

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024526.D
 Acq On : 14 Jun 2018 09:52
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 6/15/2018 3:15:57 PM

Quant Time: Jun 15 01:56:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	292564	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	277906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	134711	42.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.12%	
35) Dibromofluoromethane	4.89	113	112594	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
50) Toluene-d8	7.57	98	410915	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
62) 4-Bromofluorobenzene	10.31	95	163845	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	107455	44.277	ug/l	100
3) Chloromethane	1.33	50	114551	46.200	ug/l	100
4) Vinyl Chloride	1.40	62	115931	45.339	ug/l	96
5) Bromomethane	1.62	94	61765	49.968	ug/l	100
6) Chloroethane	1.70	64	70616	49.410	ug/l	98
7) Trichlorofluoromethane	1.89	101	175650	45.013	ug/l	98
8) Diethyl Ether	2.10	74	65478	49.279	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	107679	44.479	ug/l	98
10) Methyl Iodide	2.41	142	107307	52.124	ug/l	97
11) Tert butyl alcohol	2.82	59	141822	184.225	ug/l	100
12) 1,1-Dichloroethene	2.28	96	98214	44.486	ug/l	93
13) Acrolein	2.19	56	77611	191.983	ug/l	97
14) Allyl chloride	2.59	41	176359	43.023	ug/l	94
15) Acrylonitrile	2.93	53	333547	222.692	ug/l	98
16) Acetone	2.32	43	422148	248.217	ug/l	97
17) Carbon Disulfide	2.48	76	315412	44.617	ug/l	100
18) Methyl Acetate	2.62	43	156805	43.007	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	368268	44.376	ug/l	99
20) Methylene Chloride	2.70	84	113229	42.431	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	109999	45.237	ug/l	96
22) Diisopropyl ether	3.57	45	368952	45.404	ug/l	96
23) Vinyl Acetate	3.53	43	1693689	232.675	ug/l	99
24) 1,1-Dichloroethane	3.45	63	210035	44.931	ug/l	99
25) 2-Butanone	4.26	43	549602	240.584	ug/l	97
26) 2,2-Dichloropropane	4.23	77	198700	44.764	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	127388	45.569	ug/l	99
28) Bromochloromethane	4.55	49	100695	48.904	ug/l	91
29) Tetrahydrofuran	4.64	42	306198	216.442	ug/l	97
30) Chloroform	4.68	83	213311	45.083	ug/l	97
31) Cyclohexane	5.00	56	197901	47.577	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	193686	44.268	ug/l	96
36) 1,1-Dichloropropene	5.14	75	162629	47.305	ug/l	97
37) Ethyl Acetate	4.38	43	183410	48.948	ug/l	97
38) Carbon Tetrachloride	5.14	117	177421	46.931	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	204621	47.695	ug/l	95
40) Benzene	5.39	78	466833	47.655	ug/l	99
41) Methacrylonitrile	4.54	41	98747	48.879	ug/l	97
42) 1,2-Dichloroethane	5.41	62	171616	45.998	ug/l	98
43) Isopropyl Acetate	5.55	43	299387	46.224	ug/l	98
44) Trichloroethene	6.19	130	130087	46.661	ug/l	96
45) 1,2-Dichloropropane	6.44	63	126483	48.390	ug/l	96
46) Dibromomethane	6.56	93	89608	48.807	ug/l	97
47) Bromodichloromethane	6.76	83	174818	47.818	ug/l	99
48) Methyl methacrylate	6.62	41	147029	46.619	ug/l	99
49) 1,4-Dioxane	6.61	88	52333	848.493	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	948191	233.022	ug/l	98
52) Toluene	7.64	92	297197	47.156	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	201371	49.047	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	207860	47.513	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	120598	47.075	ug/l	98
56) Ethyl methacrylate	8.02	69	202419	47.207	ug/l	99
57) 1,3-Dichloropropane	8.25	76	204864	47.404	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	421038	256.307	ug/l	97
59) 2-Hexanone	8.36	43	786761	236.831	ug/l	99
60) Dibromochloromethane	8.48	129	148255	46.407	ug/l	100
61) 1,2-Dibromoethane	8.59	107	135887	47.656	ug/l	99
64) Tetrachloroethene	8.23	164	111401	42.172	ug/l	98
65) Chlorobenzene	9.12	112	338001	47.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	126709	46.977	ug/l	98
67) Ethyl Benzene	9.25	91	590491	47.444	ug/l	98
68) m/p-Xylenes	9.38	106	455944	95.401	ug/l	98
69) o-Xylene	9.78	106	223555	47.265	ug/l	96
70) Styrene	9.80	104	373088	48.000	ug/l	98
71) Bromoform	9.96	173	122119	47.634	ug/l #	100
73) Isopropylbenzene	10.17	105	600634	45.818	ug/l	98
74) N-amyl acetate	10.01	43	286435	45.938	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	202583	46.116	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	182255m	48.483	ug/l	
77) Bromobenzene	10.45	156	152108	45.833	ug/l	97
78) n-propylbenzene	10.59	91	725192	46.961	ug/l	98
79) 2-Chlorotoluene	10.66	91	414755	45.545	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	517879	45.579	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	75668m	46.587	ug/l	
82) 4-Chlorotoluene	10.78	91	490670	46.293	ug/l	99
83) tert-Butylbenzene	11.10	119	513041	46.941	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	532049	45.949	ug/l	100
85) sec-Butylbenzene	11.33	105	638771	46.691	ug/l	98
86) p-Isopropyltoluene	11.48	119	567764	46.337	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	285915	46.632	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	285474	46.259	ug/l	99
89) n-Butylbenzene	11.89	91	536429	49.312	ug/l	98
90) Hexachloroethane	12.15	117	110700	46.313	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	282755	46.041	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	52989	43.716	ug/l	91

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VSTDCCC050

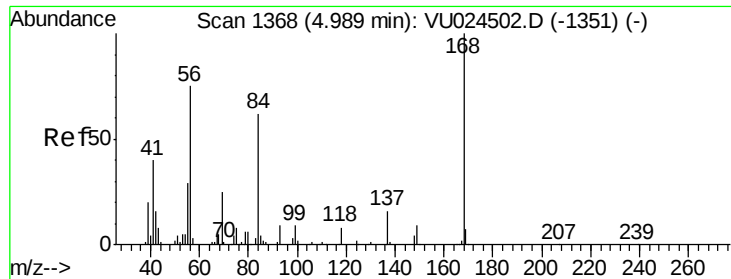
Manual Integrations
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6/15/2018 3:15:57 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	198323	52.295	ug/l	100
94) Hexachlorobutadiene	13.70	225	105740	49.537	ug/l	99
95) Naphthalene	13.74	128	576943	46.009	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	199125	52.694	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 193891

Ion Ratio Lower Upper

168 100

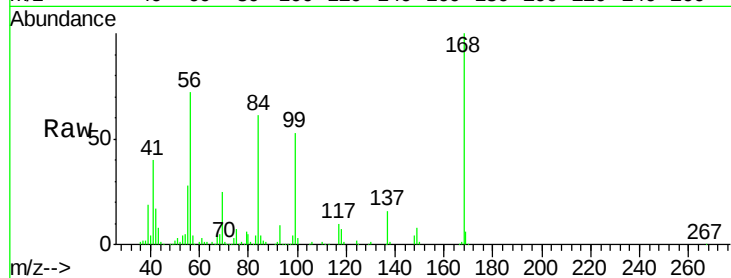
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Manual Integrations

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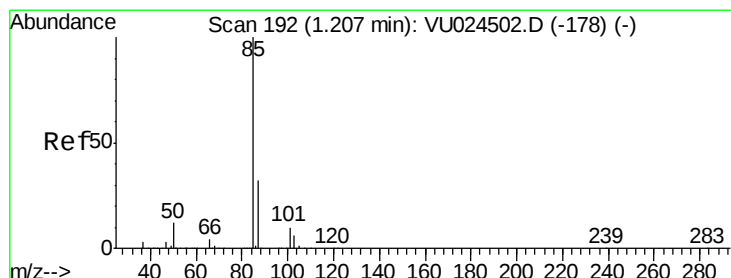
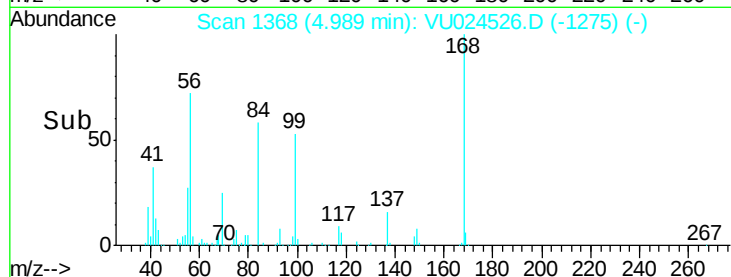
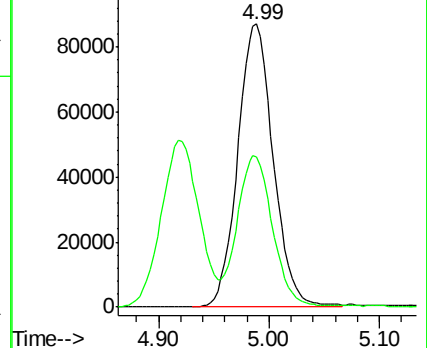
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 44.277 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024526.D

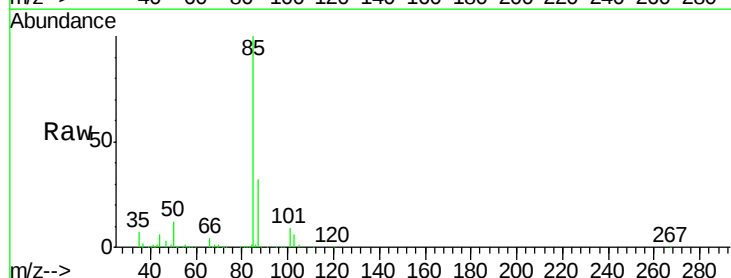
Acq: 14 Jun 2018 09:52

Tgt Ion: 85 Resp: 107455

Ion Ratio Lower Upper

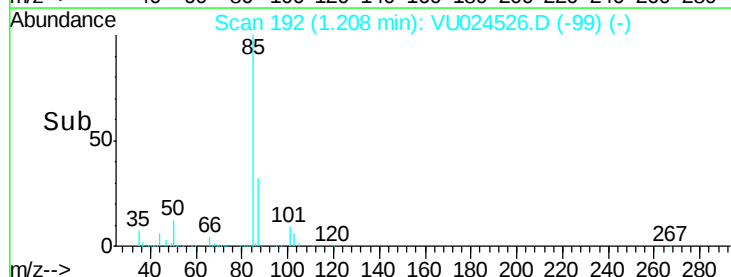
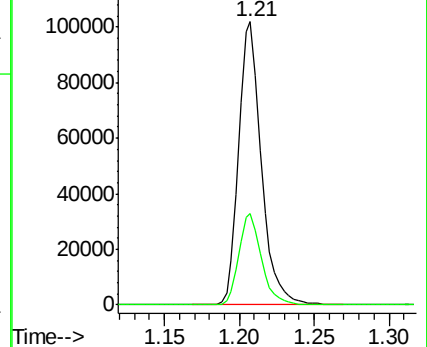
85 100

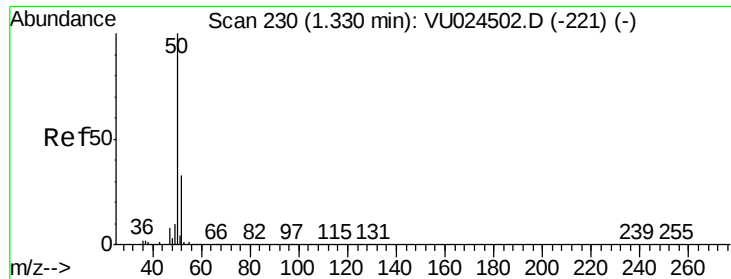
87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 46.200 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 114551

Ion Ratio Lower Upper

50 100

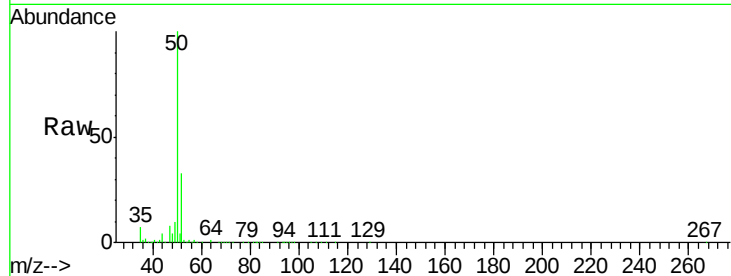
52 33.1 26.4 39.6

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

120000

100000

80000

60000

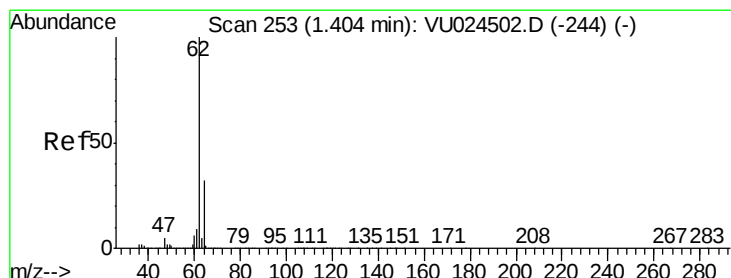
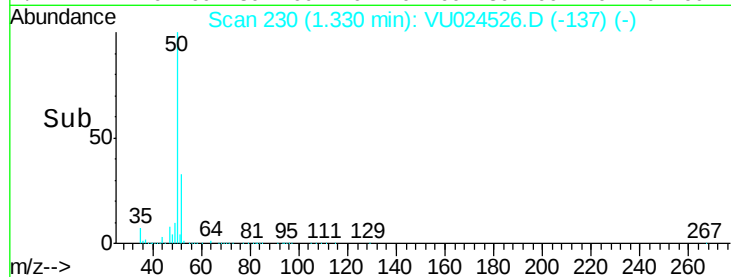
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 45.339 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024526.D

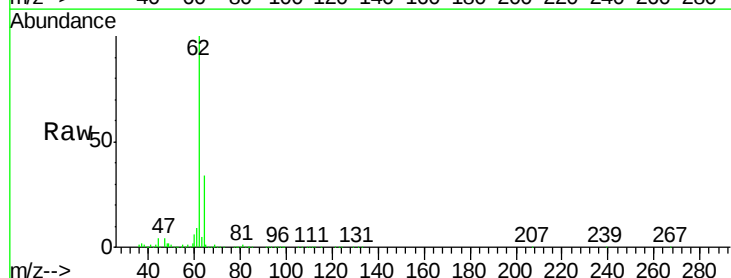
Acq: 14 Jun 2018 09:52

Tgt Ion: 62 Resp: 115931

Ion Ratio Lower Upper

62 100

64 33.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

120000

100000

80000

60000

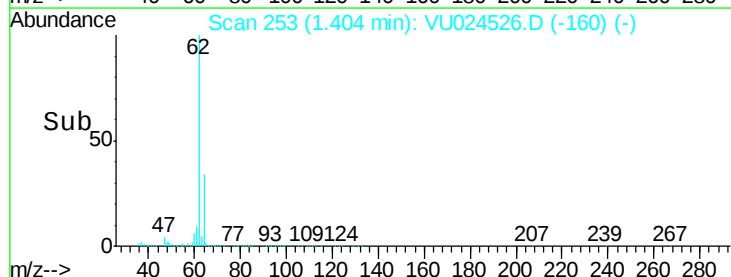
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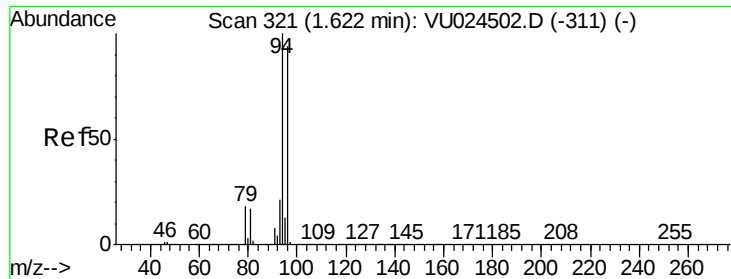
20000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 49.968 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 61765

Ion Ratio Lower Upper

94 100

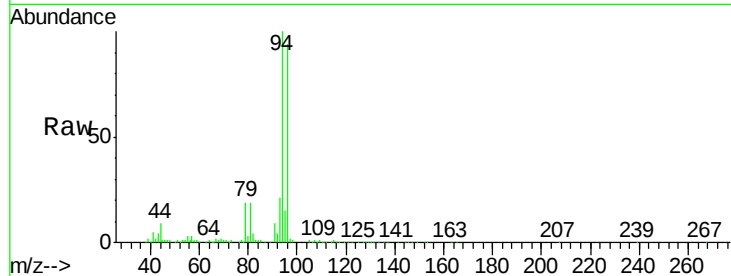
96 93.3 74.5 111.7

Manual Integrations

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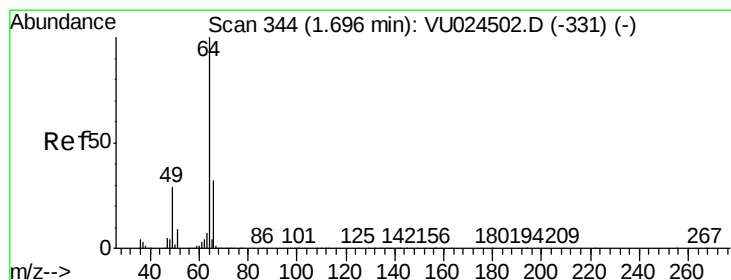
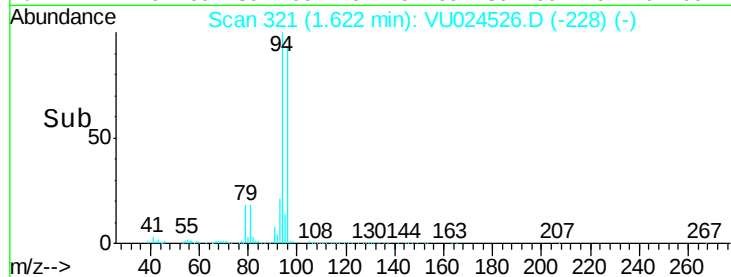
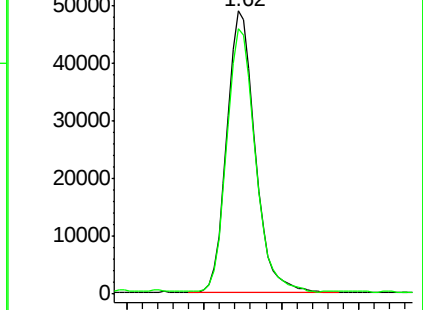
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Abundance Ion 93.90 (93.60 to 94.60): VU024502.D (-311) (-)

Ion 95.90 (95.60 to 96.60): VU024502.D (-311) (-)



#6

Chloroethane

Concen: 49.410 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024526.D

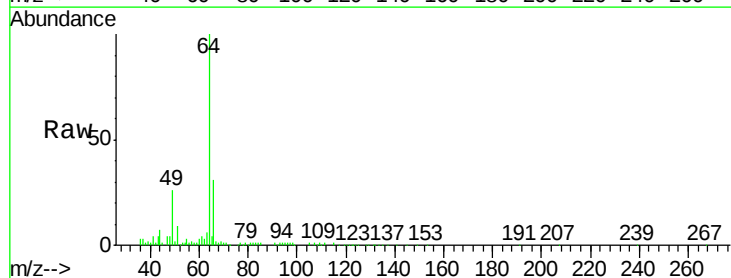
Acq: 14 Jun 2018 09:52

Tgt Ion: 64 Resp: 70616

Ion Ratio Lower Upper

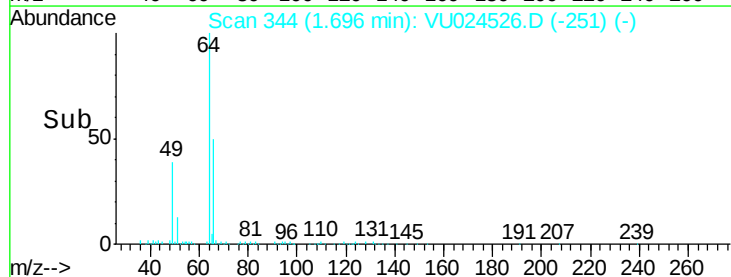
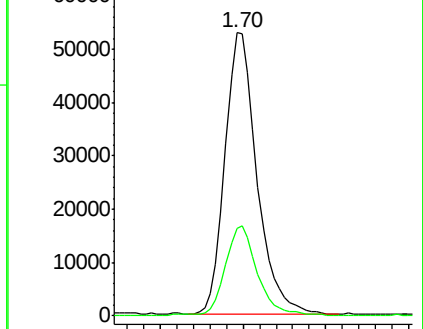
64 100

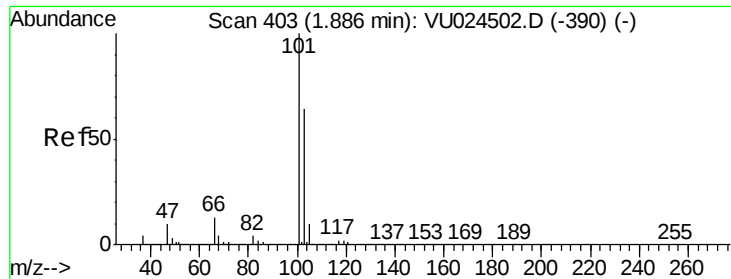
66 30.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU024502.D (-331) (-)

Ion 65.90 (65.60 to 66.60): VU024502.D (-331) (-)





#7

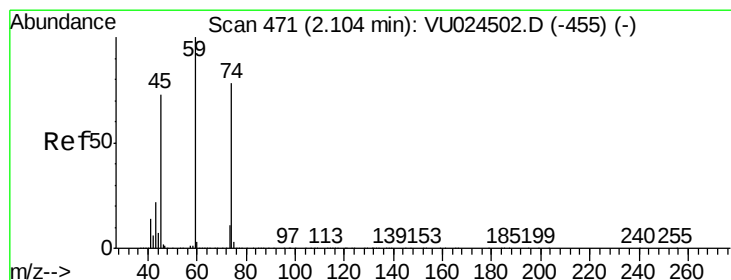
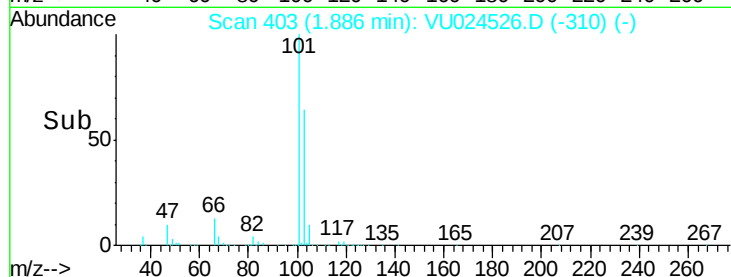
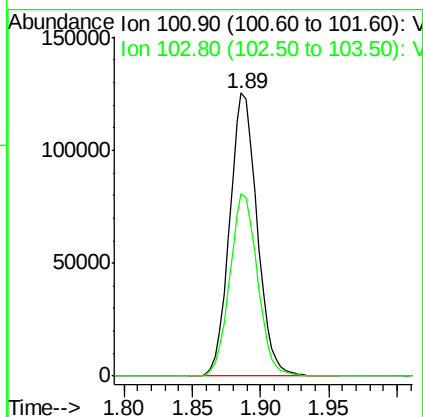
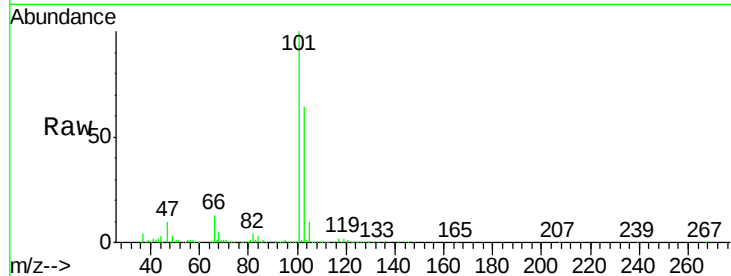
Trichlorofluoromethane
Concen: 45.013 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.3	78.5

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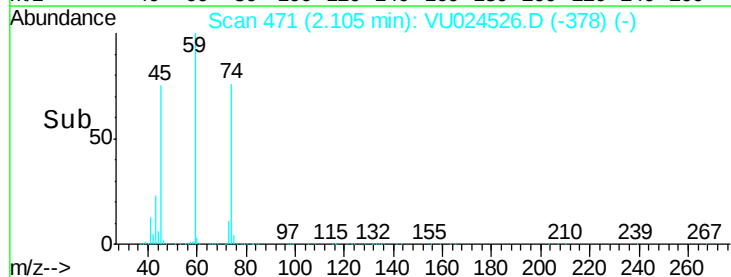
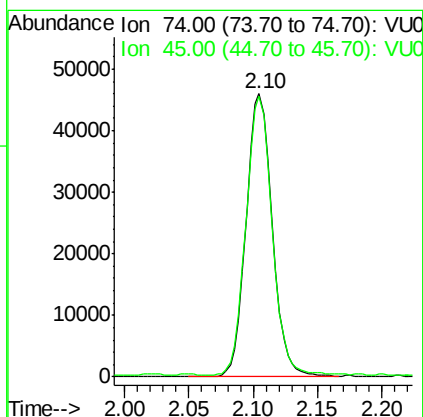
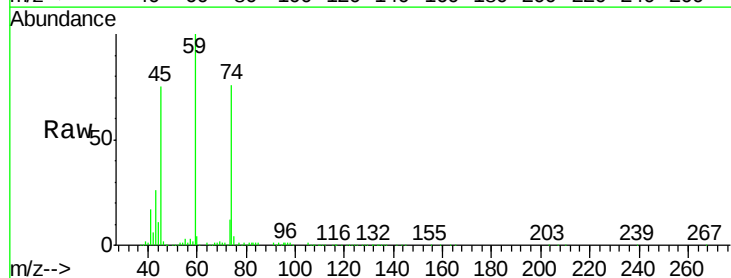
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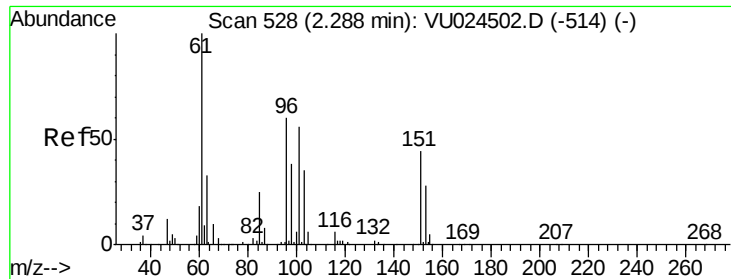


#8

Diethyl Ether
Concen: 49.279 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	55.0	165.0





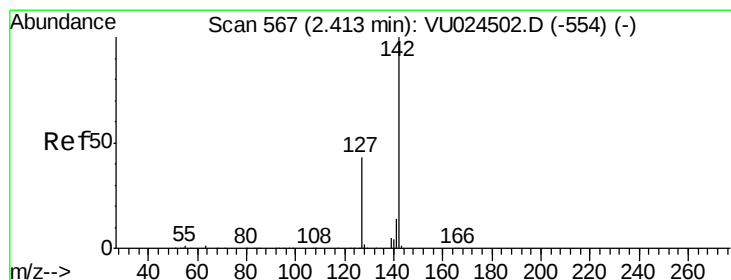
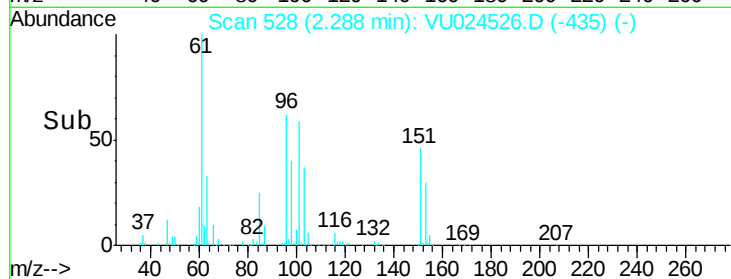
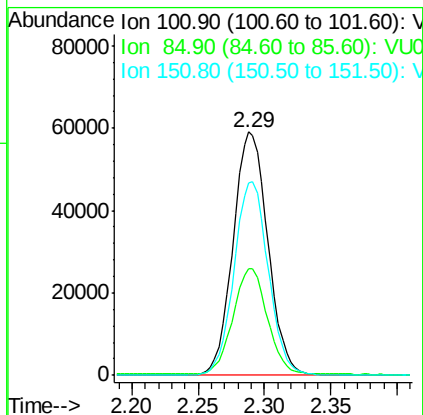
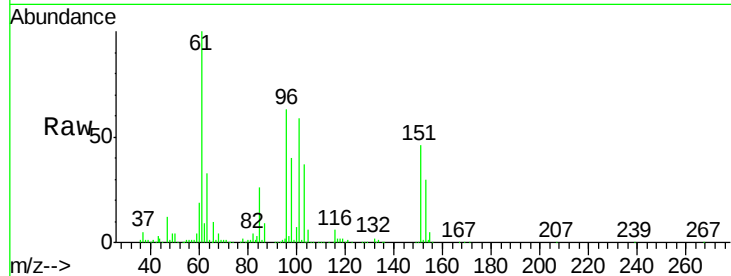
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.479 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.9	36.0	54.0
151	78.4	62.3	93.5

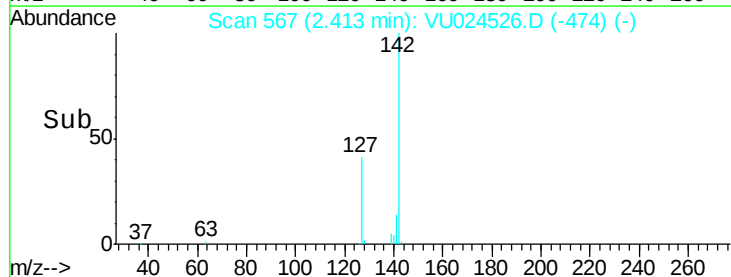
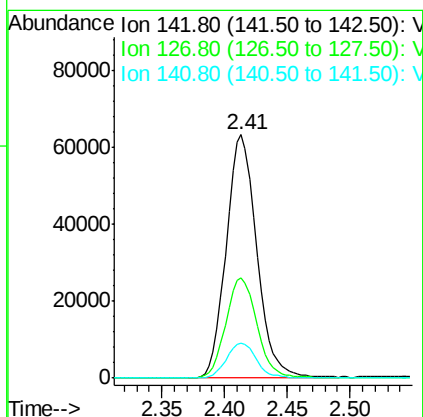
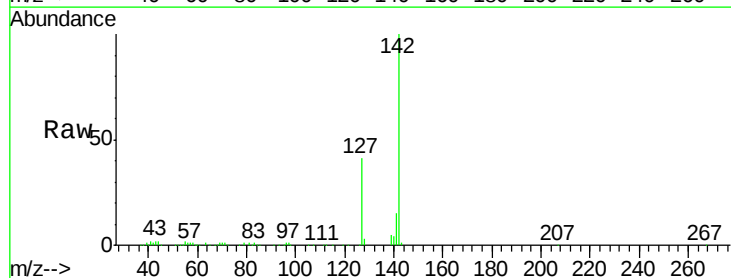
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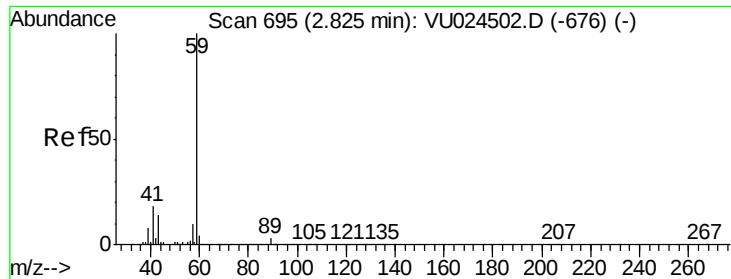
apatel
 6/15/2018 3:15:57 PM



#10
 Methyl Iodide
 Concen: 52.124 ug/l
 RT: 2.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.1	35.6	53.4
141	14.2	11.7	17.5





