

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070218\
 Data File : VU025158.D
 Acq On : 02 Jul 2018 21:19
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 7/3/2018 3:52:48 PM

Quant Time: Jul 03 05:52:32 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	163453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	254852	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	239890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	131336	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	4.89	113	107153	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	7.57	98	339945	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	
62) 4-Bromofluorobenzene	10.31	95	150130	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85745	41.91	ug/l	99
3) Chloromethane	1.33	50	94242	45.09	ug/l	100
4) Vinyl Chloride	1.40	62	99559	46.19	ug/l	98
5) Bromomethane	1.61	94	52765	50.64	ug/l	99
6) Chloroethane	1.69	64	65962	54.86	ug/l	100
7) Trichlorofluoromethane	1.88	101	161694	49.15	ug/l	98
8) Diethyl Ether	2.10	74	61076	54.73	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.28	101	97135	47.60	ug/l	97
10) Methyl Iodide	2.41	142	111949	63.25	ug/l	97
11) Tert butyl alcohol	2.83	59	184993	285.05	ug/l	98
12) 1,1-Dichloroethene	2.28	96	91823	49.34	ug/l	95
13) Acrolein	2.19	56	57498	168.72	ug/l	98
14) Allyl chloride	2.59	41	156664	45.34	ug/l	99
15) Acrylonitrile	2.93	53	347685	275.36	ug/l	99
16) Acetone	2.32	43	348903	243.35	ug/l	99
17) Carbon Disulfide	2.48	76	250409	42.02	ug/l	99
18) Methyl Acetate	2.62	43	219383	71.38	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	371950	53.17	ug/l	96
20) Methylene Chloride	2.70	84	114932	51.09	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	101746	49.64	ug/l	99
22) Diisopropyl ether	3.57	45	358389	52.32	ug/l	97
23) Vinyl Acetate	3.53	43	1514855	246.86	ug/l	99
24) 1,1-Dichloroethane	3.45	63	204757	51.96	ug/l	99
25) 2-Butanone	4.26	43	523827	272.00	ug/l	98
26) 2,2-Dichloropropane	4.23	77	147963	39.54	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	121683	51.63	ug/l	97
28) Bromochloromethane	4.55	49	72330	41.67	ug/l	86
29) Tetrahydrofuran	4.64	42	327879	274.93	ug/l	97
30) Chloroform	4.68	83	212693	53.32	ug/l	99
31) Cyclohexane	5.00	56	176817	50.55	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	195189	52.92	ug/l	97
36) 1,1-Dichloropropene	5.14	75	151853	50.71	ug/l	99
37) Ethyl Acetate	4.38	43	184087	56.40	ug/l	98
38) Carbon Tetrachloride	5.14	117	173666	52.74	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	179486	48.03	ug/l	96
40) Benzene	5.39	78	440442	51.61	ug/l	99
41) Methacrylonitrile	4.54	41	103847	59.01	ug/l	99
42) 1,2-Dichloroethane	5.41	62	184725	56.84	ug/l	99
43) Isopropyl Acetate	5.55	43	291775	51.71	ug/l	98
44) Trichloroethene	6.19	130	121624	50.08	ug/l	96
45) 1,2-Dichloropropane	6.44	63	120995	53.14	ug/l	100
46) Dibromomethane	6.56	93	87822	54.91	ug/l	95
47) Bromodichloromethane	6.76	83	167763	52.68	ug/l	97
48) Methyl methacrylate	6.63	41	153610	55.91	ug/l	98
49) 1,4-Dioxane	6.62	88	74394	1384.66	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	983888	277.57	ug/l	98
52) Toluene	7.64	92	288857	52.62	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	177299	49.57	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	185958	48.80	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	121294	54.35	ug/l	95
56) Ethyl methacrylate	8.02	69	192468	51.53	ug/l	99
57) 1,3-Dichloropropane	8.25	76	204573	54.34	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	355211	248.23	ug/l	95
59) 2-Hexanone	8.36	43	800147	276.50	ug/l	100
60) Dibromochloromethane	8.48	129	137748	49.50	ug/l	99
61) 1,2-Dibromoethane	8.59	107	133428	53.72	ug/l	98
64) Tetrachloroethene	8.23	164	118594	52.01	ug/l	97
65) Chlorobenzene	9.12	112	326353	53.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	125787	54.03	ug/l	98
67) Ethyl Benzene	9.25	91	569437	53.00	ug/l	98
68) m/p-Xylenes	9.38	106	445714	108.04	ug/l	97
69) o-Xylene	9.78	106	222556	54.51	ug/l	95
70) Styrene	9.80	104	355407	52.97	ug/l	98
71) Bromoform	9.96	173	107963	48.79	ug/l #	100
73) Isopropylbenzene	10.17	105	594753	53.02	ug/l	99
74) N-amyl acetate	10.01	43	268805	50.38	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	207891	55.31	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	176710m	54.94	ug/l	
77) Bromobenzene	10.45	156	153896	54.19	ug/l	94
78) n-propylbenzene	10.59	91	672357	50.88	ug/l	97
79) 2-Chlorotoluene	10.66	91	407630	52.31	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	511338	52.59	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	65313m	46.99	ug/l	
82) 4-Chlorotoluene	10.78	91	466400	51.43	ug/l	98
83) tert-Butylbenzene	11.10	119	505249	54.03	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	521932	52.68	ug/l	99
85) sec-Butylbenzene	11.33	105	606373	51.80	ug/l	98
86) p-Isopropyltoluene	11.48	119	538367	51.35	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	276878	52.77	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	277636	52.58	ug/l	99
89) n-Butylbenzene	11.89	91	433494	46.57	ug/l	97
90) Hexachloroethane	12.15	117	99056	48.43	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	284863	54.21	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	56681	54.65	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	177639	54.74	ug/l	99
94) Hexachlorobutadiene	13.70	225	93001	50.92	ug/l	98
95) Naphthalene	13.74	128	614465	57.10	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	187995	58.14	ug/l	98

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

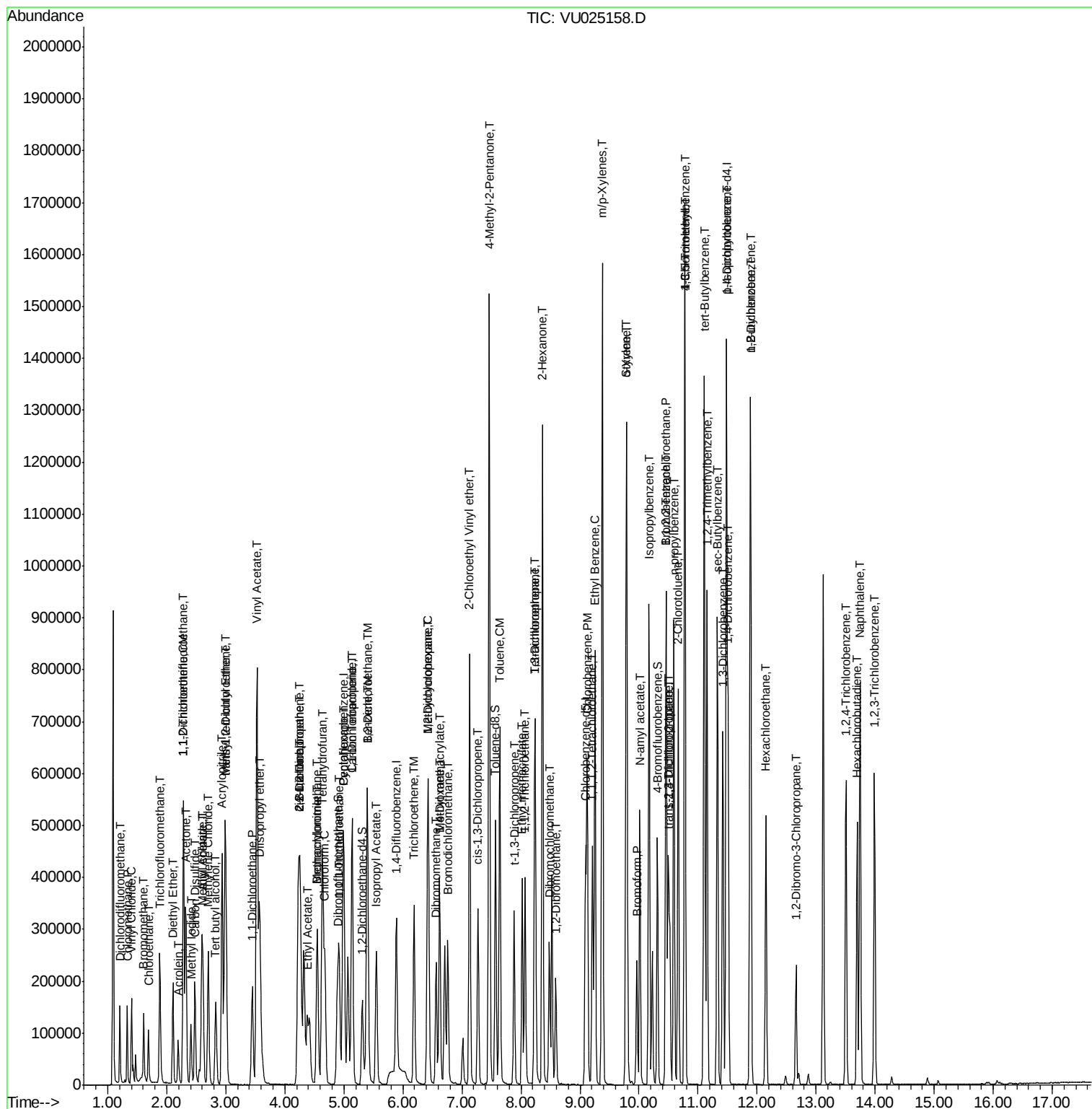
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070218\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 163453

Ion Ratio Lower Upper

168 100

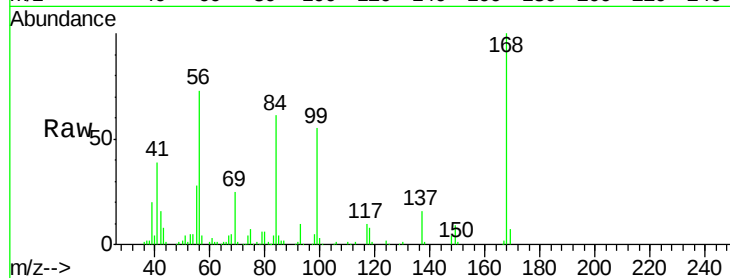
99 54.8 43.2 64.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

80000

60000

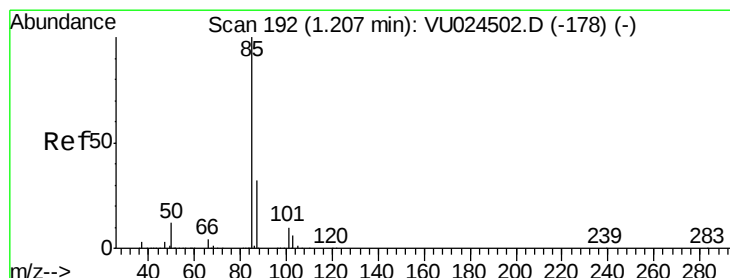
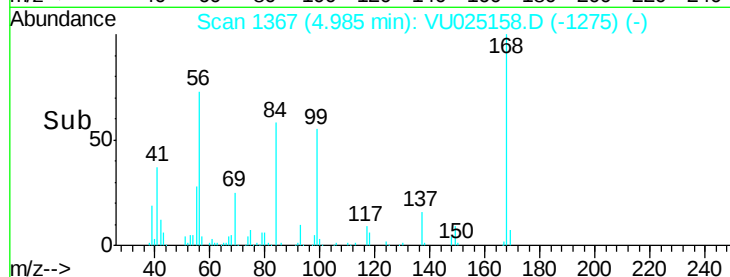
40000

20000

0

4.90 4.99 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.91 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025158.D

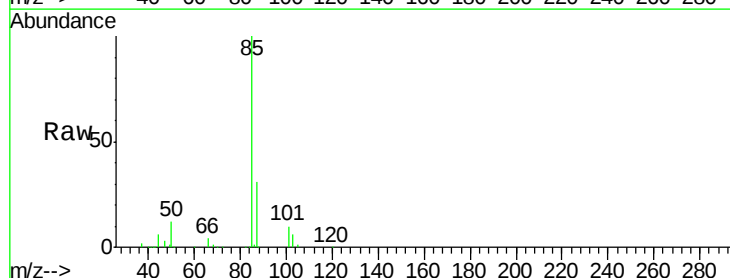
Acq: 02 Jul 2018 21:19

Tgt Ion: 85 Resp: 85745

Ion Ratio Lower Upper

85 100

87 31.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)

100000

80000

60000

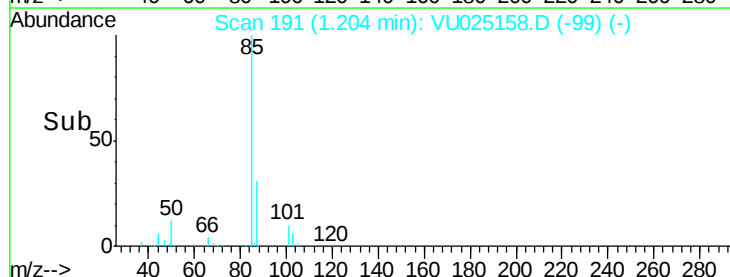
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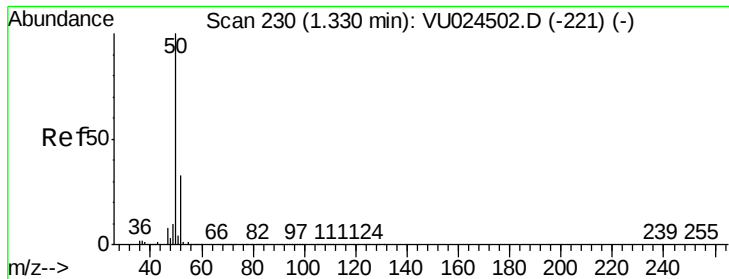
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 45.09 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 94242

Ion Ratio Lower Upper

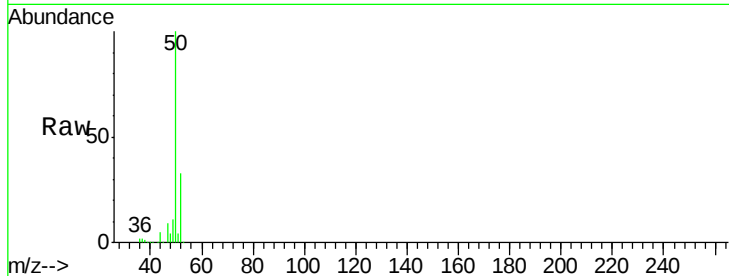
50 100

52 33.1 26.4 39.6

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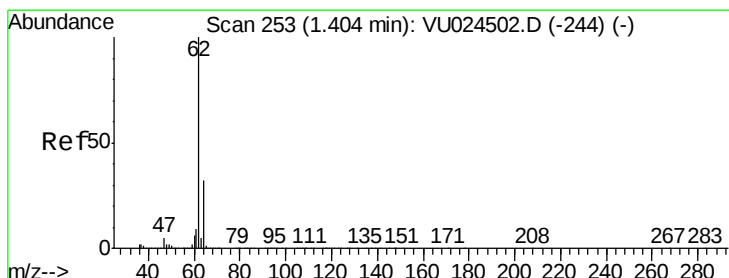
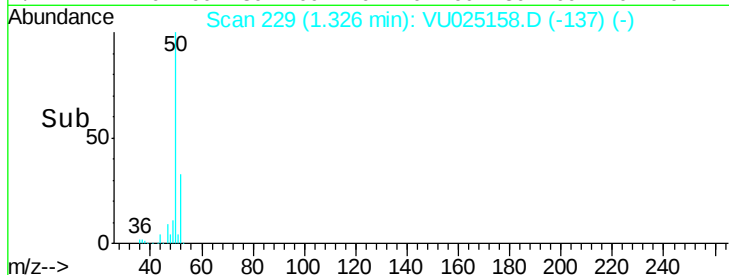
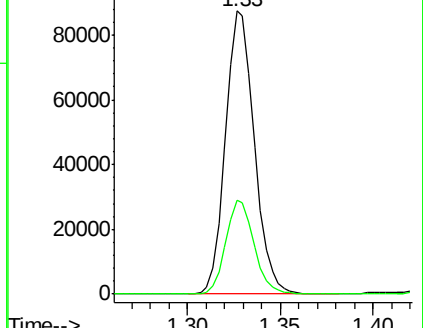
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Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU025158.D (-137) (-)



#4

Vinyl Chloride

Concen: 46.19 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025158.D

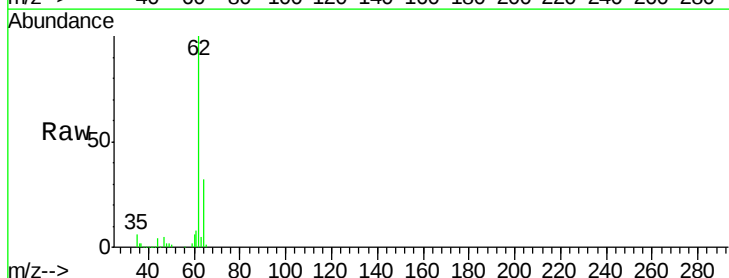
Acq: 02 Jul 2018 21:19

Tgt Ion: 62 Resp: 99559

Ion Ratio Lower Upper

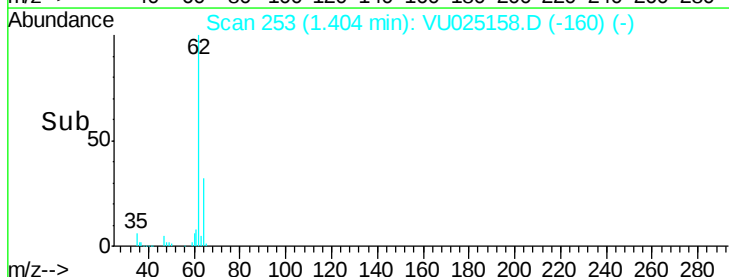
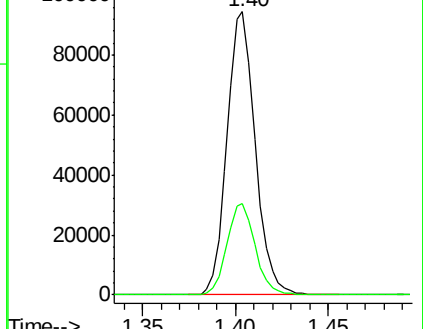
62 100

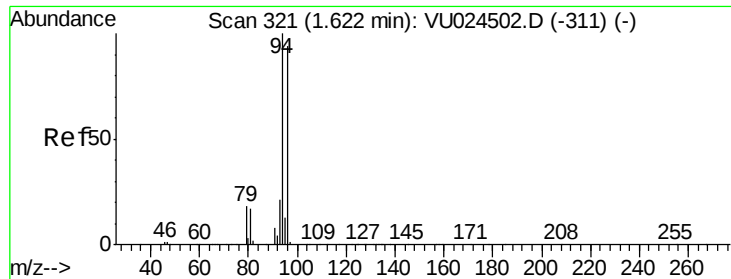
64 32.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU025158.D (-160) (-)





#5

Bromomethane

Concen: 50.64 ug/l

RT: 1.61 min Scan# 317

Delta R.T. -0.01 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 52765

Ion Ratio Lower Upper

94 100

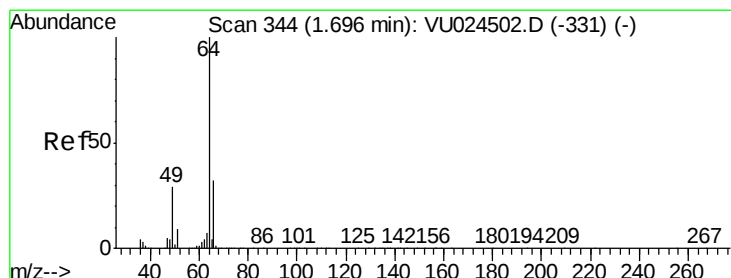
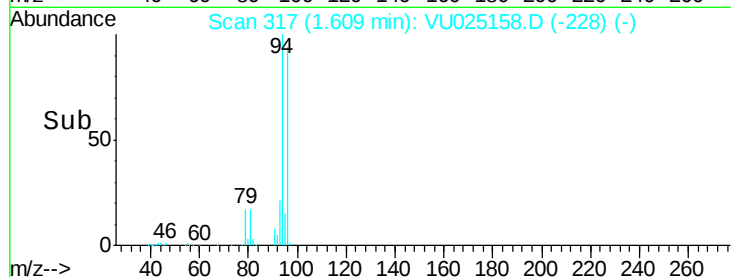
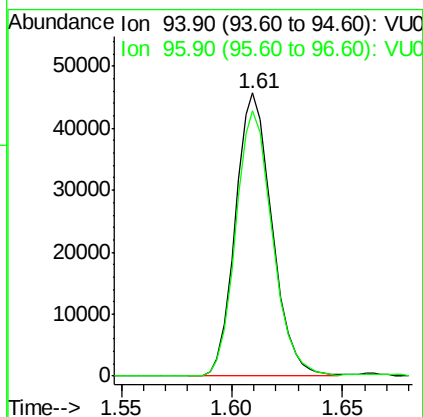
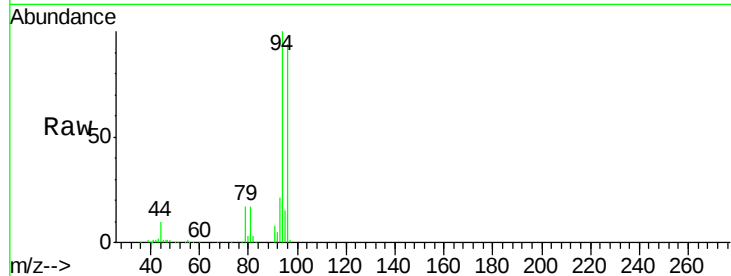
96 93.7 74.5 111.7

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#6

Chloroethane

Concen: 54.86 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU025158.D

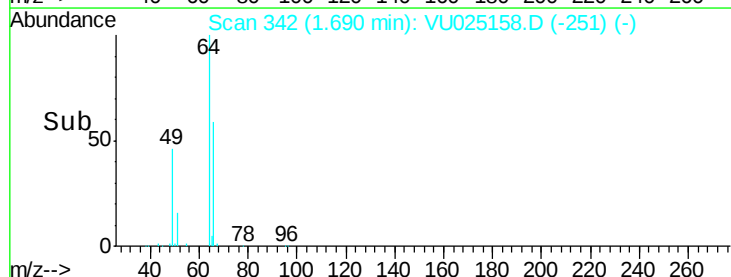
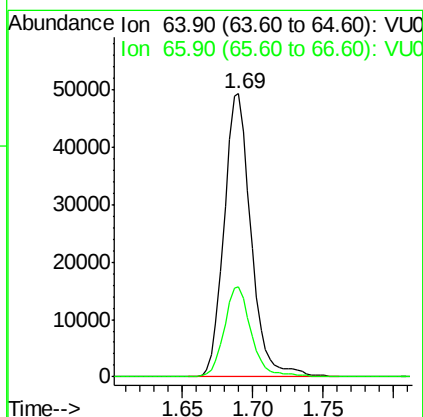
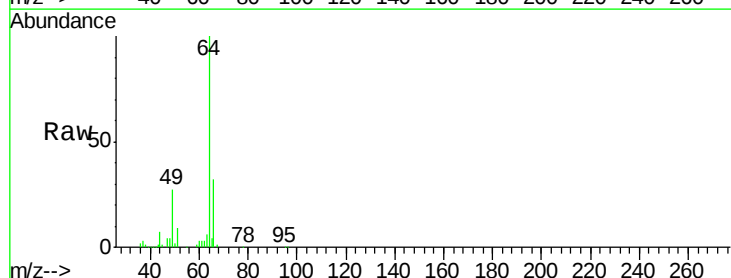
Acq: 02 Jul 2018 21:19

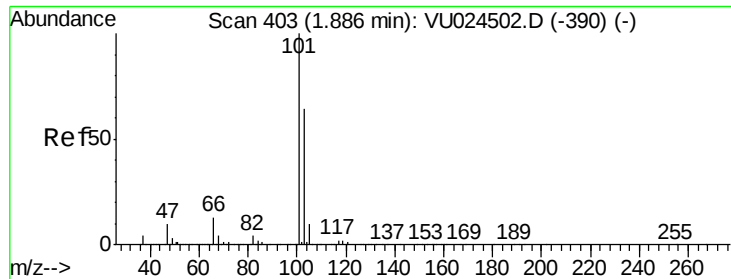
Tgt Ion: 64 Resp: 65962

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3





#7

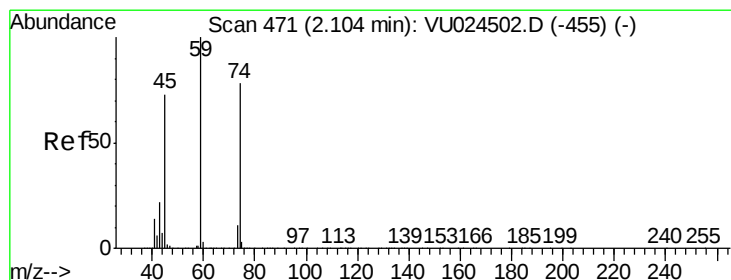
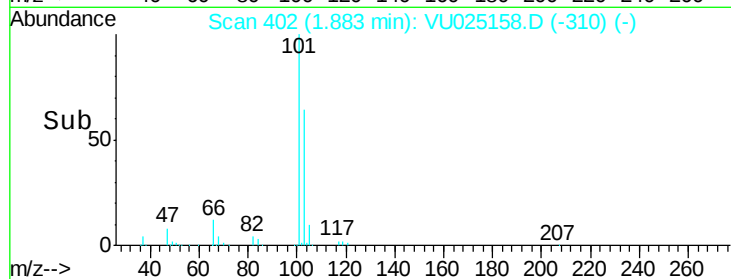
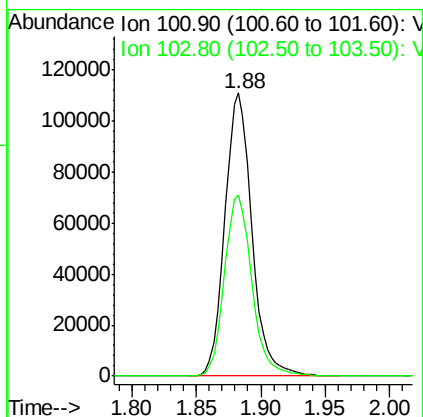
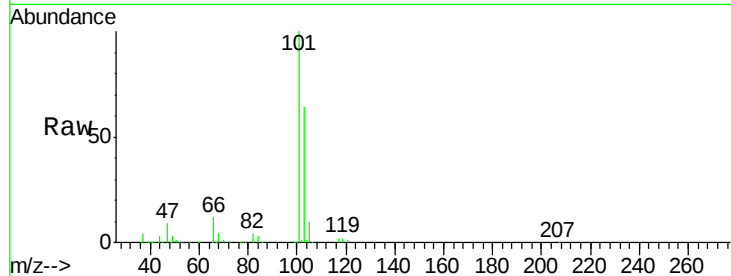
Trichlorofluoromethane
Concen: 49.15 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.3	78.5

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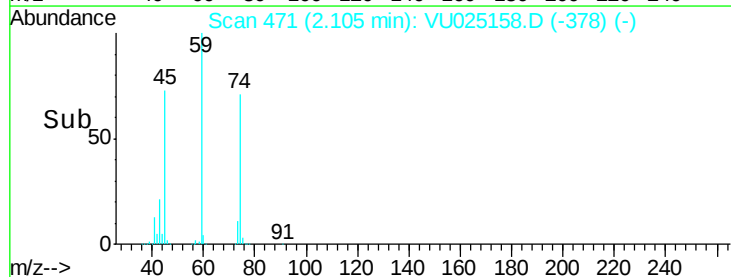
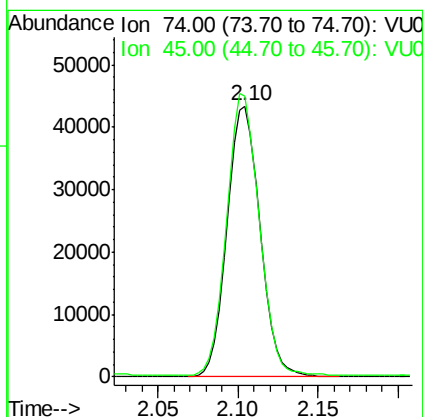
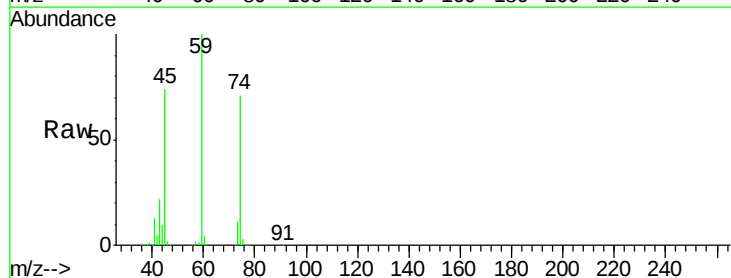
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#8

