

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025109.D
 Acq On : 01 Jul 2018 00:04
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 7/2/2018 4:16:45 PM

Quant Time: Jul 02 07:49:51 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	166978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	251567	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	240654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147016	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	123398	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
35) Dibromofluoromethane	4.89	113	101209	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	7.57	98	327413	42.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.98%	
62) 4-Bromofluorobenzene	10.31	95	141971	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	87371	41.80	ug/l	99
3) Chloromethane	1.33	50	100058	46.86	ug/l	99
4) Vinyl Chloride	1.40	62	105412	47.87	ug/l	100
5) Bromomethane	1.61	94	62166	58.40	ug/l	99
6) Chloroethane	1.69	64	67637	55.07	ug/l	99
7) Trichlorofluoromethane	1.88	101	169941	50.57	ug/l	100
8) Diethyl Ether	2.10	74	64886	57.00	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	99469	47.71	ug/l	97
10) Methyl Iodide	2.41	142	103816	57.90	ug/l	98
11) Tert butyl alcohol	2.82	59	179570	270.85	ug/l	100
12) 1,1-Dichloroethene	2.28	96	91865	48.32	ug/l	96
13) Acrolein	2.19	56	54714	157.16	ug/l	100
14) Allyl chloride	2.59	41	157147	44.52	ug/l	99
15) Acrylonitrile	2.93	53	341046	264.40	ug/l	99
16) Acetone	2.32	43	334092	228.10	ug/l	98
17) Carbon Disulfide	2.48	76	257817	42.35	ug/l	100
18) Methyl Acetate	2.62	43	203976	64.96	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	376855	52.73	ug/l	95
20) Methylene Chloride	2.70	84	115305	50.17	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	105229	50.25	ug/l	97
22) Diisopropyl ether	3.57	45	360902	51.57	ug/l	95
23) Vinyl Acetate	3.53	43	1485430	236.96	ug/l	99
24) 1,1-Dichloroethane	3.45	63	206511	51.30	ug/l	99
25) 2-Butanone	4.26	43	502850	255.60	ug/l	97
26) 2,2-Dichloropropane	4.23	77	132941	34.78	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	127279	52.87	ug/l	97
28) Bromochloromethane	4.55	49	78715	44.39	ug/l	88
29) Tetrahydrofuran	4.63	42	317801	260.85	ug/l	97
30) Chloroform	4.68	83	217790	53.45	ug/l	98
31) Cyclohexane	5.00	56	180461	50.50	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	197457	52.40	ug/l	97
36) 1,1-Dichloropropene	5.14	75	153086	51.79	ug/l	97
37) Ethyl Acetate	4.38	43	180165	55.92	ug/l	98
38) Carbon Tetrachloride	5.14	117	176604	54.33	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	184919	50.13	ug/l	96
40) Benzene	5.39	78	453391	53.83	ug/l	100
41) Methacrylonitrile	4.54	41	101056	58.17	ug/l	98
42) 1,2-Dichloroethane	5.41	62	188995	58.91	ug/l	99
43) Isopropyl Acetate	5.55	43	287090	51.55	ug/l	98
44) Trichloroethene	6.19	130	127007	52.98	ug/l	95
45) 1,2-Dichloropropane	6.44	63	120278	53.52	ug/l	100
46) Dibromomethane	6.56	93	86821	55.00	ug/l	95
47) Bromodichloromethane	6.76	83	169158	53.81	ug/l	99
48) Methyl methacrylate	6.62	41	150878	55.64	ug/l	98
49) 1,4-Dioxane	6.62	88	73253	1381.23	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	955182	272.99	ug/l	97
52) Toluene	7.64	92	292921	54.05	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	173506	49.15	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	181631	48.28	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	121218	55.03	ug/l	97
56) Ethyl methacrylate	8.02	69	192776	52.29	ug/l	99
57) 1,3-Dichloropropane	8.25	76	207339	55.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	340271	240.90	ug/l	95
59) 2-Hexanone	8.36	43	770631	269.78	ug/l	99
60) Dibromochloromethane	8.48	129	139469	50.77	ug/l	99
61) 1,2-Dibromoethane	8.59	107	134518	54.86	ug/l	100
64) Tetrachloroethene	8.23	164	132918	58.11	ug/l	99
65) Chlorobenzene	9.12	112	334491	54.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	125605	53.78	ug/l	99
67) Ethyl Benzene	9.25	91	579437	53.76	ug/l	100
68) m/p-Xylenes	9.38	106	450753	108.91	ug/l	97
69) o-Xylene	9.78	106	225381	55.03	ug/l	96
70) Styrene	9.80	104	361511	53.71	ug/l	99
71) Bromoform	9.96	173	109845	49.48	ug/l #	99
73) Isopropylbenzene	10.17	105	605009	53.60	ug/l	99
74) N-amyl acetate	10.01	43	256122	47.71	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	204344	54.02	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	187405m	57.90	ug/l	
77) Bromobenzene	10.45	156	155749	54.50	ug/l	94
78) n-propylbenzene	10.59	91	683271	51.39	ug/l	97
79) 2-Chlorotoluene	10.66	91	415381	52.98	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	516743	52.82	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	61164m	43.73	ug/l	
82) 4-Chlorotoluene	10.78	91	479050	52.49	ug/l	100
83) tert-Butylbenzene	11.10	119	505693	53.74	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	526907	52.85	ug/l	100
85) sec-Butylbenzene	11.33	105	615401	52.24	ug/l	98
86) p-Isopropyltoluene	11.48	119	545863	51.74	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	279094	52.87	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	281863	53.05	ug/l	100
89) n-Butylbenzene	11.89	91	439992	46.98	ug/l	97
90) Hexachloroethane	12.15	117	96650	46.96	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	291127	55.06	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53469	51.23	ug/l	93

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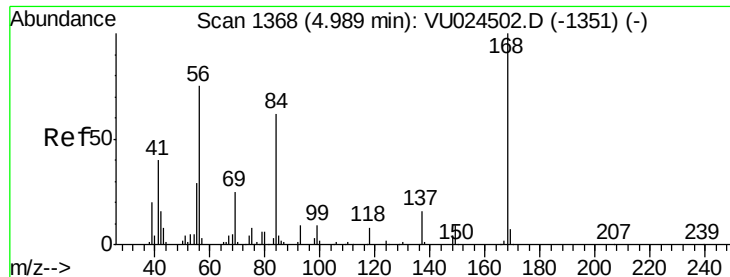
Manual Integrations
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QLast Update : Wed Jun 13 13:55:26 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	181310	55.52	ug/l	99
94) Hexachlorobutadiene	13.70	225	93487	50.87	ug/l	97
95) Naphthalene	13.74	128	598693	55.31	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	189397	58.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 166978

Ion Ratio Lower Upper

168 100

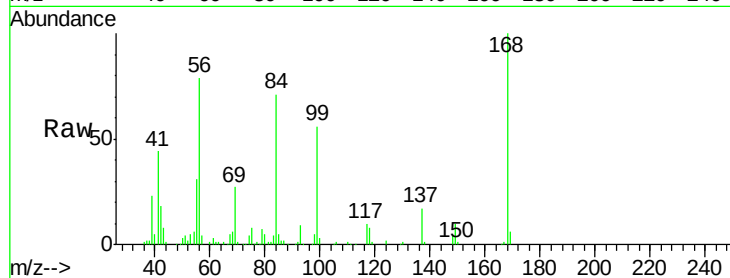
99 56.0 43.2 64.8

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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) (-)

4.99

80000

60000

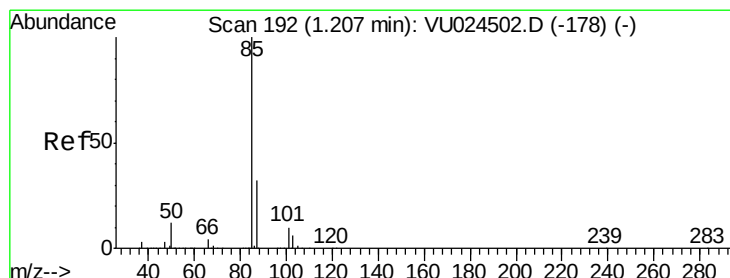
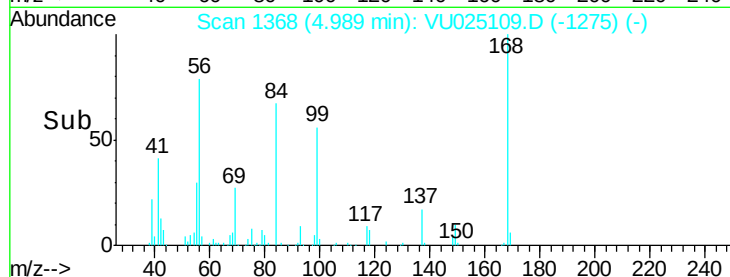
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.80 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025109.D

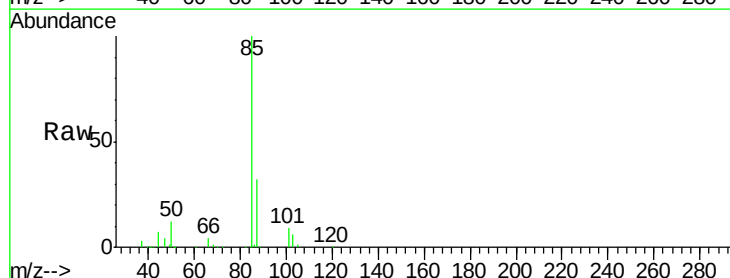
Acq: 01 Jul 2018 00:04

Tgt Ion: 85 Resp: 87371

Ion Ratio Lower Upper

85 100

87 31.7 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) (-)

1.20

100000

80000

60000

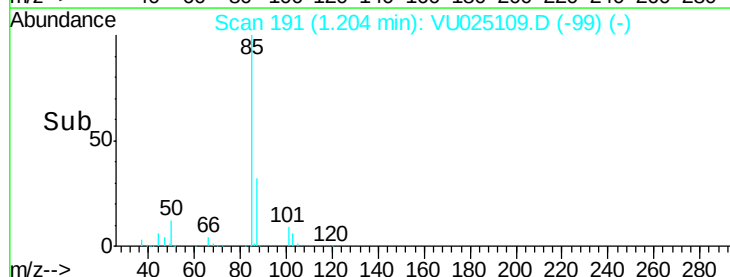
40000

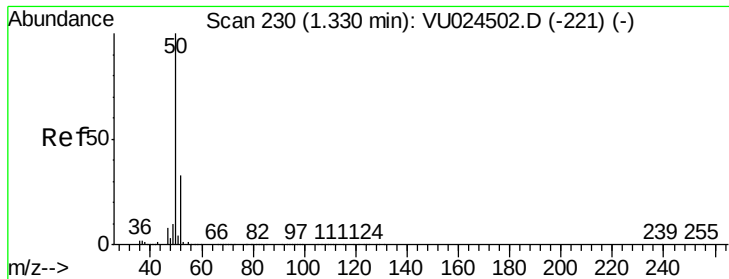
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 46.86 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 100058

Ion Ratio Lower Upper

50 100

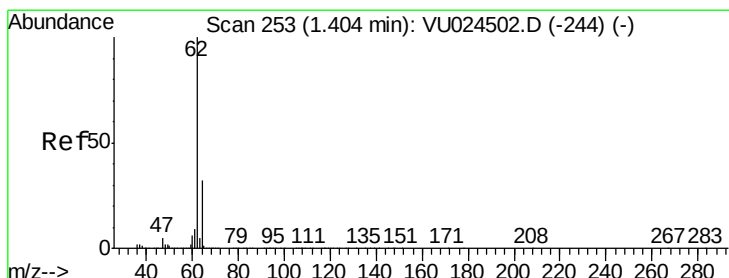
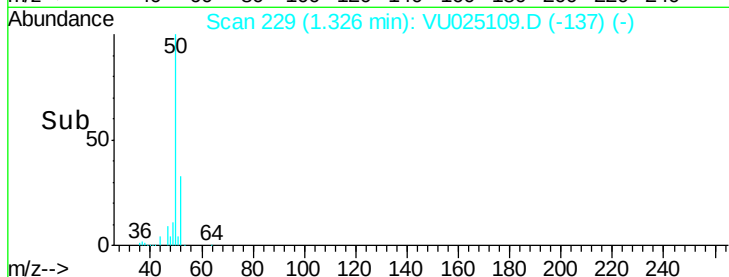
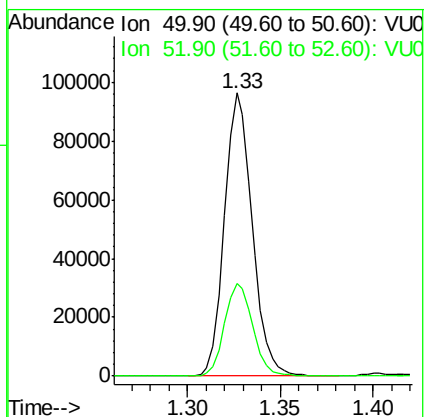
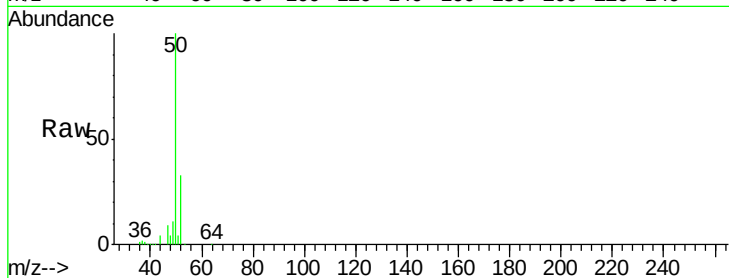
52 32.7 26.4 39.6