#11

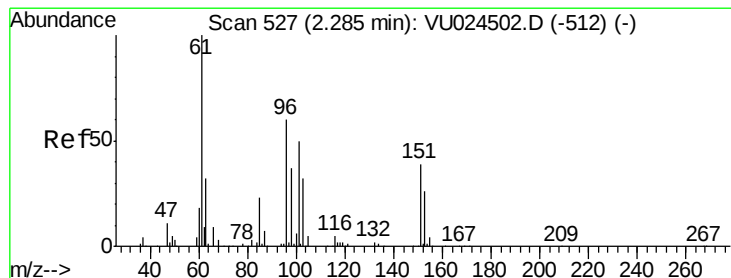
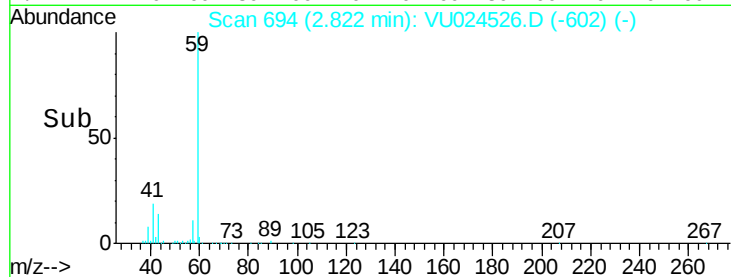
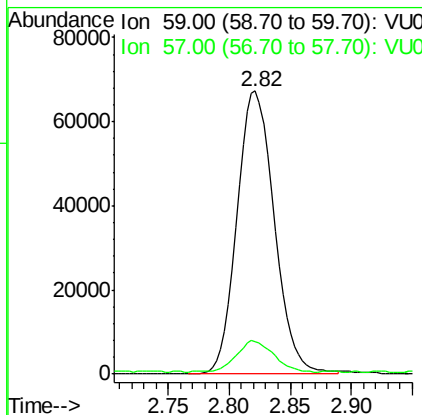
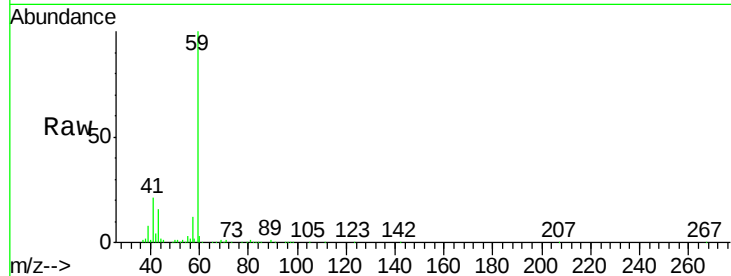
Tert butyl alcohol
Concen: 184.225 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	141822
Ion Ratio	100	Lower	Upper
57	10.7	8.5	12.7

Manual Integrations
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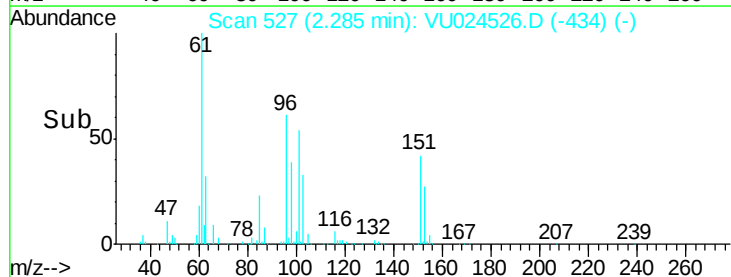
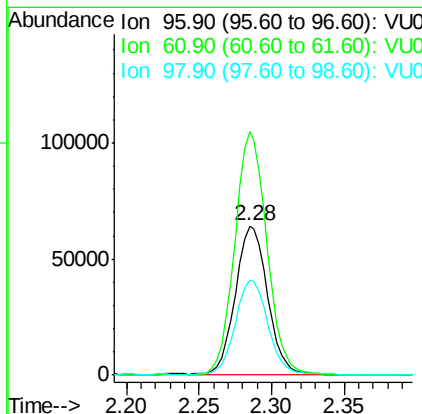
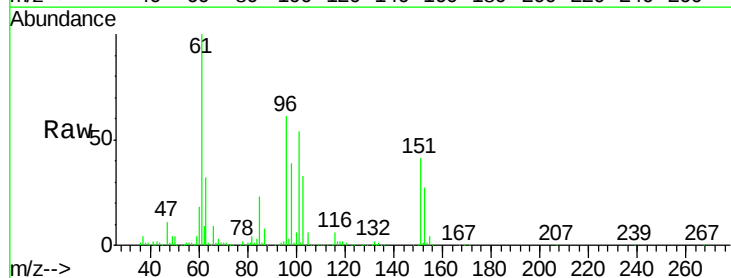
apatel
6/15/2018 3:15:57 PM

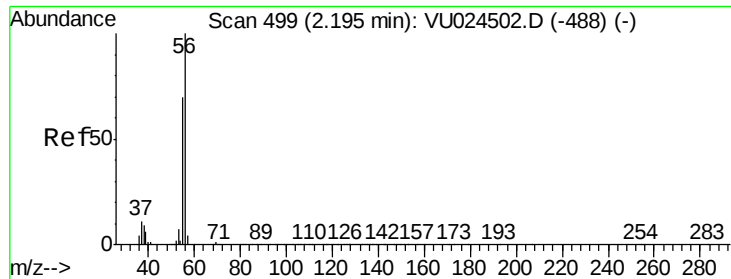


#12

1,1-Dichloroethene
Concen: 44.486 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	96	Resp	98214
Ion Ratio	100	Lower	Upper
61	164.0	141.7	212.5
98	63.6	51.6	77.4





#13

Acrolein

Concen: 191.983 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 77611

Ion Ratio Lower Upper

56 100

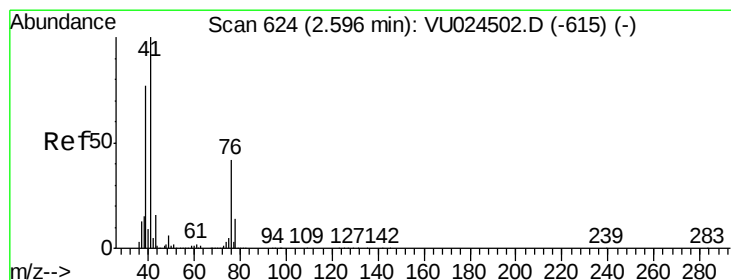
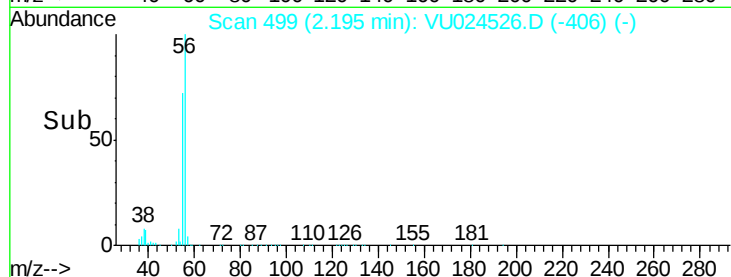
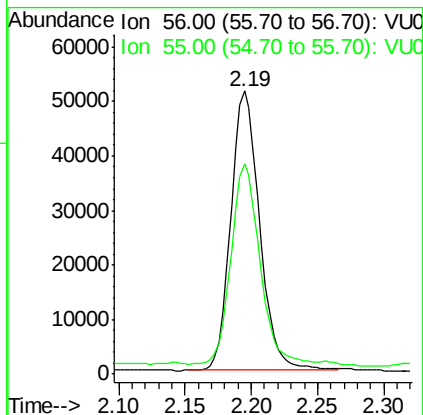
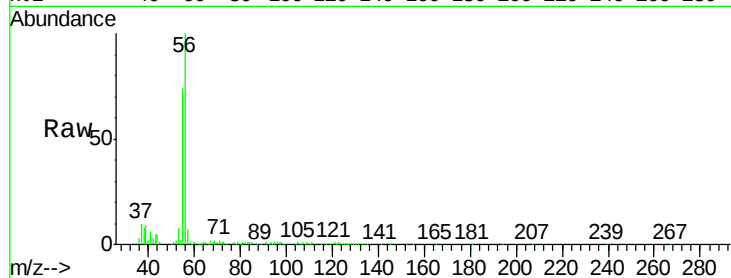
55 70.7 58.4 87.6

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#14

Allyl chloride

Concen: 43.023 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

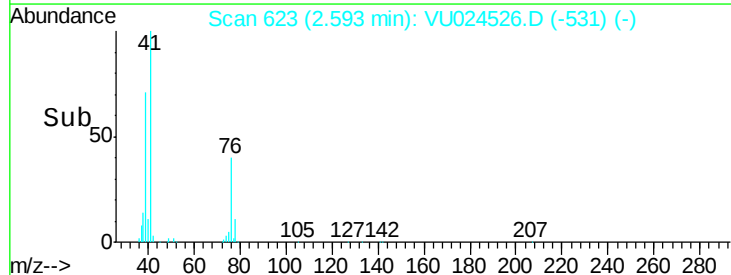
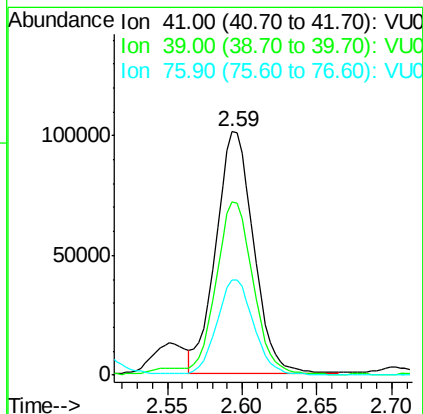
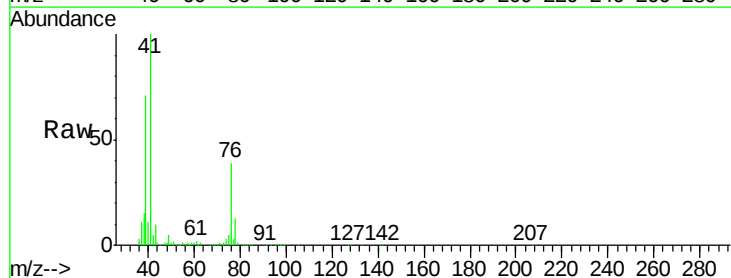
Tgt Ion: 41 Resp: 176359

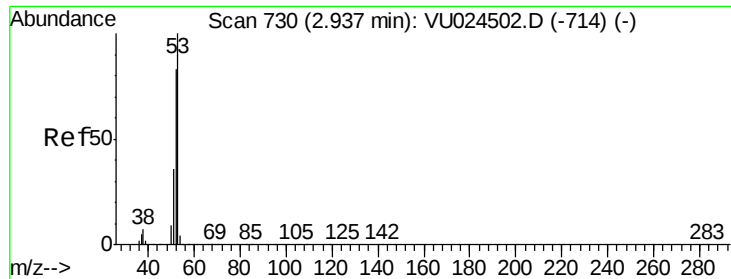
Ion Ratio Lower Upper

41 100

39 70.0 61.6 92.4

76 39.0 29.7 44.5





#15

Acrylonitrile

Concen: 222.692 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

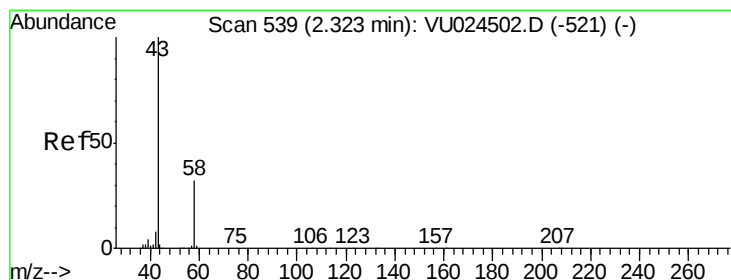
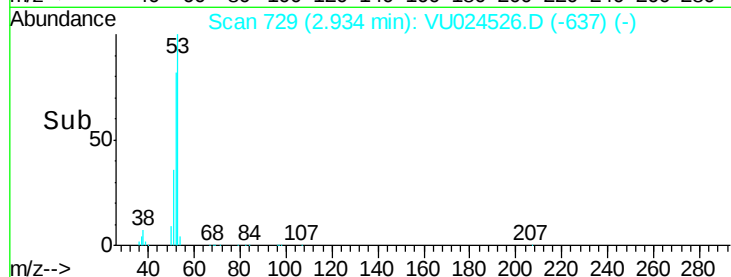
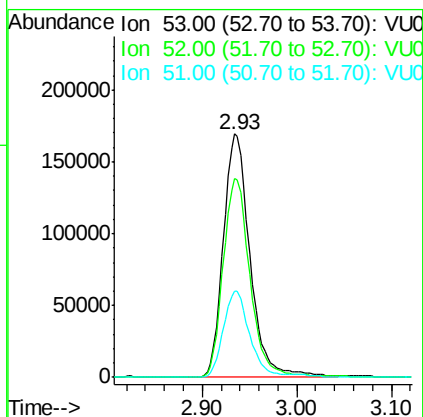
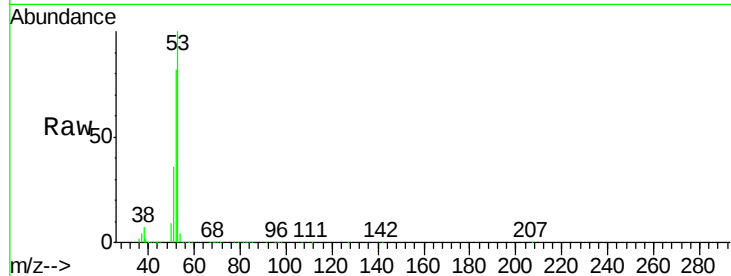
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	333547
Ion	Ratio	Lower	Upper
53	100		
52	82.0	67.1	100.7
51	35.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 248.217 ug/l

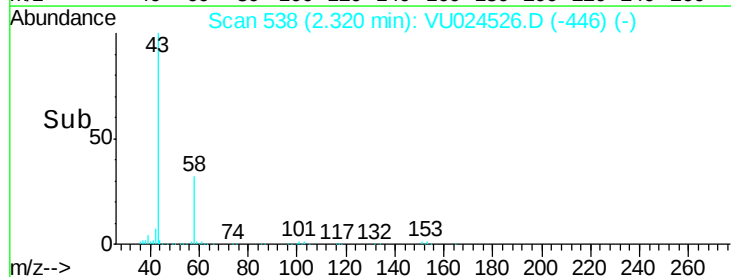
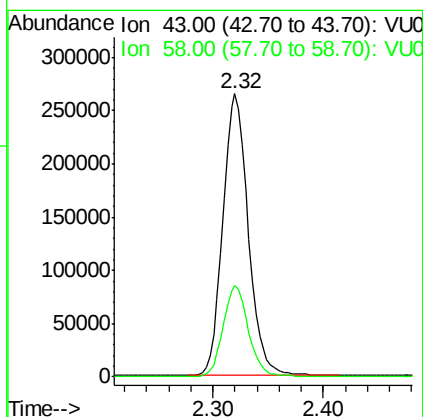
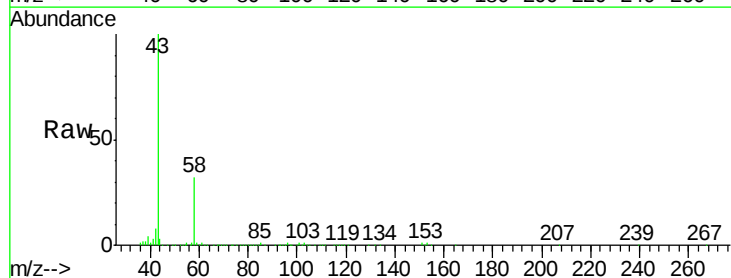
RT: 2.32 min Scan# 538

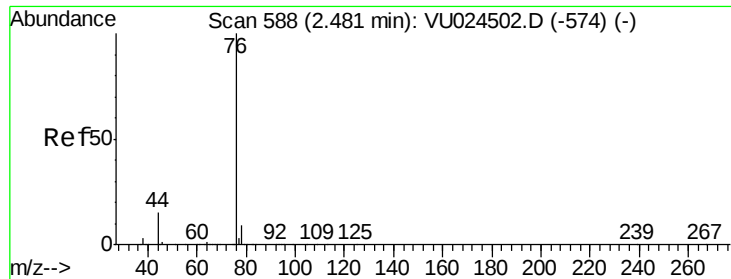
Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Tgt Ion:	43	Resp:	422148
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.4	36.6





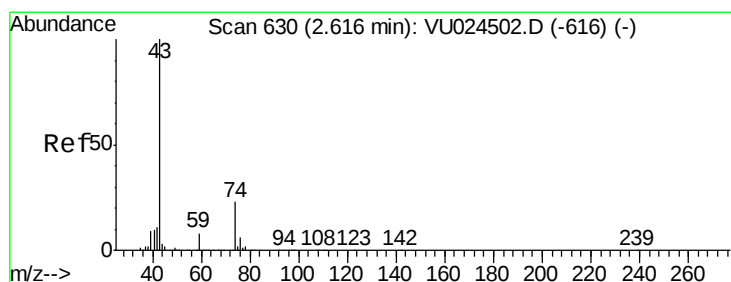
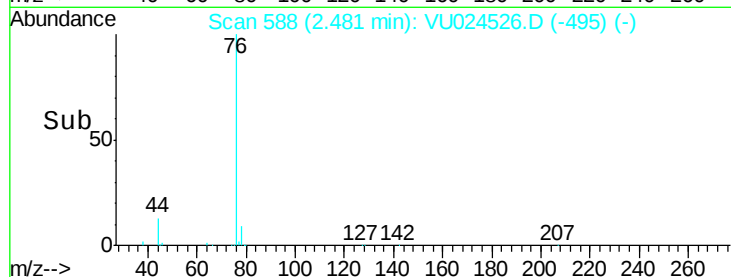
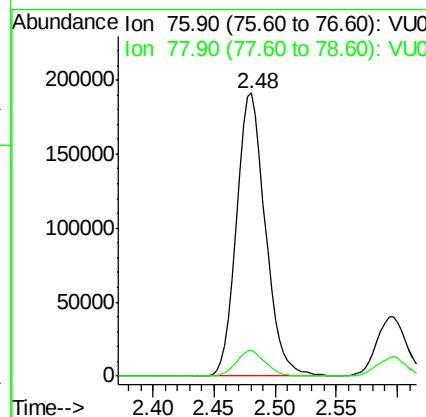
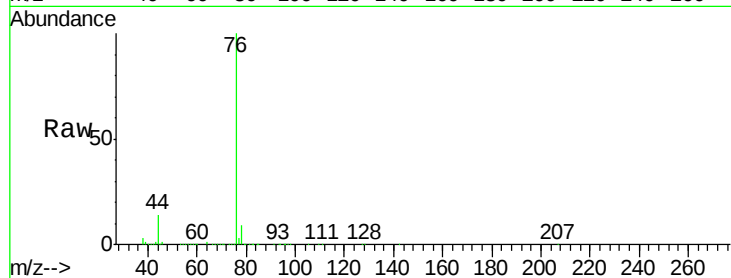
#17
Carbon Disulfide
Concen: 44.617 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

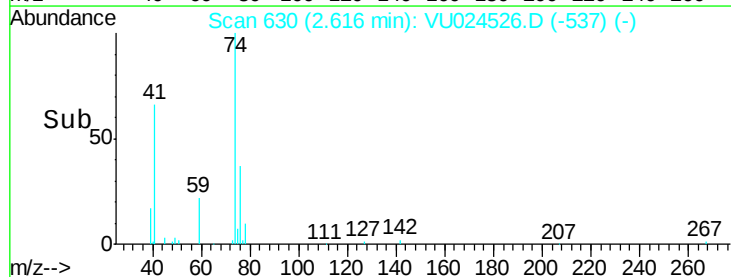
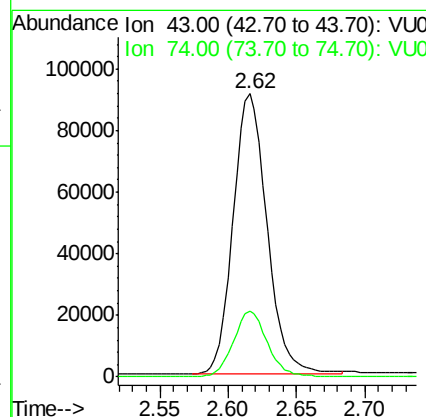
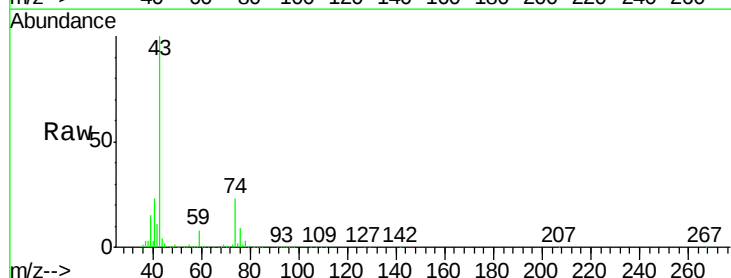
Manual Integrations
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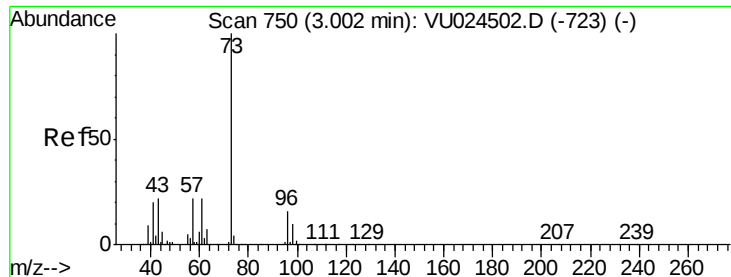
apatel
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#18
Methyl Acetate
Concen: 43.007 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.0	27.0





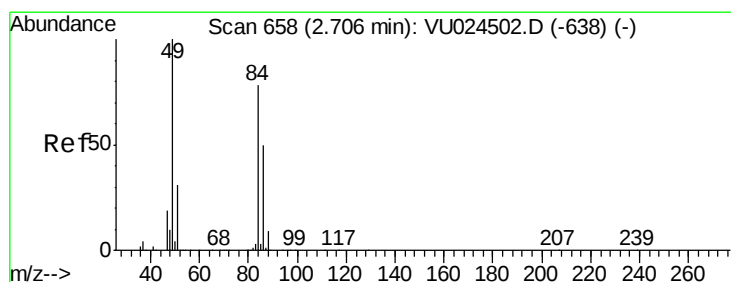
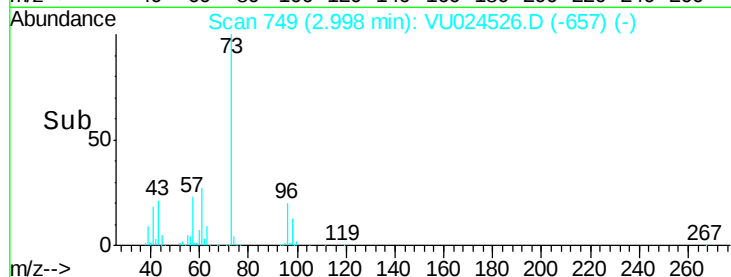
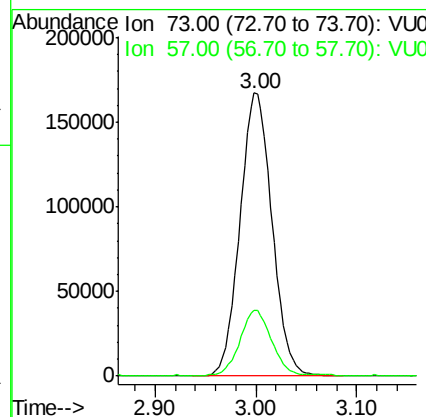
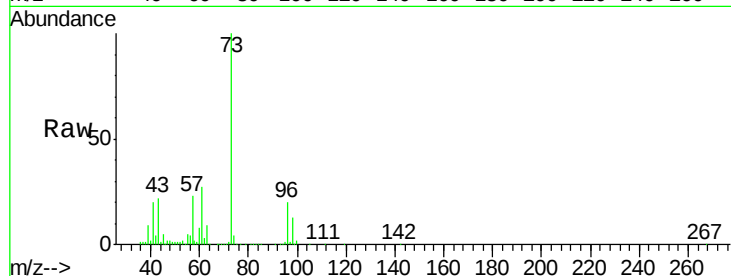
#19
Methvl tert-butvl Ether
Concen: 44.376 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 368268
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2

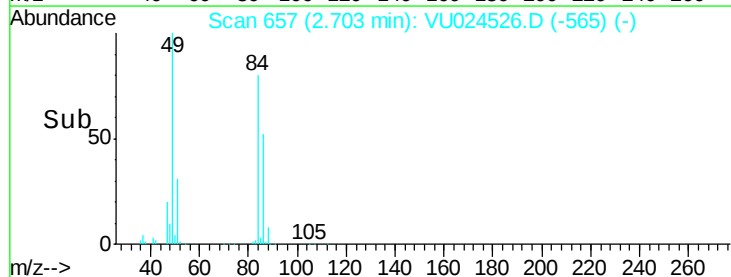
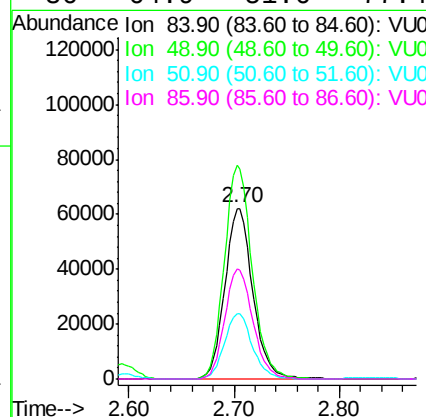
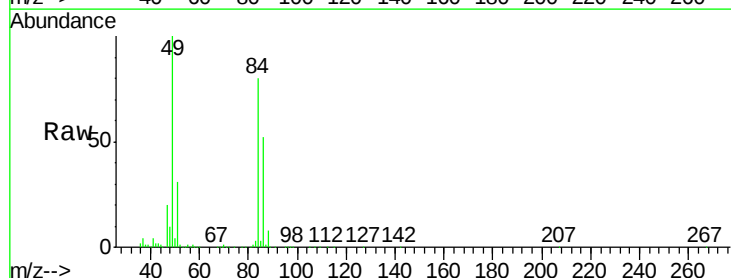
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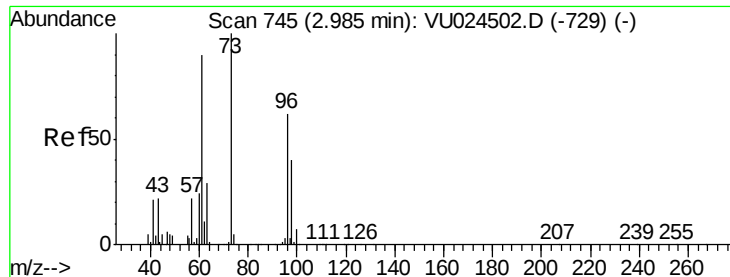
apatel
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#20
Methylene Chloride
Concen: 42.431 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 84 Resp: 113229
Ion Ratio Lower Upper
84 100
49 125.2 103.8 155.8
51 38.4 32.0 48.0
86 64.9 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.237 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

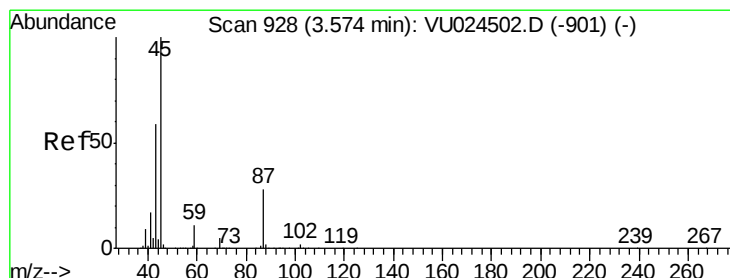
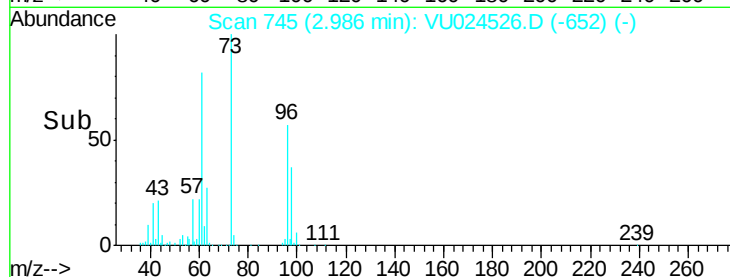
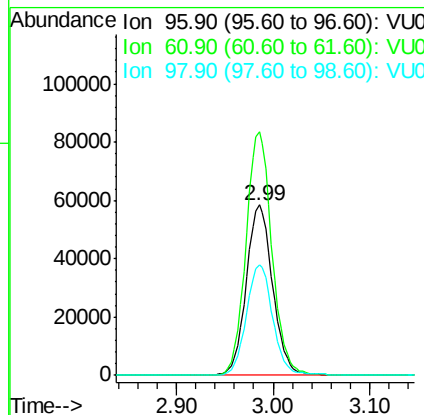
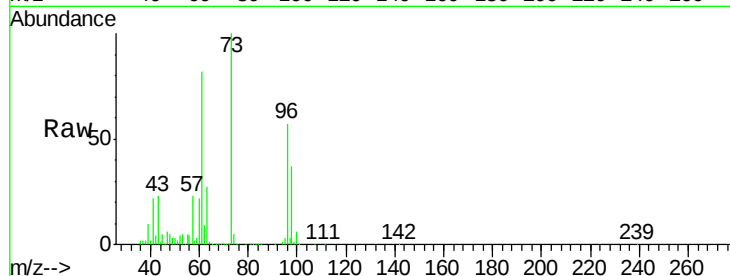
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	109999
Ion Ratio	Lower	Upper	
96	100		
61	143.3	119.4	179.0
98	64.9	51.1	76.7

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#22

Diisopropyl ether

Concen: 45.404 ug/l

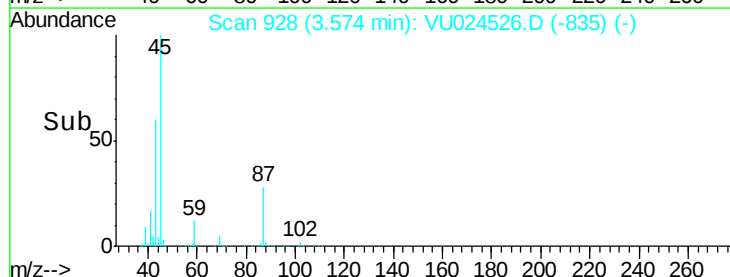
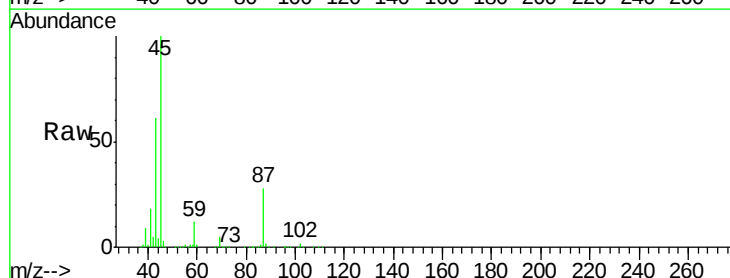
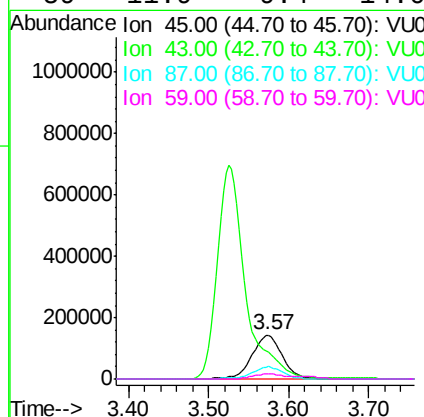
RT: 3.57 min Scan# 928

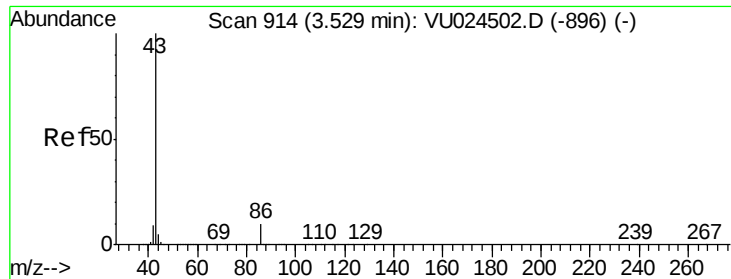
Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Tgt Ion:	45	Resp:	368952
Ion Ratio	Lower	Upper	
45	100		
43	60.1	45.8	68.6
87	27.8	20.6	31.0
59	11.9	9.4	14.0





