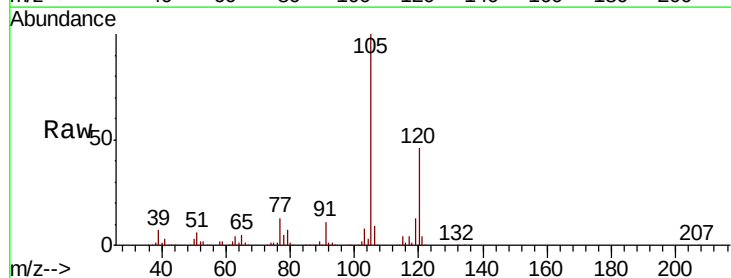


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

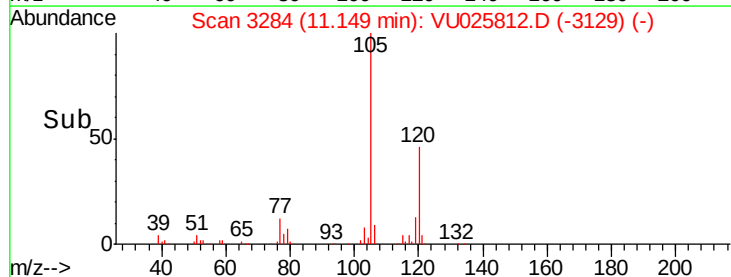
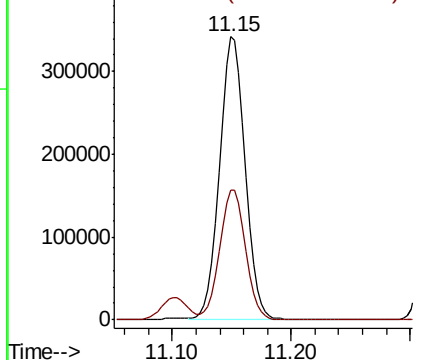


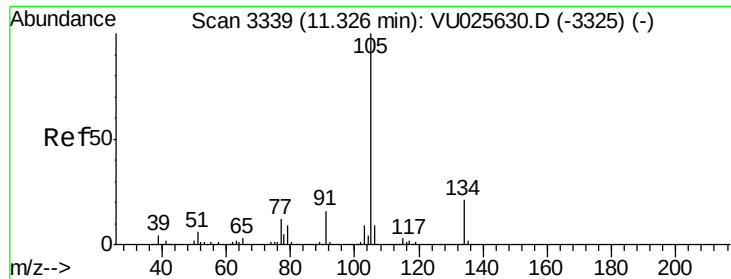
#78
 1,2,4-Trimethylbenzene
 Concen: 12.28 ug/l
 RT: 11.15 min Scan# 3284
 Delta R.T. -0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Tgt Ion:	105	Resp:	508432
Ion Ratio	Lower	Upper	
105	100		
120	46.4	23.1	69.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 12.07 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 105 Resp: 634527