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#4

Vinyl Chloride

Concen: 47.87 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025109.D

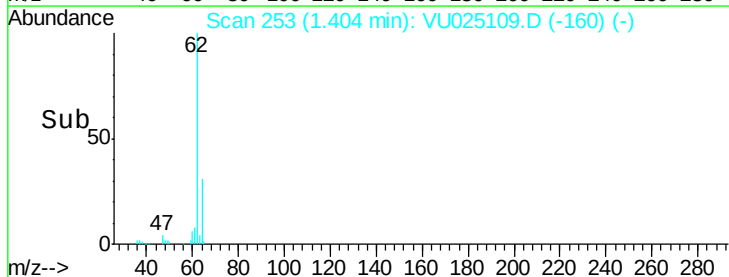
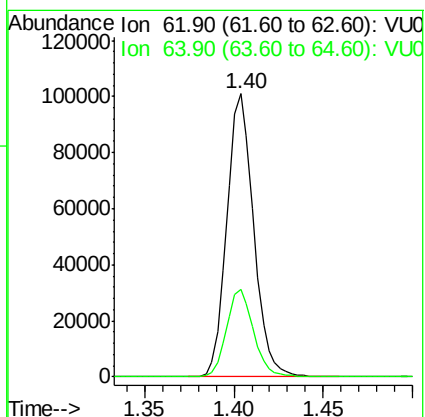
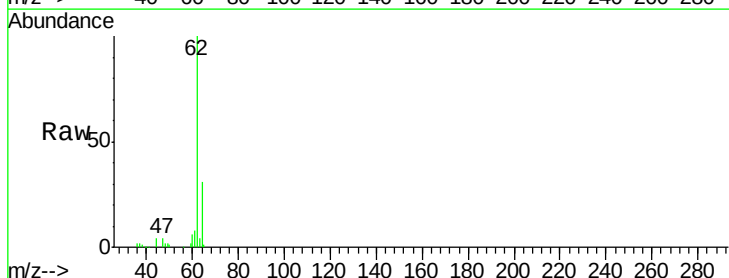
Acq: 01 Jul 2018 00:04

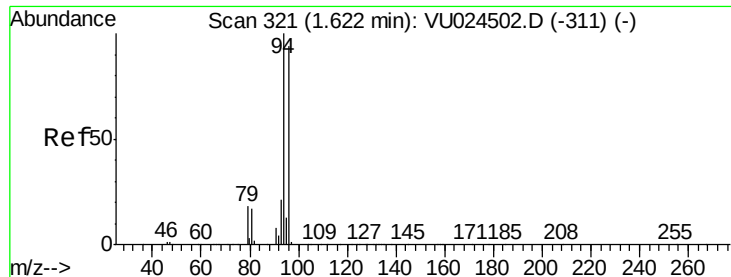
Tgt Ion: 62 Resp: 105412

Ion Ratio Lower Upper

62 100

64 31.0 24.8 37.2





#5

Bromomethane

Concen: 58.40 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 62166

Ion Ratio Lower Upper

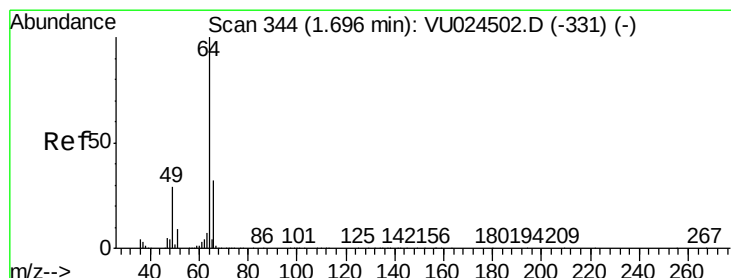
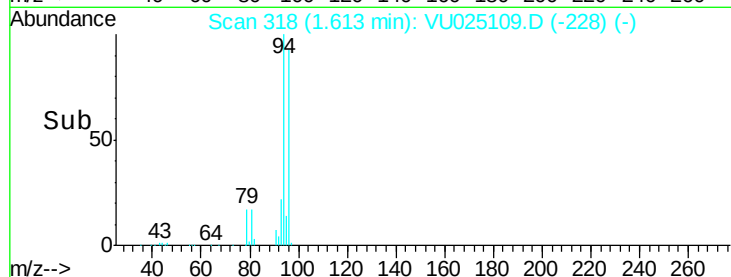
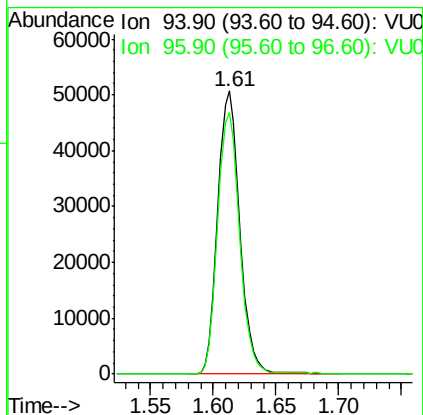
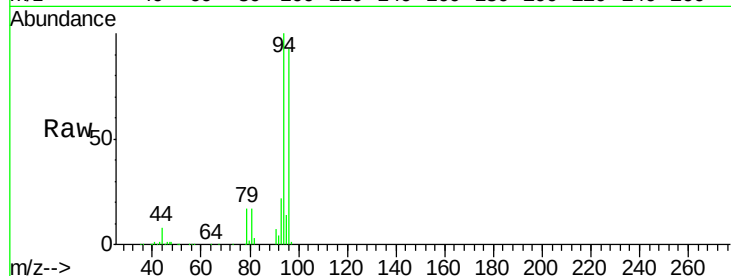
94 100

96 92.6 74.5 111.7

Manual Integrations
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#6

Chloroethane

Concen: 55.07 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU025109.D

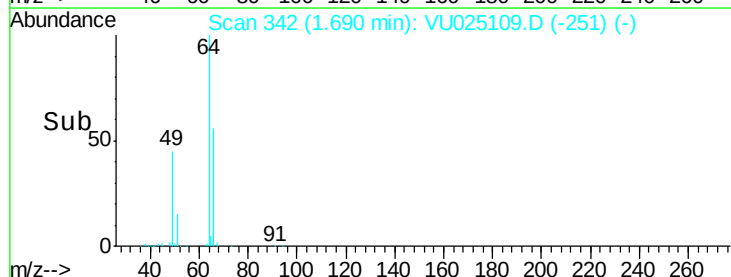
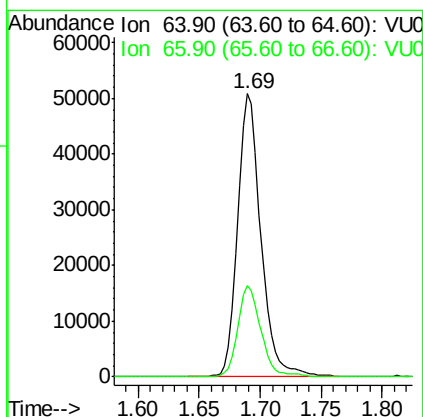
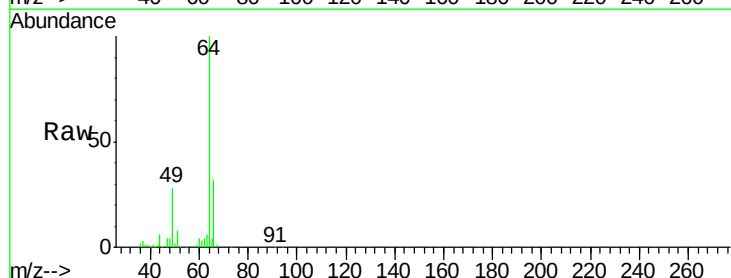
Acq: 01 Jul 2018 00:04

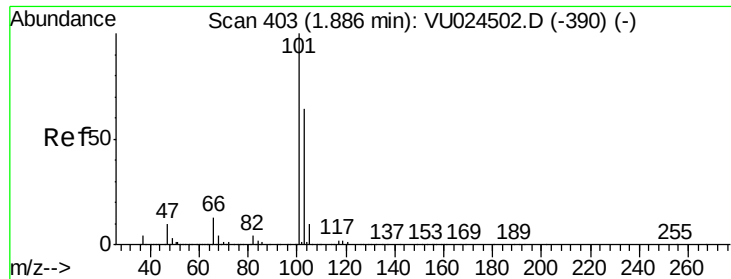
Tgt Ion: 64 Resp: 67637

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3





#7

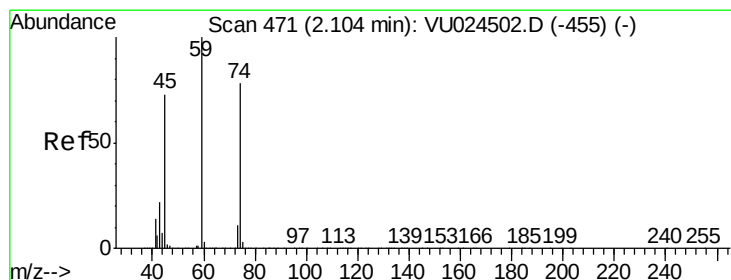
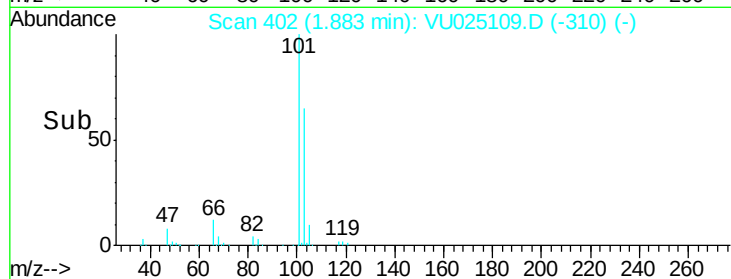
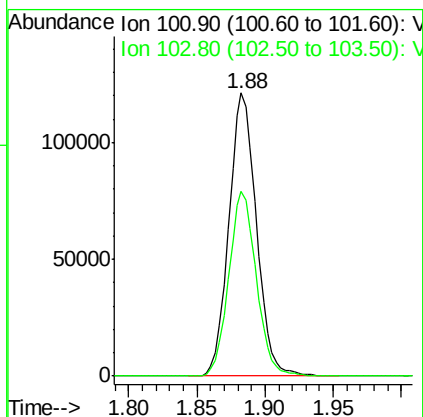
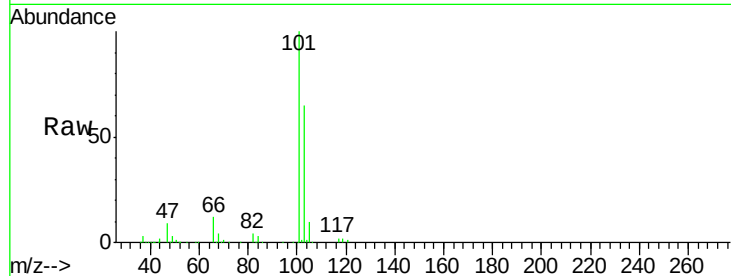
Trichlorofluoromethane
 Concen: 50.57 ug/l
 RT: 1.88 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.3	78.5

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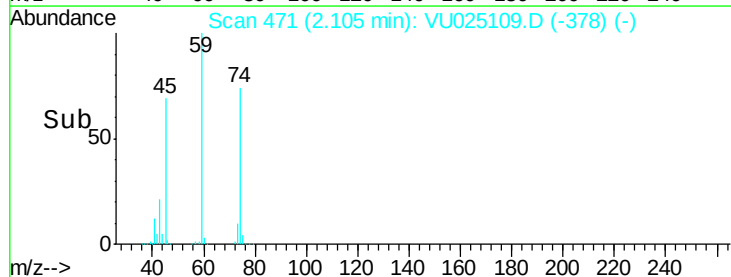
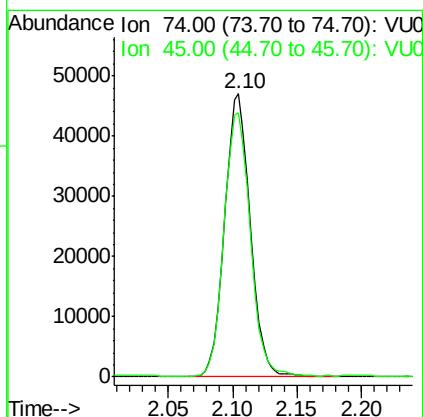
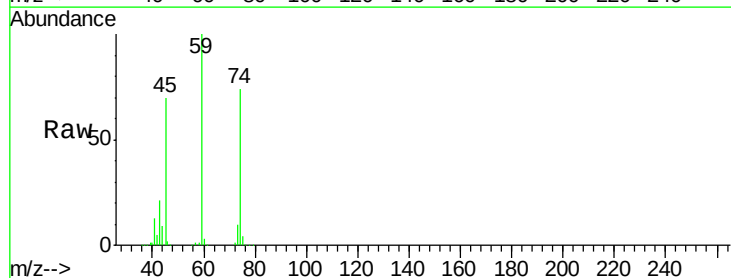
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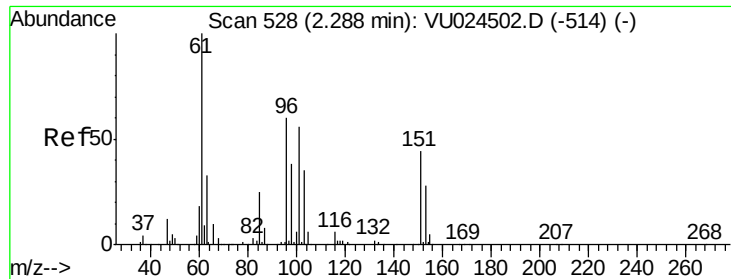


#8

Diethyl Ether
 Concen: 57.00 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.3	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.71 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

