

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024750.D
 Acq On : 20 Jun 2018 10:58
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 6/21/2018 1:44:00 PM

Quant Time: Jun 20 14:58:56 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	191356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	282219	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	269160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	162800	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	126655	40.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.08%	
35) Dibromofluoromethane	4.89	113	106213	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
50) Toluene-d8	7.57	98	393264	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	10.31	95	154054	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	102676	42.87	ug/l	99
3) Chloromethane	1.33	50	110217	45.04	ug/l	100
4) Vinyl Chloride	1.40	62	114387	45.33	ug/l	99
5) Bromomethane	1.63	94	68725	56.33	ug/l	99
6) Chloroethane	1.70	64	74417	52.83	ug/l	97
7) Trichlorofluoromethane	1.89	101	189814	49.29	ug/l	98
8) Diethyl Ether	2.10	74	68609	52.44	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	107596	45.03	ug/l	96
10) Methyl Iodide	2.41	142	81334	41.26	ug/l	97
11) Tert butyl alcohol	2.83	59	136083	179.11	ug/l	98
12) 1,1-Dichloroethene	2.28	96	97891	44.93	ug/l	92
13) Acrolein	2.20	56	73250	183.60	ug/l	100
14) Allyl chloride	2.60	41	188320	46.55	ug/l	90
15) Acrylonitrile	2.94	53	322357	218.07	ug/l	98
16) Acetone	2.33	43	341582	203.51	ug/l	98
17) Carbon Disulfide	2.48	76	297561	42.65	ug/l	99
18) Methyl Acetate	2.62	43	160843	44.70	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	364385	44.49	ug/l	96
20) Methylene Chloride	2.70	84	114469	43.46	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	107199	44.67	ug/l	93
22) Diisopropyl ether	3.57	45	367371	45.81	ug/l	96
23) Vinyl Acetate	3.53	43	1602238	223.03	ug/l	98
24) 1,1-Dichloroethane	3.45	63	208263	45.14	ug/l	99
25) 2-Butanone	4.26	43	481608	213.61	ug/l	97
26) 2,2-Dichloropropane	4.23	77	193553	44.18	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	126693	45.92	ug/l	98
28) Bromochloromethane	4.55	49	93432	45.98	ug/l	90
29) Tetrahydrofuran	4.64	42	290905	208.36	ug/l	97
30) Chloroform	4.68	83	212236	45.45	ug/l	99
31) Cyclohexane	5.00	56	194746	47.43	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	191403	44.33	ug/l	96
36) 1,1-Dichloropropene	5.14	75	158872	47.91	ug/l	96
37) Ethyl Acetate	4.38	43	173161	47.91	ug/l	97
38) Carbon Tetrachloride	5.14	117	177123	48.57	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	203041	49.06	ug/l	94
40) Benzene	5.39	78	460903	48.77	ug/l	99
41) Methacrylonitrile	4.54	41	95064	48.78	ug/l	98
42) 1,2-Dichloroethane	5.41	62	174605	48.51	ug/l	99
43) Isopropyl Acetate	5.55	43	284308	45.50	ug/l	98
44) Trichloroethene	6.19	130	133042	49.47	ug/l	93
45) 1,2-Dichloropropane	6.44	63	126650	50.23	ug/l	96
46) Dibromomethane	6.56	93	87916	49.64	ug/l	95
47) Bromodichloromethane	6.76	83	168295	47.72	ug/l	99
48) Methyl methacrylate	6.62	41	141662	46.56	ug/l	98
49) 1,4-Dioxane	6.63	88	63686	1070.41	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	902734	229.98	ug/l	99
52) Toluene	7.64	92	302463	49.75	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	193361	48.82	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	201443	47.73	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	122931	49.74	ug/l	99
56) Ethyl methacrylate	8.02	69	199335	48.19	ug/l	99
57) 1,3-Dichloropropane	8.25	76	207296	49.73	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	314381	198.39	ug/l	96
59) 2-Hexanone	8.36	43	722111	225.34	ug/l	99
60) Dibromochloromethane	8.48	129	147018	47.71	ug/l	98
61) 1,2-Dibromoethane	8.59	107	135401	49.23	ug/l	100
64) Tetrachloroethene	8.23	164	119942	46.88	ug/l	98
65) Chlorobenzene	9.12	112	343178	49.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	132120	50.58	ug/l	99
67) Ethyl Benzene	9.25	91	590097	48.95	ug/l	96
68) m/p-Xylenes	9.38	106	468446	101.20	ug/l	95
69) o-Xylene	9.78	106	229550	50.11	ug/l	94
70) Styrene	9.80	104	378527	50.28	ug/l	100
71) Bromoform	9.96	173	117015	47.13	ug/l #	97
73) Isopropylbenzene	10.17	105	619210	49.54	ug/l	99
74) N-amyl acetate	10.01	43	271461	45.66	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	201485	48.10	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	169977m	47.42	ug/l	
77) Bromobenzene	10.45	156	156288	49.39	ug/l	95
78) n-propylbenzene	10.59	91	718019	48.77	ug/l	97
79) 2-Chlorotoluene	10.66	91	421569	48.55	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	536192	49.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	62412m	40.30	ug/l	
82) 4-Chlorotoluene	10.78	91	494261	48.91	ug/l	98
83) tert-Butylbenzene	11.10	119	527941	50.66	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	549645	49.78	ug/l	100
85) sec-Butylbenzene	11.33	105	648661	49.73	ug/l	98
86) p-Isopropyltoluene	11.48	119	586272	50.18	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	288639	49.37	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	295254	50.18	ug/l	99
89) n-Butylbenzene	11.89	91	511150	49.28	ug/l	97
90) Hexachloroethane	12.15	117	103682	45.49	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	290752	49.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51658	44.70	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	201742	55.79	ug/l	99
94) Hexachlorobutadiene	13.70	225	102771	50.50	ug/l	99
95) Naphthalene	13.74	128	616012	51.44	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	207570	57.61	ug/l	99

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

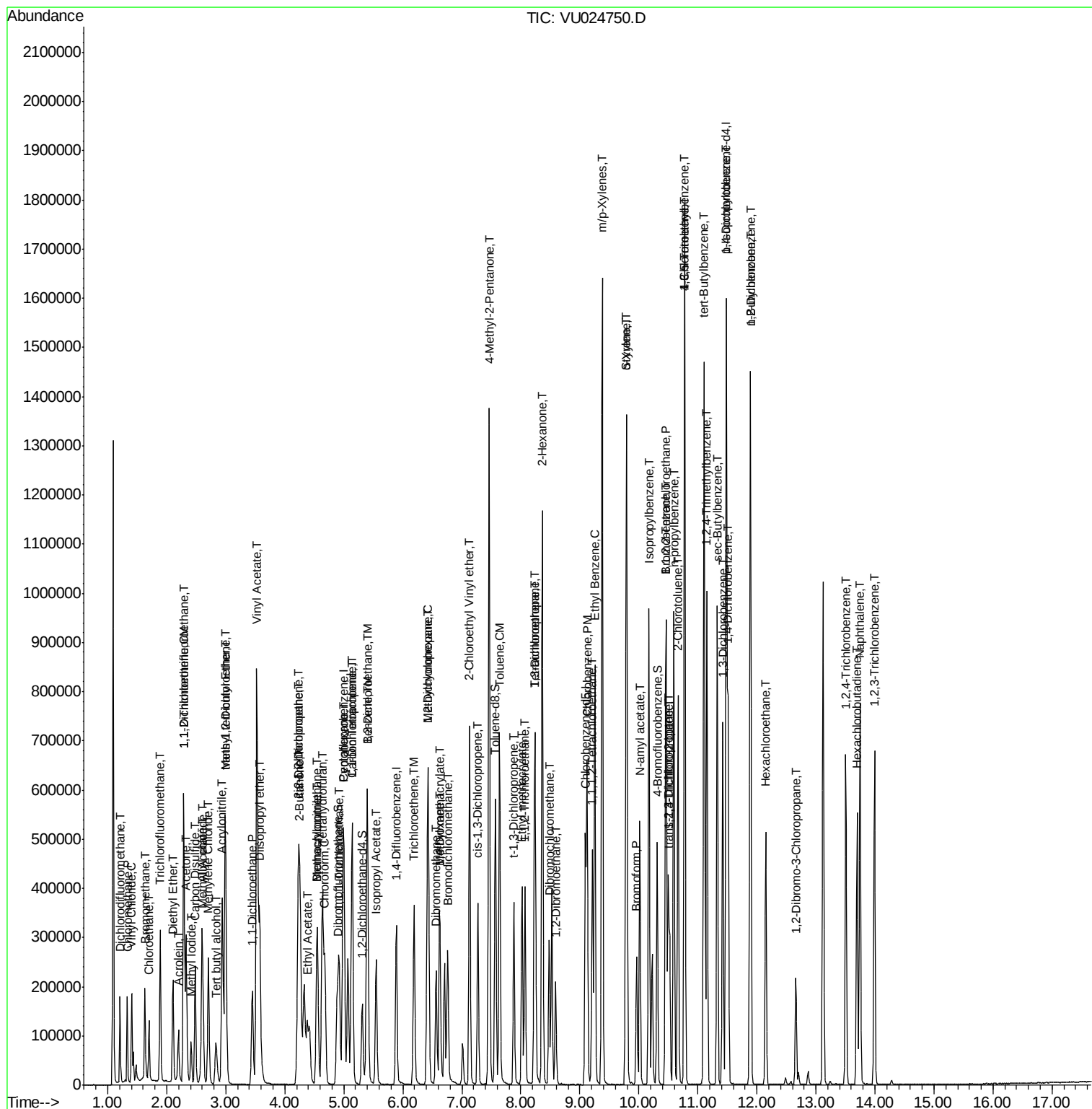
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Data File : VU024750.D
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 191356

Ion Ratio Lower Upper

168 100

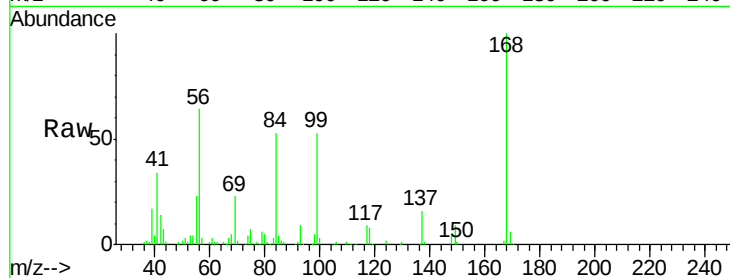
99 52.2 43.2 64.8

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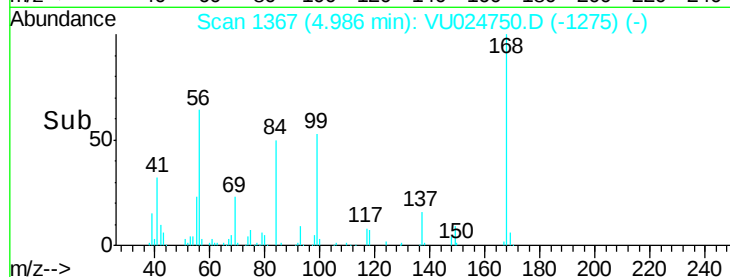
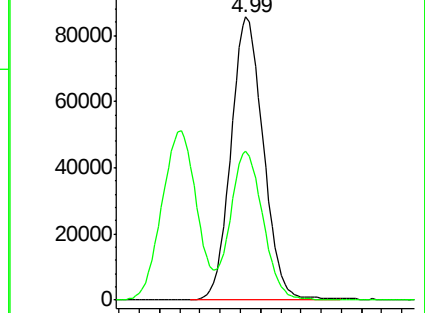
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 42.87 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024750.D

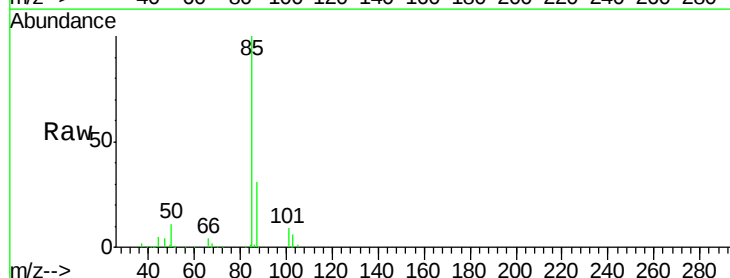
Acq: 20 Jun 2018 10:58

Tgt Ion: 85 Resp: 102676

Ion Ratio Lower Upper

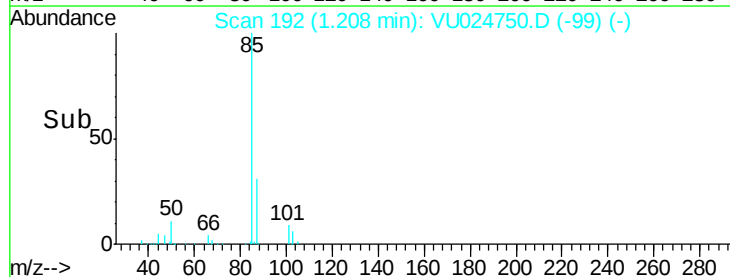
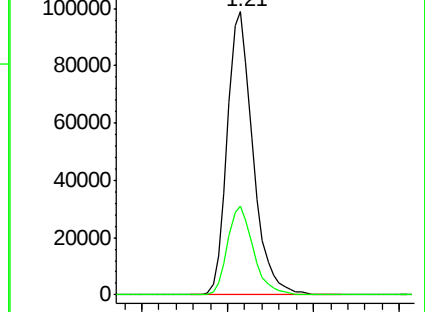
85 100

87 31.3 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: 45.04 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 110217

Ion Ratio Lower Upper

50 100

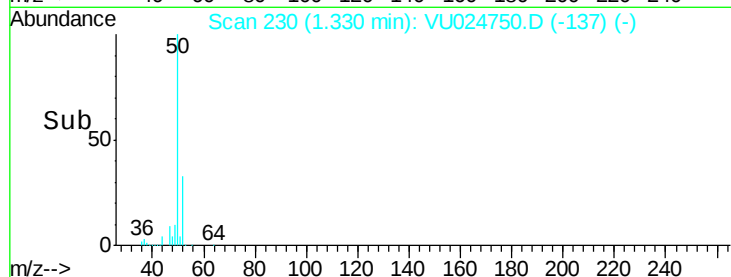
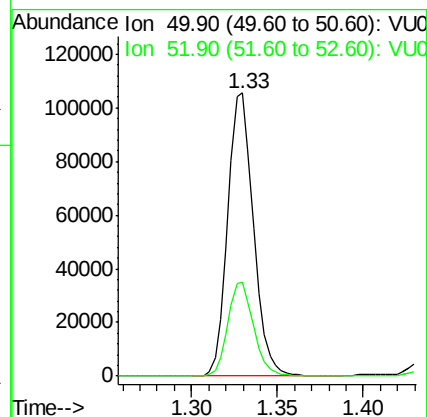
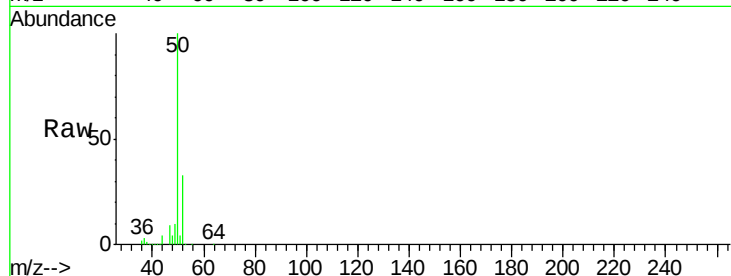
52 33.1 26.4 39.6

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#4

Vinyl Chloride

Concen: 45.33 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024750.D

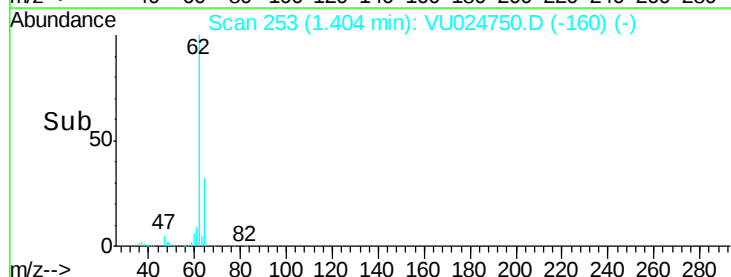
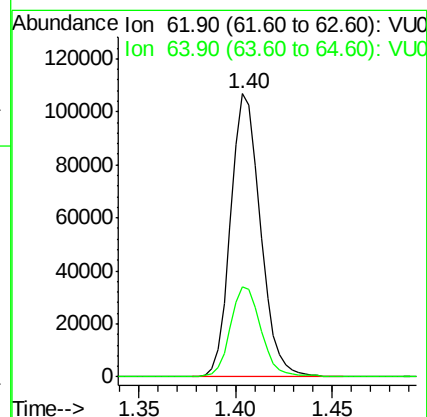
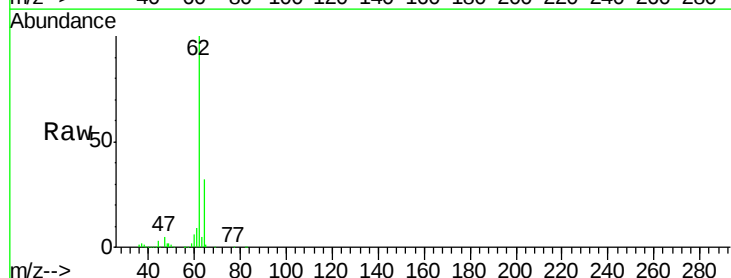
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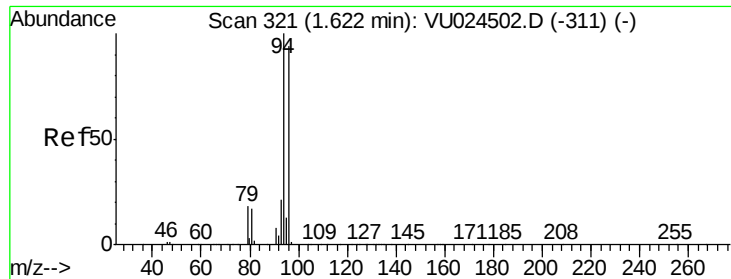
Tgt Ion: 62 Resp: 114387

Ion Ratio Lower Upper

62 100

64 31.8 24.8 37.2





#5

Bromomethane

Concen: 56.33 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 68725

Ion Ratio Lower Upper

94 100

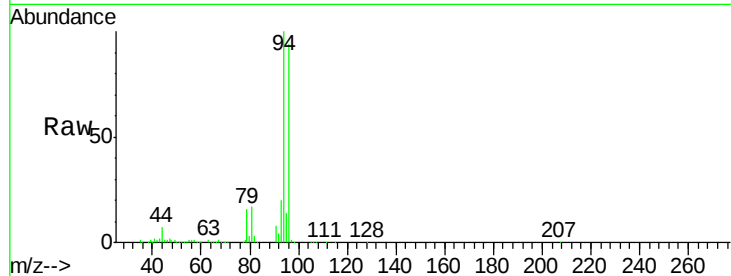
96 93.9 74.5 111.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VU024750.D (-311) (-)

Ion 95.90 (95.60 to 96.60): VU024750.D (-311) (-)

1.63

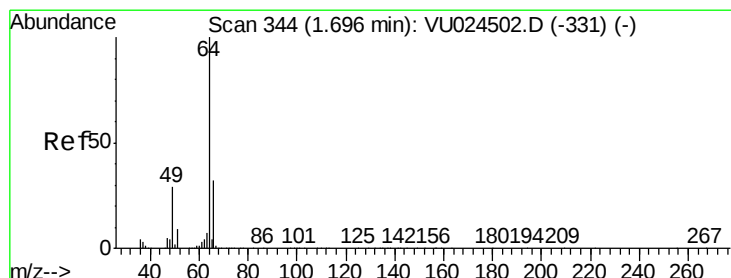
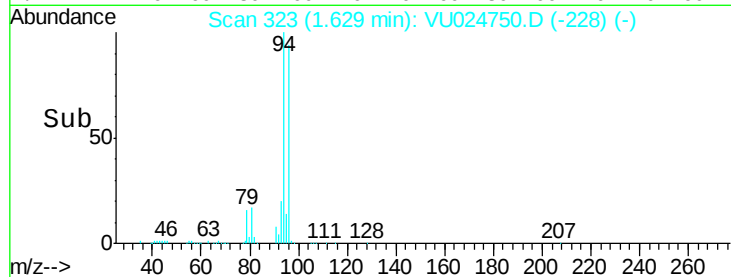
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 52.83 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024750.D

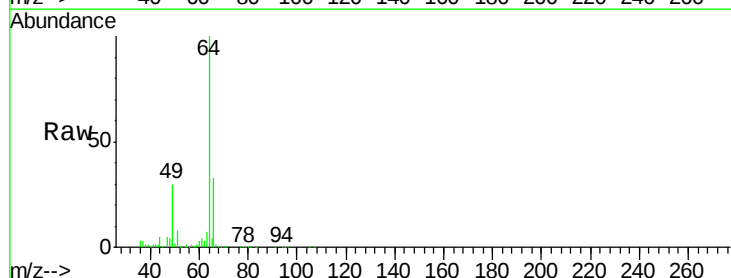
Acq: 20 Jun 2018 10:58

Tgt Ion: 64 Resp: 74417

Ion Ratio Lower Upper

64 100

66 33.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU024750.D (-331) (-)

Ion 65.90 (65.60 to 66.60): VU024750.D (-331) (-)

1.70

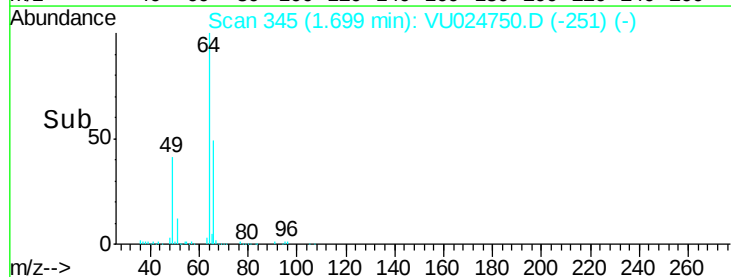
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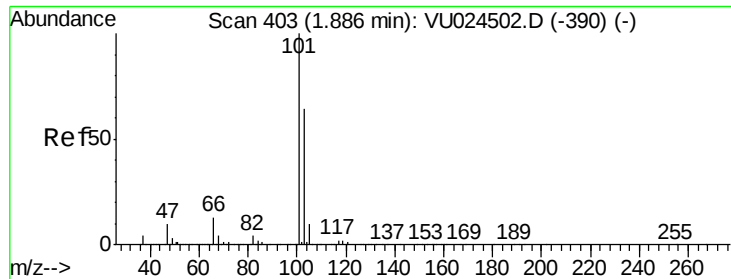
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20000

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Time--> 1.65 1.70 1.75 1.80





#7

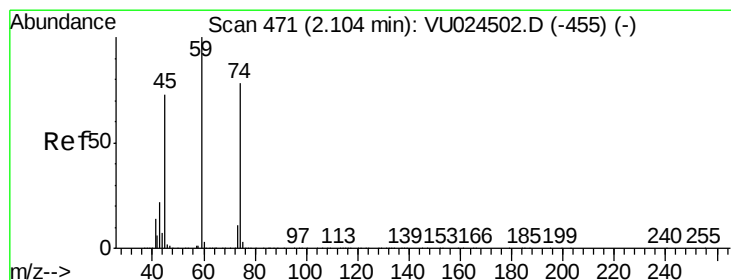
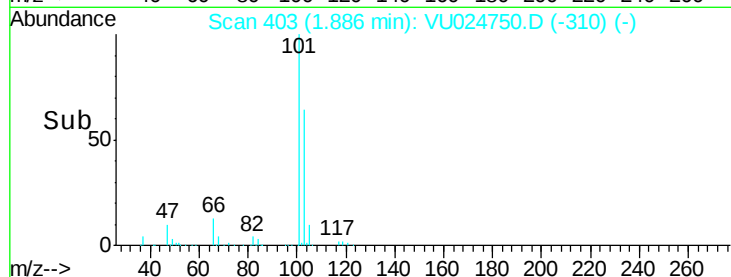
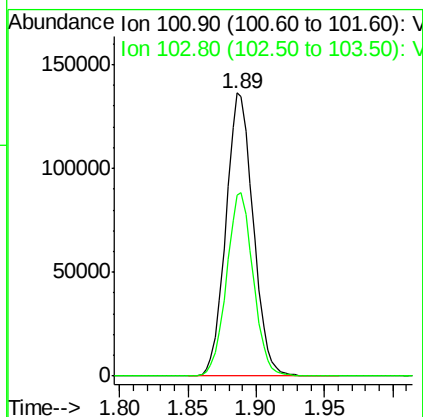
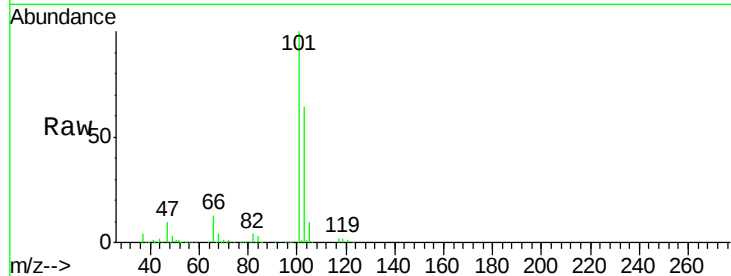
Trichlorofluoromethane
 Concen: 49.29 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.3	78.5

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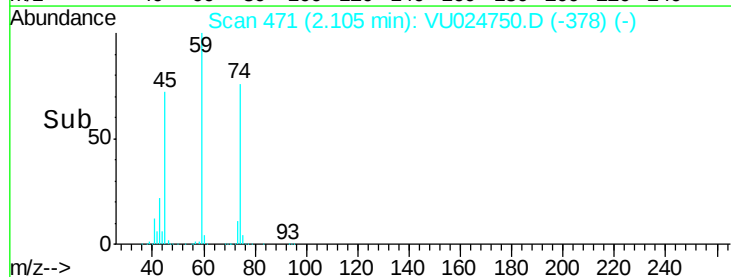
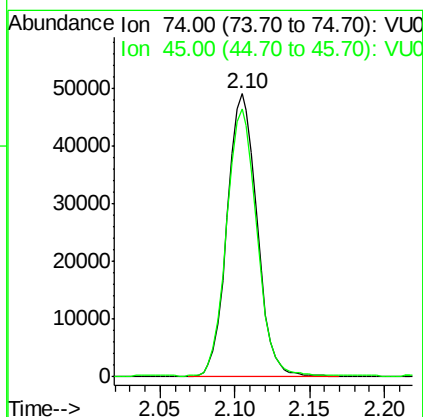
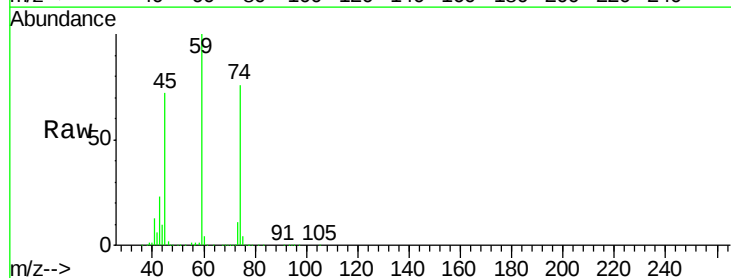
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#8

Diethyl Ether
 Concen: 52.44 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.03 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

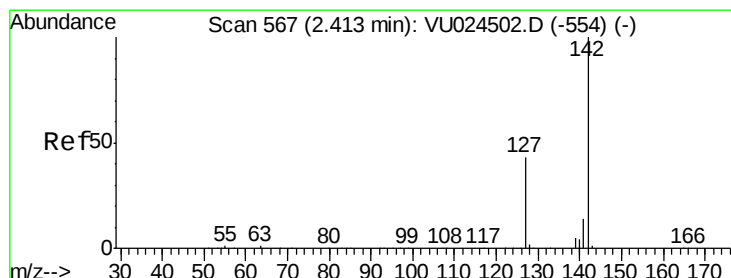
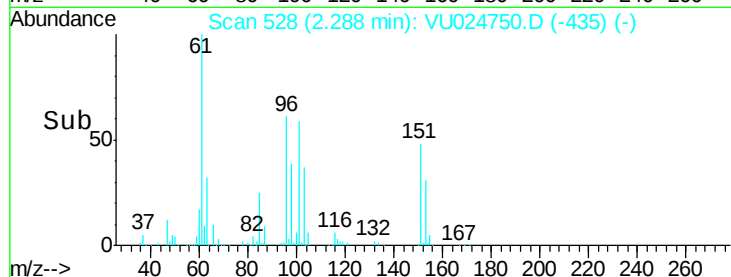
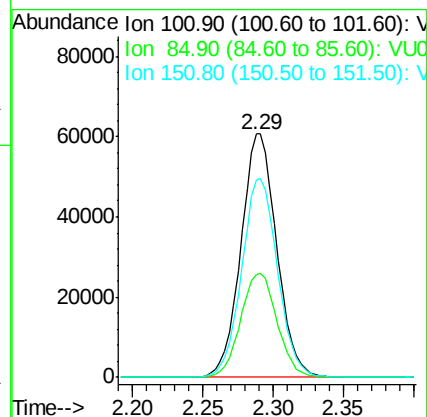
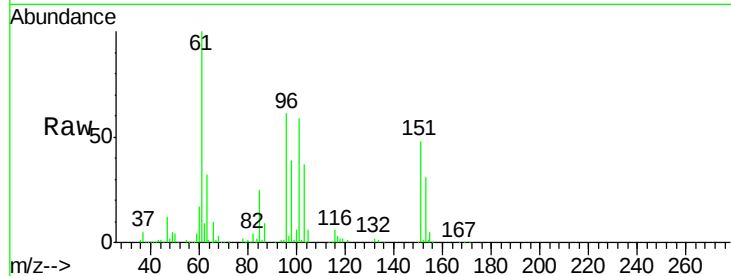
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	107596
Ion Ratio	Lower	Upper	
101	100		
85	43.6	36.0	54.0
151	82.5	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 41.26 ug/l