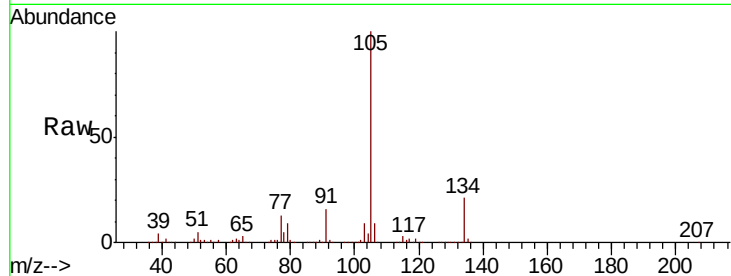
Ion Ratio Lower Upper

105 100

134 20.7 15.6 23.4

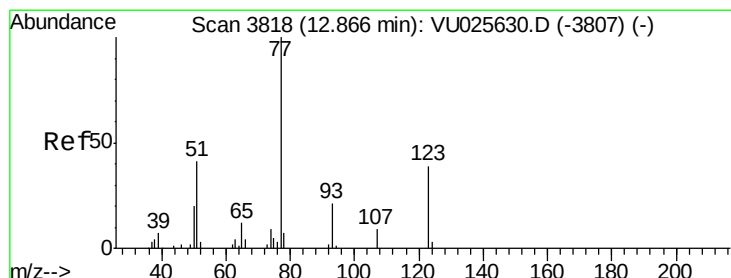
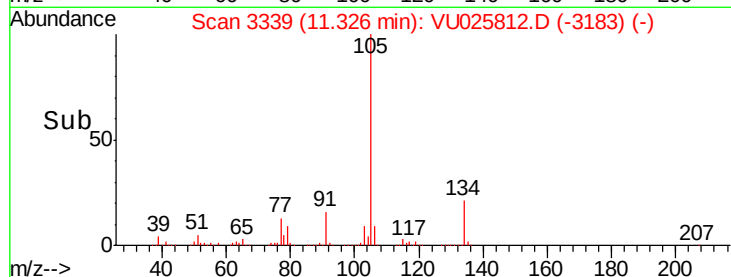
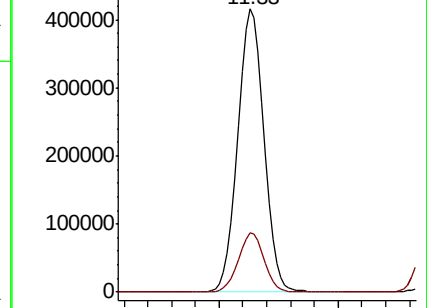
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 63.51 ug/l

RT: 12.87 min Scan# 3818

Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

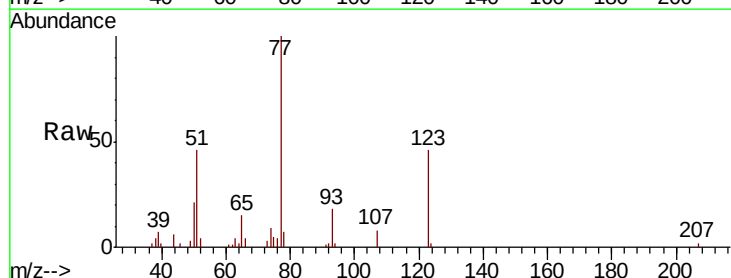
Tgt Ion: 77 Resp: 17318

Ion Ratio Lower Upper

77 100

123 46.4 19.4 68.6

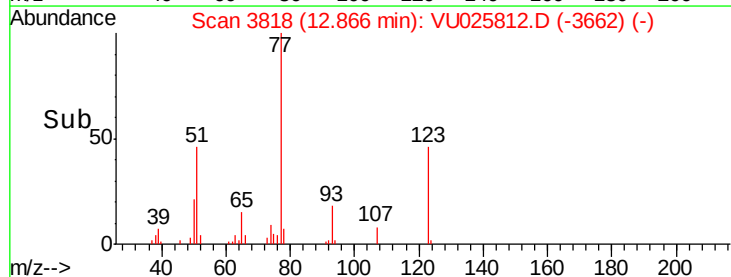
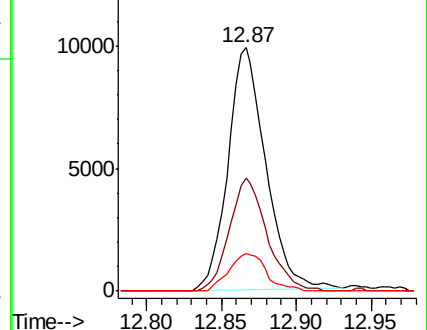
65 15.3 11.2 14.2#

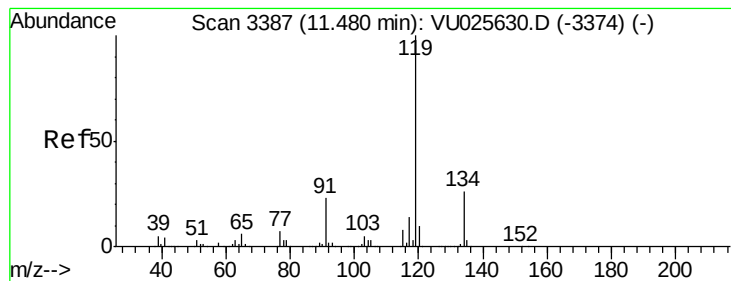


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 12.36 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Instrument :