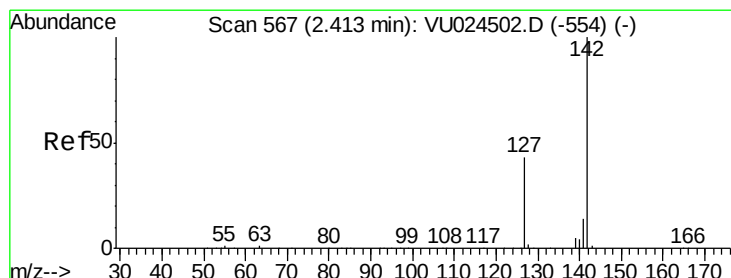
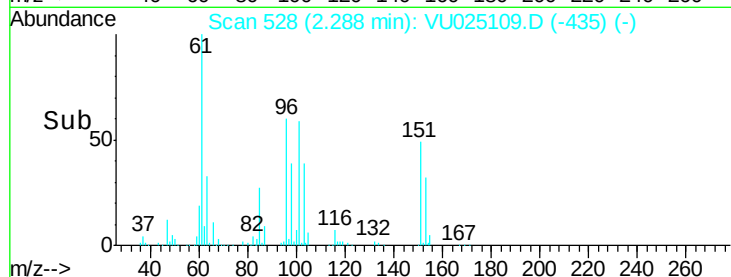
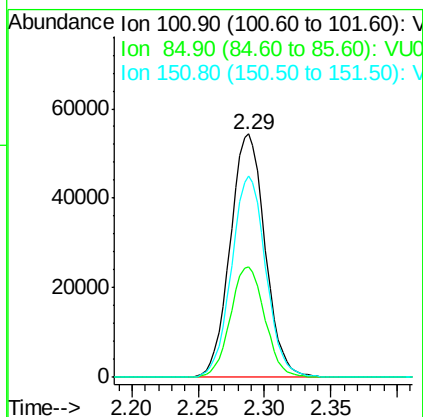
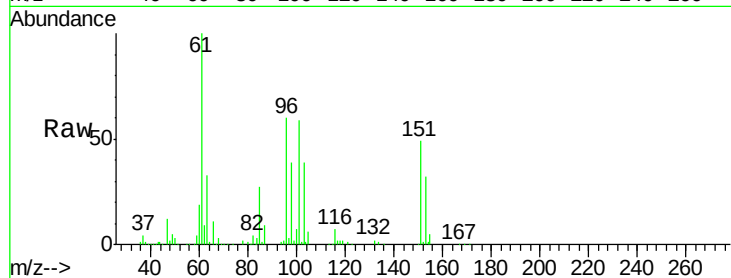
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	99469
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.0	54.0
151	81.6	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 57.90 ug/l

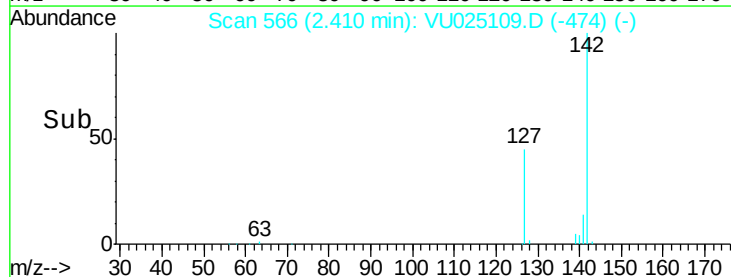
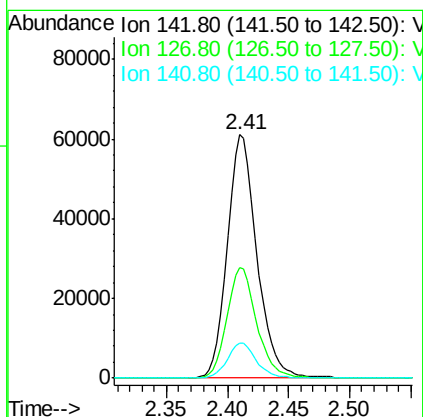
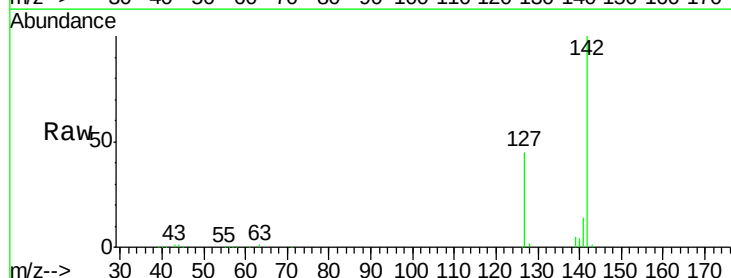
RT: 2.41 min Scan# 566

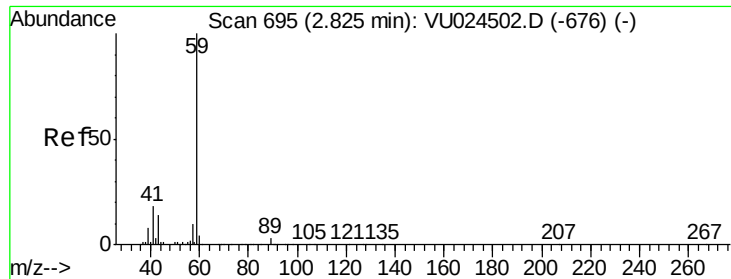
Delta R.T. -0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Tgt Ion:	142	Resp:	103816
Ion Ratio	Lower	Upper	
142	100		
127	45.7	35.6	53.4
141	14.1	11.7	17.5





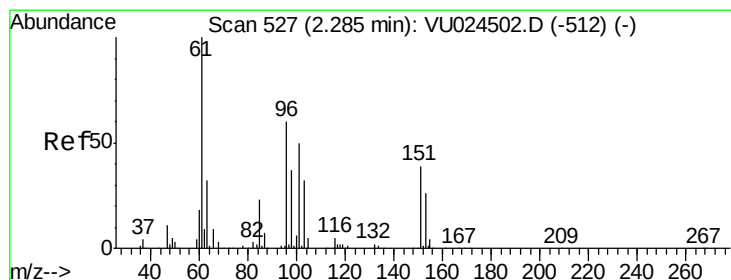
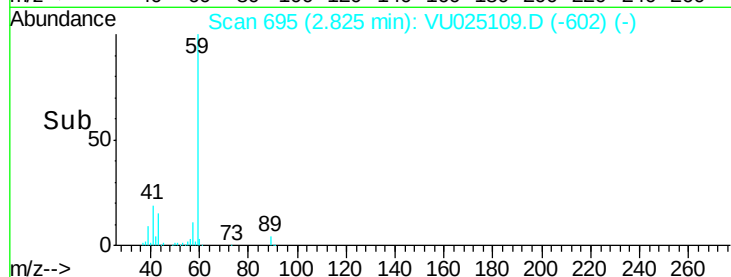
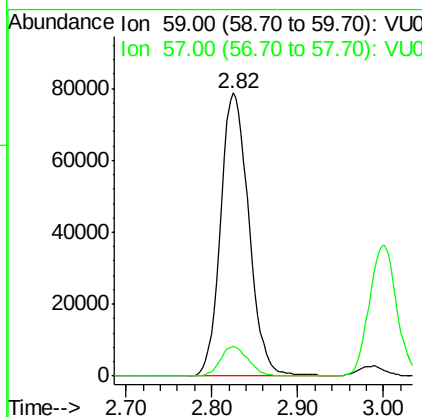
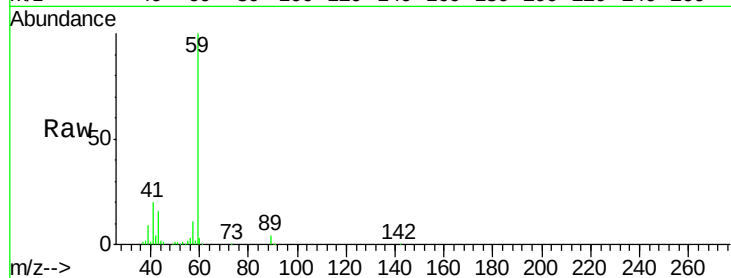
#11
Tert butyl alcohol
Concen: 270.85 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

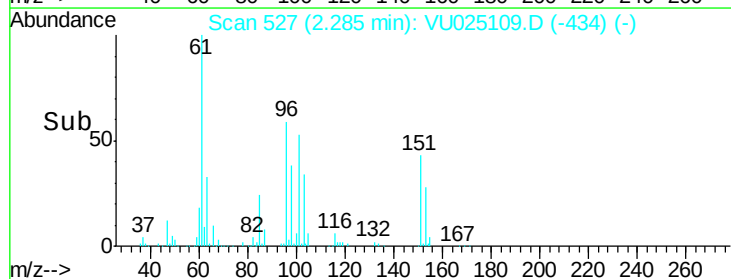
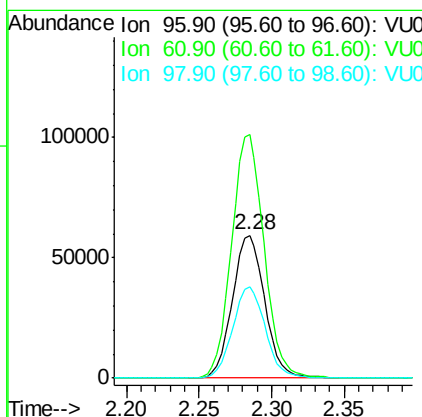
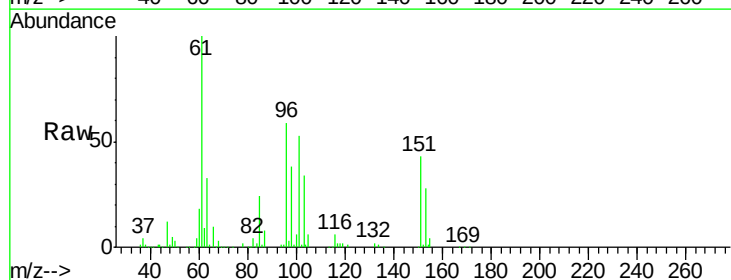
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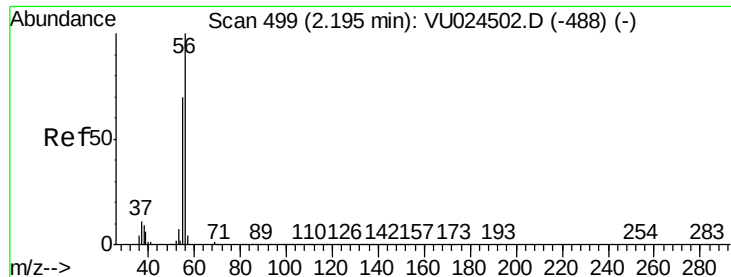
apatel
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#12
1,1-Dichloroethene
Concen: 48.32 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.5	141.7	212.5
98	64.1	51.6	77.4





#13

Acrolein

Concen: 157.16 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 54714

Ion Ratio Lower Upper

56 100

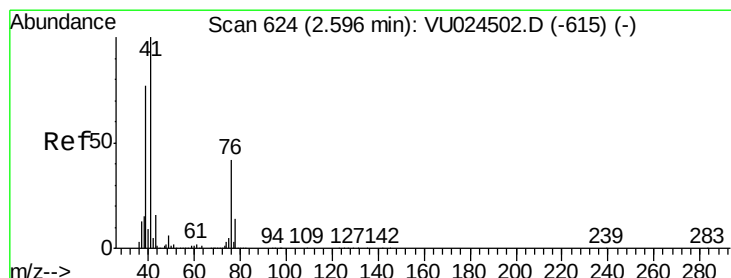
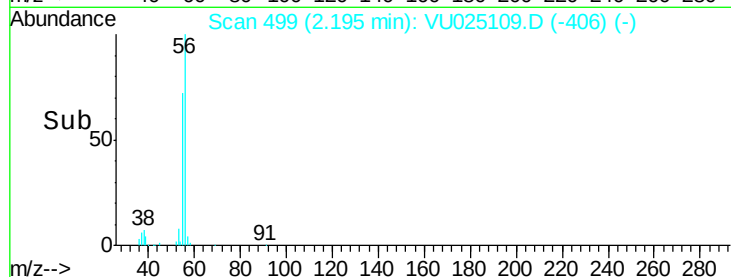
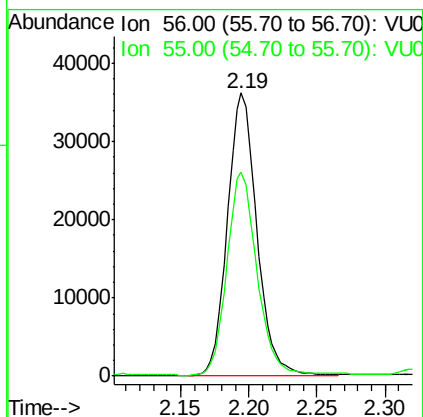
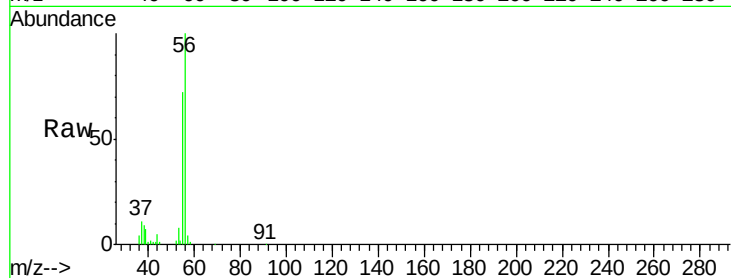
55 72.8 58.4 87.6

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#14

Allyl chloride

Concen: 44.52 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

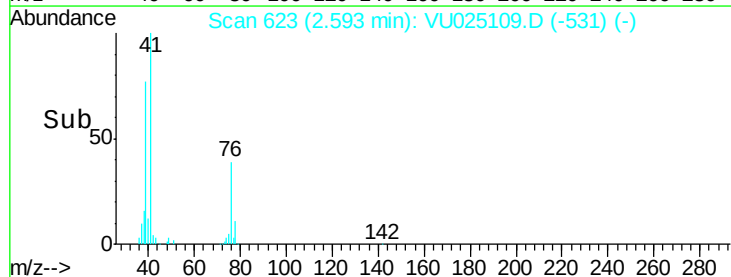
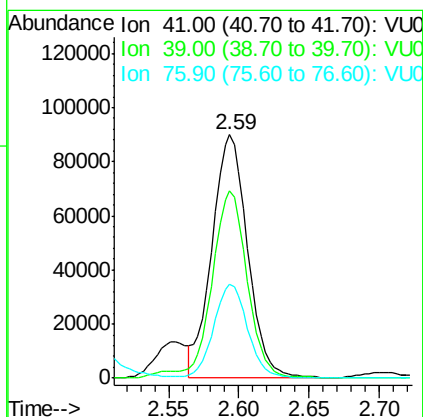
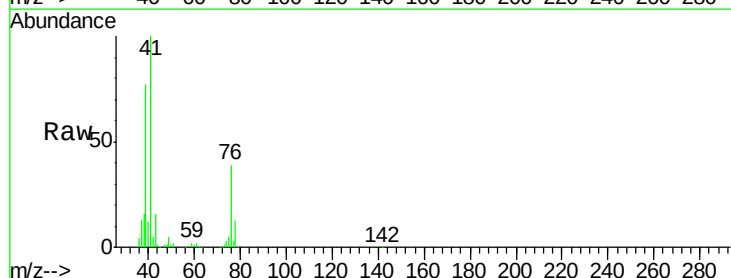
Tgt Ion: 41 Resp: 157147