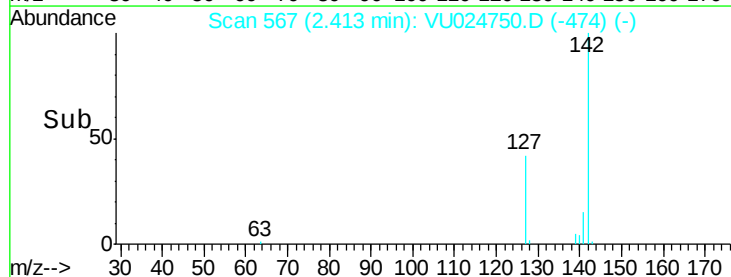
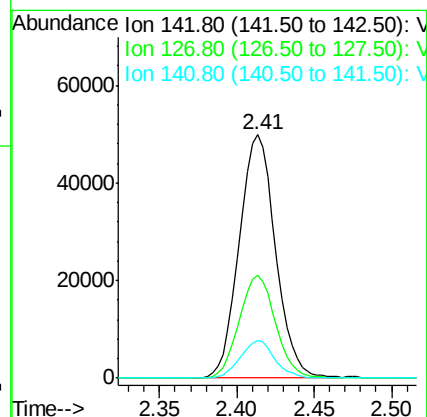
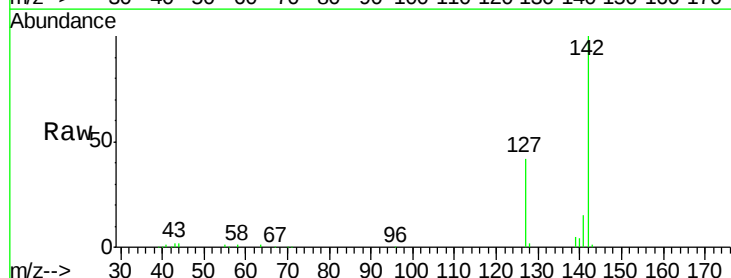
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Tgt Ion:	142	Resp:	81334
Ion Ratio	Lower	Upper	
142	100		
127	42.4	35.6	53.4
141	14.7	11.7	17.5





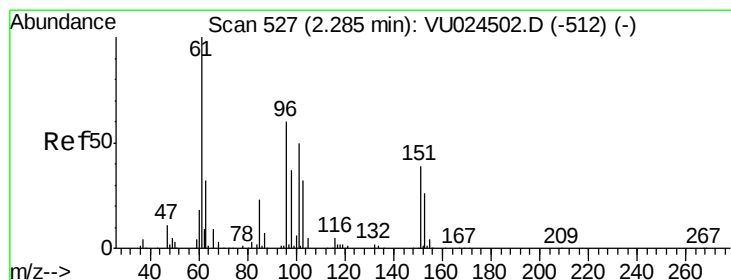
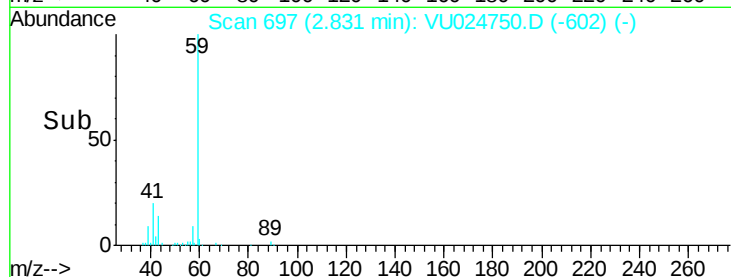
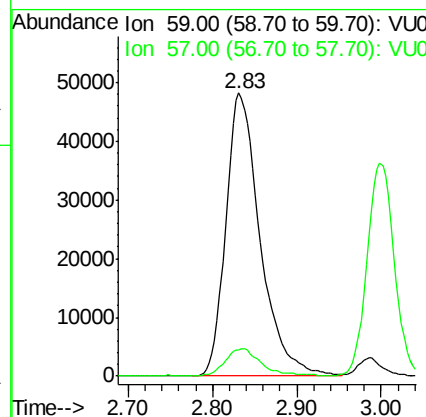
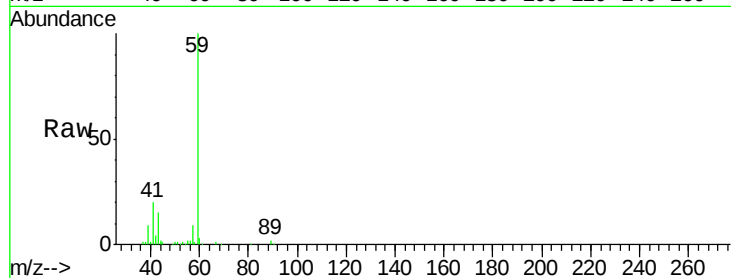
#11
Tert butyl alcohol
Concen: 179.11 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

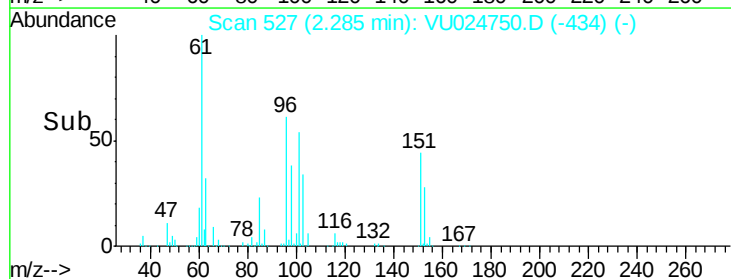
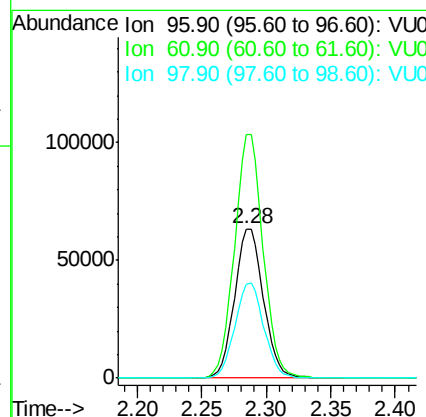
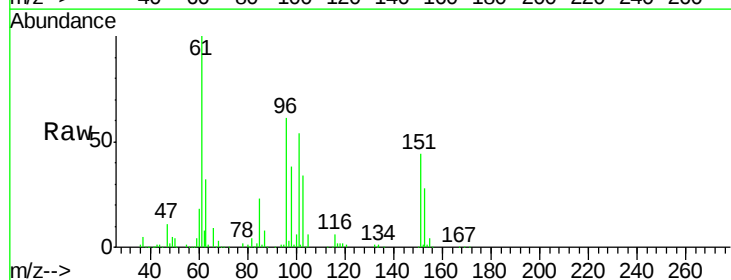
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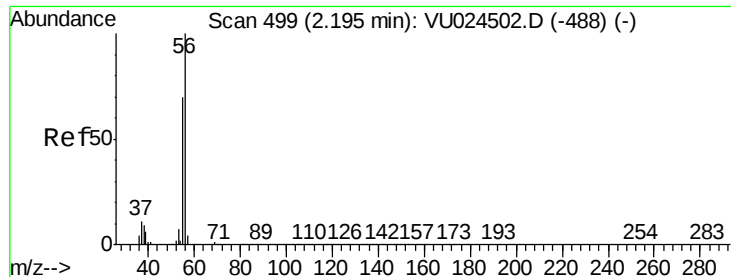
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#12
1,1-Dichloroethene
Concen: 44.93 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.2	141.7	212.5
98	62.7	51.6	77.4





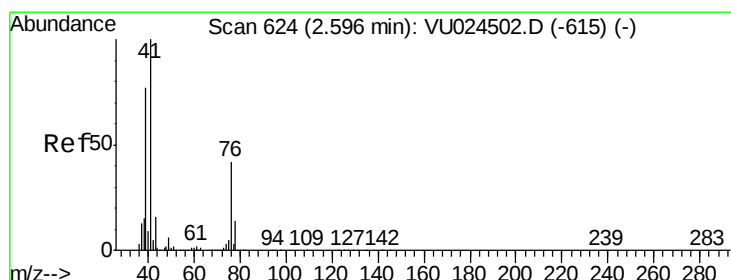
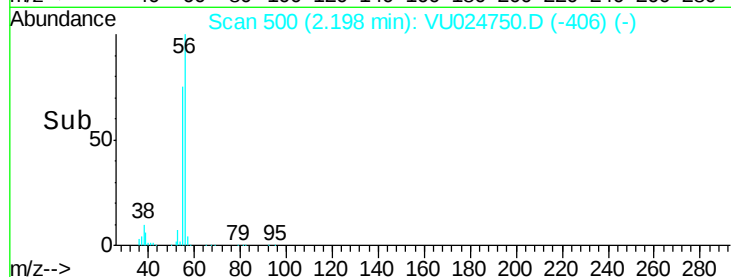
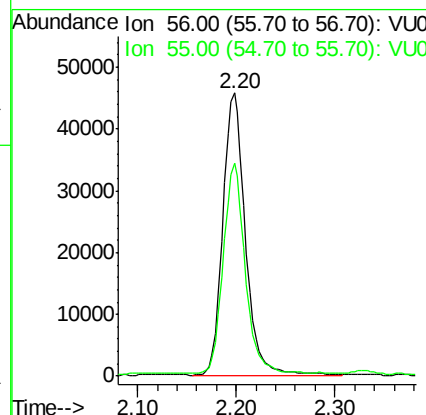
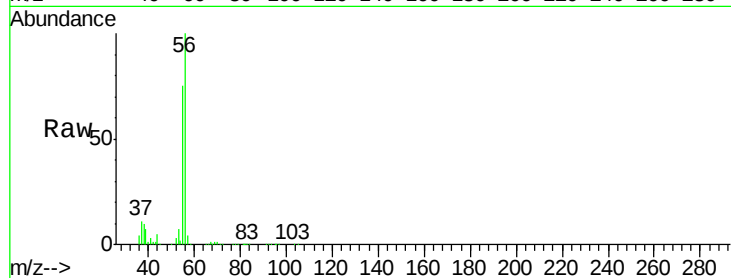
#13
Acrolein
Concen: 183.60 ug/l
RT: 2.20 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	72.7	58.4	87.6

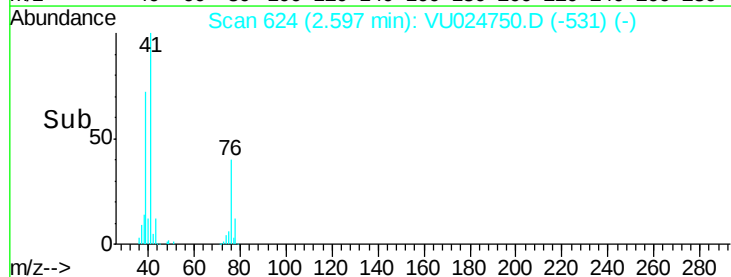
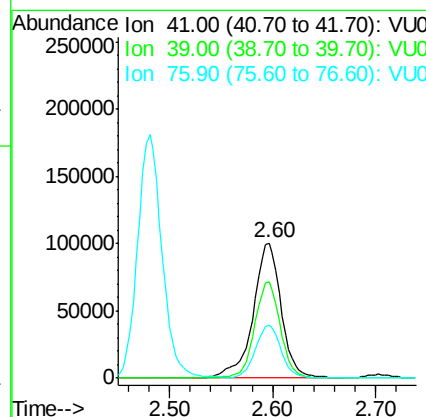
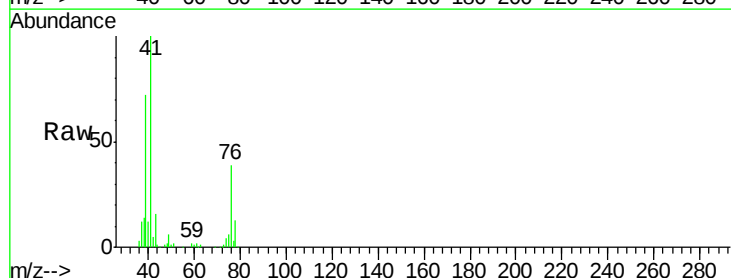
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#14
Allyl chloride
Concen: 46.55 ug/l
RT: 2.60 min Scan# 624
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	65.6	61.6	92.4
76	76	35.6	29.7	44.5





#15

Acrylonitrile

Concen: 218.07 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

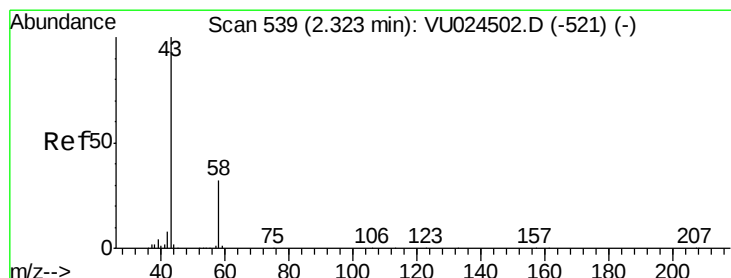
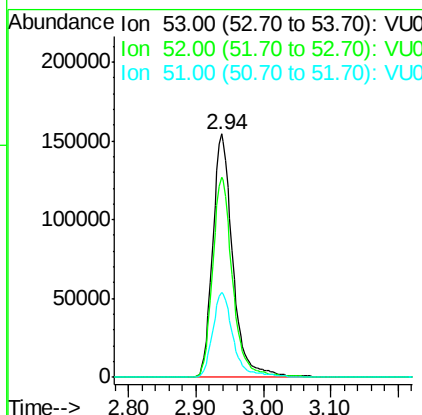
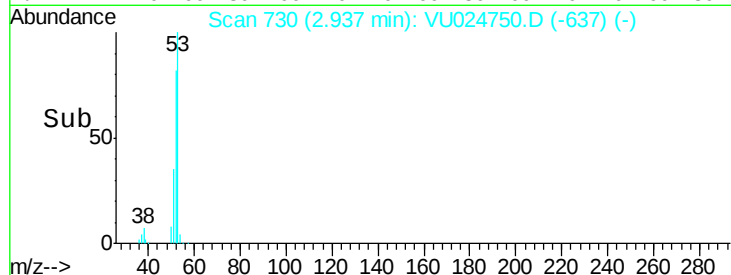
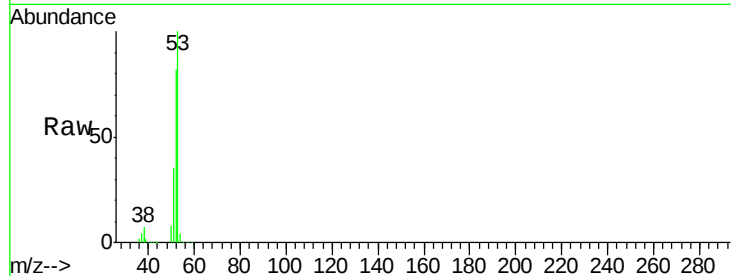
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	322357
Ion	Ratio	Lower	Upper
53	100		
52	81.6	67.1	100.7
51	35.8	28.4	42.6

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#16

Acetone

Concen: 203.51 ug/l

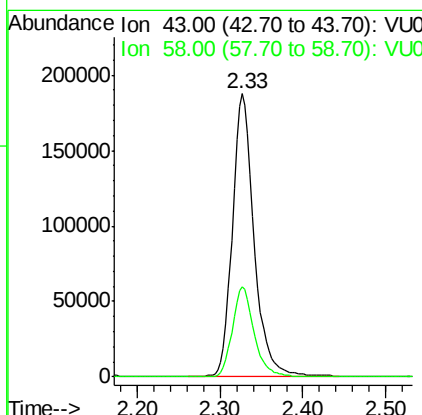
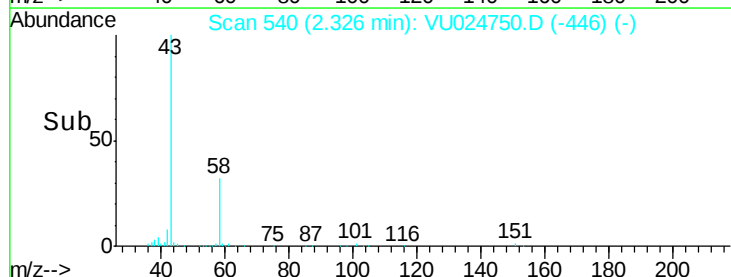
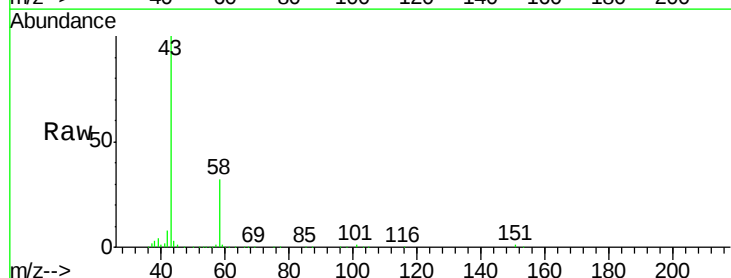
RT: 2.33 min Scan# 540

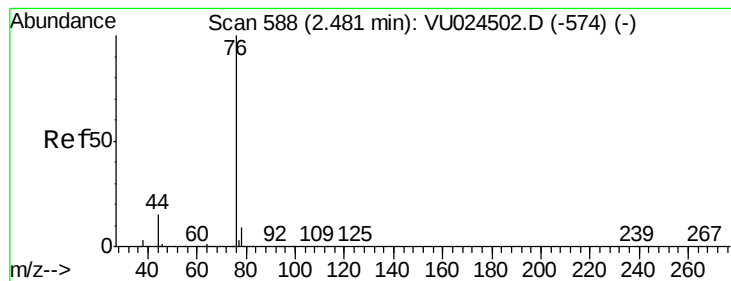
Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Tgt Ion:	43	Resp:	341582
Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.4	36.6





#17

Carbon Disulfide

Concen: 42.65 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 297561

Ion Ratio Lower Upper

76 100

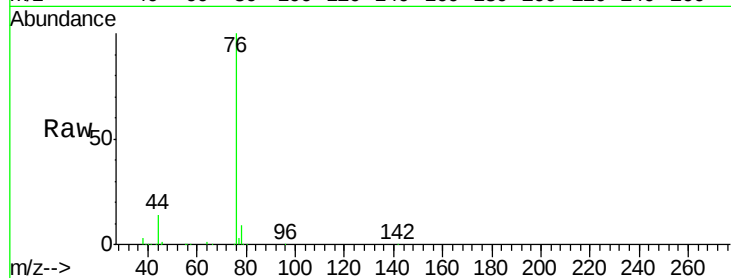
78 9.2 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VU024750.D (-574) (-)

Ion 77.90 (77.60 to 78.60): VU024750.D (-574) (-)

2.48

200000

150000

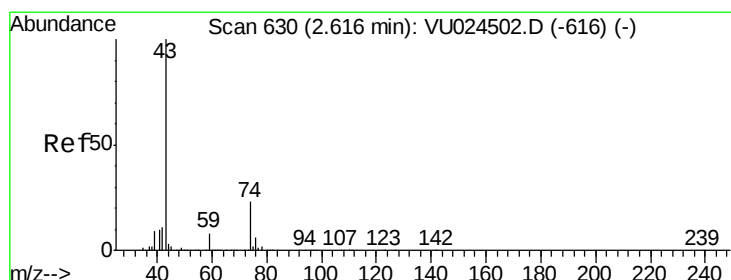
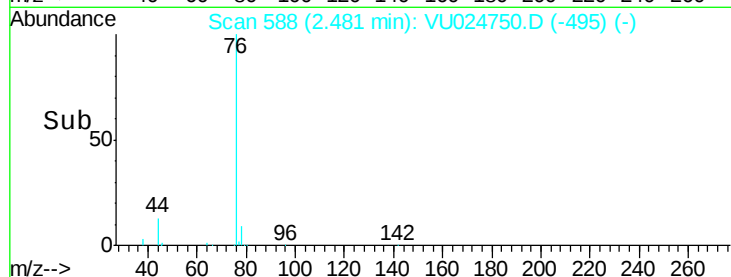
100000

50000

0

2.40 2.45 2.50 2.55 2.60

Time-->



#18

Methyl Acetate

Concen: 44.70 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024750.D

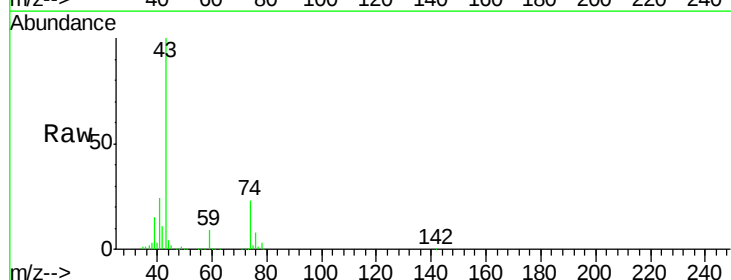
Acq: 20 Jun 2018 10:58

Tgt Ion: 43 Resp: 160843

Ion Ratio Lower Upper

43 100

74 23.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU024750.D (-616) (-)

Ion 74.00 (73.70 to 74.70): VU024750.D (-616) (-)

2.62

100000

80000

60000

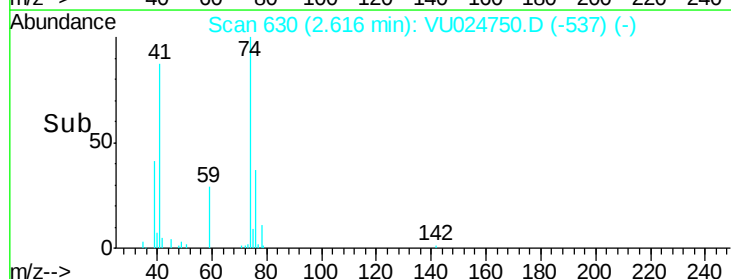
40000

20000

0

2.55 2.60 2.65 2.70

Time-->





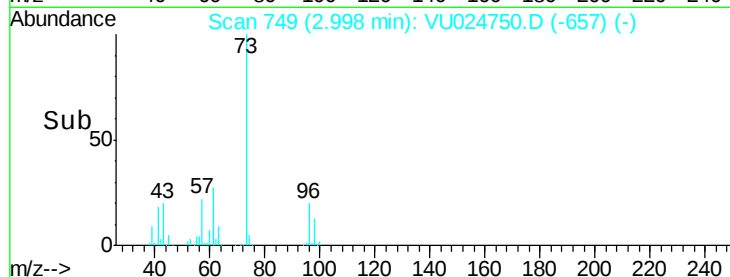
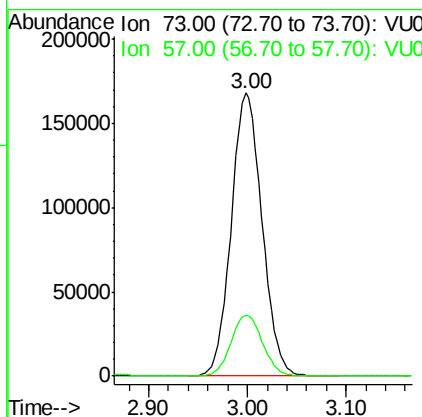
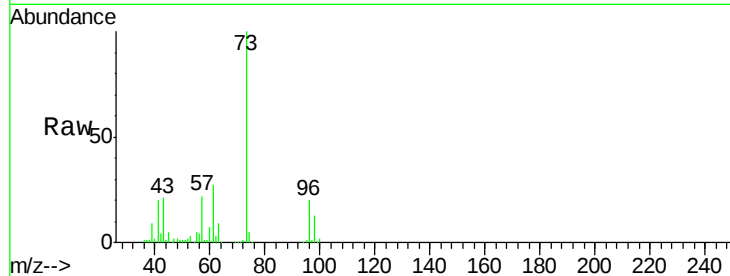
#19
Methvl tert-butvl Ether
Concen: 44.49 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.8	28.2

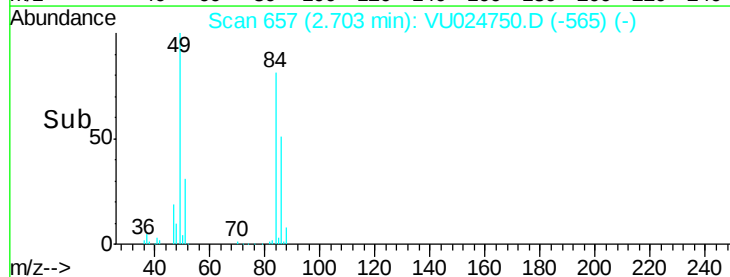
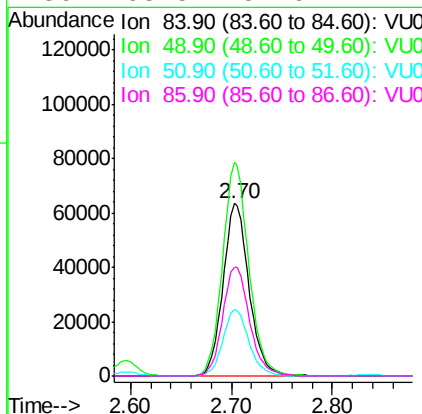
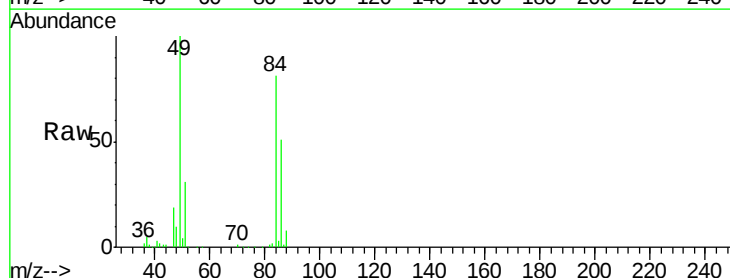
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#20
Methylene Chloride
Concen: 43.46 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.8	103.8	155.8
51	38.3	32.0	48.0
86	63.5	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 44.67 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

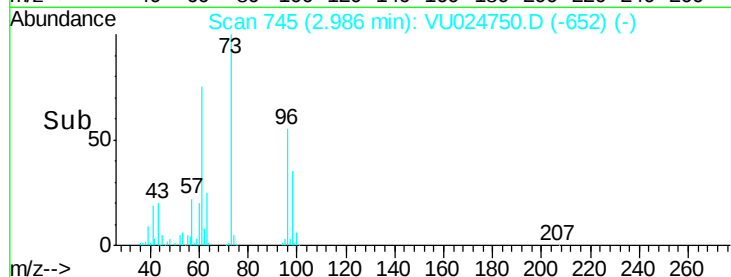
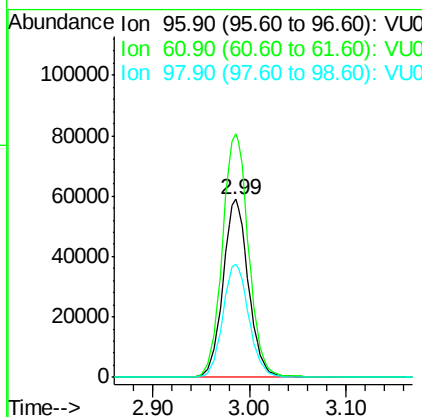
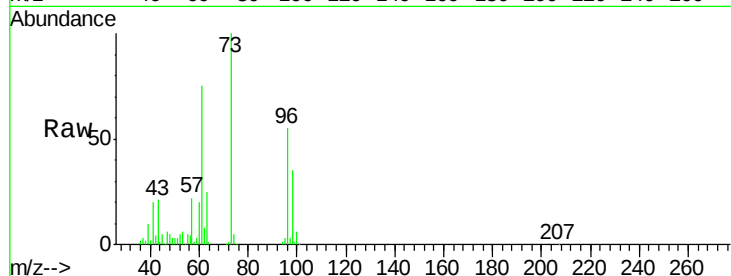
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	107199
Ion Ratio	Lower	Upper	
96	100		
61	136.7	119.4	179.0
98	63.7	51.1	76.7