#23

Vinyl Acetate

Concen: 232.675 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1693689

Ion Ratio Lower Upper

43 100

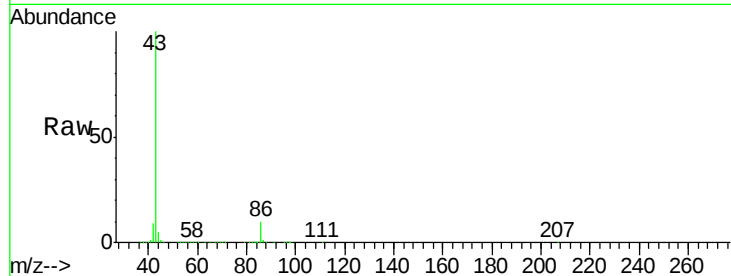
86 10.2 7.8 11.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

800000

600000

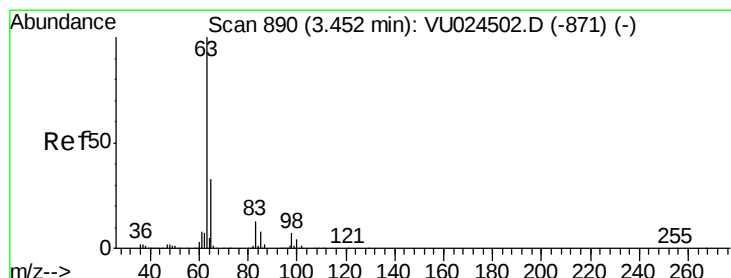
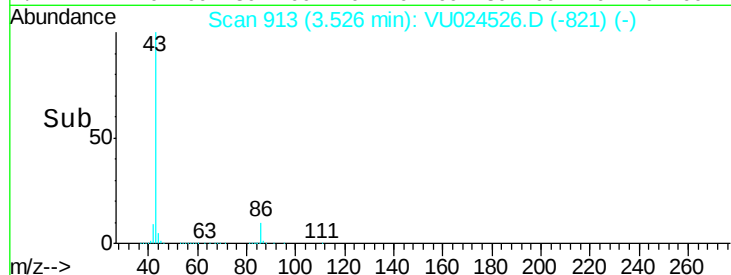
400000

200000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 44.931 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

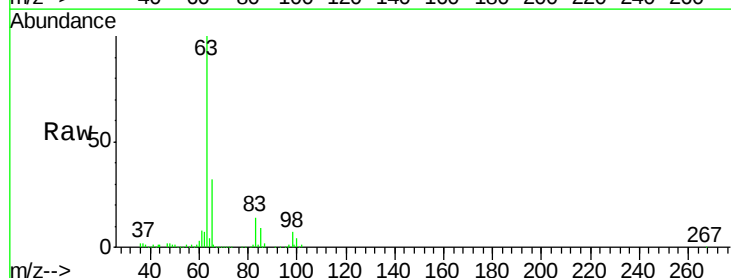
Tgt Ion: 63 Resp: 210035

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

120000

100000

80000

60000

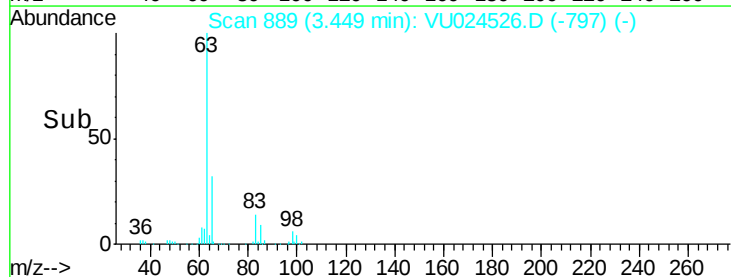
40000

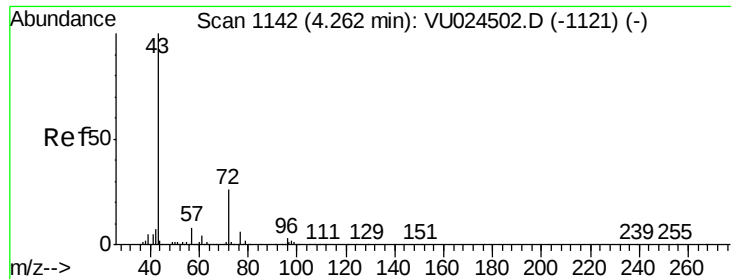
20000

0

3.40 3.50

Time-->





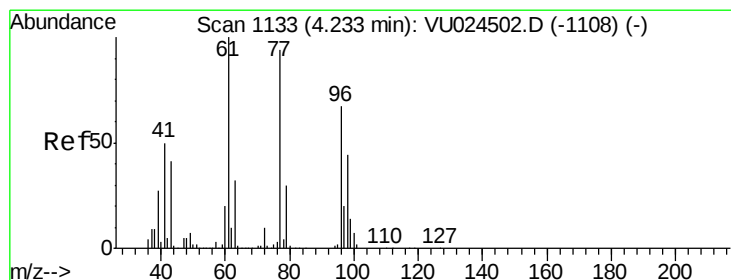
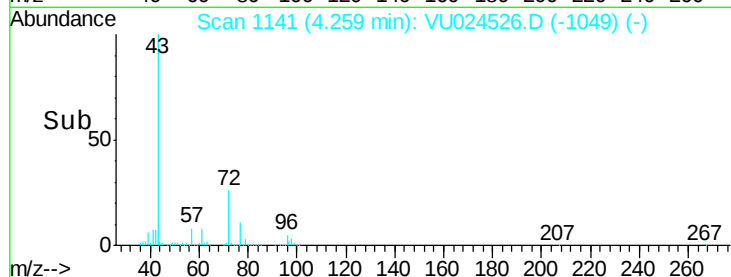
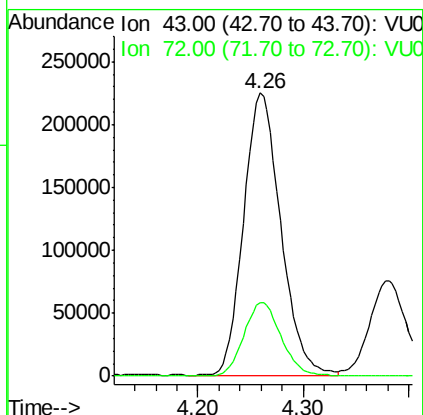
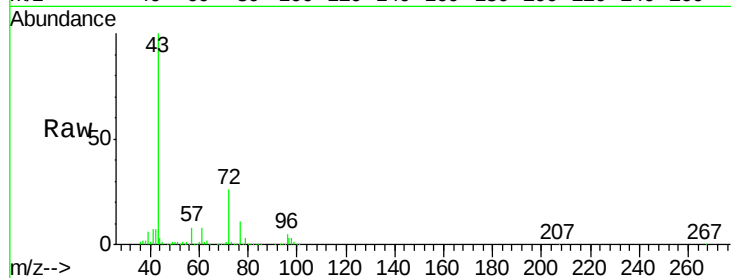
#25
2-Butanone
Concen: 240.584 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 549602
Ion Ratio Lower Upper
43 100
72 26.0 19.6 29.4

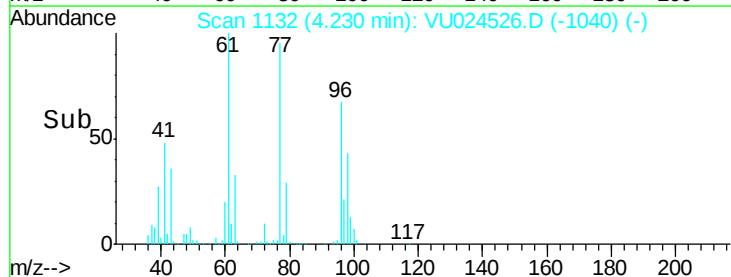
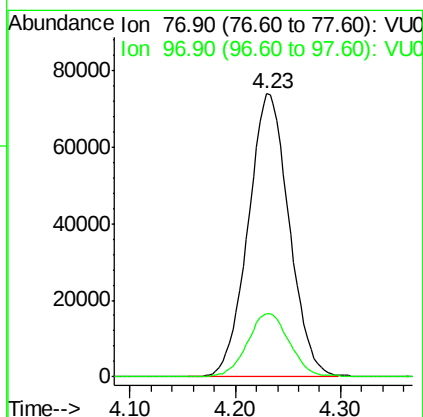
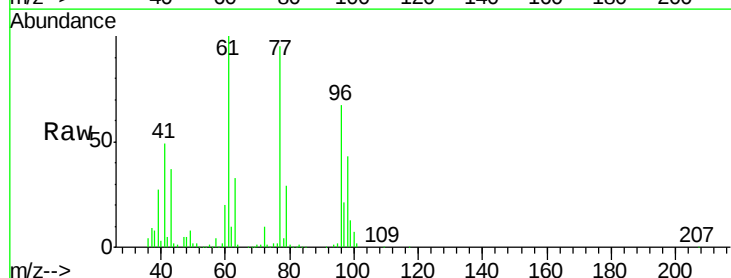
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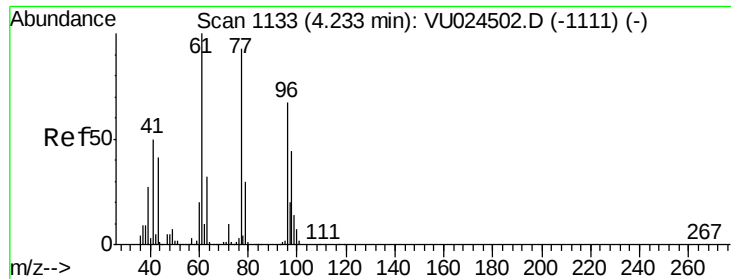
apatel
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#26
2,2-Dichloropropane
Concen: 44.764 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 77 Resp: 198700
Ion Ratio Lower Upper
77 100
97 22.7 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 45.569 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

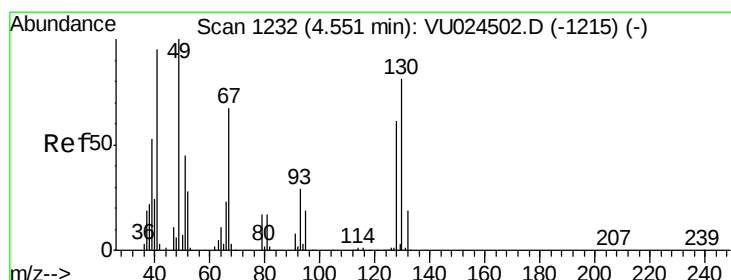
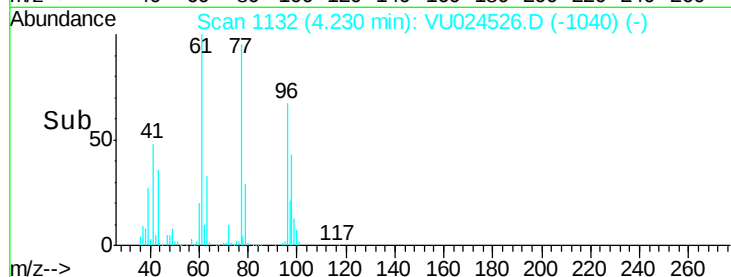
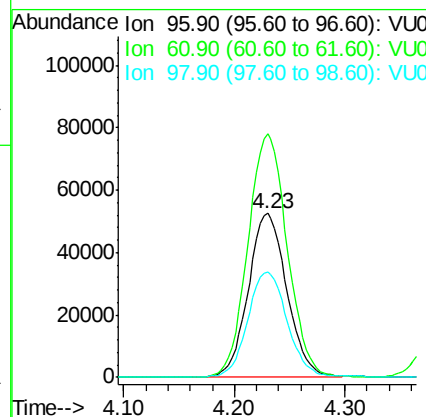
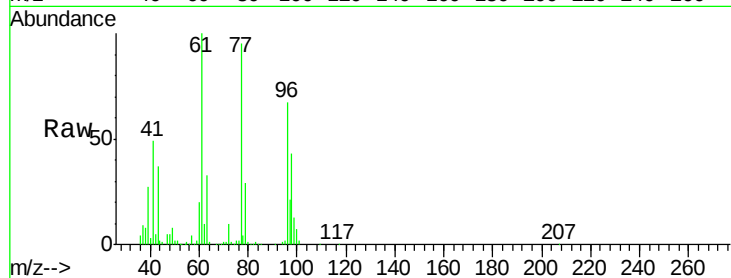
ClientSampleId :

VSTDCCC050

Tot Ion	96	Resp	127388
Ion Ratio	Lower	Upper	
96	100		
61	151.5	0.0	306.6
98	64.3	0.0	128.8

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#28

Bromochloromethane

Concen: 48.904 ug/l

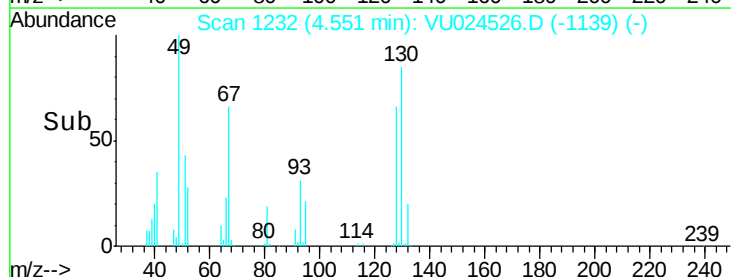
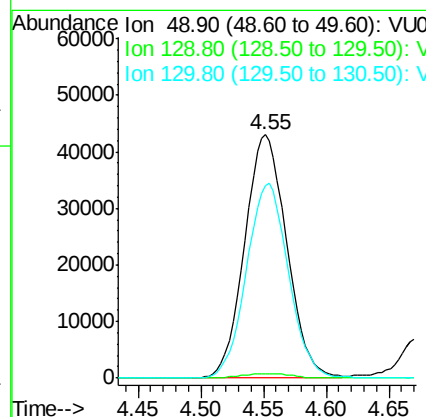
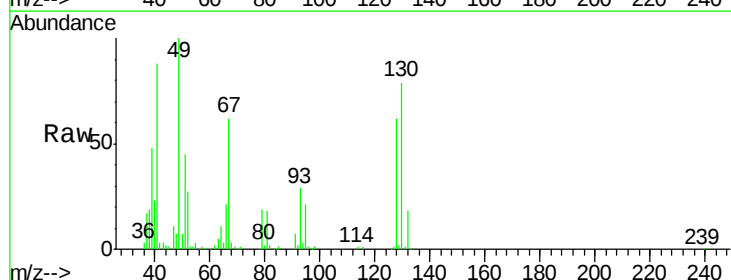
RT: 4.55 min Scan# 1232

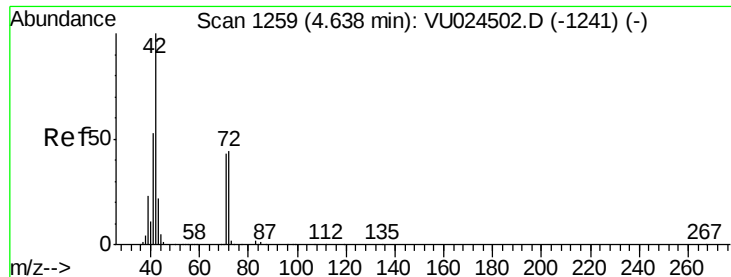
Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Tgt Ion	49	Resp	100695
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	3.8
130	79.8	57.8	86.6





#29

Tetrahydrofuran

Concen: 216.442 ug/l

RT: 4.64 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

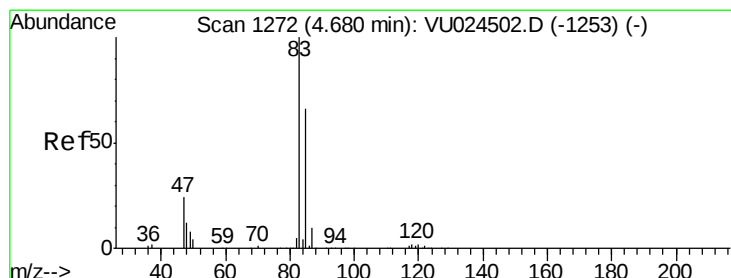
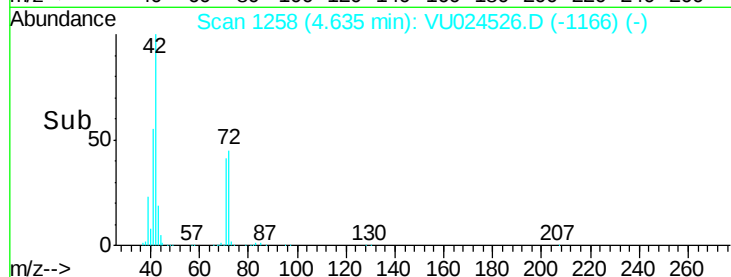
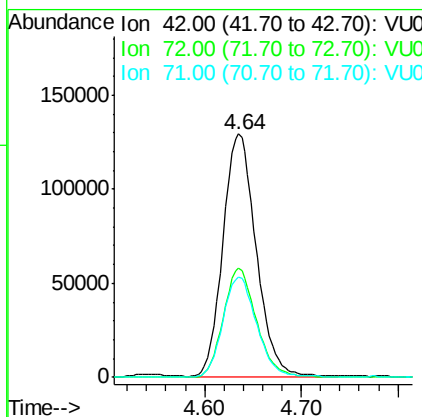
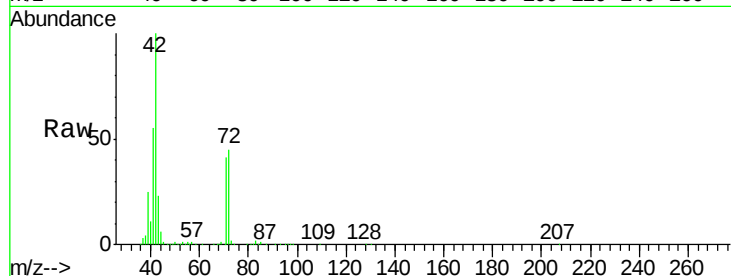
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	306198
Ion Ratio		Lower	Upper
42	100		
72	45.2	34.5	51.7
71	41.9	32.2	48.4

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#30

Chloroform

Concen: 45.083 ug/l

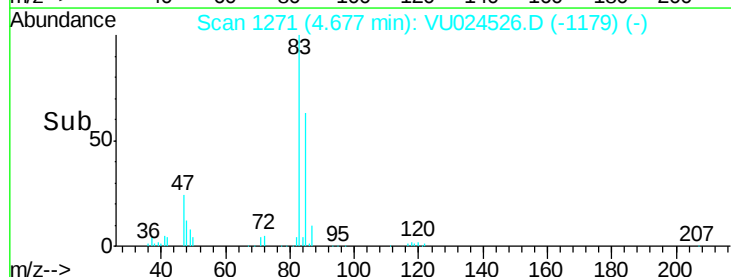
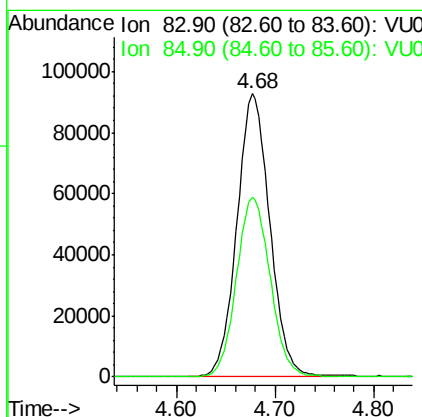
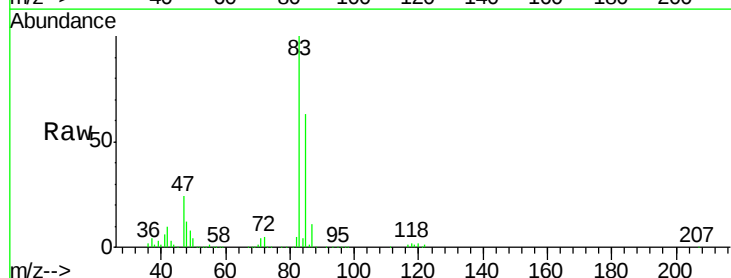
RT: 4.68 min Scan# 1271

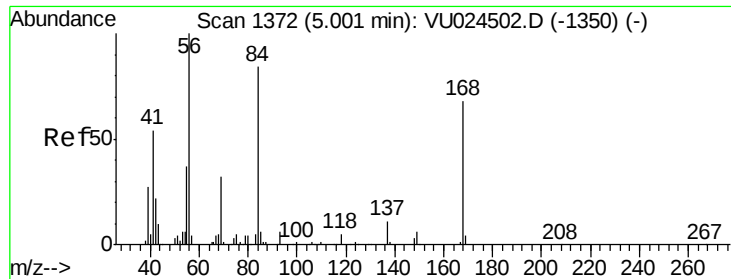
Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Tgt Ion:	83	Resp:	213311
Ion Ratio		Lower	Upper
83	100		
85	63.2	52.4	78.6





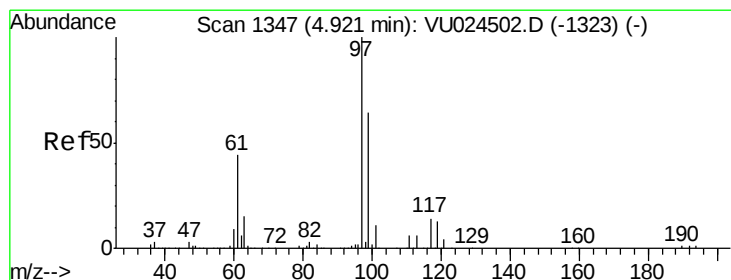
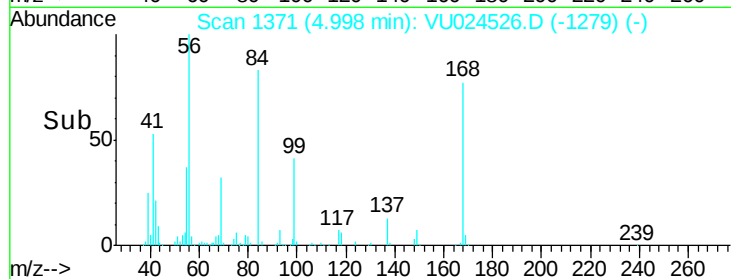
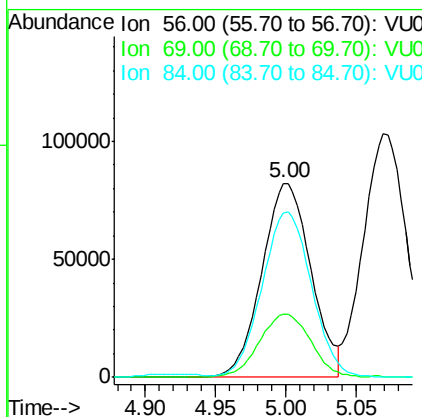
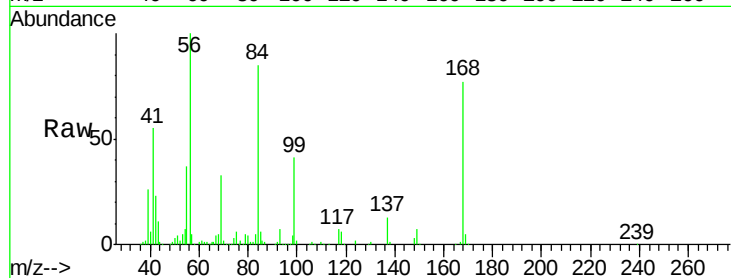
#31
Cyclohexane
Concen: 47.577 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.8	37.2
84	83.3	65.2	97.8

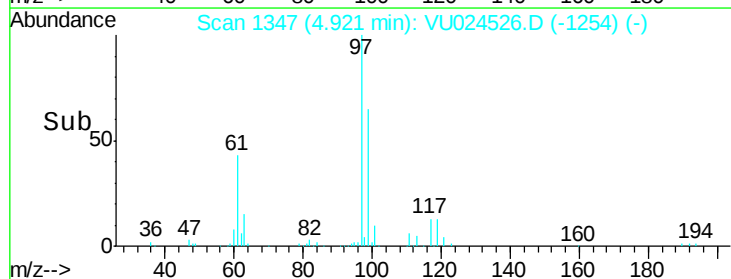
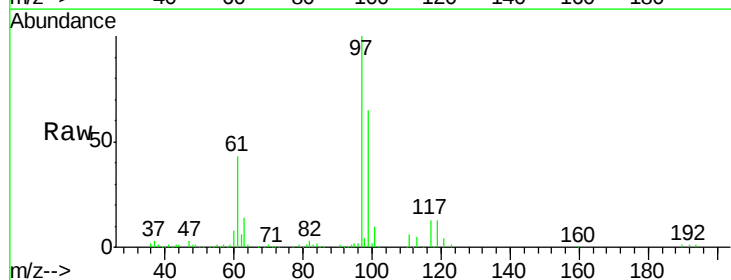
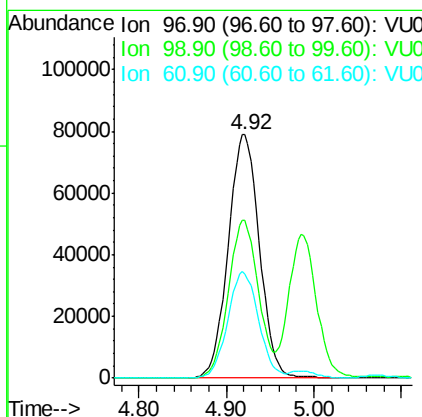
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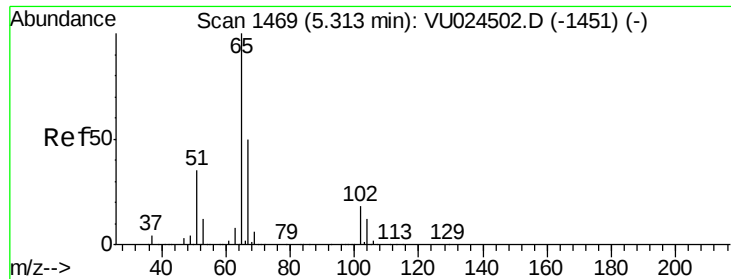
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#32
1,1,1-Trichloroethane
Concen: 44.268 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.0	76.6
61	43.6	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 42.559 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 134711

Ion Ratio Lower Upper

65 100

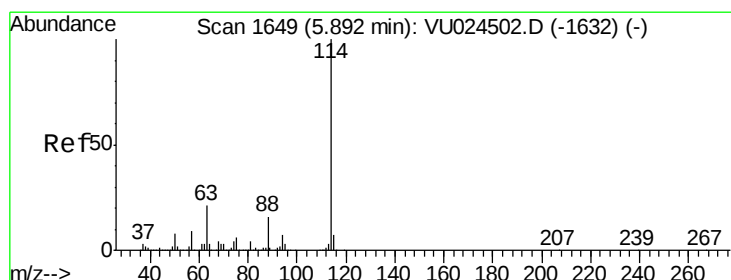
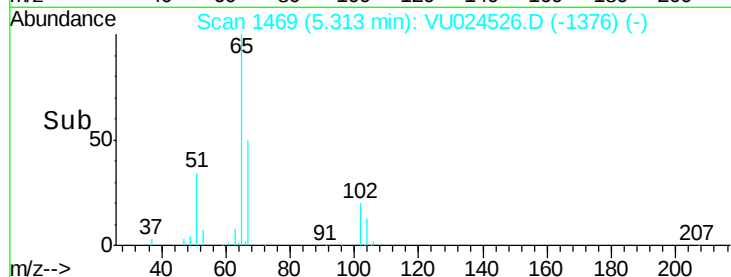
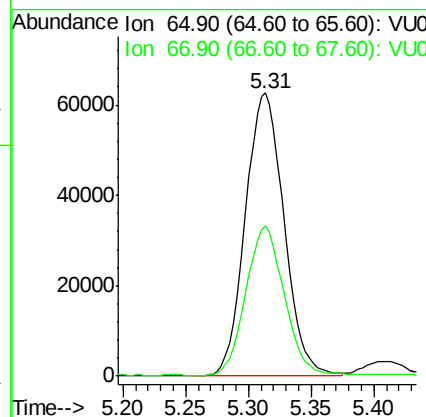
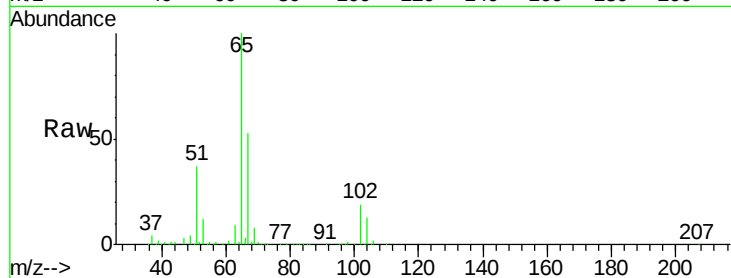
67 52.6 0.0 107.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

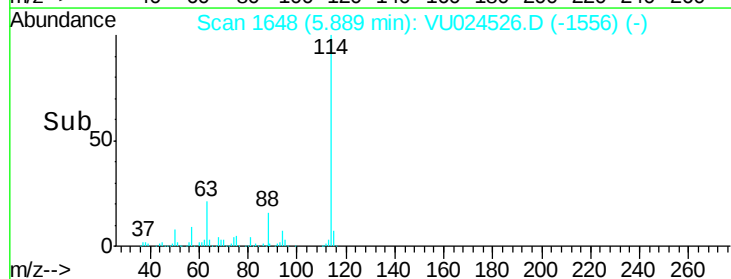
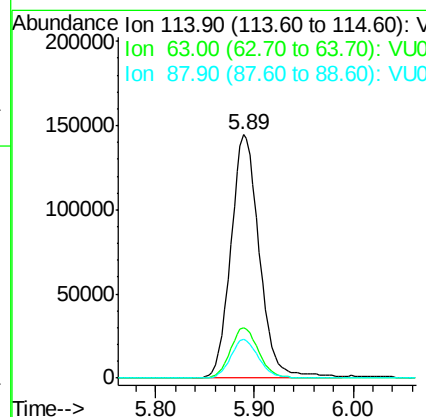
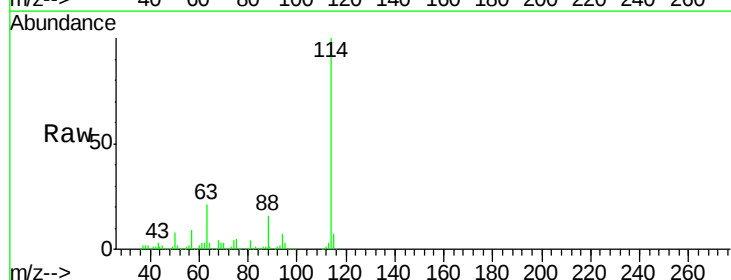
Tgt Ion: 114 Resp: 292564

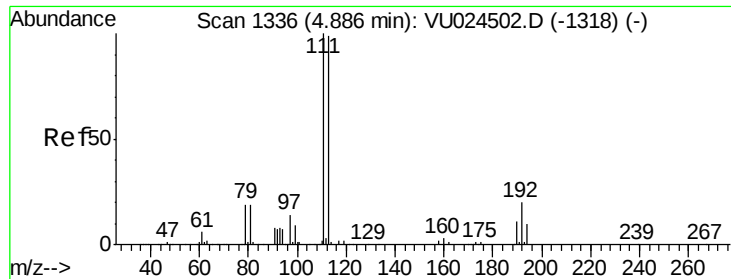
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.4