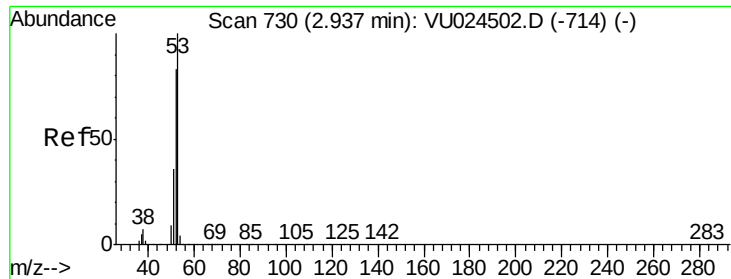
Ion Ratio Lower Upper

41 100

39 77.9 61.6 92.4

76 37.0 29.7 44.5





#15

Acrylonitrile

Concen: 264.40 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

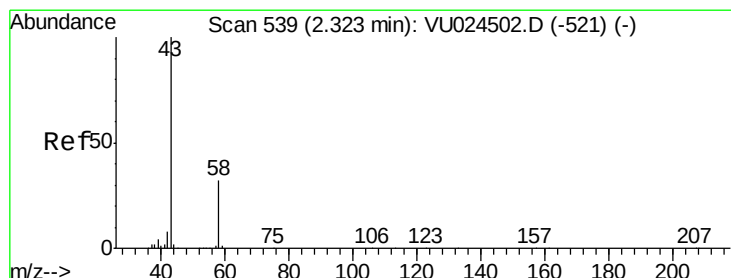
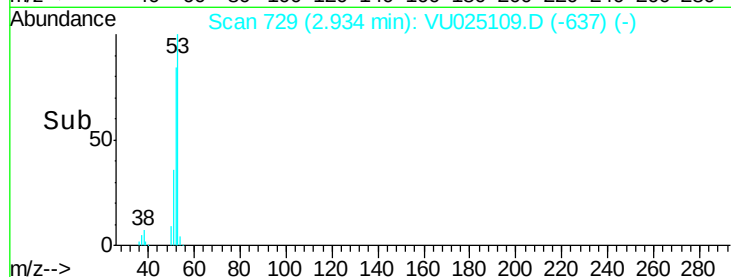
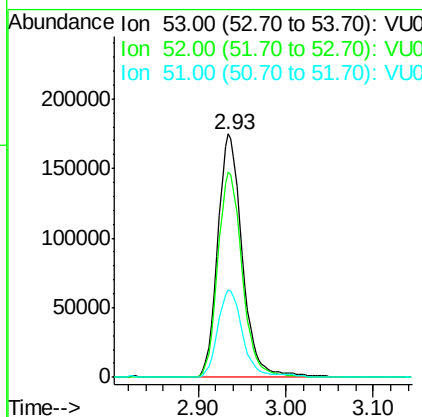
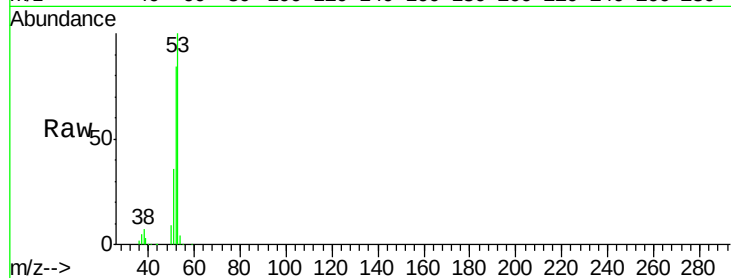
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	341046
Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.1	100.7
51	37.1	28.4	42.6

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#16

Acetone

Concen: 228.10 ug/l

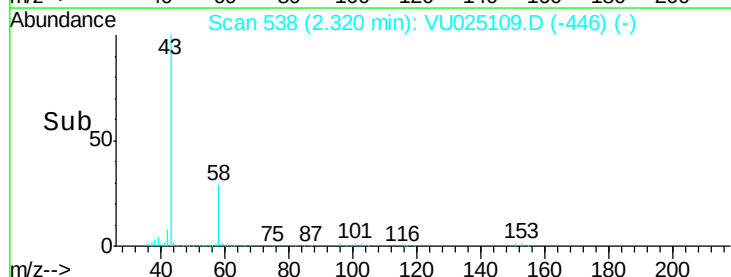
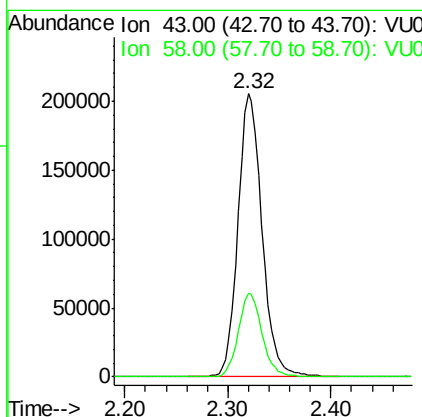
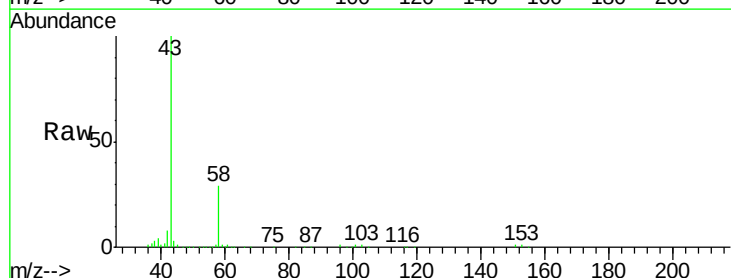
RT: 2.32 min Scan# 538

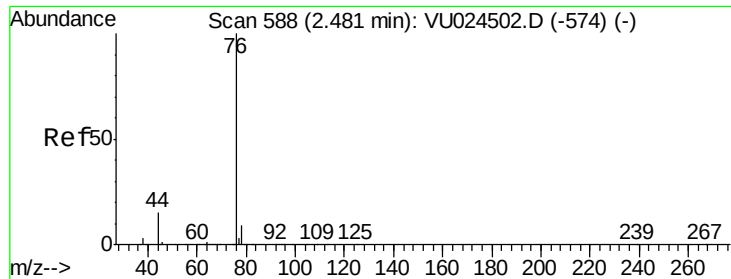
Delta R.T. -0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Tgt Ion:	43	Resp:	334092
Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.4	36.6





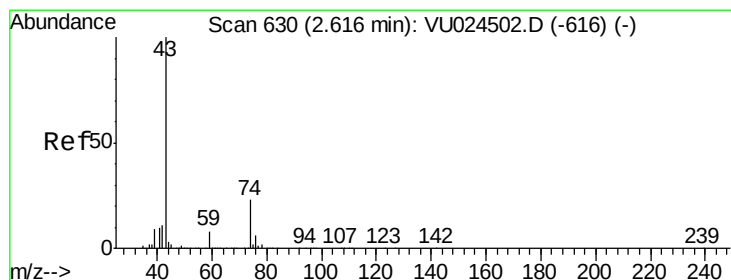
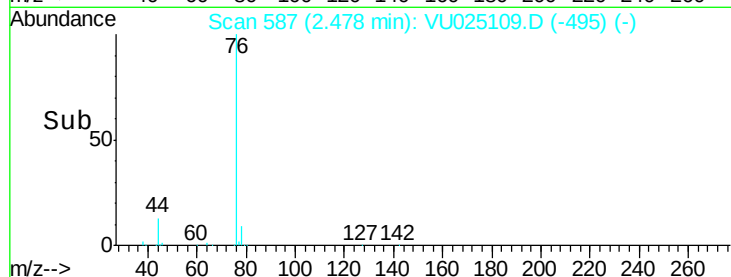
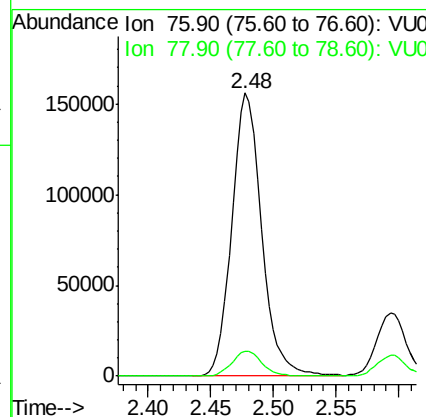
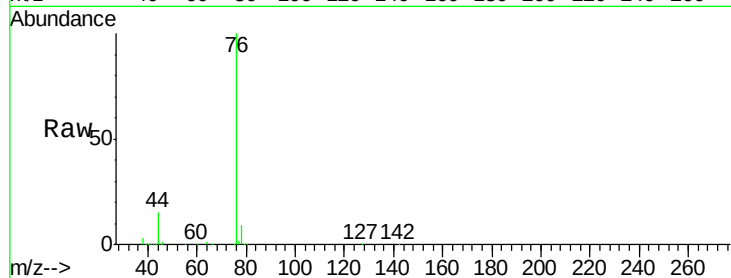
#17
Carbon Disulfide
Concen: 42.35 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

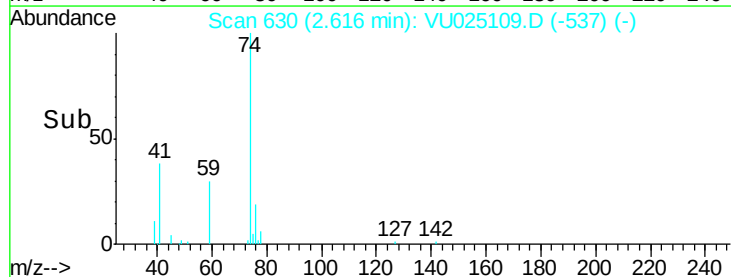
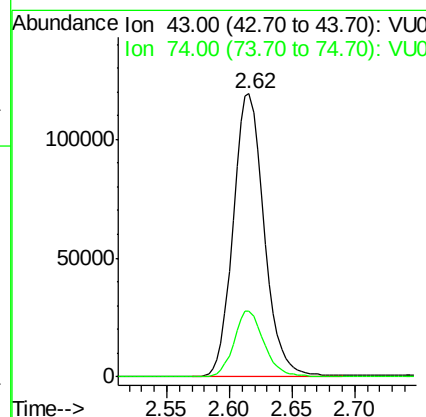
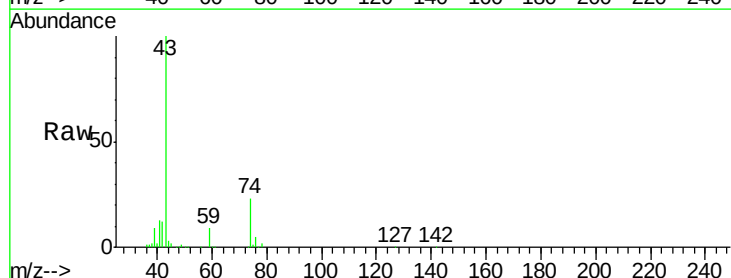
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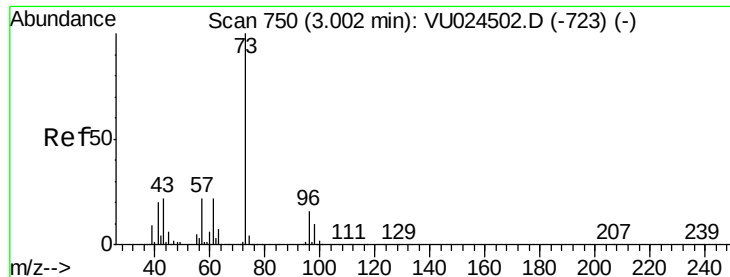
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#18
Methyl Acetate
Concen: 64.96 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.0	27.0





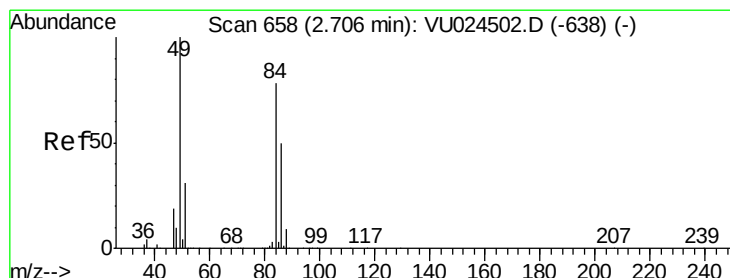
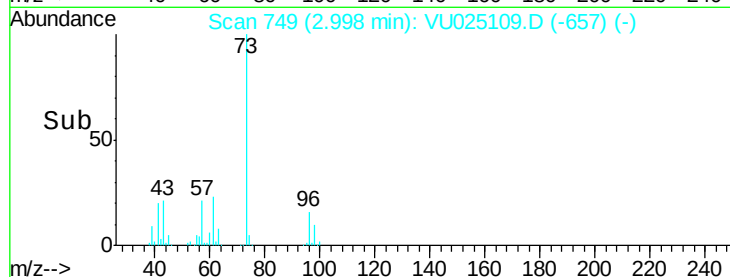
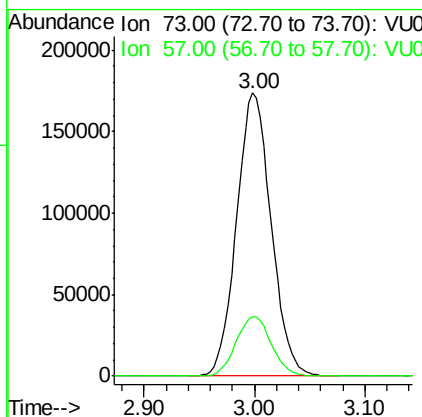
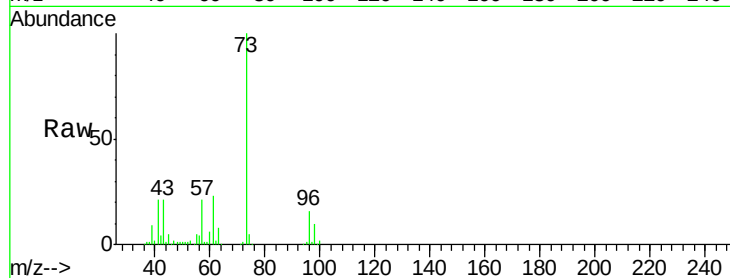
#19
Methyl tert-butyl Ether
Concen: 52.73 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 376855
Ion Ratio Lower Upper
73 100
57 20.9 18.8 28.2