Diethyl Ether
Concen: 54.73 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.60 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

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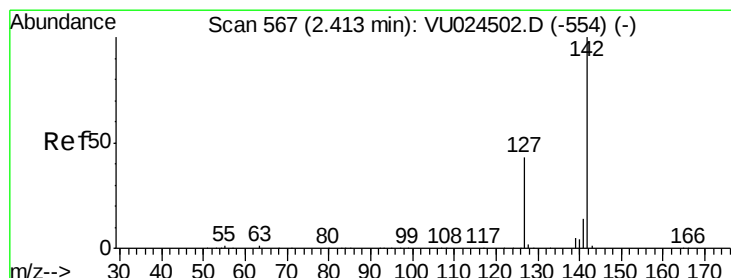
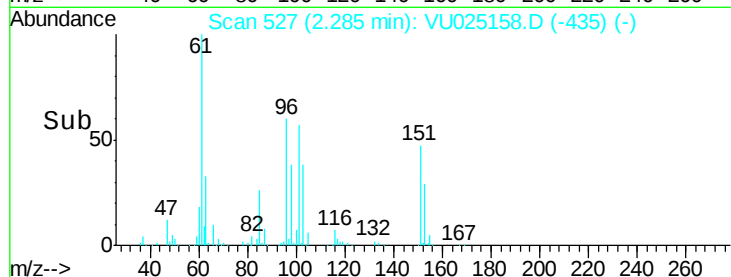
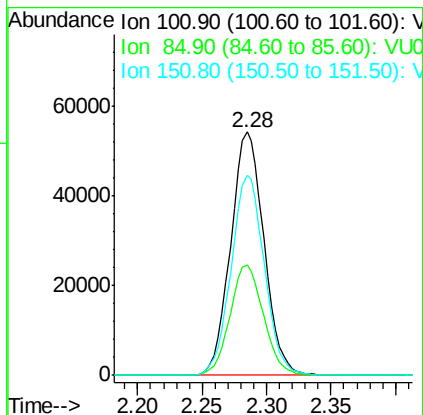
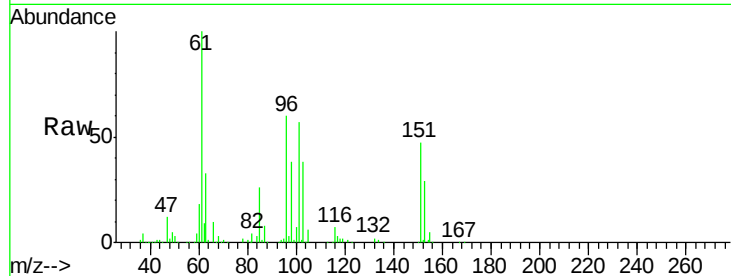
VSTDCCC050EC

Tot Ion:	101	Resp:	97135
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.0	54.0
151	82.0	62.3	93.5

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#10

Methyl Iodide

Concen: 63.25 ug/l

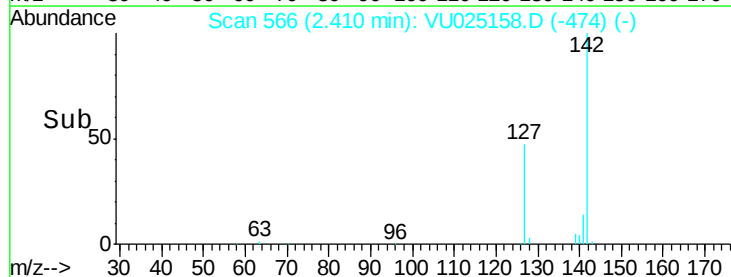
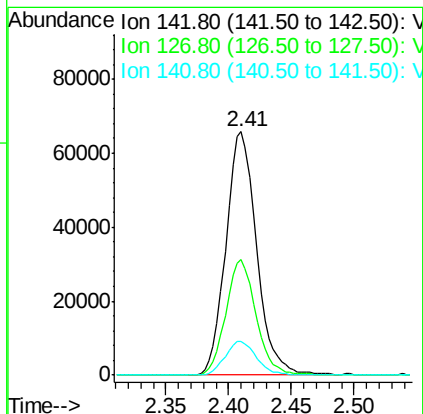
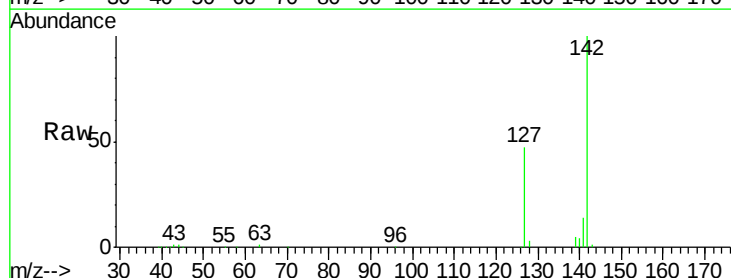
RT: 2.41 min Scan# 566

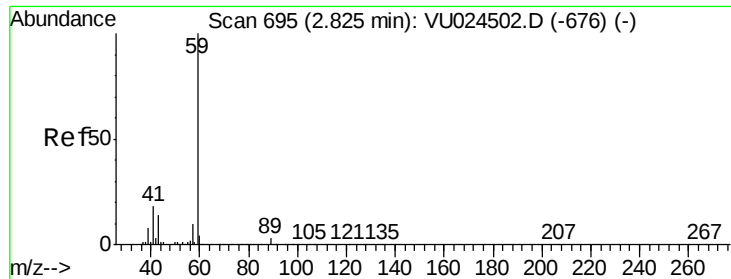
Delta R.T. -0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Tgt Ion:	142	Resp:	111949
Ion Ratio	Lower	Upper	
142	100		
127	46.7	35.6	53.4
141	14.0	11.7	17.5





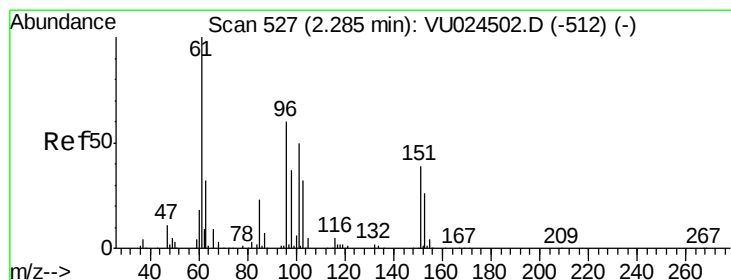
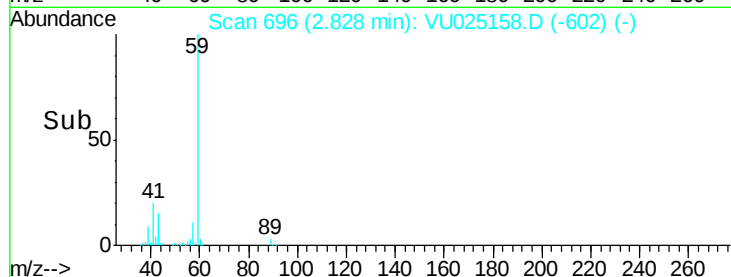
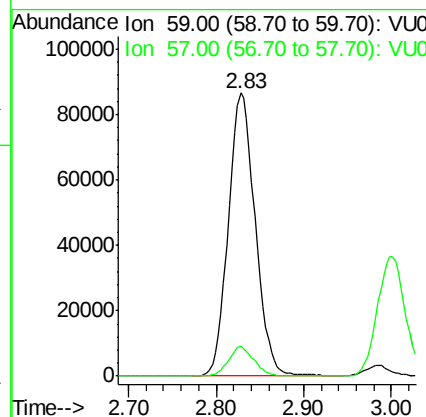
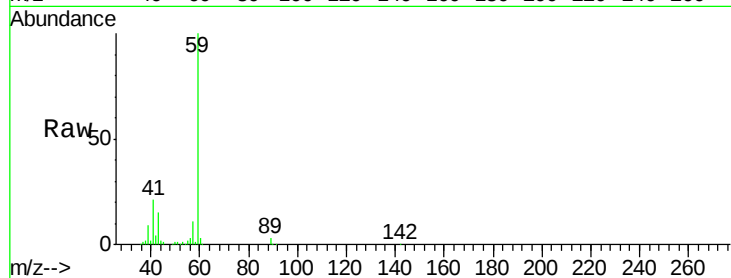
#11
Tert butyl alcohol
Concen: 285.05 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.5	12.7

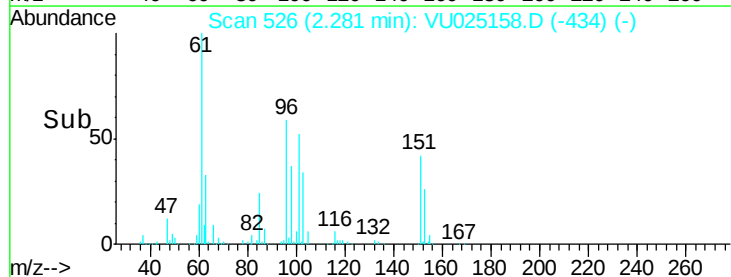
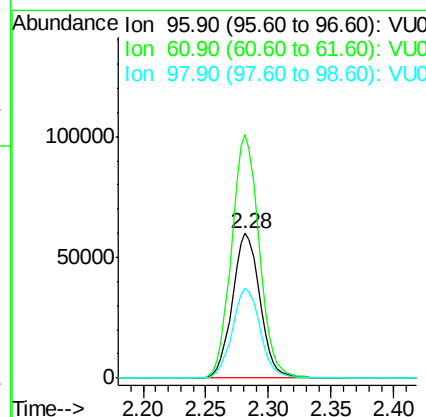
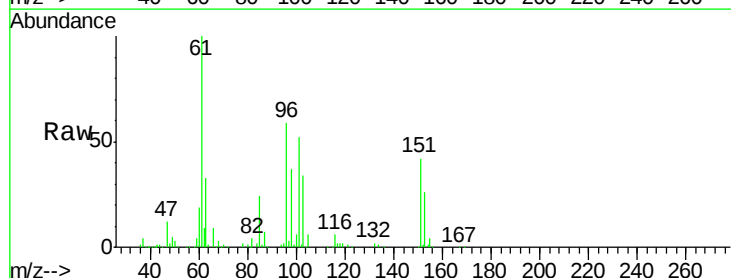
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 49.34 ug/l
RT: 2.28 min Scan# 526
Delta R.T. -0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.5	141.7	212.5
98	62.1	51.6	77.4





#13

Acrolein

Concen: 168.72 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 57498

Ion Ratio Lower Upper

56 100

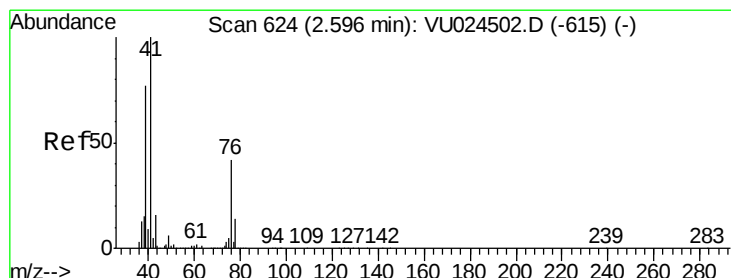
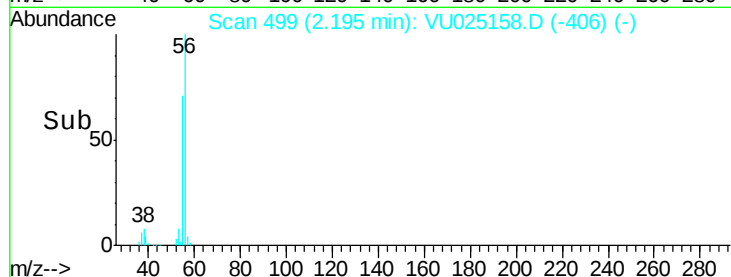
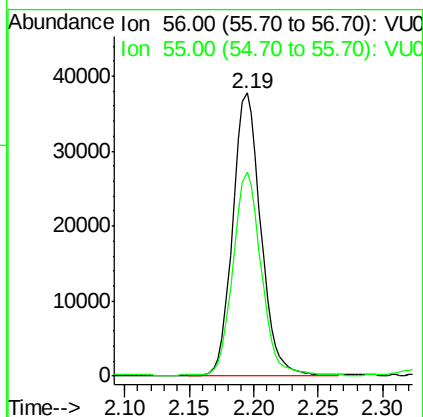
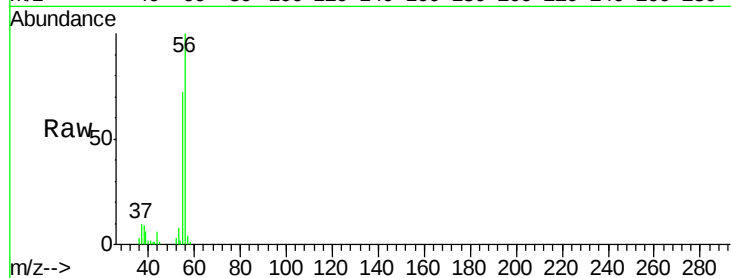
55 71.7 58.4 87.6

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#14

Allyl chloride

Concen: 45.34 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

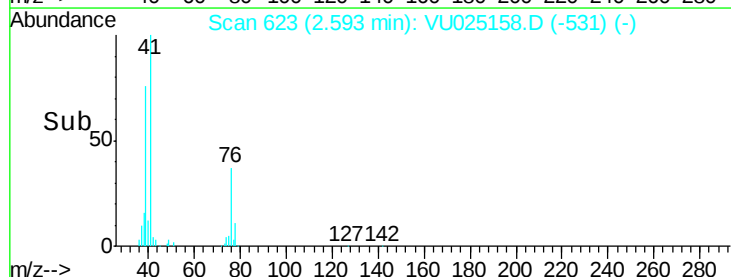
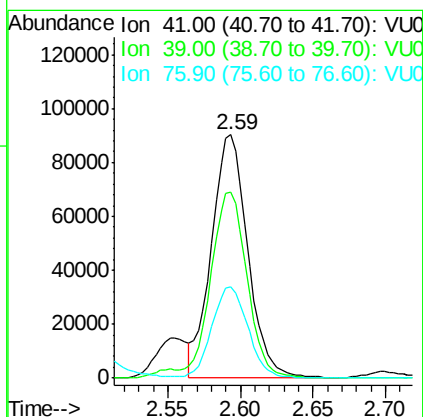
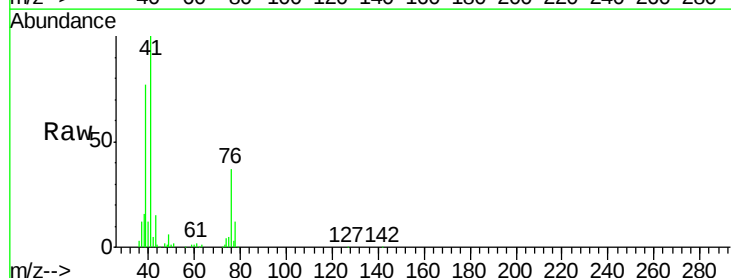
Tgt Ion: 41 Resp: 156664

Ion Ratio Lower Upper

41 100

39 75.6 61.6 92.4

76 37.4 29.7 44.5





#15

Acrylonitrile

Concen: 275.36 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

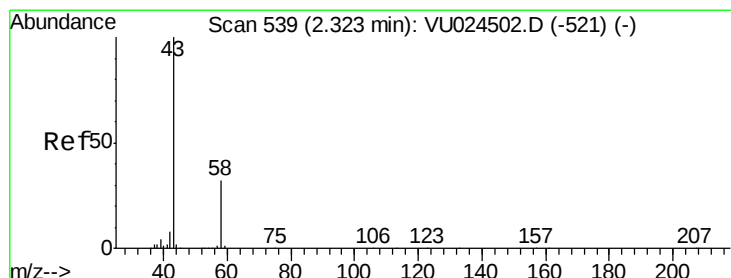
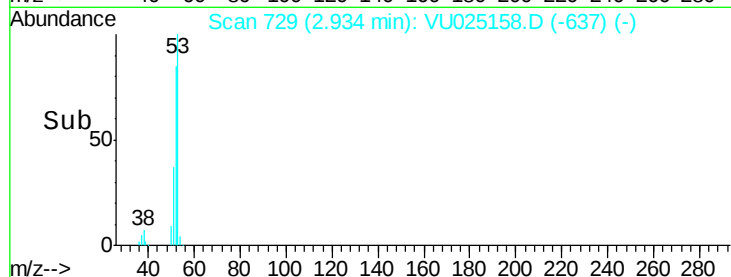
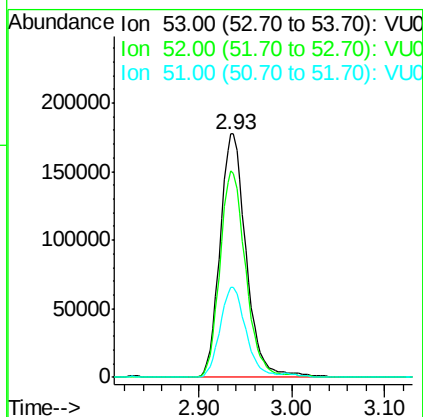
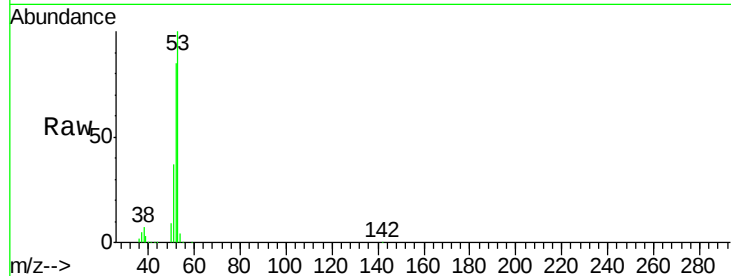
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	347685
Ion Ratio	Lower	Upper	
53	100		
52	83.8	67.1	100.7
51	36.4	28.4	42.6

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#16

Acetone

Concen: 243.35 ug/l

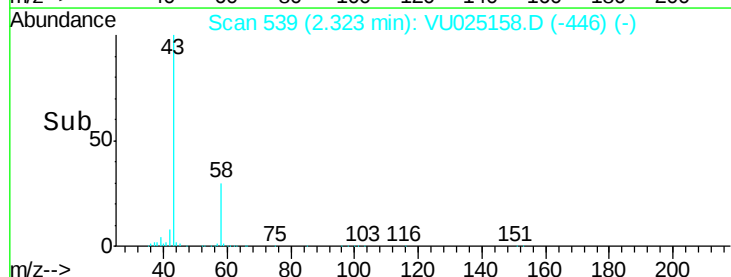
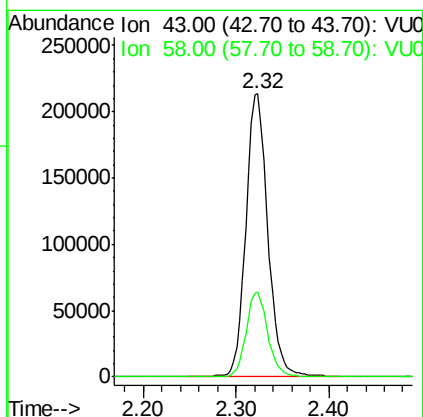
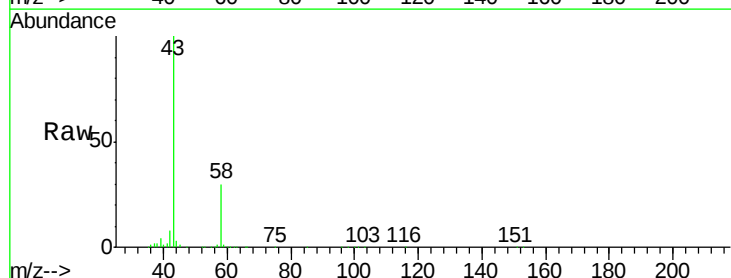
RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Tgt Ion:	43	Resp:	348903
Ion Ratio	Lower	Upper	
43	100		
58	29.8	24.4	36.6





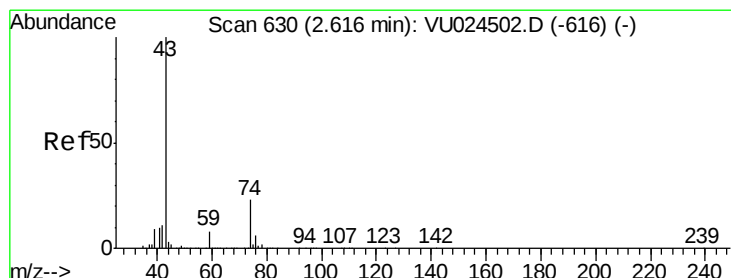
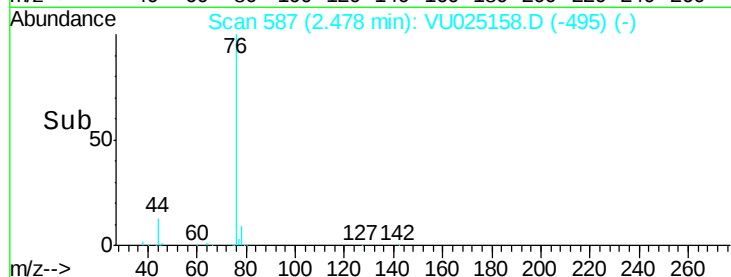
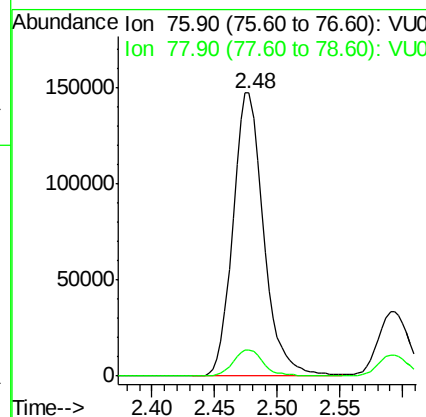
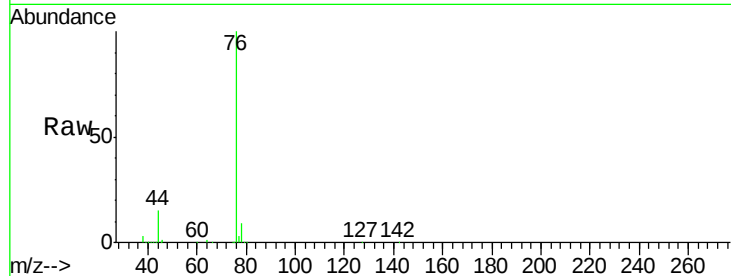
#17
Carbon Disulfide
Concen: 42.02 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

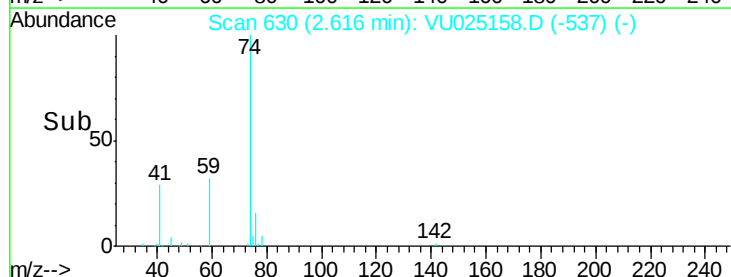
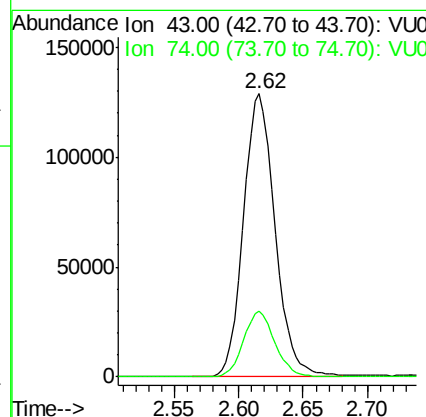
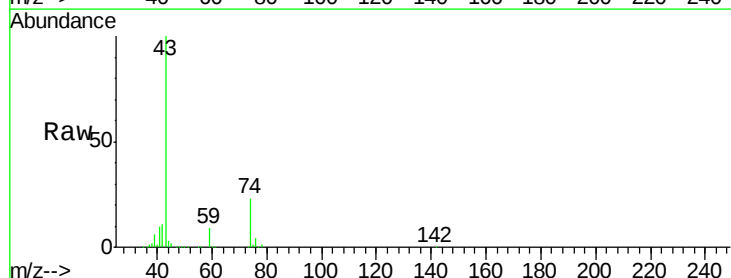
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#18
Methyl Acetate
Concen: 71.38 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.0	27.0





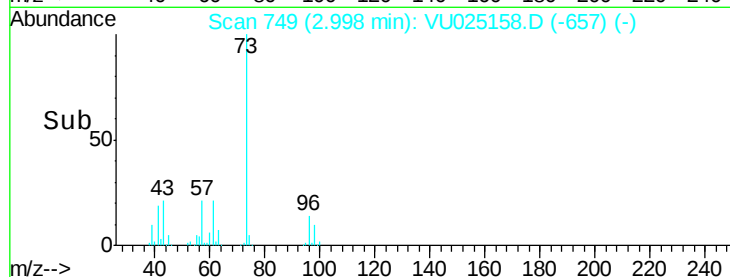
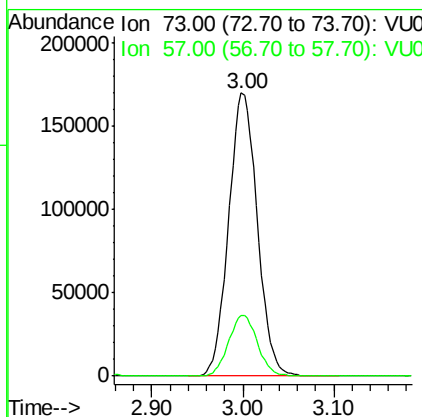
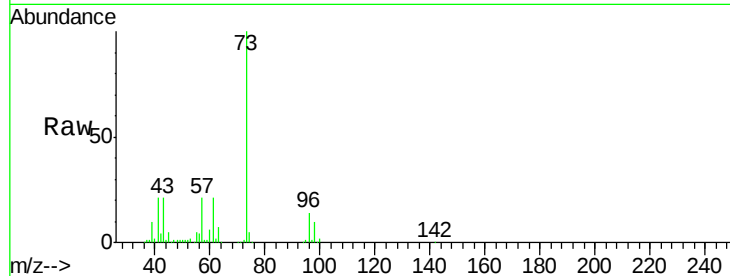
#19
Methvl tert-butvl Ether
Concen: 53.17 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	18.8	28.2

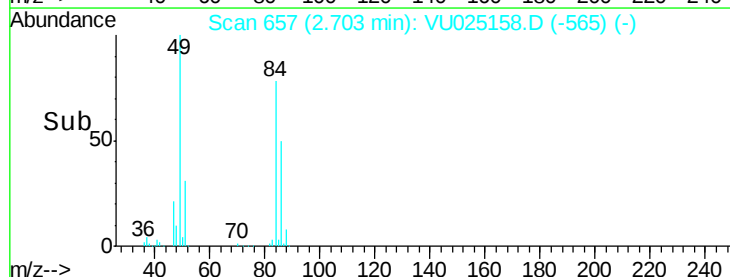
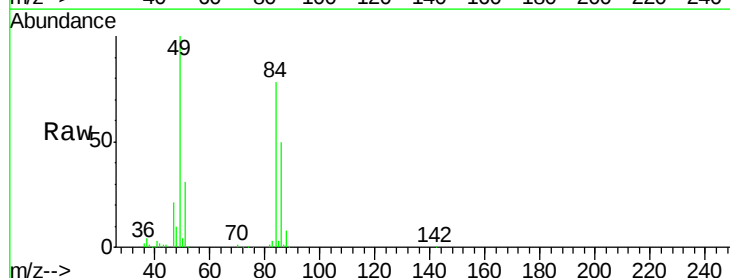
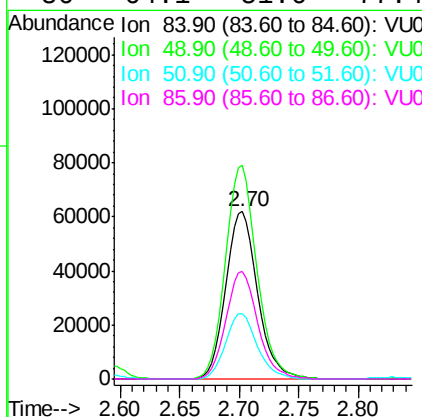
Manual Integrations
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#20
Methylene Chloride
Concen: 51.09 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.6	103.8	155.8
51	39.4	32.0	48.0
86	64.1	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 49.64 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