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#22

Diisopropyl ether

Concen: 45.81 ug/l

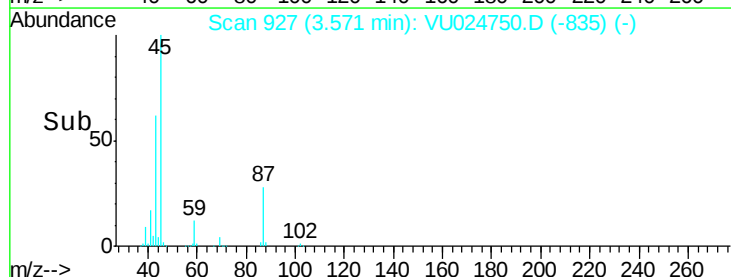
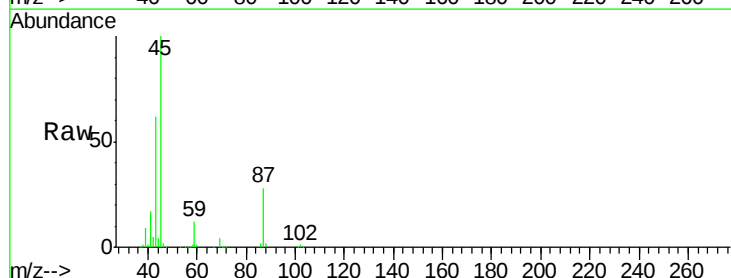
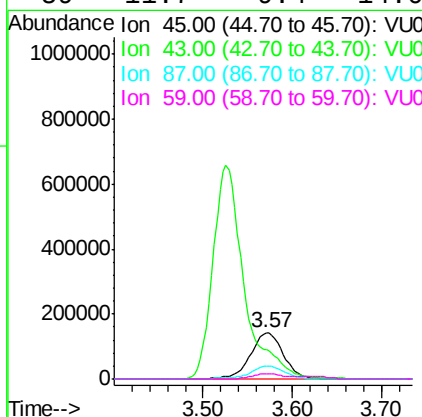
RT: 3.57 min Scan# 927

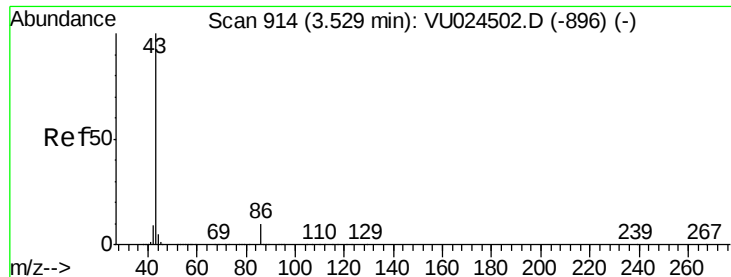
Delta R.T. -0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Tgt Ion:	45	Resp:	367371
Ion Ratio	Lower	Upper	
45	100		
43	60.5	45.8	68.6
87	28.2	20.6	31.0
59	11.7	9.4	14.0





#23

Vinyl Acetate

Concen: 223.03 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1602238

Ion Ratio Lower Upper

43 100

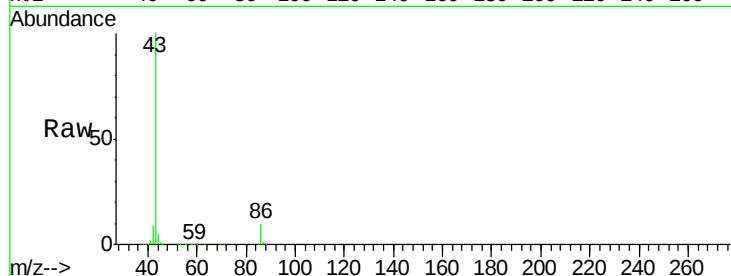
86 10.4 7.8 11.8

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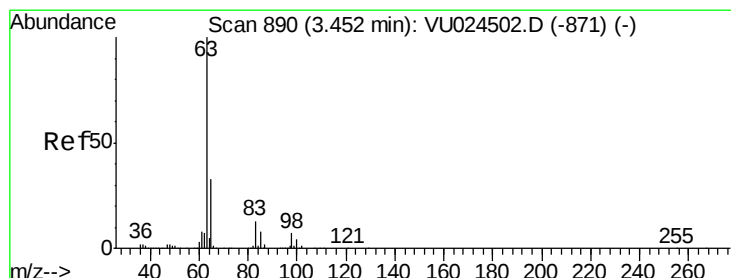
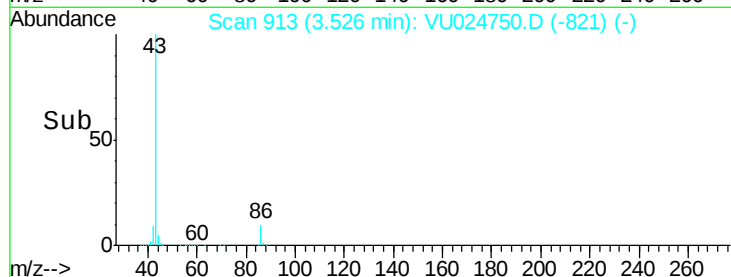
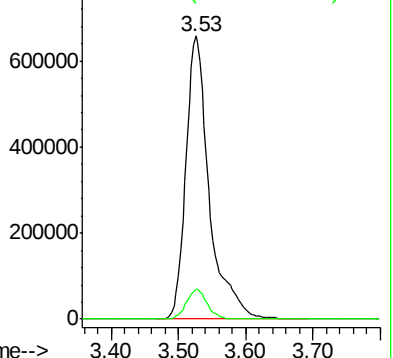
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 45.14 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

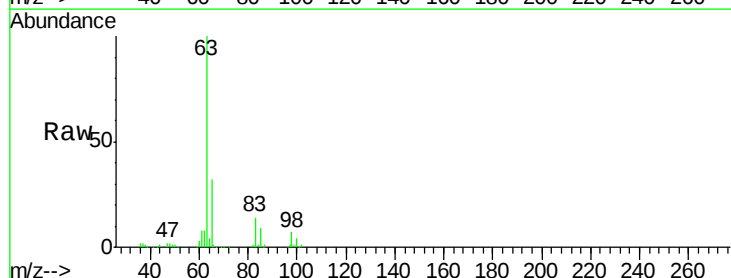
Tgt Ion: 63 Resp: 208263

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

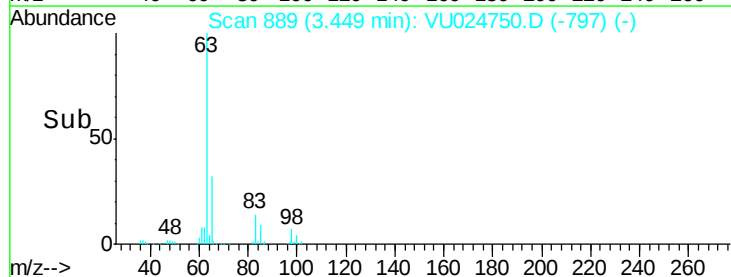
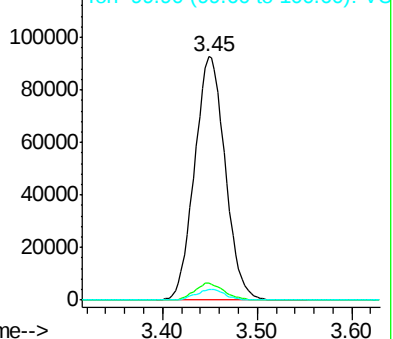
100 4.2 1.8 5.5



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





#25

2-Butanone

Concen: 213.61 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 481608

Ion Ratio Lower Upper

43 100

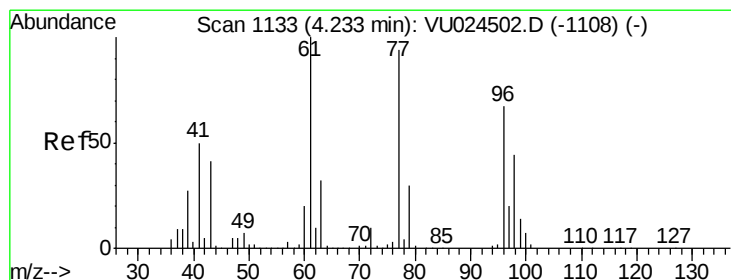
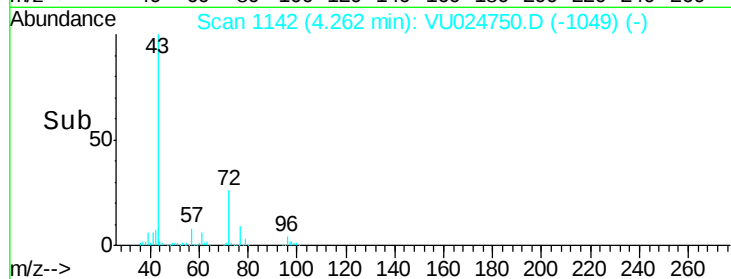
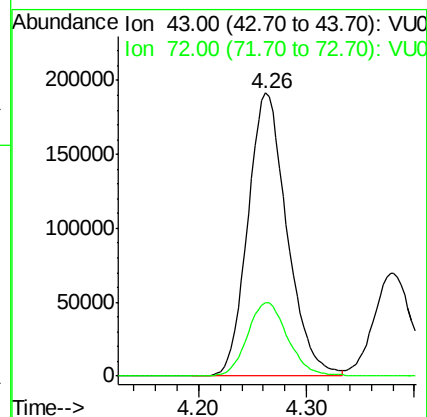
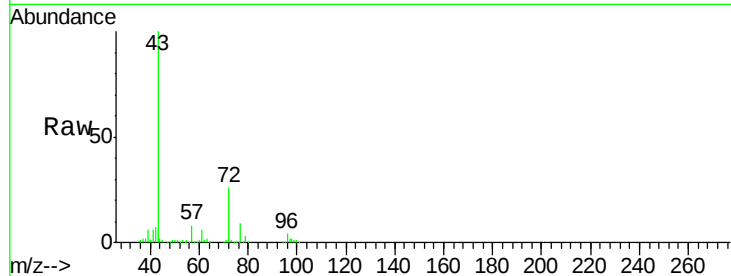
72 26.1 19.6 29.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.18 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024750.D

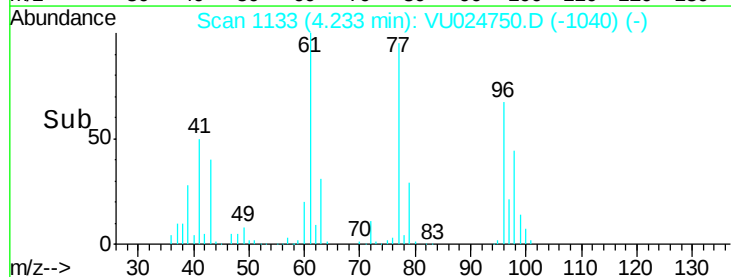
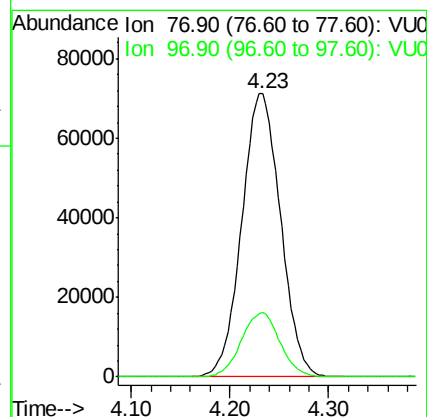
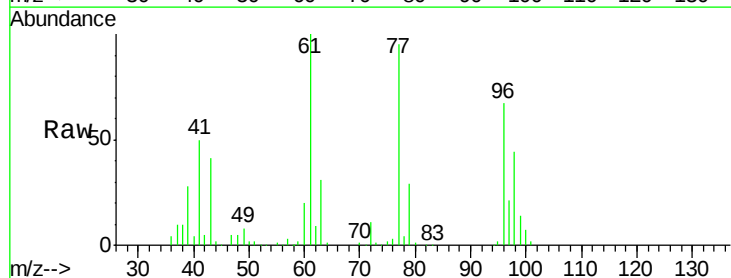
Acq: 20 Jun 2018 10:58

Tgt Ion: 77 Resp: 193553

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 45.92 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

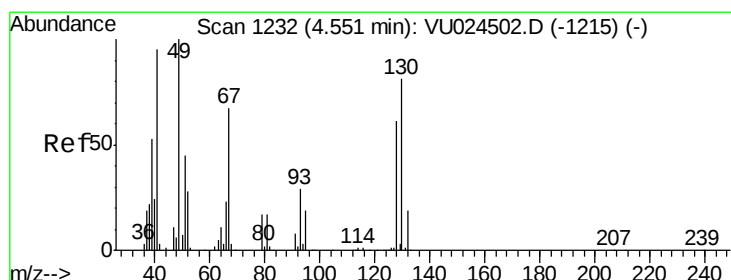
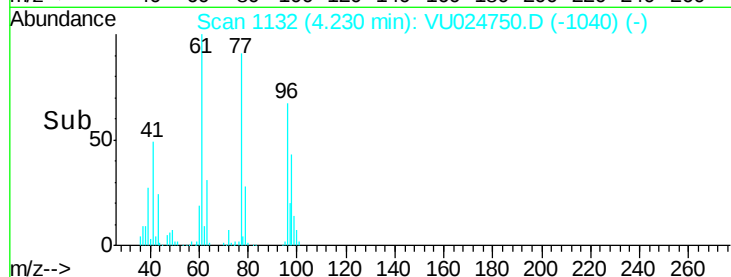
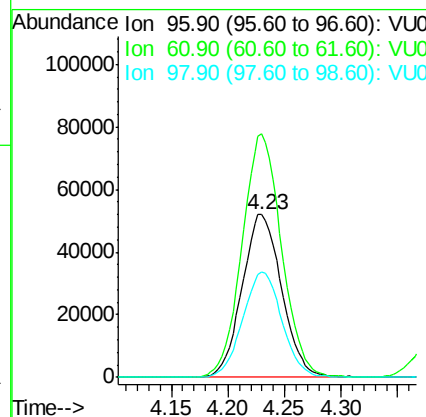
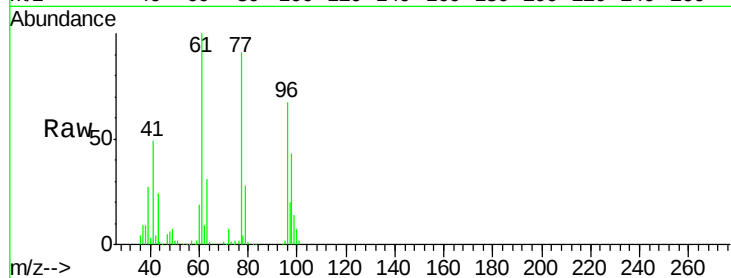
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	126693
Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	306.6
98	64.5	0.0	128.8

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#28

Bromochloromethane

Concen: 45.98 ug/l

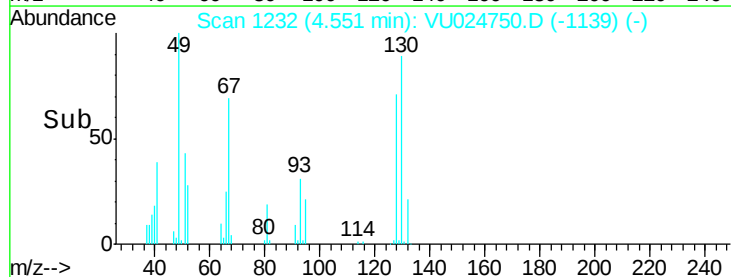
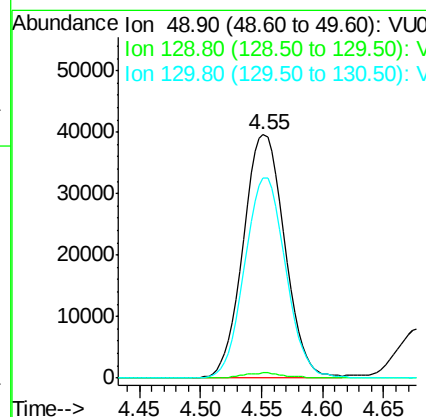
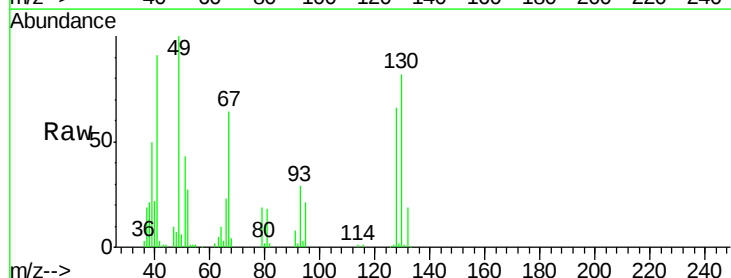
RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Tgt Ion:	49	Resp:	93432
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	81.1	57.8	86.6





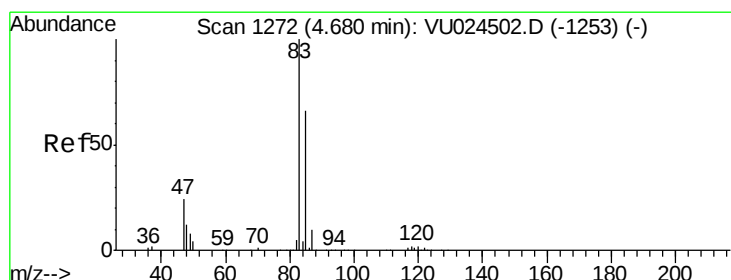
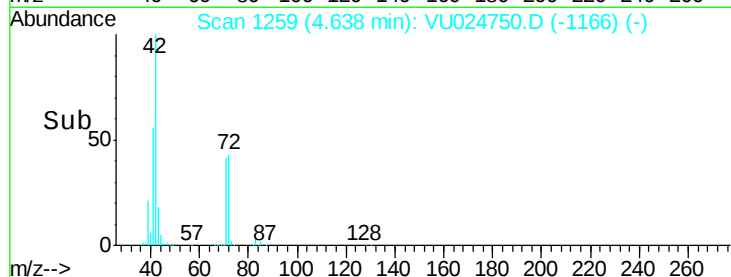
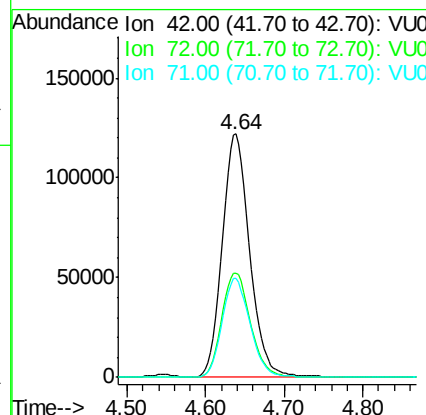
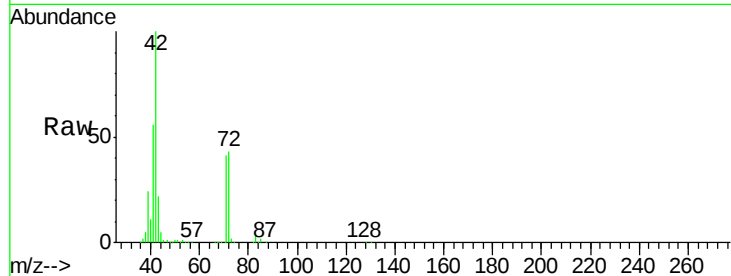
#29
Tetrahydrofuran
Concen: 208.36 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.5	51.7
71	42.0	32.2	48.4

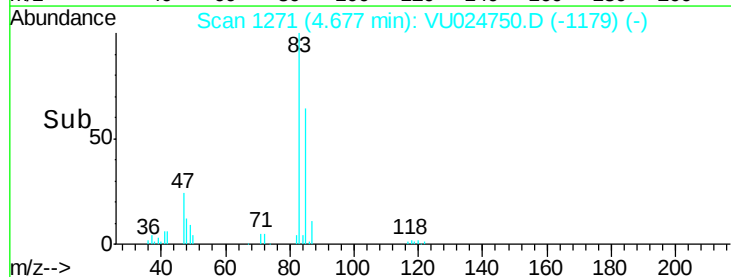
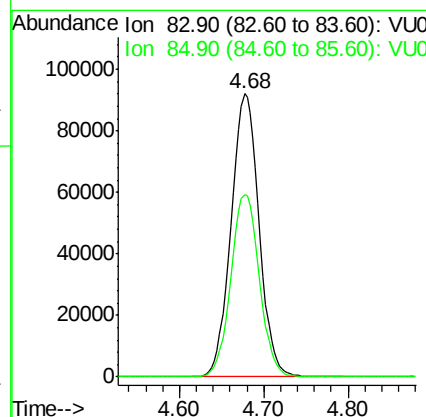
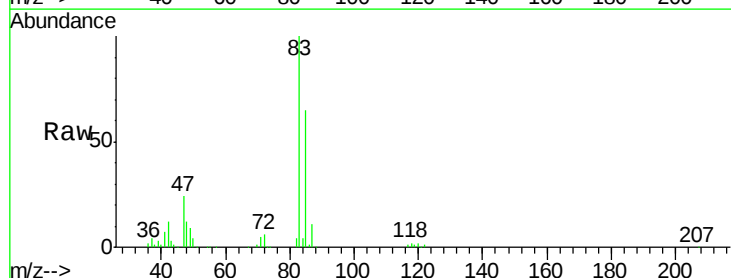
Manual Integrations
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#30
Chloroform
Concen: 45.45 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.4	78.6





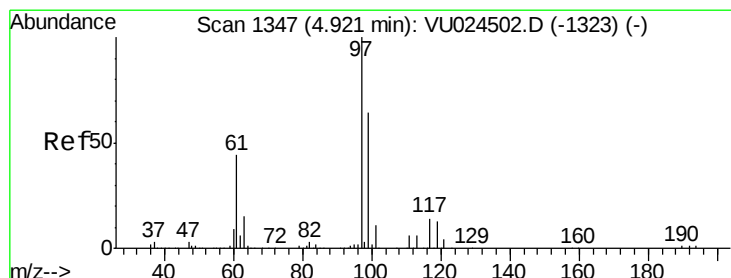
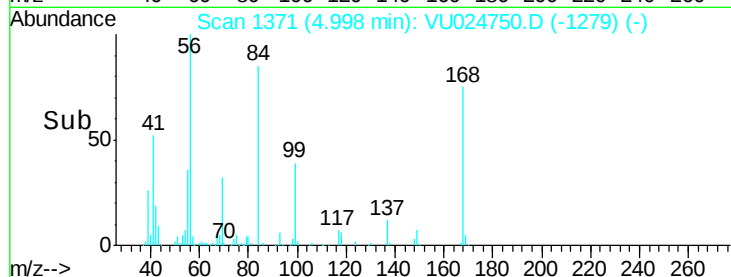
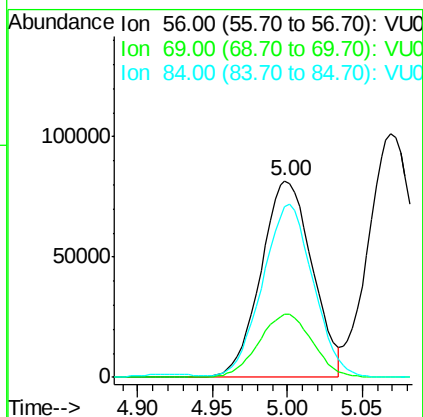
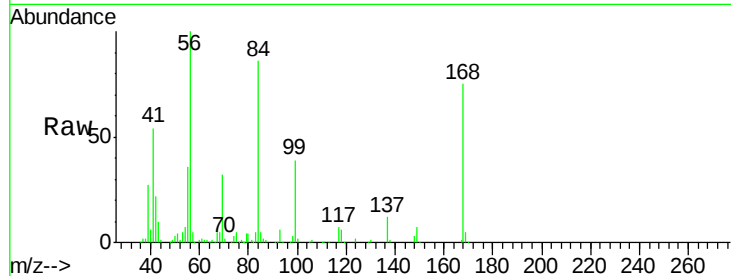
#31
Cyclohexane
Concen: 47.43 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.8	37.2
84	85.3	65.2	97.8

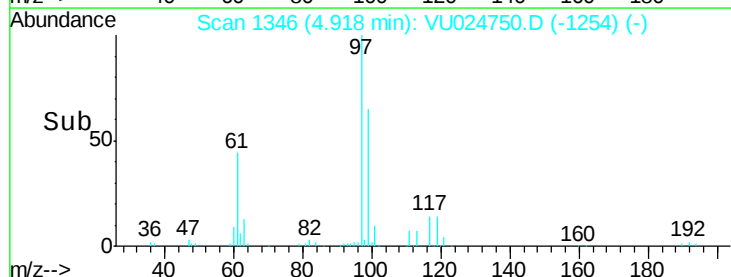
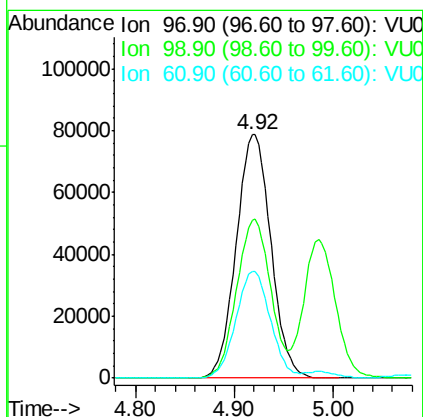
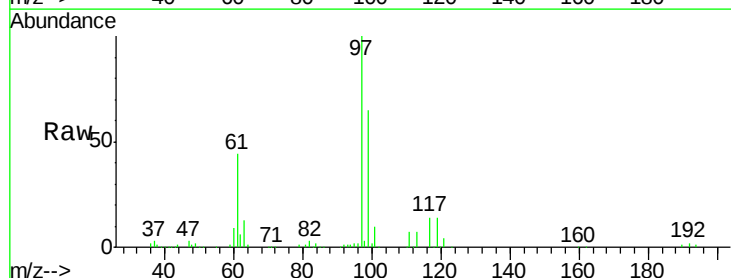
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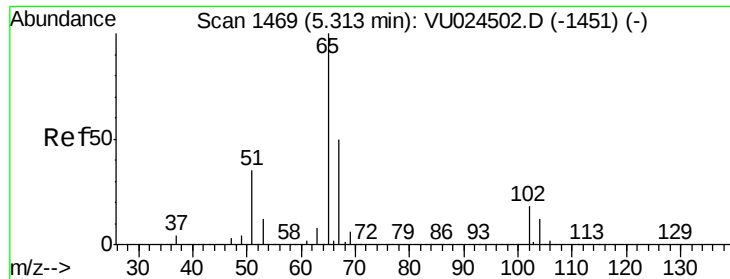
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#32
1,1,1-Trichloroethane
Concen: 44.33 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.6
61	43.7	39.4	59.0





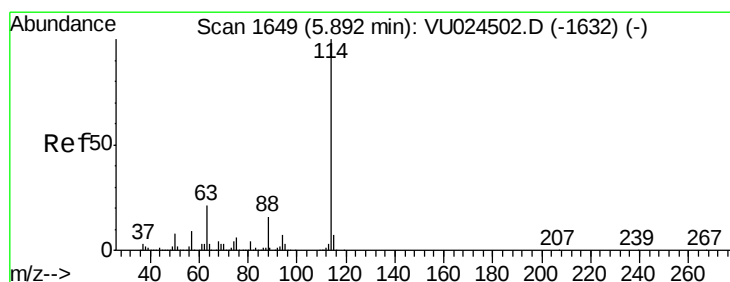
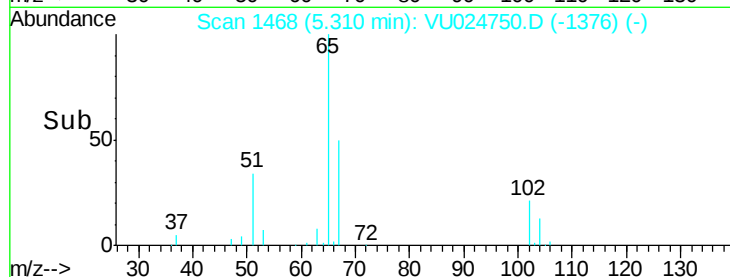
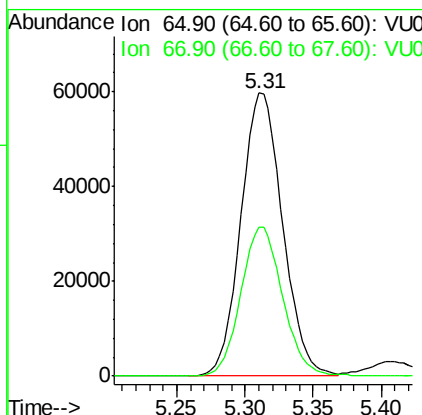
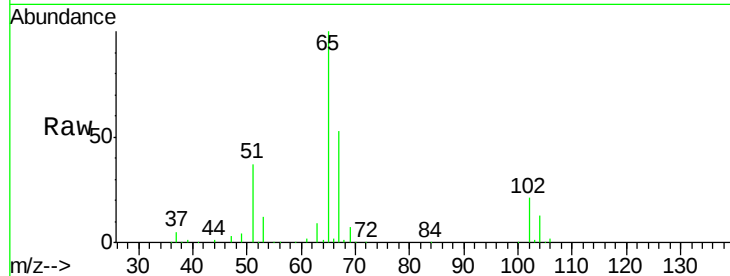
#33
 1,2-Dichloroethane-d4
 Concen: 40.54 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	126655		
67	52.9	0.0	107.0	