88 15.8 0.0 31.0





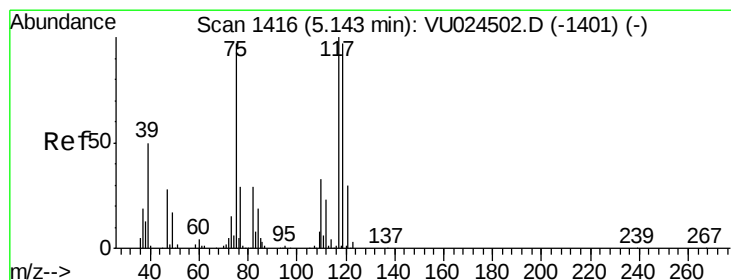
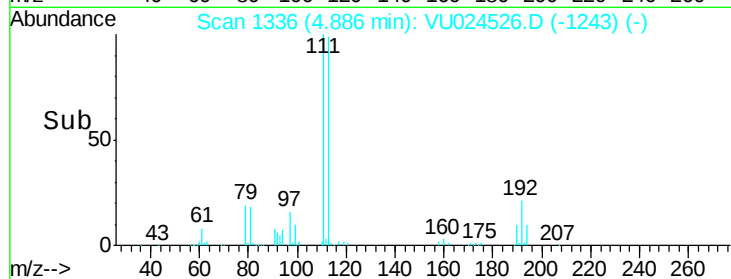
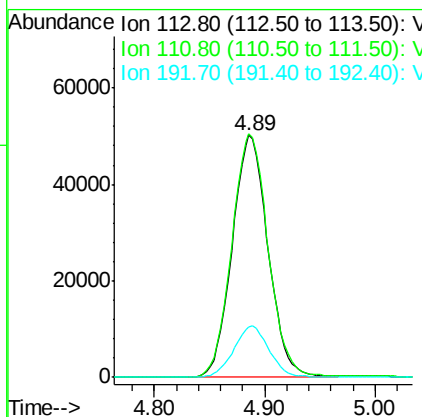
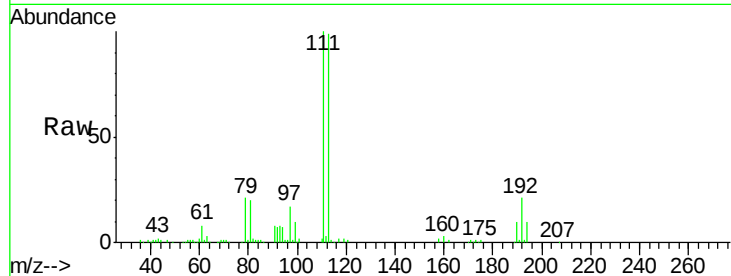
#35
 Dibromofluoromethane
 Concen: 46.372 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112594		
111	102.5	82.2	123.4	
192	20.9	16.2	24.4	

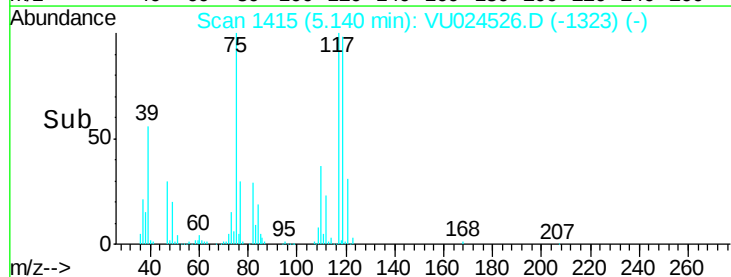
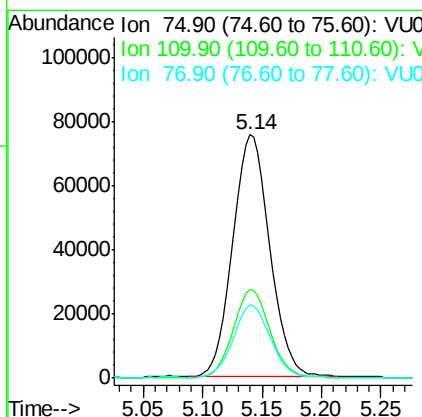
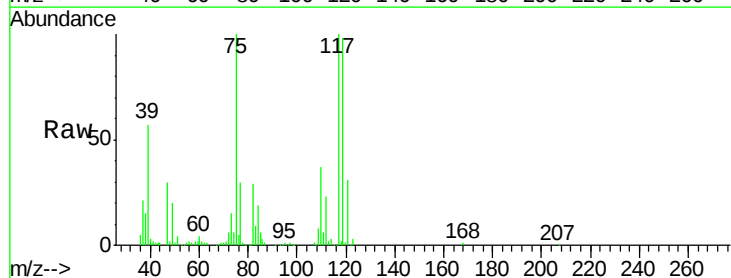
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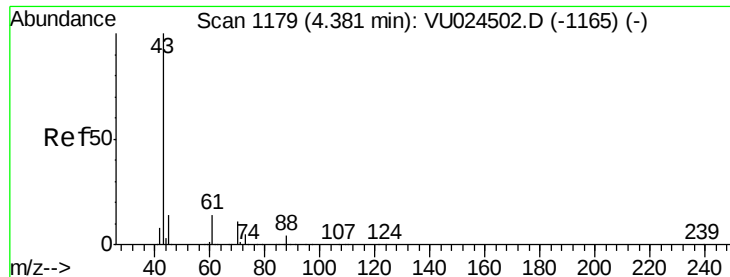
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#36
 1,1-Dichloropropene
 Concen: 47.305 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	162629		
110	37.0	17.0	50.9	
77	30.1	24.2	36.4	





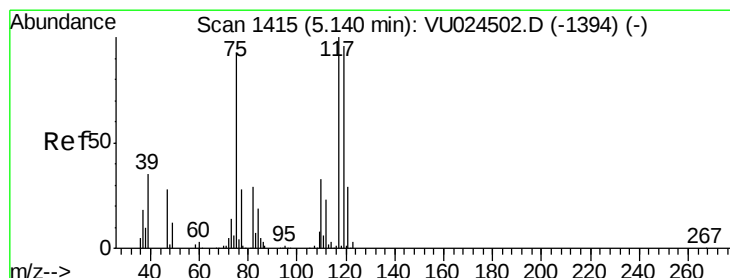
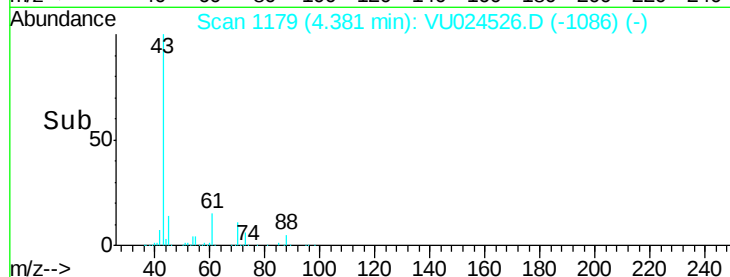
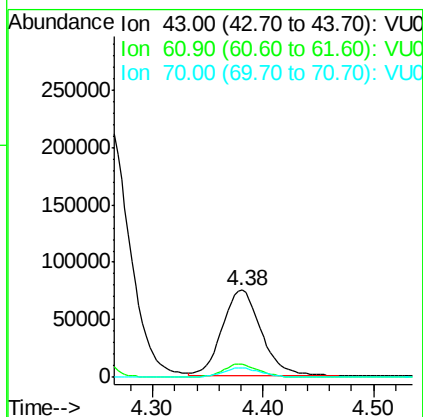
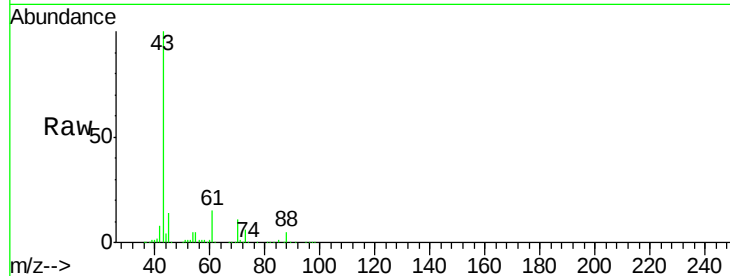
#37
Ethyl Acetate
Concen: 48.948 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.5	15.7
70	10.5	7.4	11.2

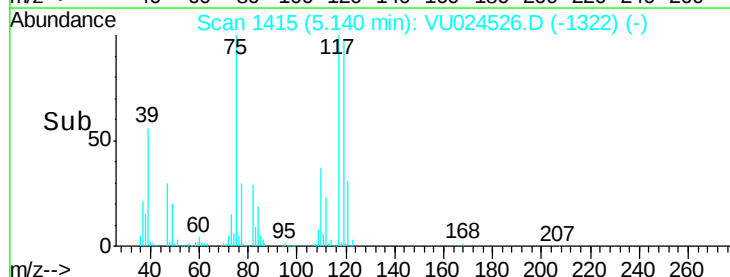
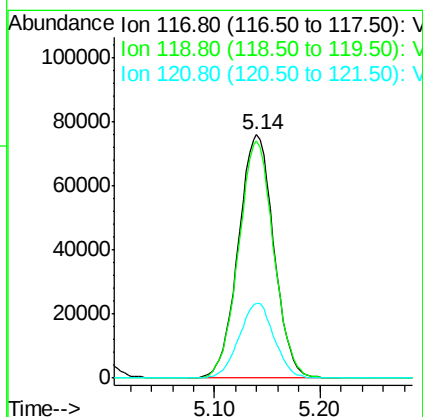
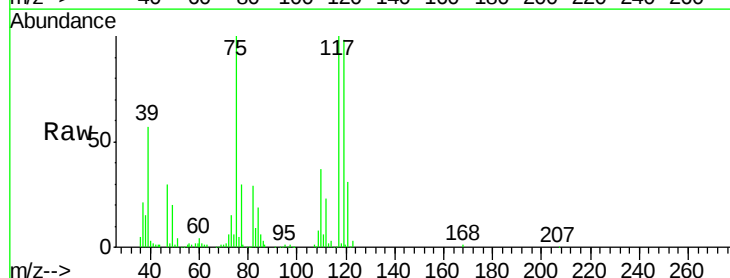
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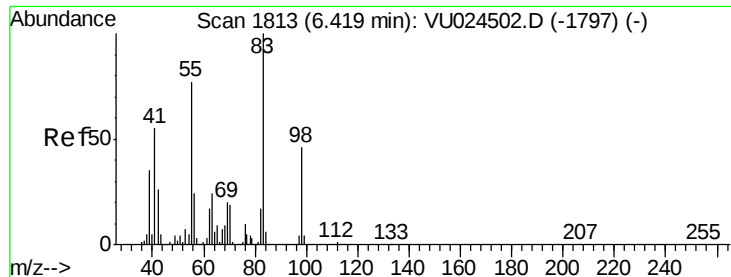
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#38
Carbon Tetrachloride
Concen: 46.931 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.1	114.1
121	30.7	23.7	35.5





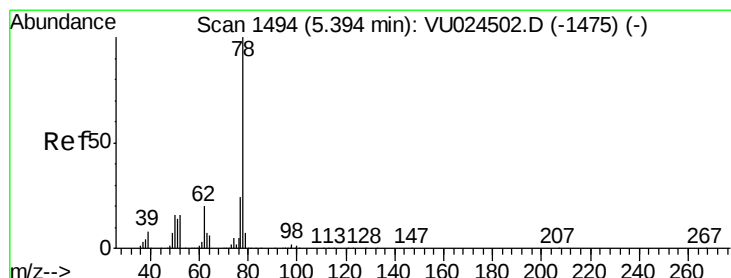
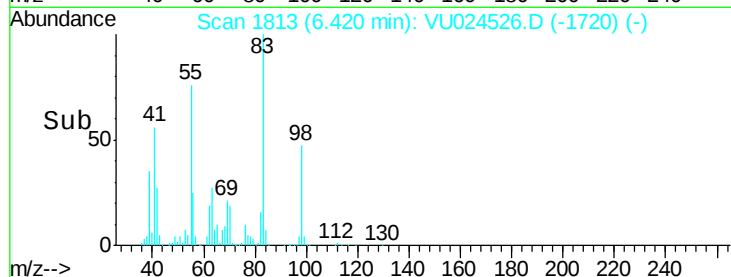
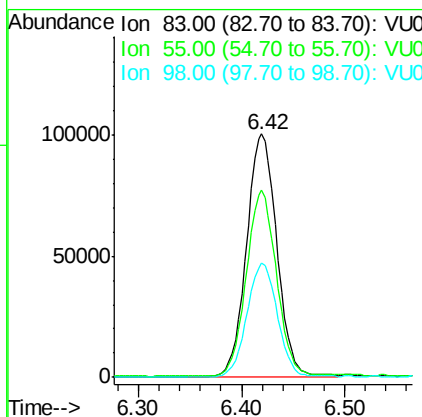
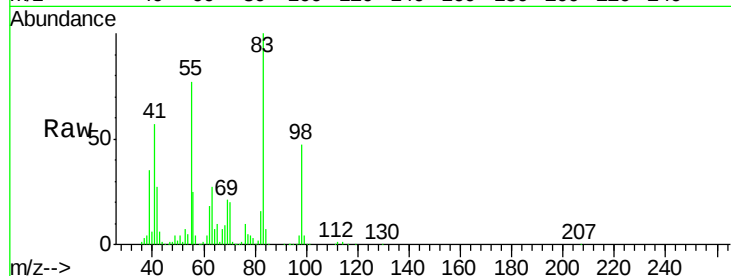
#39
Methvlcvclohexane
Concen: 47.695 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	65.8	98.6
98	46.6	36.7	55.1

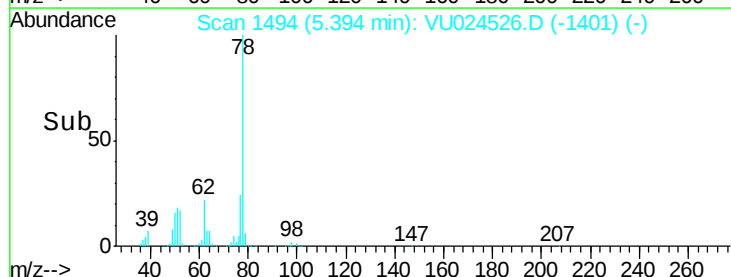
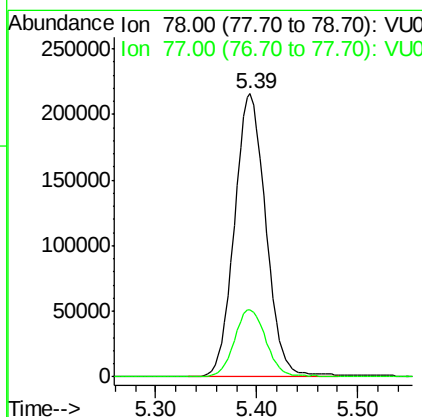
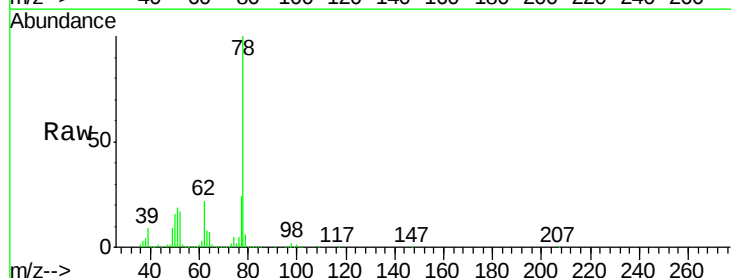
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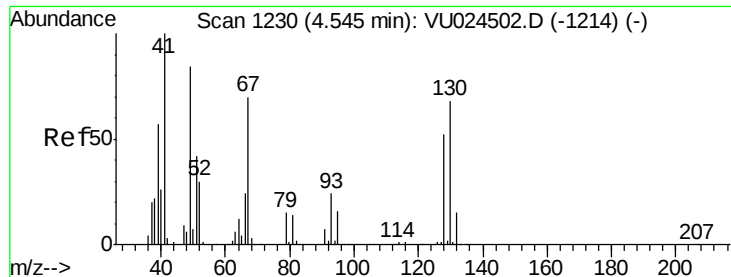
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#40
Benzene
Concen: 47.655 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





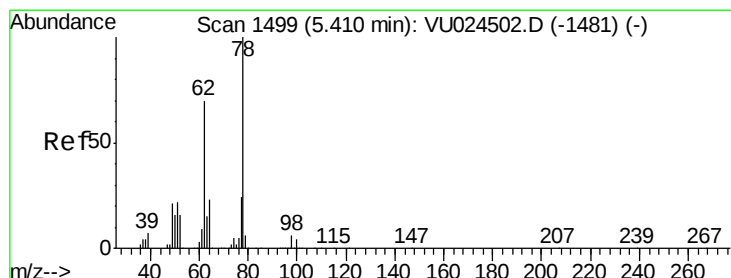
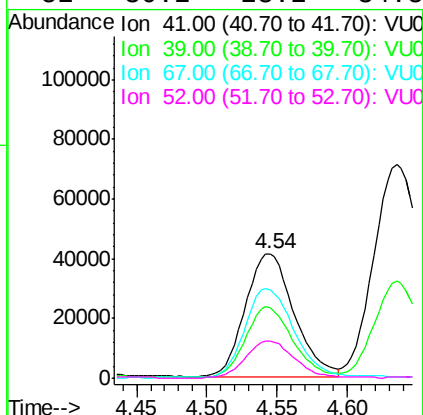
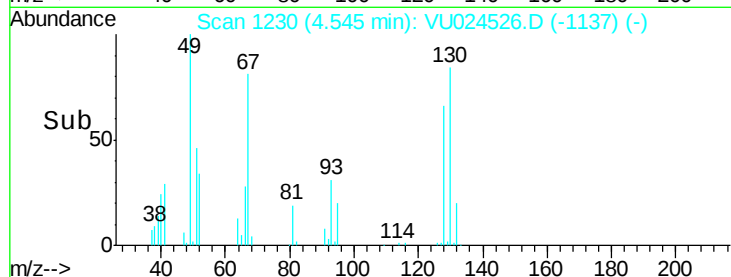
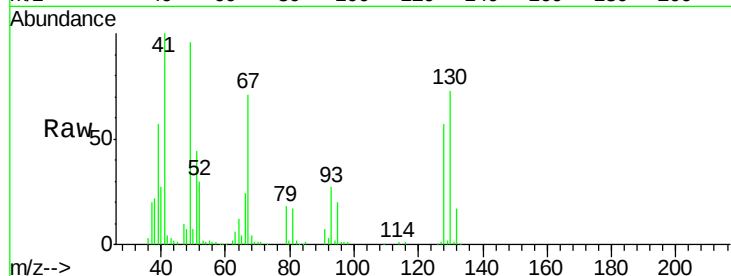
#41
Methacrylonitrile
Concen: 48.879 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	43.8	65.6	
67	73.8	56.3	84.5	
52	30.2	23.2	34.8	

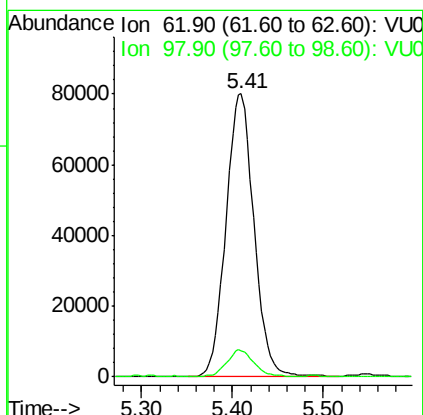
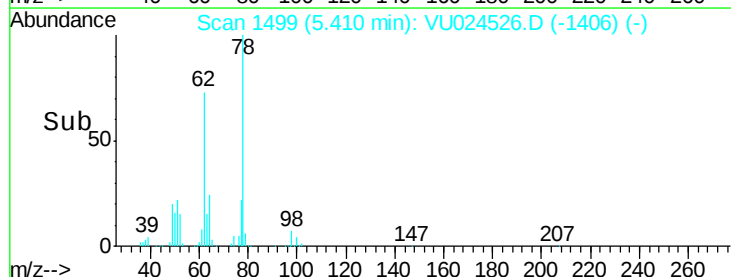
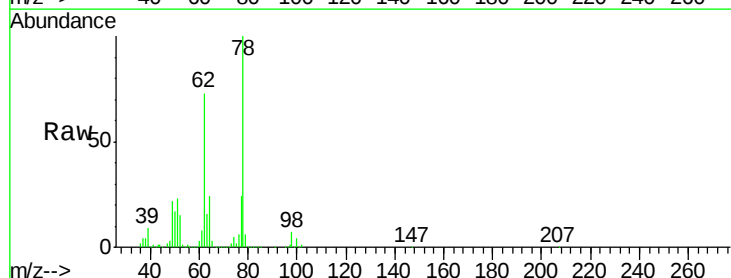
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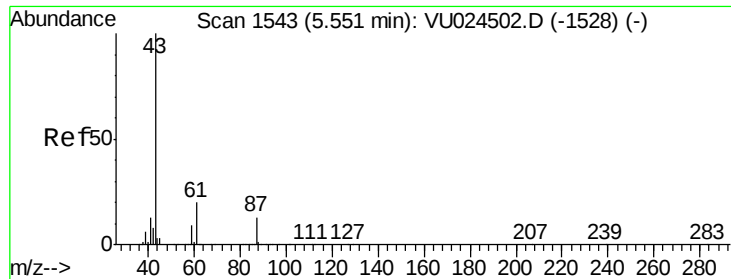
apatel
6/15/2018 3:15:57 PM



#42
1,2-Dichloroethane
Concen: 45.998 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	16.6	





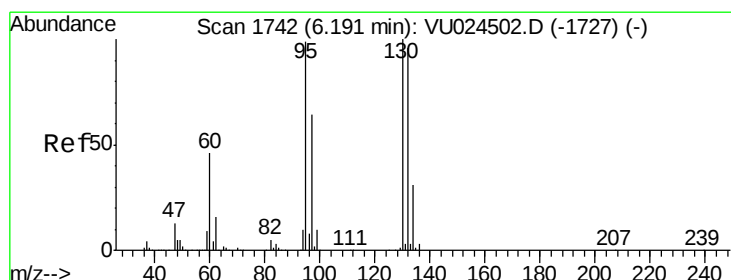
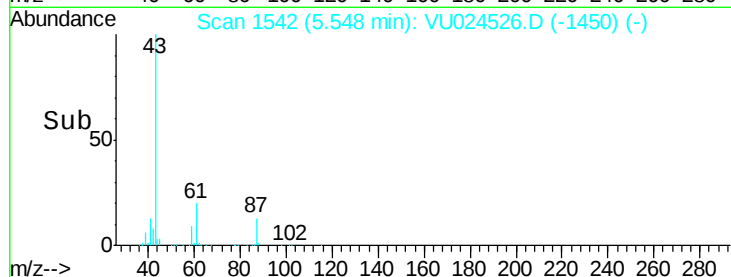
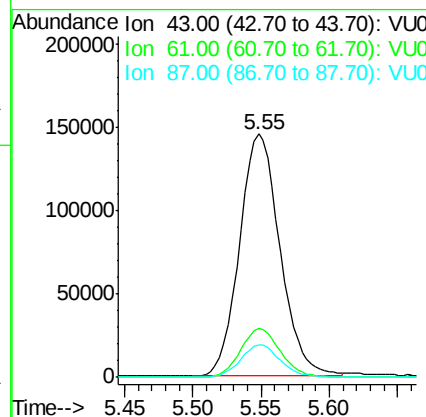
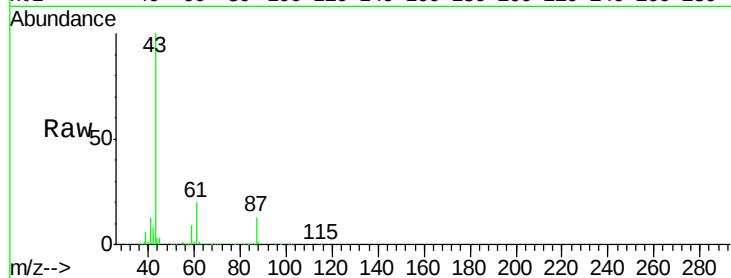
#43
Isopropyl Acetate
Concen: 46.224 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	299387
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	13.3	10.0	15.0

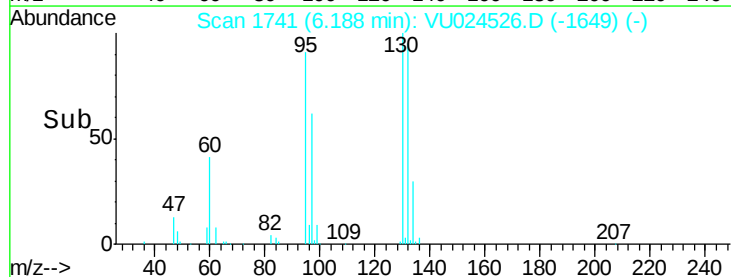
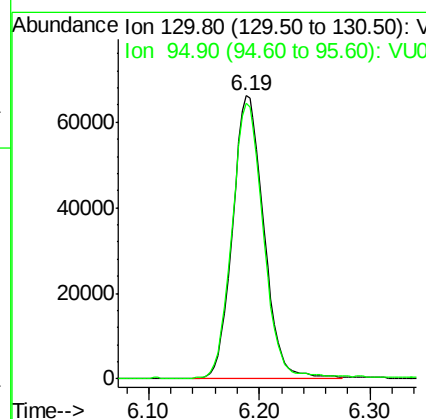
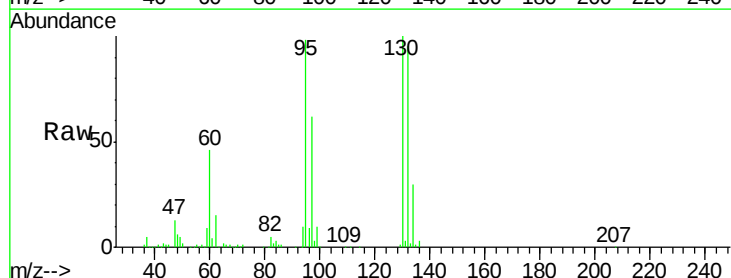
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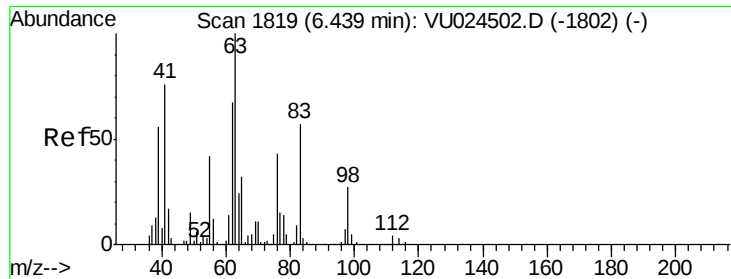
apatel
6/15/2018 3:15:57 PM



#44
Trichloroethene
Concen: 46.661 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion:	130	Resp:	130087
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	202.4





#45

1,2-Dichloropropane

Concen: 48.390 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 126483

Ion Ratio Lower Upper

63 100

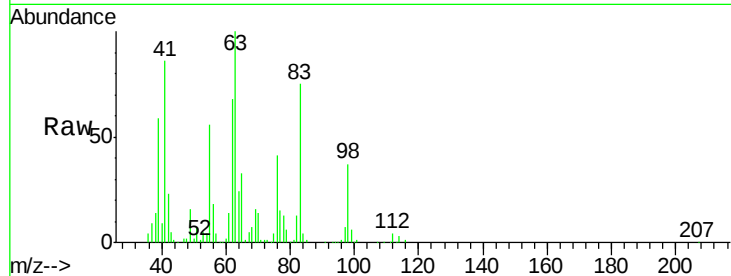
65 33.0 24.8 37.2

Manual Integrations

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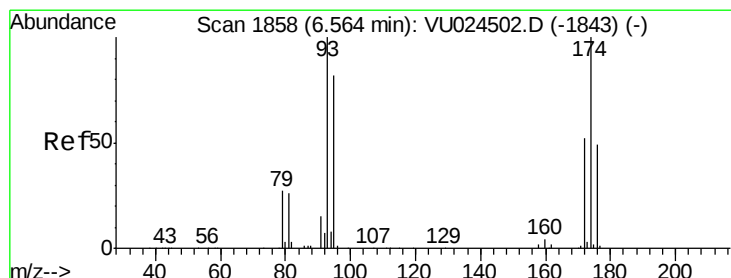
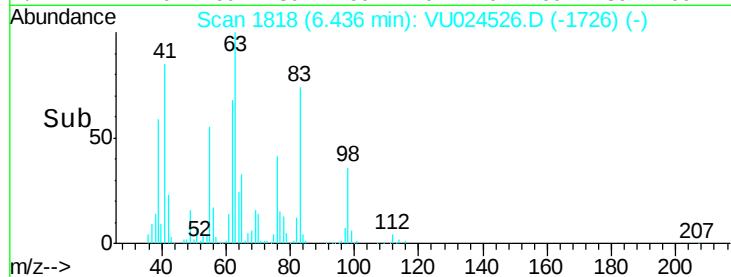
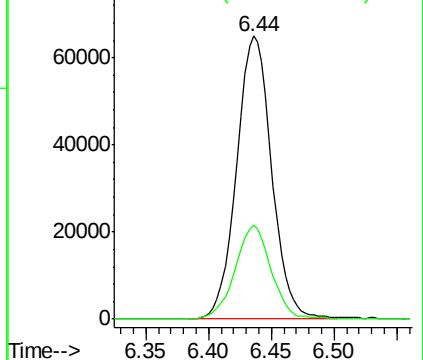
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 48.807 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

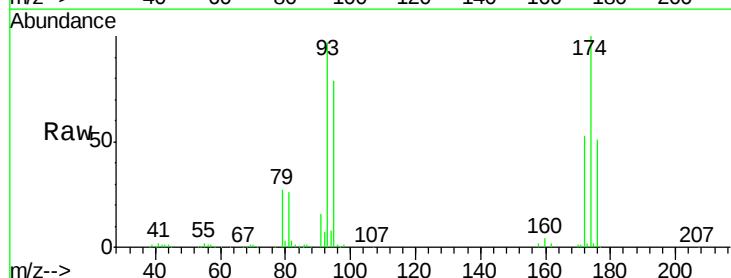
Tgt Ion: 93 Resp: 89608

Ion Ratio Lower Upper

93 100

95 81.7 65.5 98.3

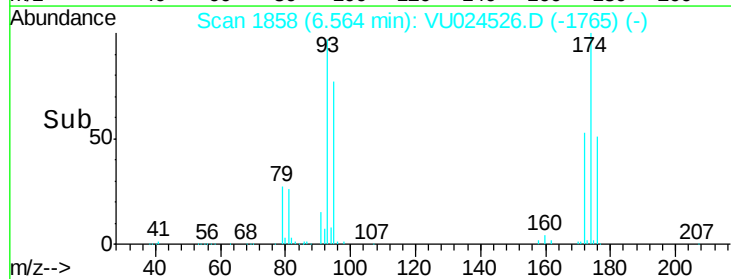
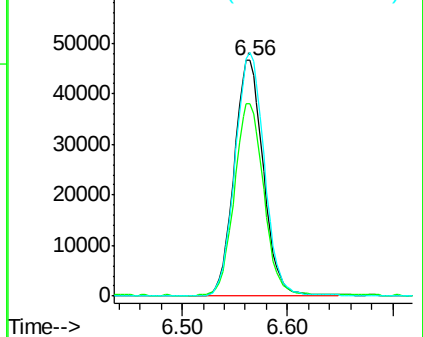
174 103.1 78.7 118.1

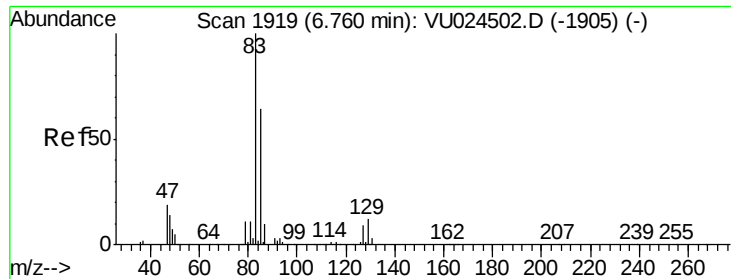


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.818 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

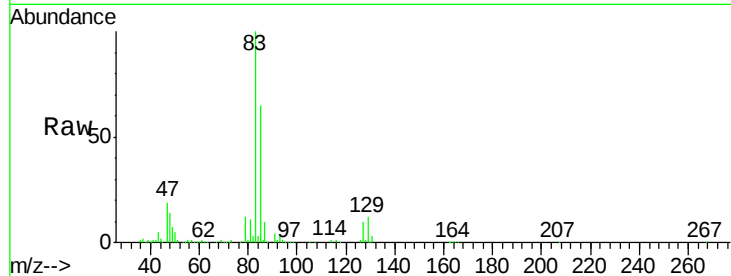
ClientSampleId :