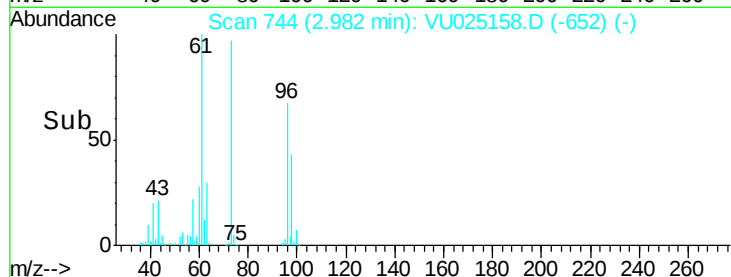
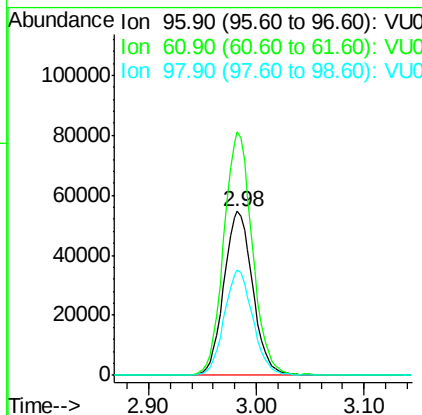
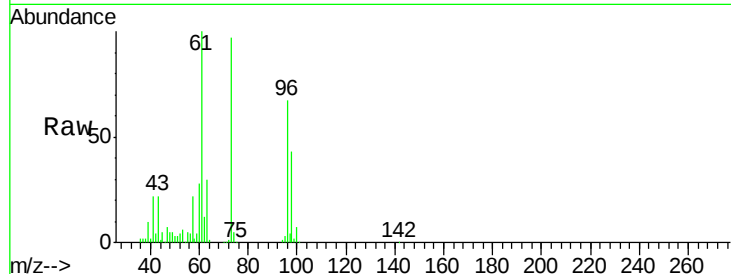
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	101746
Ion	Ratio	Lower	Upper
96	100		
61	148.6	119.4	179.0
98	64.5	51.1	76.7

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#22

Diisopropyl ether

Concen: 52.32 ug/l

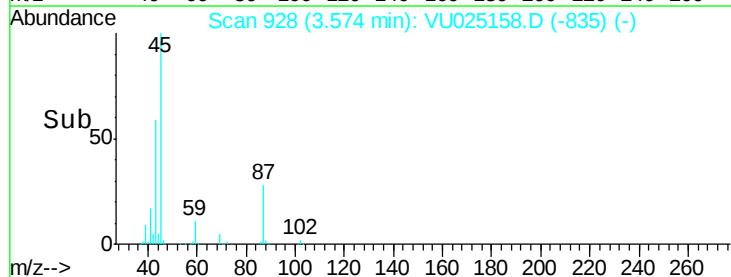
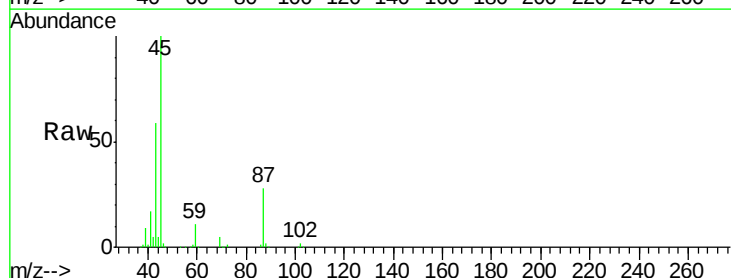
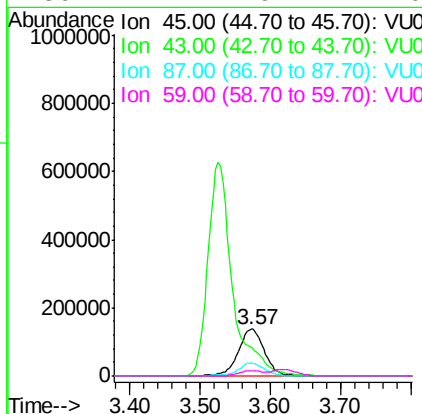
RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Tgt Ion:	45	Resp:	358389
Ion	Ratio	Lower	Upper
45	100		
43	58.7	45.8	68.6
87	28.1	20.6	31.0
59	11.4	9.4	14.0





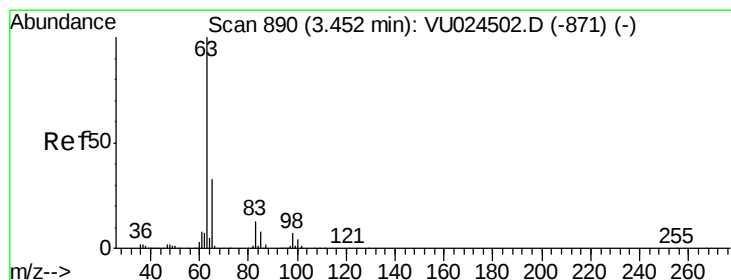
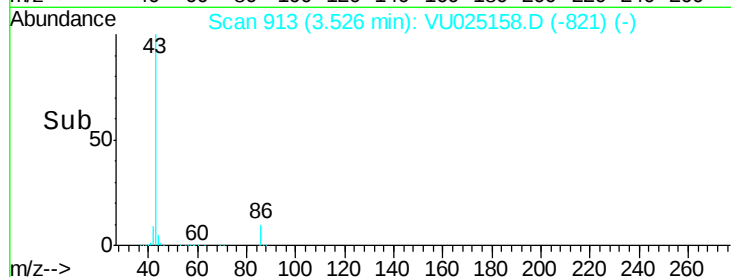
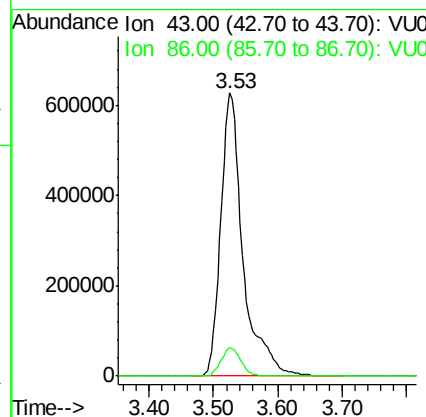
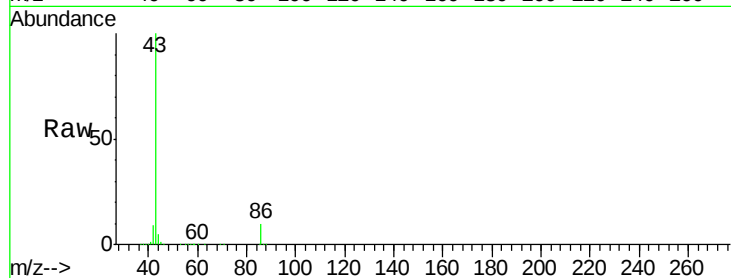
#23
 Vinyl Acetate
 Concen: 246.86 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1514855
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

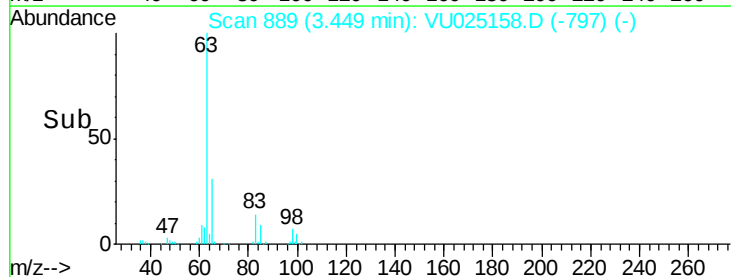
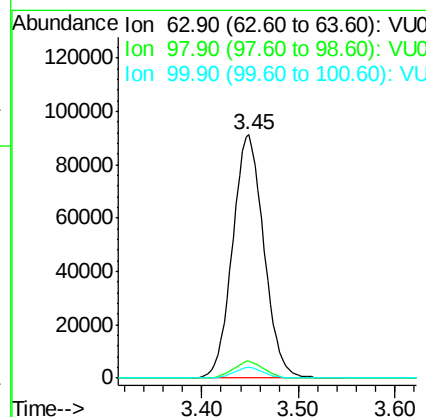
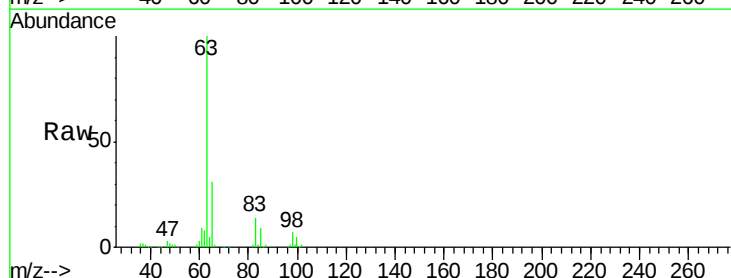
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#24
 1,1-Dichloroethane
 Concen: 51.96 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Tgt Ion: 63 Resp: 204757
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 272.00 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 523827

Ion Ratio Lower Upper

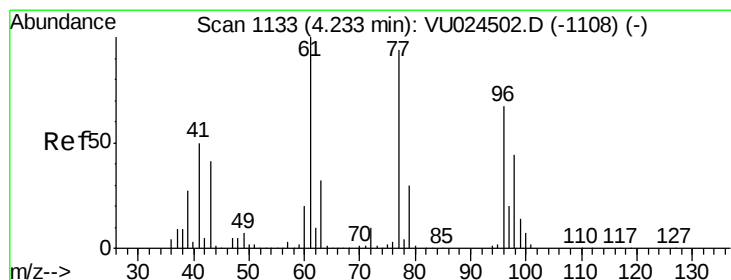
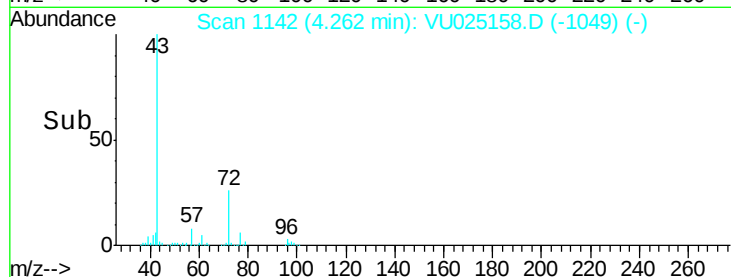
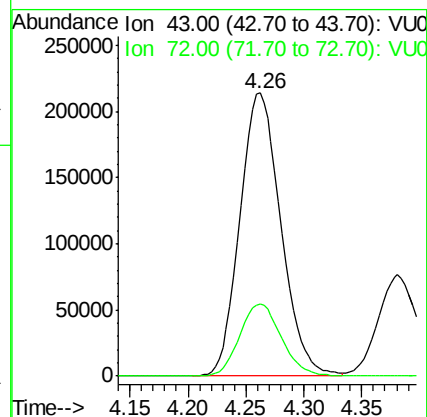
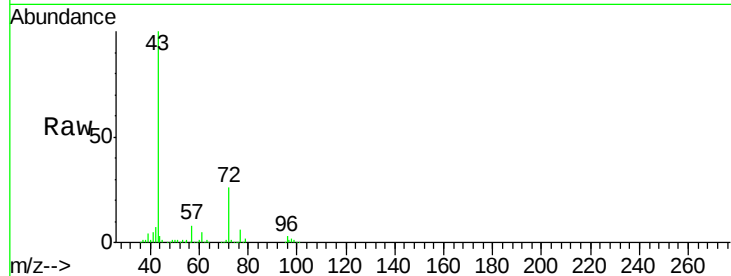
43 100

72 25.4 19.6 29.4

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#26

2,2-Dichloropropane

Concen: 39.54 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025158.D

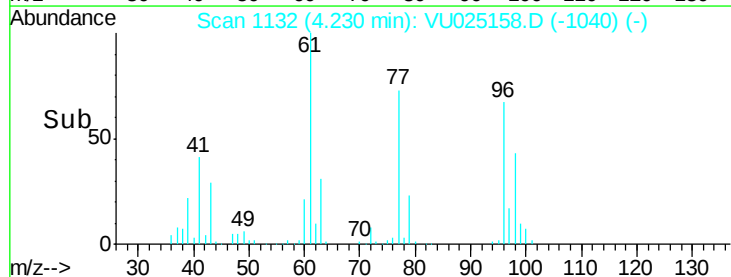
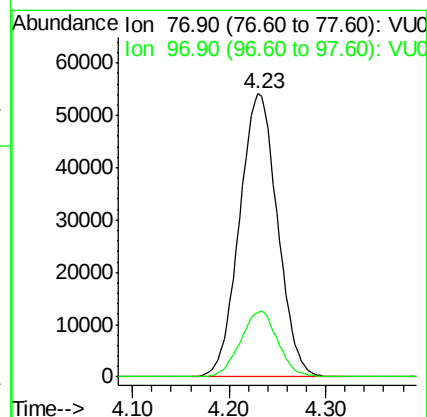
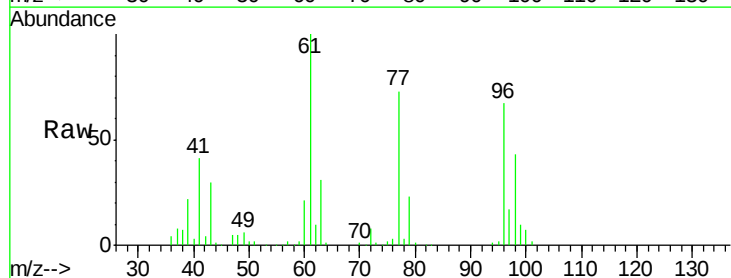
Acq: 02 Jul 2018 21:19

Tgt Ion: 77 Resp: 147963

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 51.63 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

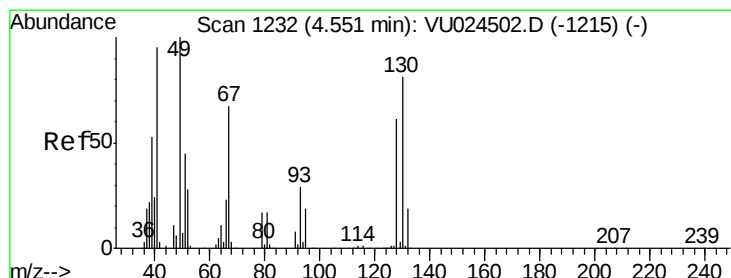
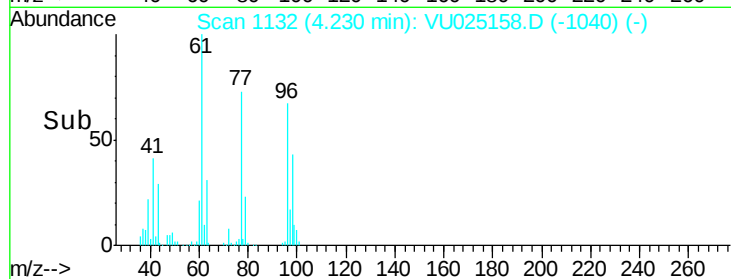
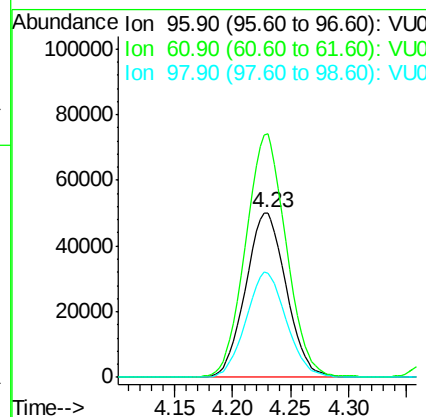
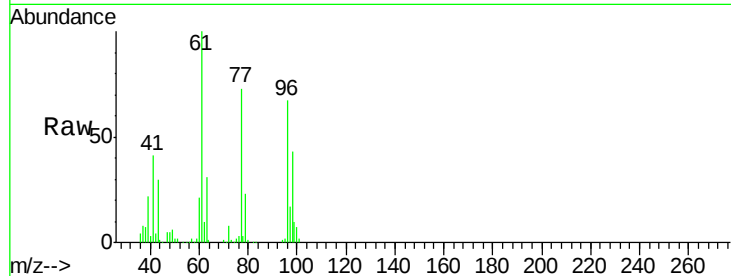
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	121683
Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	306.6
98	63.6	0.0	128.8

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#28

Bromochloromethane

Concen: 41.67 ug/l

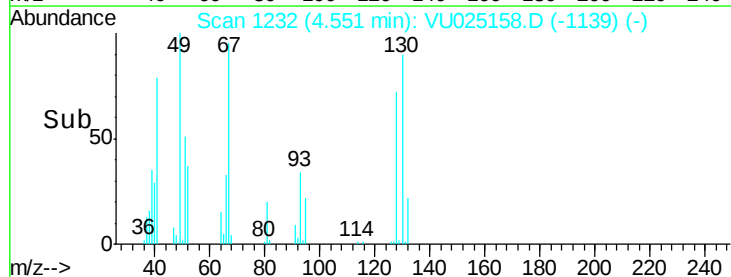
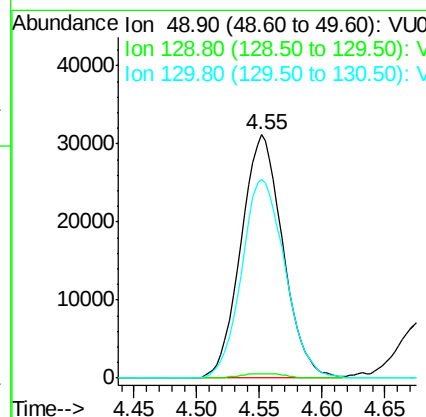
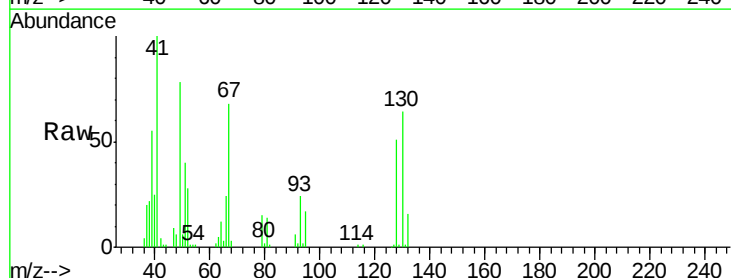
RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Tgt Ion:	49	Resp:	72330
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	84.3	57.8	86.6





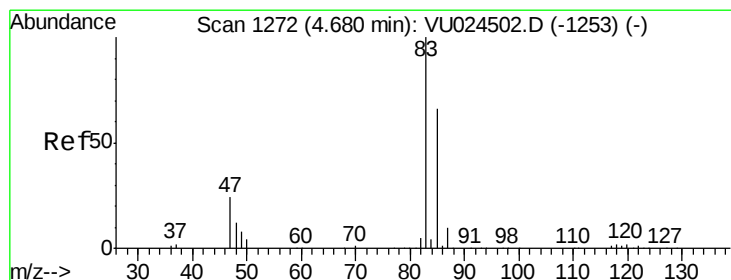
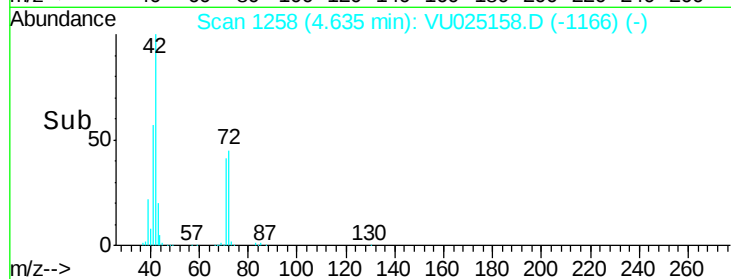
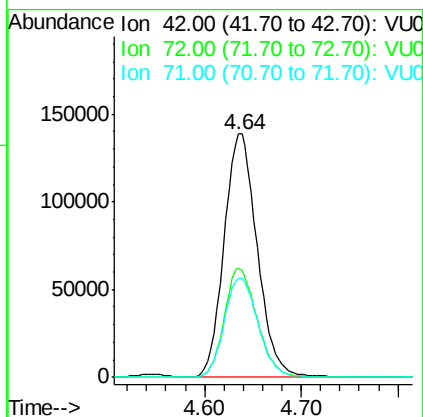
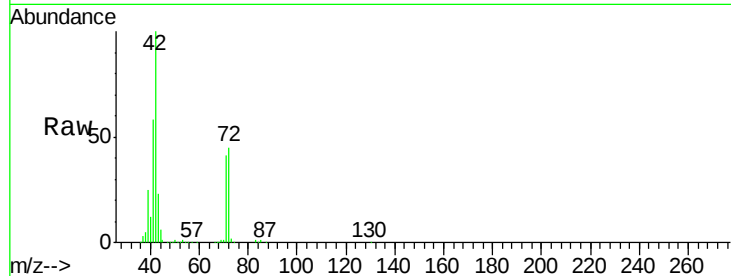
#29
Tetrahydrofuran
Concen: 274.93 ug/l
RT: 4.64 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.5	51.7
71	41.9	32.2	48.4

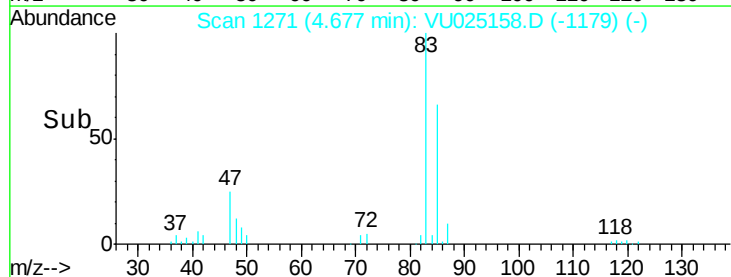
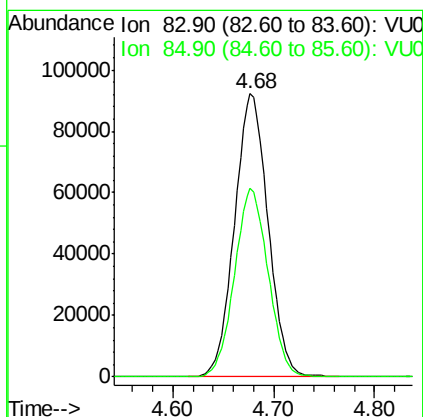
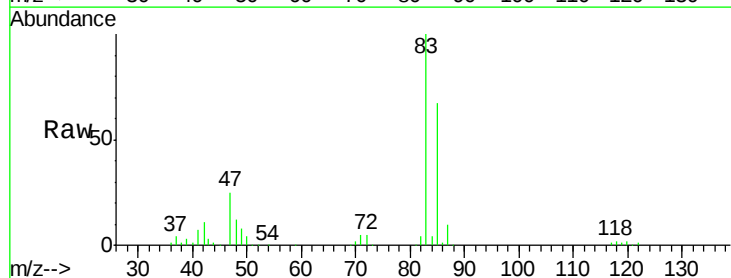
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#30
Chloroform
Concen: 53.32 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.4	78.6





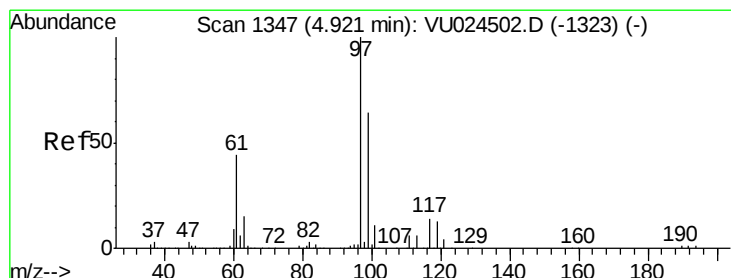
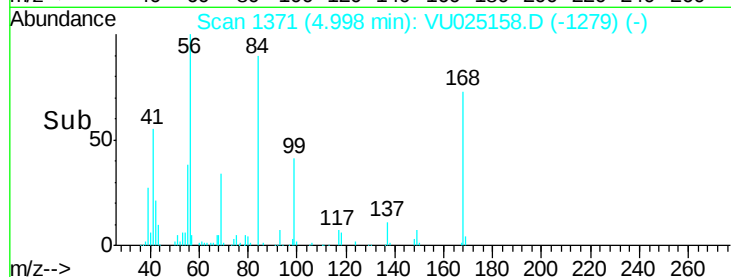
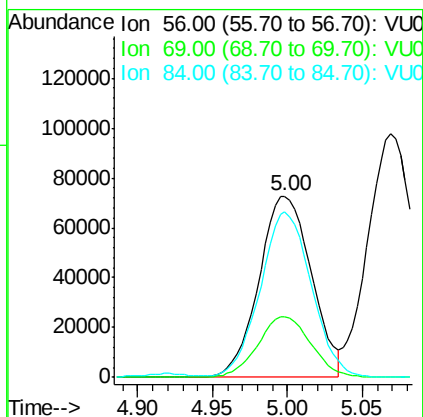
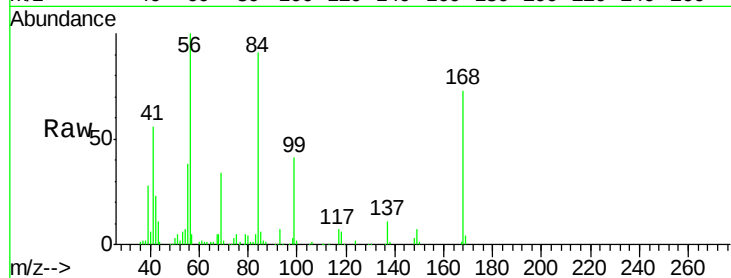
#31
Cyclohexane
Concen: 50.55 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	24.8	37.2
84	89.8	65.2	97.8

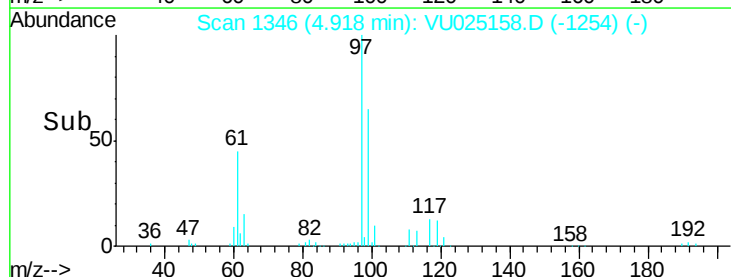
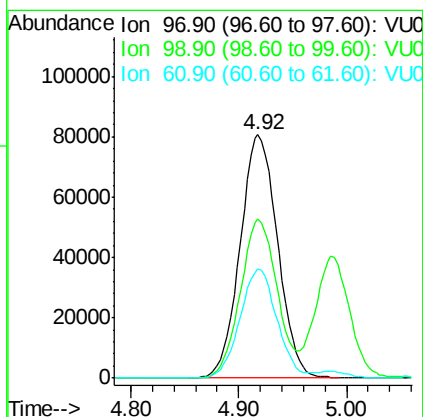
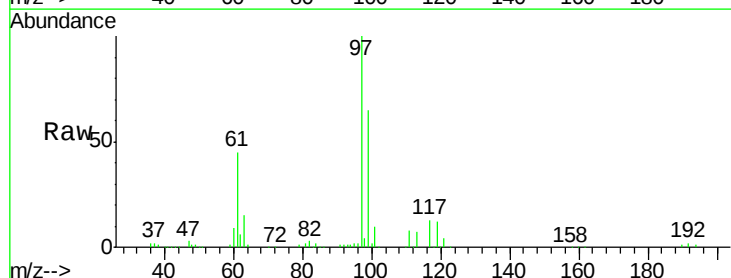
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#32
1,1,1-Trichloroethane
Concen: 52.92 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.6
61	44.3	39.4	59.0





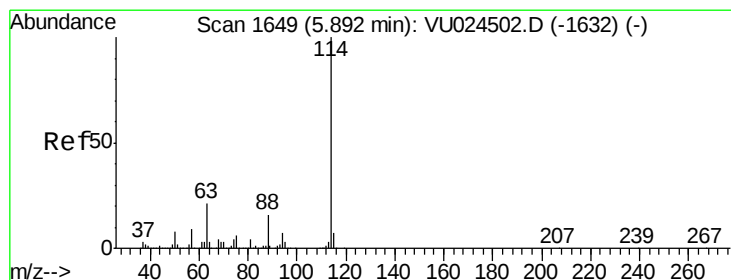
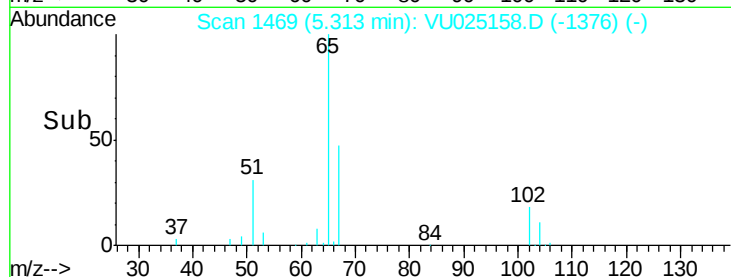
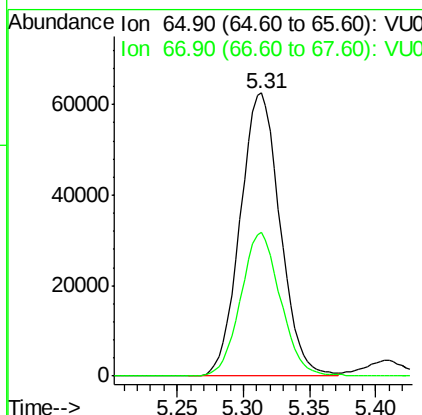
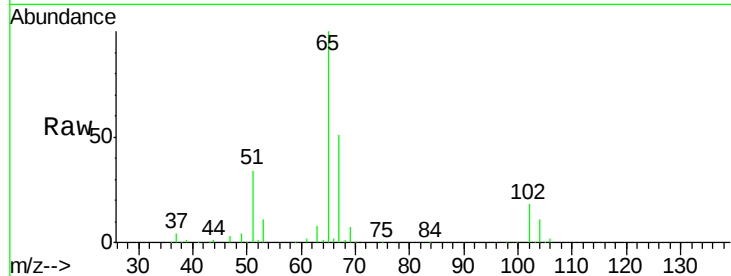
#33
 1,2-Dichloroethane-d4
 Concen: 49.22 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	131336		
67	50.6	0.0	107.0	