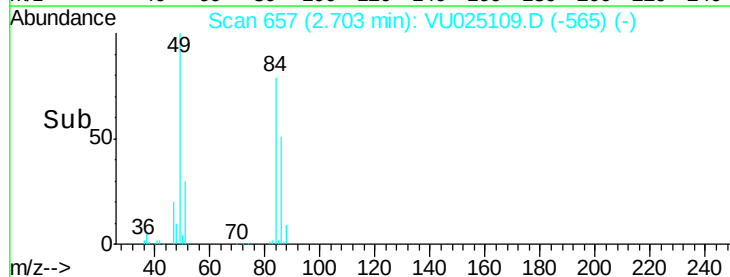
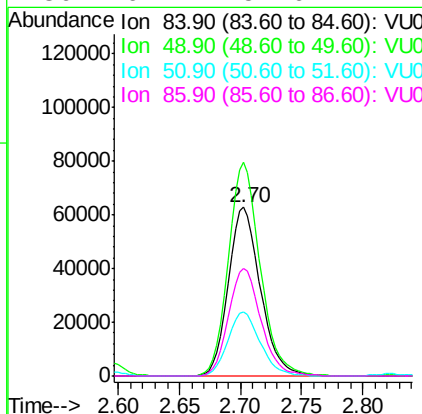
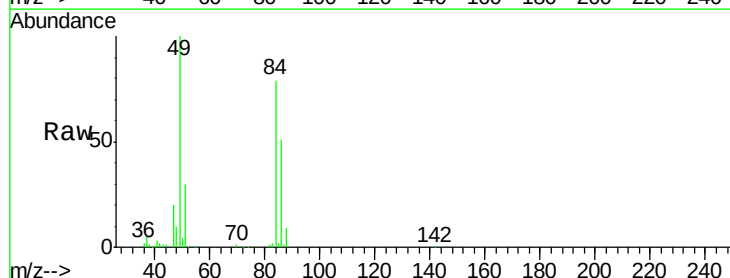
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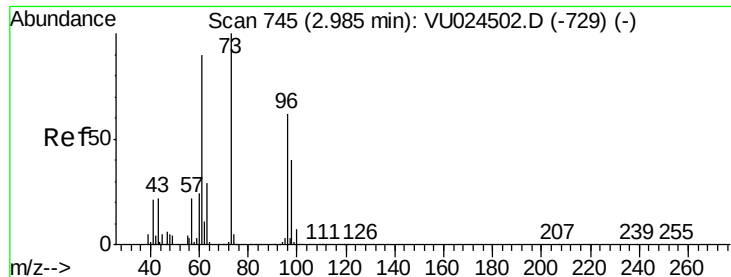
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#20
Methylene Chloride
Concen: 50.17 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion: 84 Resp: 115305
Ion Ratio Lower Upper
84 100
49 126.6 103.8 155.8
51 38.3 32.0 48.0
86 64.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 50.25 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

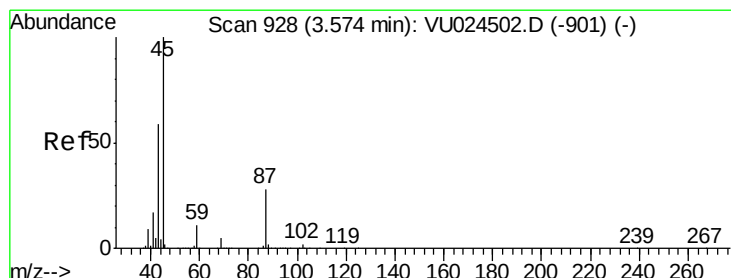
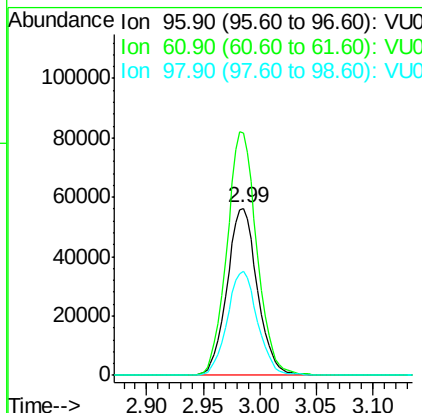
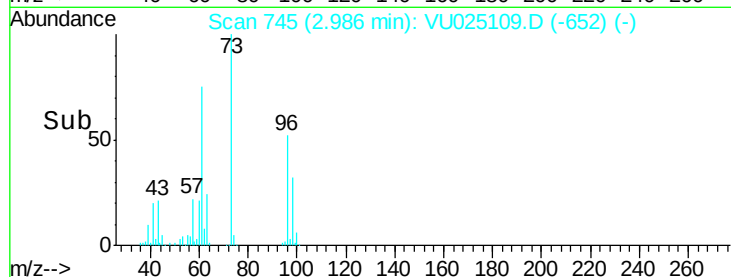
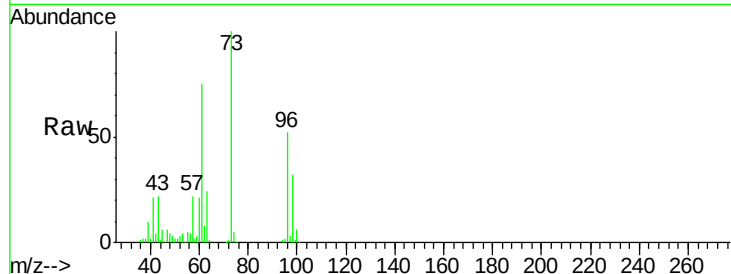
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	105229
Ion	Ratio	Lower	Upper
96	100		
61	144.9	119.4	179.0
98	62.0	51.1	76.7

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#22

Diisopropyl ether

Concen: 51.57 ug/l

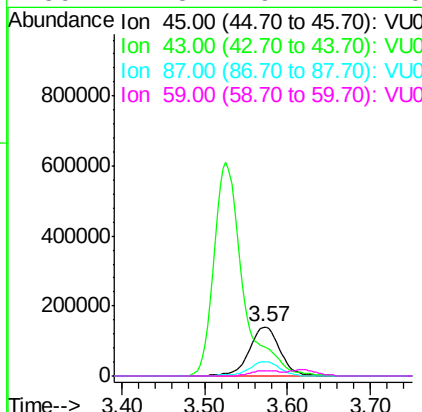
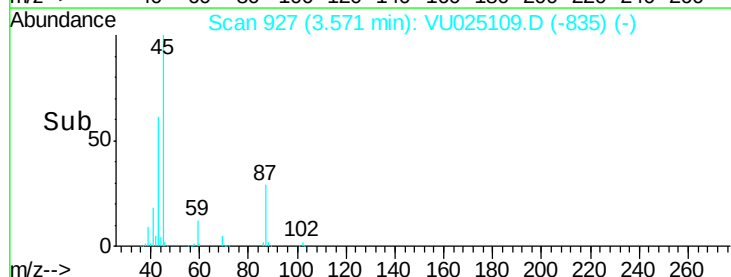
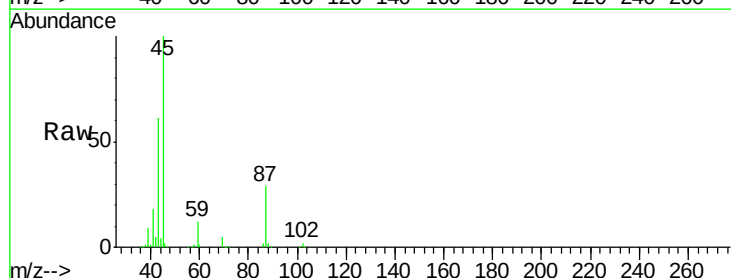
RT: 3.57 min Scan# 927

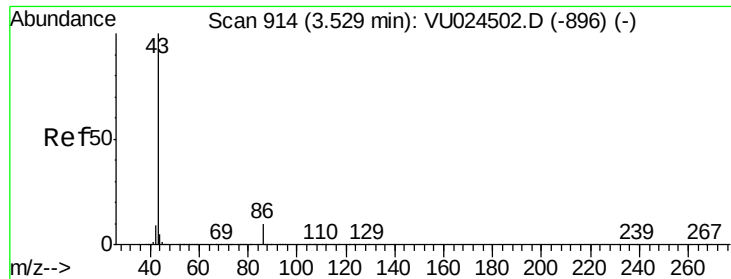
Delta R.T. -0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Tgt Ion:	45	Resp:	360902
Ion	Ratio	Lower	Upper
45	100		
43	60.9	45.8	68.6
87	28.5	20.6	31.0
59	11.8	9.4	14.0





#23

Vinyl Acetate

Concen: 236.96 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1485430

Ion Ratio Lower Upper

43 100

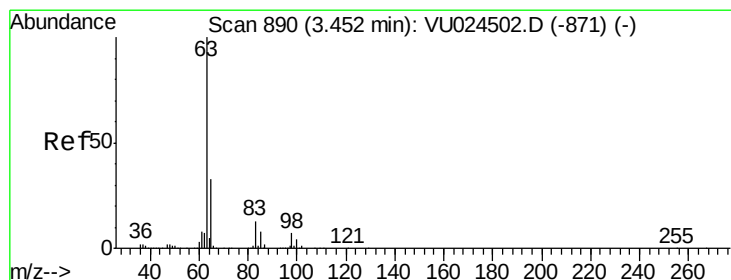
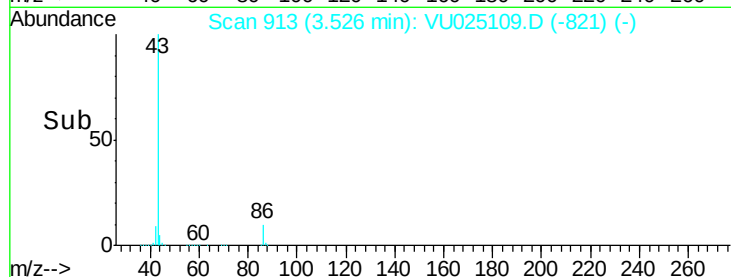
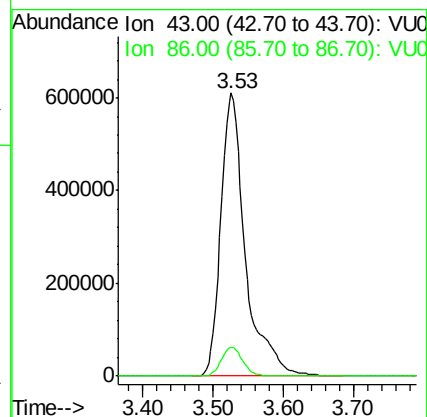
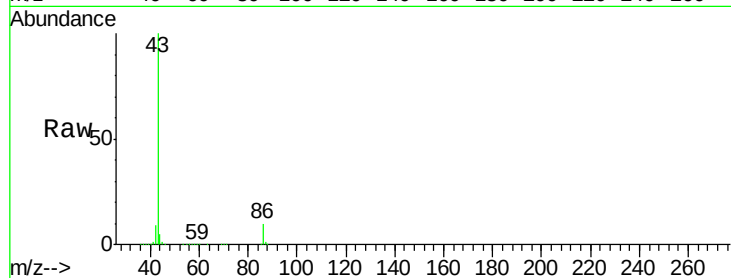
86 10.3 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 51.30 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

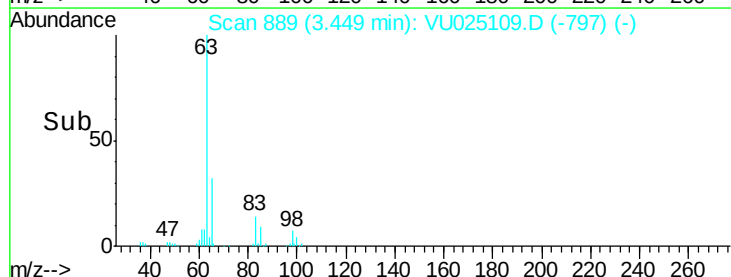
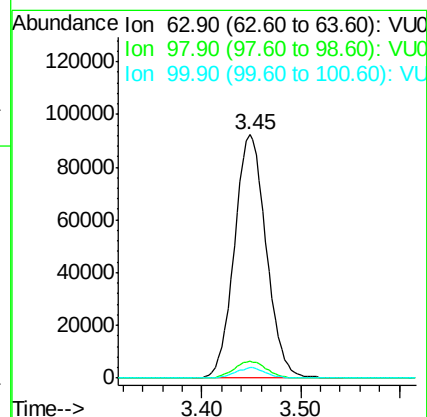
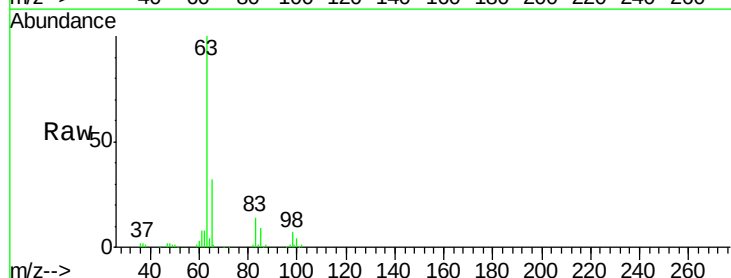
Tgt Ion: 63 Resp: 206511

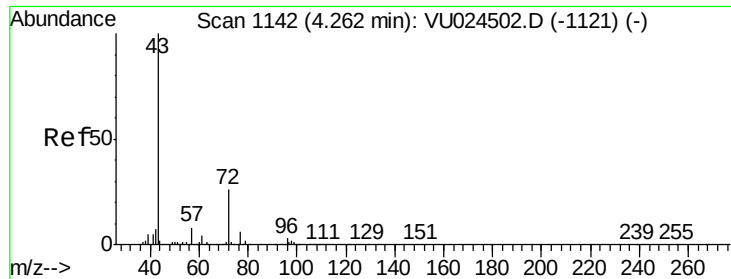
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.3 1.8 5.5