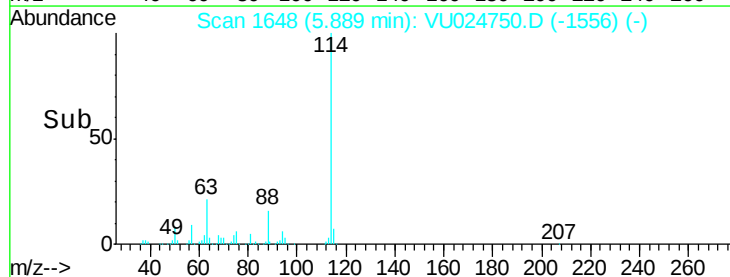
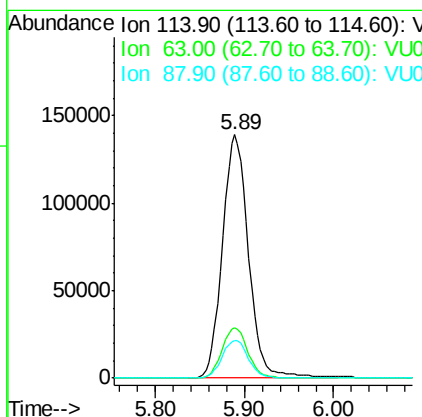
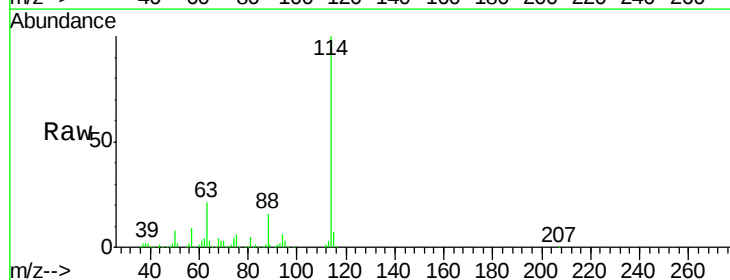
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	282219		
63	20.8	0.0	45.4	
88	15.6	0.0	31.0	





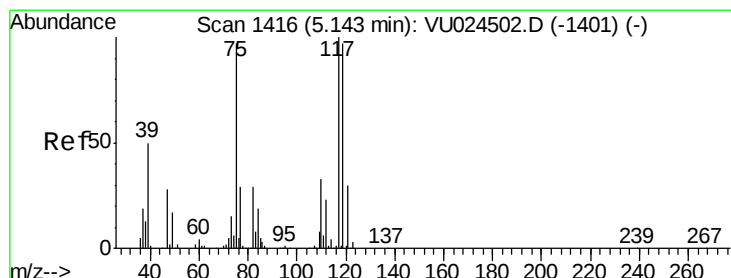
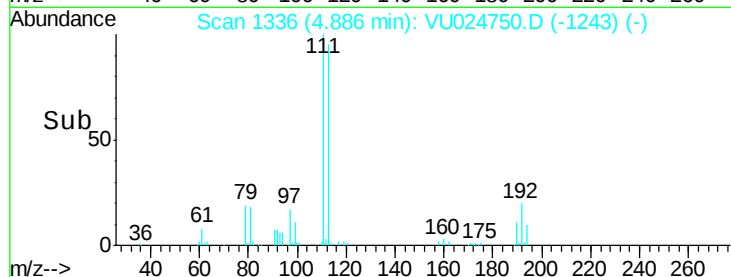
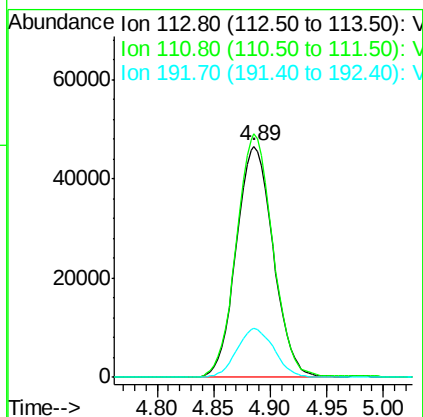
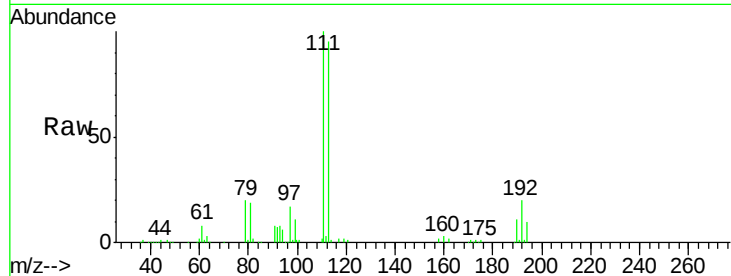
#35
 Dibromofluoromethane
 Concen: 45.35 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106213		
111	103.5	82.2	123.4	
192	21.2	16.2	24.4	

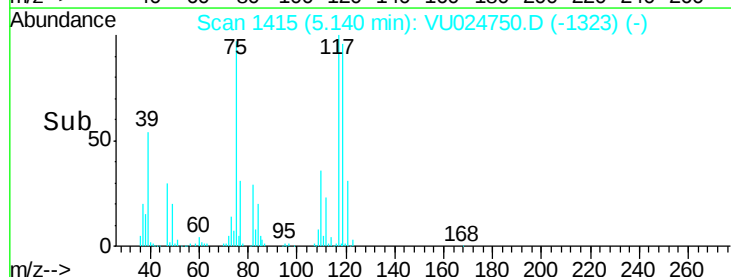
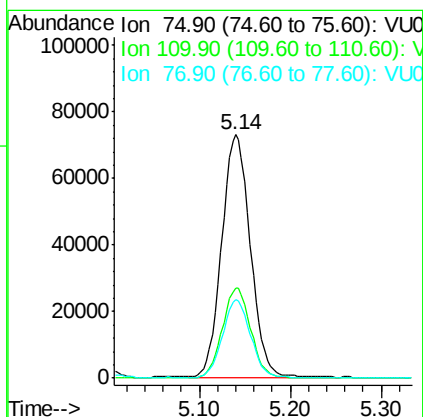
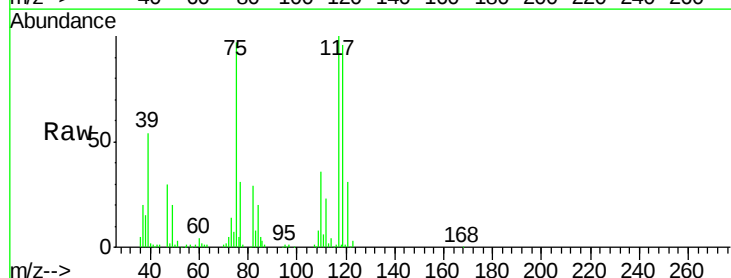
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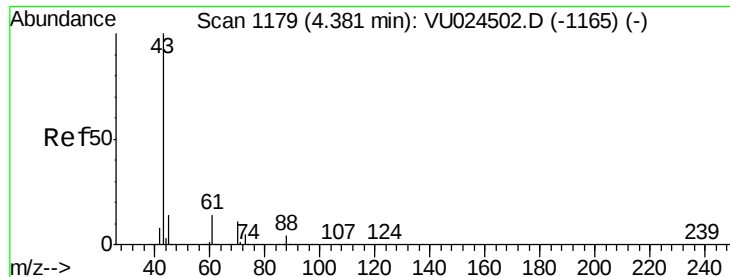
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#36
 1,1-Dichloropropene
 Concen: 47.91 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	158872		
110	36.8	17.0	50.9	
77	31.3	24.2	36.4	





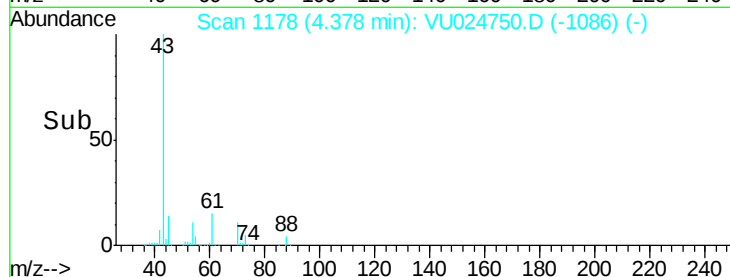
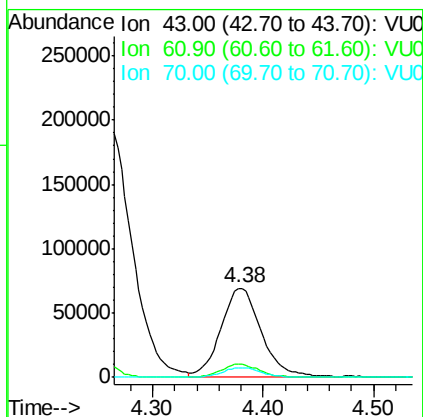
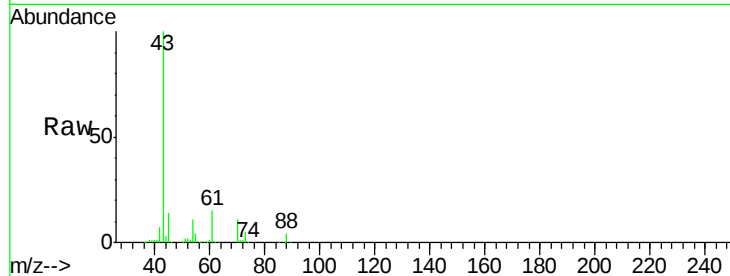
#37
Ethyl Acetate
Concen: 47.91 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.5	15.7
70	10.6	7.4	11.2

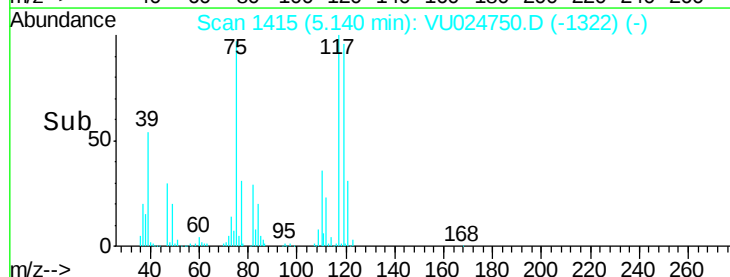
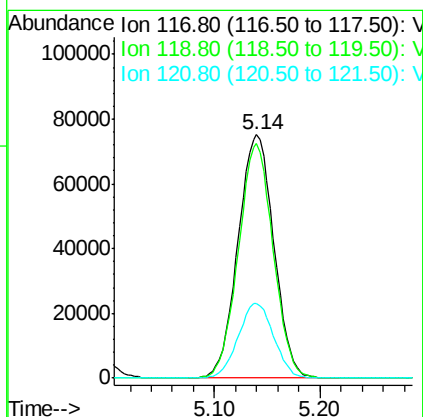
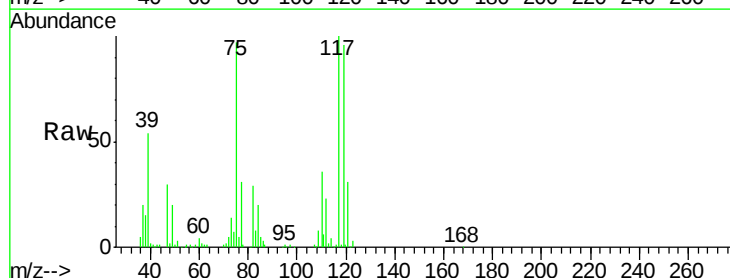
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 48.57 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.1	114.1
121	30.6	23.7	35.5





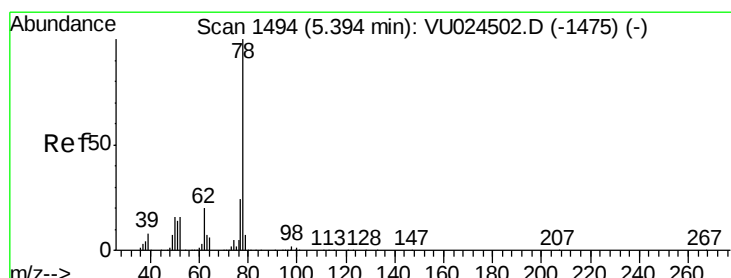
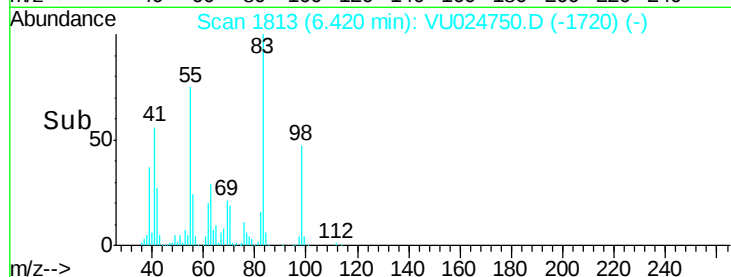
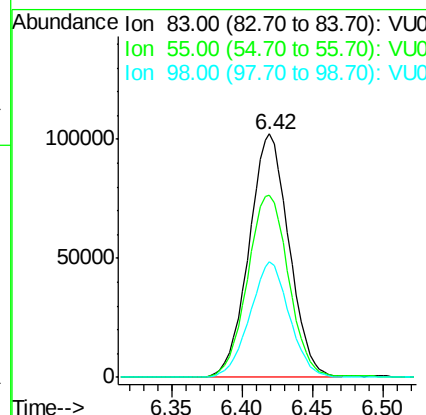
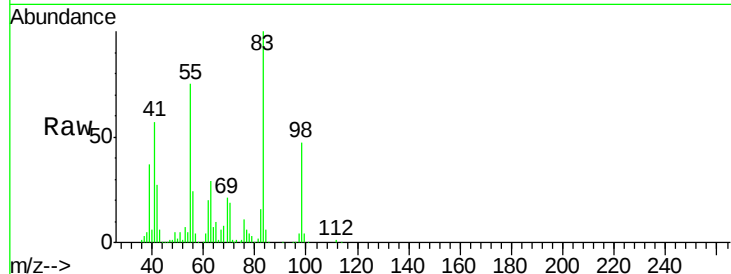
#39
Methvlcvclohexane
Concen: 49.06 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	65.8	98.6
98	47.3	36.7	55.1

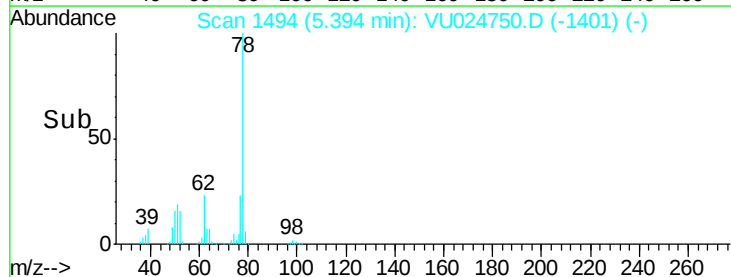
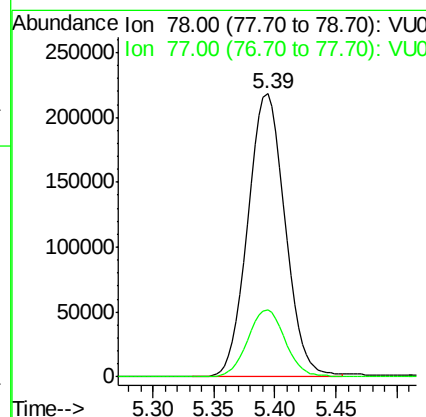
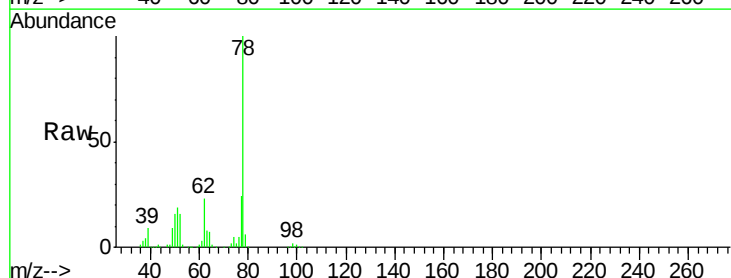
Manual Integrations
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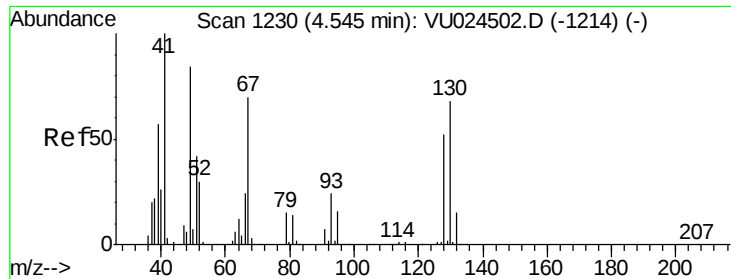
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#40
Benzene
Concen: 48.77 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





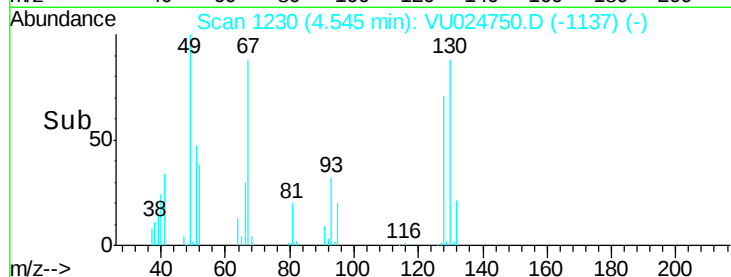
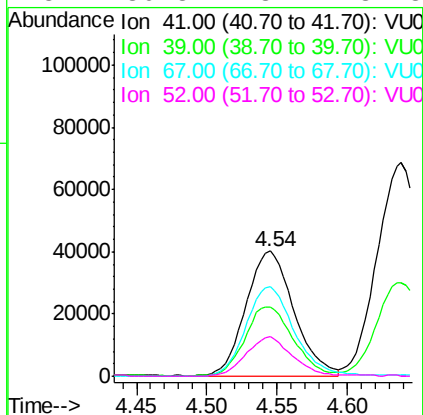
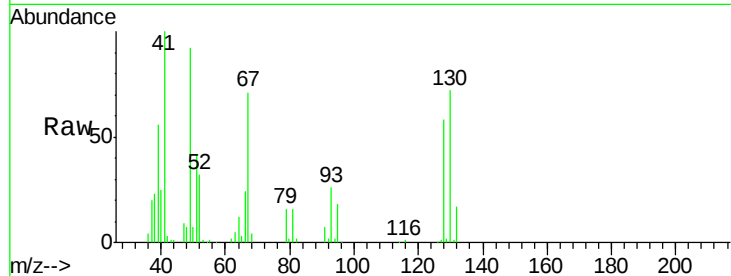
#41
Methacrylonitrile
Concen: 48.78 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	43.8	65.6	
67	72.7	56.3	84.5	
52	30.8	23.2	34.8	

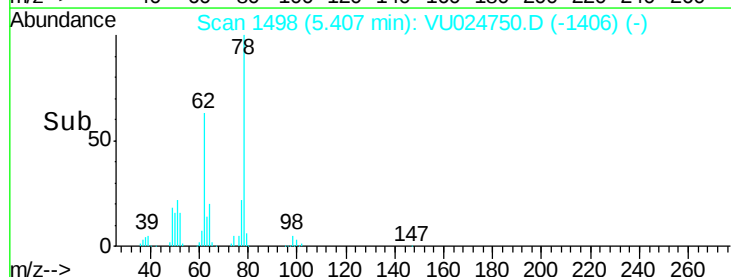
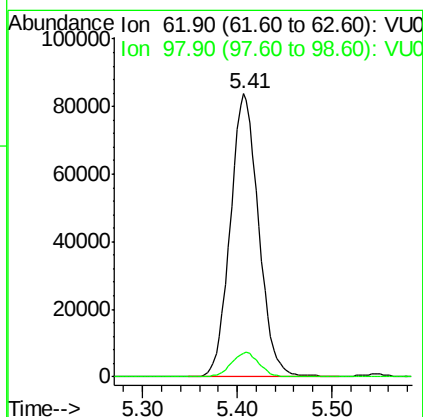
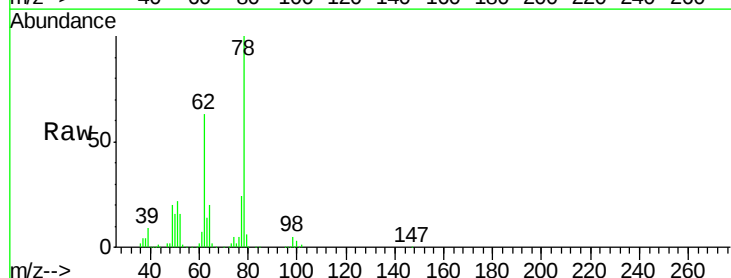
Manual Integrations
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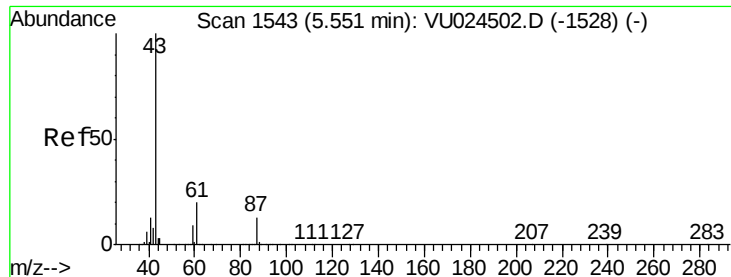
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#42
1,2-Dichloroethane
Concen: 48.51 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	16.6	





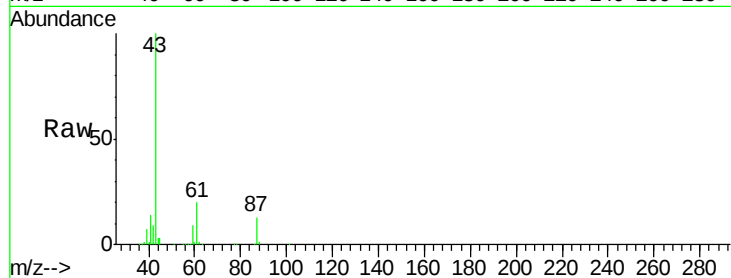
#43
Isopropyl Acetate
Concen: 45.50 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.4	23.0
87	13.7	10.0	15.0

Manual Integrations
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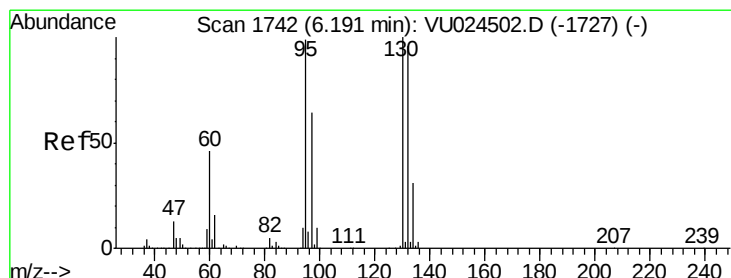
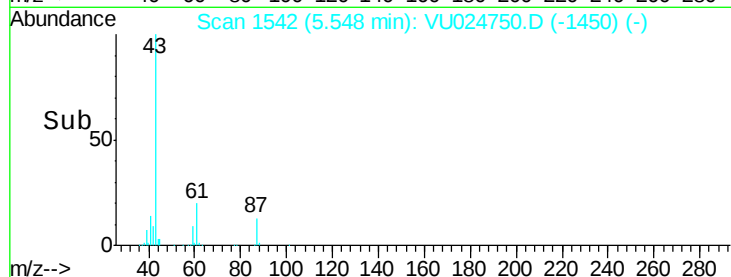
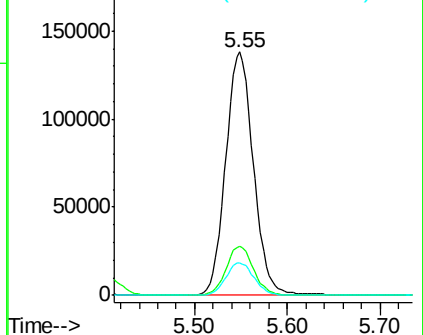
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Abundance Ion 43.00 (42.70 to 43.70): VU024750.D (-1450) (-)

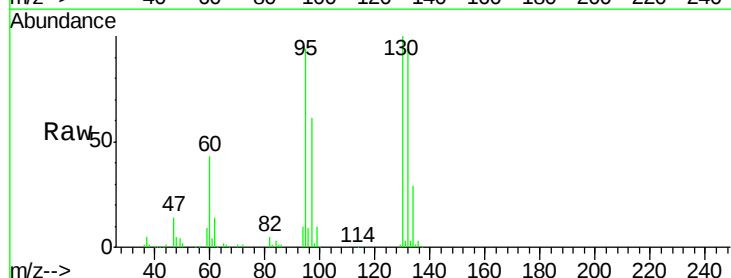
Ion 61.00 (60.70 to 61.70): VU024750.D (-1450) (-)

Ion 87.00 (86.70 to 87.70): VU024750.D (-1450) (-)



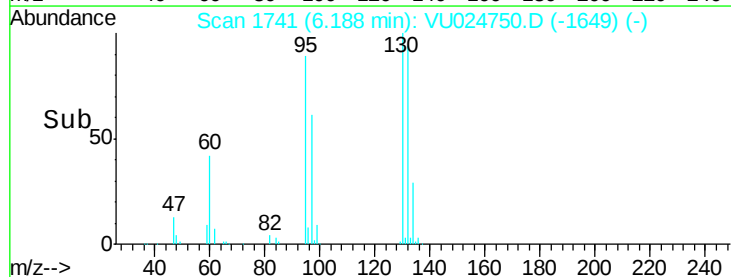
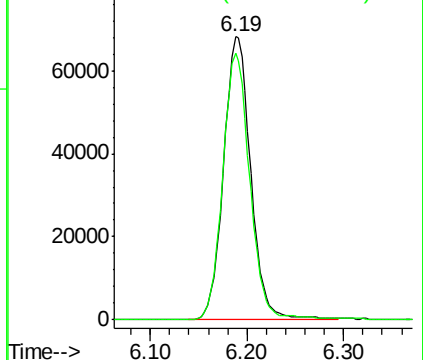
#44
Trichloroethene
Concen: 49.47 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024750.D (-1649) (-)

Ion 94.90 (94.60 to 95.60): VU024750.D (-1649) (-)





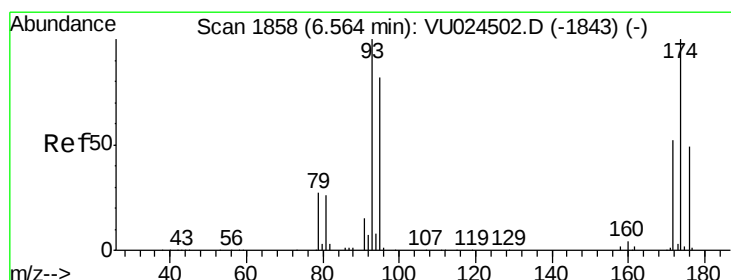
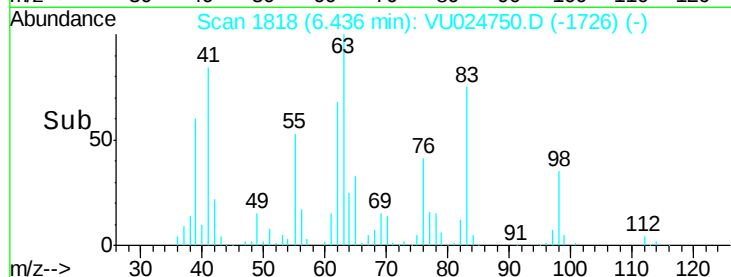
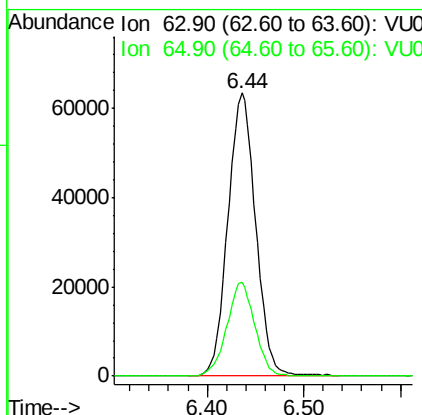
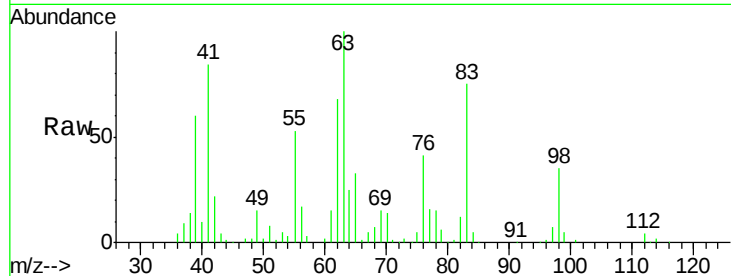
#45
 1,2-Dichloropropane
 Concen: 50.23 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 126650
 Ion Ratio Lower Upper
 63 100
 65 33.4 24.8 37.2