VSTDCCC050

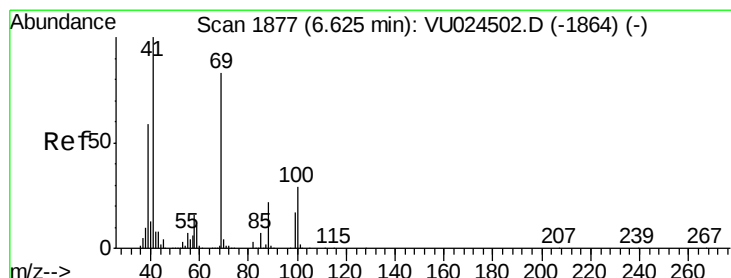
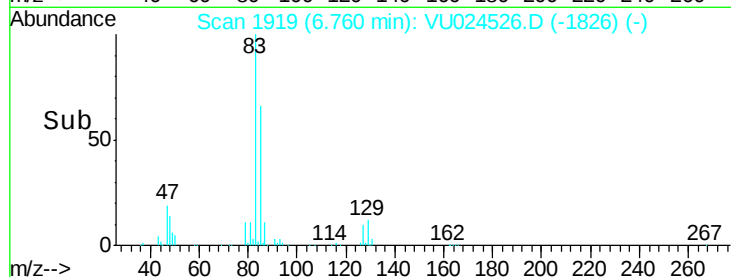
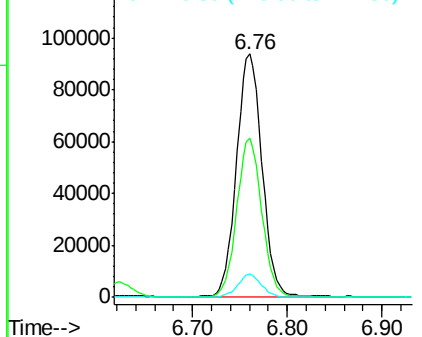
Tot Ion:	83	Resp:	174818
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.9	77.9
127	9.6	6.6	9.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.619 ug/l

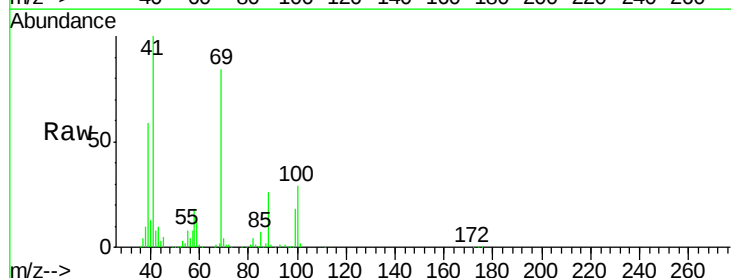
RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

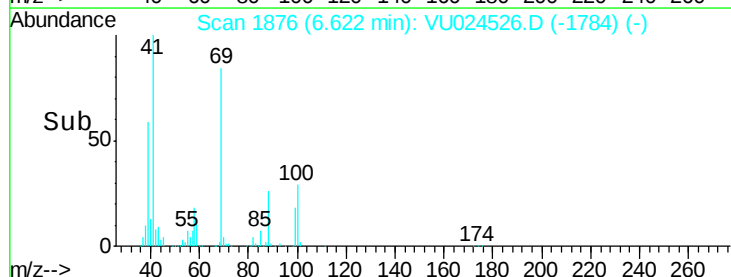
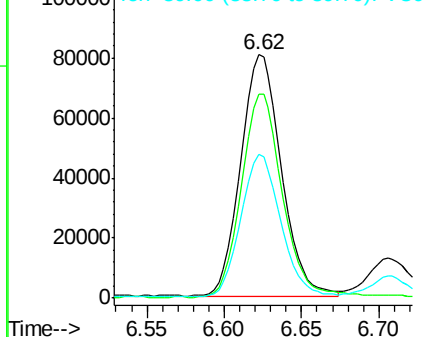
Lab File: VU024526.D

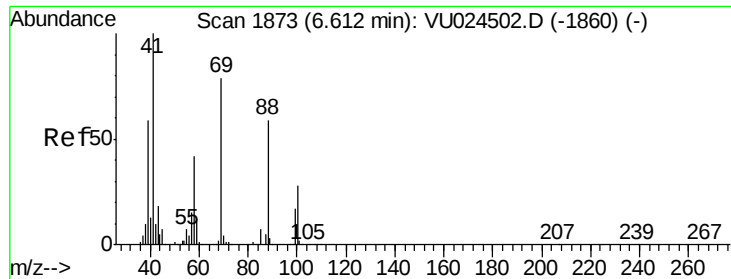
Acq: 14 Jun 2018 09:52

Tgt Ion:	41	Resp:	147029
Ion Ratio	Lower	Upper	
41	100		
69	85.5	67.3	100.9
39	58.1	46.5	69.7



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0





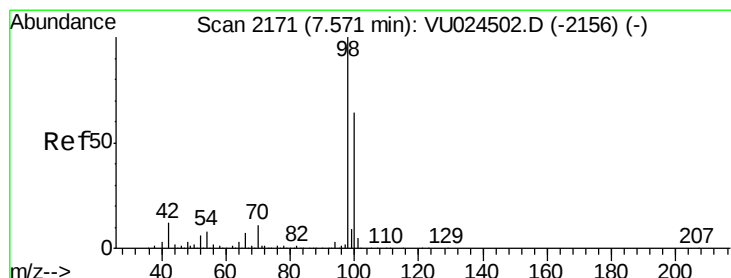
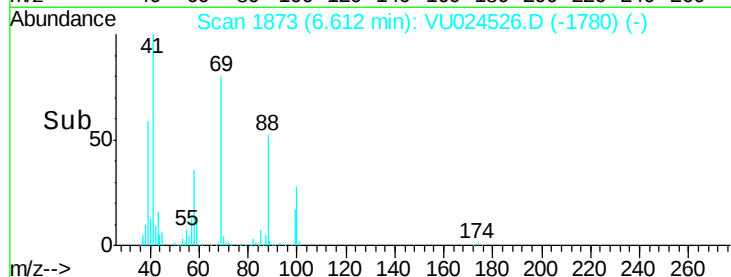
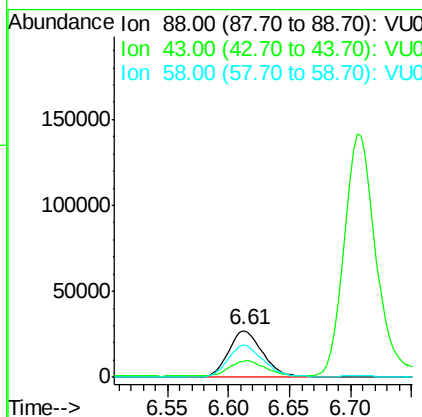
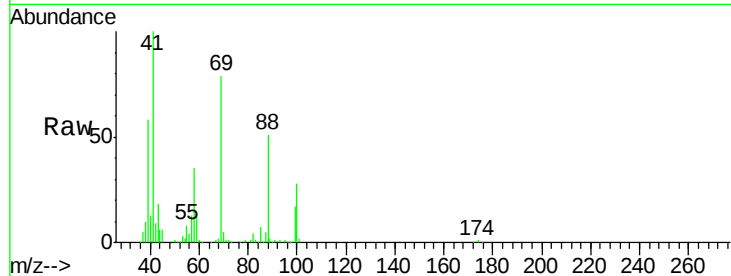
#49
1,4-Dioxane
Concen: 848.493 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.6	42.8
58	71.4	58.2	87.4

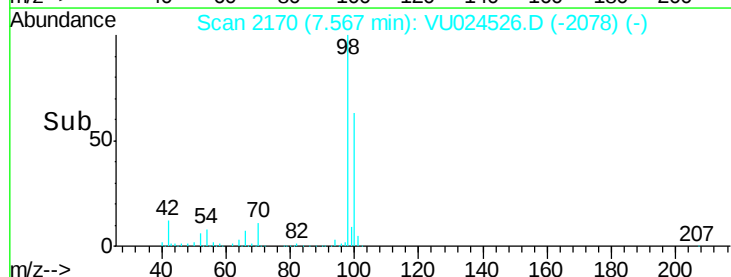
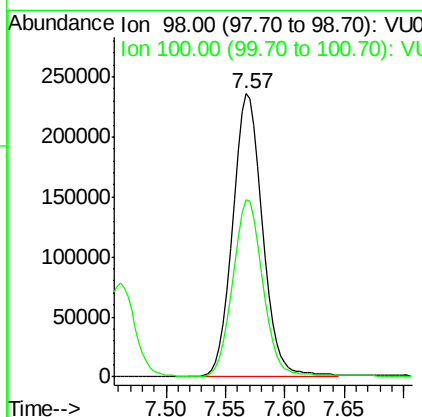
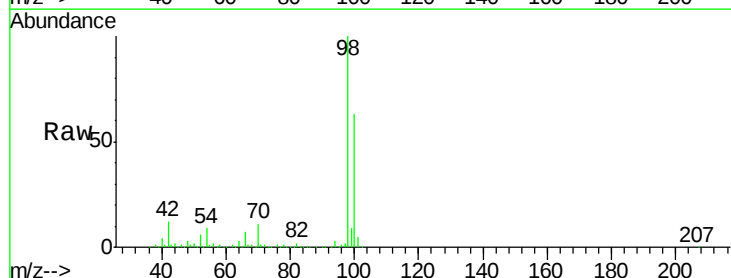
Manual Integrations
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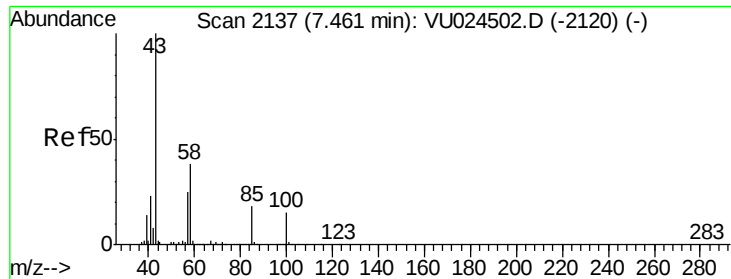
apatel
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#50
Toluene-d8
Concen: 46.397 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7





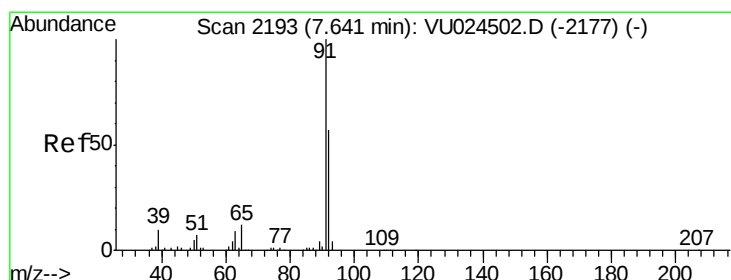
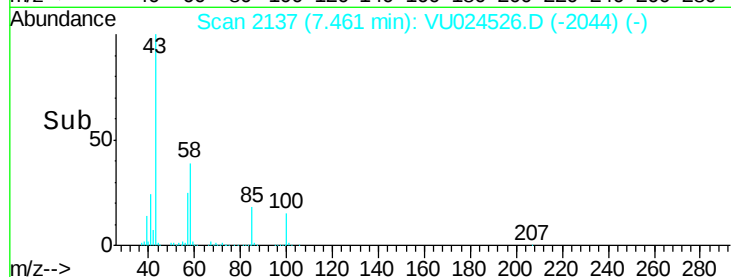
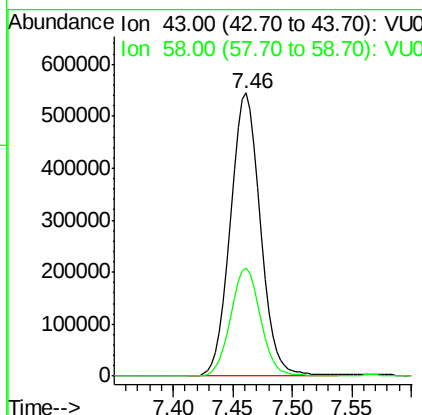
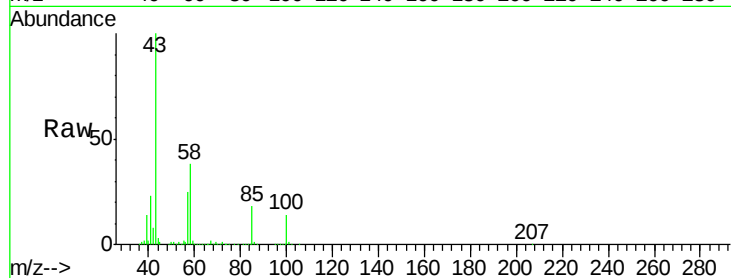
#51
4-Methyl-2-Pentanone
Concen: 233.022 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	948191
Ion Ratio	Lower	Upper	
43	100		
58	38.5	30.0	45.0

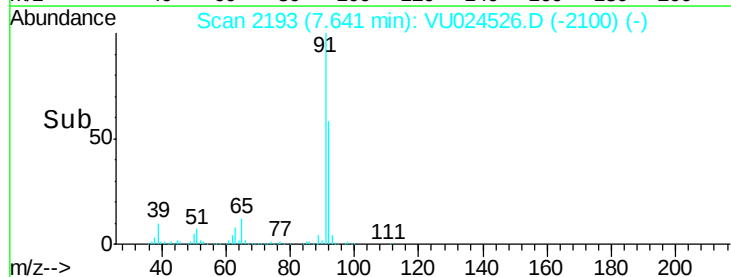
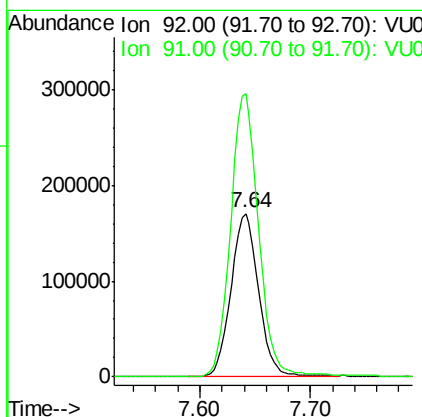
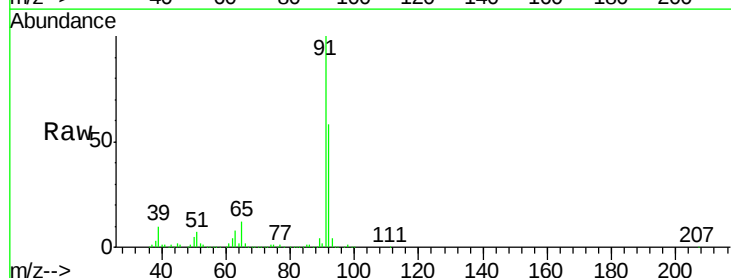
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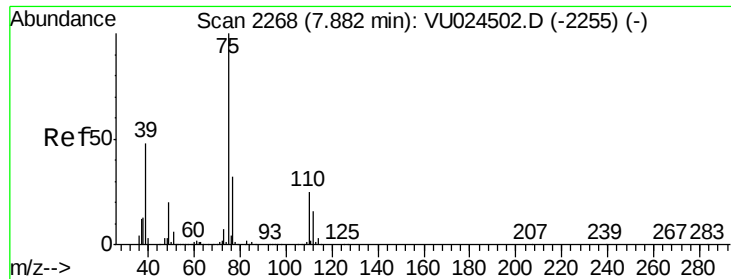
apatel
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#52
Toluene
Concen: 47.156 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	92	Resp	297197
Ion Ratio	Lower	Upper	
92	100		
91	177.1	140.5	210.7





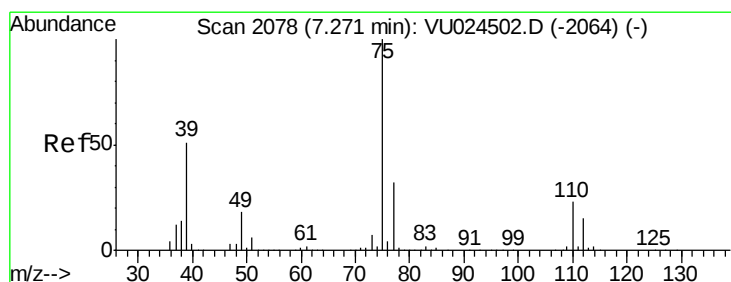
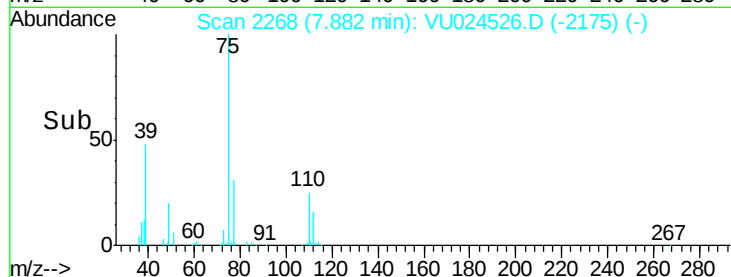
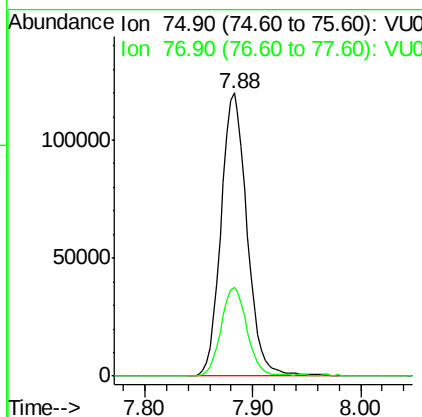
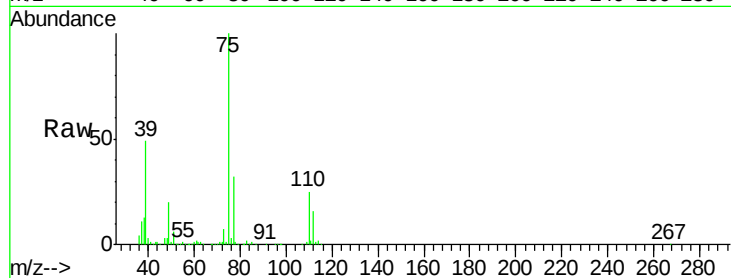
#53
t-1,3-Dichloropropene
Concen: 49.047 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2

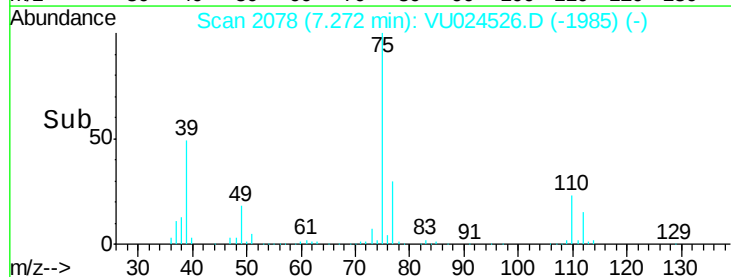
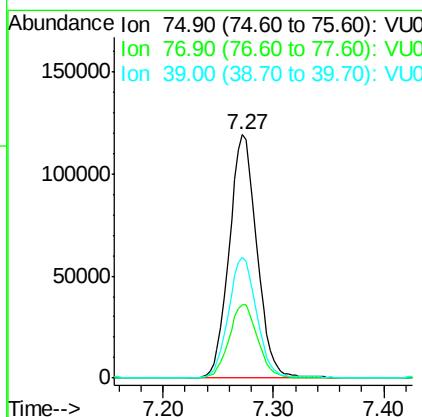
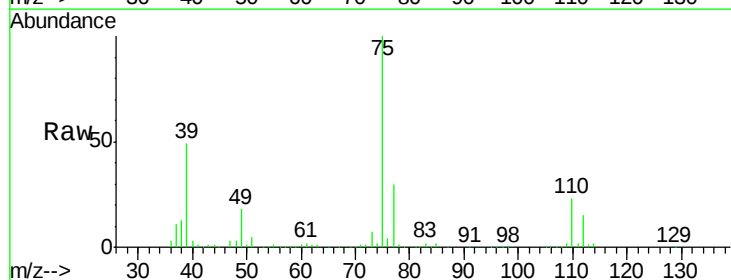
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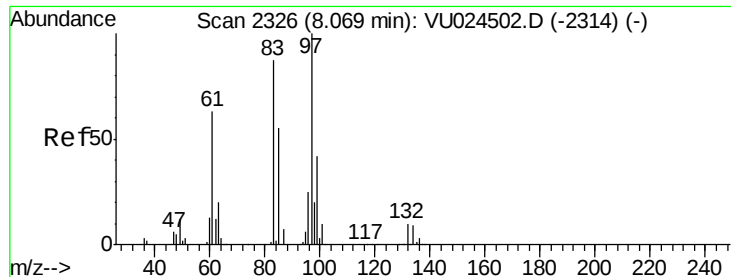
apatel
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#54
cis-1,3-Dichloropropene
Concen: 47.513 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.6	36.8
39	49.3	39.8	59.6





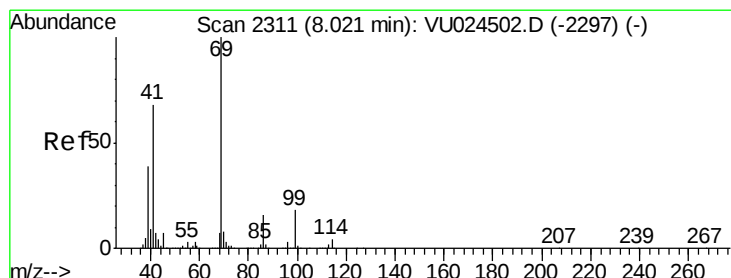
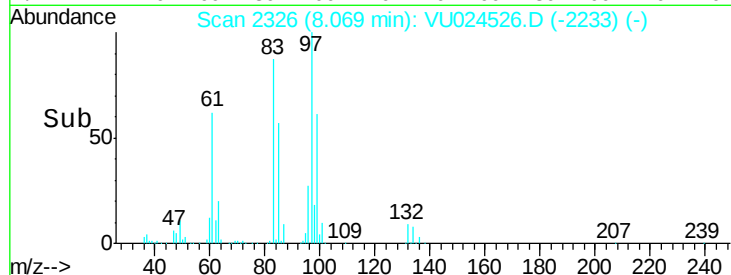
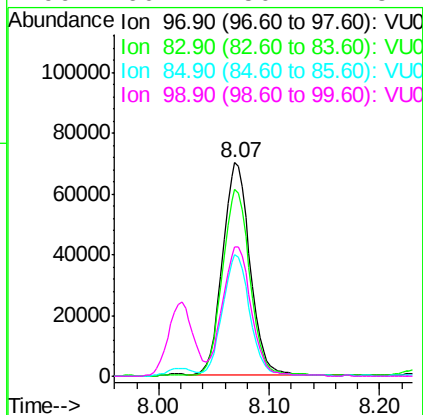
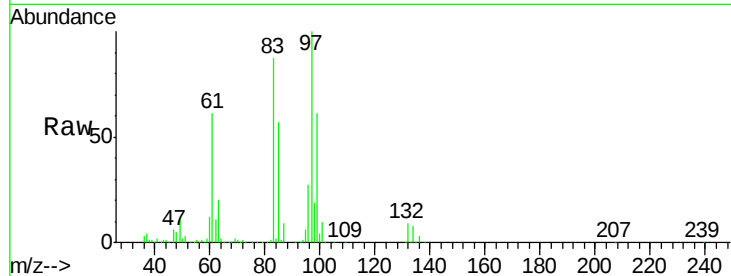
#55
 1,1,2-Trichloroethane
 Concen: 47.075 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		120598		
83	87.2		70.5	105.7	
85	56.9		46.4	69.6	
99	60.7		50.2	75.2	

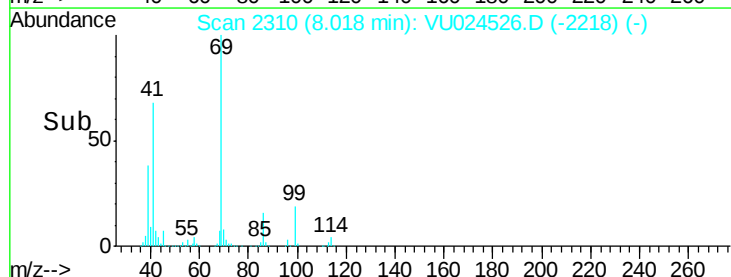
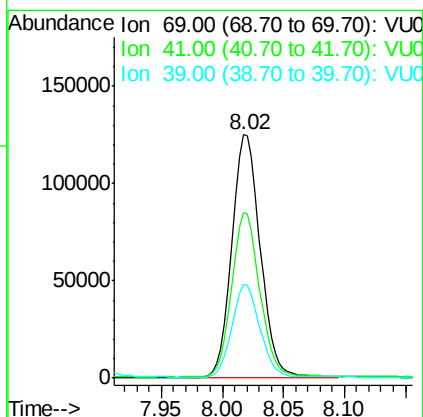
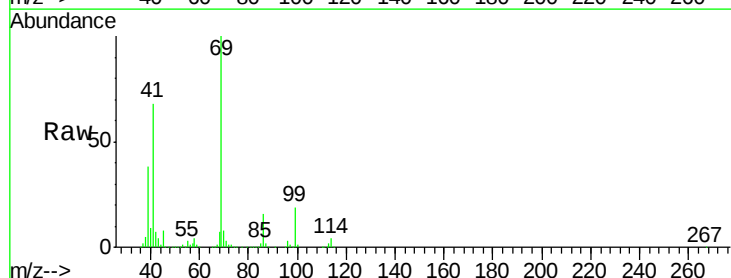
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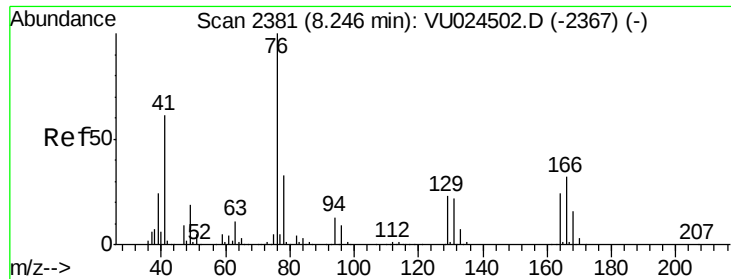
apatel
 6/15/2018 3:15:57 PM



#56
 Ethyl methacrylate
 Concen: 47.207 ug/l
 RT: 8.02 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		202419		
41	66.6		54.1	81.1	
39	37.9		30.3	45.5	





#57

1,3-Dichloropropane

Concen: 47.404 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 204864

Ion Ratio Lower Upper

76 100

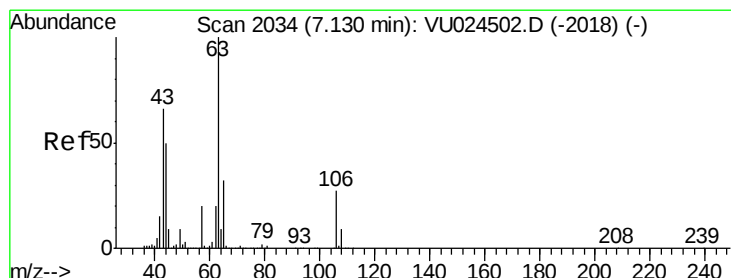
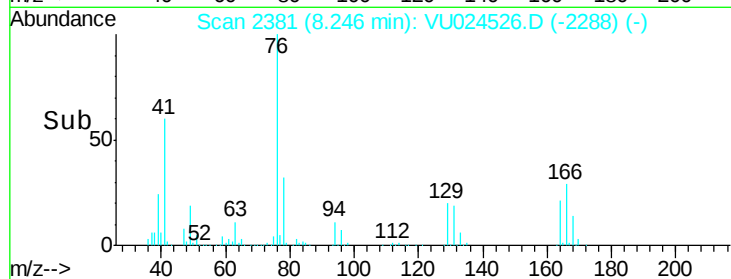
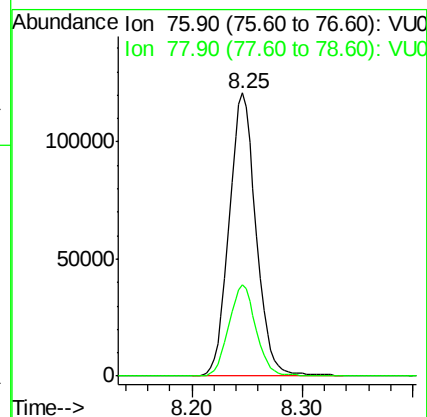
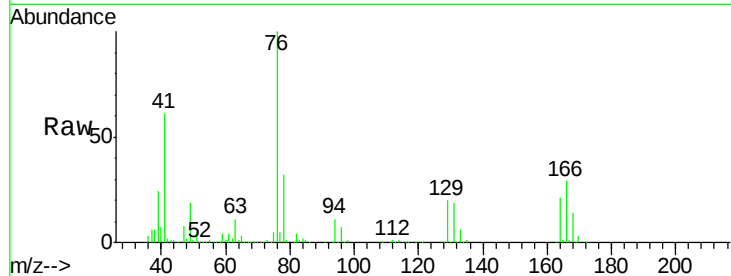
78 32.5 25.2 37.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 256.307 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024526.D

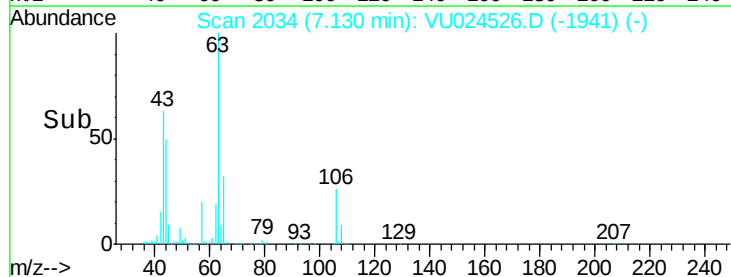
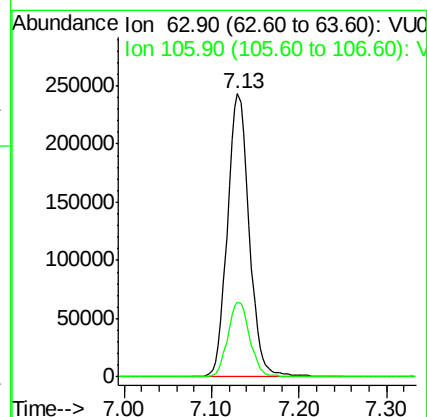
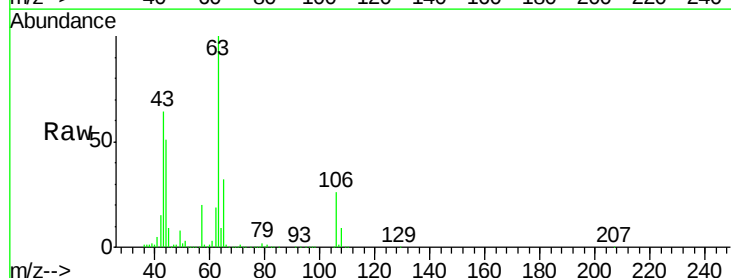
Acq: 14 Jun 2018 09:52

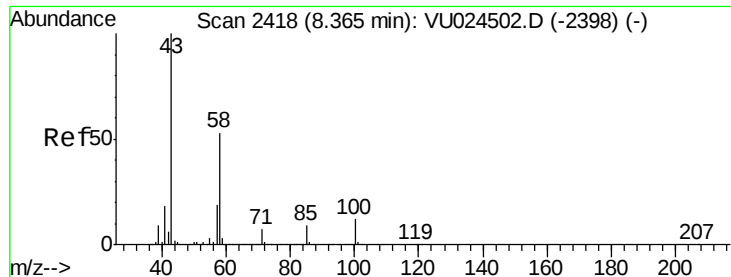
Tgt Ion: 63 Resp: 421038

Ion Ratio Lower Upper

63 100

106 26.7 20.2 30.2





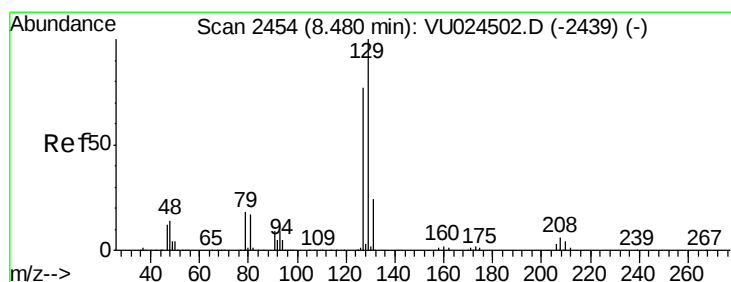
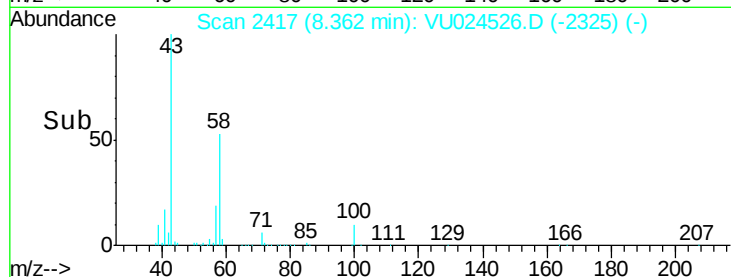
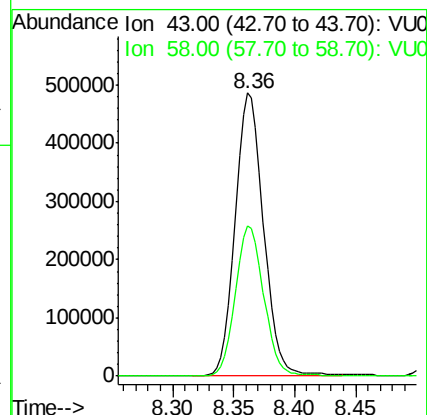
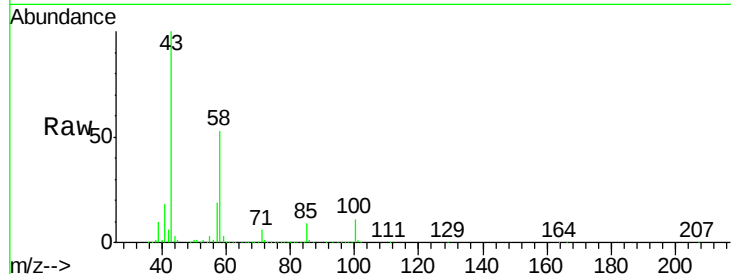
#59
2-Hexanone
Concen: 236.831 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 786761
Ion Ratio Lower Upper
43 100
58 53.4 26.4 79.0