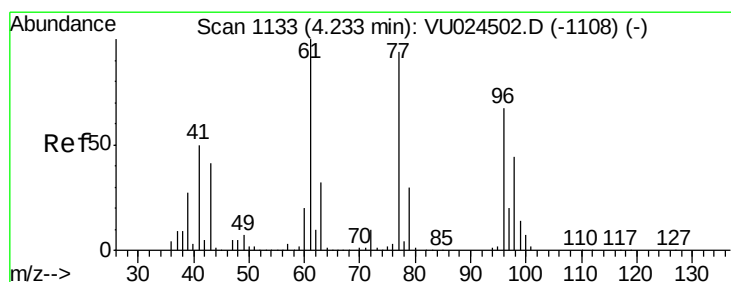
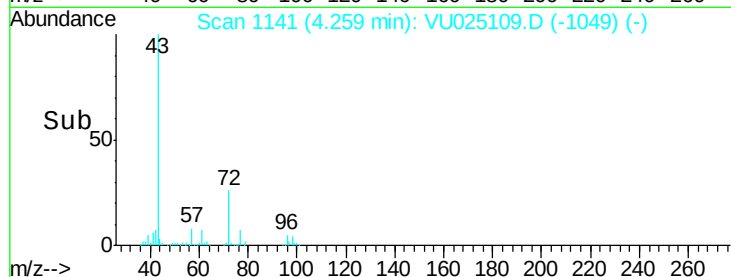
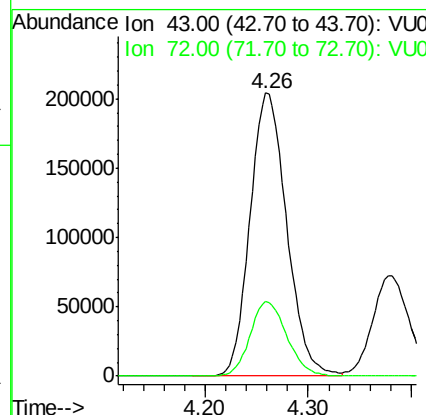
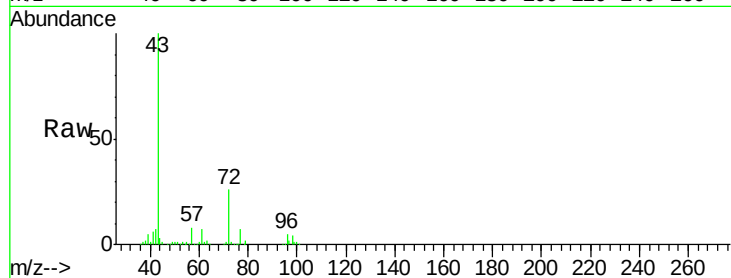
#25
2-Butanone
Concen: 255.60 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 502850
Ion Ratio Lower Upper
43 100
72 26.2 19.6 29.4

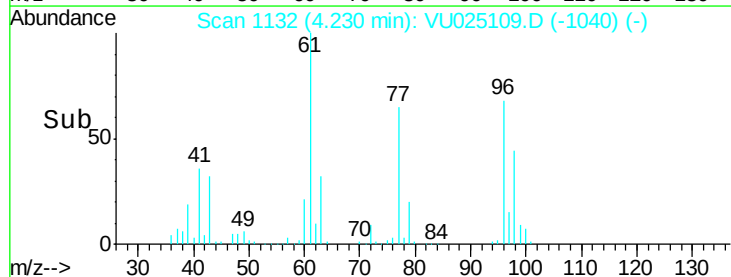
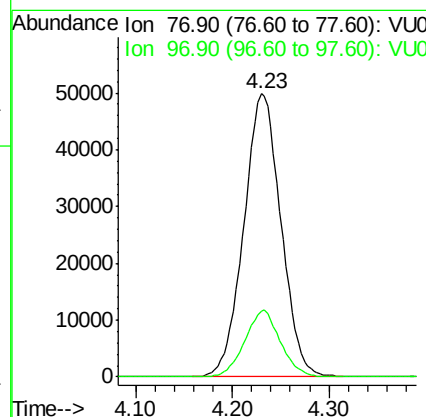
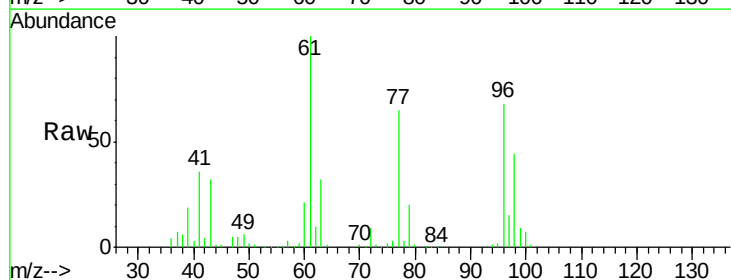
Manual Integrations
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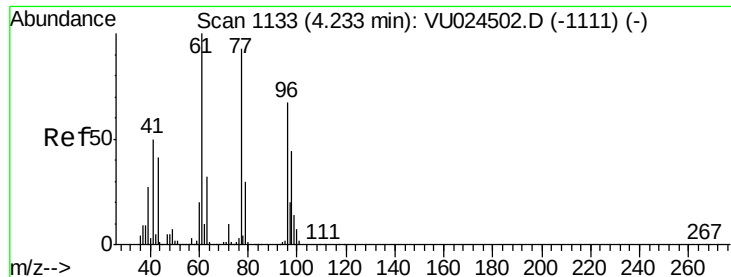
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#26
2,2-Dichloropropane
Concen: 34.78 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion: 77 Resp: 132941
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 52.87 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

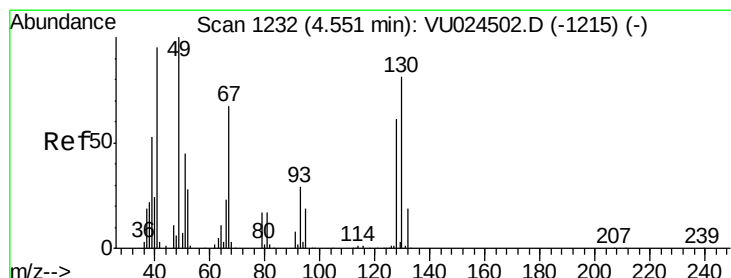
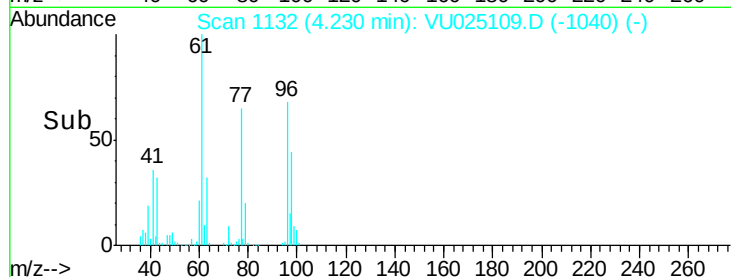
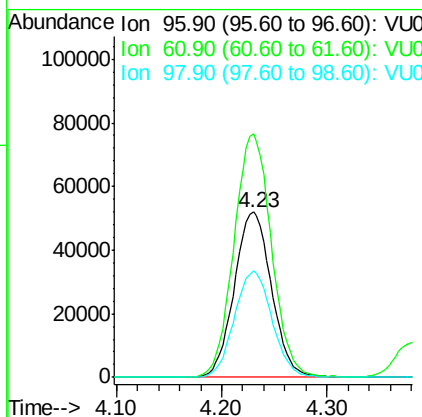
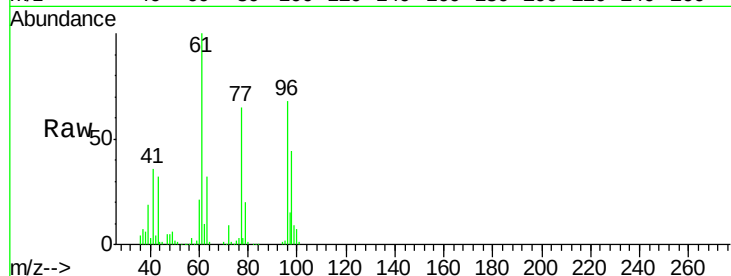
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	127279
Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	306.6
98	65.1	0.0	128.8

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#28

Bromochloromethane

Concen: 44.39 ug/l

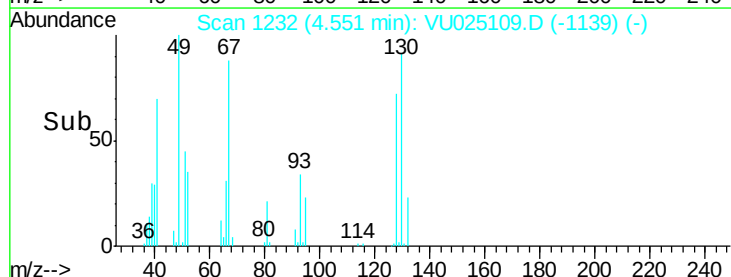
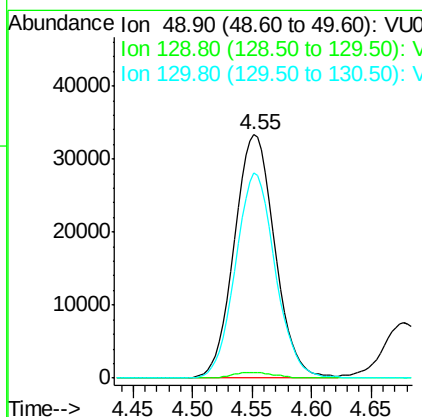
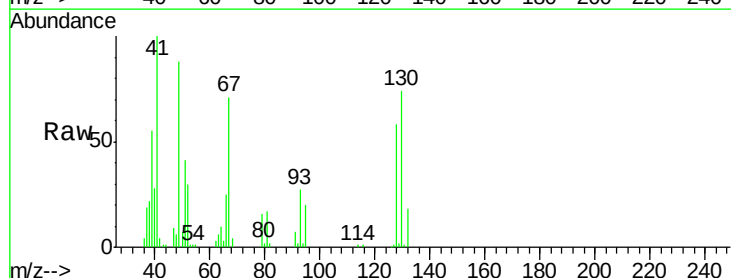
RT: 4.55 min Scan# 1232

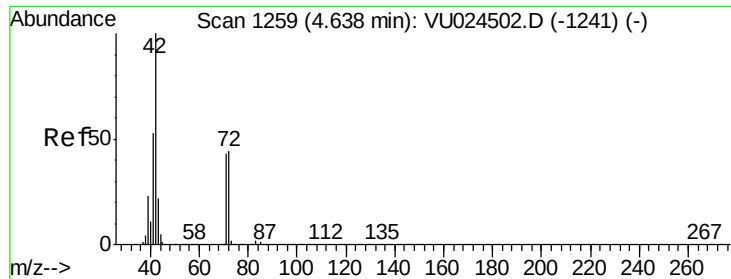
Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Tgt Ion:	49	Resp:	78715
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	82.8	57.8	86.6





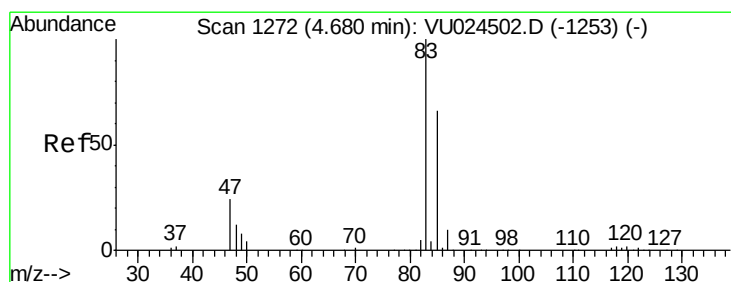
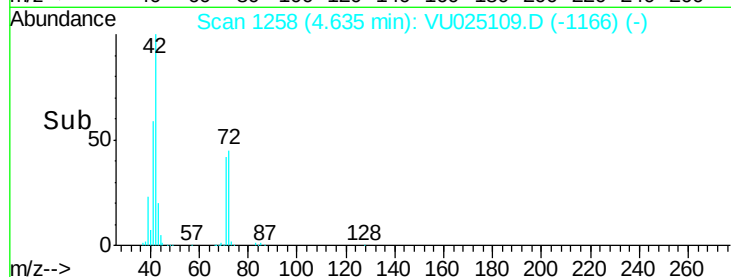
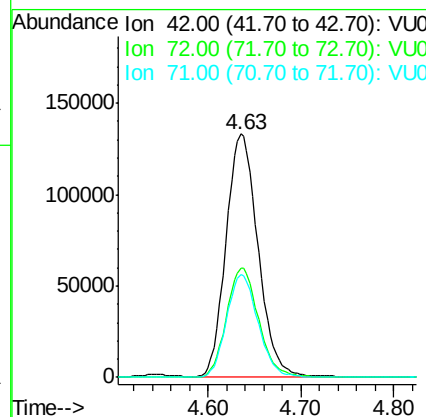
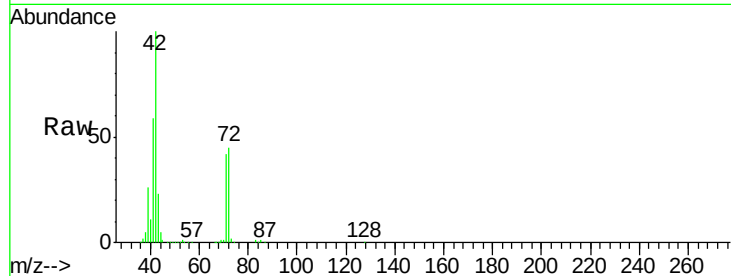
#29
Tetrahydrofuran
Concen: 260.85 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.5	51.7
71	41.8	32.2	48.4