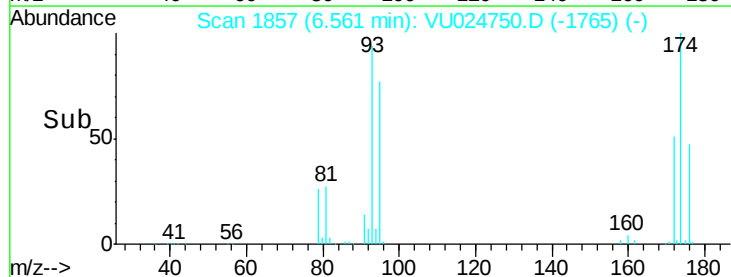
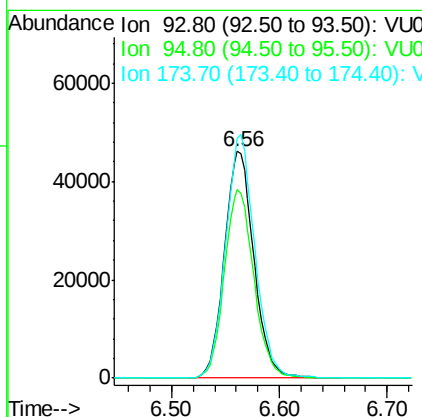
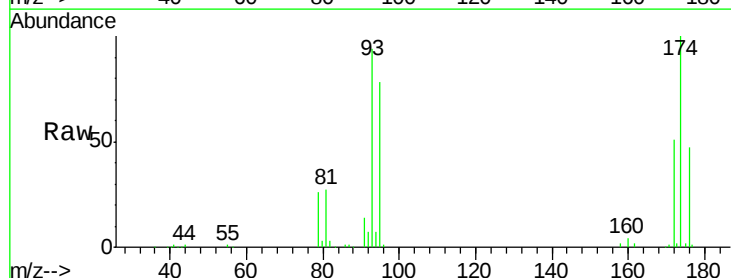
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#46
 Dibromomethane
 Concen: 49.64 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Tgt Ion: 93 Resp: 87916
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.5 98.3
 174 106.0 78.7 118.1





#47

Bromodichloromethane

Concen: 47.72 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

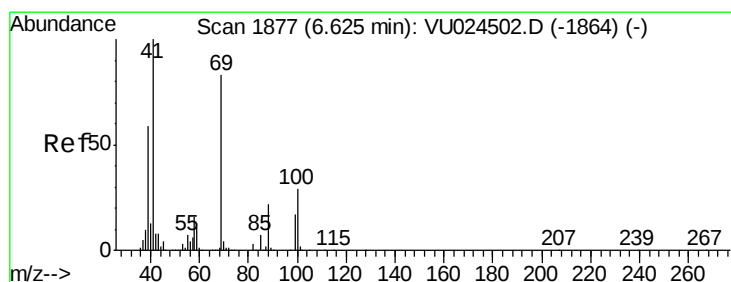
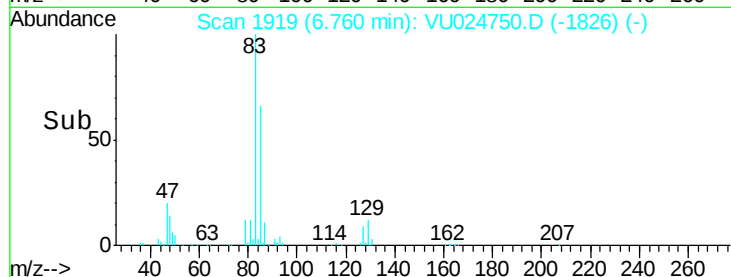
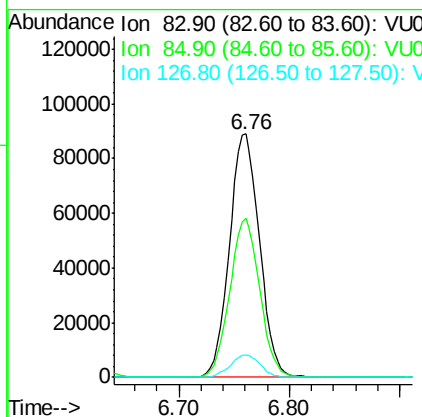
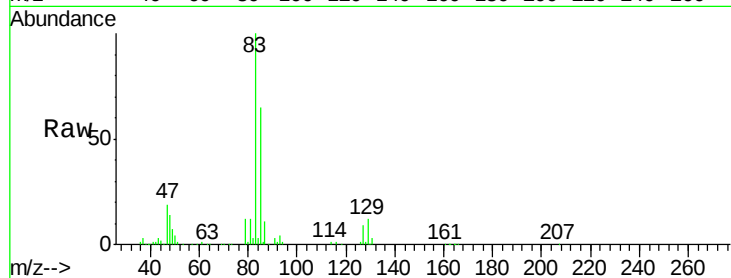
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	168295
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.9	77.9
127	9.3	6.6	9.8

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#48

Methyl methacrylate

Concen: 46.56 ug/l

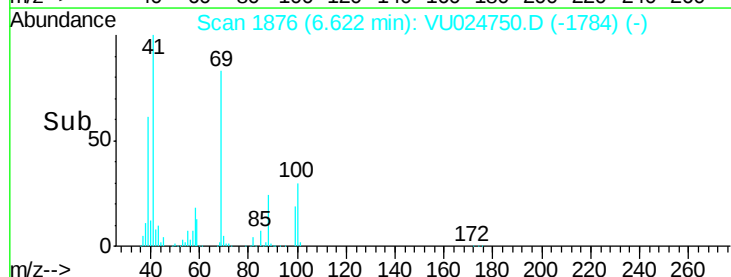
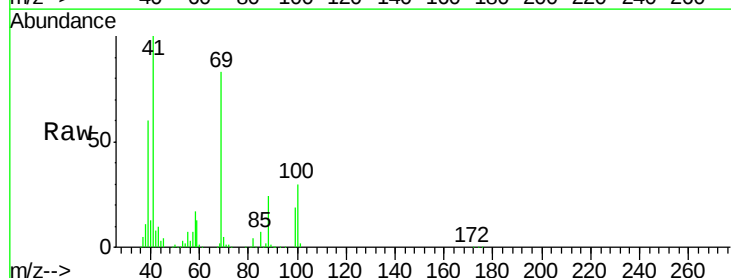
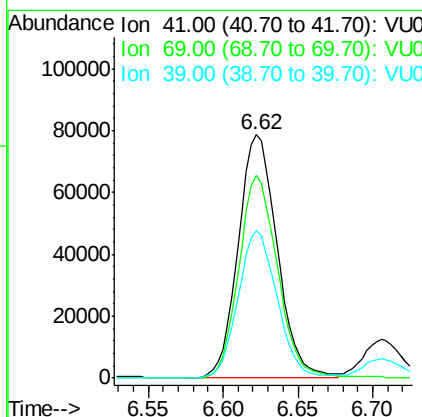
RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Tgt Ion:	41	Resp:	141662
Ion Ratio	Lower	Upper	
41	100		
69	83.2	67.3	100.9
39	60.5	46.5	69.7





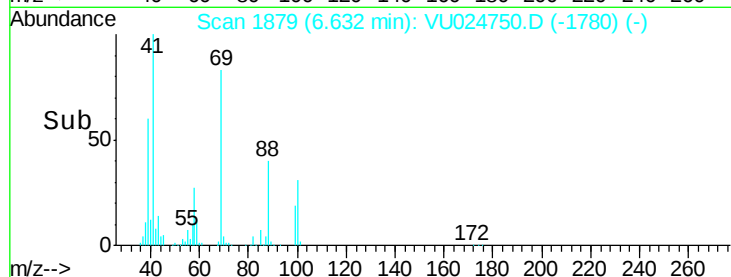
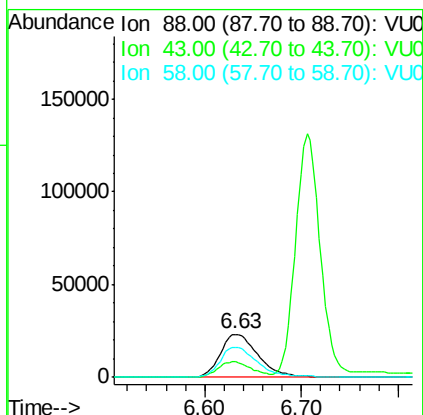
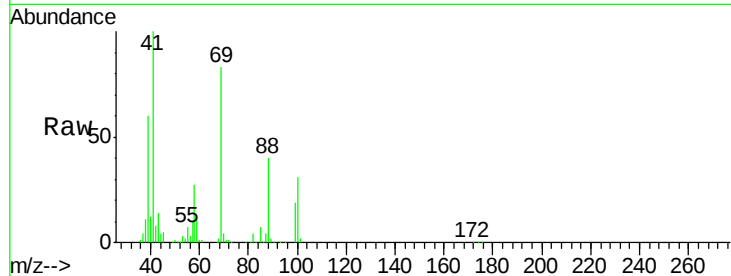
#49
 1,4-Dioxane
 Concen: 1070.41 ug/l
 RT: 6.63 min Scan# 1879
 Delta R.T. 0.02 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	28.6	42.8
58	69.6	58.2	87.4

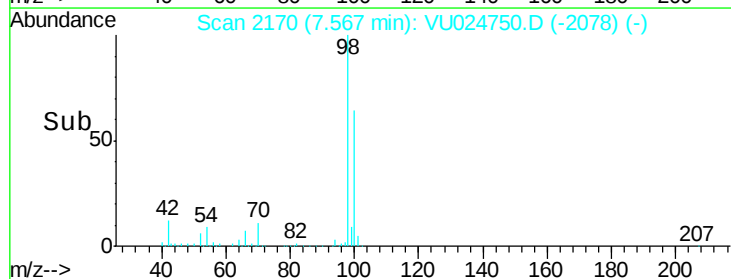
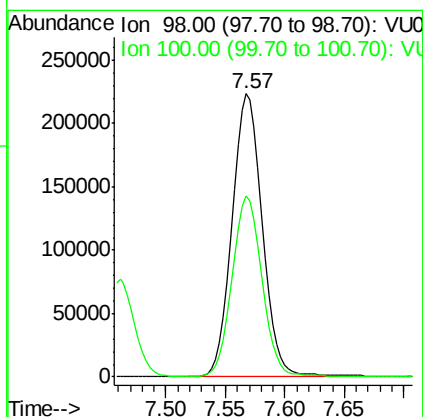
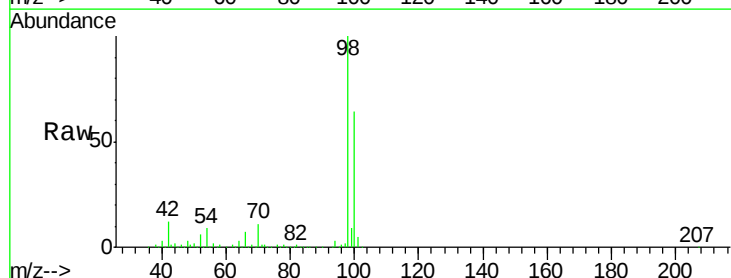
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#50
 Toluene-d8
 Concen: 46.03 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 229.98 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 902734

Ion Ratio Lower Upper

43 100

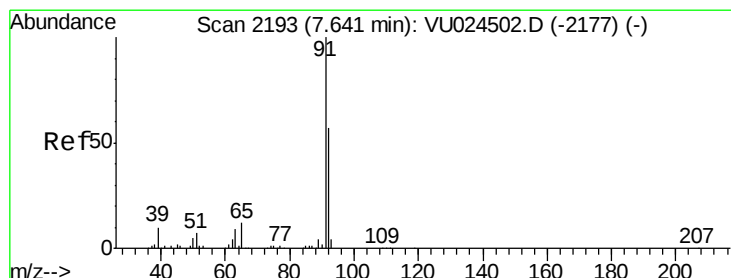
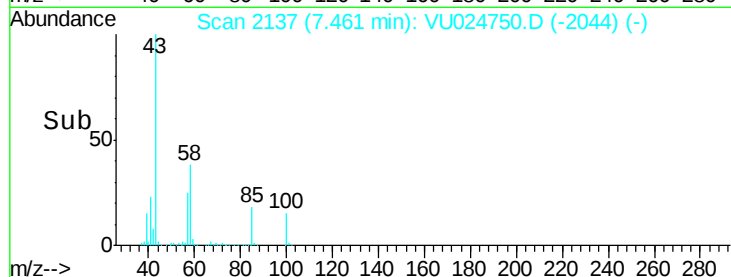
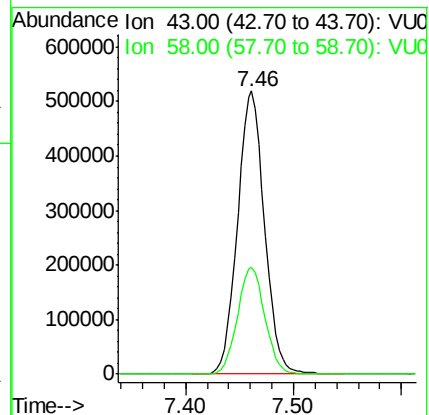
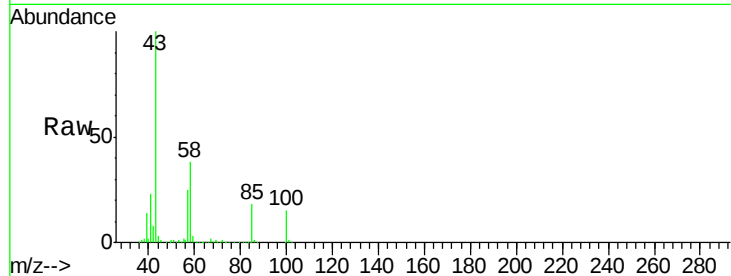
58 38.4 30.0 45.0

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#52

Toluene

Concen: 49.75 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU024750.D

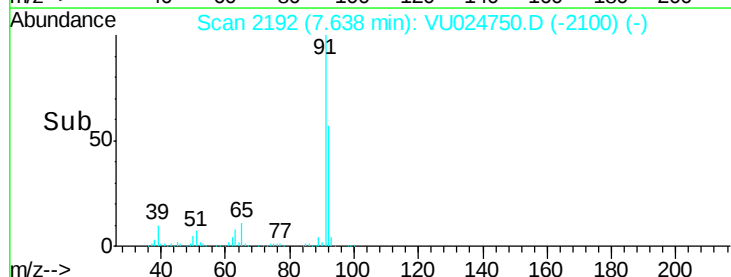
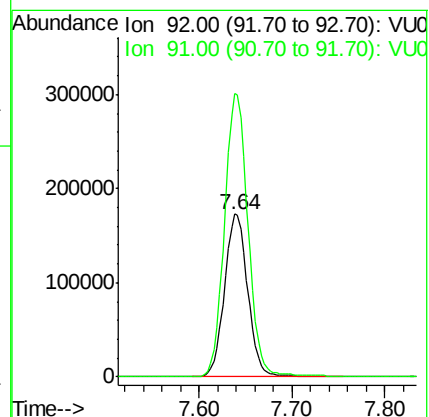
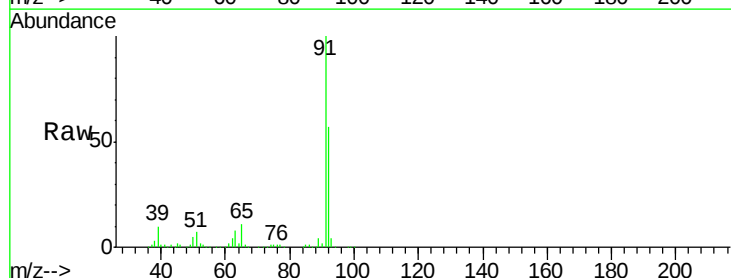
Acq: 20 Jun 2018 10:58

Tgt Ion: 92 Resp: 302463

Ion Ratio Lower Upper

92 100

91 175.5 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 48.82 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

ClientSampleID :

VSTDCCC050

Tot Ion: 75 Resp: 193361

Ion Ratio Lower Upper

75 100

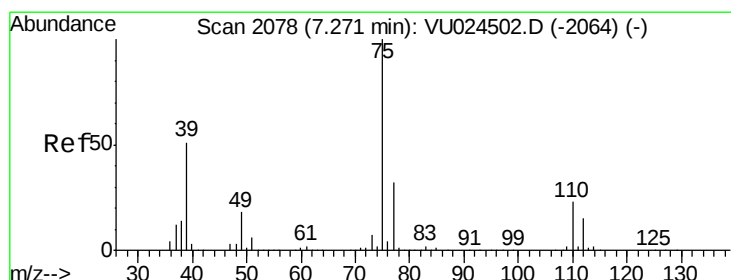
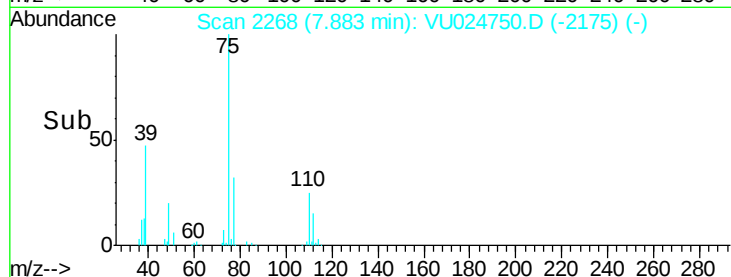
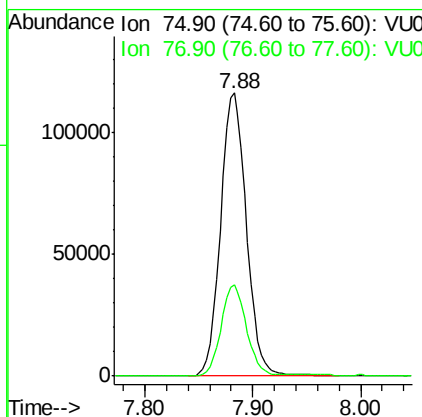
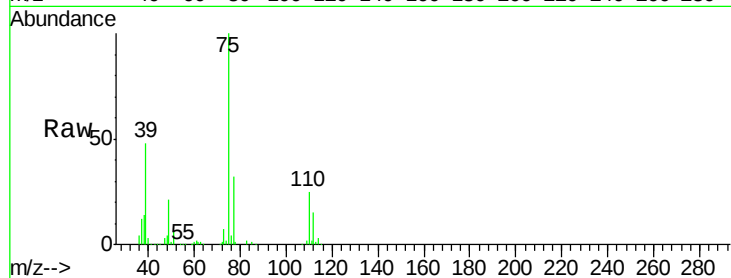
77 32.2 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 47.73 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

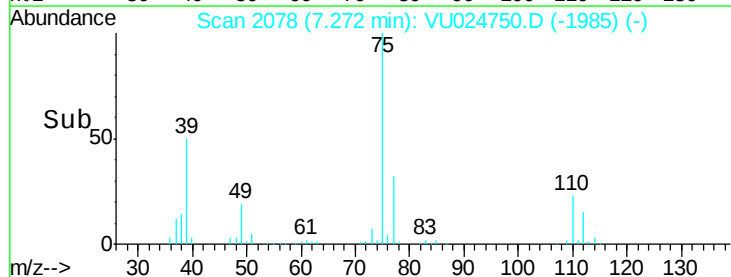
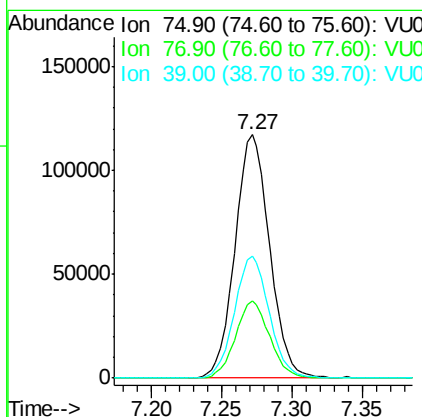
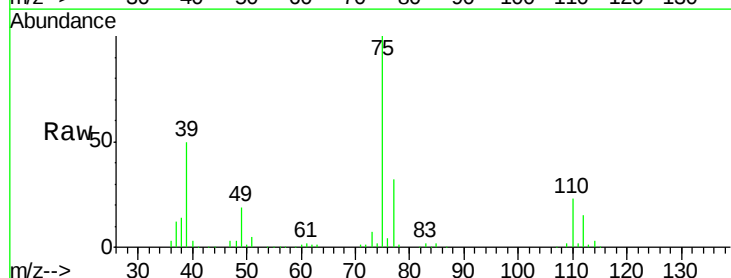
Tgt Ion: 75 Resp: 201443

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 50.2 39.8 59.6





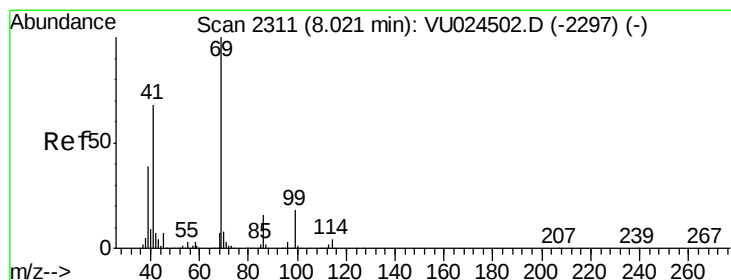
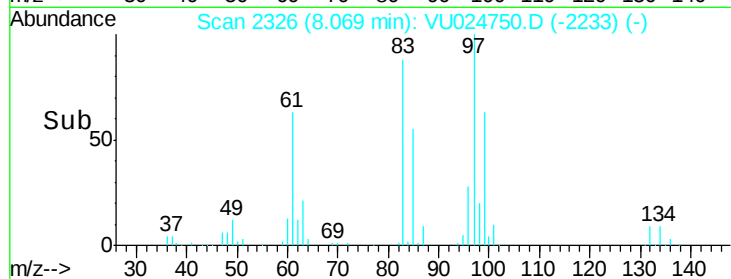
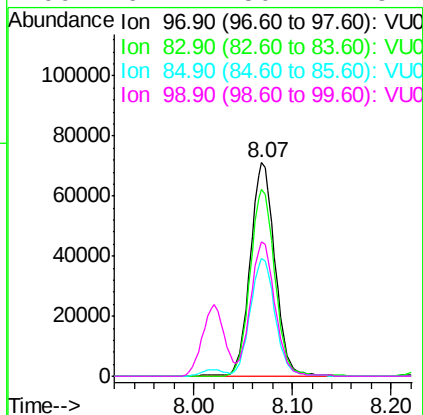
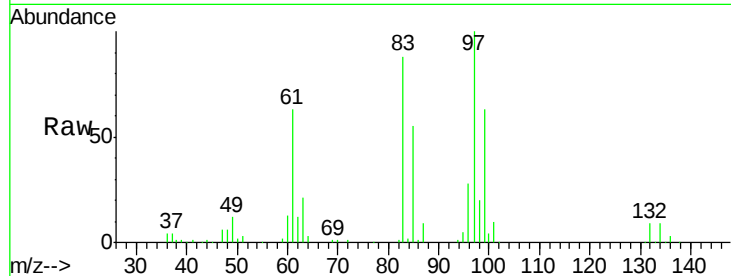
#55
 1,1,2-Trichloroethane
 Concen: 49.74 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	122931
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.5	105.7
85	54.9	46.4	69.6
99	62.4	50.2	75.2

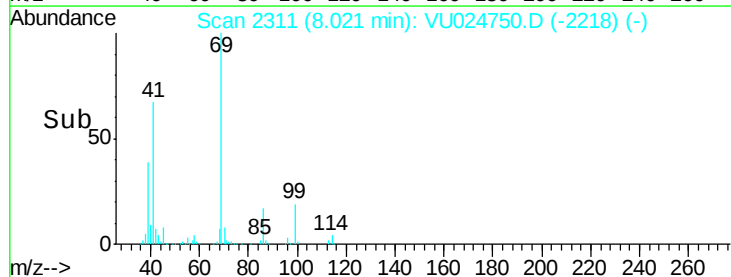
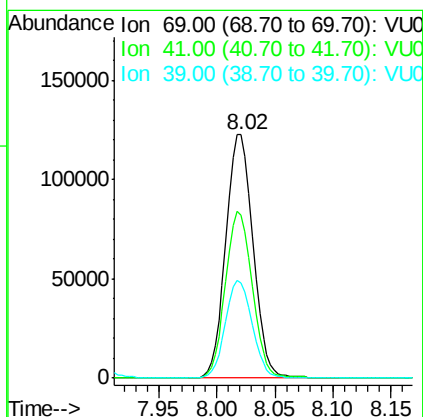
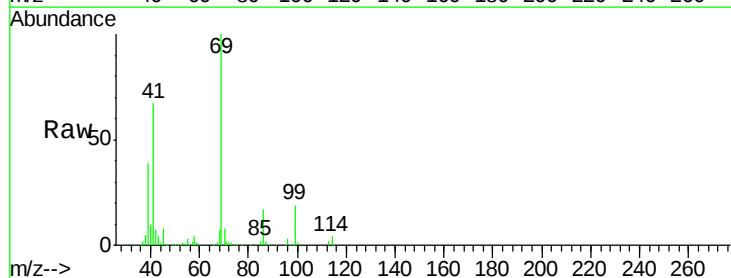
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#56
 Ethyl methacrylate
 Concen: 48.19 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Tgt Ion:	69	Resp:	199335
Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.1	81.1
39	39.0	30.3	45.5





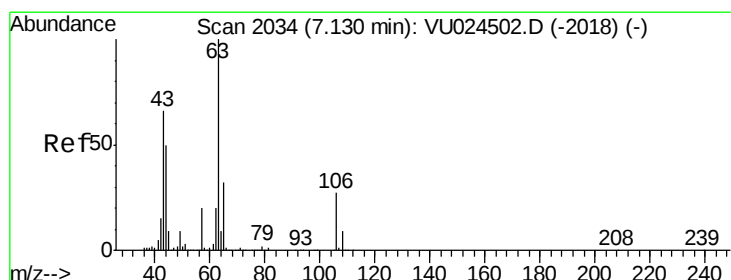
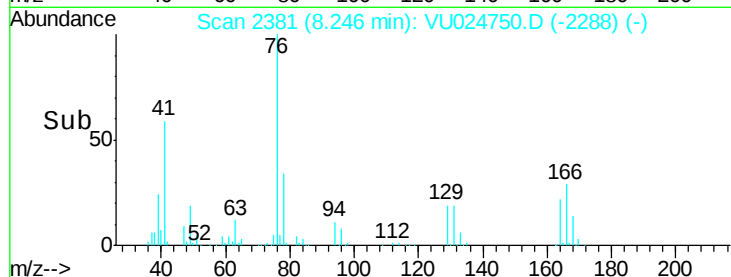
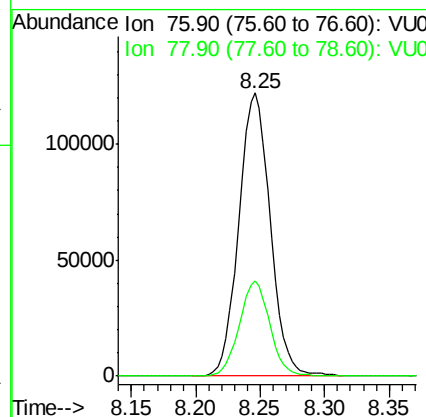
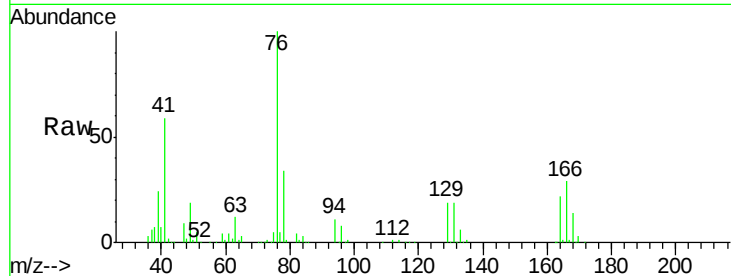
#57
 1,3-Dichloropropane
 Concen: 49.73 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 207296
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.2 37.8