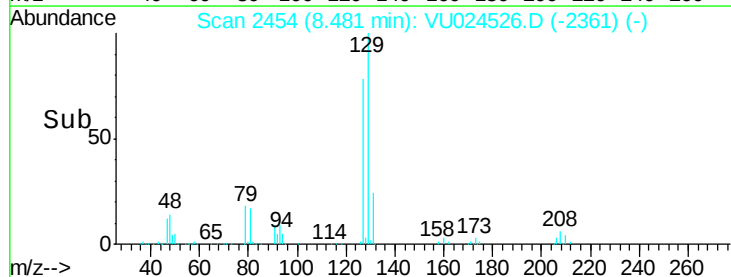
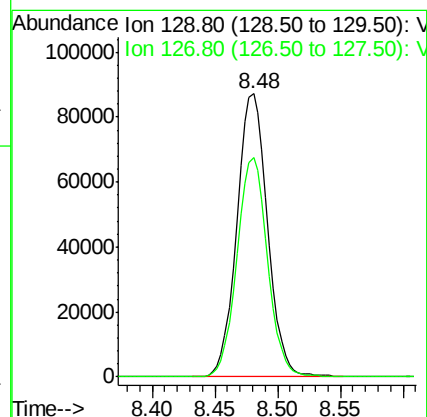
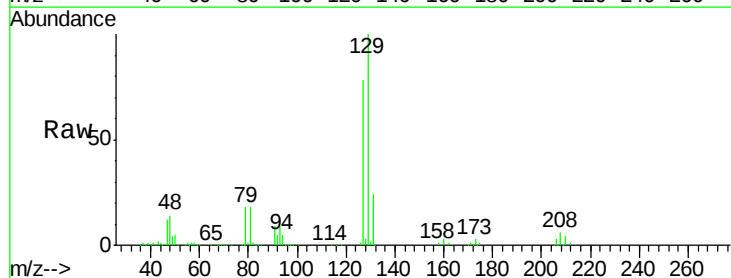
Manual Integrations
APPROVED

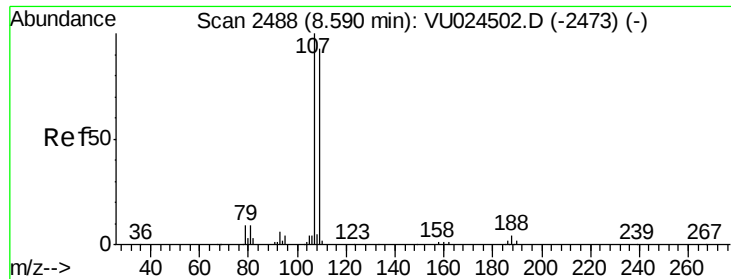
apatel
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#60
Dibromochloromethane
Concen: 46.407 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 129 Resp: 148255
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





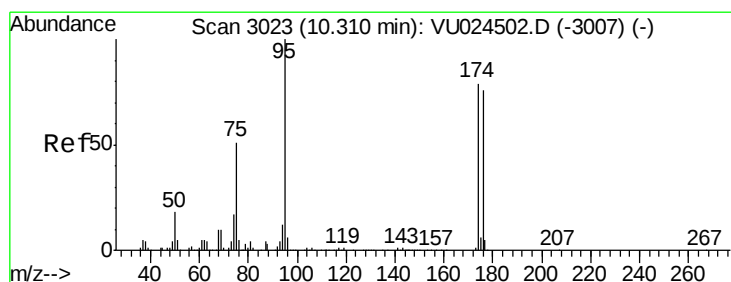
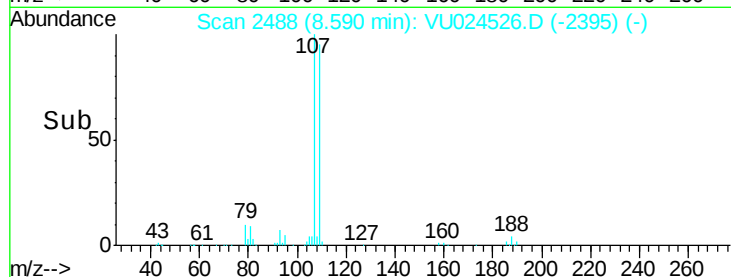
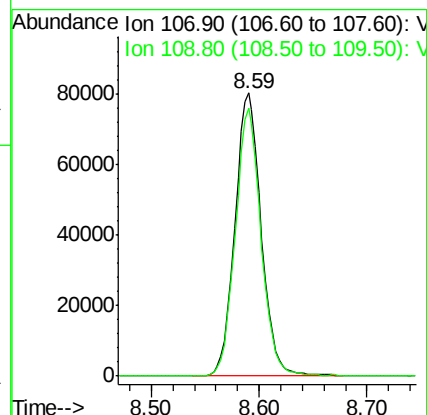
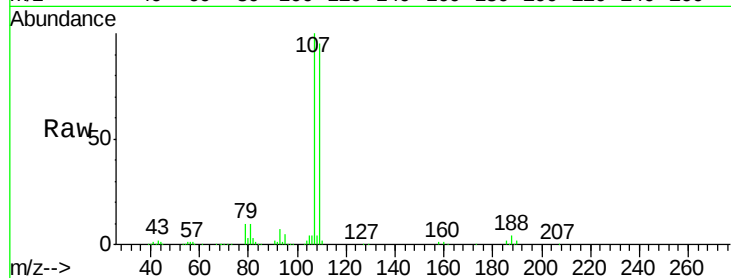
#61
 1,2-Dibromoethane
 Concen: 47.656 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.4	74.5	111.7

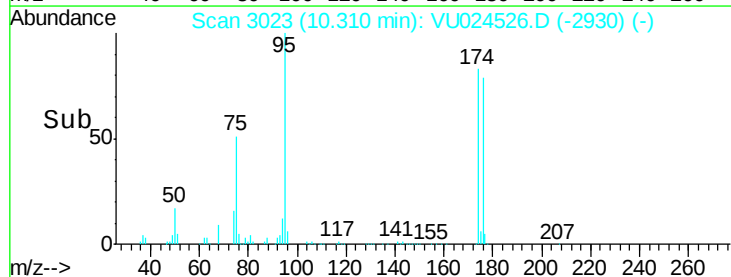
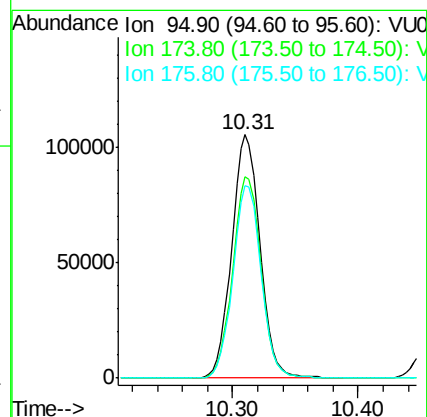
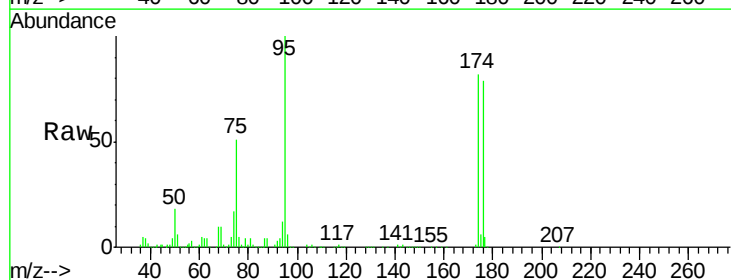
Manual Integrations
 APPROVED

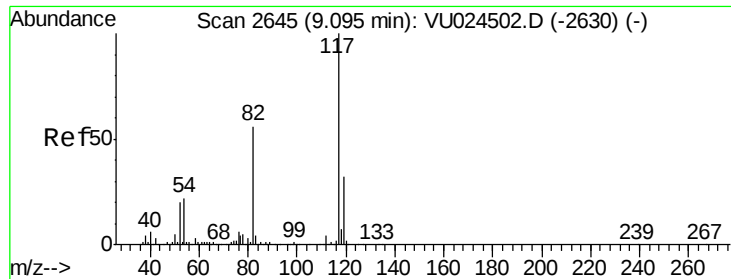
apatel
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#62
 4-Bromofluorobenzene
 Concen: 46.594 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	165.8
176	79.6	0.0	159.4





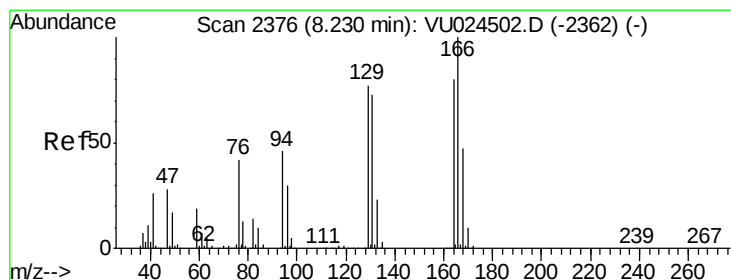
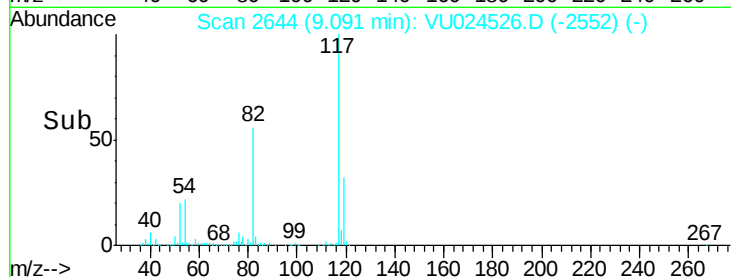
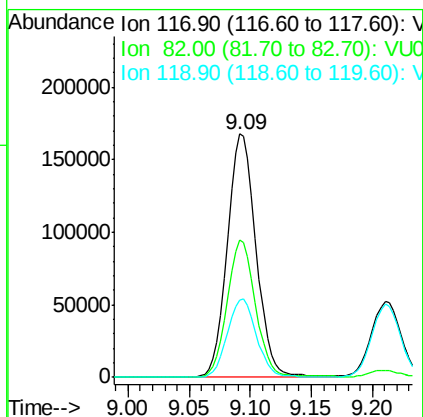
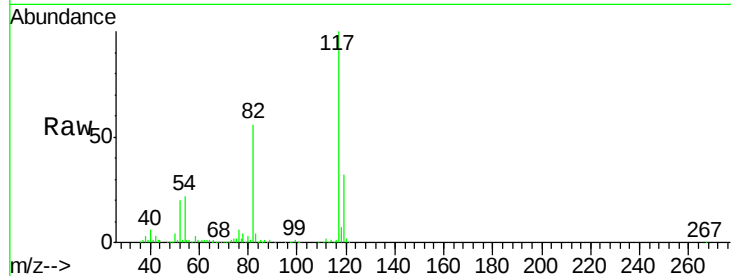
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	277906		
82	56.1		44.3	66.5
119	32.0		25.4	38.2

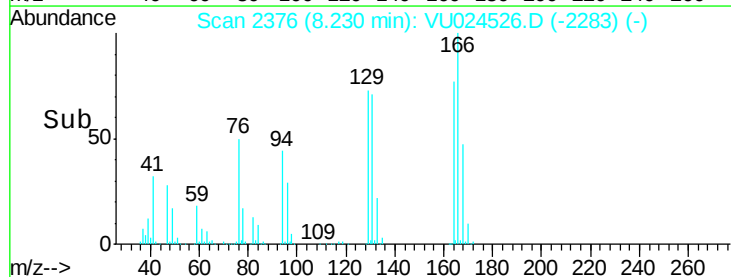
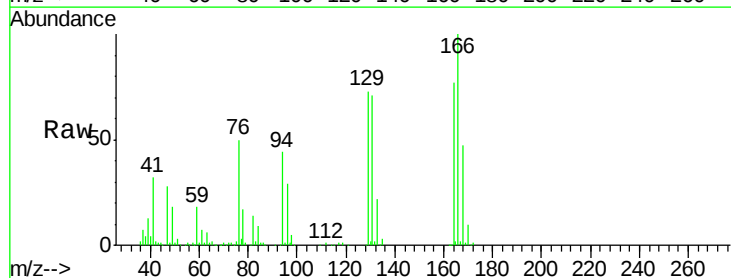
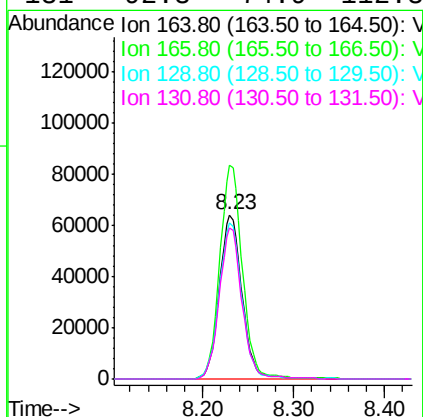
Manual Integrations
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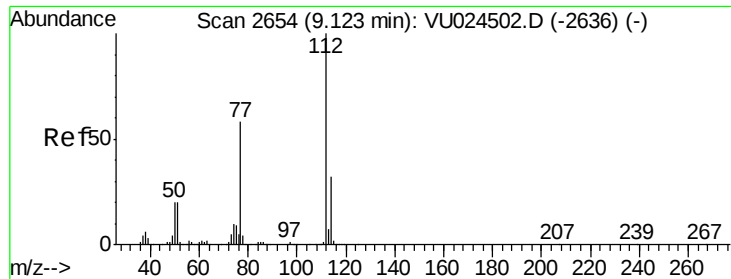
apatel
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#64
Tetrachloroethene
Concen: 42.172 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	111401		
166	130.0		101.7	152.5
129	94.9		76.9	115.3
131	92.3		74.9	112.3





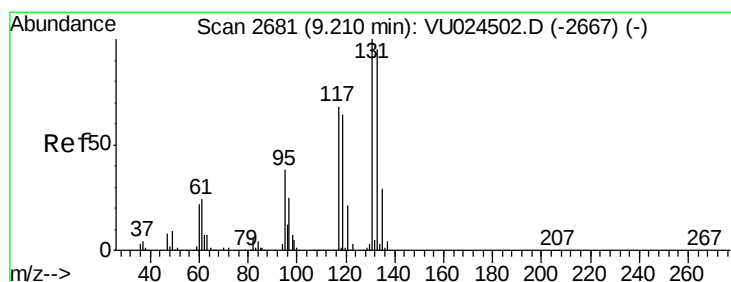
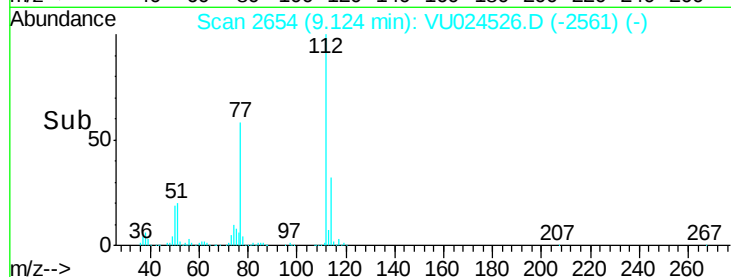
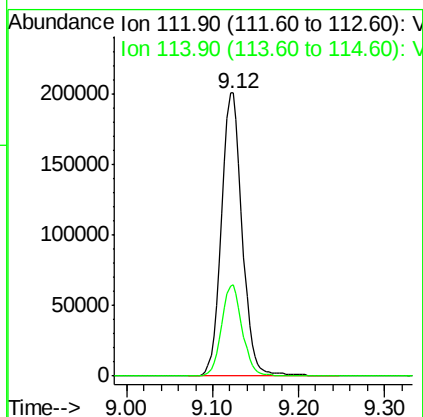
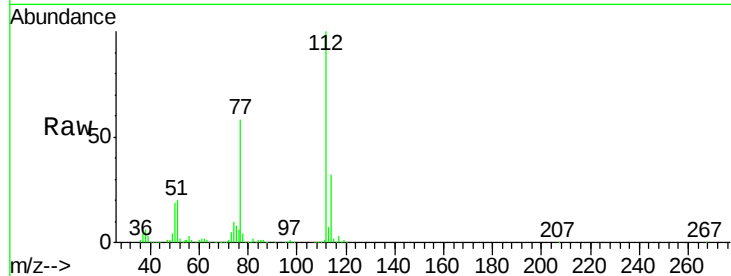
#65
Chlorobenzene
Concen: 47.609 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.6	38.4

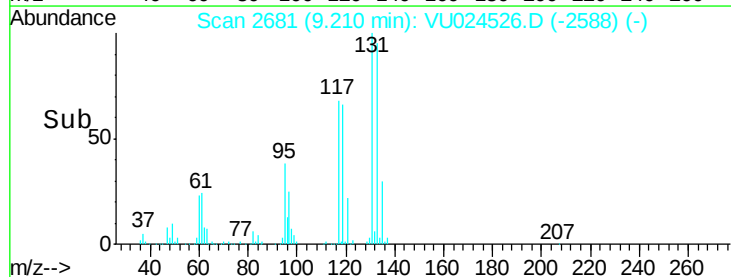
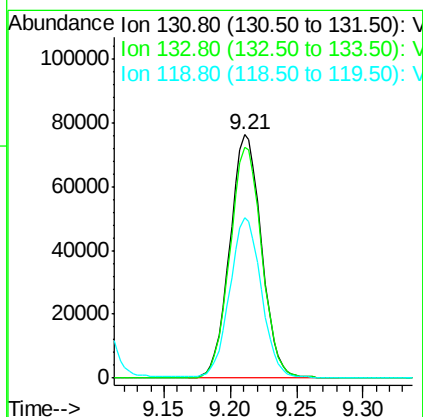
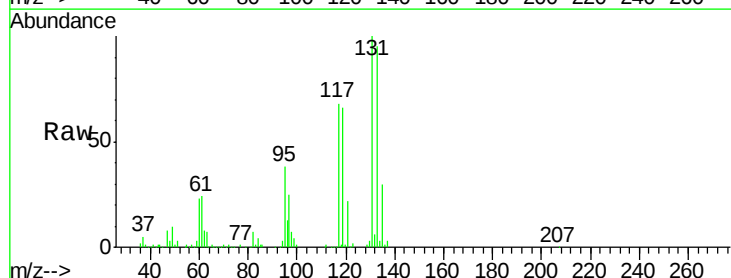
Manual Integrations
APPROVED

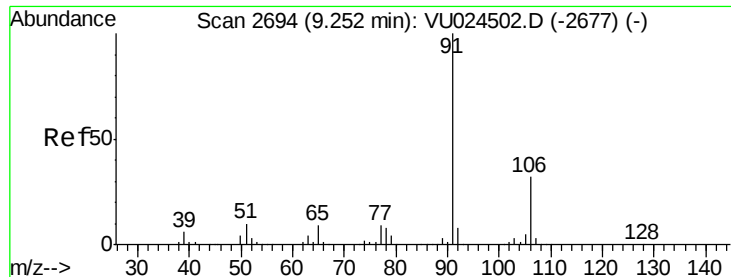
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.977 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	46.9	140.8
119	65.3	33.5	100.4





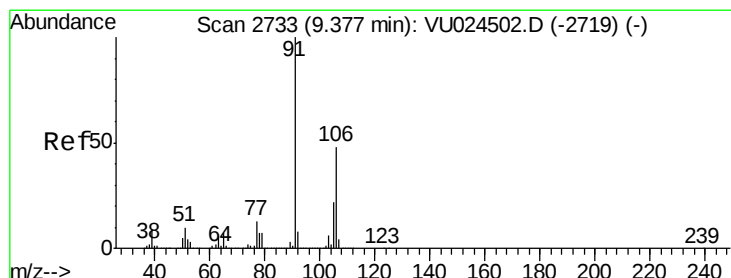
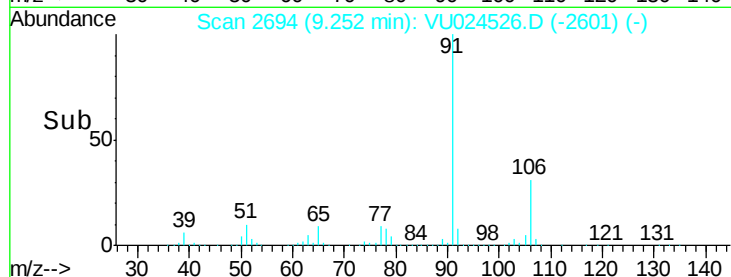
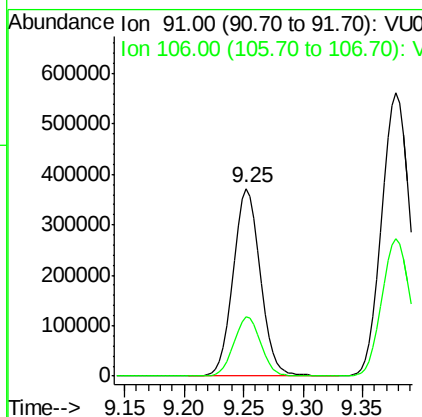
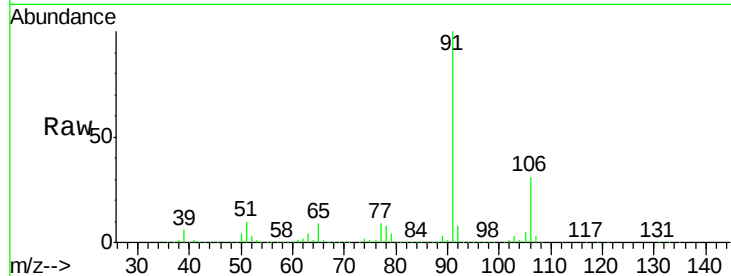
#67
Ethyl Benzene
Concen: 47.444 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 590491
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4

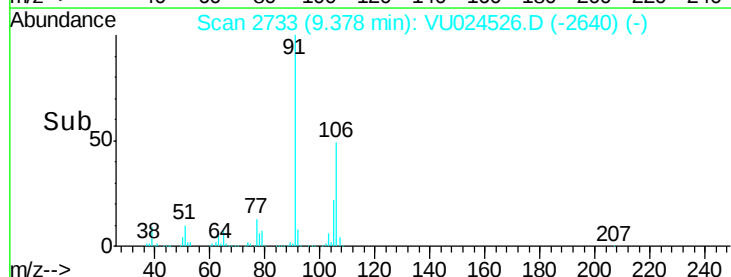
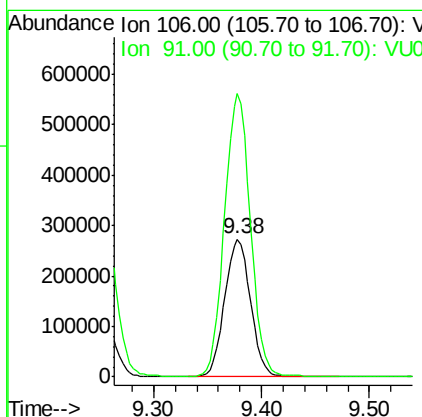
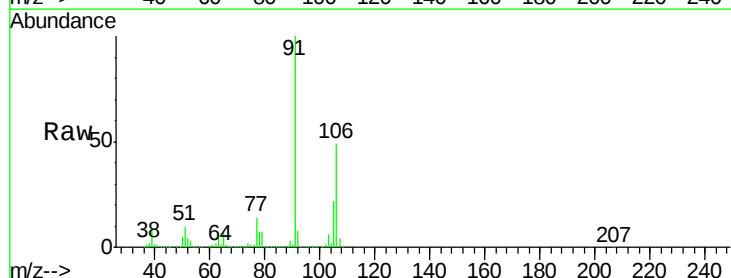
Manual Integrations
APPROVED

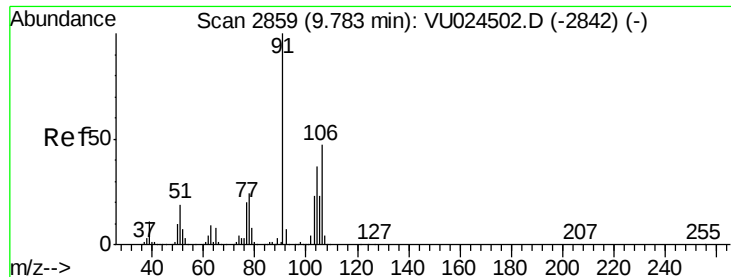
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#68
m/p-Xylenes
Concen: 95.401 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion: 106 Resp: 455944
Ion Ratio Lower Upper
106 100
91 205.8 166.5 249.7





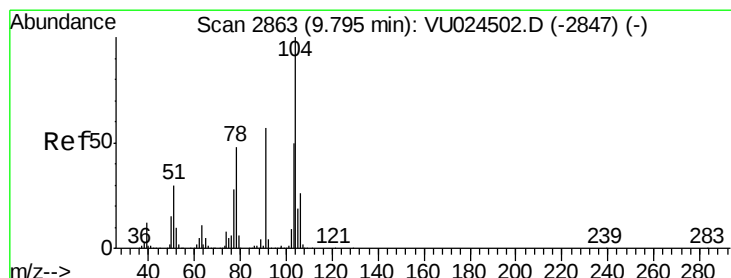
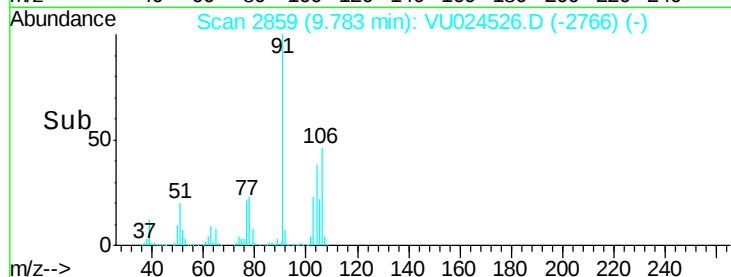
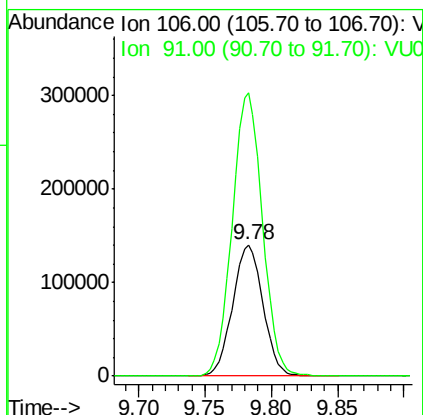
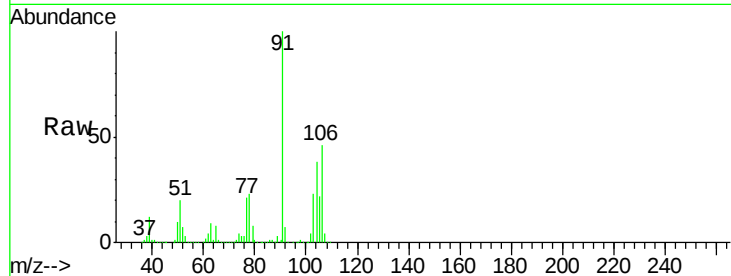
#69
o-Xylene
Concen: 47.265 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.5	110.7	331.9

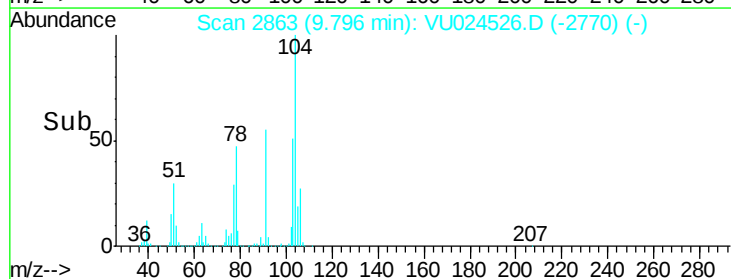
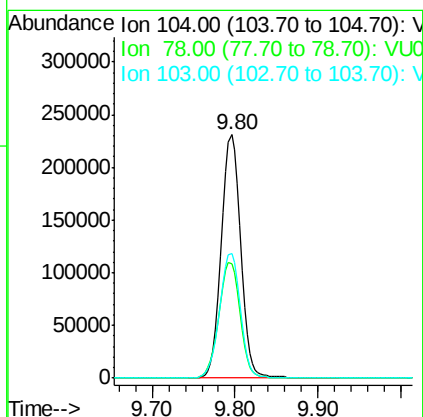
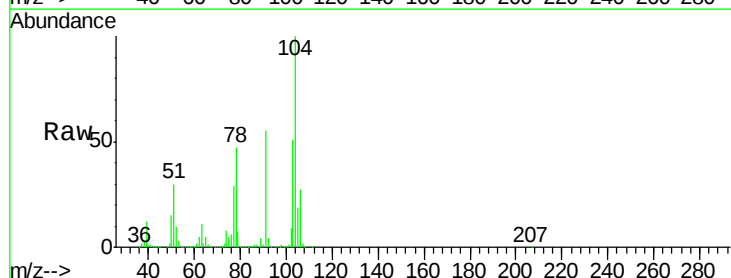
Manual Integrations
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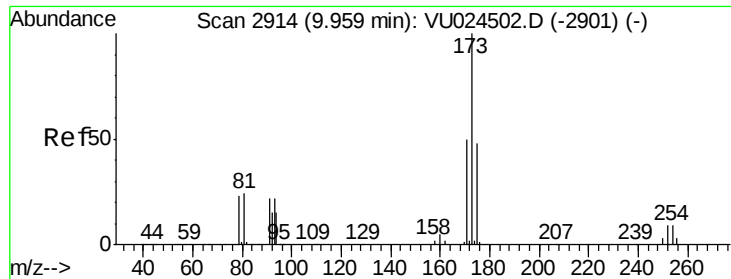
apatel
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#70
Styrene
Concen: 48.000 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.1	40.6	60.8
103	55.0	44.7	67.1





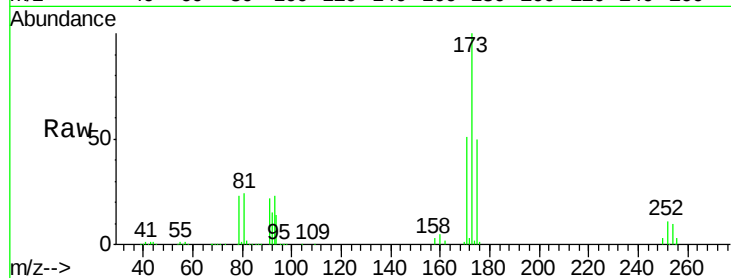
#71
Bromoform
Concen: 47.634 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