MSVOA_U

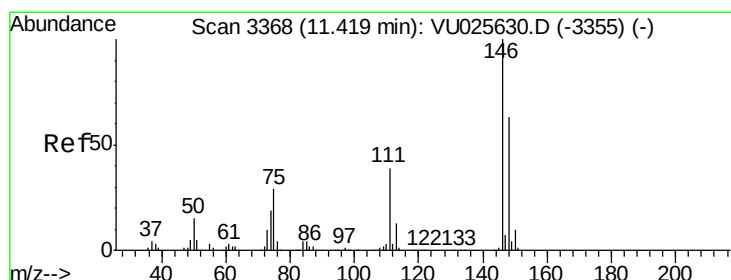
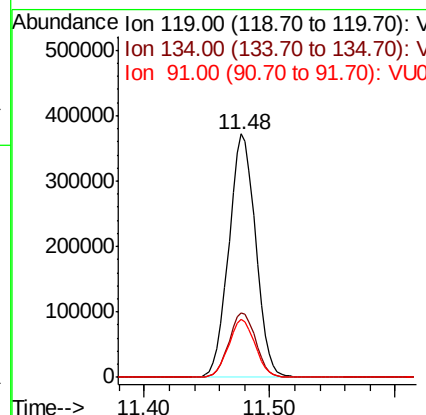
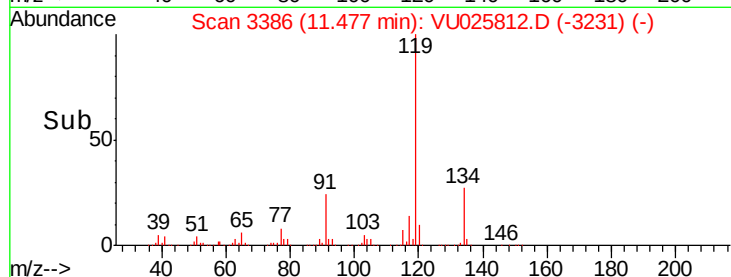
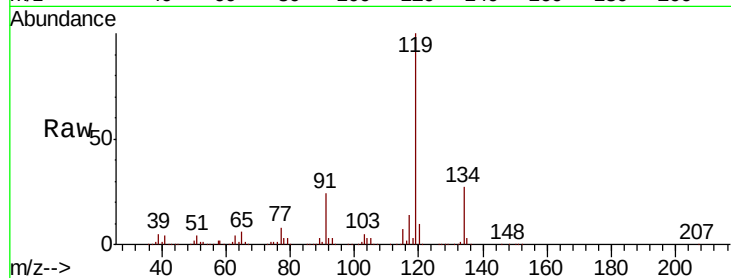
ClientSampleId :

VSTDCCC010

Tot Ion:	119	Resp:	550605
Ion Ratio	Lower	Upper	
119	100		
134	26.7	20.9	31.3
91	23.8	18.2	27.2

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#82

1,3-Dichlorobenzene

Concen: 11.79 ug/l

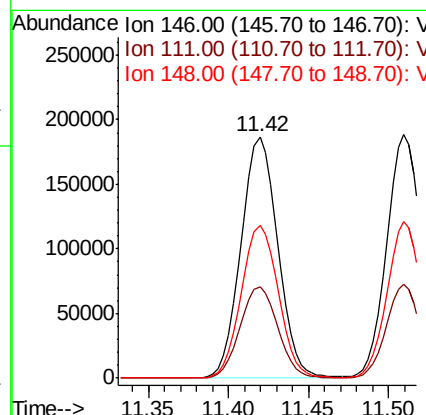
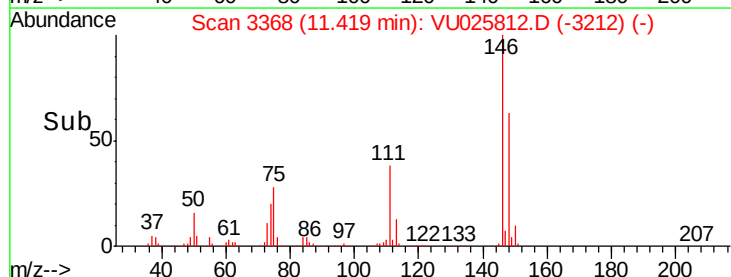
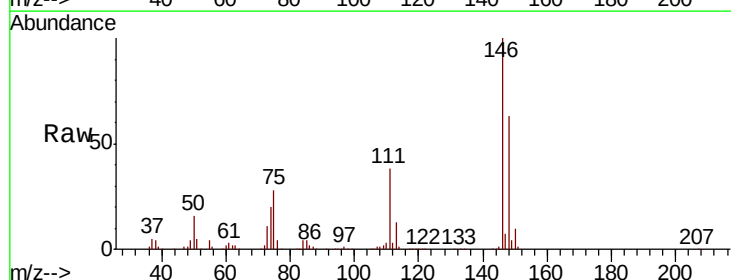
RT: 11.42 min Scan# 3368