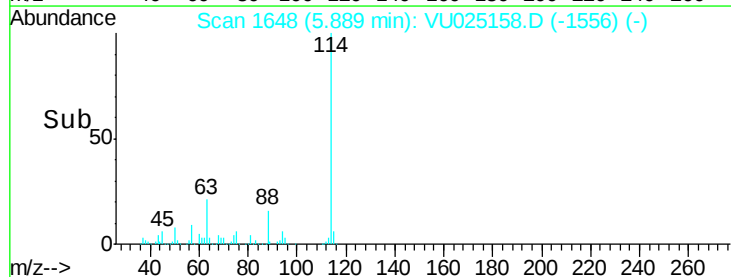
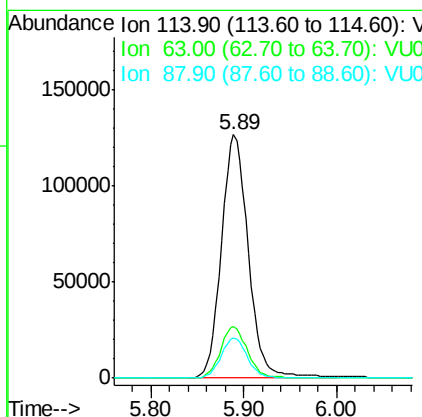
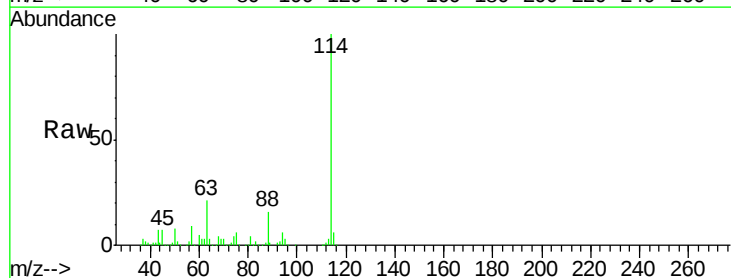
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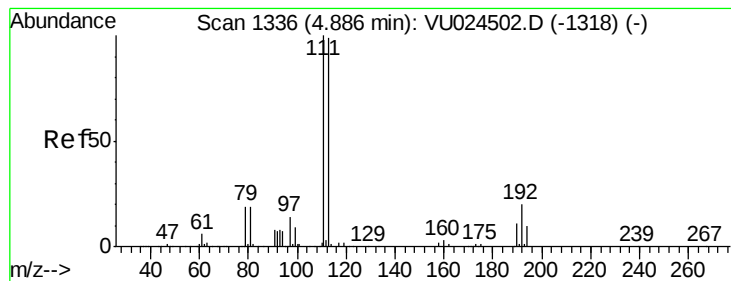
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	254852		
63	21.0	0.0	45.4	
88	16.4	0.0	31.0	





#35

Dibromofluoromethane

Concen: 50.66 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

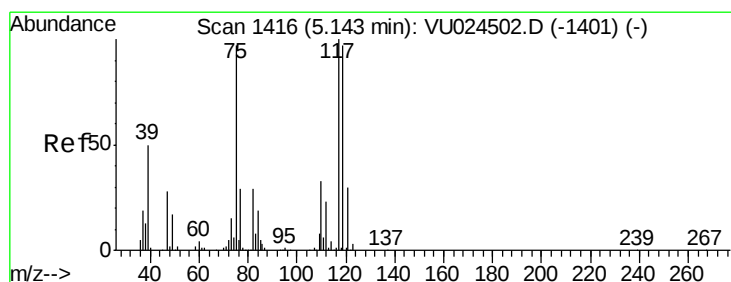
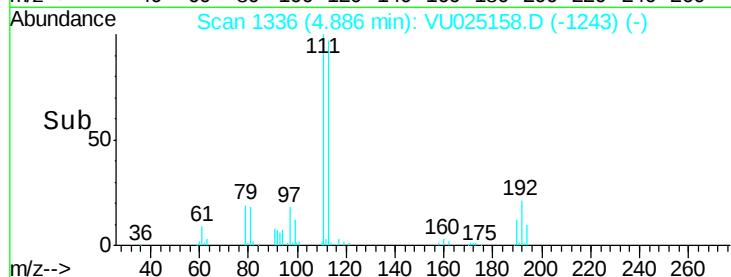
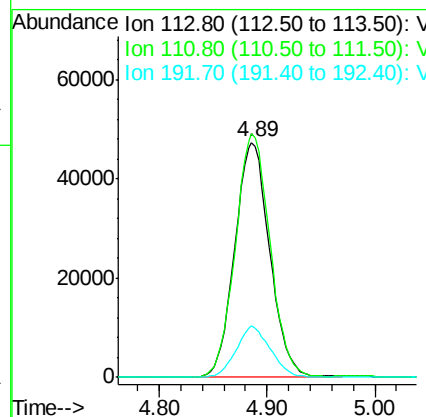
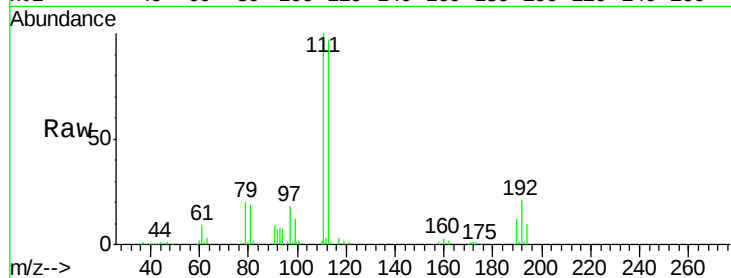
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	107153
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.2	123.4
192	21.3	16.2	24.4

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#36

1,1-Dichloropropene

Concen: 50.71 ug/l

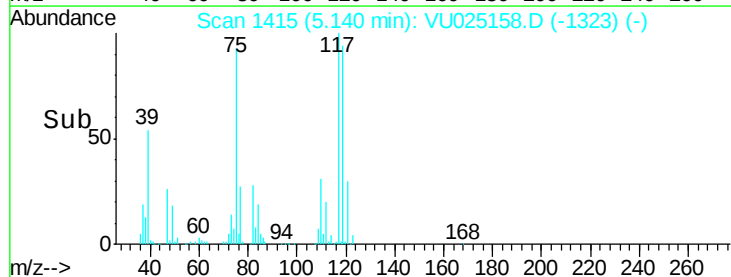
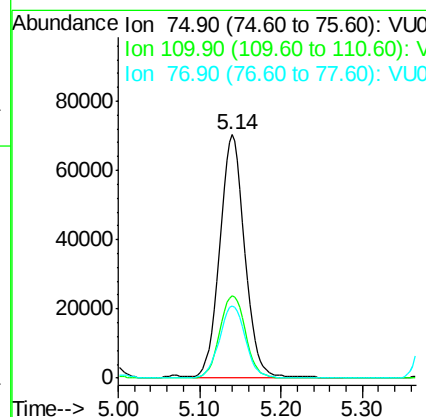
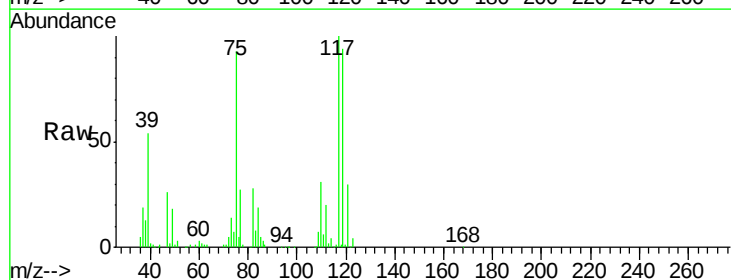
RT: 5.14 min Scan# 1415

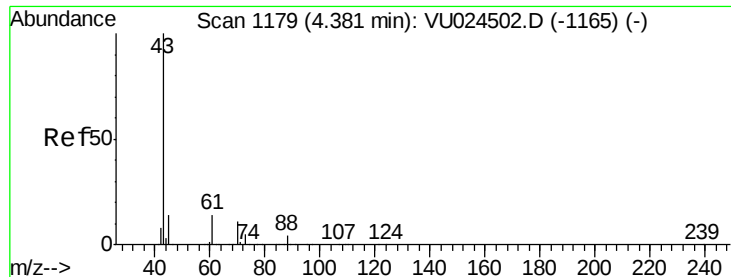
Delta R.T. -0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Tgt Ion:	75	Resp:	151853
Ion Ratio	Lower	Upper	
75	100		
110	35.3	17.0	50.9
77	30.5	24.2	36.4





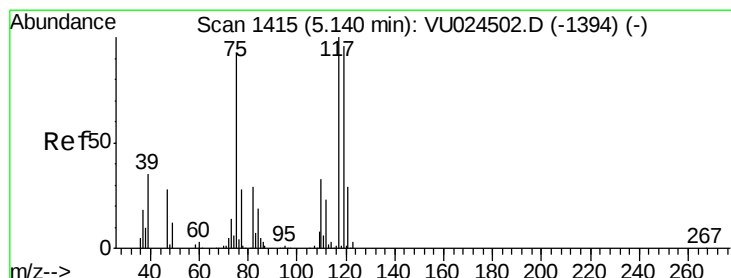
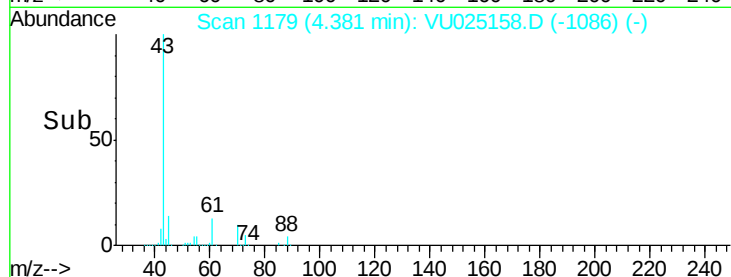
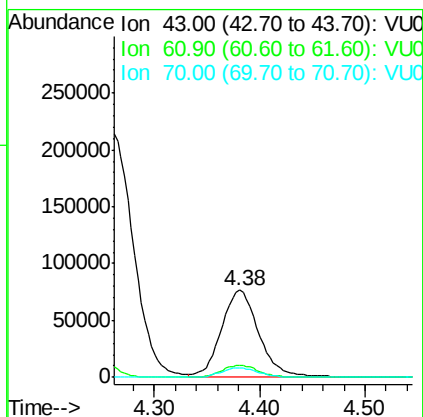
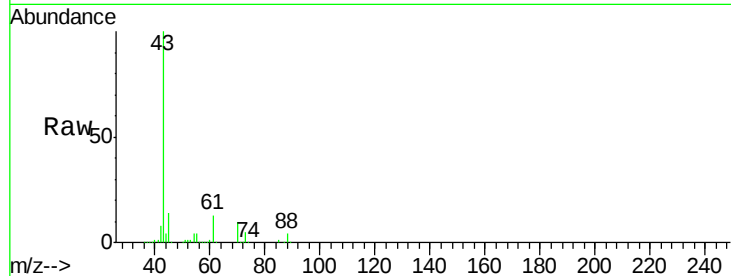
#37
Ethyl Acetate
Concen: 56.40 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	184087
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.5	15.7
70	10.9	7.4	11.2

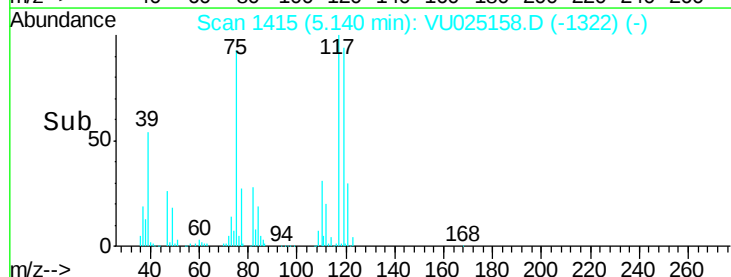
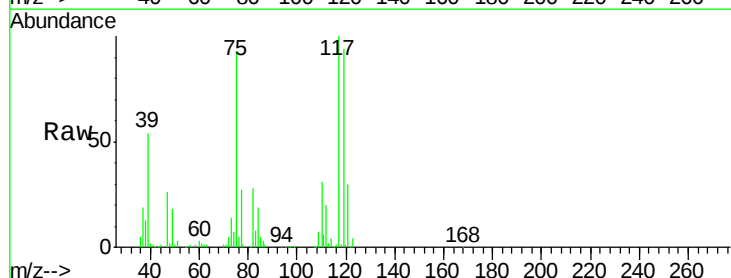
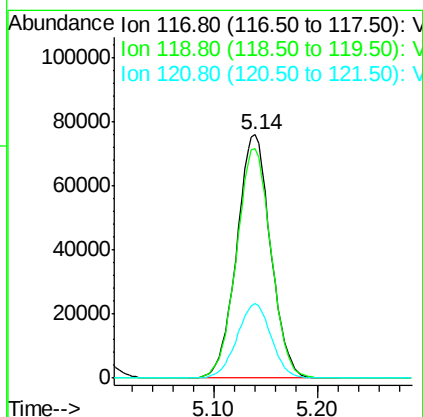
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 52.74 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion	117	Resp	173666
Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.1	114.1
121	30.5	23.7	35.5





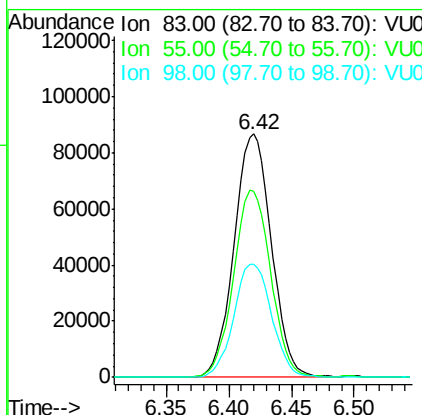
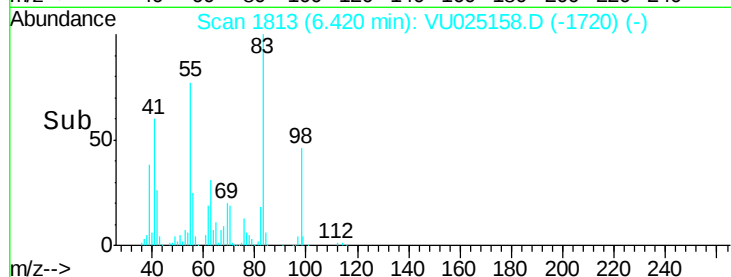
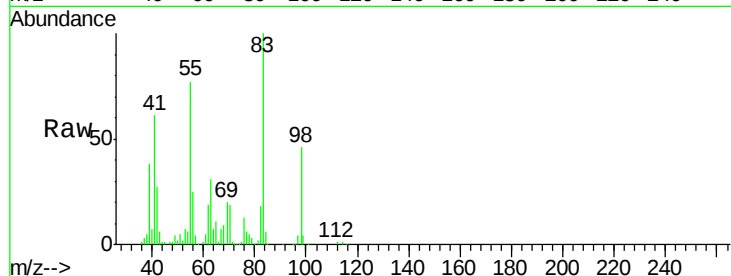
#39
Methvlcvclohexane
Concen: 48.03 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	65.8	98.6
98	46.5	36.7	55.1

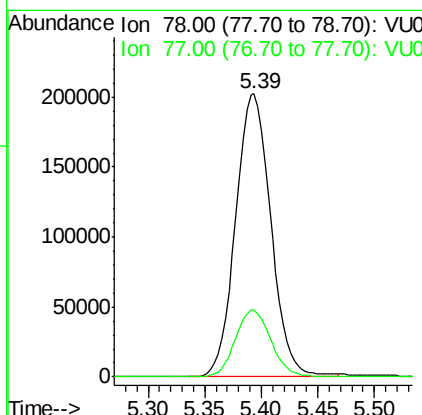
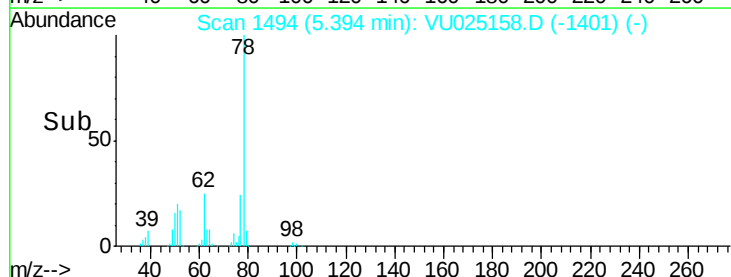
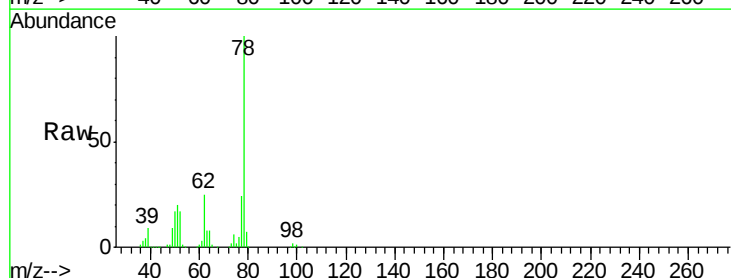
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#40
Benzene
Concen: 51.61 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





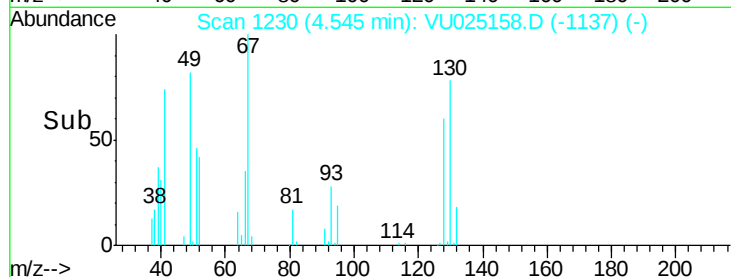
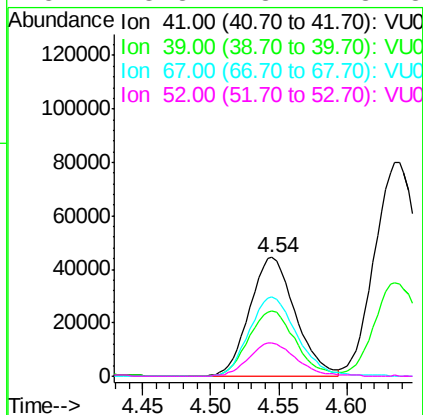
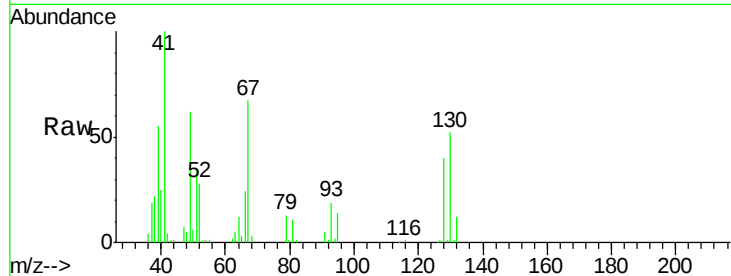
#41
Methacrylonitrile
Concen: 59.01 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	43.8	65.6	
67	69.6	56.3	84.5	
52	28.3	23.2	34.8	

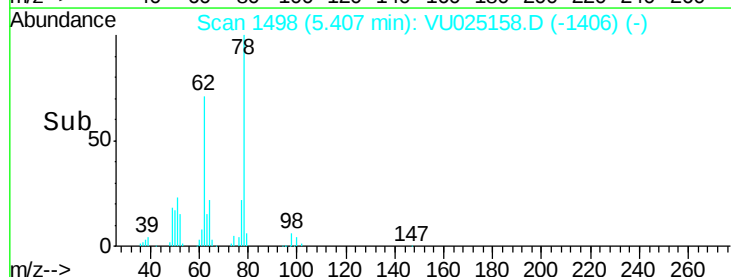
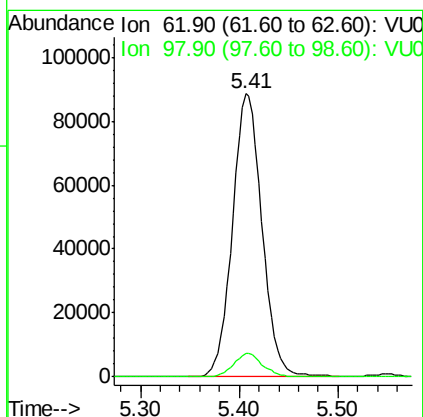
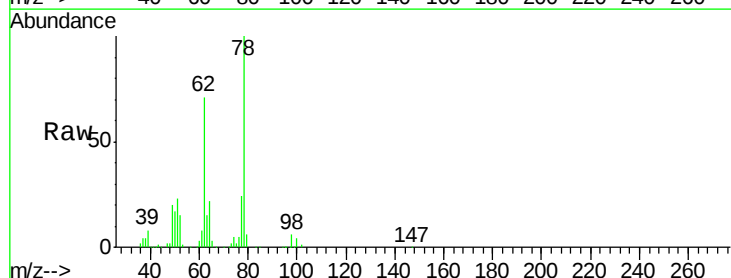
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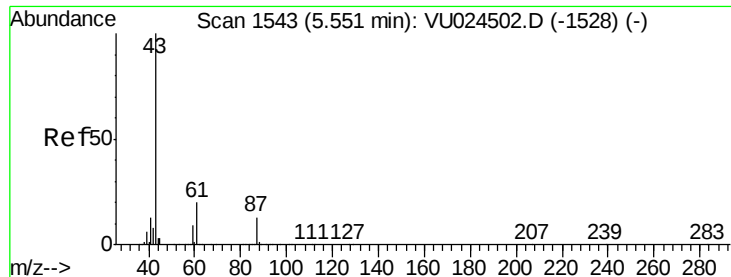
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#42
1,2-Dichloroethane
Concen: 56.84 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.6	





#43

Isopropyl Acetate

Concen: 51.71 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

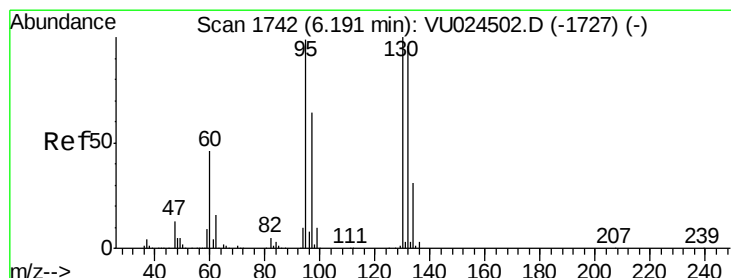
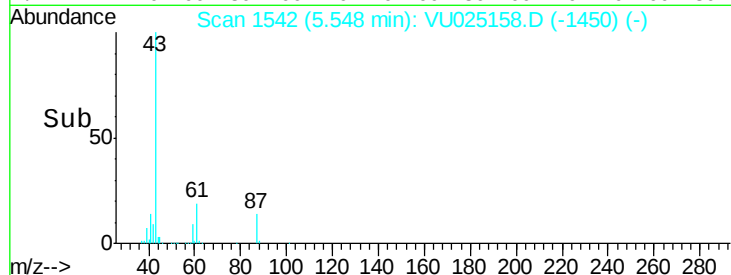
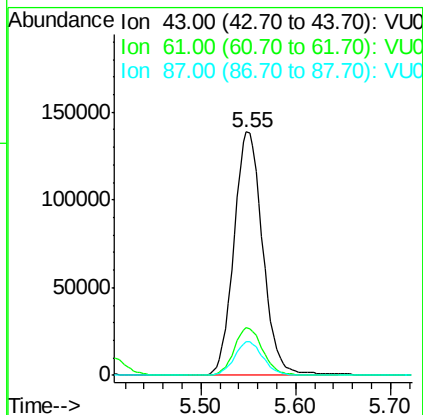
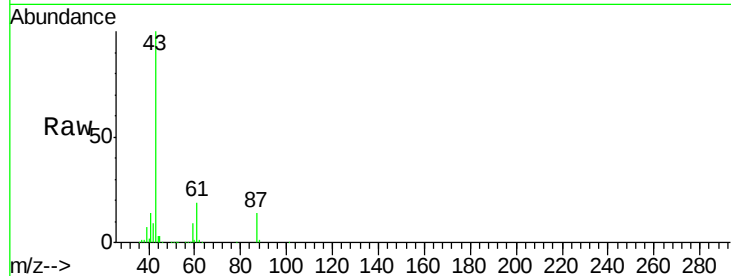
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	291775
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.8	10.0	15.0

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#44

Trichloroethene

Concen: 50.08 ug/l

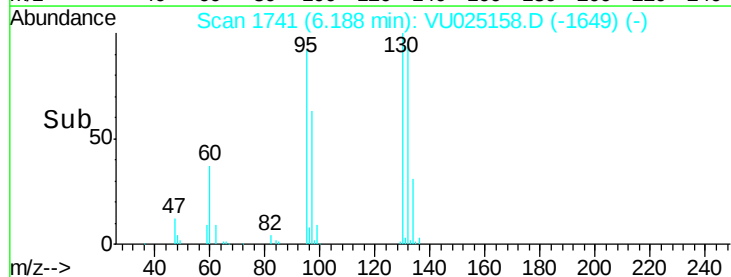
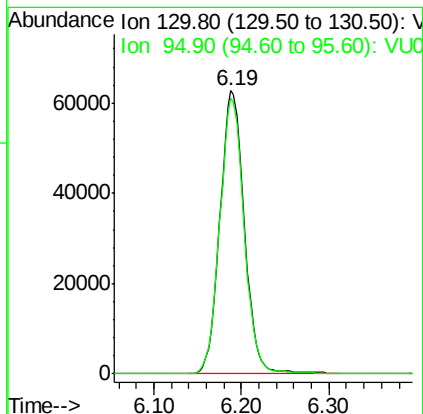
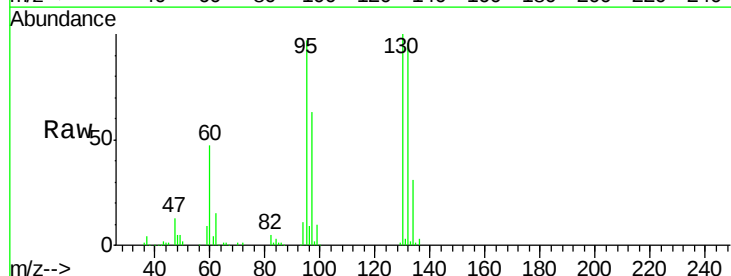
RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Tgt Ion:	130	Resp:	121624
Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	202.4





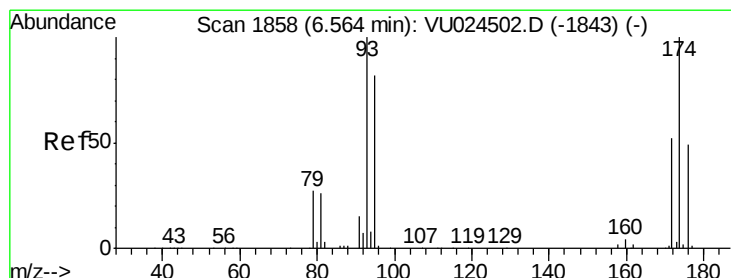
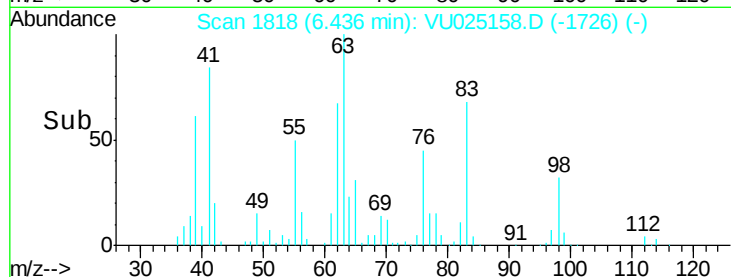
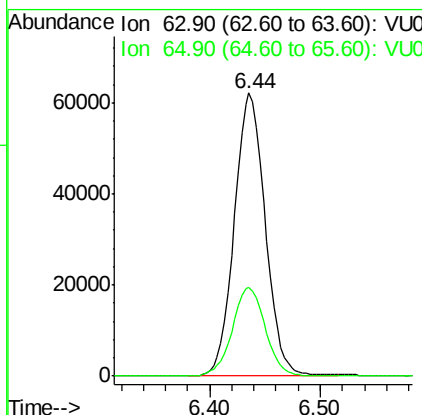
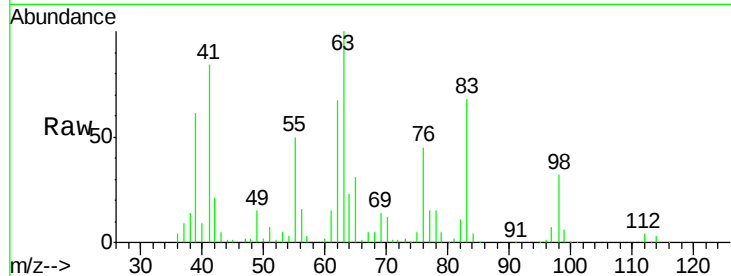
#45
 1,2-Dichloropropane
 Concen: 53.14 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 120995
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.8 37.2