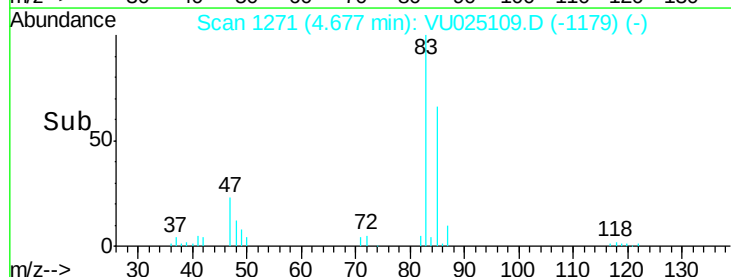
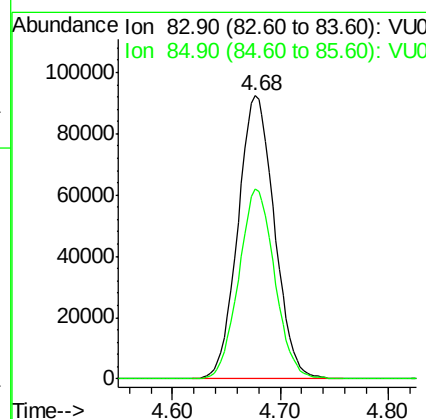
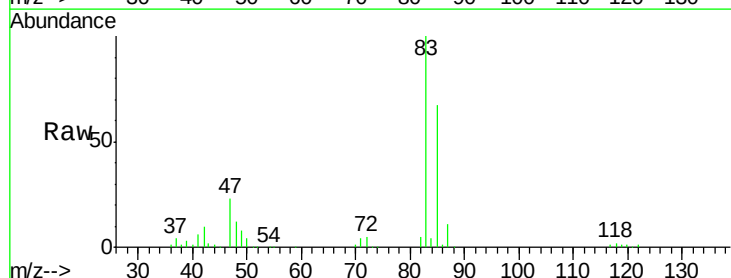
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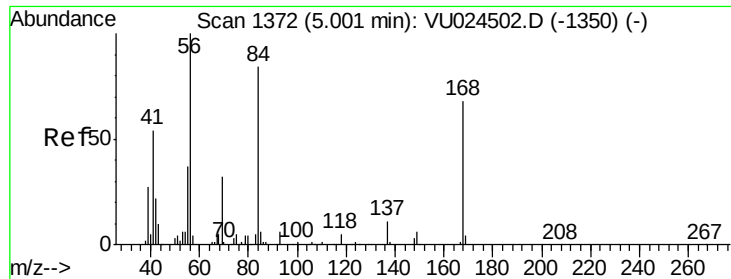
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#30
Chloroform
Concen: 53.45 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.4	78.6





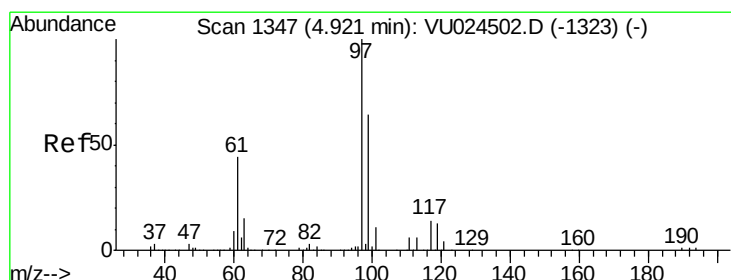
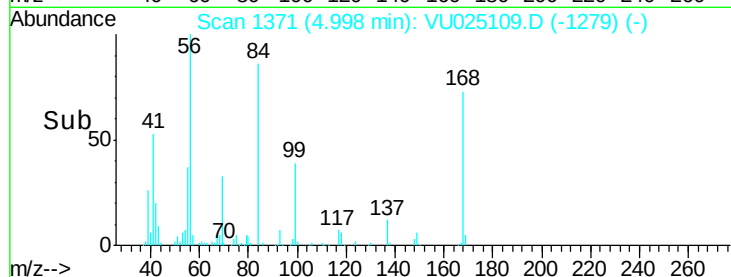
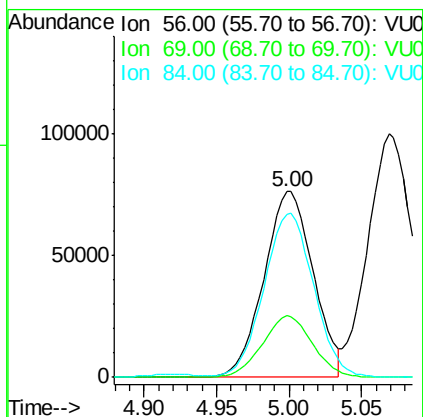
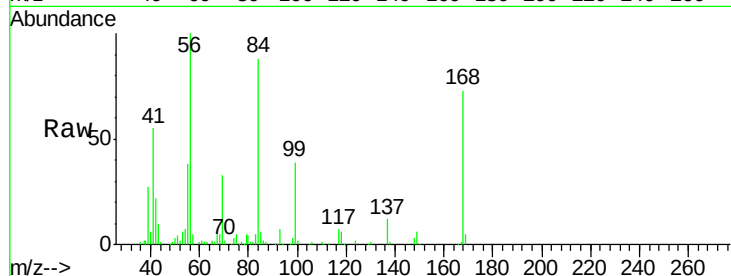
#31
Cyclohexane
Concen: 50.50 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.8	37.2
84	86.7	65.2	97.8

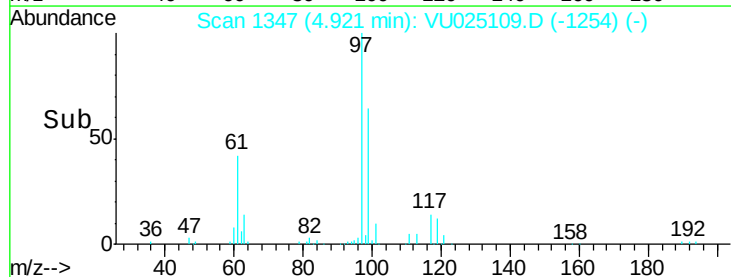
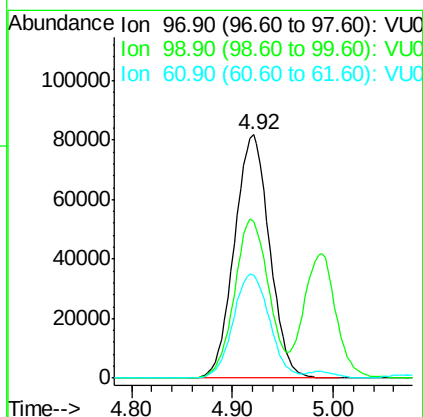
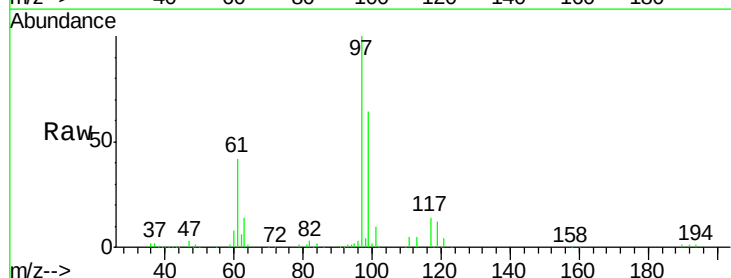
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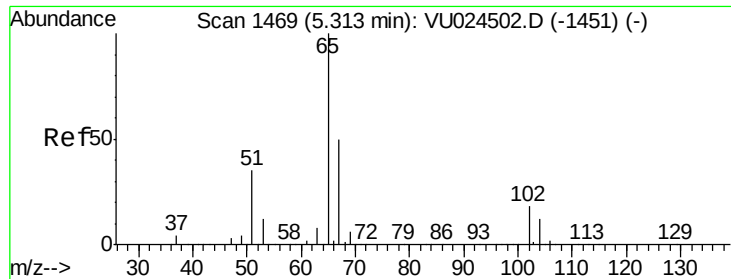
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#32
1,1,1-Trichloroethane
Concen: 52.40 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	44.1	39.4	59.0





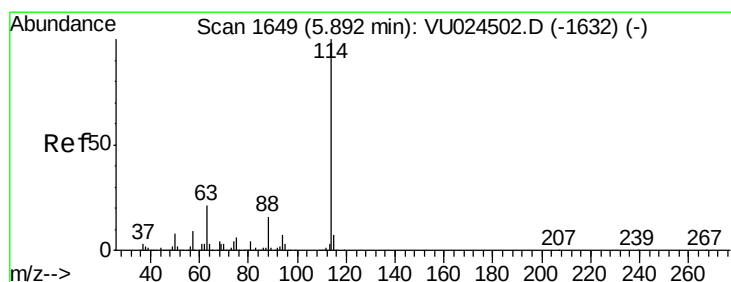
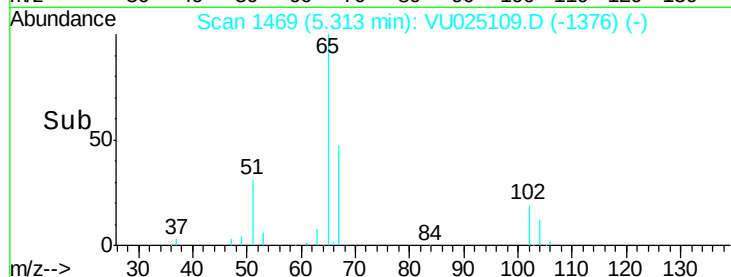
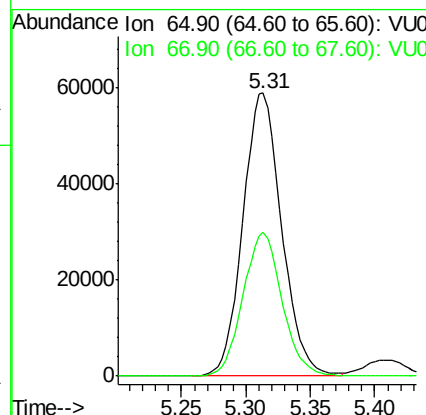
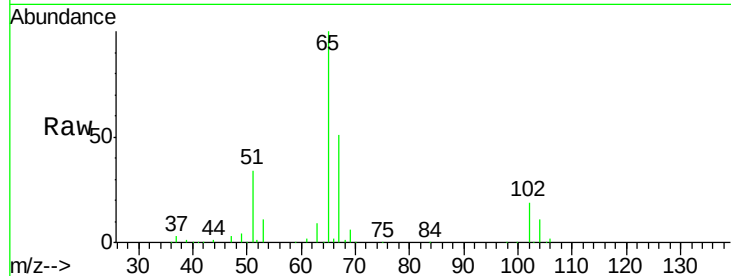
#33
 1,2-Dichloroethane-d4
 Concen: 45.27 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	107.0

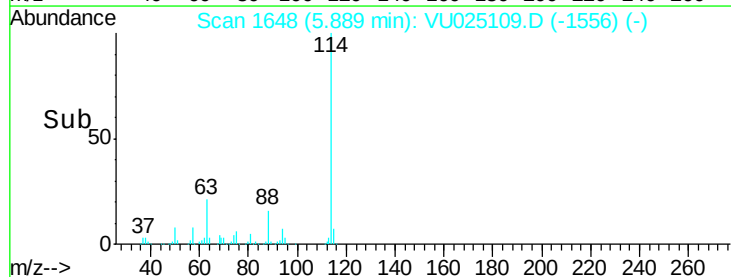
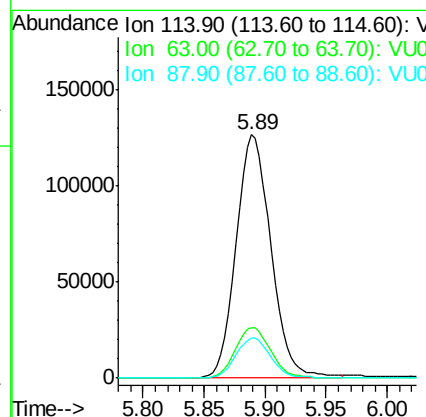
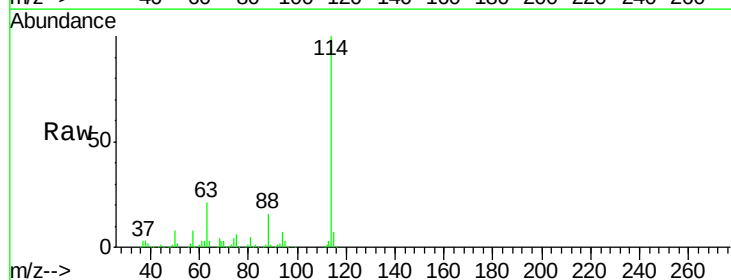
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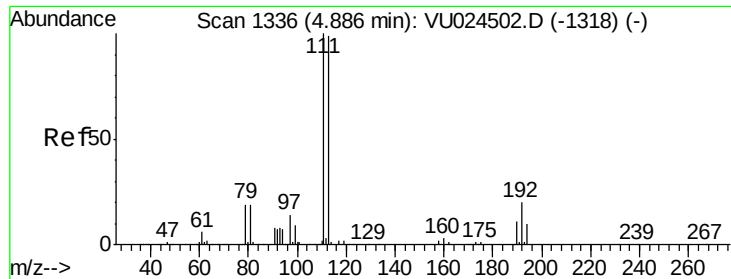
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	45.4
88	16.3	0.0	31.0





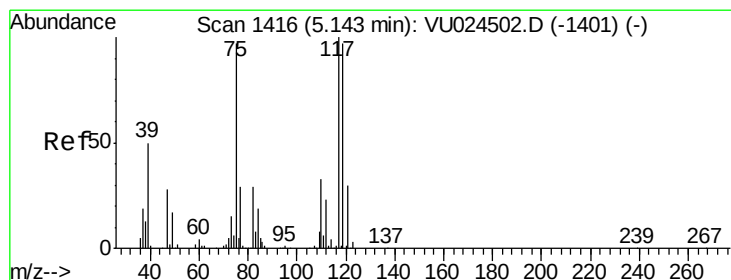
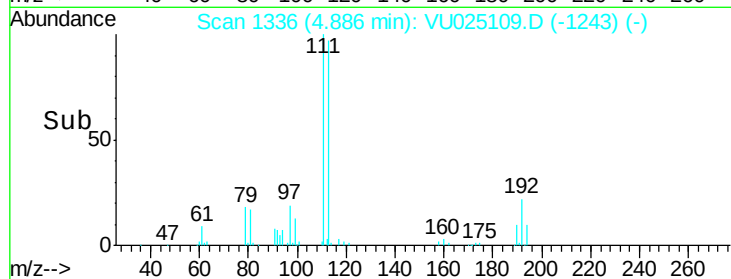
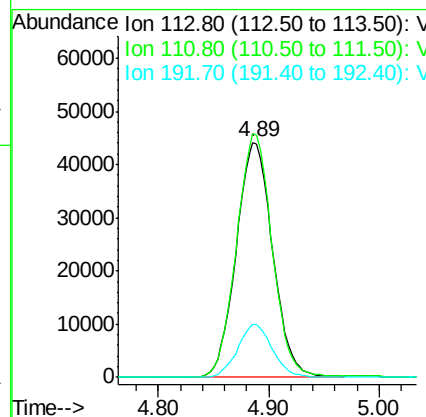
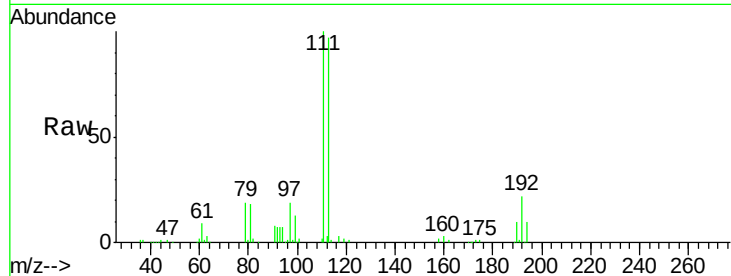
#35
 Dibromofluoromethane
 Concen: 48.48 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101209		
111	101.5	82.2	123.4	
192	21.5	16.2	24.4	