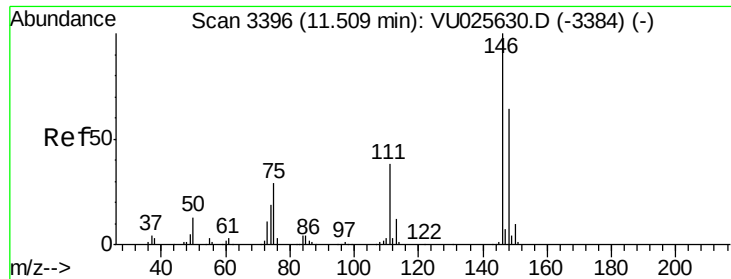
Delta R.T. 0.00 min

Lab File: VU025812.D

Acq: 03 Aug 2018 11:37

Tgt Ion:	146	Resp:	292353
Ion Ratio	Lower	Upper	
146	100		
111	38.8	31.8	47.6
148	63.9	51.0	76.4





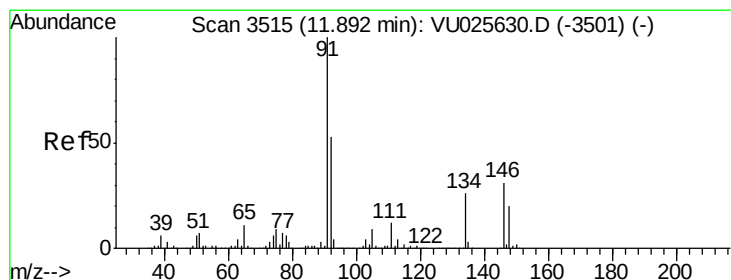
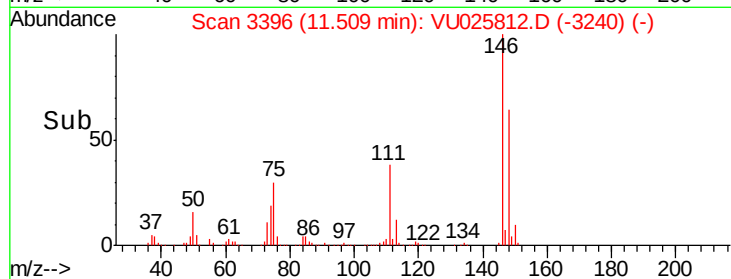
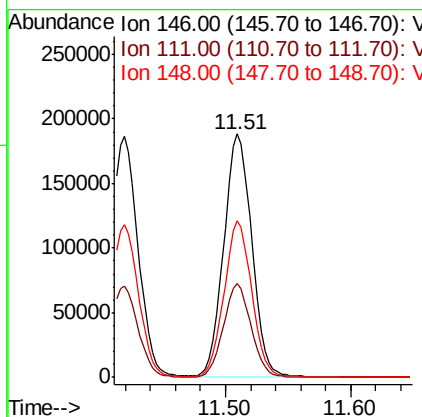
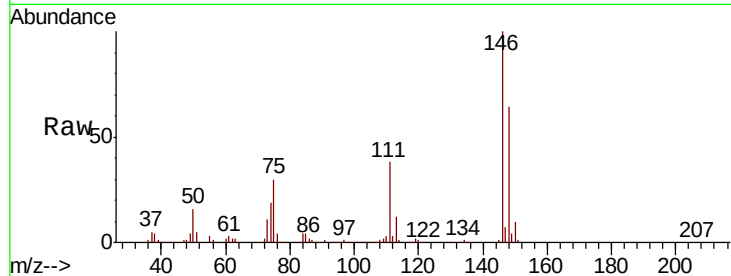
#83
 1,4-Dichlorobenzene
 Concen: 12.10 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
146	100	292605		
111	37.7		30.1	45.1
148	63.4		50.6	76.0