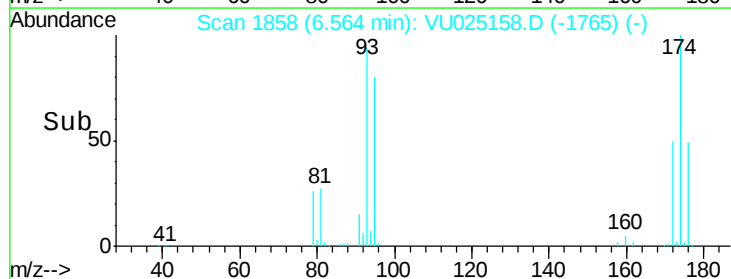
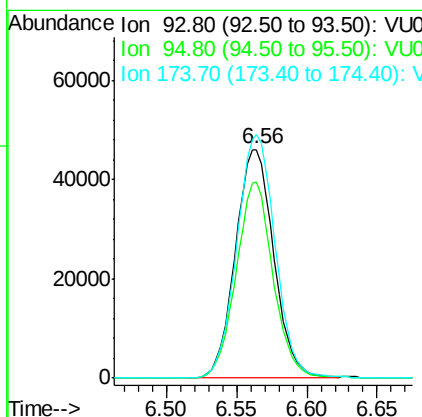
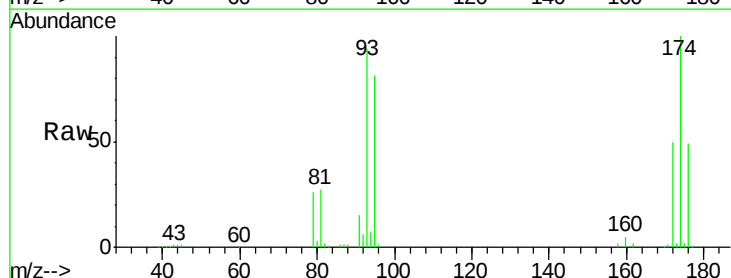
Manual Integrations
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#46
 Dibromomethane
 Concen: 54.91 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Tgt Ion: 93 Resp: 87822
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.5 98.3
 174 106.5 78.7 118.1





#47

Bromodichloromethane

Concen: 52.68 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

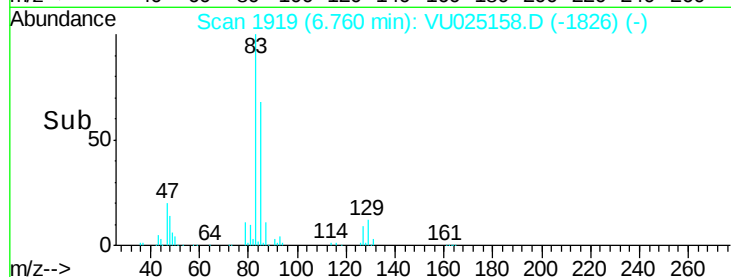
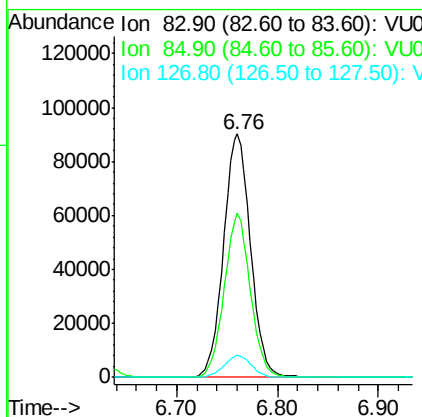
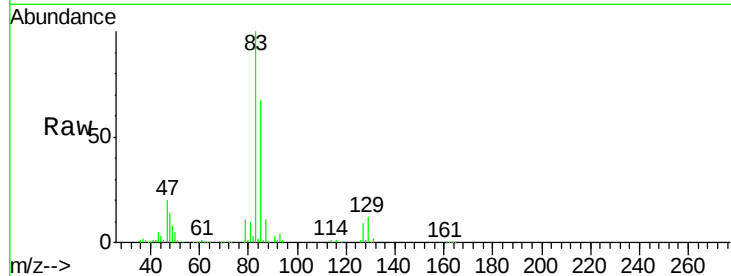
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	167763
Ion Ratio	Lower	Upper	
83	100		
85	67.2	51.9	77.9
127	9.1	6.6	9.8

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#48

Methyl methacrylate

Concen: 55.91 ug/l

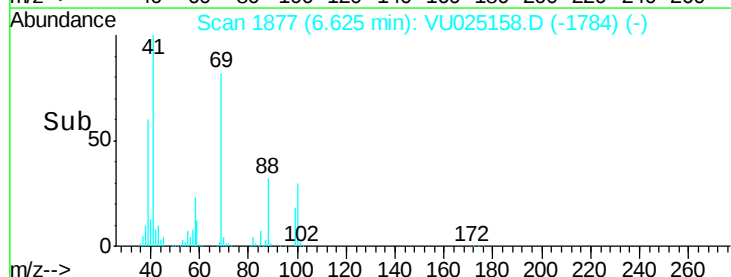
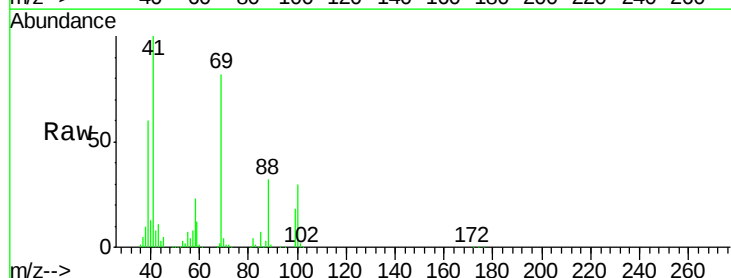
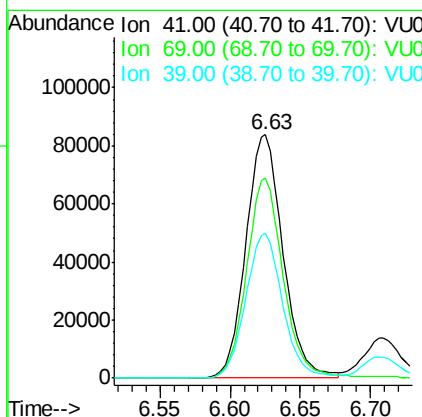
RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Tgt Ion:	41	Resp:	153610
Ion Ratio	Lower	Upper	
41	100		
69	81.1	67.3	100.9
39	59.0	46.5	69.7





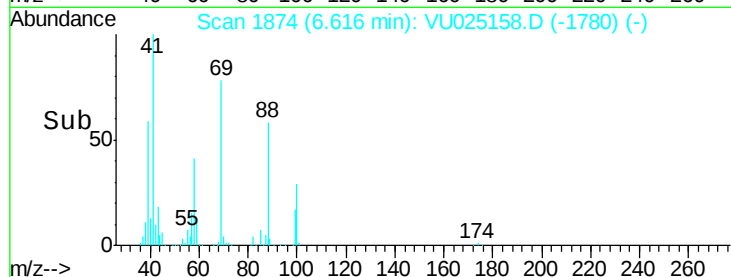
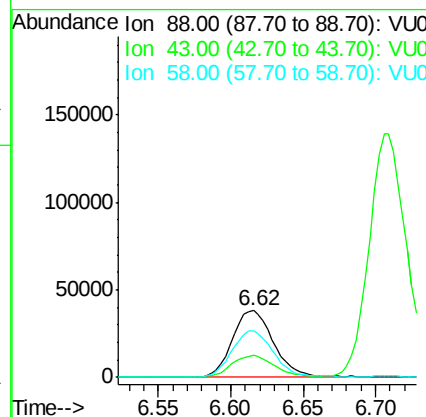
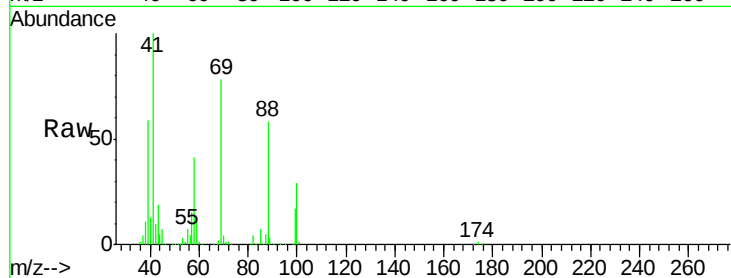
#49
 1,4-Dioxane
 Concen: 1384.66 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	28.6	42.8
58	71.6	58.2	87.4

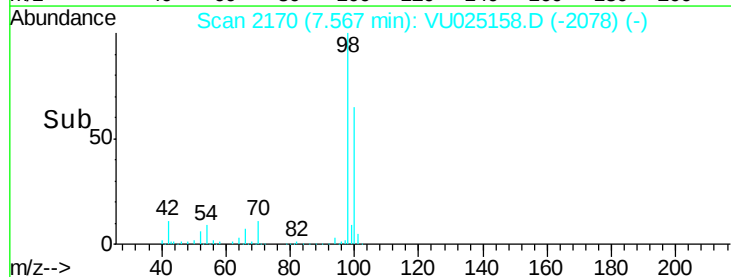
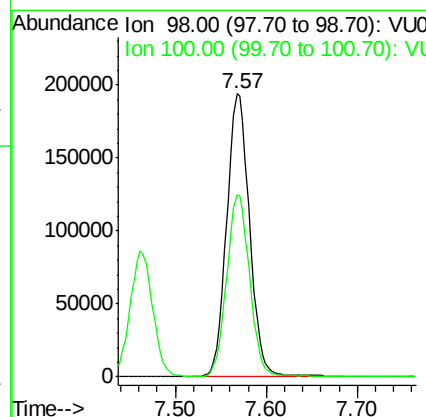
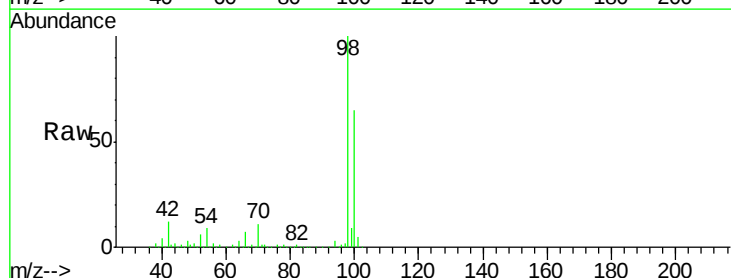
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#50
 Toluene-d8
 Concen: 44.06 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





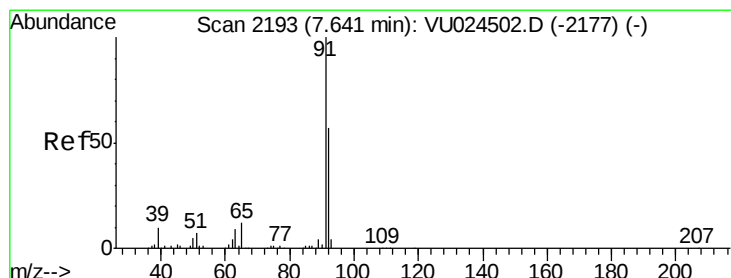
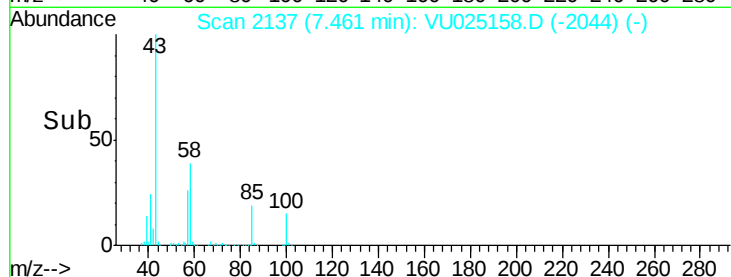
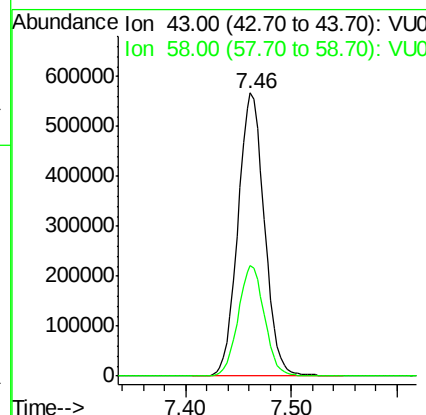
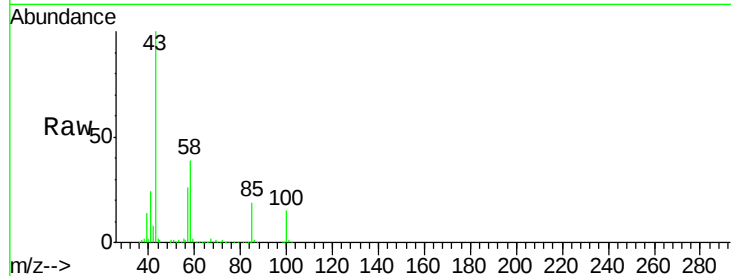
#51
 4-Methyl-2-Pentanone
 Concen: 277.57 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.7	30.0	45.0

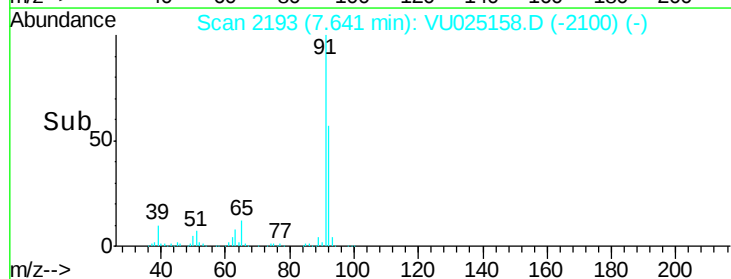
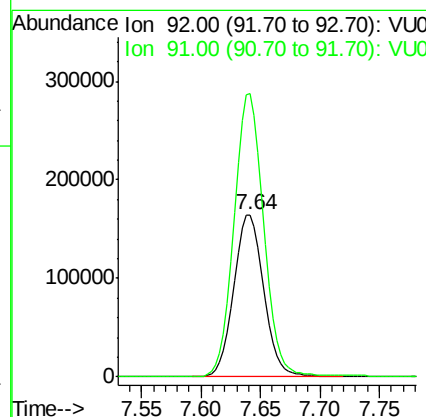
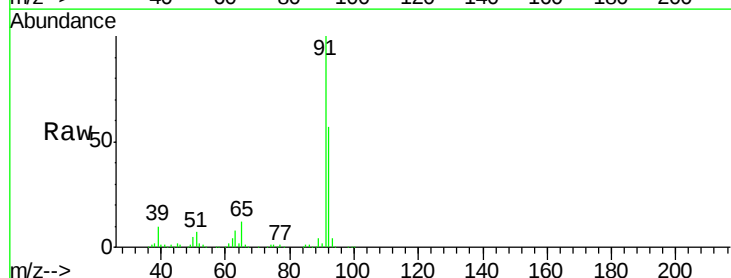
Manual Integrations
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#52
 Toluene
 Concen: 52.62 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.7	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 49.57 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 177299

Ion Ratio Lower Upper

75 100

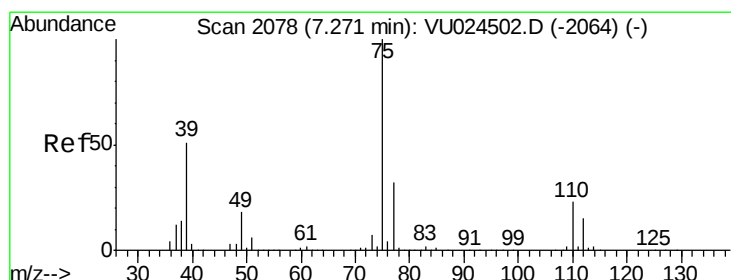
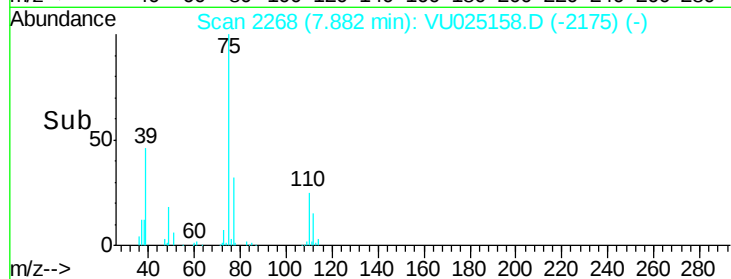
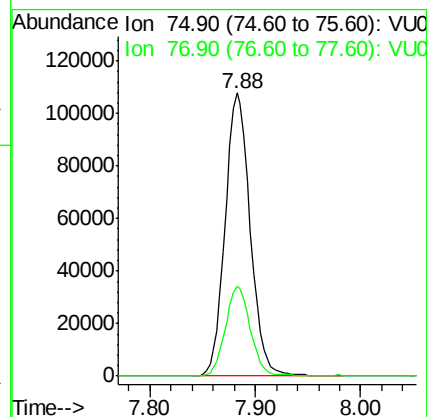
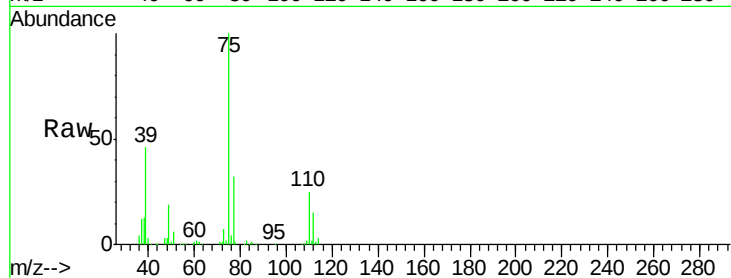
77 31.7 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 48.80 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

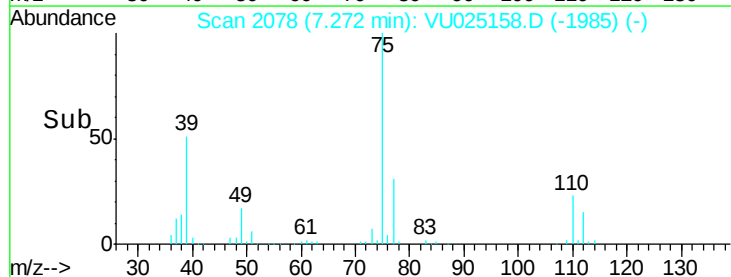
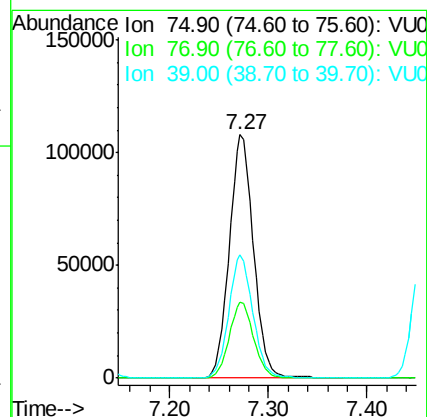
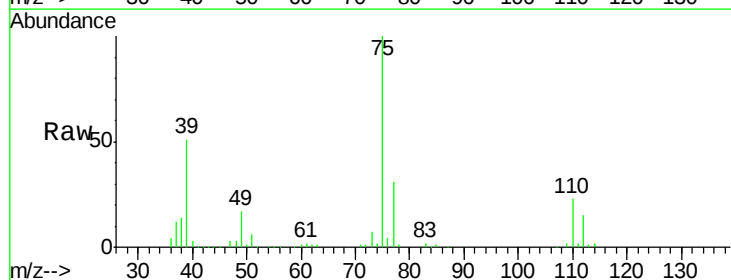
Tgt Ion: 75 Resp: 185958

Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

39 50.6 39.8 59.6





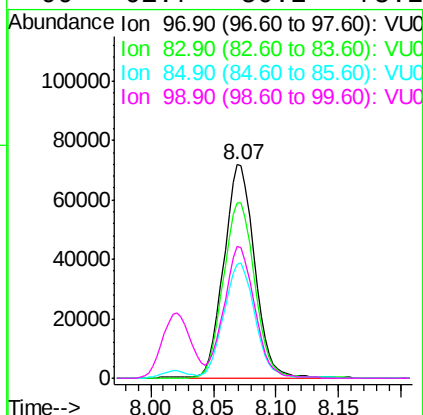
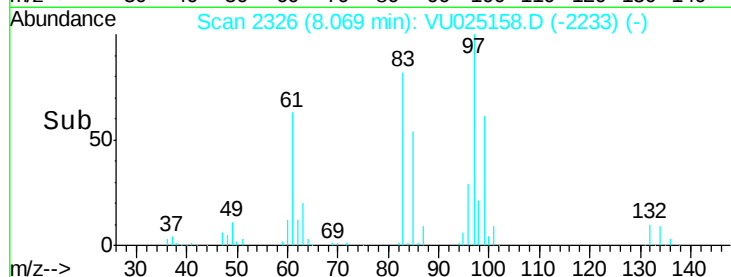
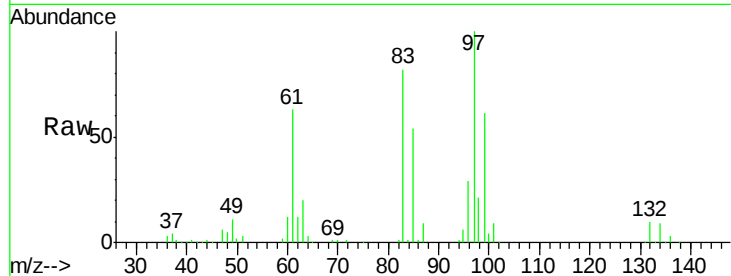
#55
 1,1,2-Trichloroethane
 Concen: 54.35 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	121294
Ion	Ratio	Lower	Upper
97	100		
83	82.4	70.5	105.7
85	53.5	46.4	69.6
99	61.7	50.2	75.2

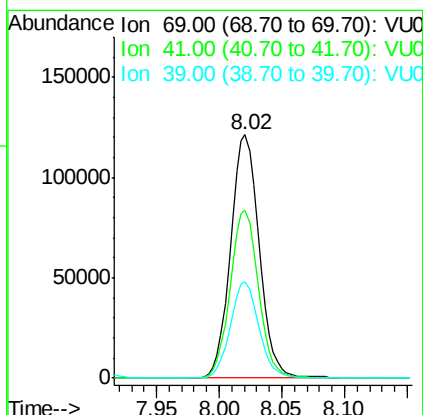
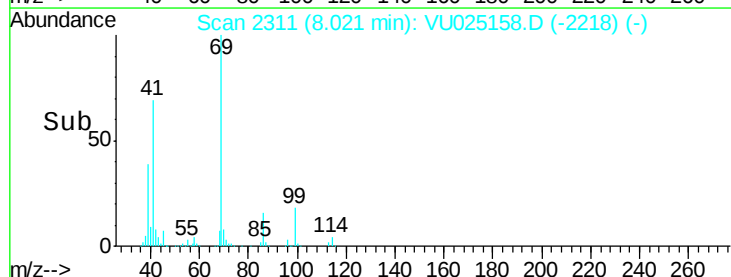
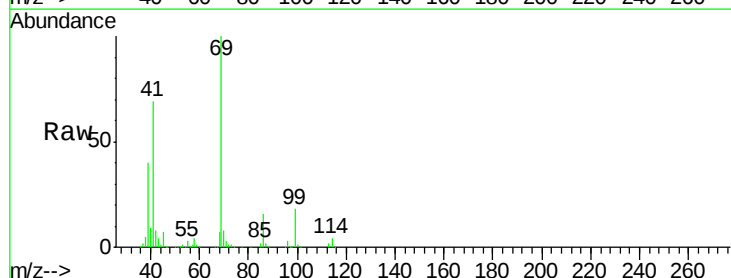
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#56
 Ethyl methacrylate
 Concen: 51.53 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Tgt Ion:	69	Resp:	192468
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.1	81.1
39	39.0	30.3	45.5





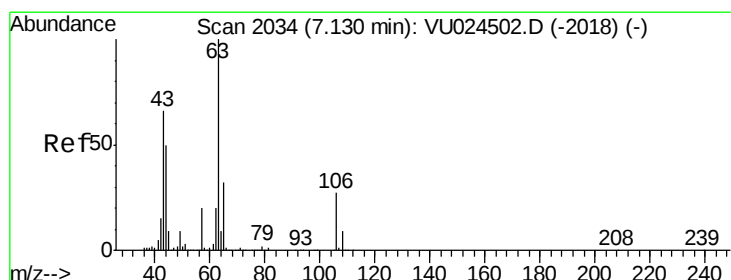
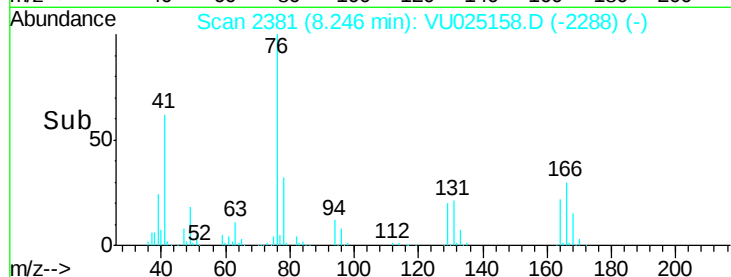
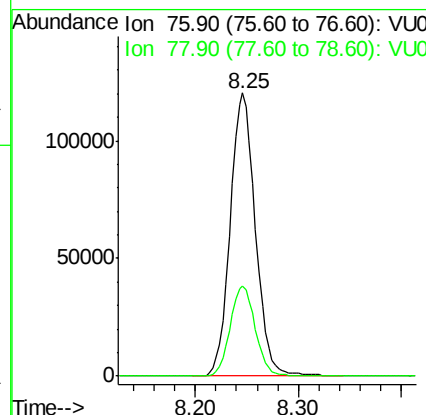
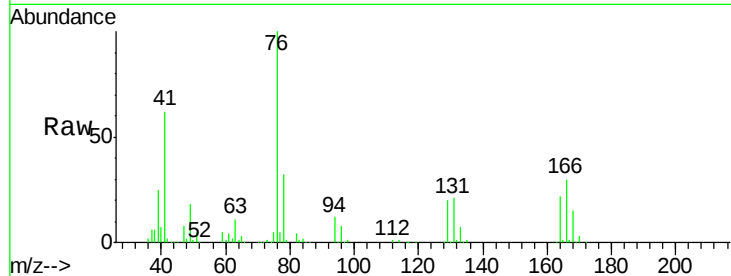
#57
 1,3-Dichloropropane
 Concen: 54.34 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 204573
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8

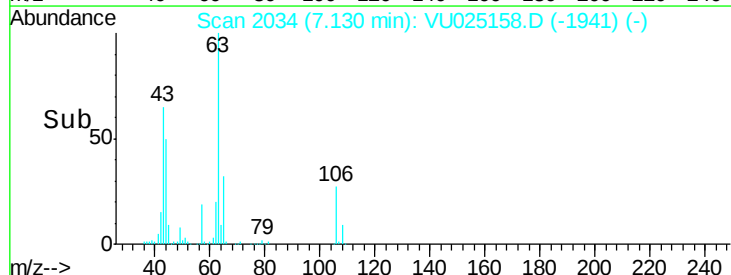
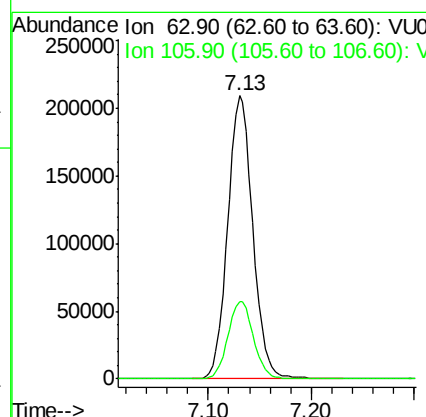
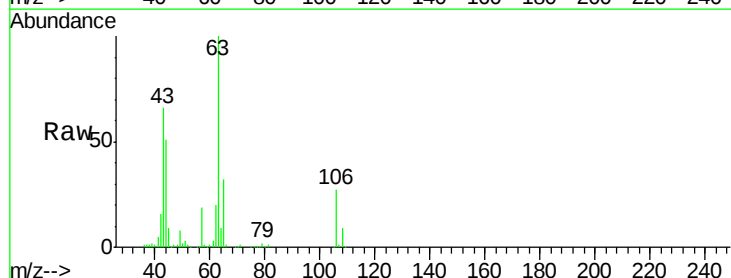
Manual Integrations
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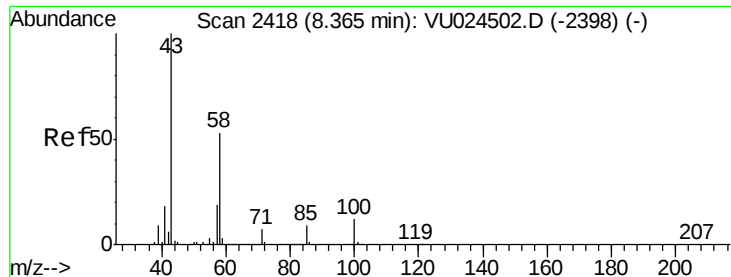
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#58
 2-Chloroethyl Vinyl ether
 Concen: 248.23 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Tgt Ion: 63 Resp: 355211
 Ion Ratio Lower Upper
 63 100
 106 27.7 20.2 30.2