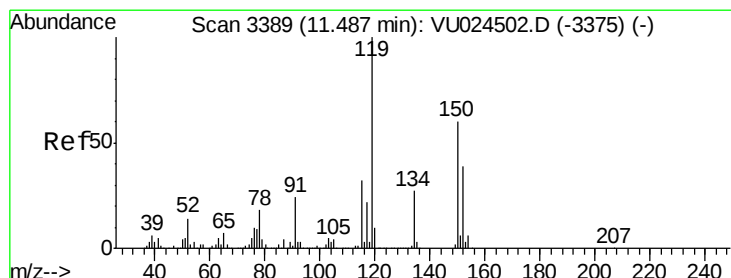
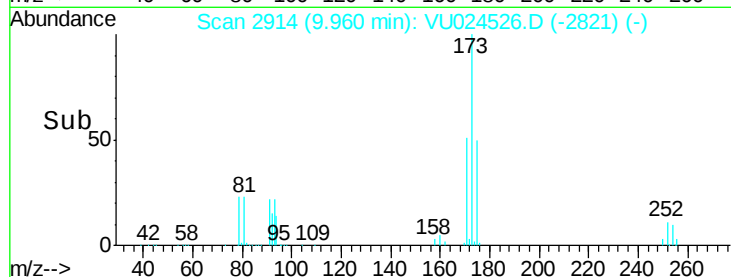
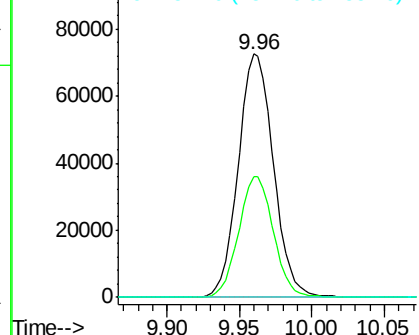
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.6	74.0
254	0.1	0.0	0.0

Manual Integrations
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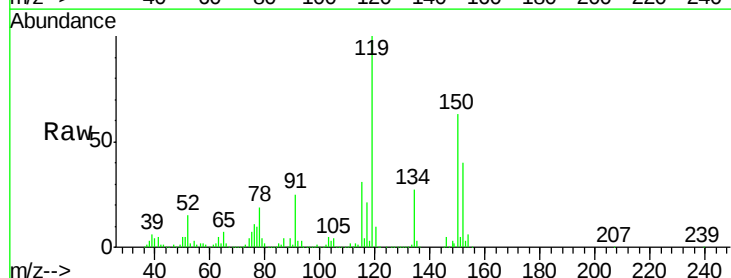


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

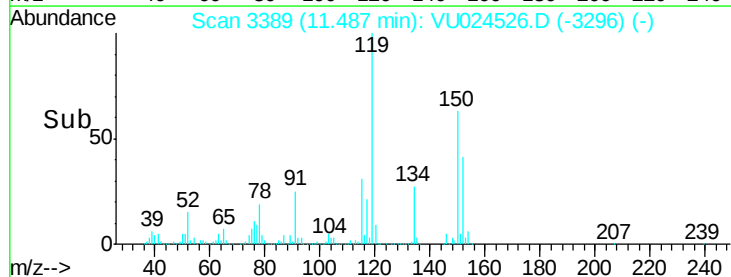
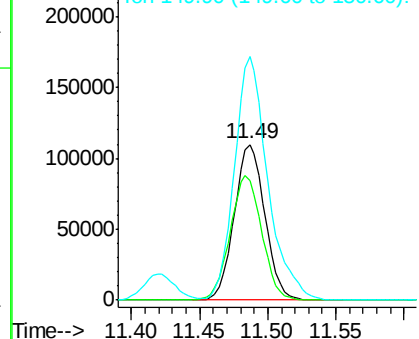


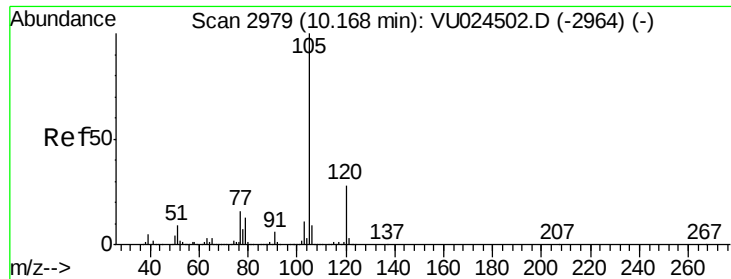
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.8	43.0	129.0
150	170.7	0.0	354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





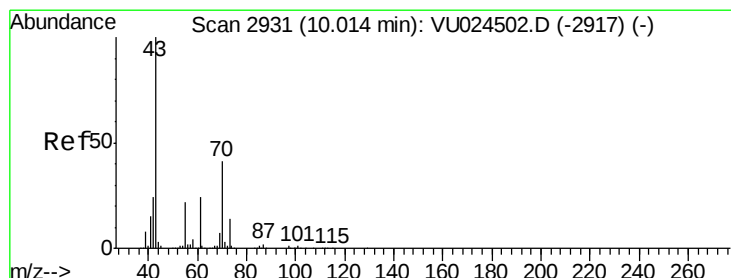
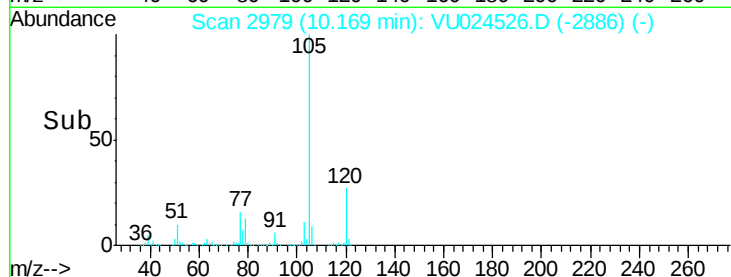
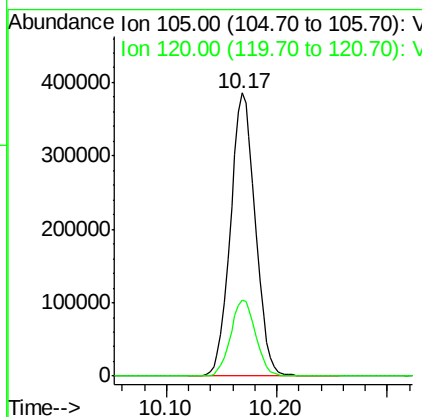
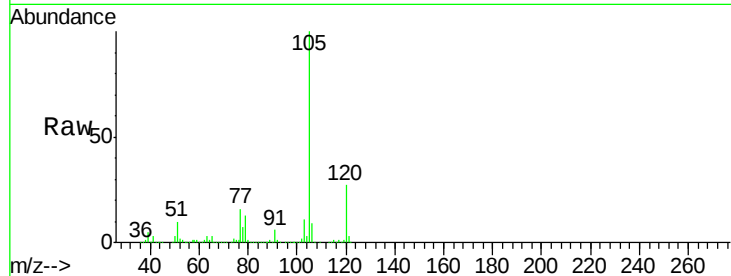
#73
Isopropylbenzene
Concen: 45.818 ug/l
RT: 10.17 min Scan# 2979
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.2	39.6

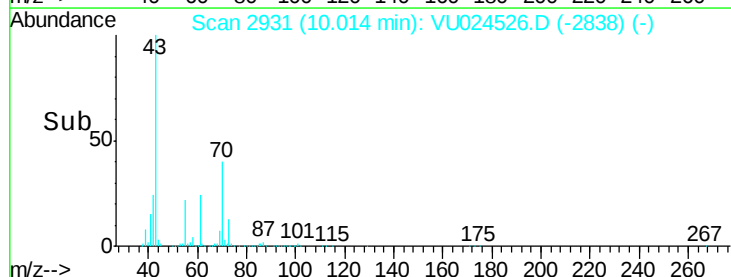
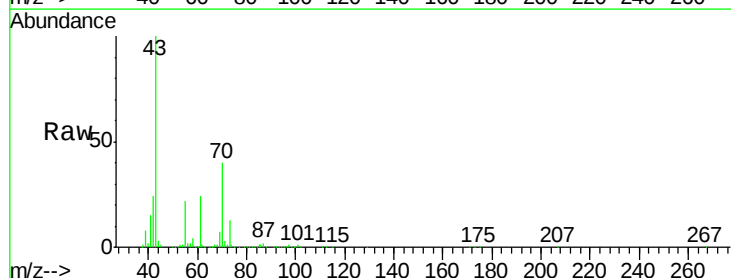
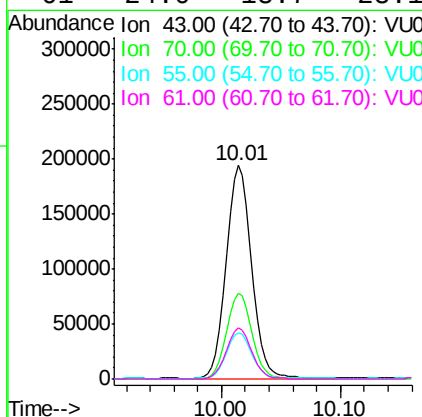
Manual Integrations
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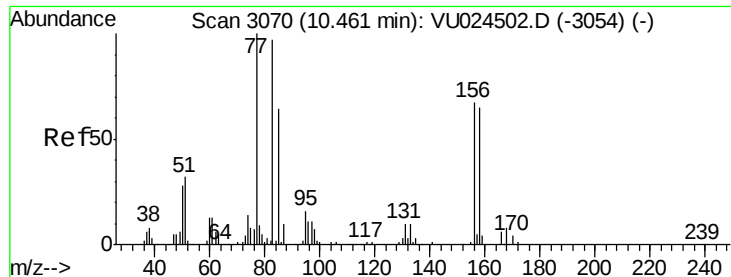
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#74
N-ethyl acetate
Concen: 45.938 ug/l
RT: 10.01 min Scan# 2931
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.3	32.2	48.4
55	21.9	20.5	30.7
61	24.0	18.7	28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.116 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 202583

Ion Ratio Lower Upper

83 100

131 10.3 4.7 14.1

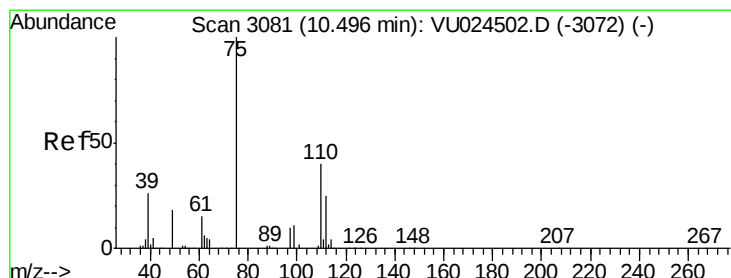
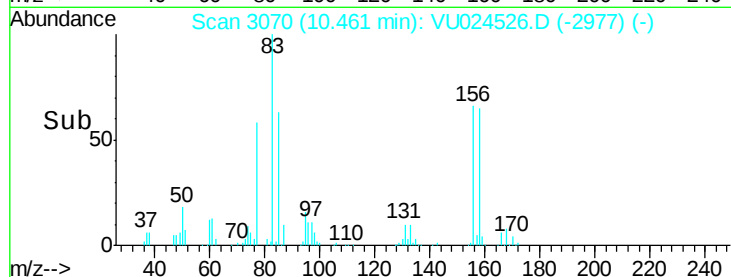
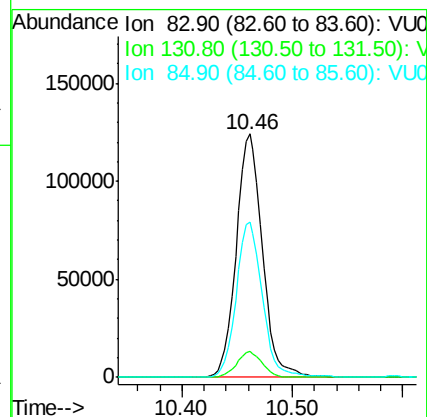
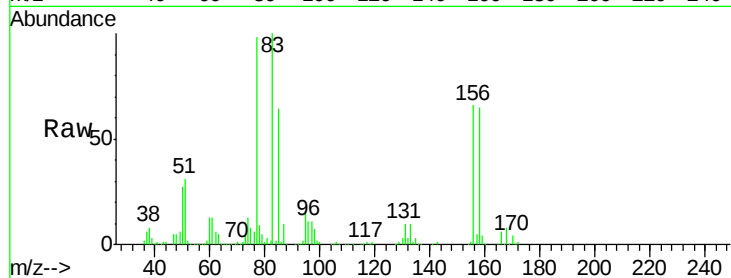
85 63.8 32.5 97.5

Manual Integrations

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#76

1,2,3-Trichloropropane

Concen: 48.483 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024526.D

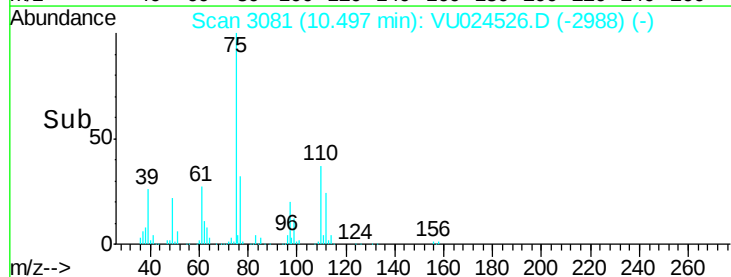
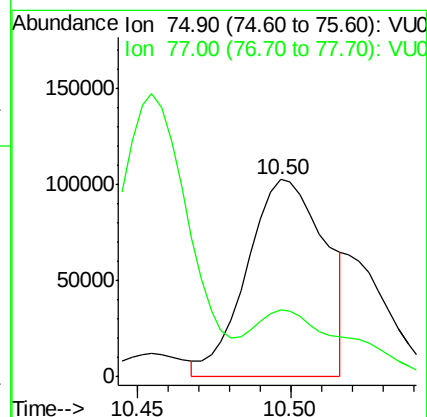
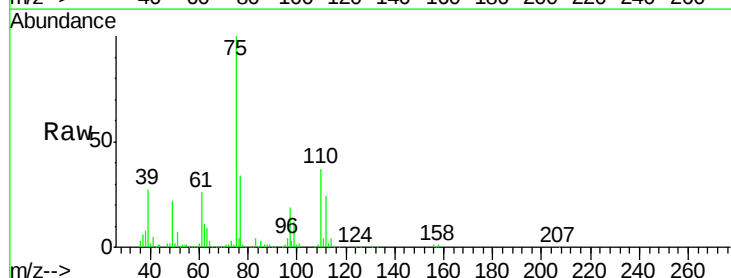
Acq: 14 Jun 2018 09:52

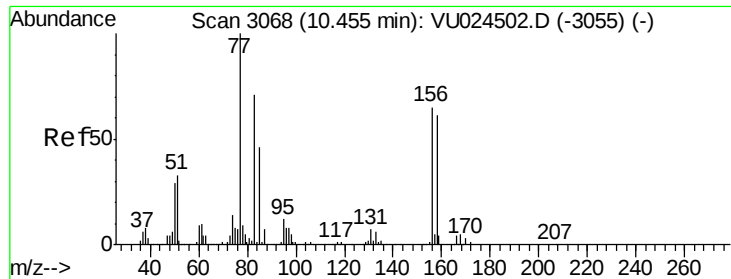
Tgt Ion: 75 Resp: 182255

Ion Ratio Lower Upper

75 100

77 40.7 20.9 62.7





#77

Bromobenzene

Concen: 45.833 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

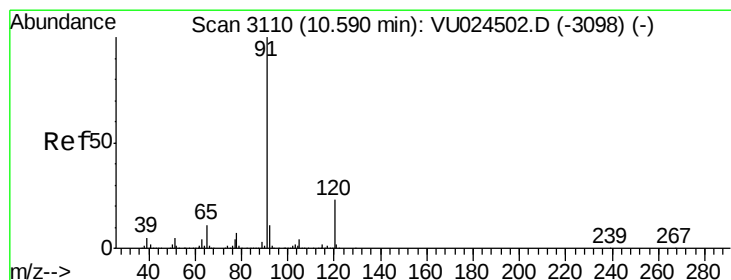
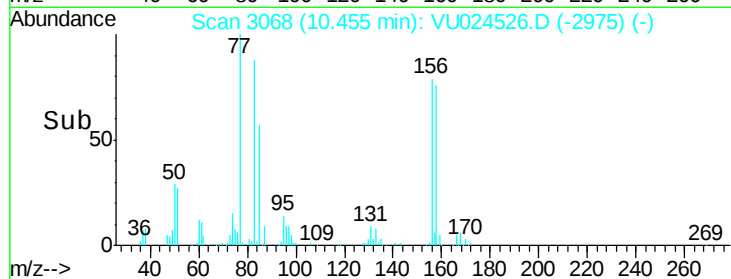
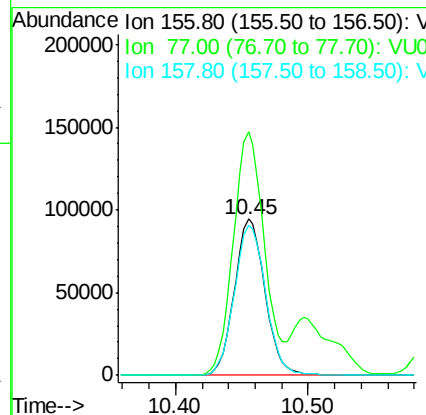
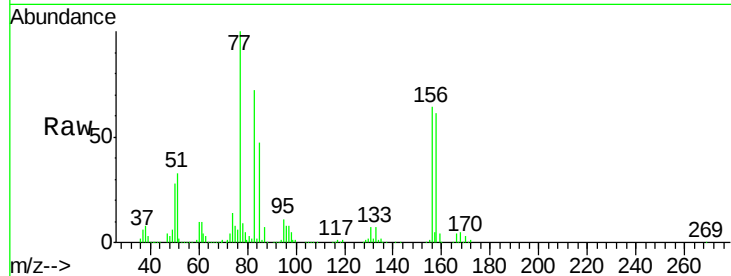
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	152108
Ion Ratio	Lower	Upper	
156	100		
77	156.3	80.5	241.3
158	98.2	48.2	144.6

Manual Integrations
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#78

n-propylbenzene

Concen: 46.961 ug/l

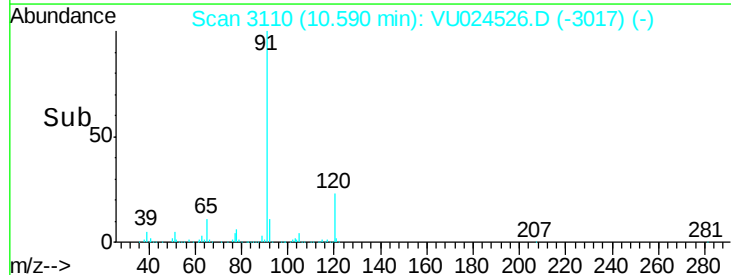
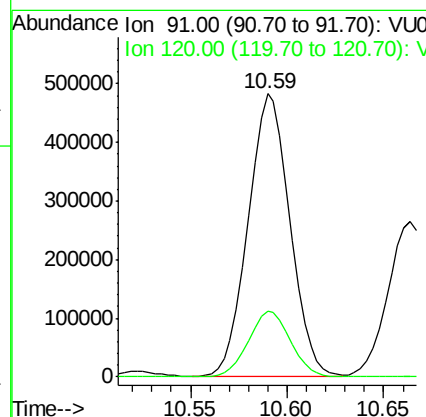
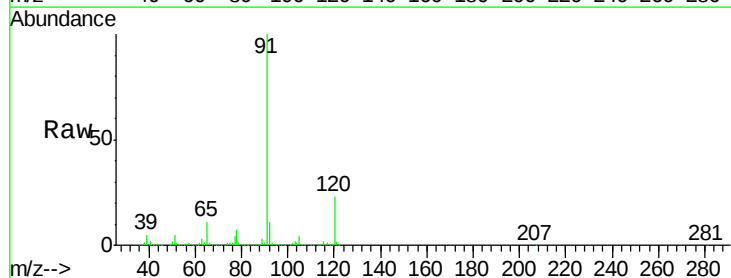
RT: 10.59 min Scan# 3110

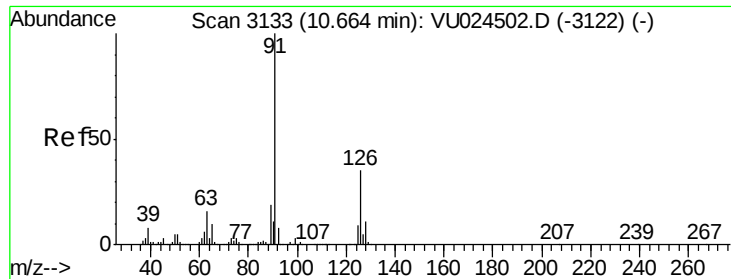
Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Tgt Ion:	91	Resp:	725192
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.2	33.5





#79

2-Chlorotoluene

Concen: 45.545 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 414755

Ion Ratio Lower Upper

91 100

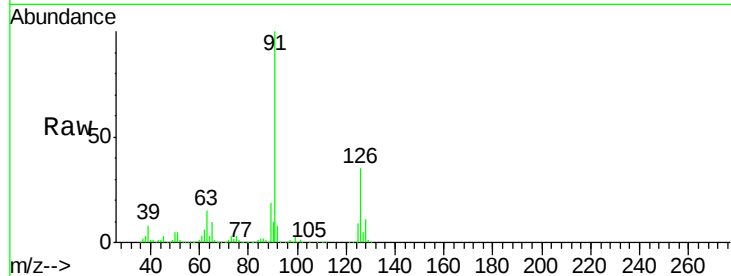
126 35.2 16.9 50.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU024502.D (-3122) (-)

500000

400000

300000

200000

100000

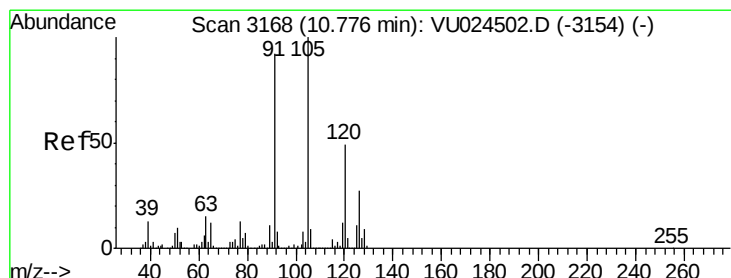
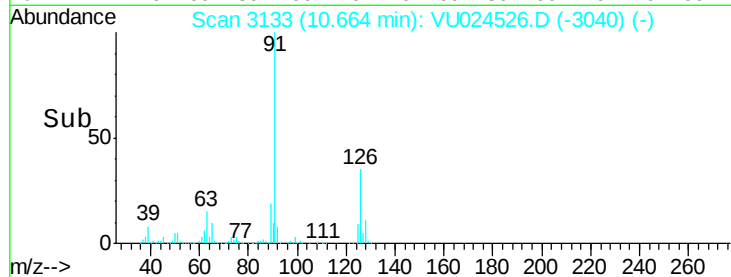
0

10.60

10.65

10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 45.579 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024526.D

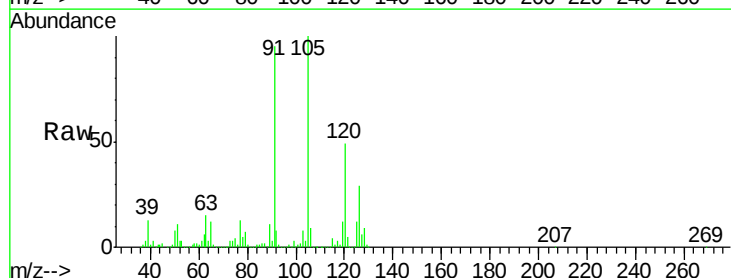
Acq: 14 Jun 2018 09:52

Tgt Ion: 105 Resp: 517879

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU024502.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU024502.D (-3154) (-)

400000

300000

200000

100000

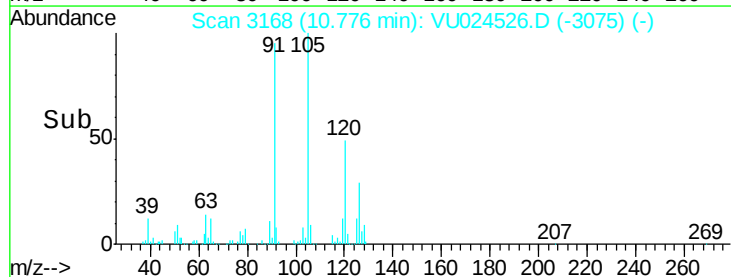
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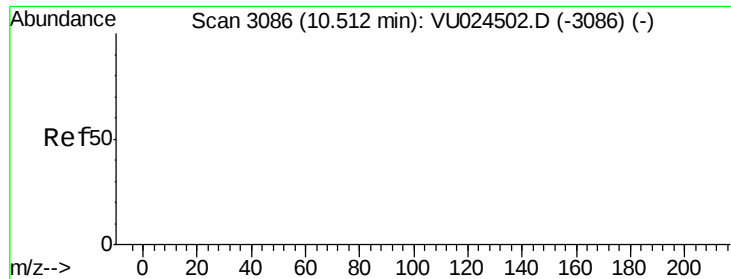
10.70

10.80

10.90

Time-->





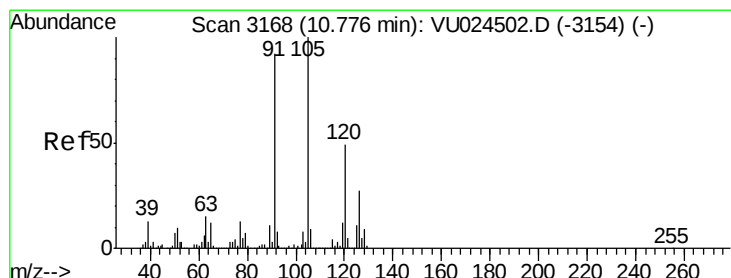
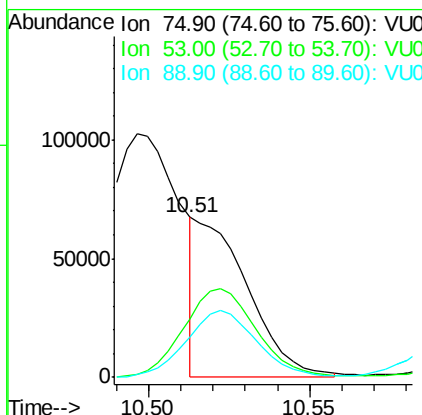
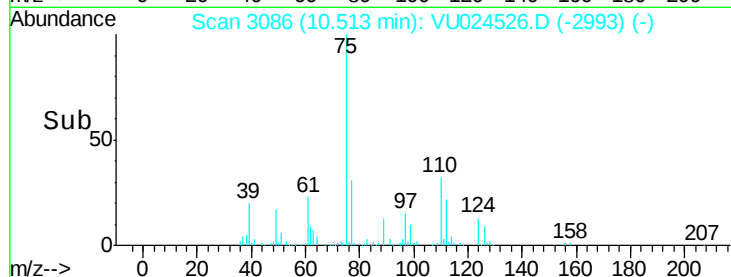
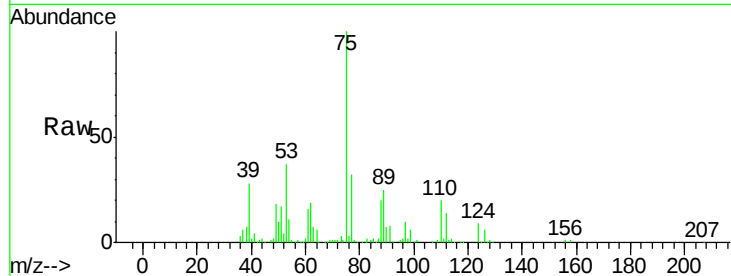
#81
trans-1,4-Dichloro-2-butene
Concen: 46.587 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

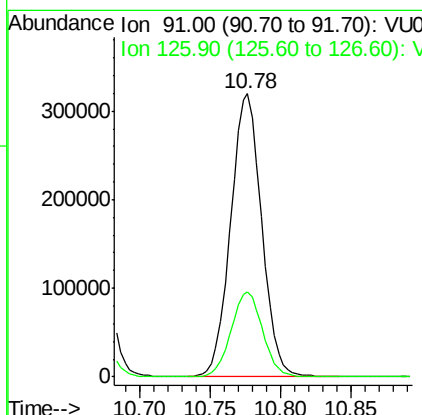
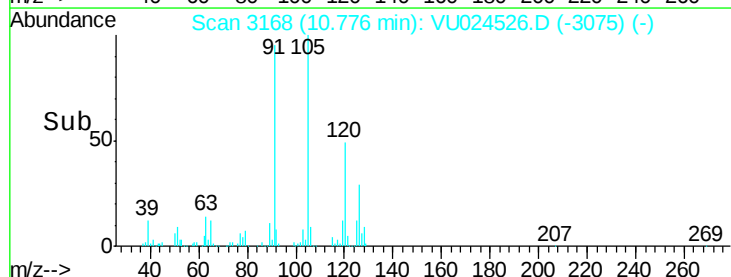
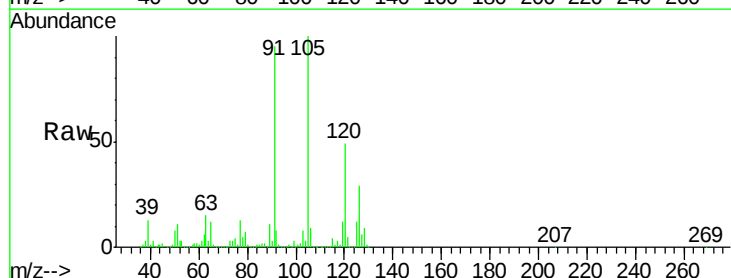
Manual Integrations
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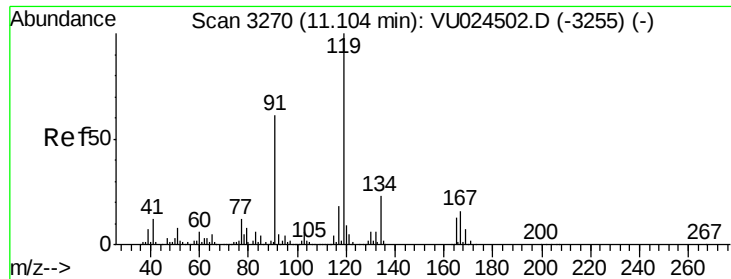
apatel
6/15/2018 3:15:57 PM



#82
4-Chlorotoluene
Concen: 46.293 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	14.9	44.9





#83

tert-Butylbenzene

Concen: 46.941 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

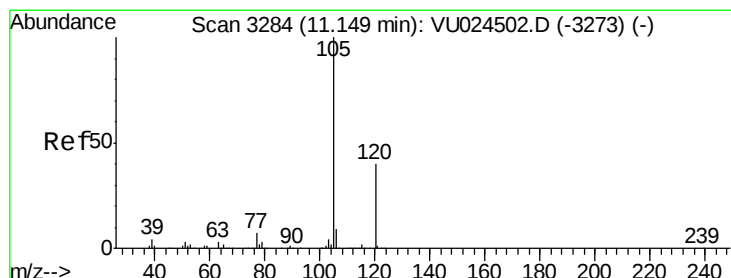
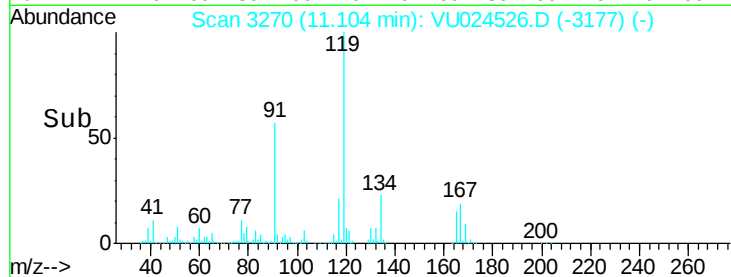
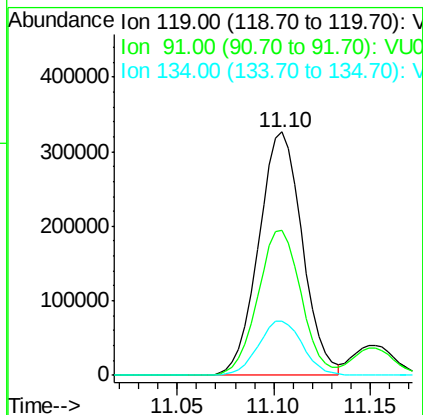
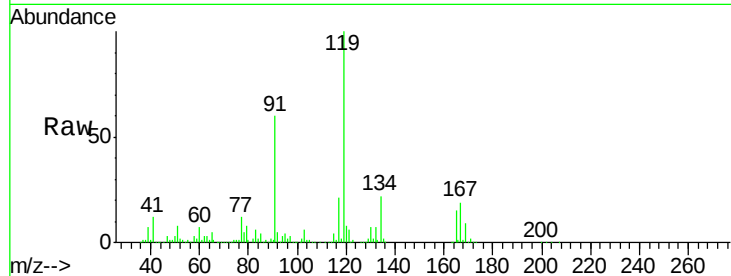
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	513041
Ion Ratio	Lower	Upper	
119	100		
91	59.1	29.7	89.1
134	22.7	11.6	34.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 45.949 ug/l