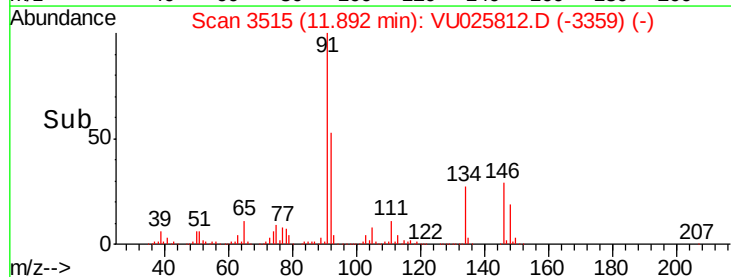
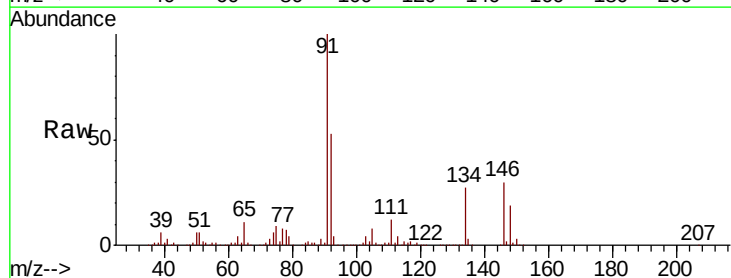
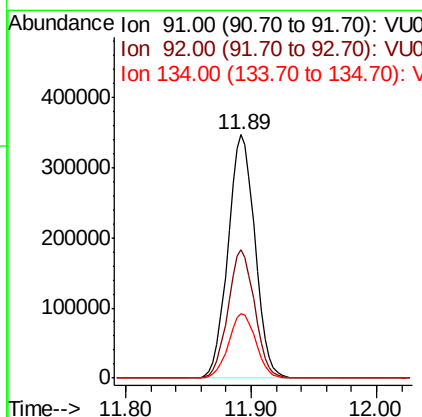
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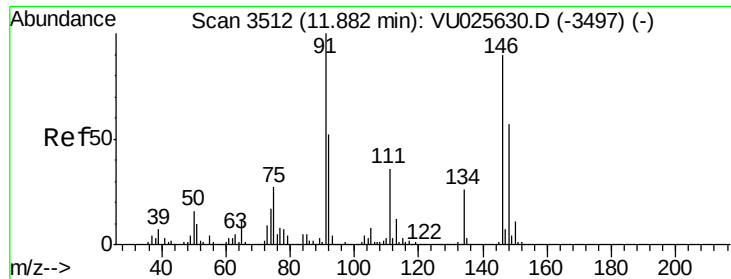
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#84
 n-Butylbenzene
 Concen: 12.40 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	518353		
92	52.2		42.2	63.2
134	26.8		20.3	30.5





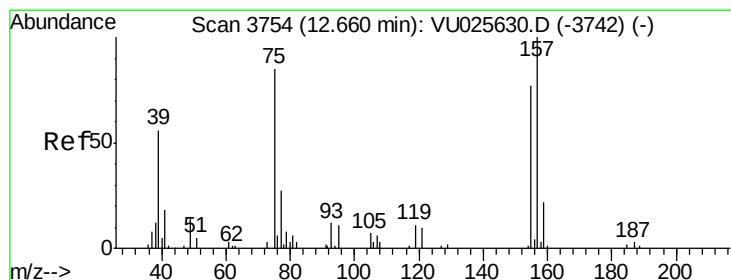
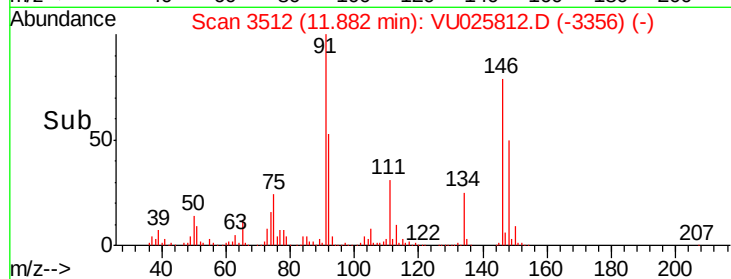
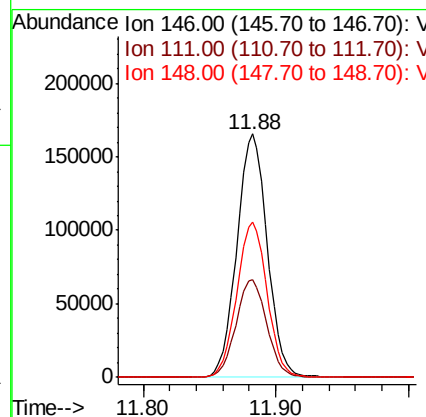
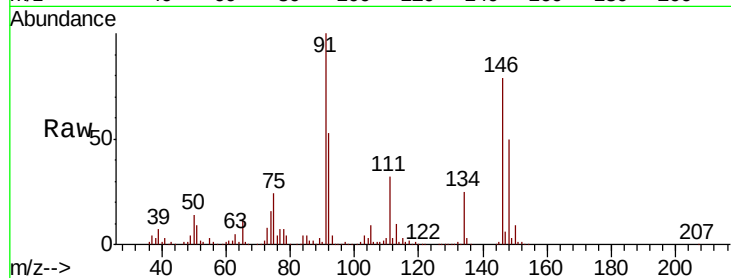
#85
 1,2-Dichlorobenzene
 Concen: 11.61 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.7	62.1
148	63.6	31.9	95.5