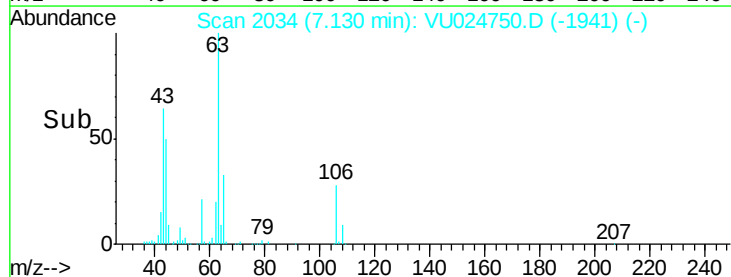
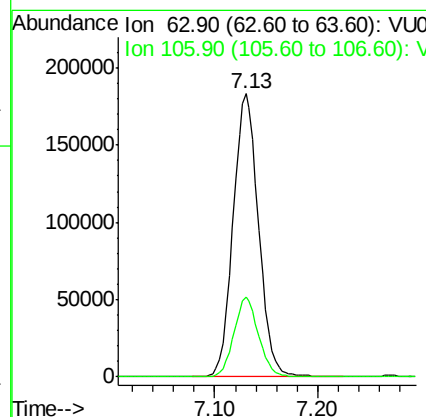
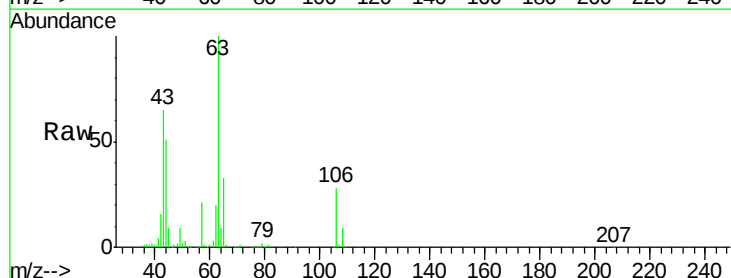
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#58
 2-Chloroethyl Vinyl ether
 Concen: 198.39 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Tgt Ion: 63 Resp: 314381
 Ion Ratio Lower Upper
 63 100
 106 27.3 20.2 30.2





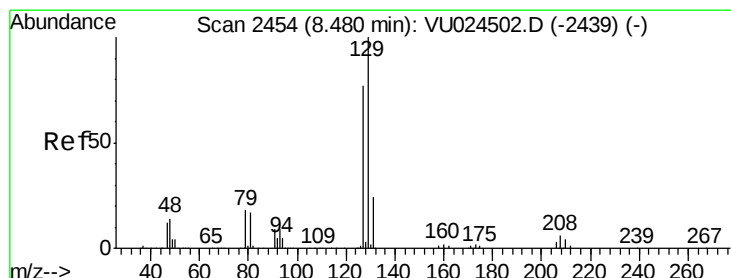
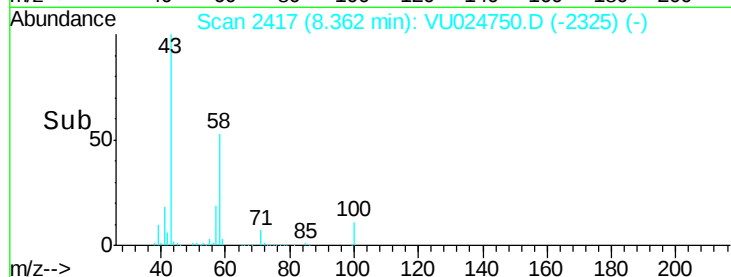
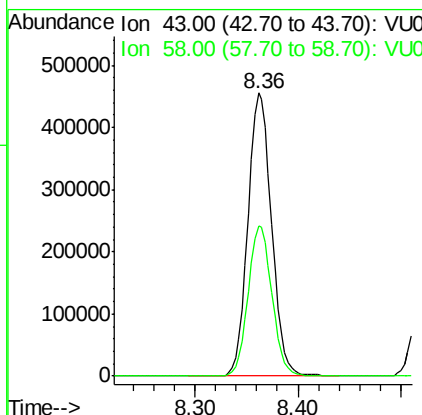
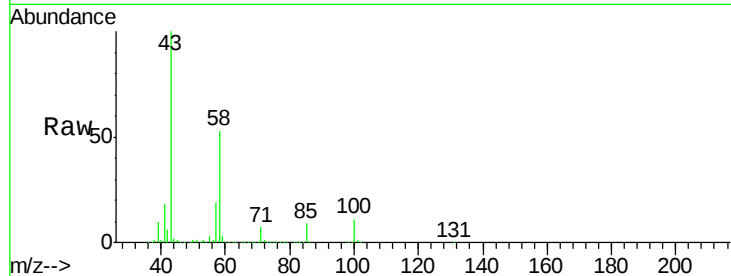
#59
2-Hexanone
Concen: 225.34 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 722111
Ion Ratio Lower Upper
43 100
58 53.6 26.4 79.0

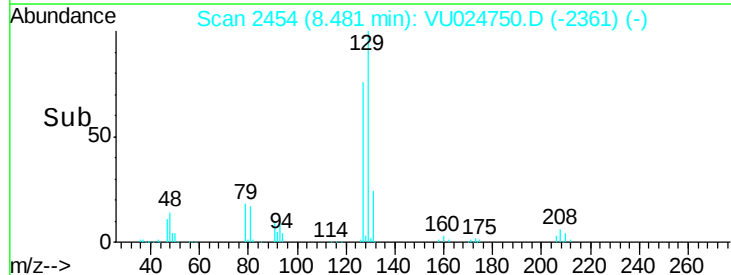
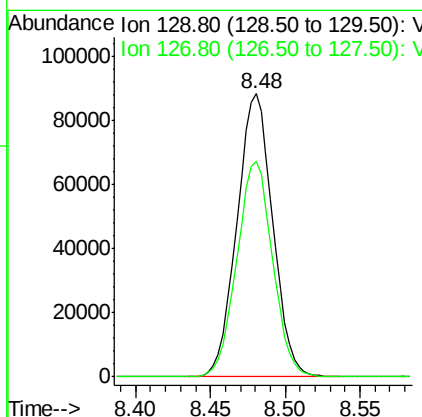
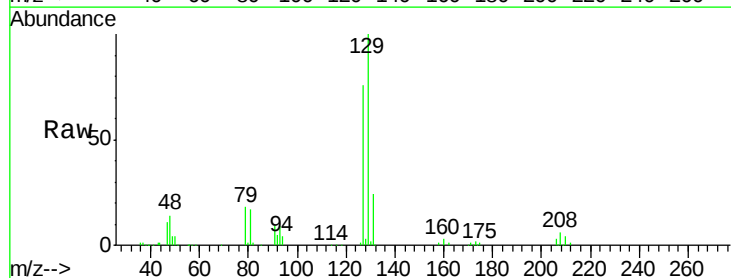
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#60
Dibromochloromethane
Concen: 47.71 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion: 129 Resp: 147018
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0





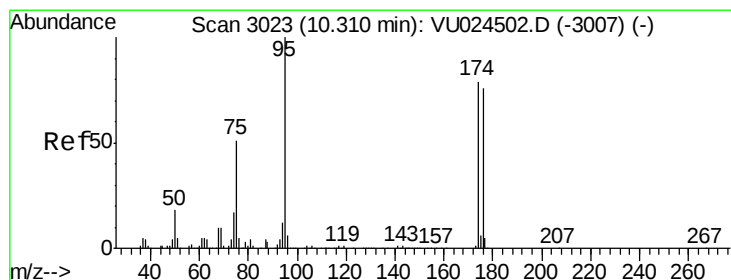
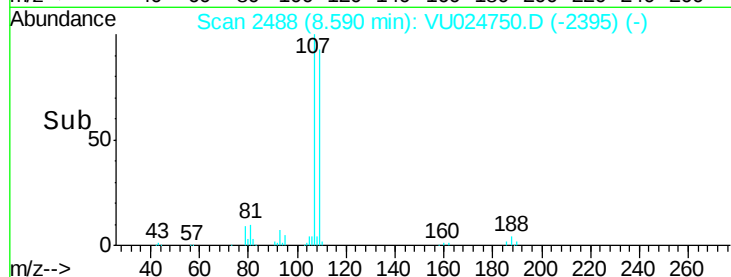
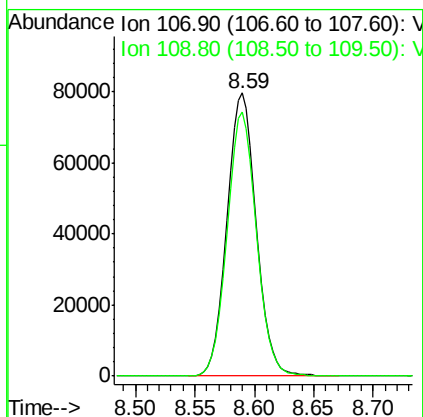
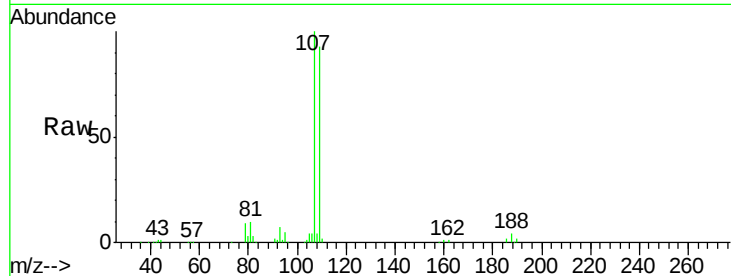
#61
 1,2-Dibromoethane
 Concen: 49.23 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	74.5	111.7

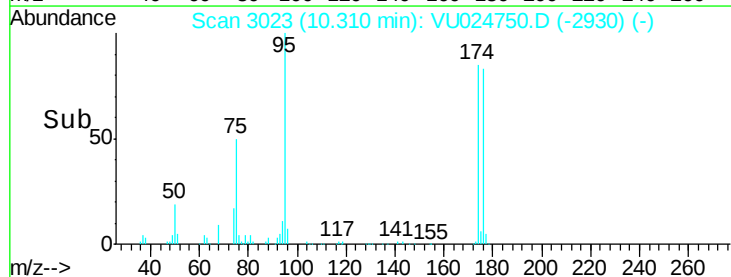
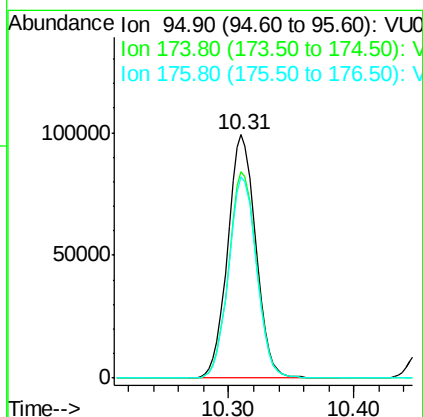
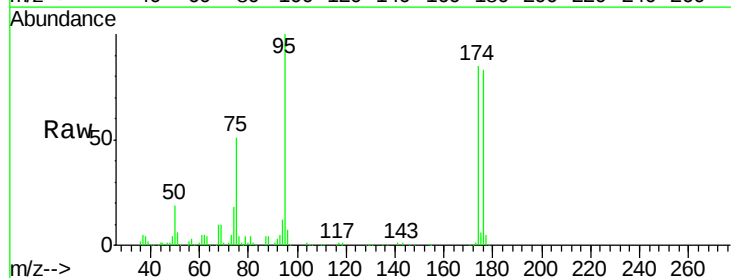
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#62
 4-Bromofluorobenzene
 Concen: 45.42 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	165.8
176	82.4	0.0	159.4





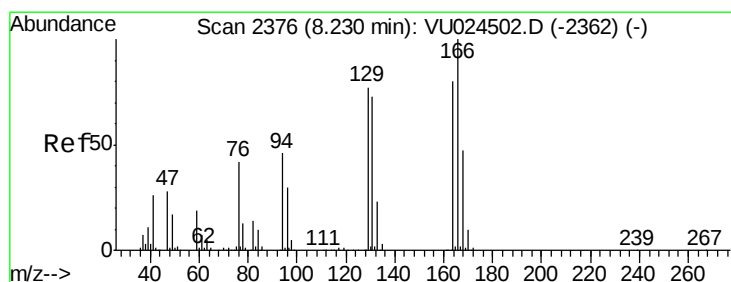
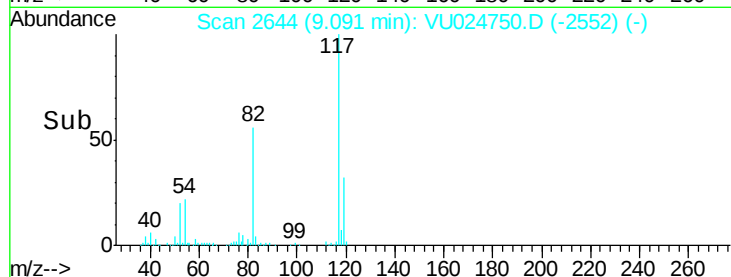
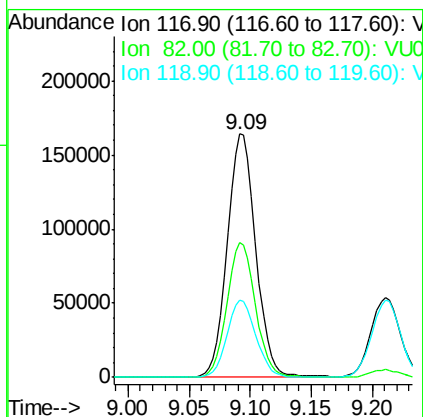
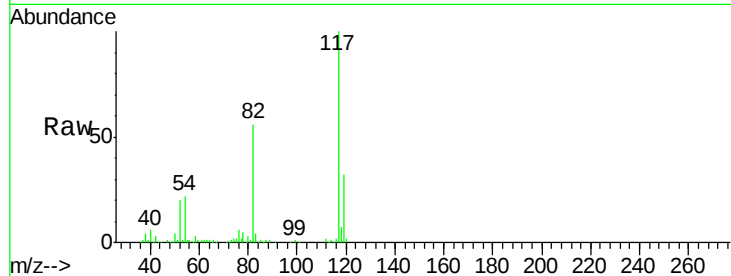
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	269160		
82	55.6	44.3	66.5	
119	31.8	25.4	38.2	

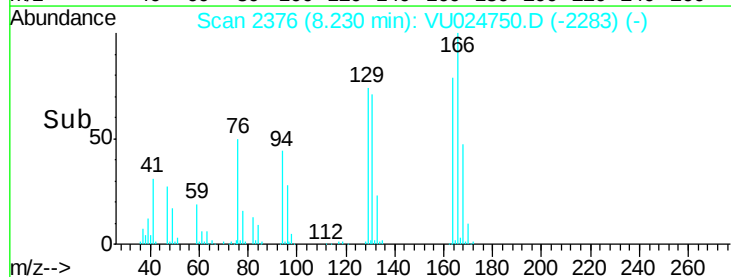
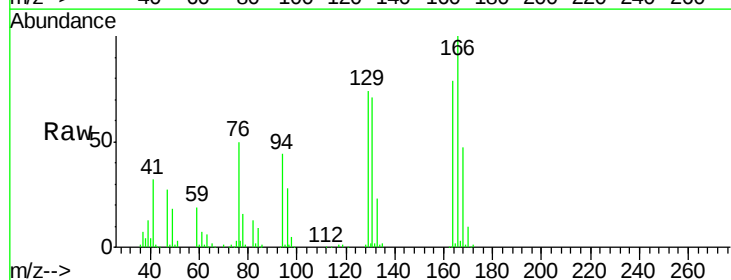
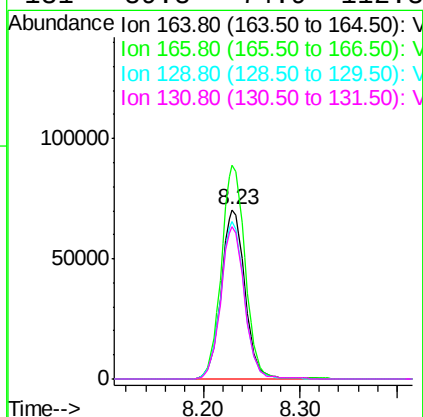
Manual Integrations
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#64
Tetrachloroethene
Concen: 46.88 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119942		
166	126.1	101.7	152.5	
129	93.1	76.9	115.3	
131	89.8	74.9	112.3	





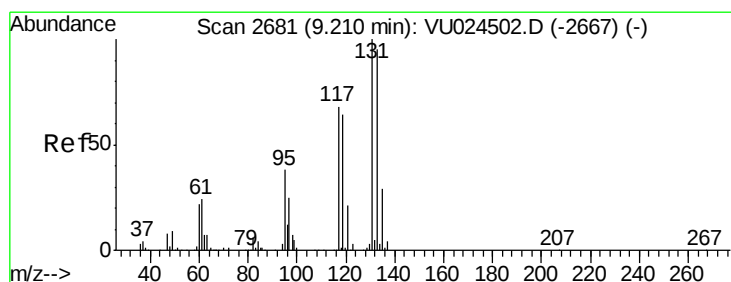
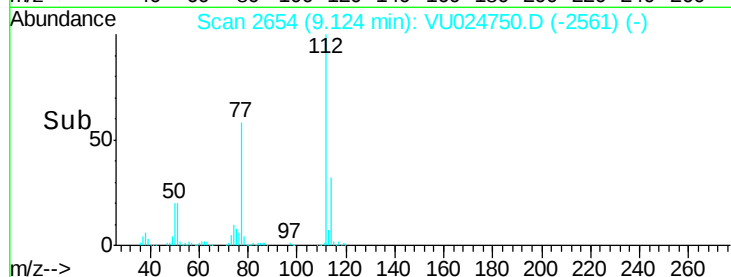
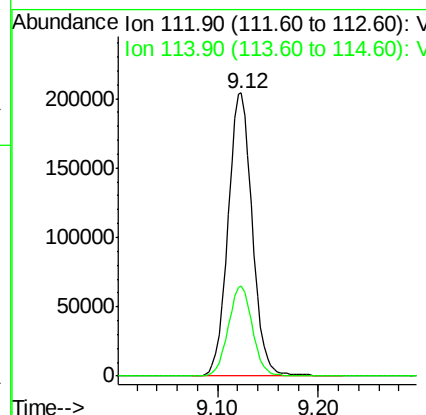
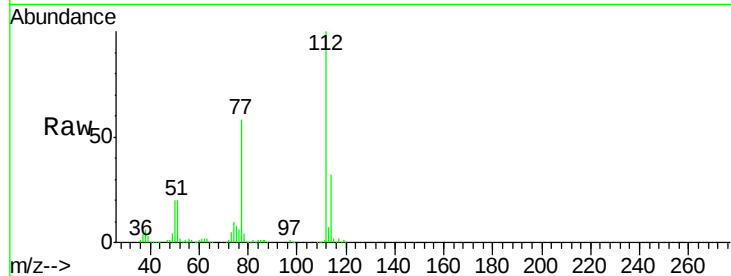
#65
Chlorobenzene
Concen: 49.91 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.6	38.4

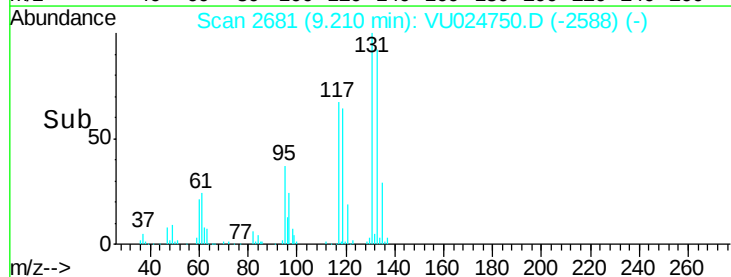
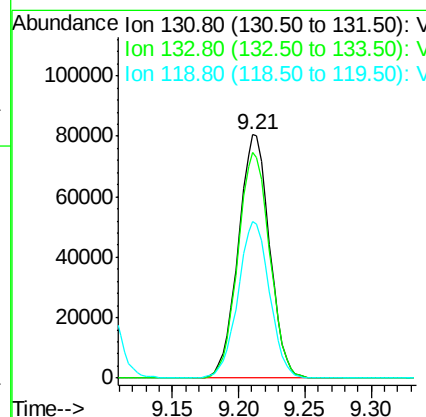
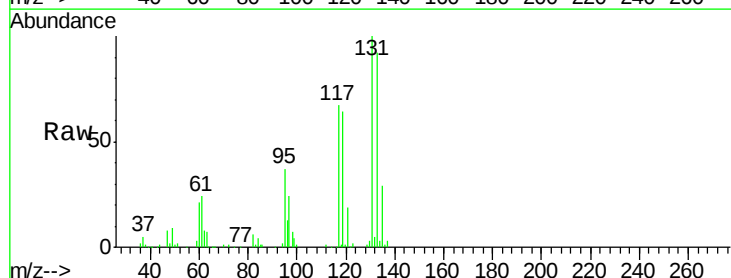
Manual Integrations
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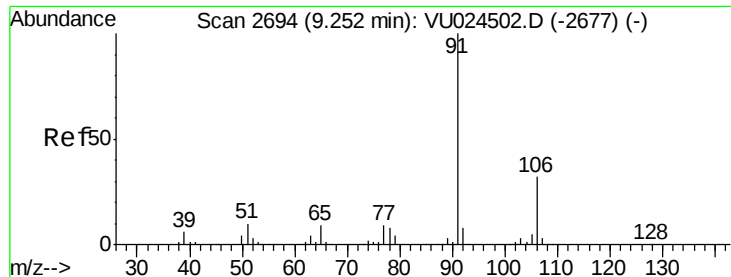
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.58 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	46.9	140.8
119	64.6	33.5	100.4





#67

Ethyl Benzene

Concen: 48.95 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 590097

Ion Ratio Lower Upper

91 100

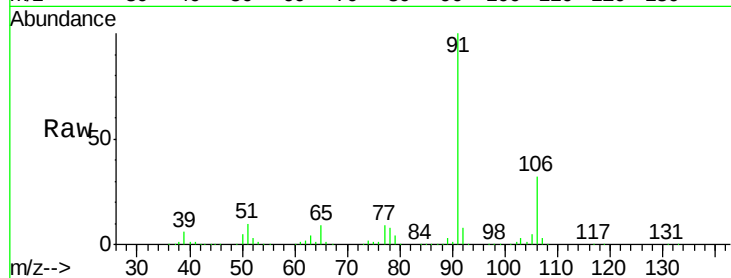
106 32.2 24.2 36.4

Manual Integrations

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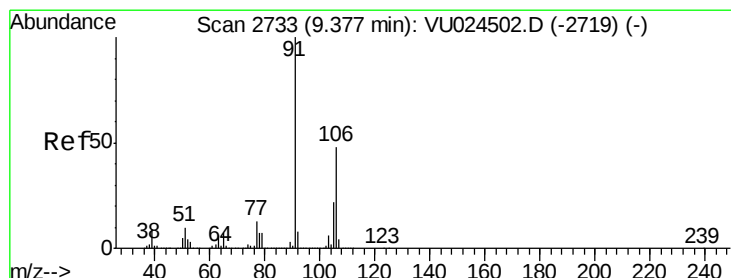
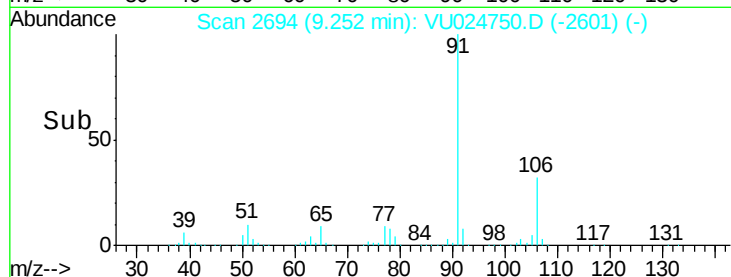
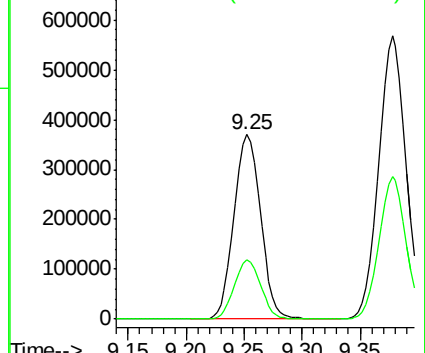
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.20 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024750.D

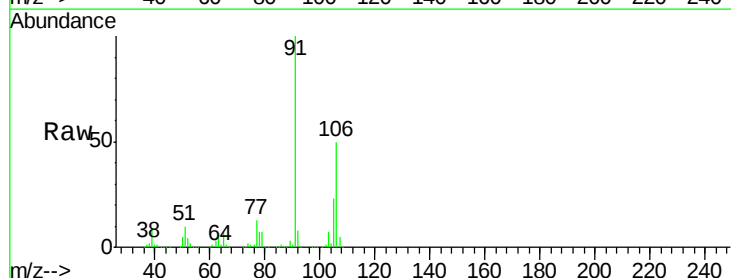
Acq: 20 Jun 2018 10:58

Tgt Ion: 106 Resp: 468446

Ion Ratio Lower Upper

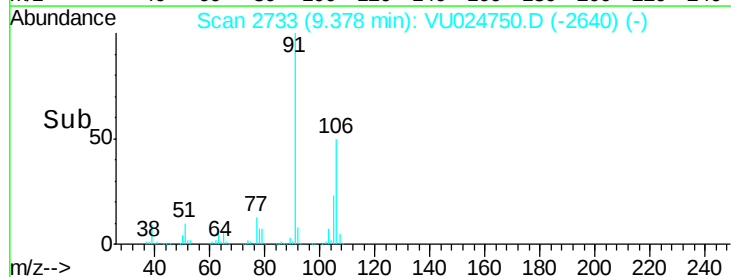
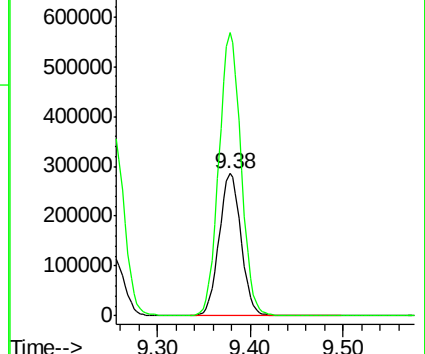
106 100

91 200.5 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





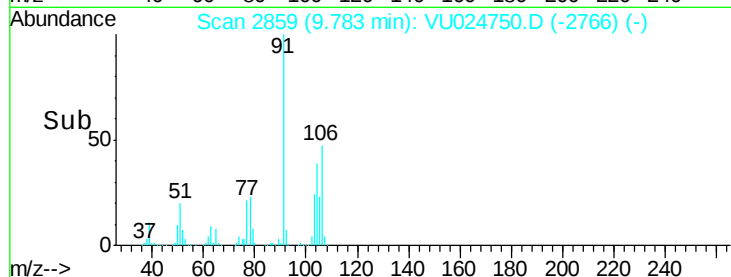
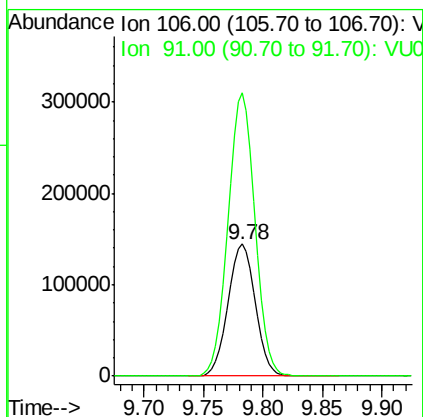
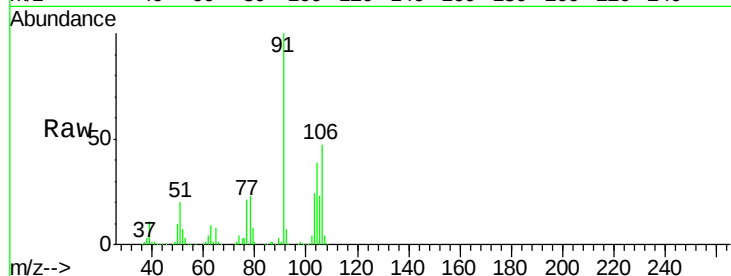
#69
o-Xylene
Concen: 50.11 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.9	110.7	331.9