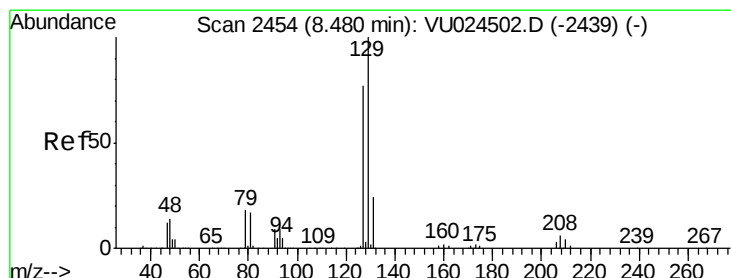
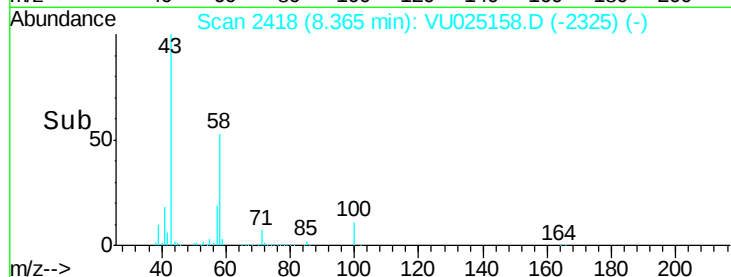
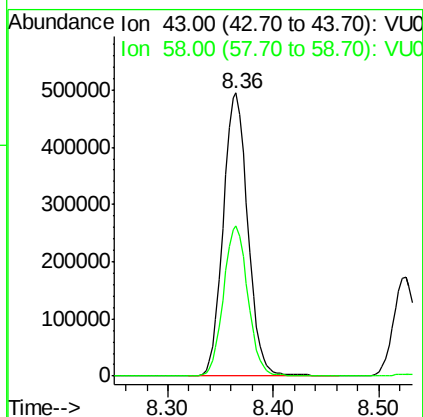
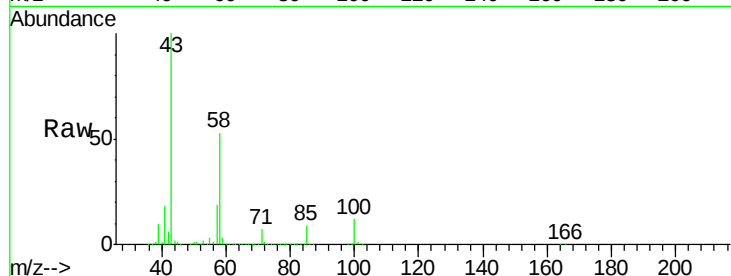
#59
2-Hexanone
Concen: 276.50 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 800147
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.0

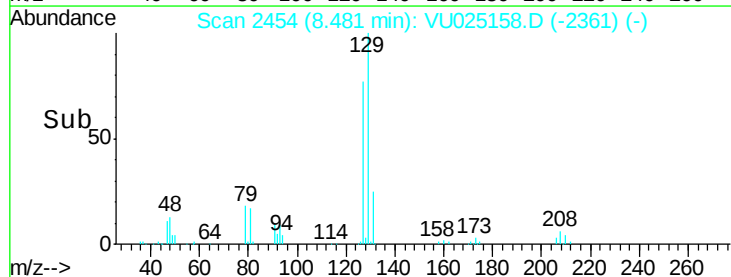
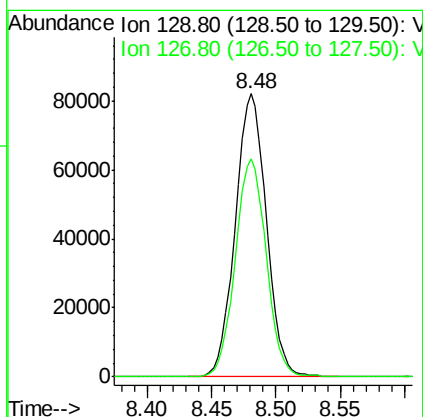
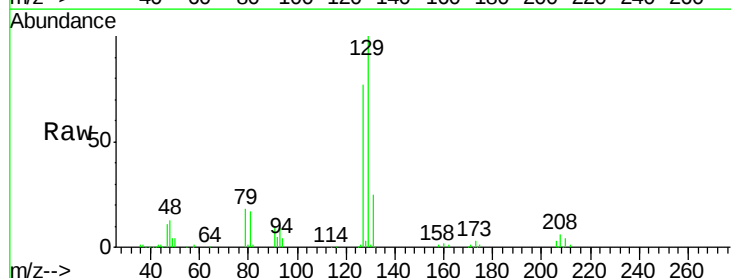
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#60
Dibromochloromethane
Concen: 49.50 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion: 129 Resp: 137748
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 53.72 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 133428

Ion Ratio Lower Upper

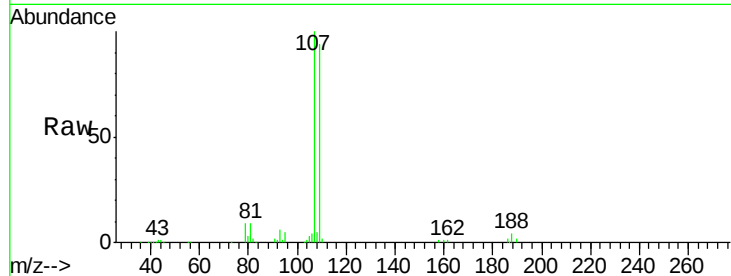
107 100

109 94.6 74.5 111.7

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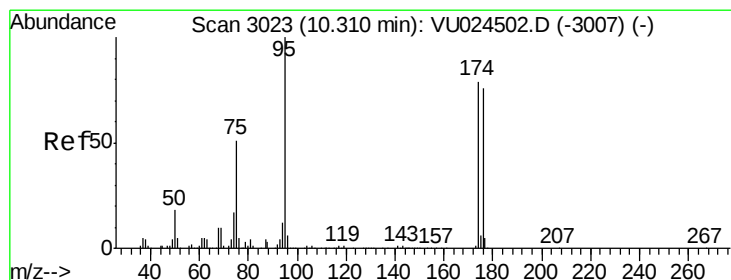
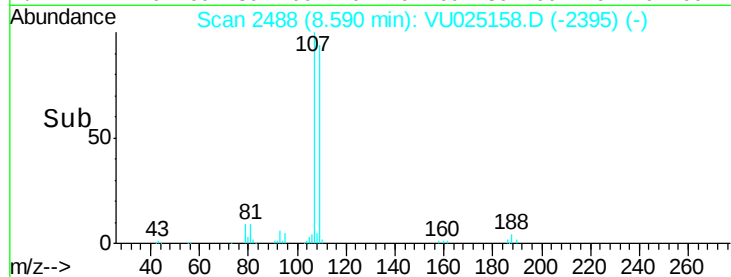
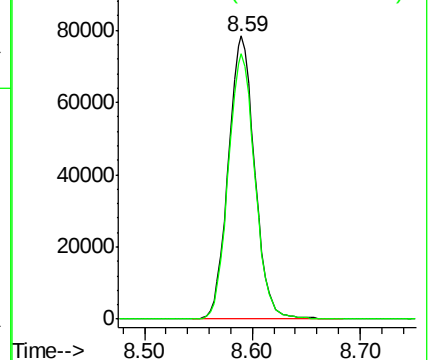
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.01 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

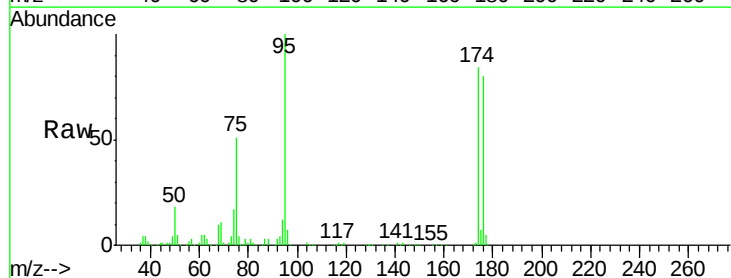
Tgt Ion: 95 Resp: 150130

Ion Ratio Lower Upper

95 100

174 85.3 0.0 165.8

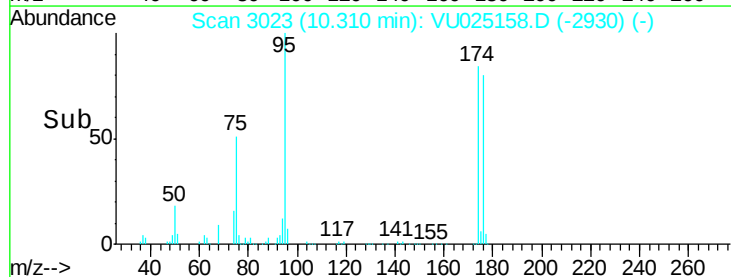
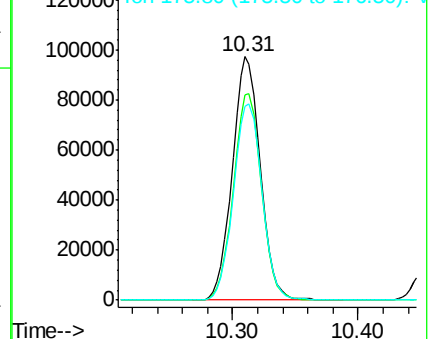
176 82.8 0.0 159.4

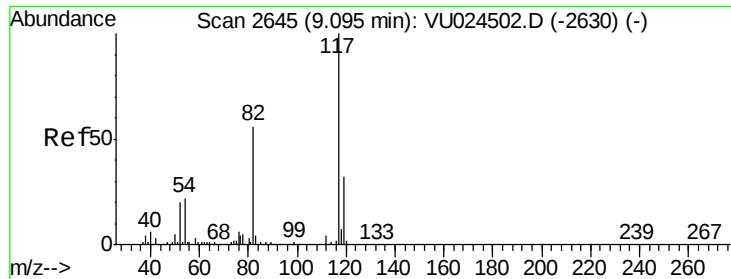


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





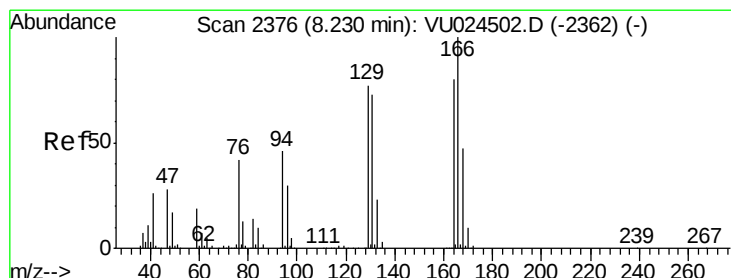
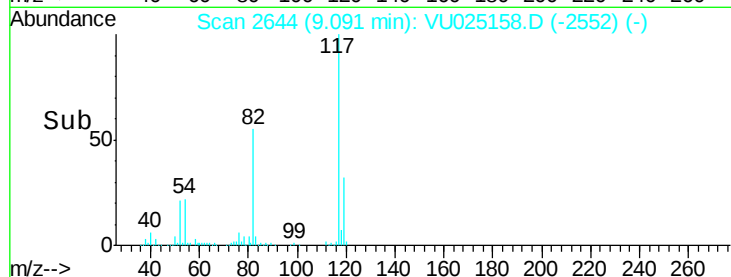
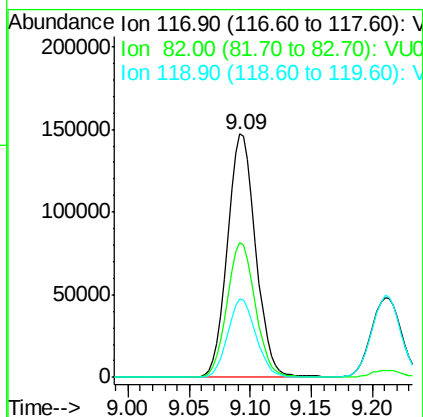
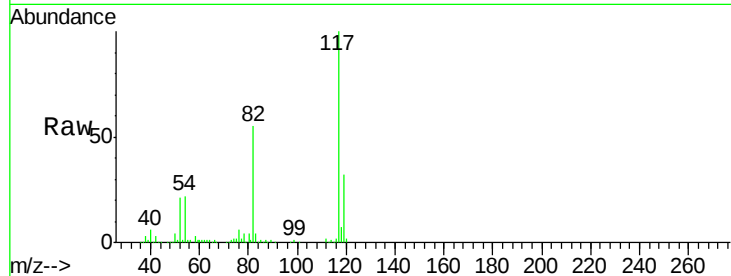
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	239890		
82	55.4	44.3	66.5	
119	32.1	25.4	38.2	

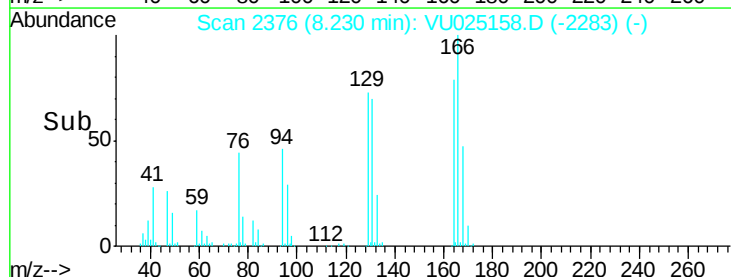
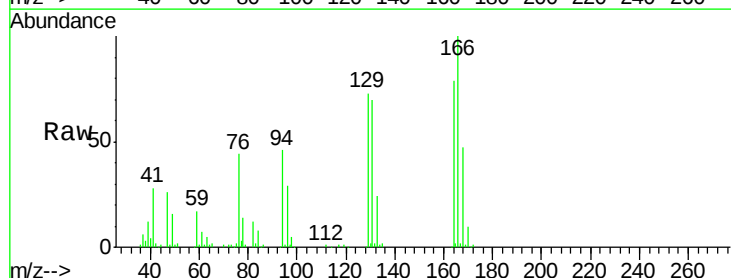
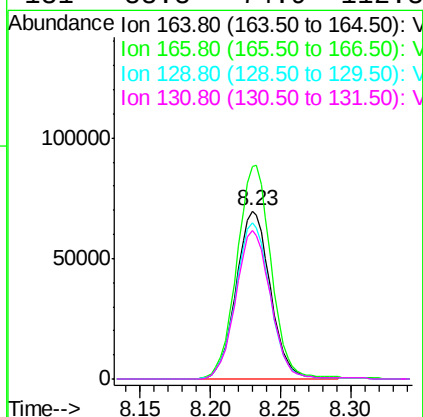
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#64
Tetrachloroethene
Concen: 52.01 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	118594		
166	126.8	101.7	152.5	
129	92.9	76.9	115.3	
131	88.8	74.9	112.3	





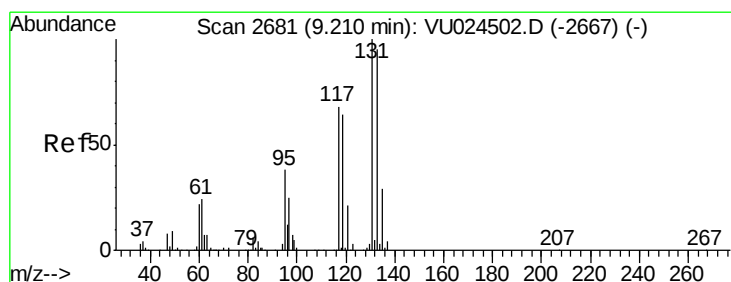
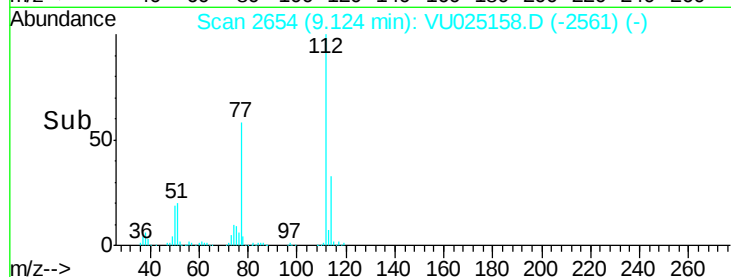
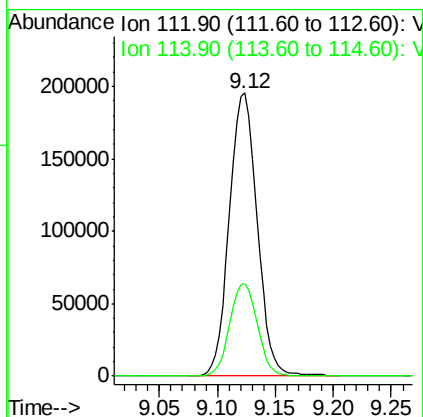
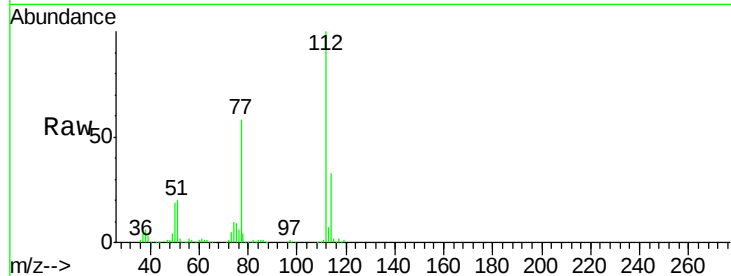
#65
Chlorobenzene
Concen: 53.25 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.6	38.4

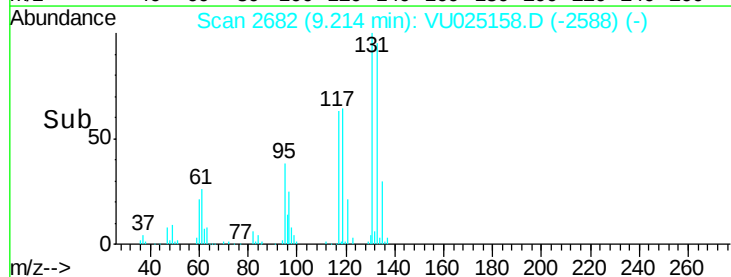
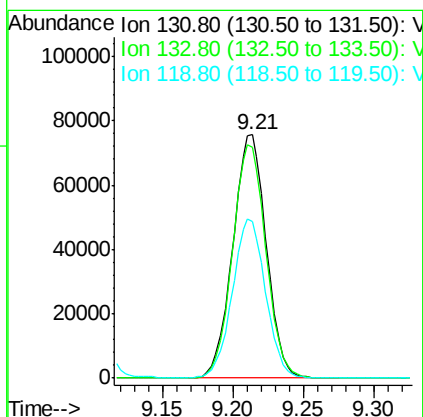
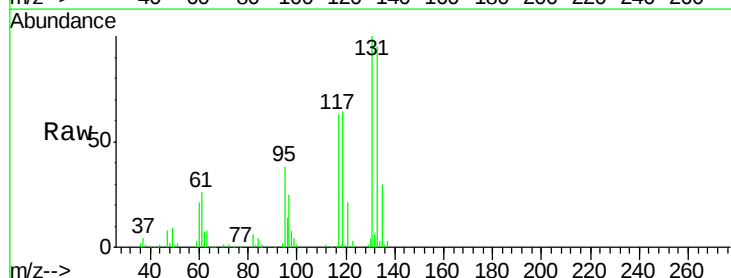
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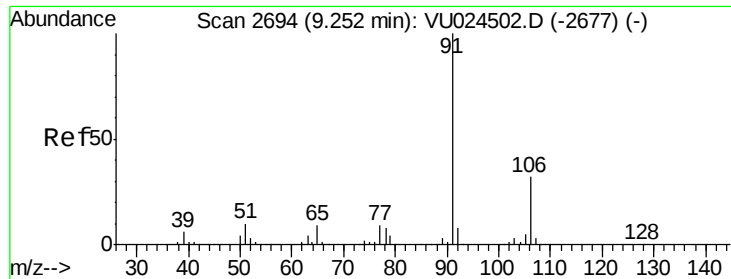
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.03 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	46.9	140.8
119	64.9	33.5	100.4





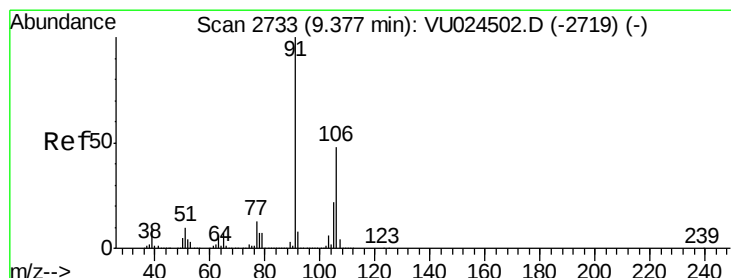
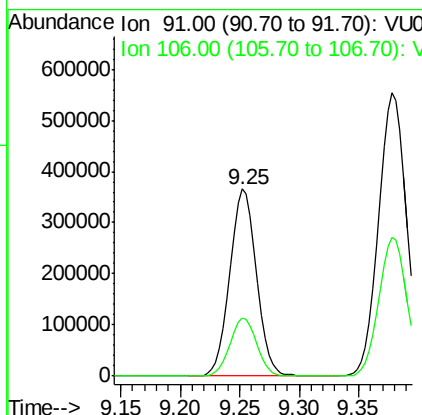
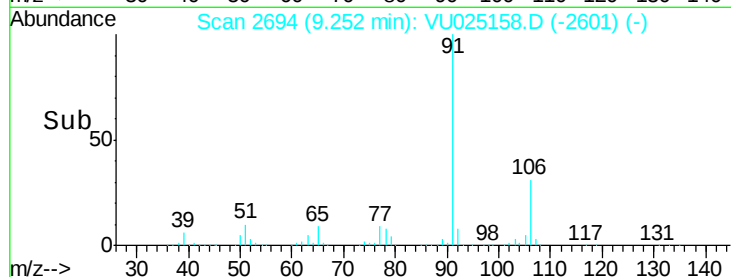
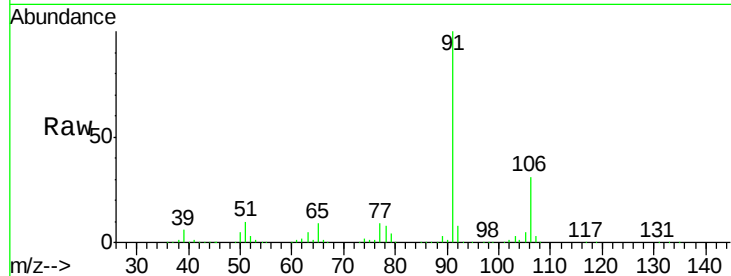
#67
Ethyl Benzene
Concen: 53.00 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 569437
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4

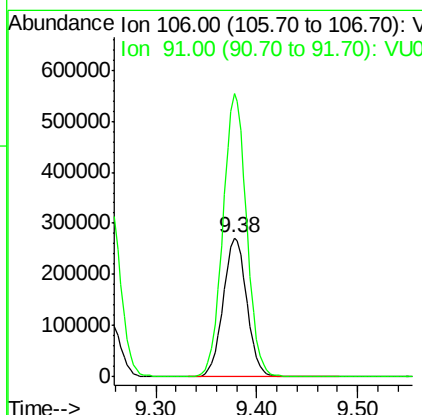
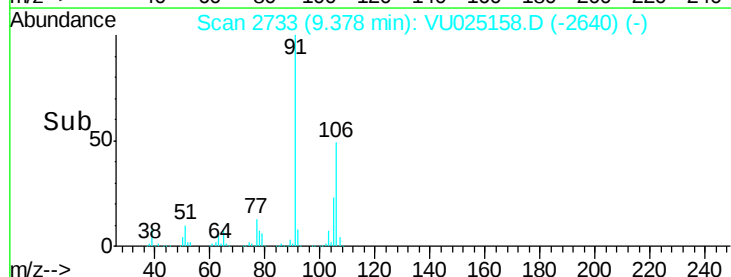
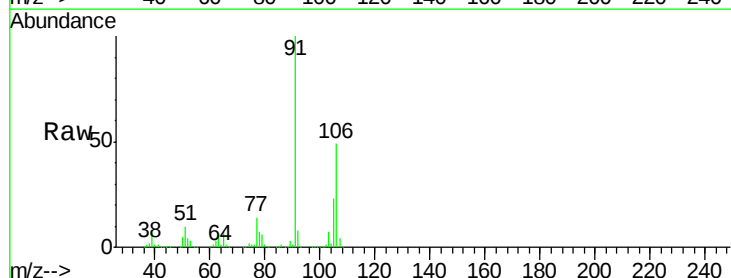
Manual Integrations
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#68
m/p-Xylenes
Concen: 108.04 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion: 106 Resp: 445714
Ion Ratio Lower Upper
106 100
91 204.0 166.5 249.7





#69

o-Xylene

Concen: 54.51 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:106 Resp: 222556

Ion Ratio Lower Upper

106 100

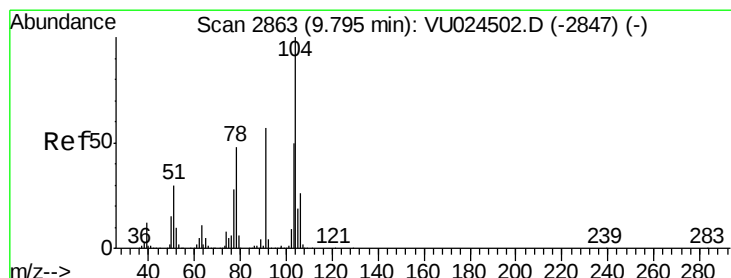
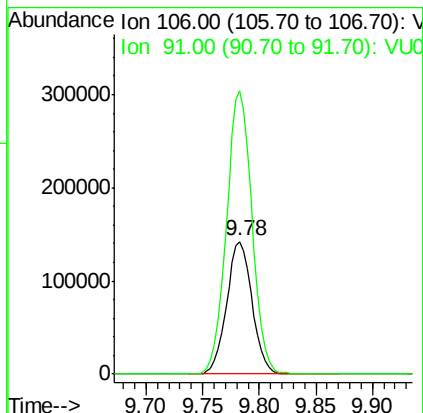
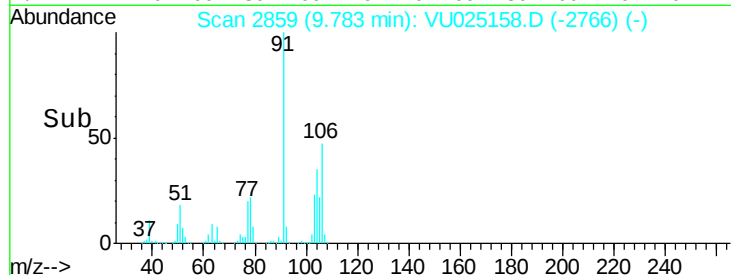
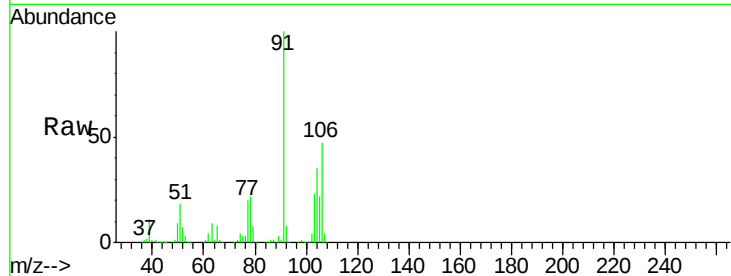
91 213.5 110.7 331.9

Manual Integrations

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#70

Styrene

Concen: 52.97 ug/l

RT: 9.80 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

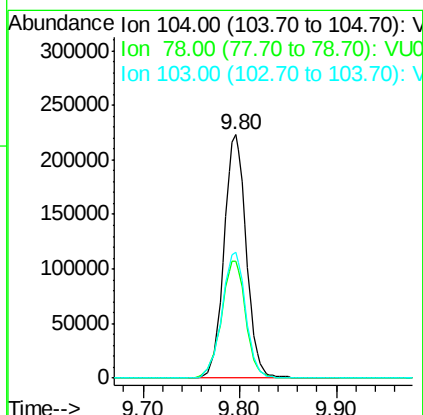
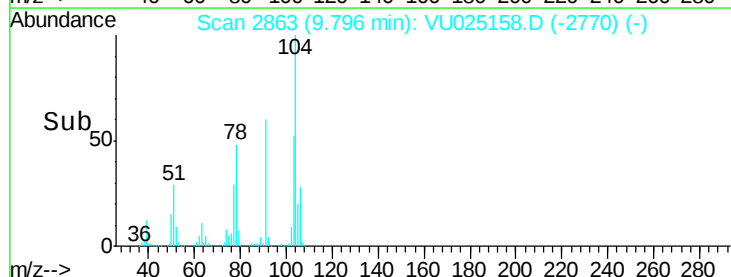
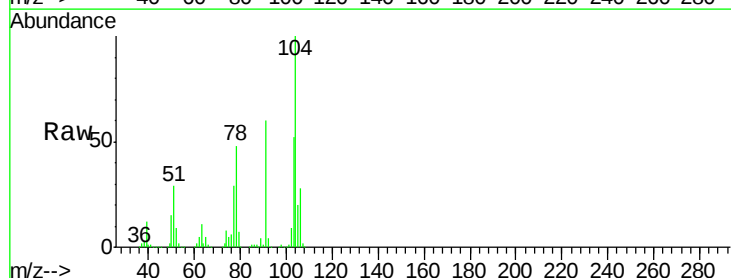
Tgt Ion:104 Resp: 355407