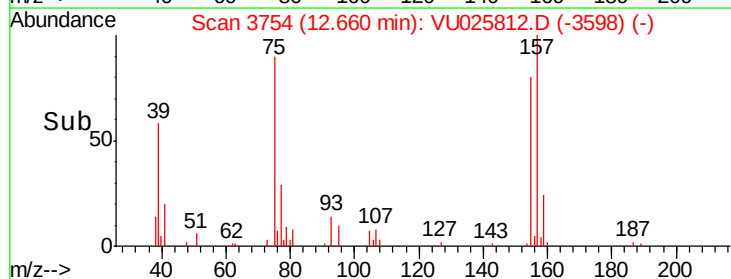
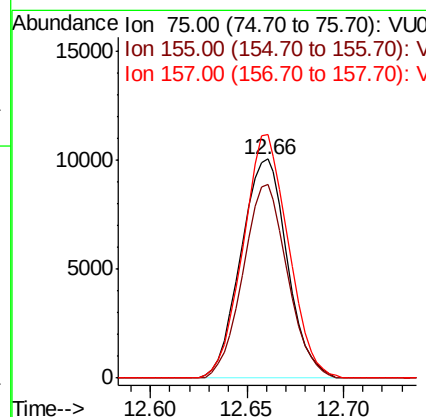
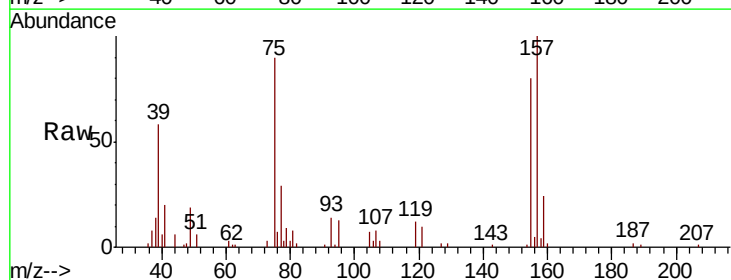
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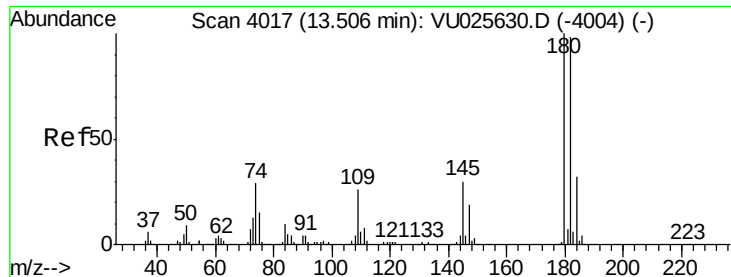
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.34 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	65.8	98.6
157	109.0	83.5	125.3