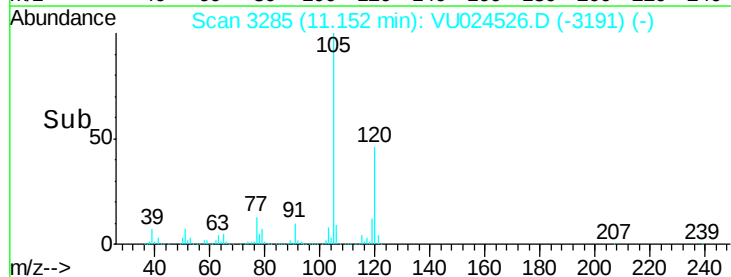
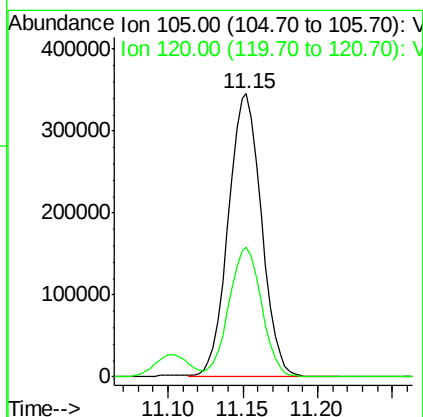
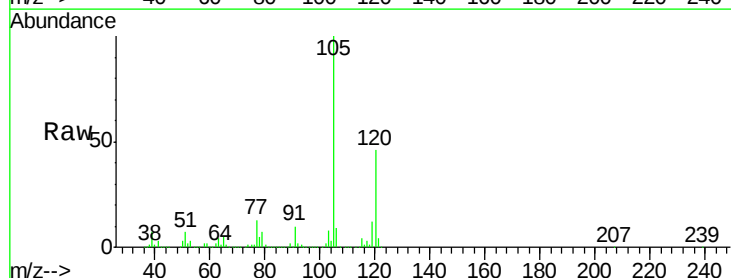
RT: 11.15 min Scan# 3285

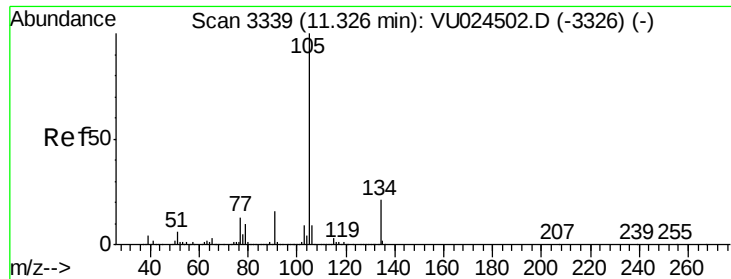
Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Tgt Ion:	105	Resp:	532049
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.6	67.8





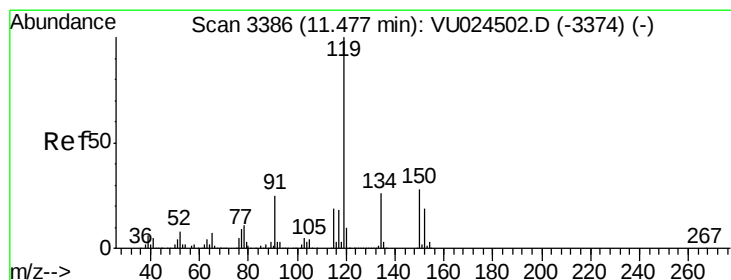
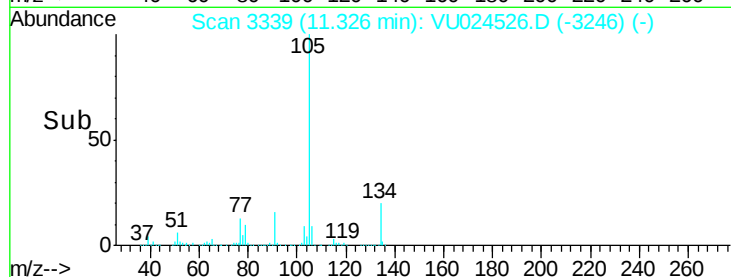
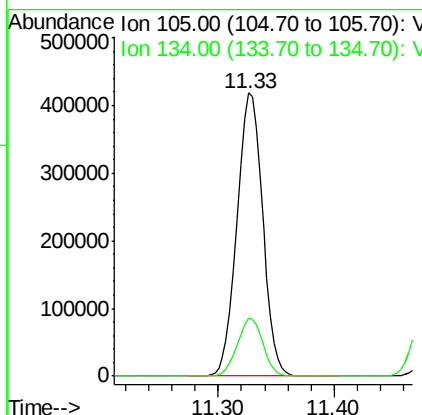
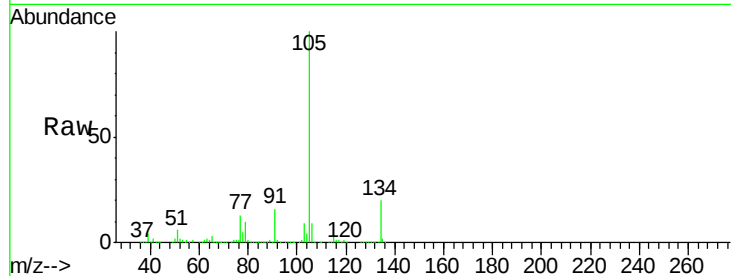
#85
 sec-Butylbenzene
 Concen: 46.691 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.7	29.1

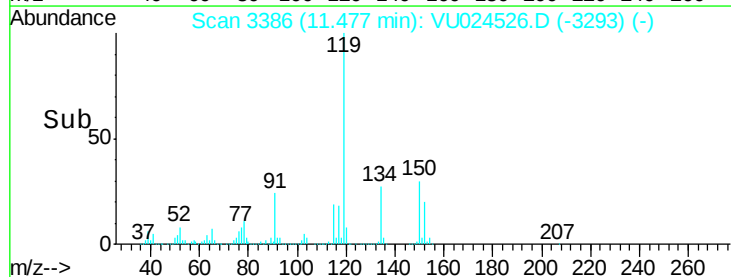
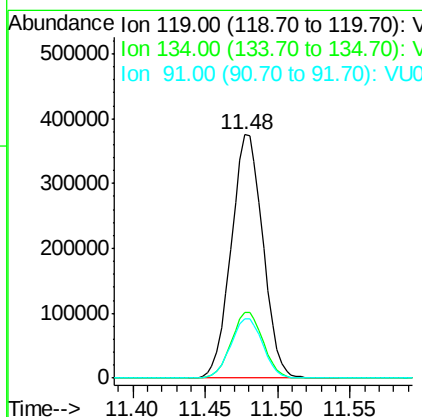
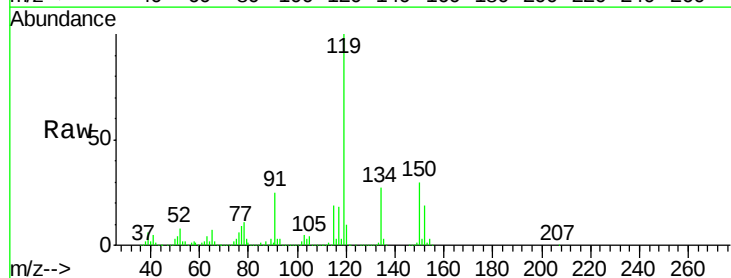
Manual Integrations
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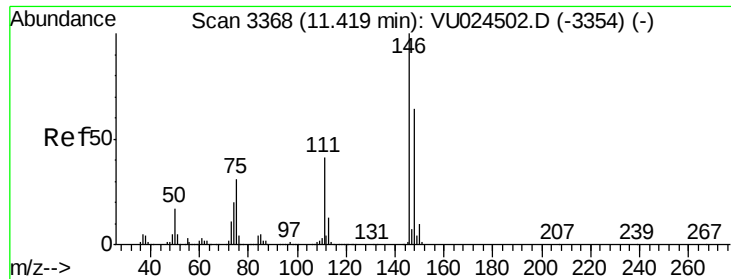
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#86
 p-Isopropyltoluene
 Concen: 46.337 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	12.9	38.6
91	24.7	12.0	36.1





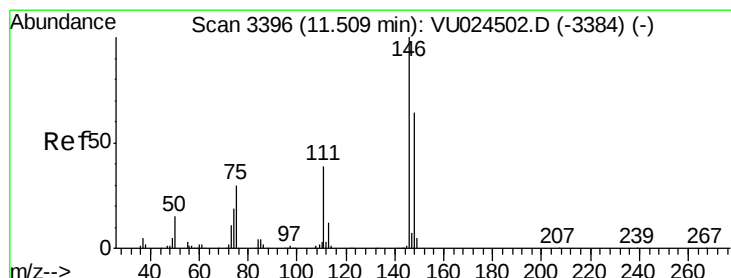
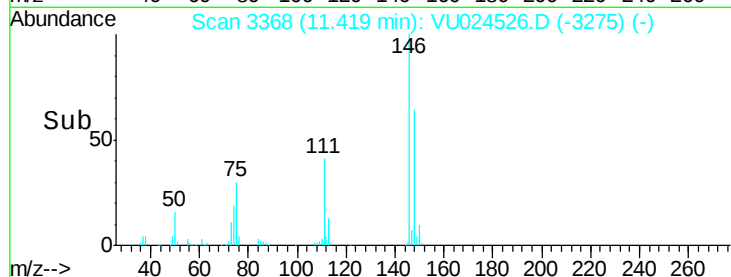
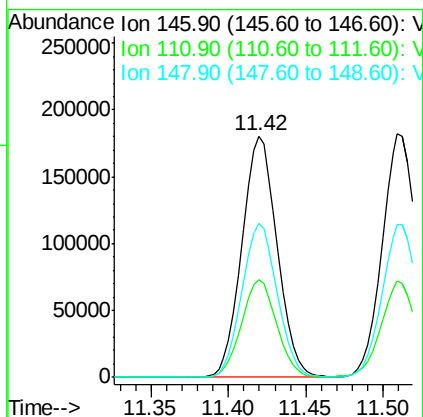
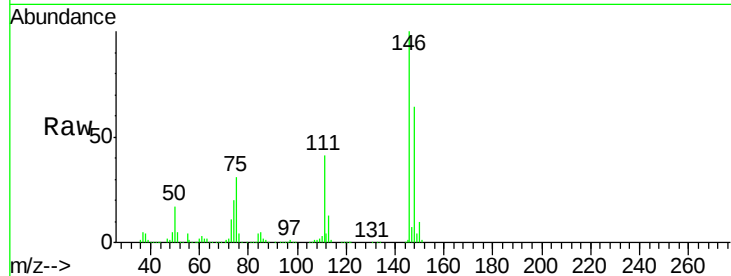
#87
 1,3-Dichlorobenzene
 Concen: 46.632 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	64.0	32.1	96.5

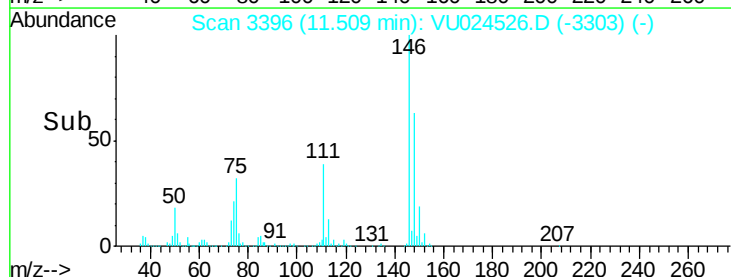
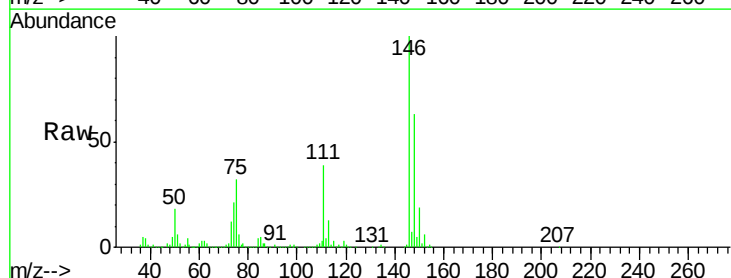
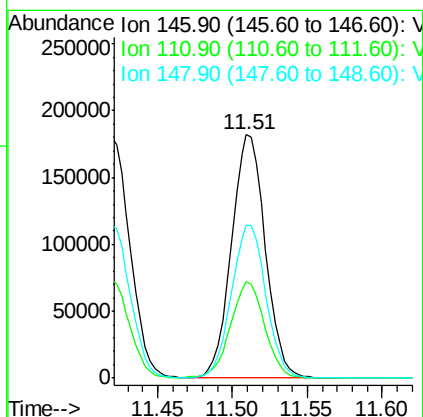
Manual Integrations
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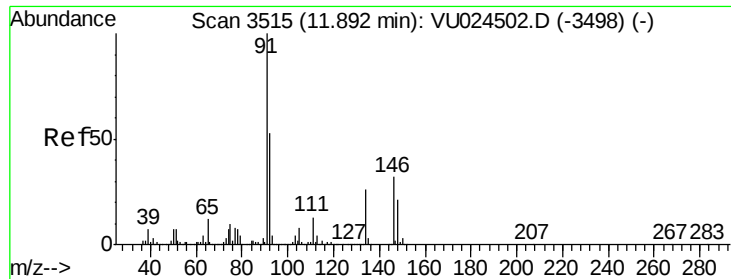
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#88
 1,4-Dichlorobenzene
 Concen: 46.259 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.5	58.5
148	64.5	32.4	97.0





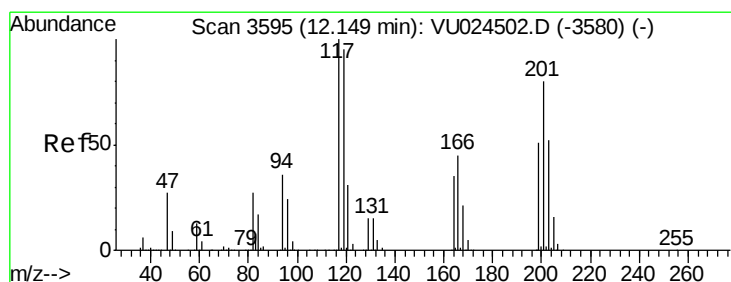
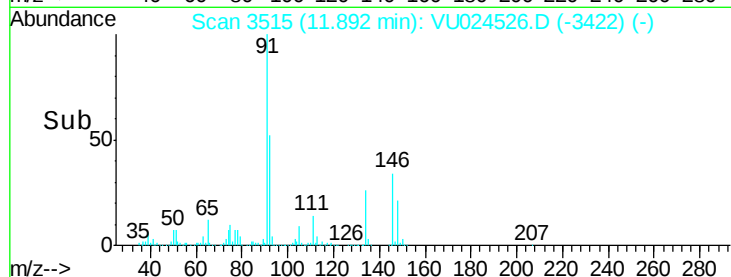
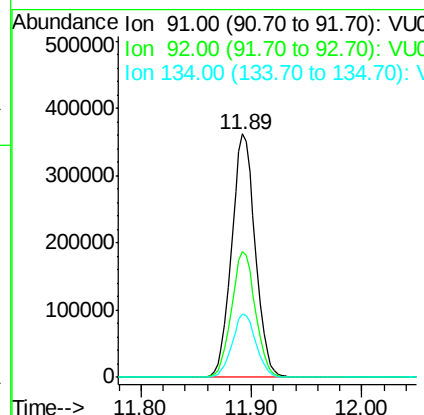
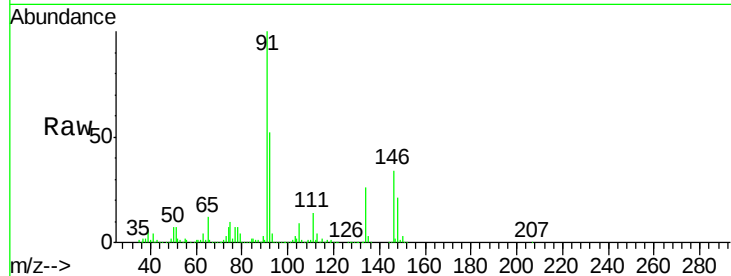
#89
n-Butylbenzene
Concen: 49.312 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.6	76.8
134	26.3	12.3	36.8

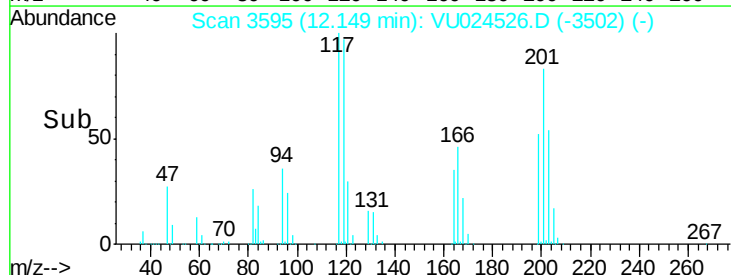
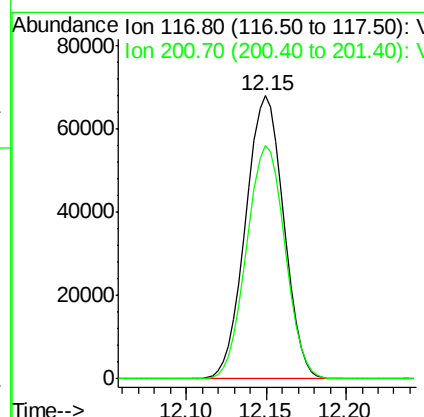
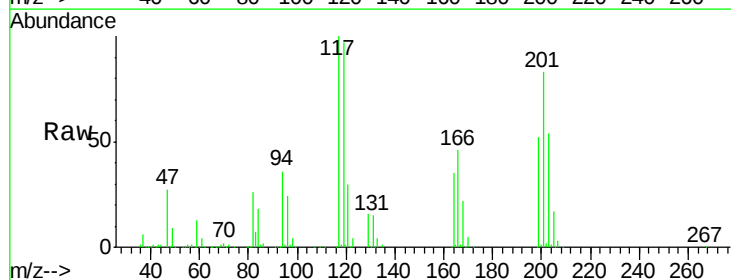
Manual Integrations
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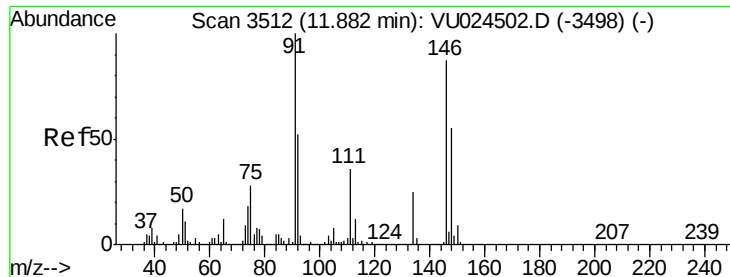
apatel
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#90
Hexachloroethane
Concen: 46.313 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024526.D
Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.0	41.1	123.3





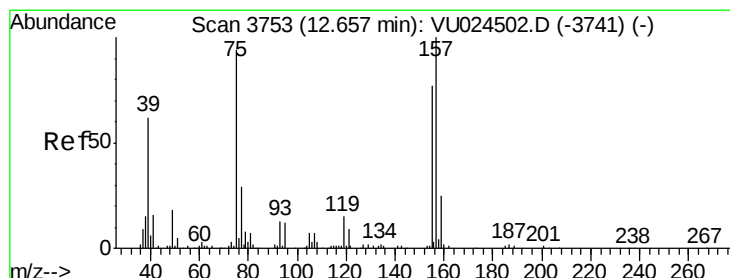
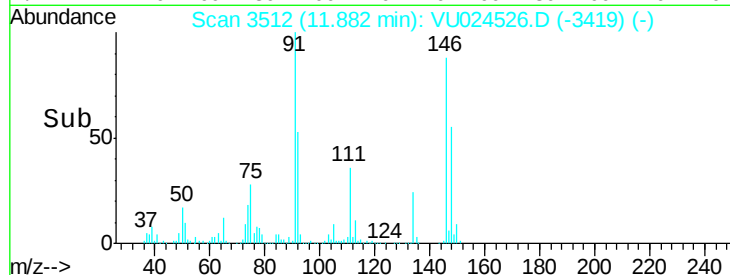
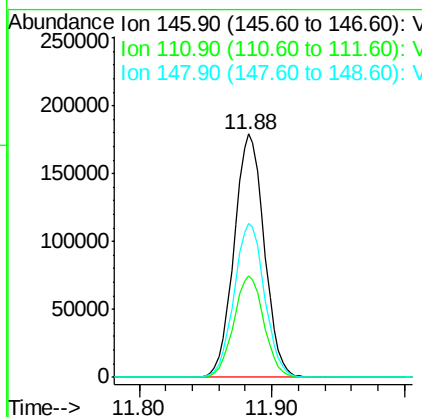
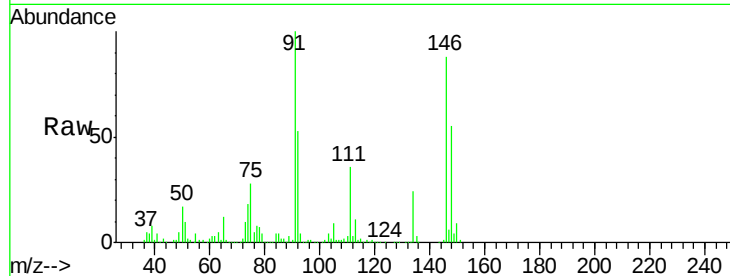
#91
 1,2-Dichlorobenzene
 Concen: 46.041 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
146	100		
111	41.8	20.5	61.6
148	63.9	31.9	95.7

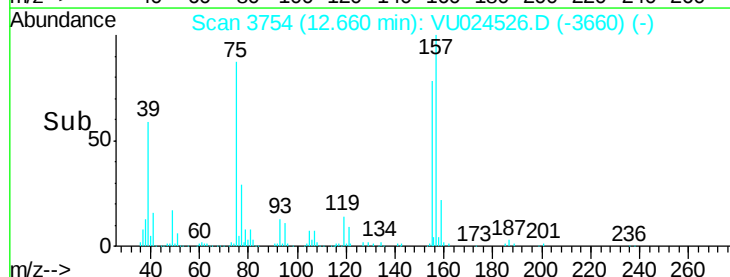
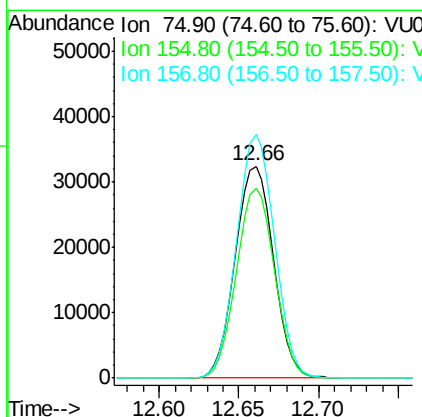
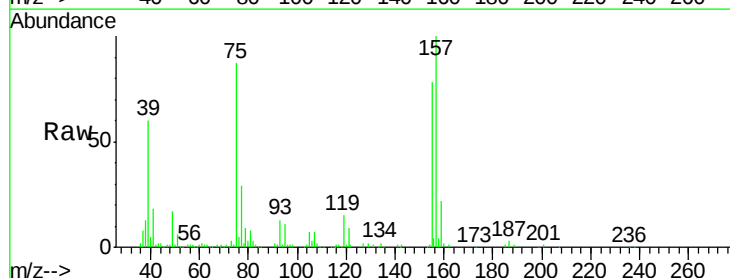
Manual Integrations
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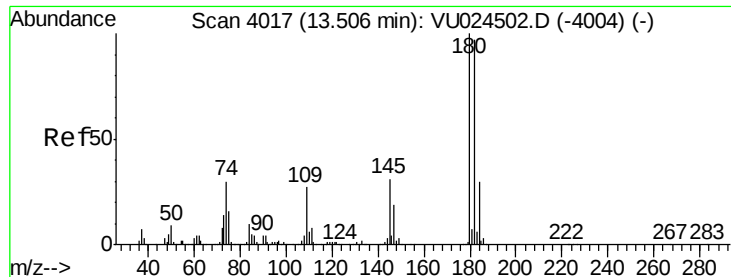
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.716 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Resp Lower	Upper
75	100		
155	89.1	40.4	121.2
157	113.4	52.3	156.8





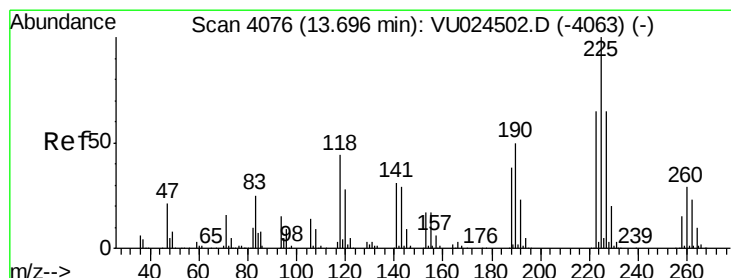
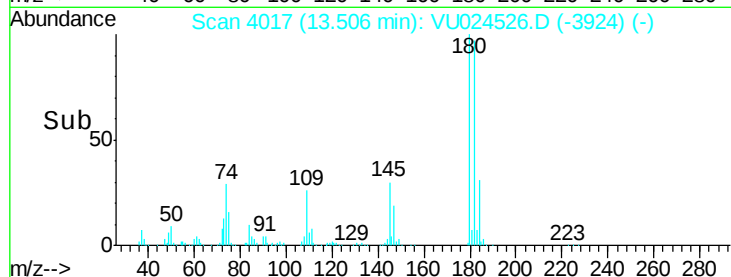
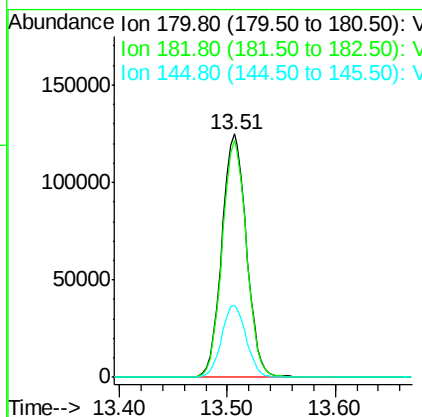
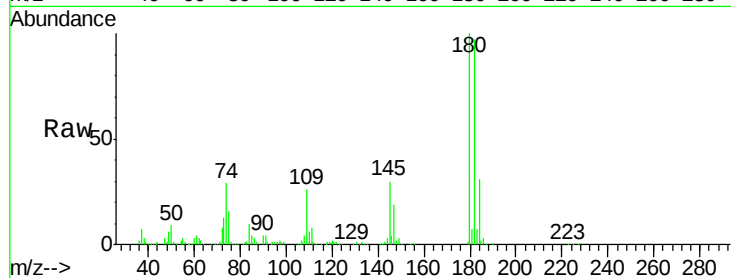
#93
 1,2,4-Trichlorobenzene
 Concen: 52.295 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	198323		
182	96.0	48.0	144.2	
145	29.5	14.7	44.1	

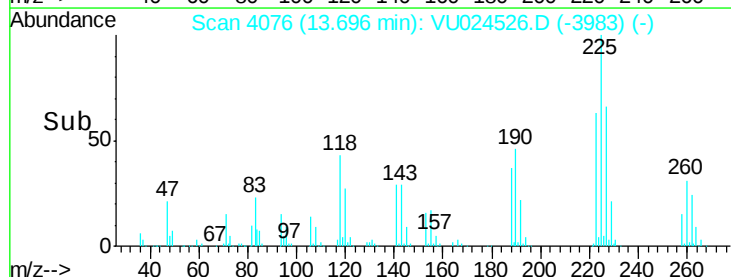
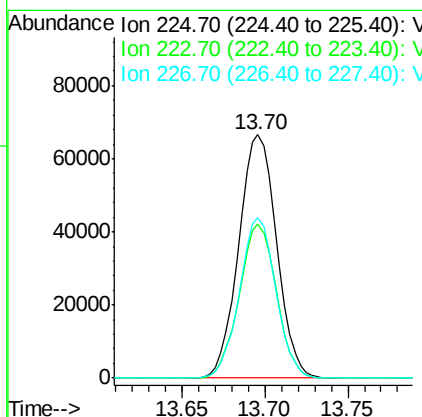
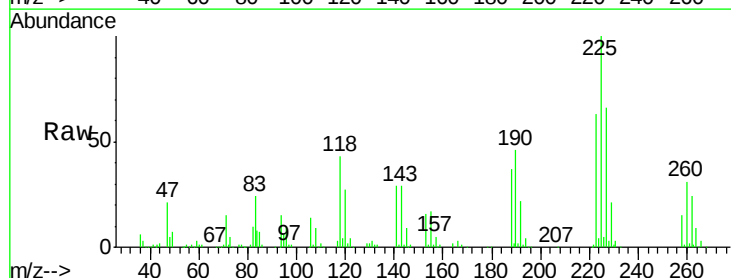
Manual Integrations
 APPROVED

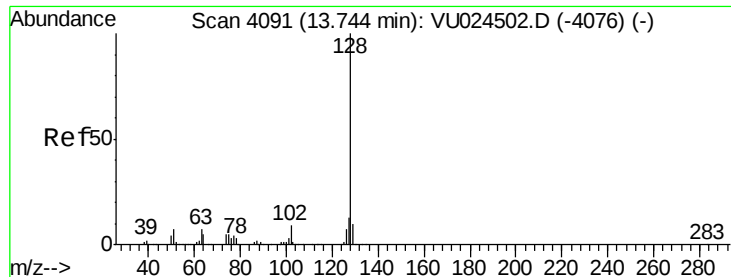
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#94
 Hexachlorobutadiene
 Concen: 49.537 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024526.D
 Acq: 14 Jun 2018 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	105740		
223	61.9	31.3	93.8	
227	63.1	31.8	95.4	





#95

Naphthalene

Concen: 46.009 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Instrument :

MSVOA_U

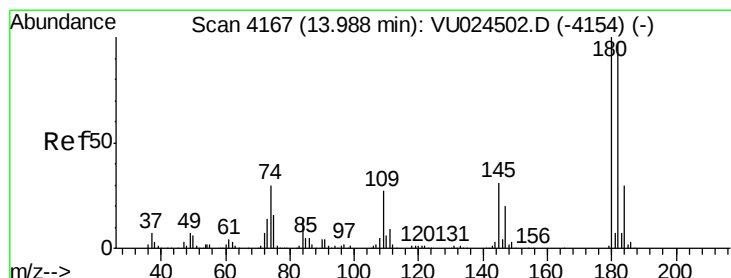
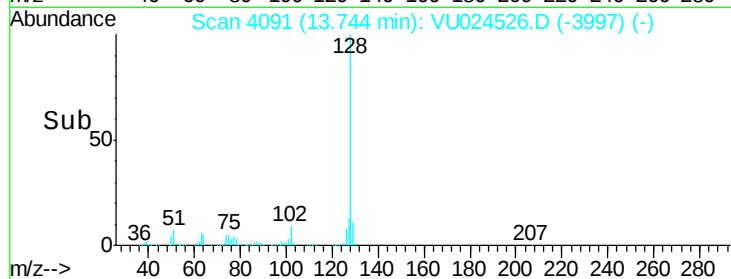
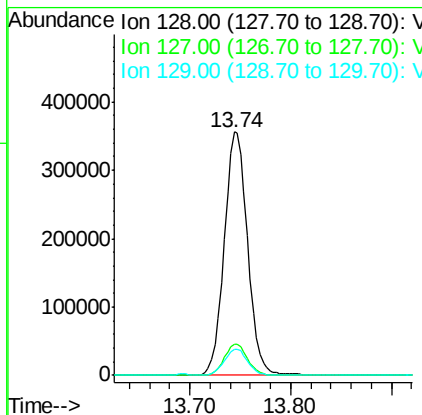
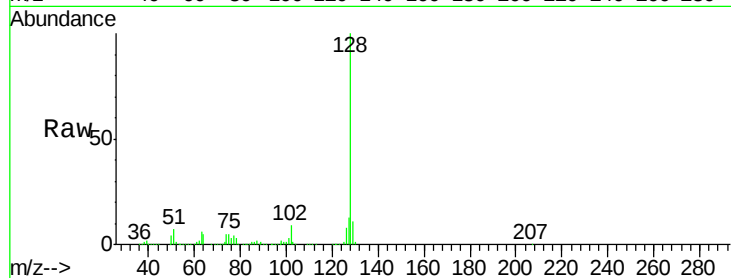
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	576943
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.7	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 52.694 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 14 Jun 2018 09:52

Tgt Ion:	180	Resp:	199125
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.9	143.7
145	30.4	15.4	46.1