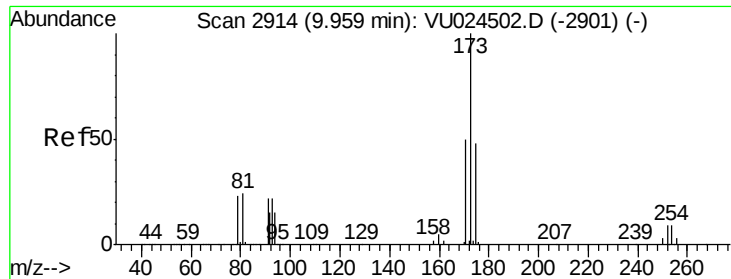
Ion Ratio Lower Upper

104 100

78 52.4 40.6 60.8

103 55.2 44.7 67.1





#71

Bromoform

Concen: 48.79 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

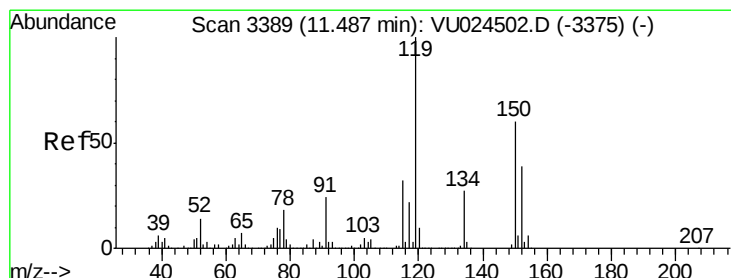
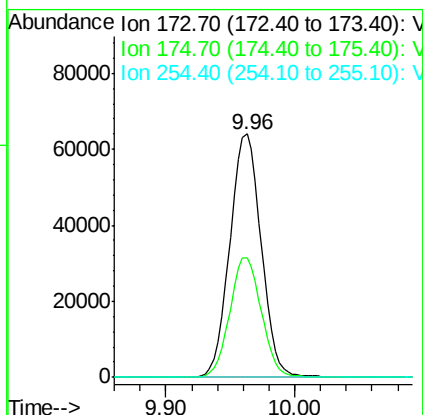
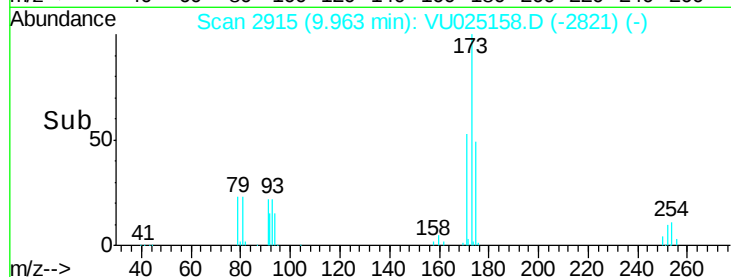
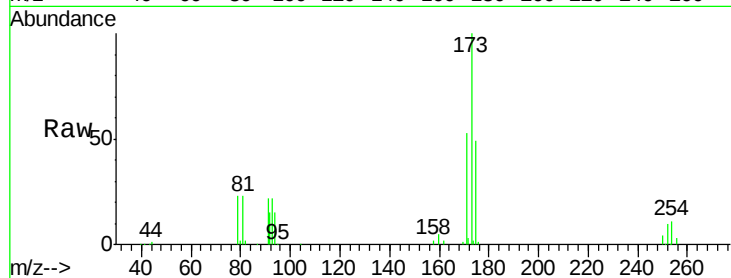
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.6	74.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

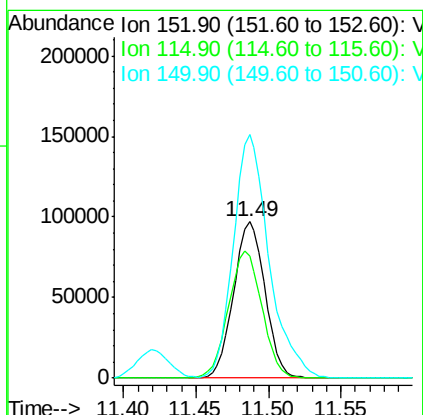
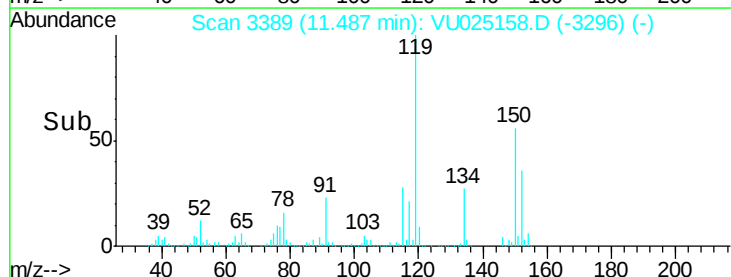
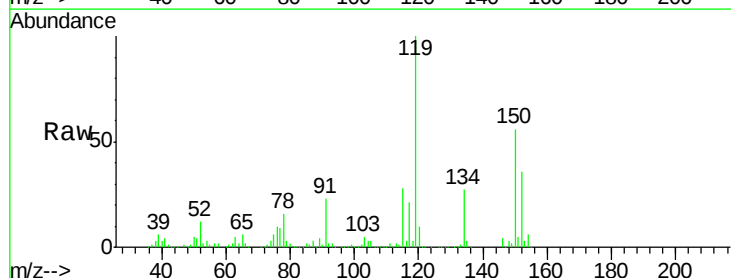
RT: 11.49 min Scan# 3389

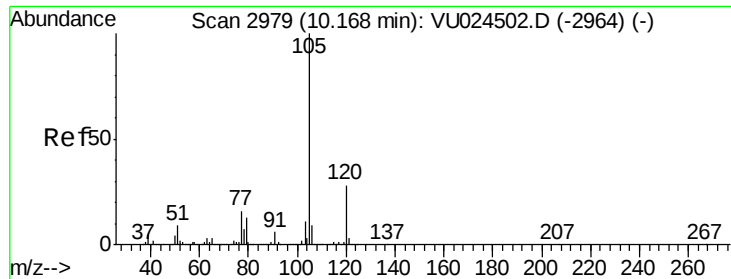
Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	86.5	43.0	129.0
150	176.4	0.0	354.0





#73

Isopropylbenzene

Concen: 53.02 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 594753

Ion Ratio Lower Upper

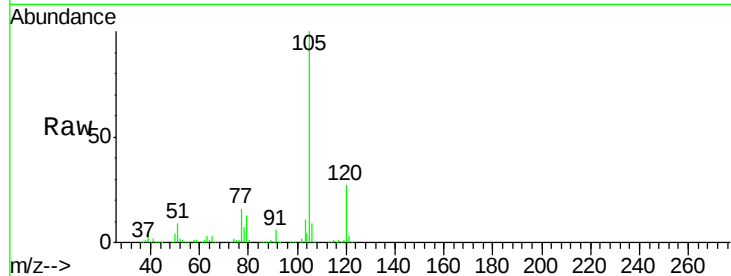
105 100

120 26.7 13.2 39.6

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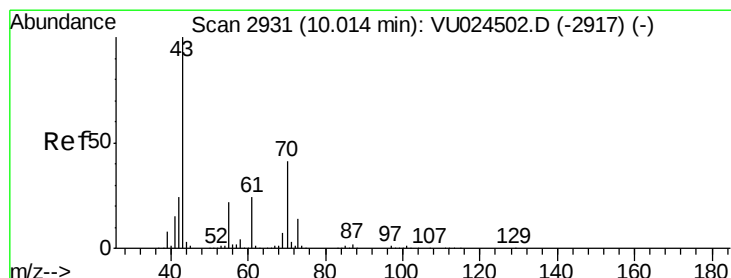
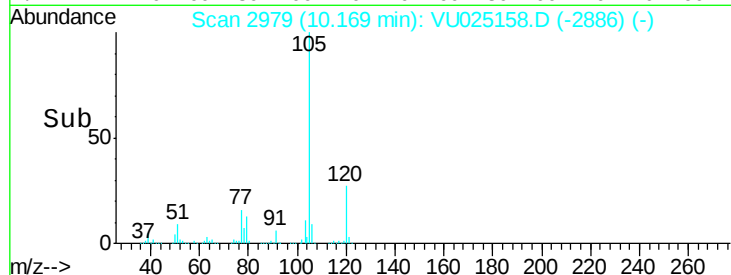
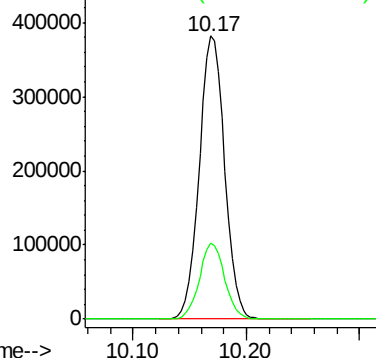
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.38 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Tgt Ion: 43 Resp: 268805

Ion Ratio Lower Upper

43 100

70 41.8 32.2 48.4

55 23.6 20.5 30.7

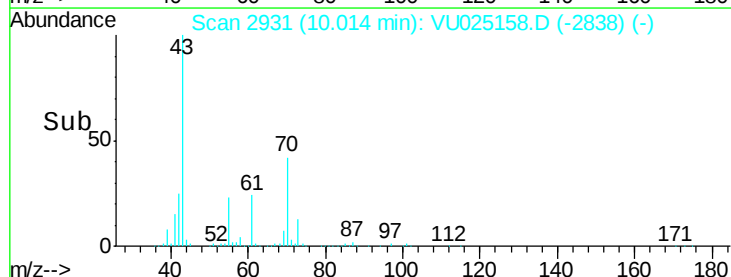
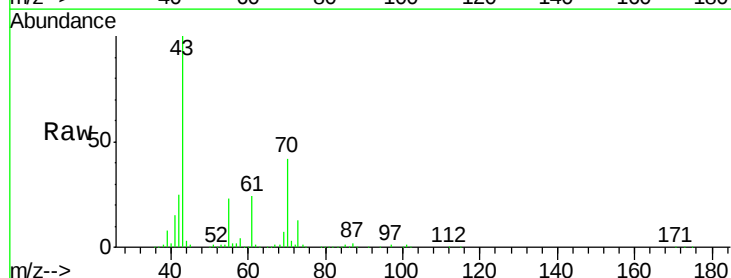
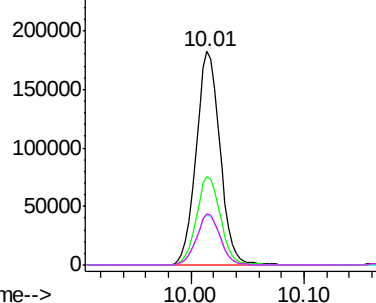
61 23.6 18.7 28.1

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: 55.31 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 207891

Ion Ratio Lower Upper

83 100

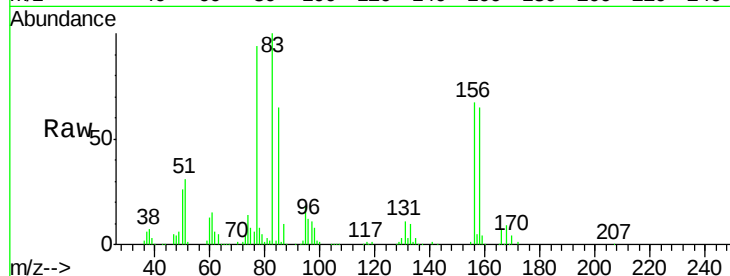
131 10.9 4.7 14.1

85 64.6 32.5 97.5

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Abundance Ion 82.90 (82.60 to 83.60): VU025158.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025158.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025158.D (-2977) (-)

10.46

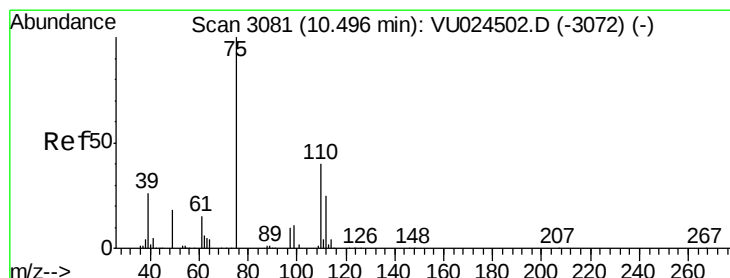
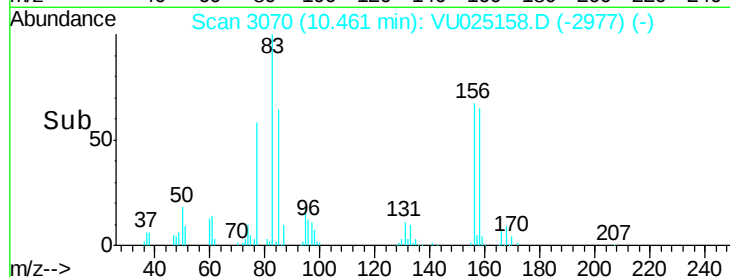
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 54.94 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025158.D

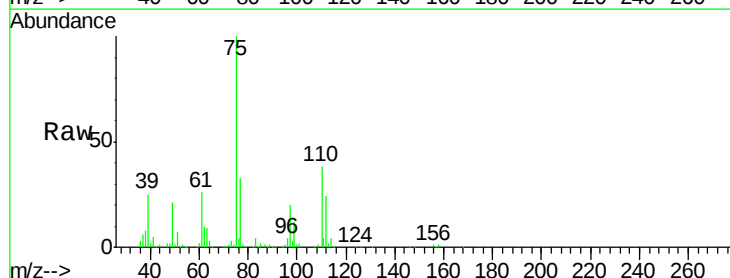
Acq: 02 Jul 2018 21:19

Tgt Ion: 75 Resp: 176710

Ion Ratio Lower Upper

75 100

77 41.1 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025158.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025158.D (-2988) (-)

10.50

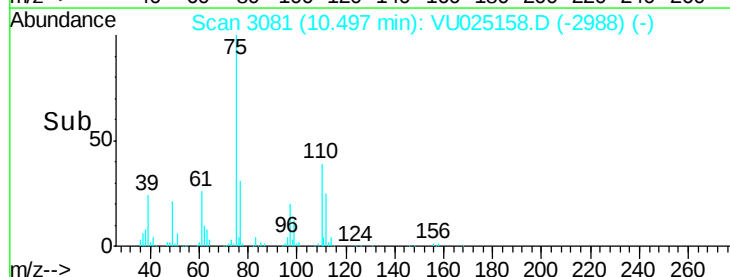
150000

100000

50000

0

Time-->





#77

Bromobenzene

Concen: 54.19 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

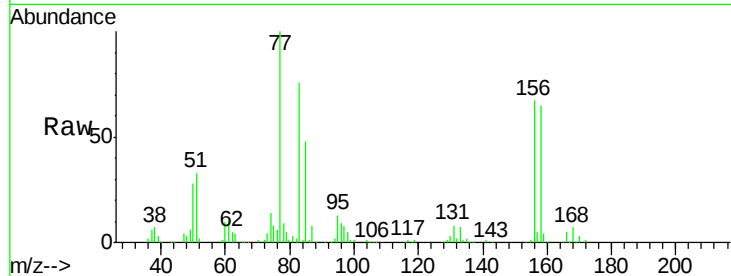
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	153896
Ion Ratio	Lower	Upper	
156	100		
77	149.4	80.5	241.3
158	97.4	48.2	144.6

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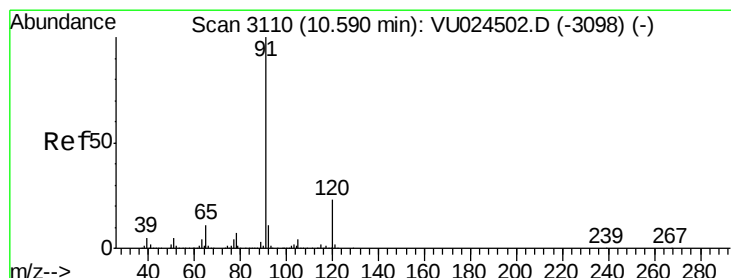
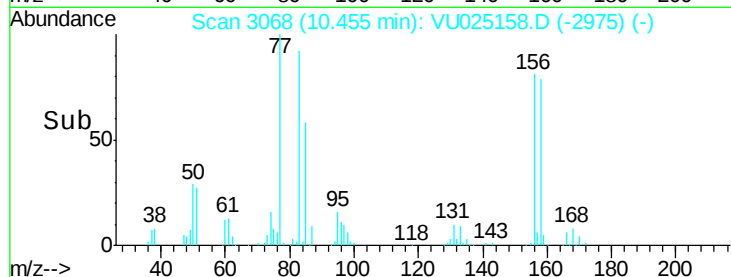
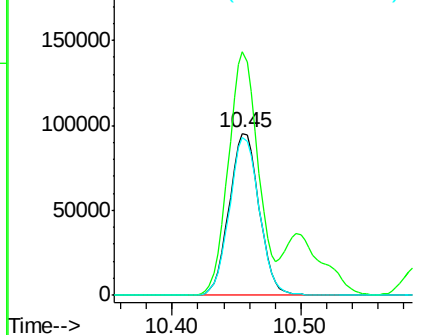
sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.88 ug/l

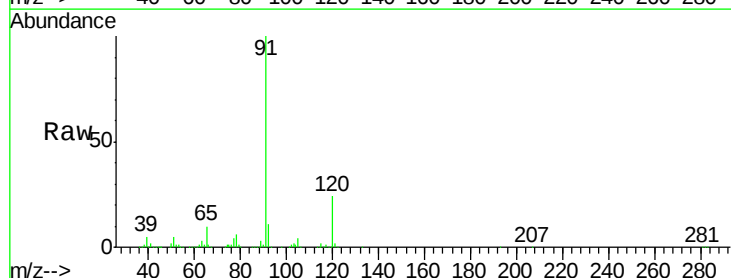
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025158.D

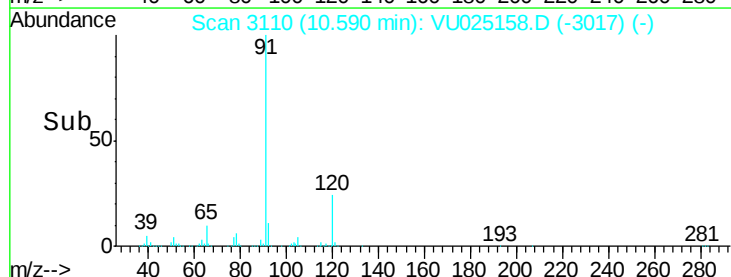
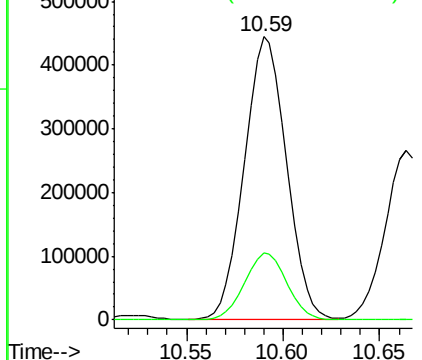
Acq: 02 Jul 2018 21:19

Tgt Ion:	91	Resp:	672357
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





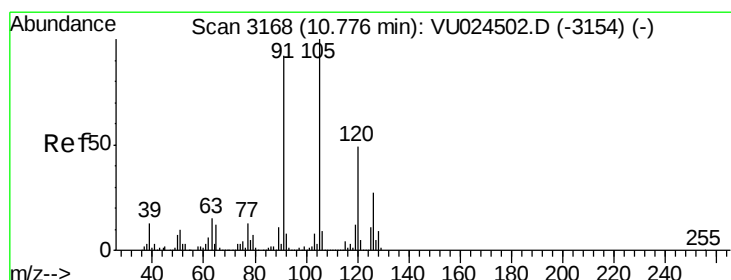
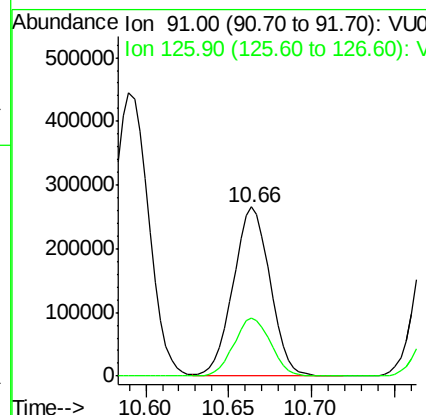
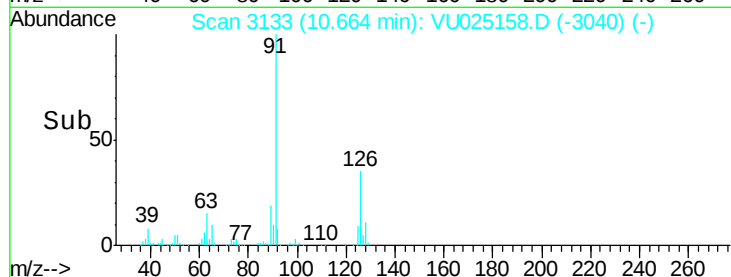
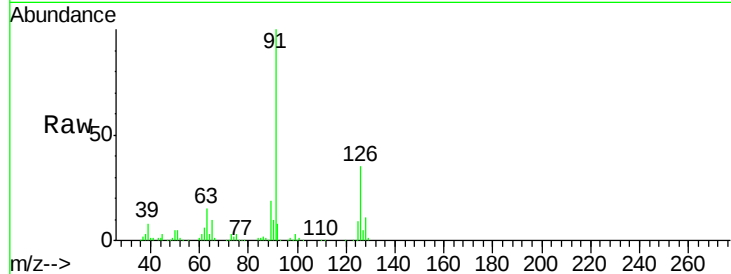
#79
 2-Chlorotoluene
 Concen: 52.31 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 407630
 Ion Ratio Lower Upper
 91 100
 126 34.6 16.9 50.7

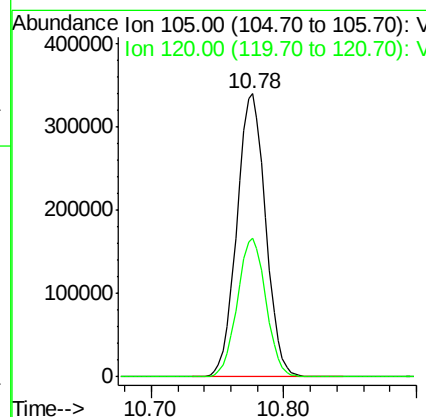
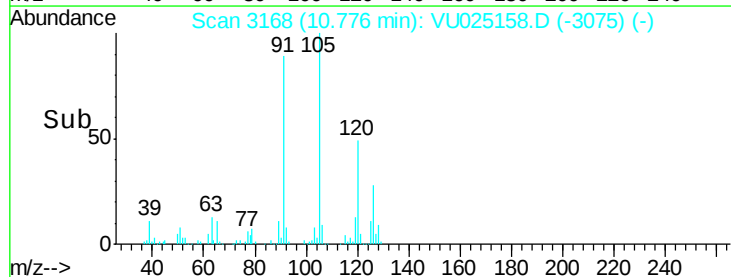
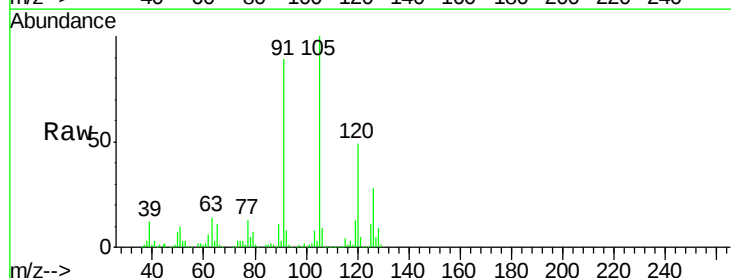
Manual Integrations
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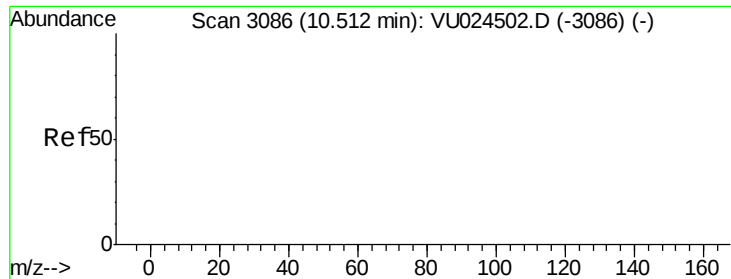
sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.59 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Tgt Ion: 105 Resp: 511338
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.99 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

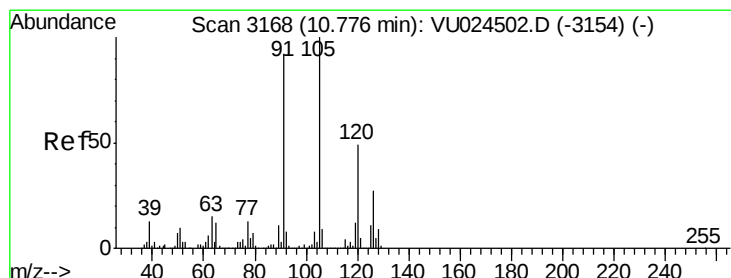
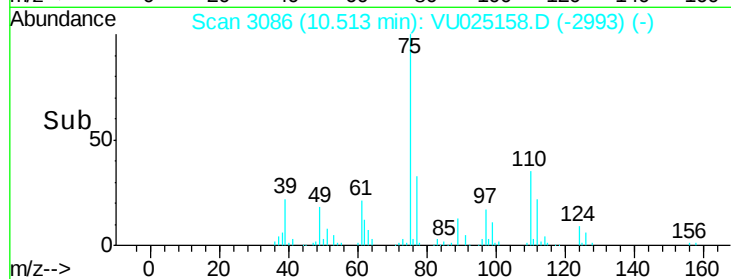
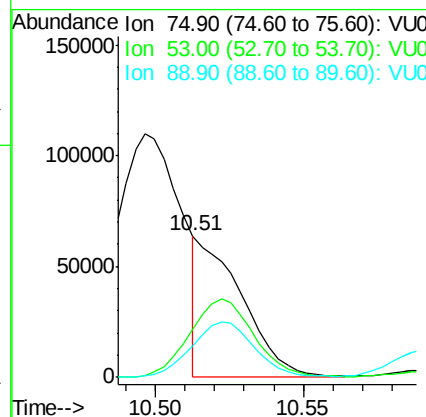
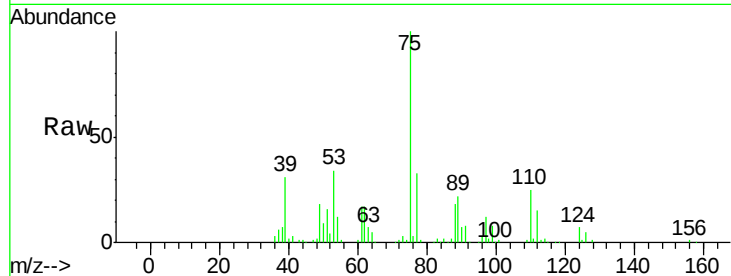
VSTDCCC050EC

Tot Ion:	75	Resp:	65313
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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sam

7/3/2018 3:52:48 PM



#82

4-Chlorotoluene

Concen: 51.43 ug/l

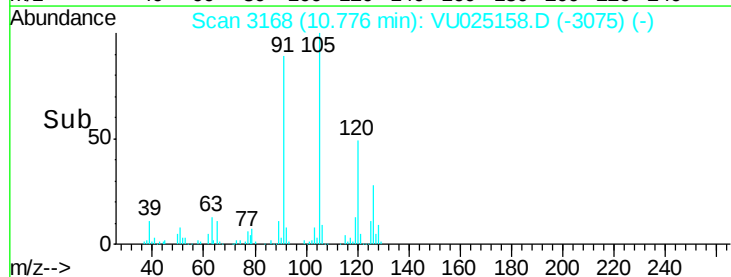
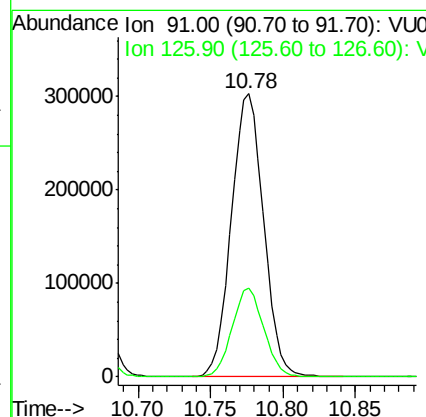
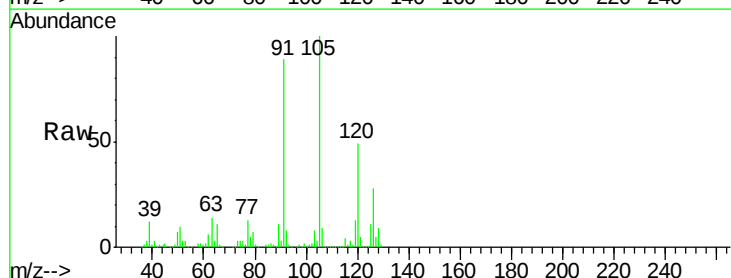
RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Tgt Ion:	91	Resp:	466400
Ion Ratio	Lower	Upper	
91	100		
126	30.8	14.9	44.9