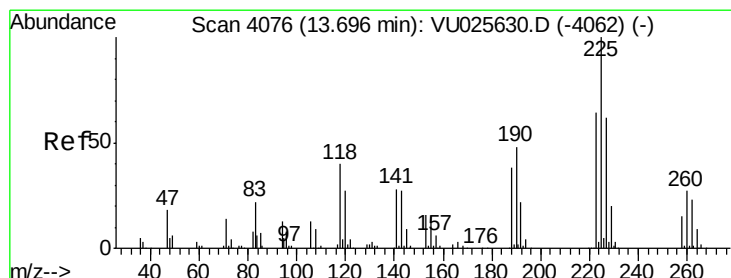
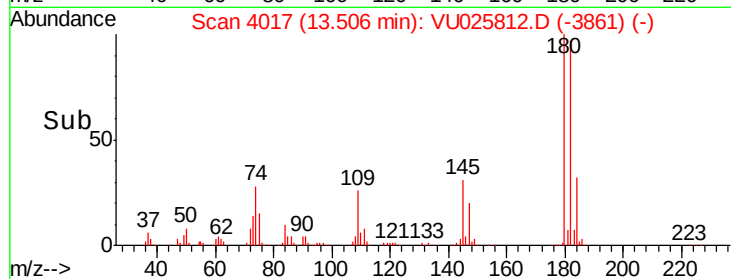
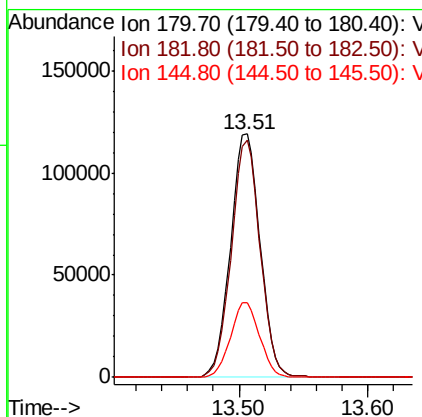
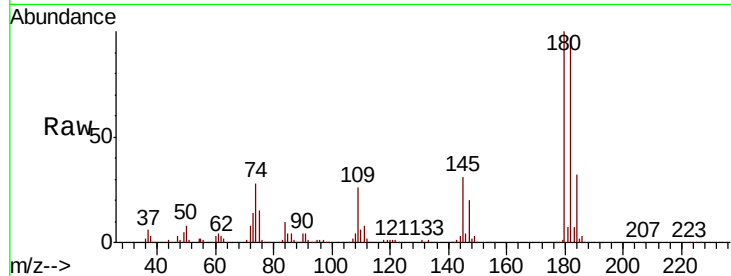
#87
 1,2,4-Trichlorobenzene
 Concen: 12.01 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.1	115.7
145	30.3	23.3	34.9

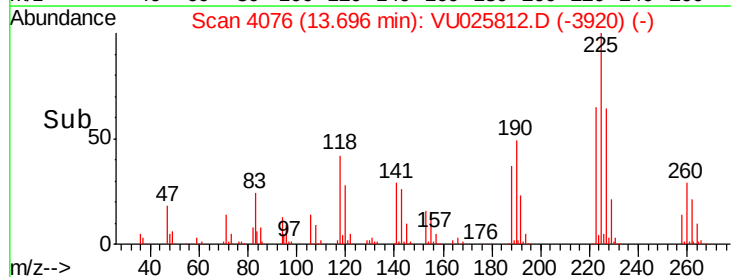
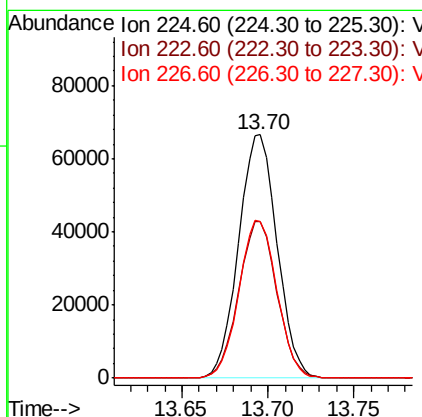
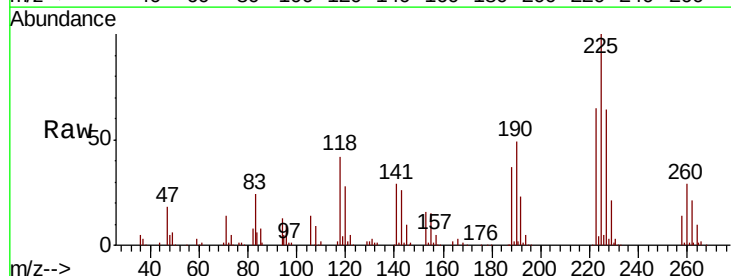
Manual Integrations
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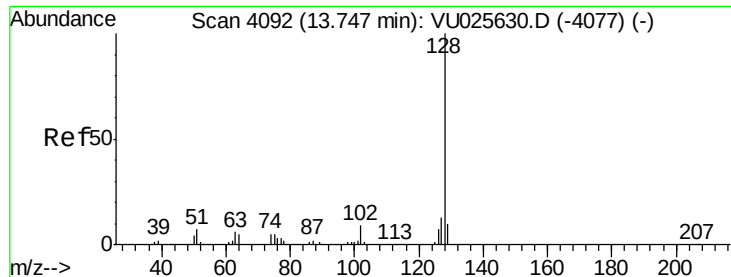
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#88
 Hexachlorobutadiene
 Concen: 10.67 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025812.D
 Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	75.8
227	64.0	51.8	77.6