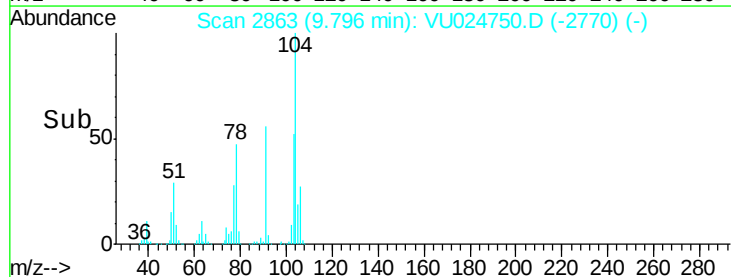
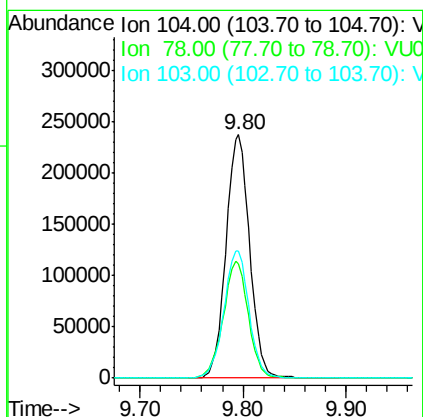
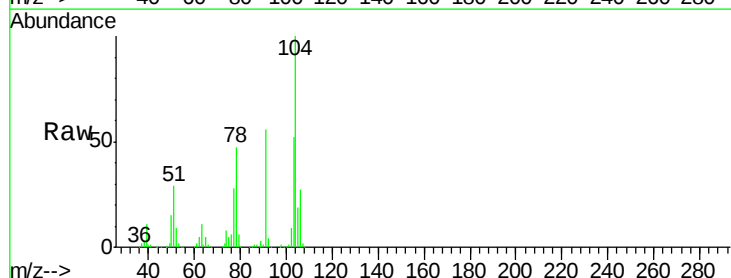
Manual Integrations
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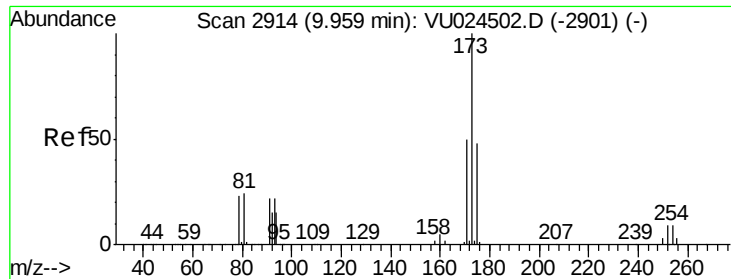
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#70
Styrene
Concen: 50.28 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.9	40.6	60.8
103	55.5	44.7	67.1





#71

Bromoform

Concen: 47.13 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

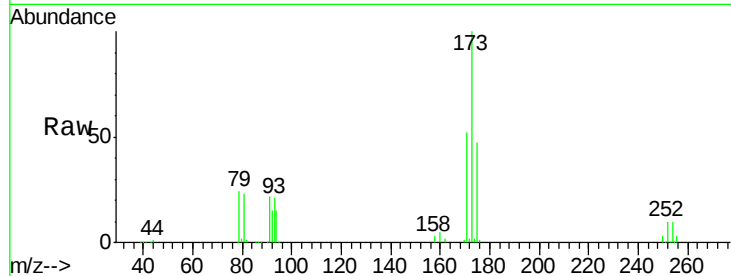
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100	117015		
175	47.1	24.6	74.0	
254	0.0	0.0	0.0	

Manual Integrations
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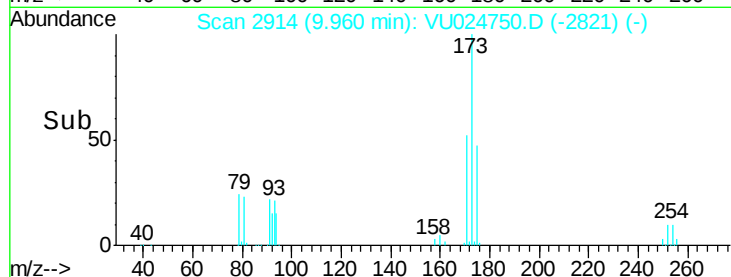
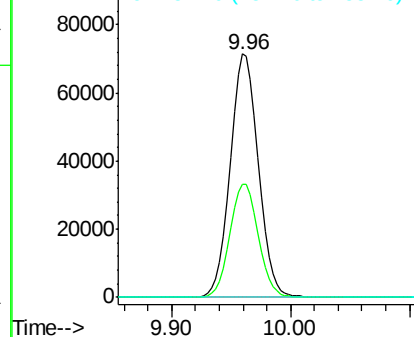


Abundance

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: 50.00 ug/l

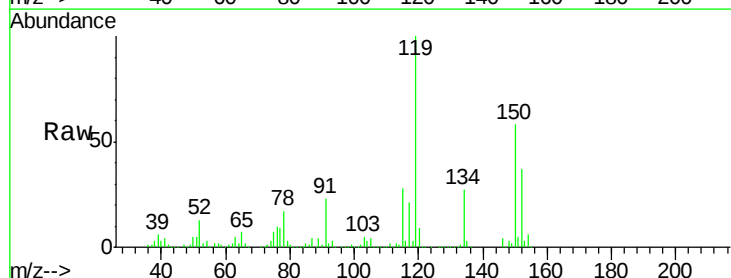
RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	162800		
115	84.0	43.0	129.0	
150	174.2	0.0	354.0	

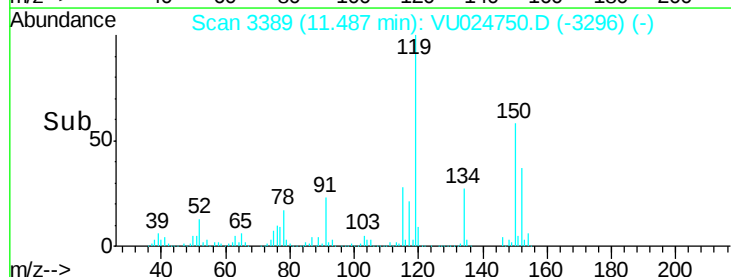
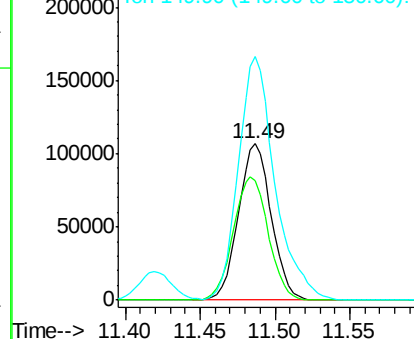


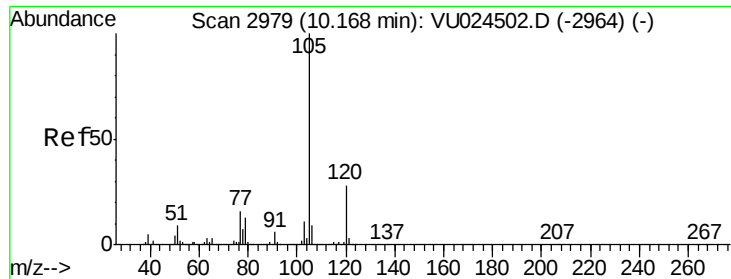
Abundance

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: 49.54 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 619210

Ion Ratio Lower Upper

105 100

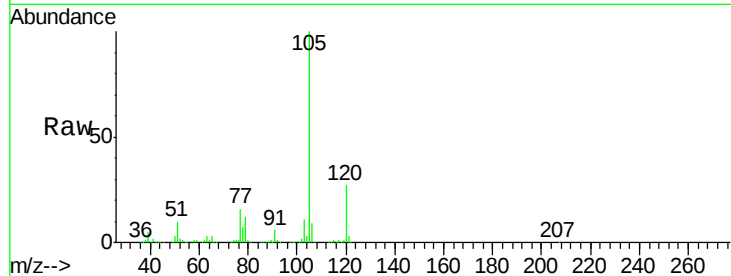
120 27.0 13.2 39.6

Manual Integrations

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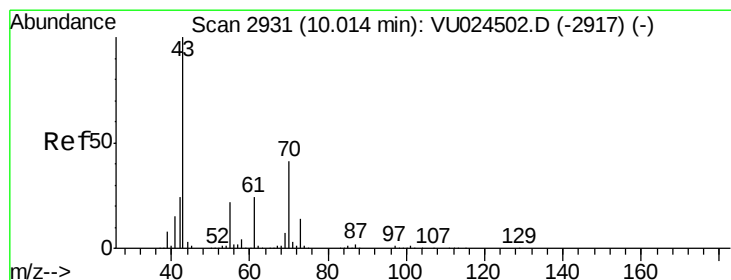
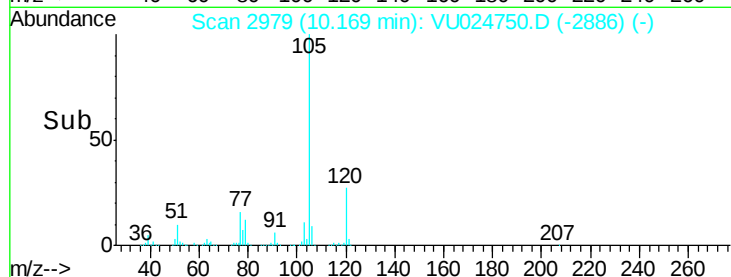
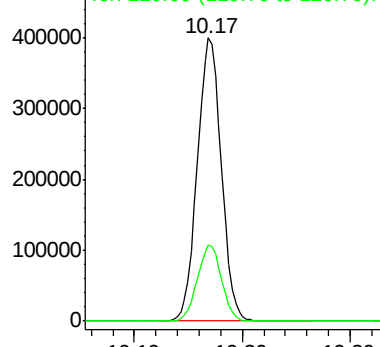
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.66 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Tgt Ion: 43 Resp: 271461

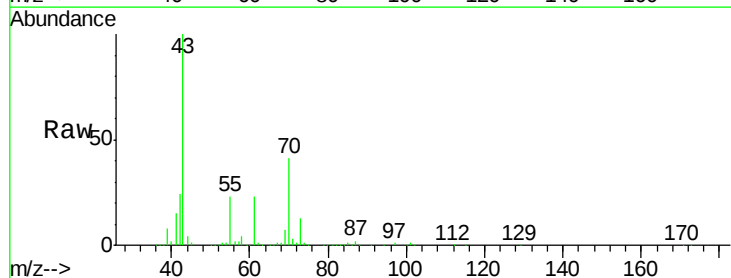
Ion Ratio Lower Upper

43 100

70 40.8 32.2 48.4

55 22.8 20.5 30.7

61 23.8 18.7 28.1

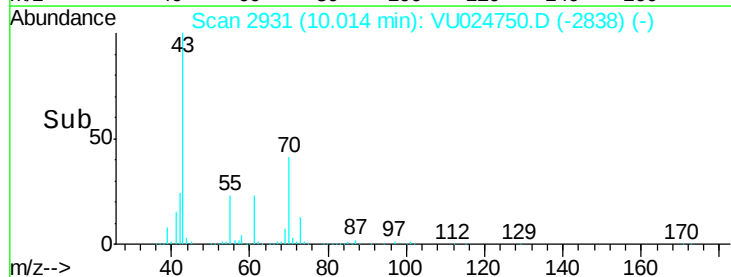
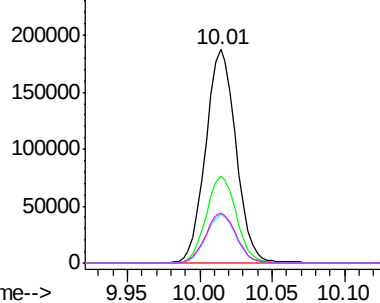


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.10 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 201485

Ion Ratio Lower Upper

83 100

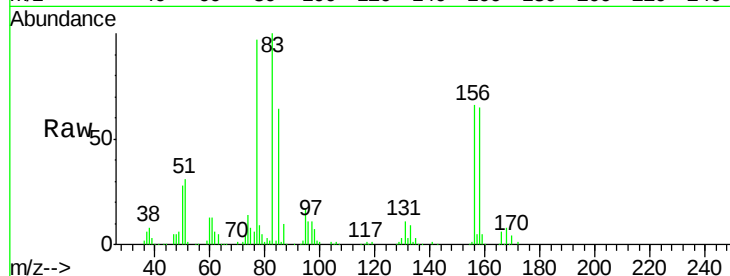
131 10.7 4.7 14.1

85 64.0 32.5 97.5

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Abundance Ion 82.90 (82.60 to 83.60): VU024750.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024750.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024750.D (-2977) (-)

10.46

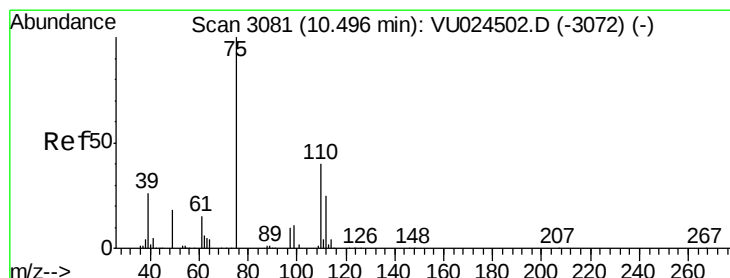
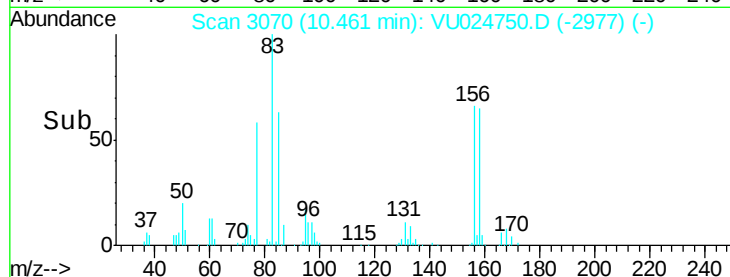
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 47.42 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024750.D

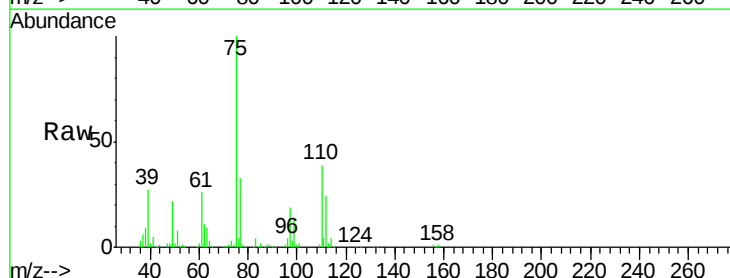
Acq: 20 Jun 2018 10:58

Tgt Ion: 75 Resp: 169977

Ion Ratio Lower Upper

75 100

77 43.7 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024750.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024750.D (-2988) (-)

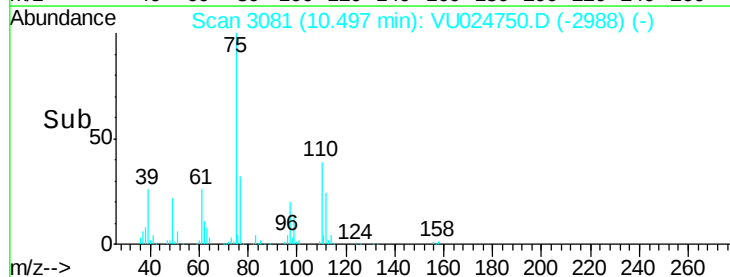
150000

100000

50000

0

Time-->





#77

Bromobenzene

Concen: 49.39 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

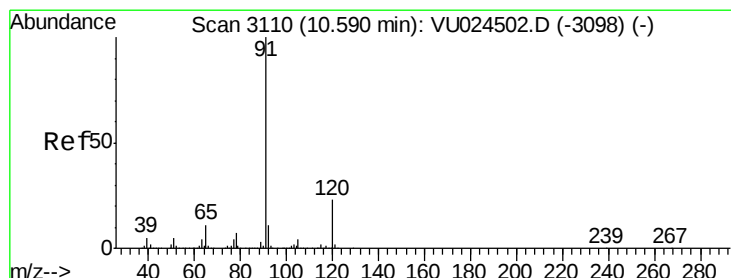
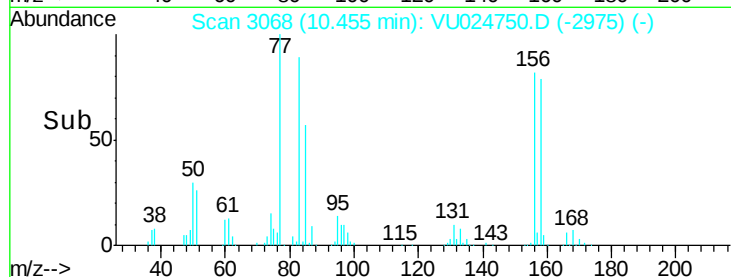
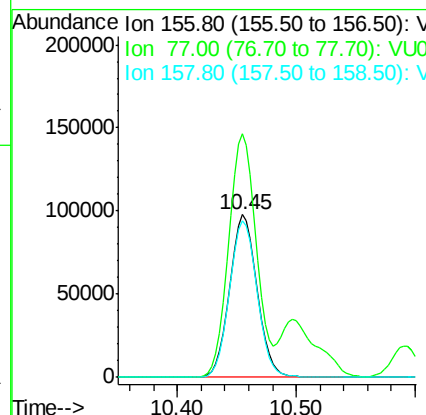
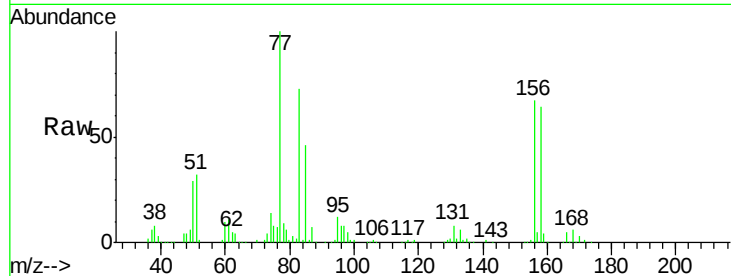
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.6	80.5	241.3
158	96.8	48.2	144.6

Manual Integrations
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#78

n-propylbenzene

Concen: 48.77 ug/l

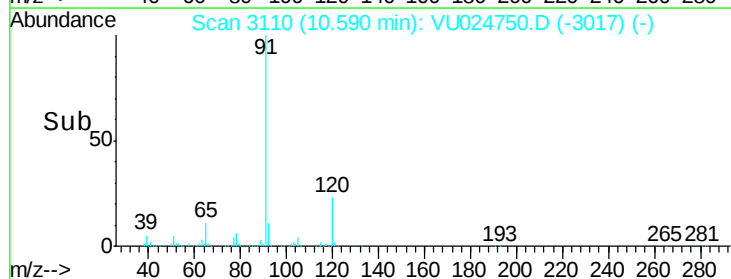
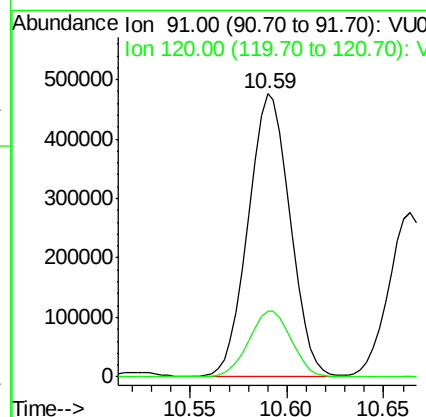
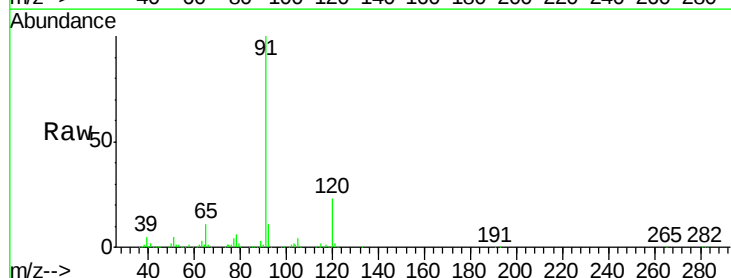
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.2	33.5





#79

2-Chlorotoluene

Concen: 48.55 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 421569

Ion Ratio Lower Upper

91 100

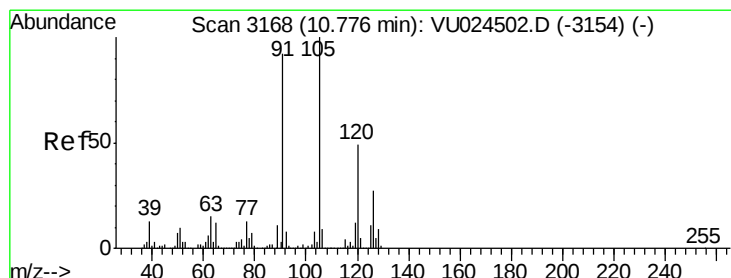
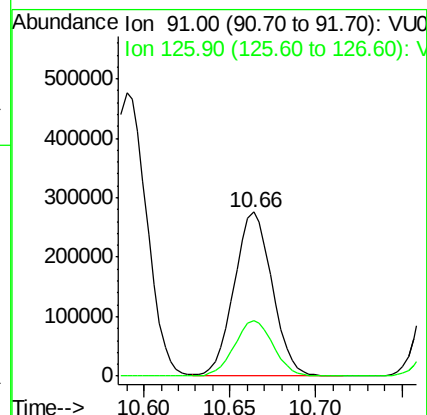
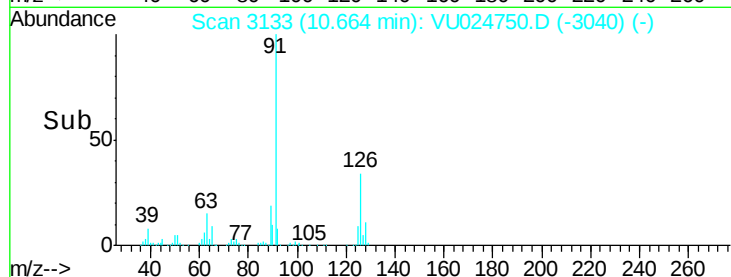
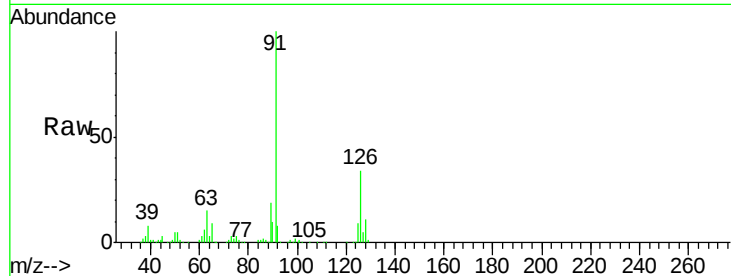
126 34.9 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.49 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024750.D

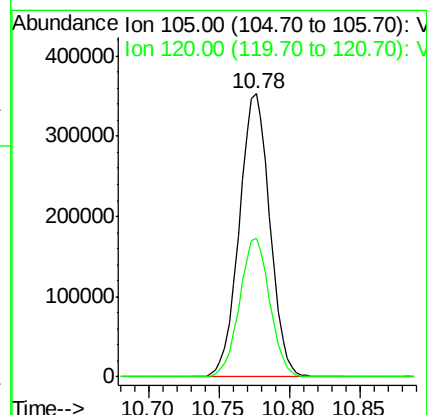
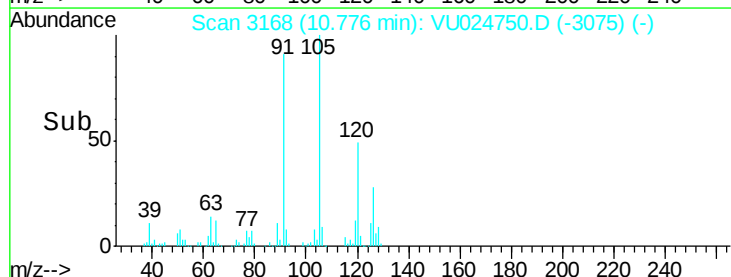
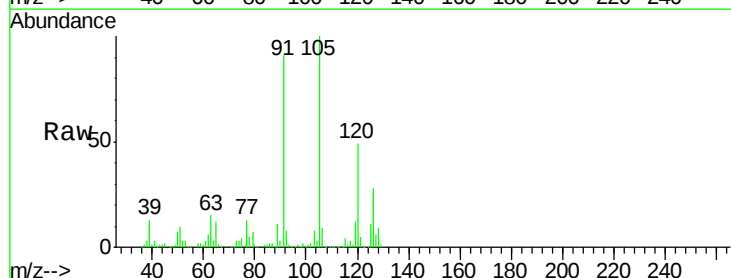
Acq: 20 Jun 2018 10:58

Tgt Ion: 105 Resp: 536192

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 40.30 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

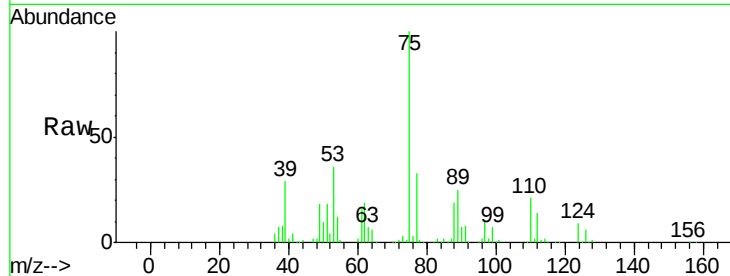
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	62412
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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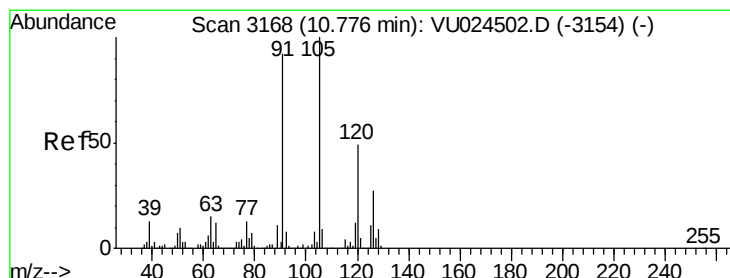
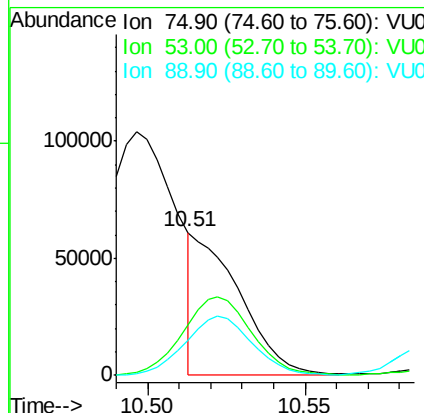
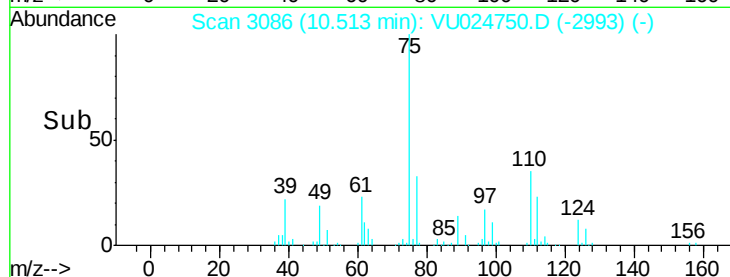


Abundance Ion 74.90 (74.60 to 75.60): VU024750.D (-3086) (-)

Ion 53.00 (52.70 to 53.70): VU024750.D (-3086) (-)

Ion 88.90 (88.60 to 89.60): VU024750.D (-3086) (-)

Time-->



#82

4-Chlorotoluene

Concen: 48.91 ug/l

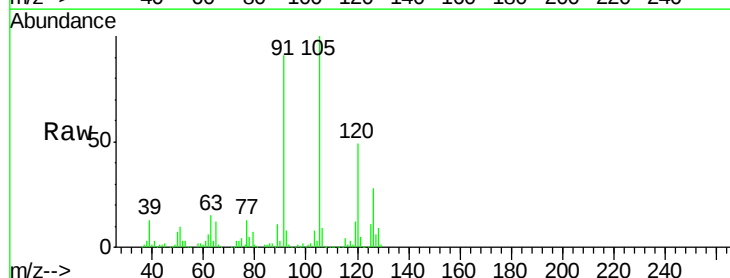
RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

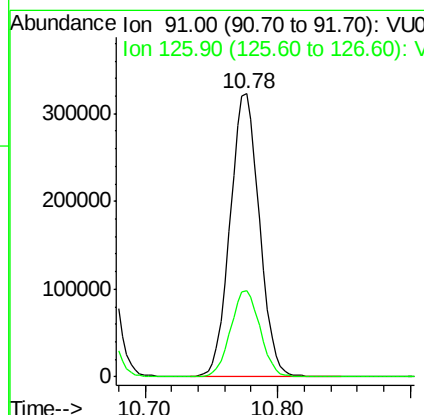
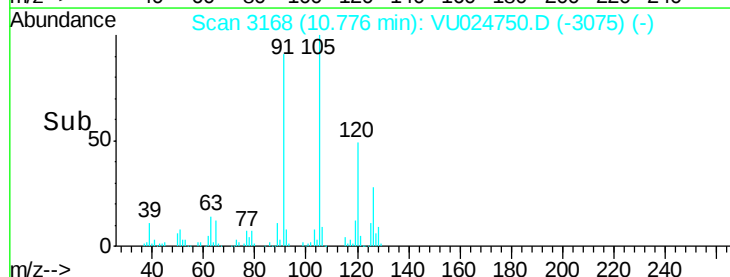
Tgt Ion:	91	Resp:	494261
Ion Ratio	Lower	Upper	
91	100		
126	30.9	14.9	44.9



Abundance Ion 91.00 (90.70 to 91.70): VU024750.D (-3154) (-)

Ion 125.90 (125.60 to 126.60): VU024750.D (-3154) (-)