#83

tert-Butylbenzene

Concen: 54.03 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

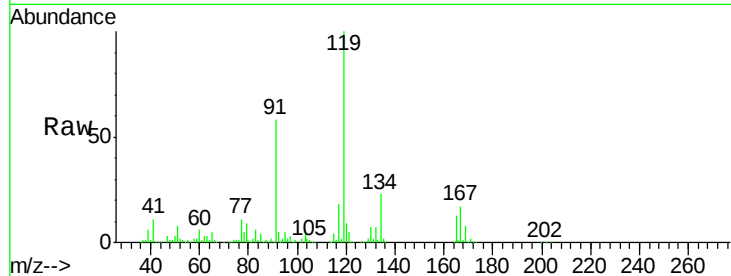
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	505249
Ion Ratio	Lower	Upper	
119	100		
91	59.3	29.7	89.1
134	23.1	11.6	34.7

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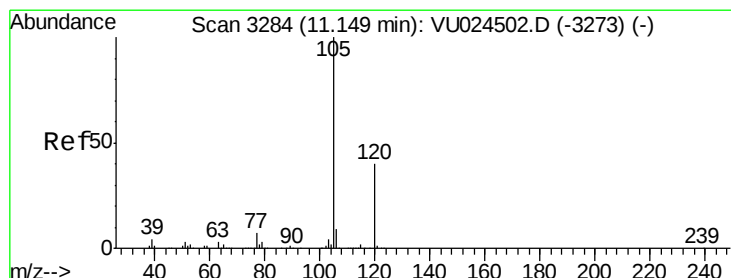
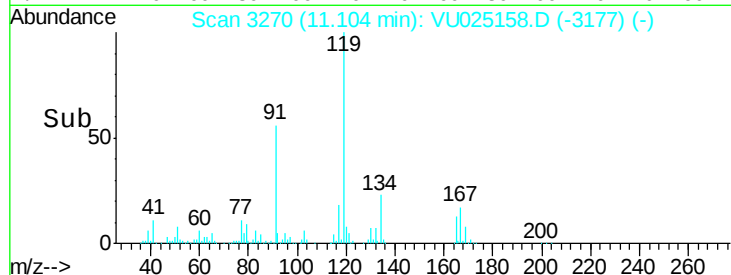
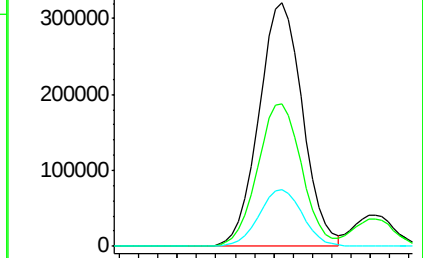
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.68 ug/l

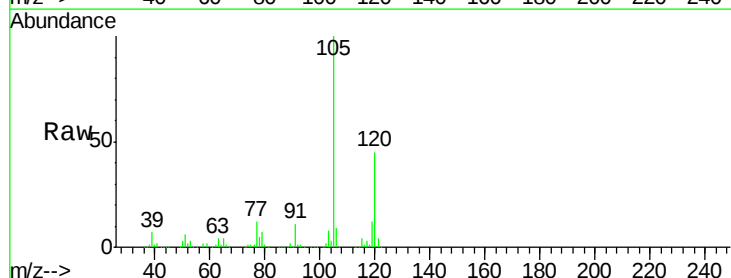
RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025158.D

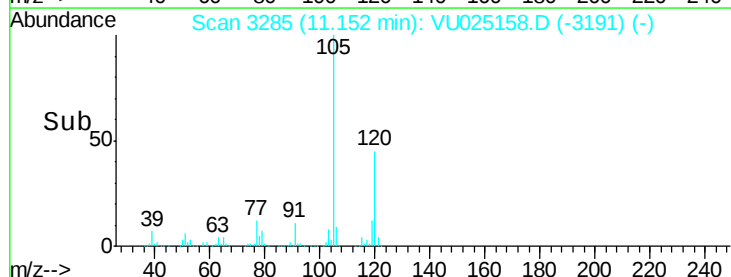
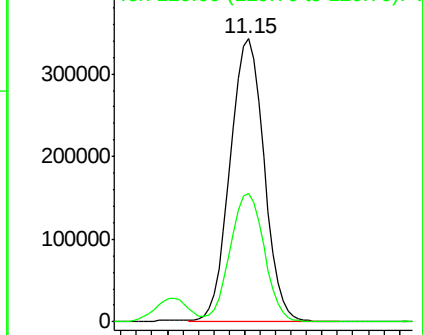
Acq: 02 Jul 2018 21:19

Tgt Ion:	105	Resp:	521932
Ion Ratio	Lower	Upper	
105	100		
120	45.5	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: 51.80 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 606373

Ion Ratio Lower Upper

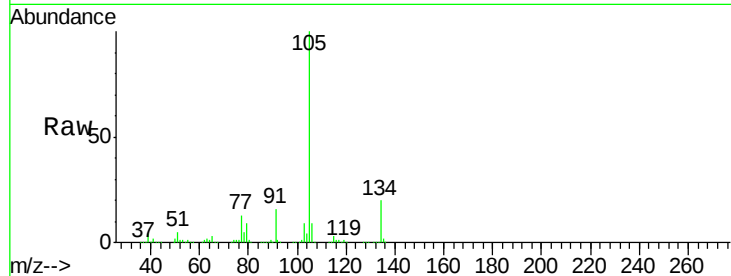
105 100

134 20.4 9.7 29.1

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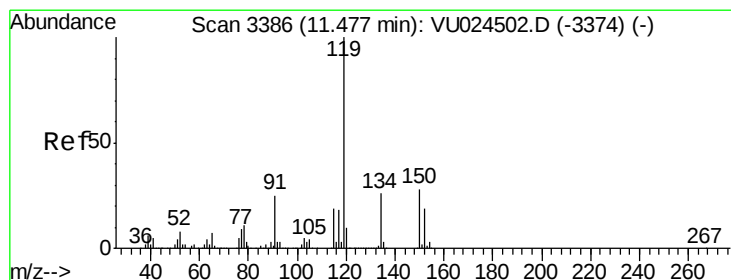
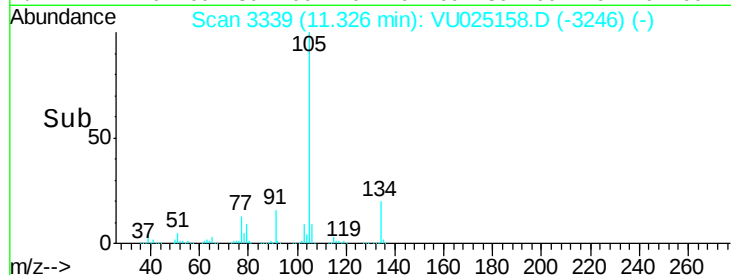
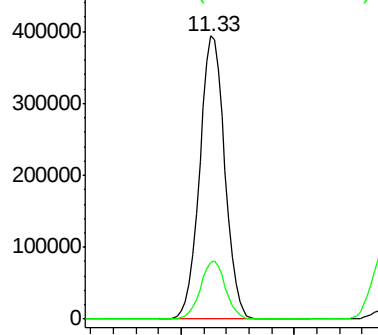
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.35 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

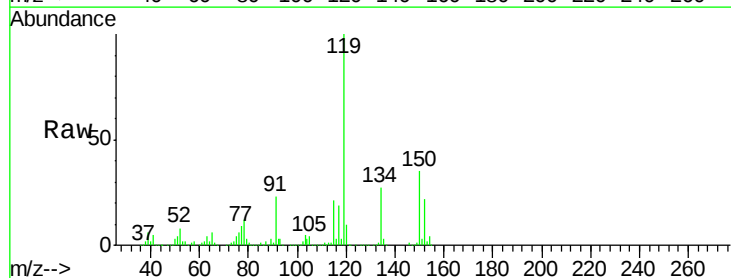
Tgt Ion:119 Resp: 538367

Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.6

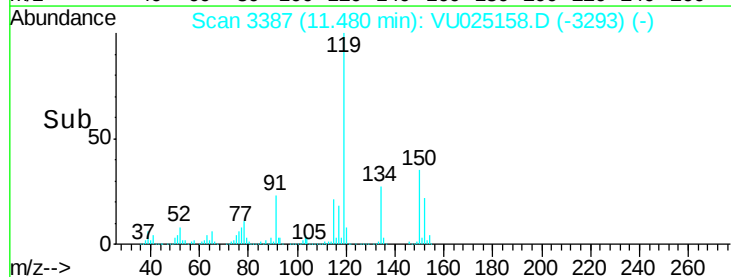
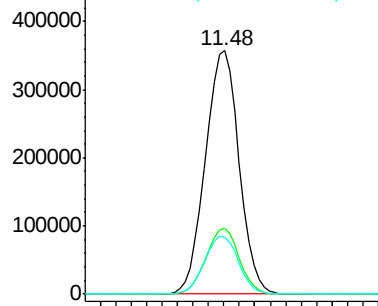
91 24.0 12.0 36.1



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





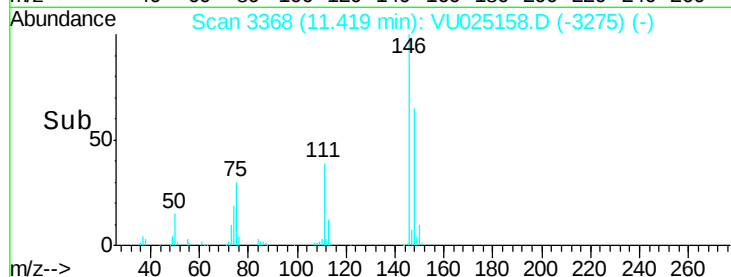
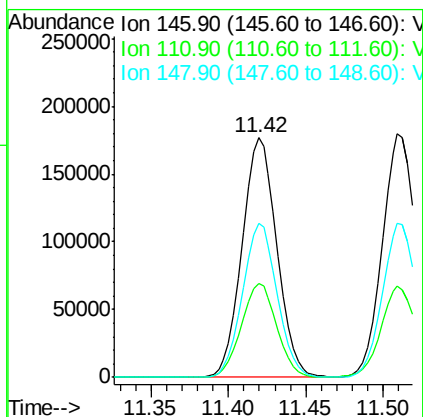
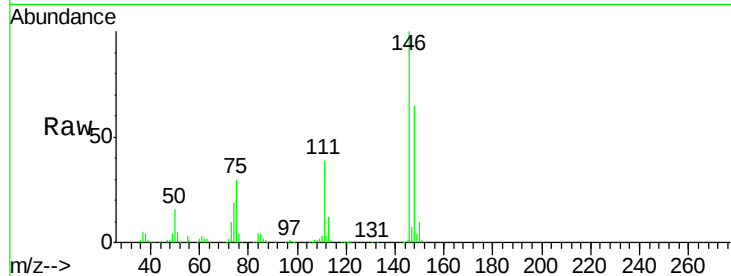
#87
 1,3-Dichlorobenzene
 Concen: 52.77 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	63.8	32.1	96.5

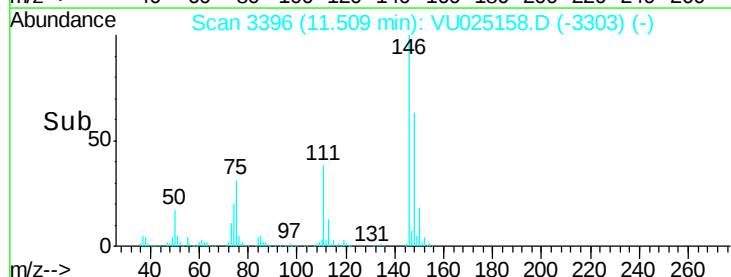
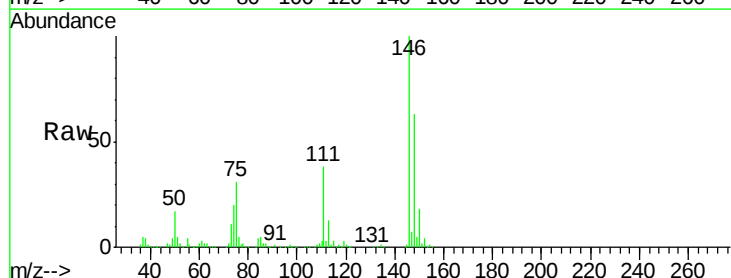
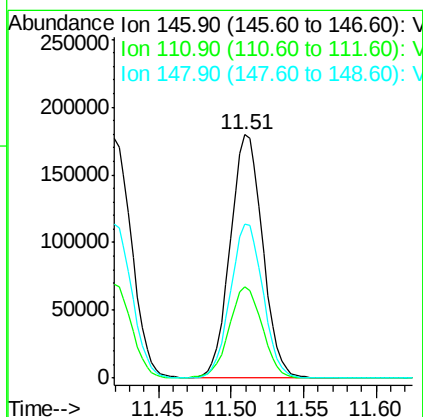
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#88
 1,4-Dichlorobenzene
 Concen: 52.58 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	63.8	32.4	97.0





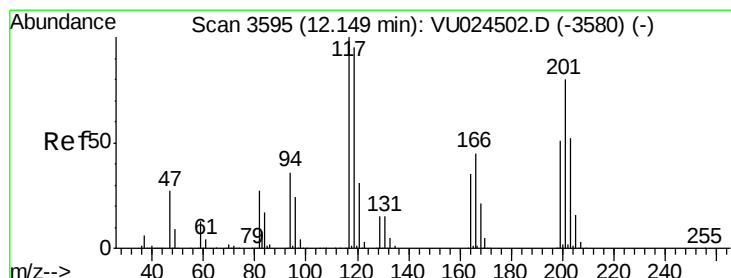
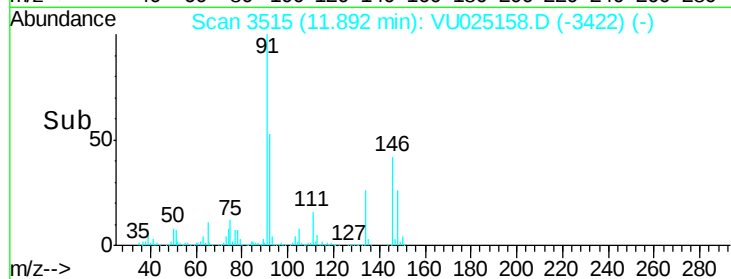
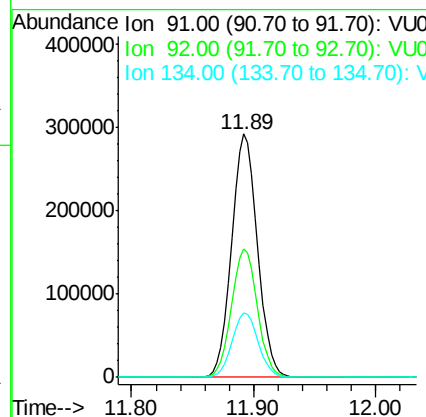
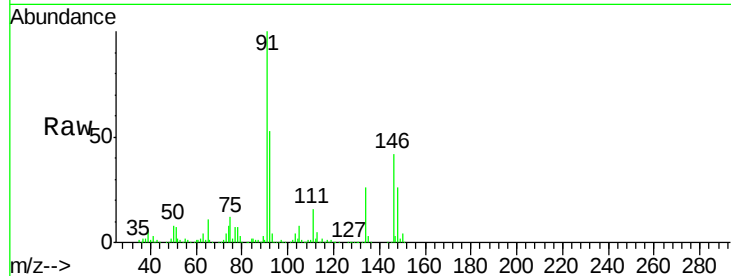
#89
n-Butylbenzene
Concen: 46.57 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	25.6	76.8
134	26.8	12.3	36.8

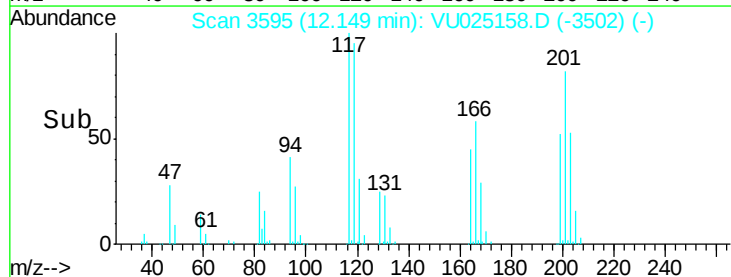
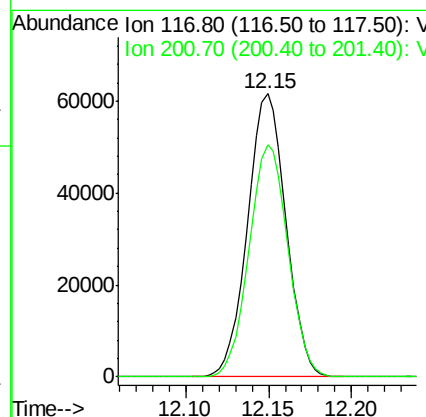
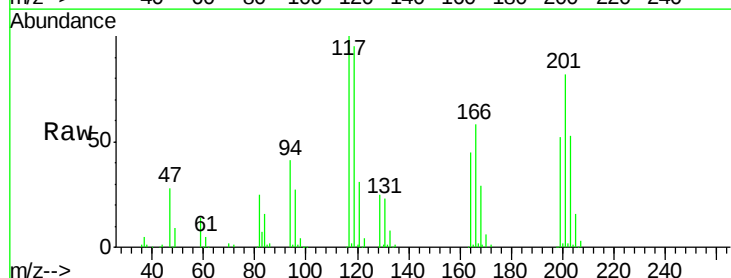
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#90
Hexachloroethane
Concen: 48.43 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025158.D
Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.9	41.1	123.3





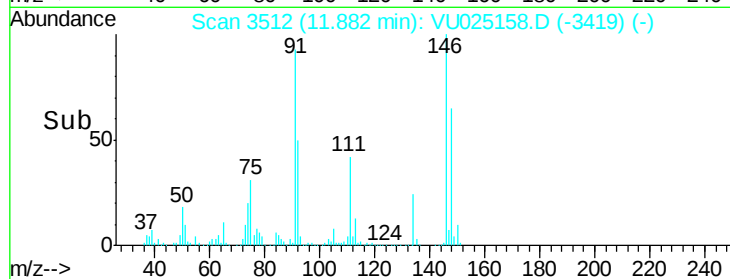
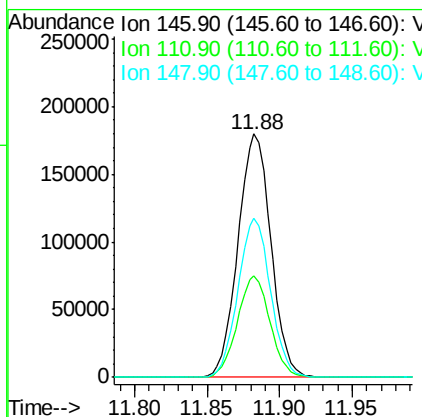
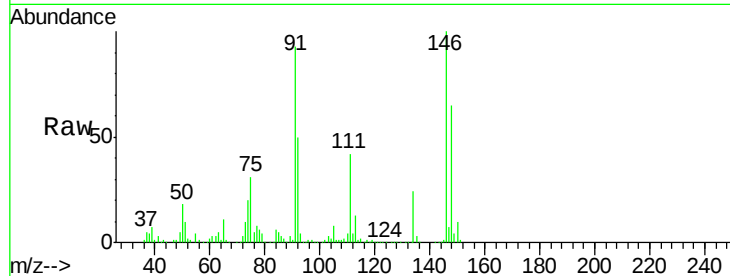
#91
 1,2-Dichlorobenzene
 Concen: 54.21 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.6
148	64.2	31.9	95.7

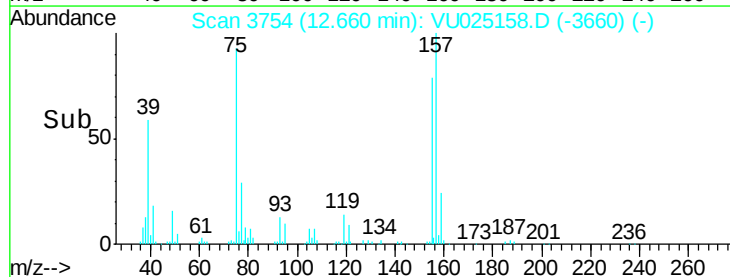
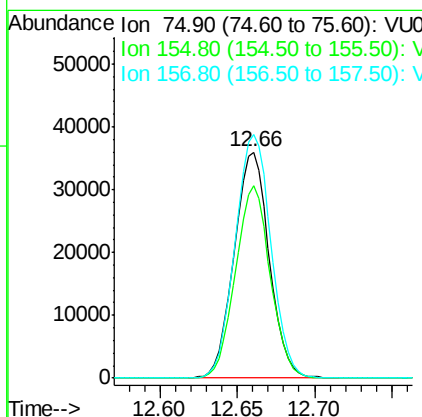
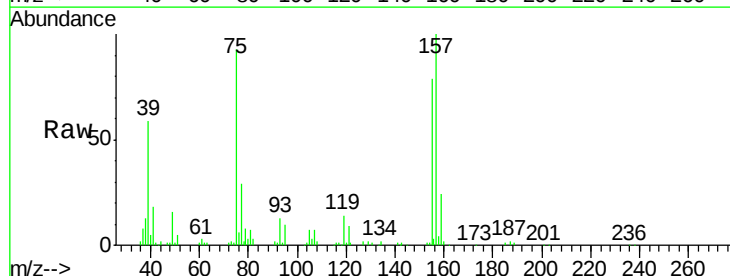
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.65 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.1	40.4	121.2
157	110.0	52.3	156.8





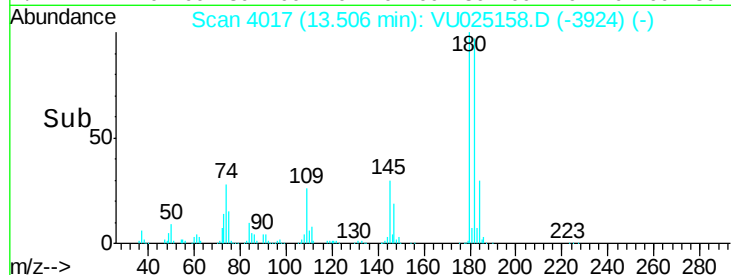
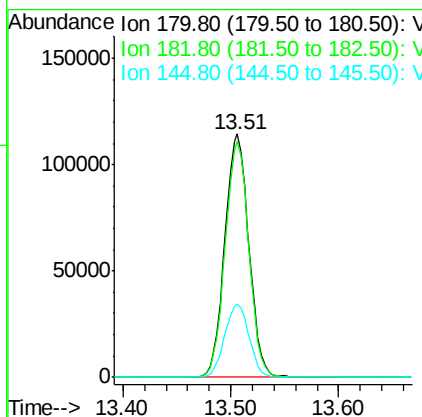
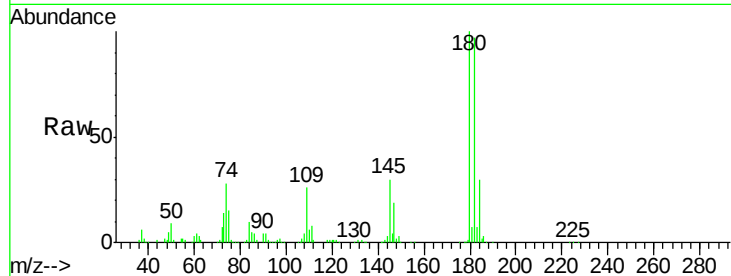
#93
 1,2,4-Trichlorobenzene
 Concen: 54.74 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	177639		
182	95.2	48.0	144.2	
145	30.6	14.7	44.1	

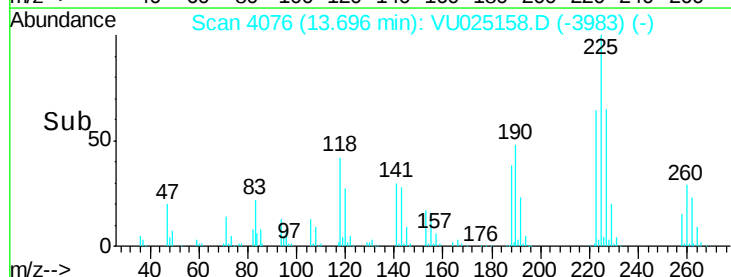
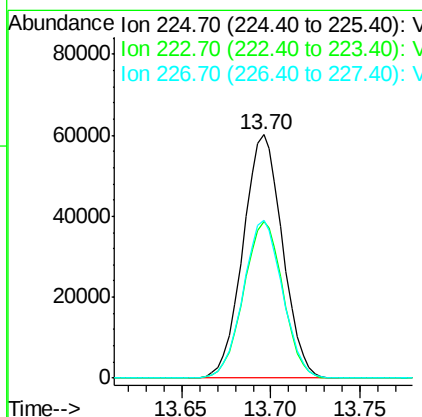
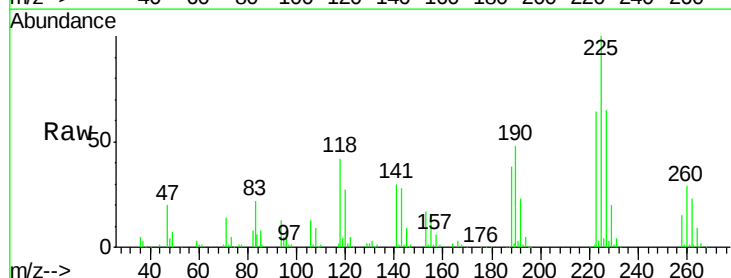
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 50.92 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025158.D
 Acq: 02 Jul 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93001		
223	63.9	31.3	93.8	
227	64.8	31.8	95.4	





#95

Naphthalene

Concen: 57.10 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

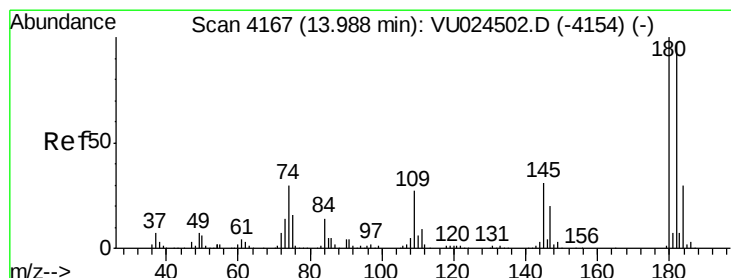
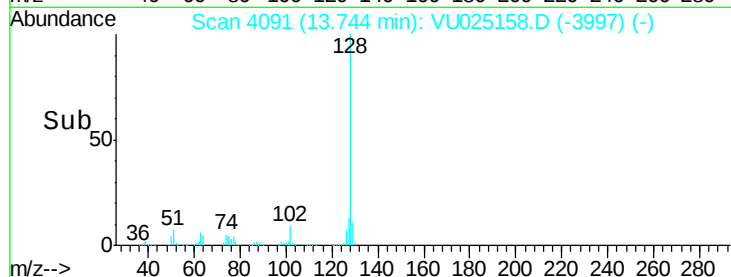
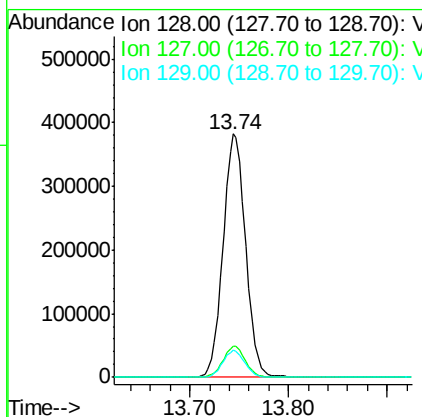
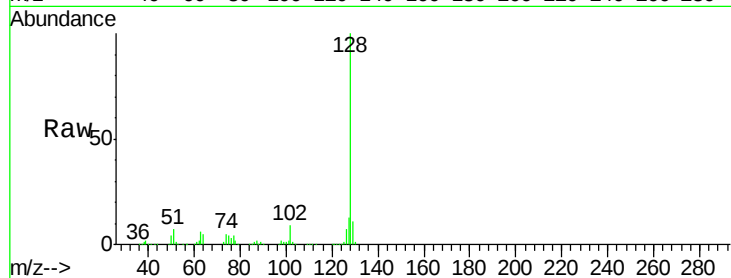
VSTDCCC050EC

Tot Ion:	128	Resp:	614465
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	11.0	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 58.14 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025158.D

Acq: 02 Jul 2018 21:19

Tgt Ion:	180	Resp:	187995
Ion Ratio	Lower	Upper	
180	100		
182	97.4	47.9	143.7
145	31.8	15.4	46.1