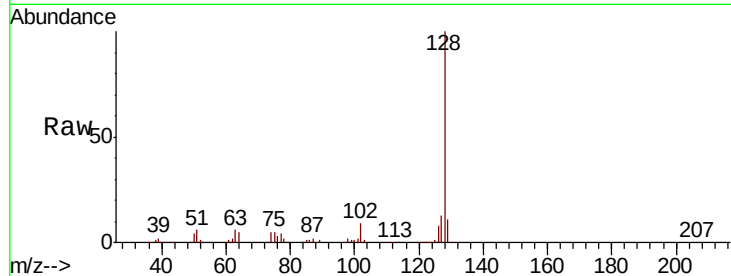
#89
Naphthalene
Concen: 11.69 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. -0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	11.2	8.7	13.1

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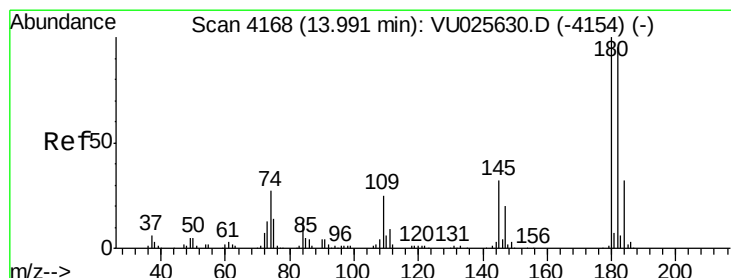
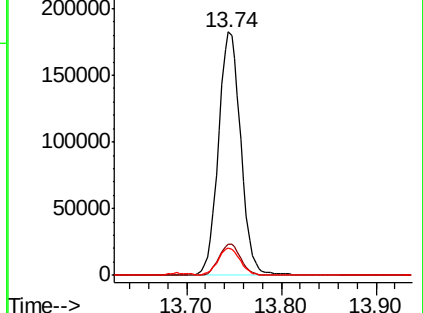
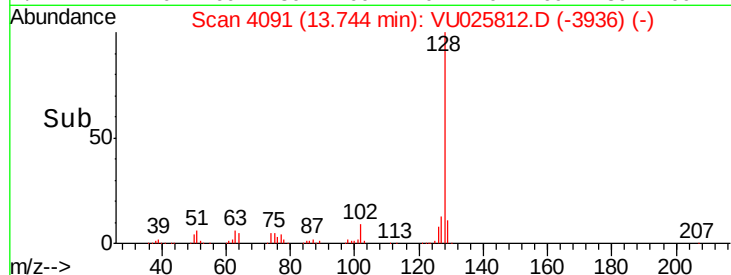


Abundance

Ion 128.00 (127.70 to 128.70): V

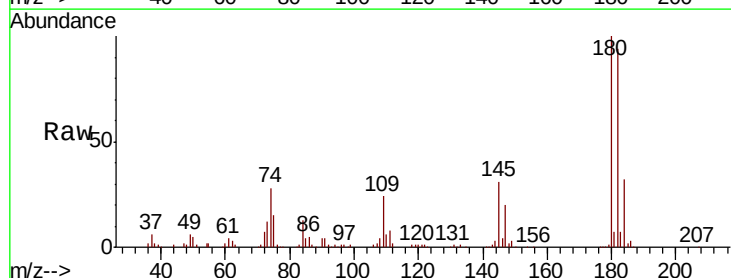
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 11.71 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025812.D
Acq: 03 Aug 2018 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.8	115.2
145	31.0	24.6	36.8



Abundance

Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