Time-->





#83

tert-Butylbenzene

Concen: 50.66 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

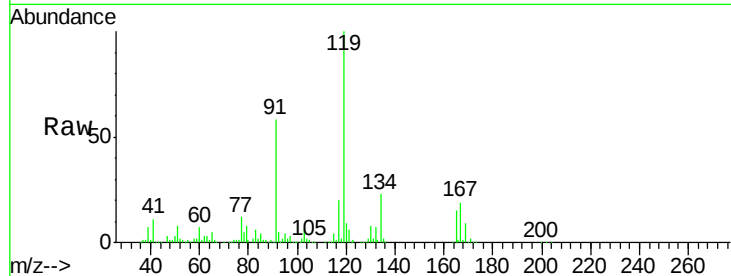
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	527941
Ion Ratio	Lower	Upper	
119	100		
91	58.1	29.7	89.1
134	23.0	11.6	34.7

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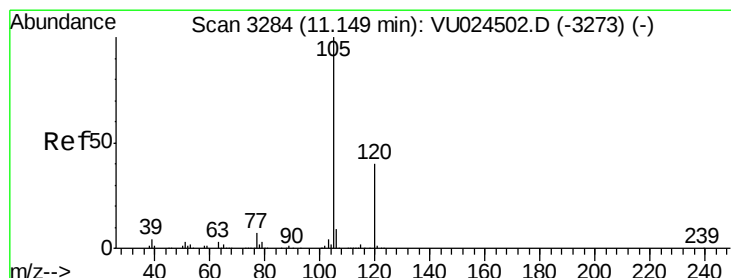
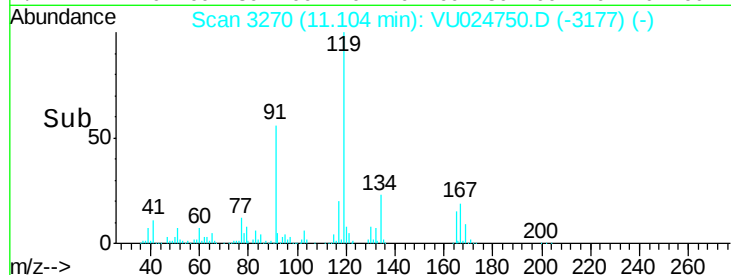
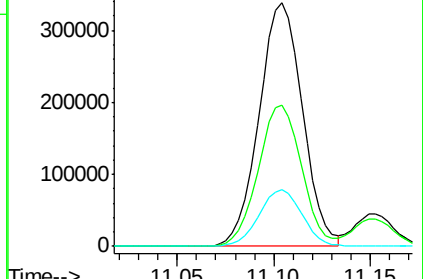
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.78 ug/l

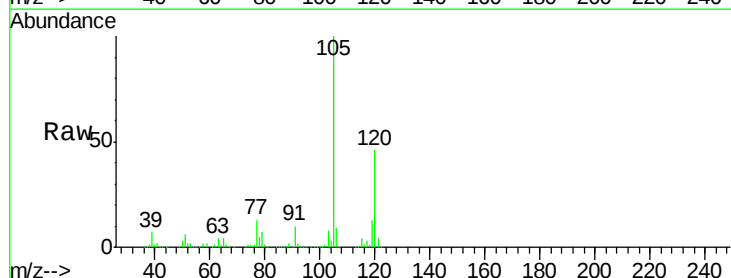
RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU024750.D

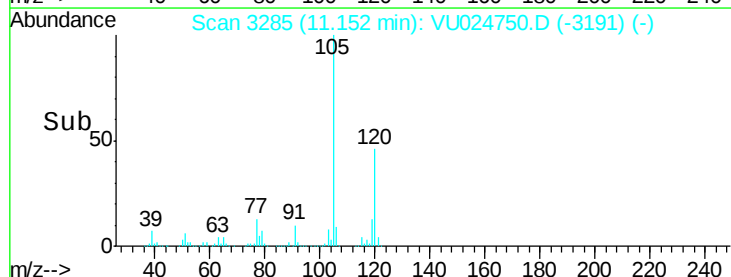
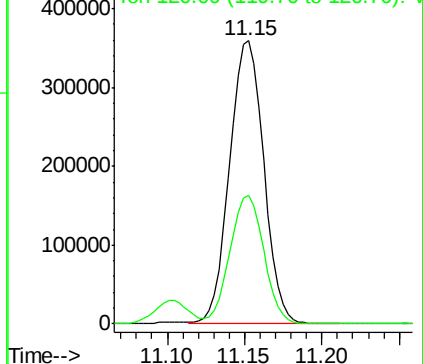
Acq: 20 Jun 2018 10:58

Tgt Ion:	105	Resp:	549645
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.6	67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.73 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 648661

Ion Ratio Lower Upper

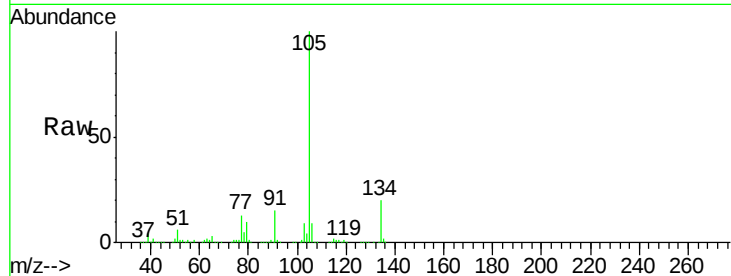
105 100

134 20.4 9.7 29.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

400000

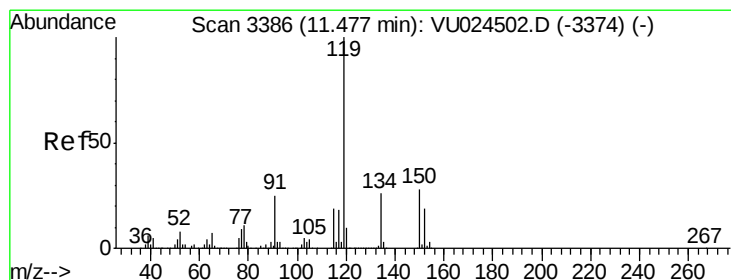
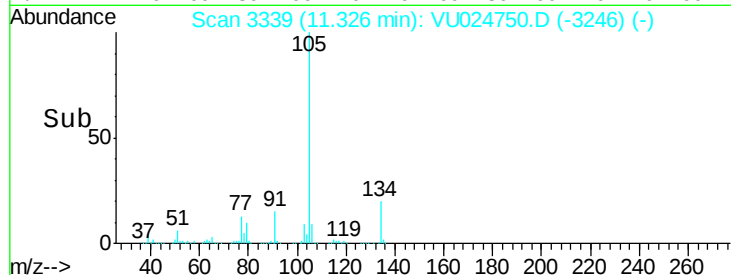
300000

200000

100000

0

Time--> 11.25 11.30 11.35 11.40



#86

p-Isopropyltoluene

Concen: 50.18 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024750.D

Acq: 20 Jun 2018 10:58

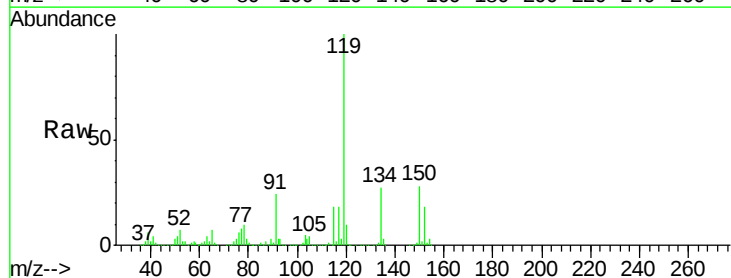
Tgt Ion:119 Resp: 586272

Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.6

91 24.1 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.48

400000

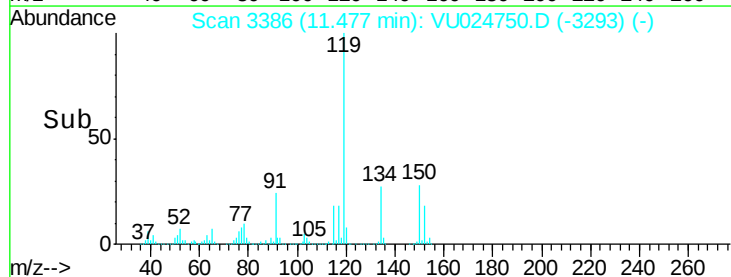
300000

200000

100000

0

Time--> 11.40 11.50





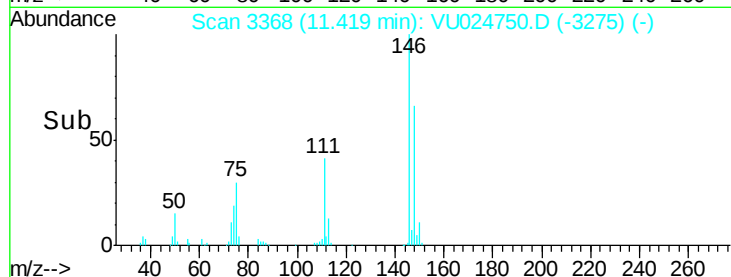
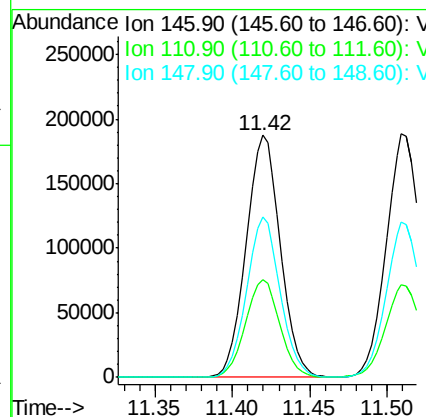
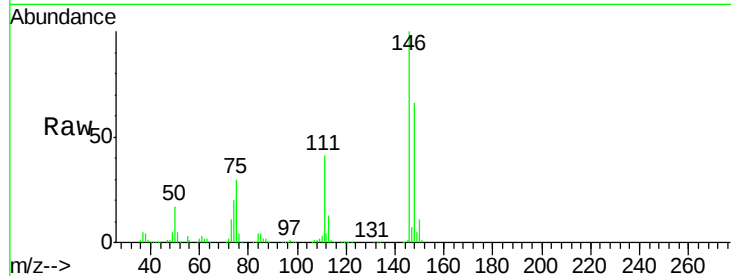
#87
 1,3-Dichlorobenzene
 Concen: 49.37 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	60.0
148	64.8	32.1	96.5

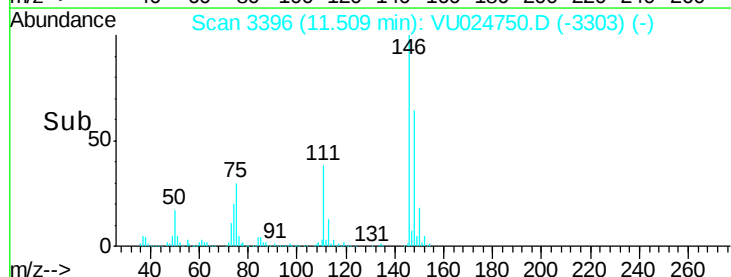
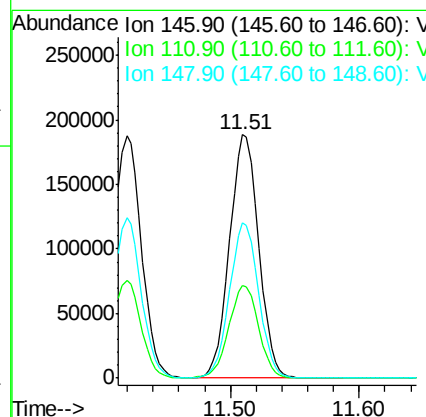
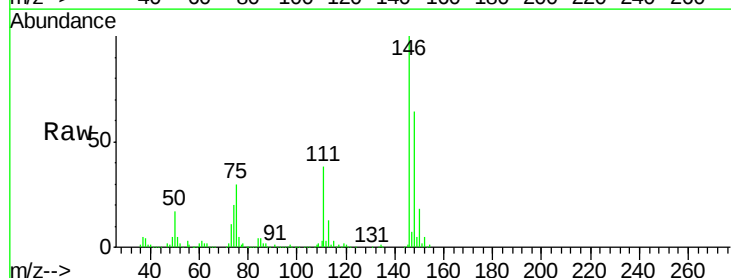
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#88
 1,4-Dichlorobenzene
 Concen: 50.18 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	63.5	32.4	97.0





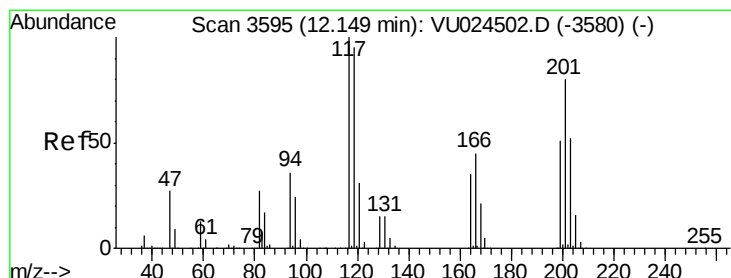
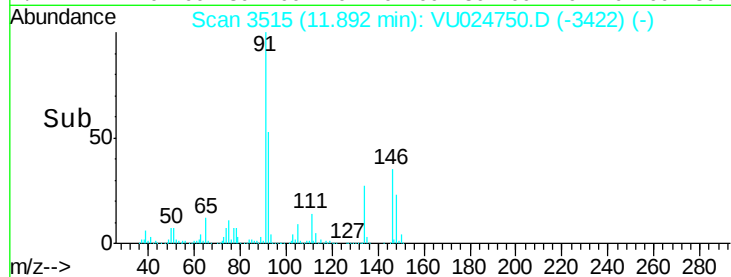
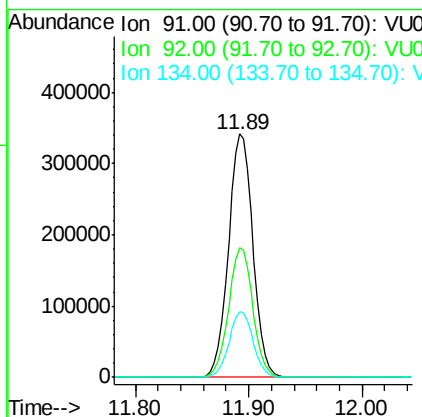
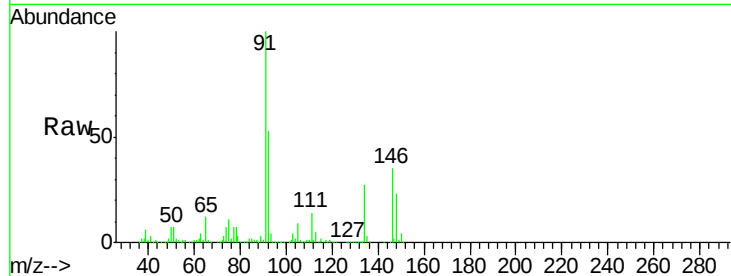
#89
n-Butylbenzene
Concen: 49.28 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	25.6	76.8
134	26.8	12.3	36.8

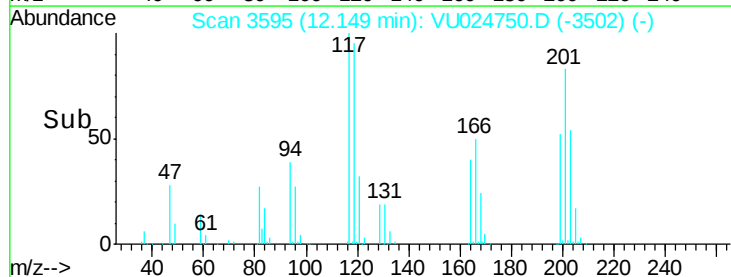
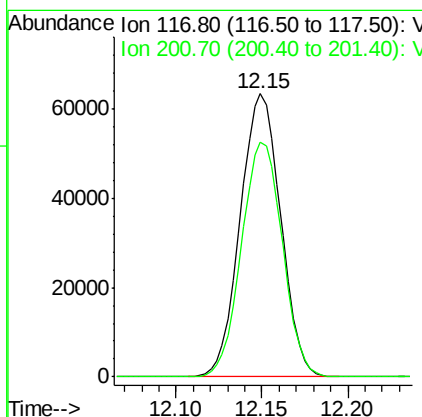
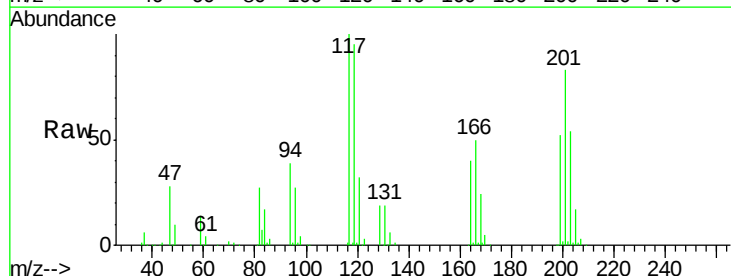
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#90
Hexachloroethane
Concen: 45.49 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	41.1	123.3





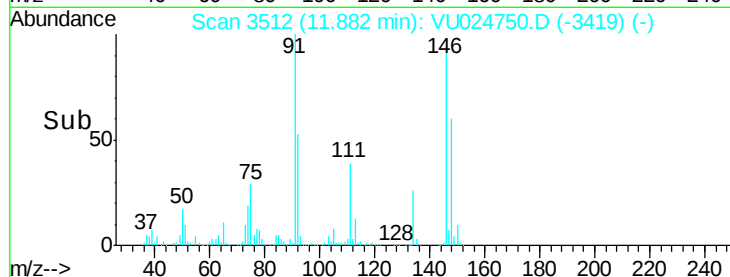
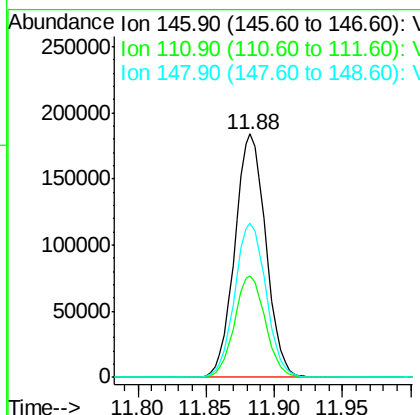
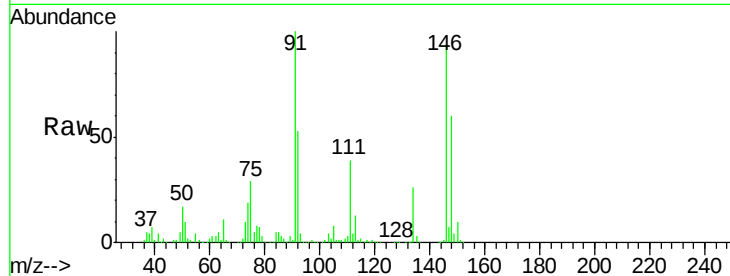
#91
 1,2-Dichlorobenzene
 Concen: 49.65 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.5	61.6
148	63.8	31.9	95.7

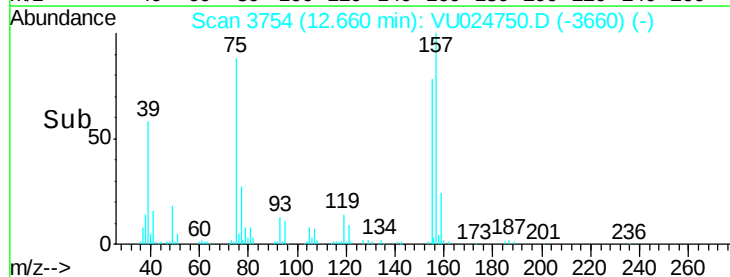
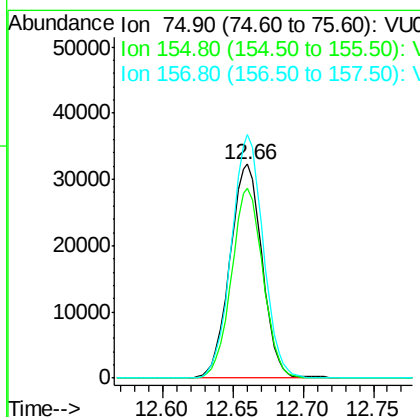
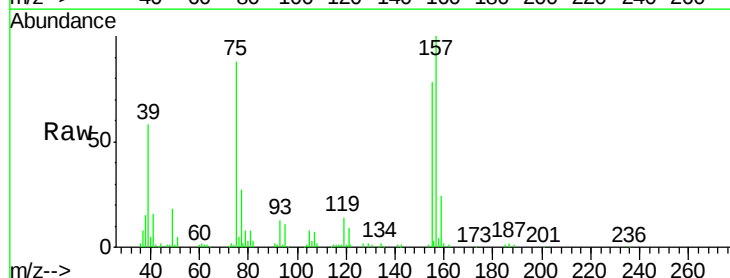
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.70 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.5	40.4	121.2
157	111.9	52.3	156.8





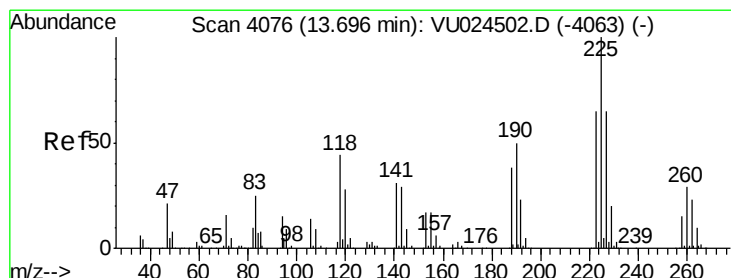
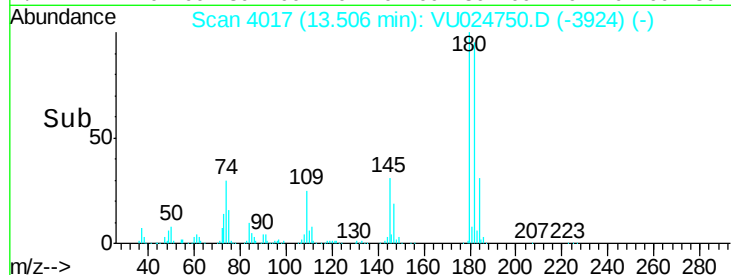
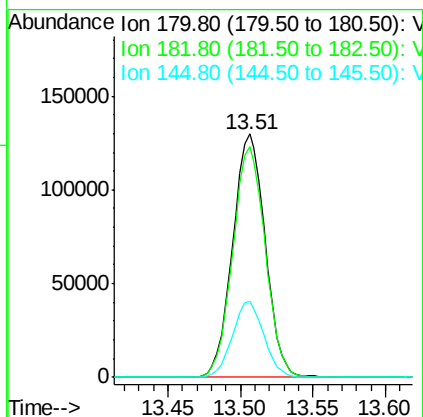
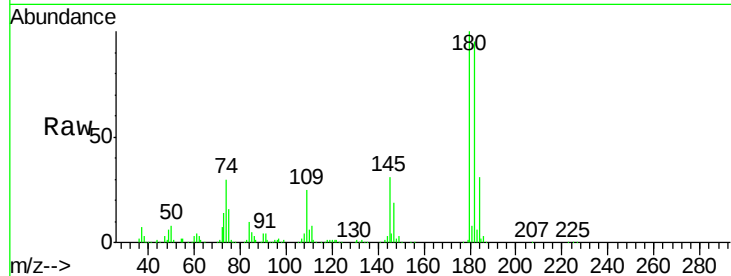
#93
 1,2,4-Trichlorobenzene
 Concen: 55.79 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	201742		
182	94.9	48.0	144.2	
145	30.3	14.7	44.1	

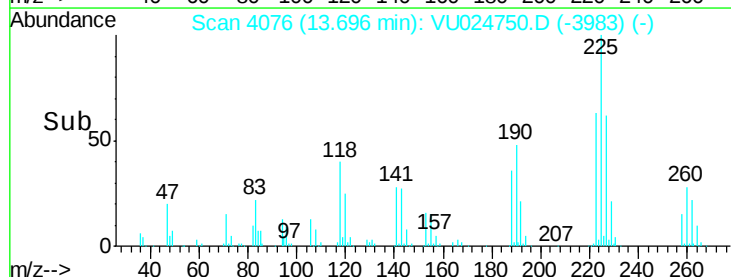
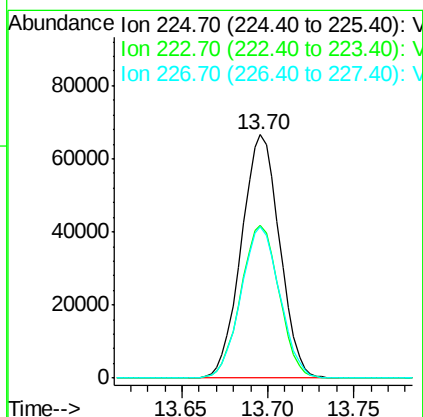
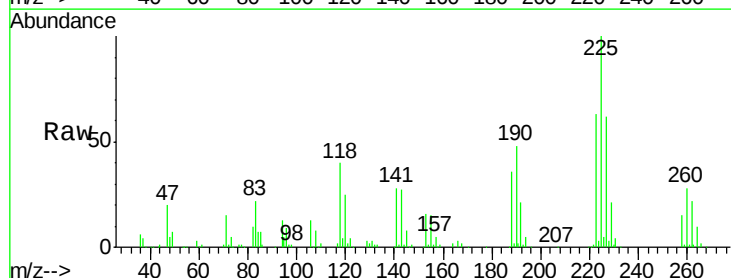
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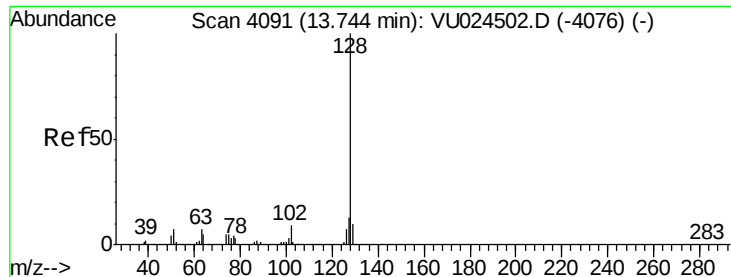
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#94
 Hexachlorobutadiene
 Concen: 50.50 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024750.D
 Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102771		
223	62.8	31.3	93.8	
227	62.9	31.8	95.4	





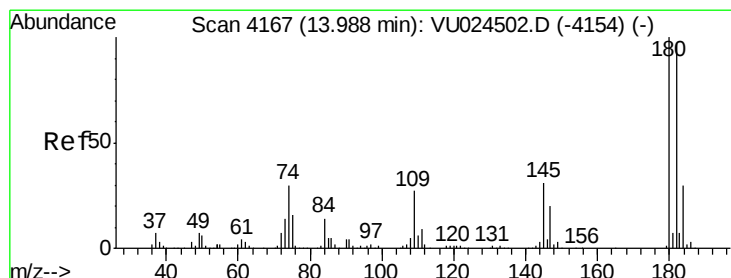
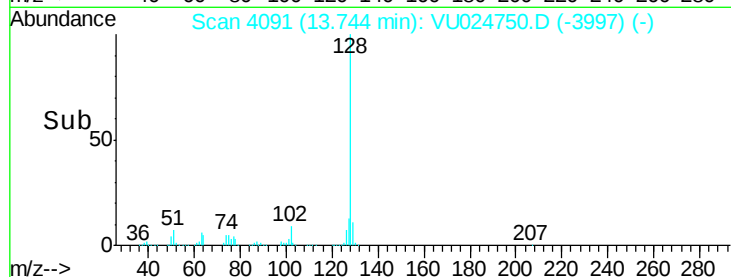
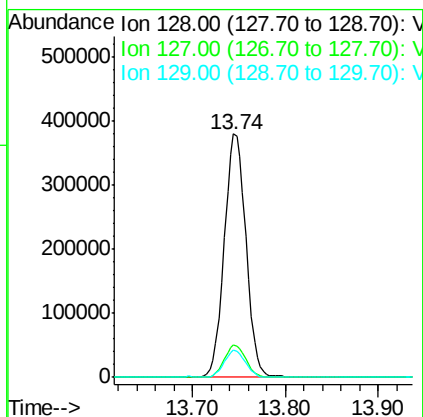
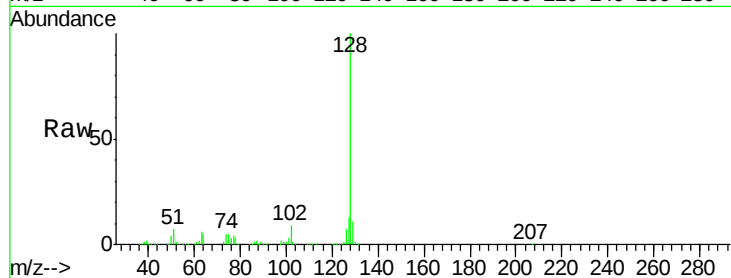
#95
Naphthalene
Concen: 51.44 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.9	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 57.61 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU024750.D
Acq: 20 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.7
145	31.8	15.4	46.1