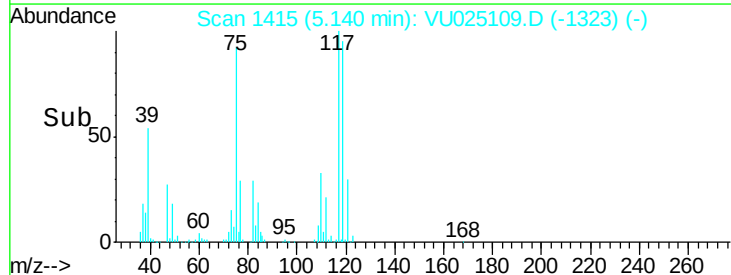
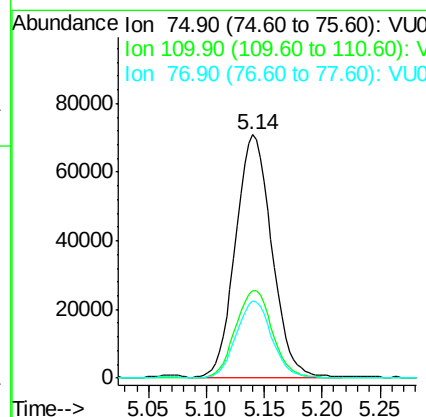
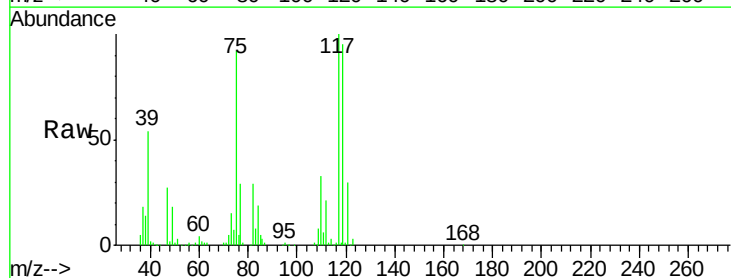
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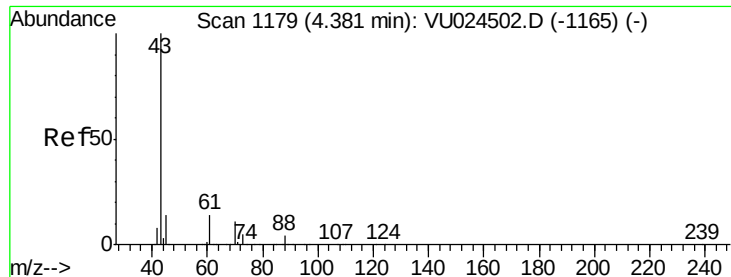
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#36
 1,1-Dichloropropene
 Concen: 51.79 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	153086		
110	37.2	17.0	50.9	
77	30.8	24.2	36.4	





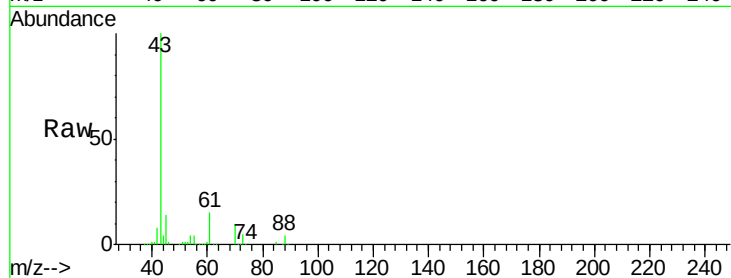
#37
Ethyl Acetate
Concen: 55.92 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

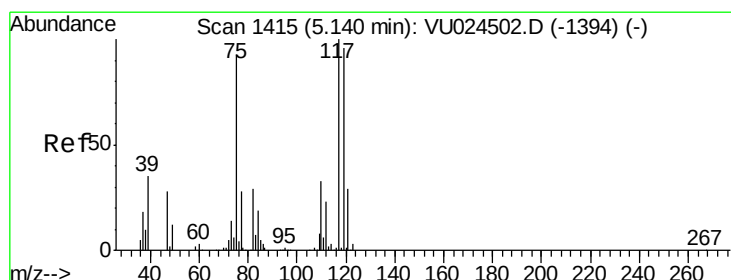
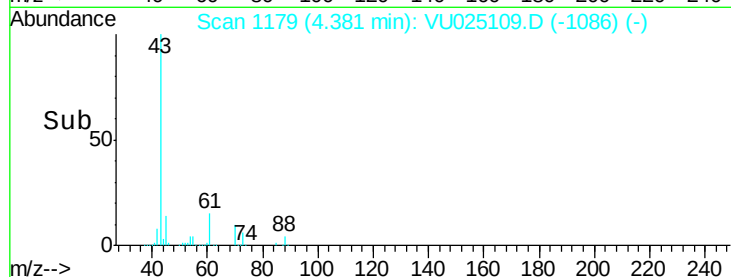
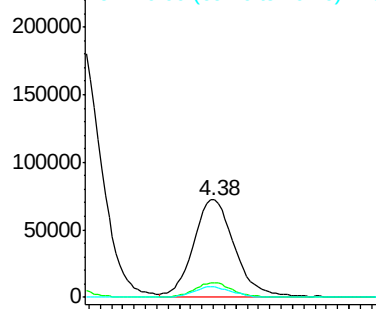
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.5	15.7
70	10.5	7.4	11.2

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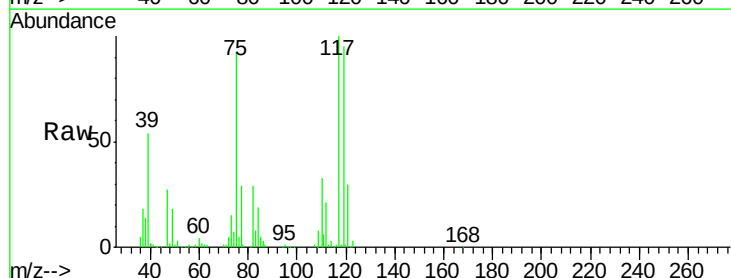


Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1165) (-)
Ion 60.90 (60.60 to 61.60): VU024502.D (-1165) (-)
Ion 70.00 (69.70 to 70.70): VU024502.D (-1165) (-)

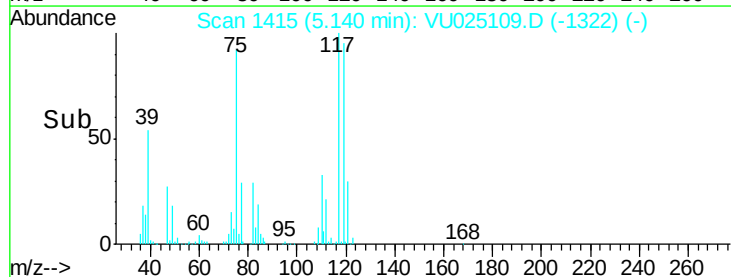
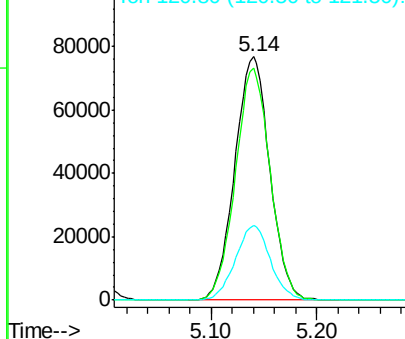


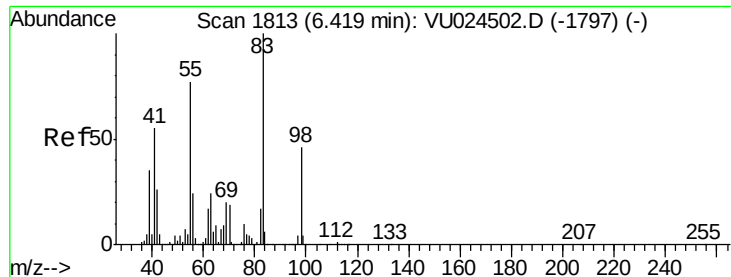
#38
Carbon Tetrachloride
Concen: 54.33 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.1	114.1
121	30.4	23.7	35.5



Abundance Ion 116.80 (116.50 to 117.50): VU024502.D (-1394) (-)
Ion 118.80 (118.50 to 119.50): VU024502.D (-1394) (-)
Ion 120.80 (120.50 to 121.50): VU024502.D (-1394) (-)





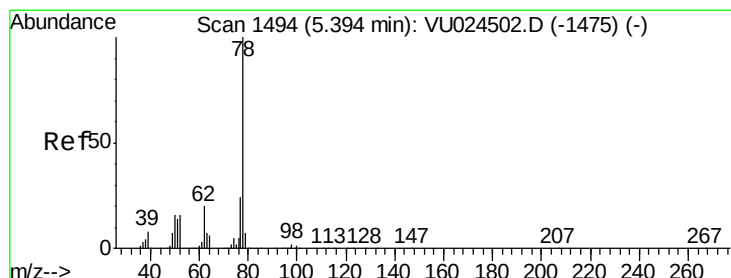
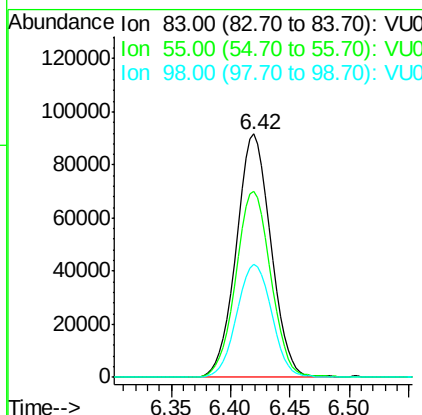
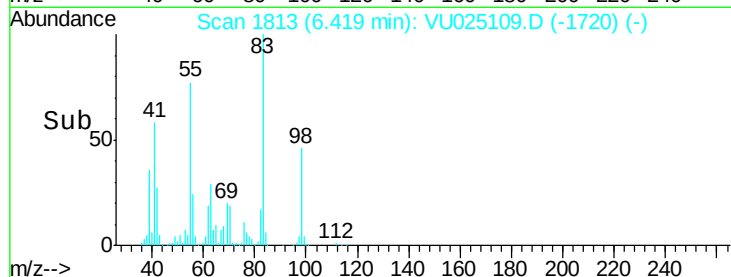
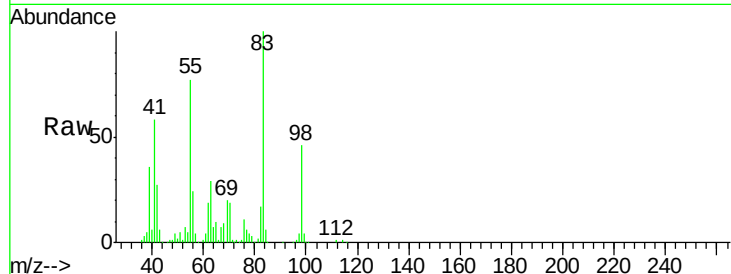
#39
Methylvlcyclohexane
Concen: 50.13 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	65.8	98.6
98	46.4	36.7	55.1

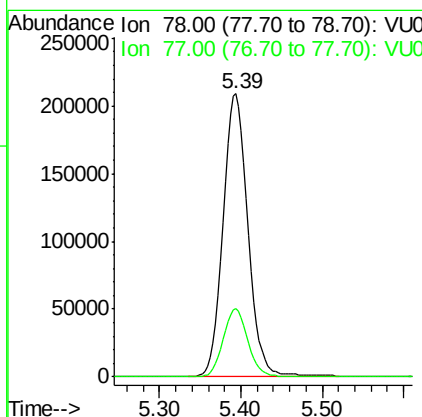
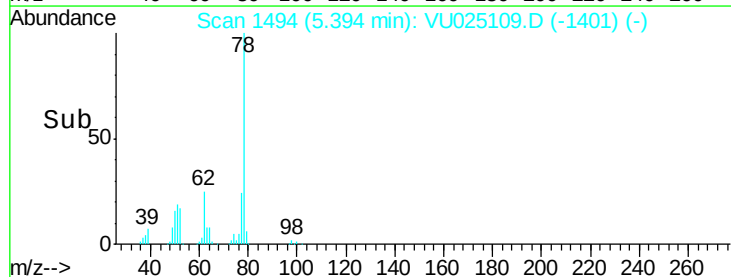
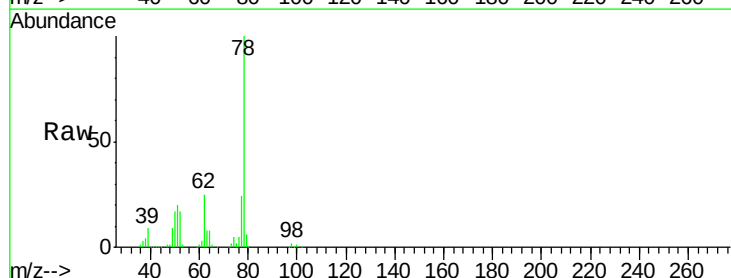
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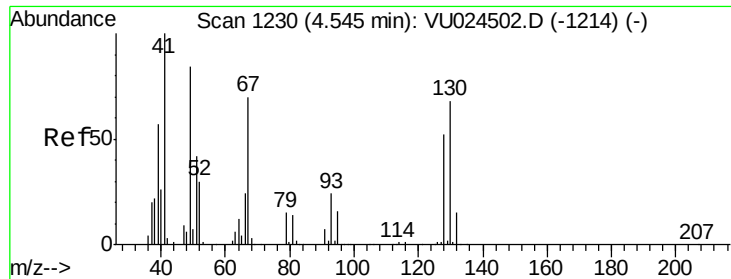
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#40
Benzene
Concen: 53.83 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





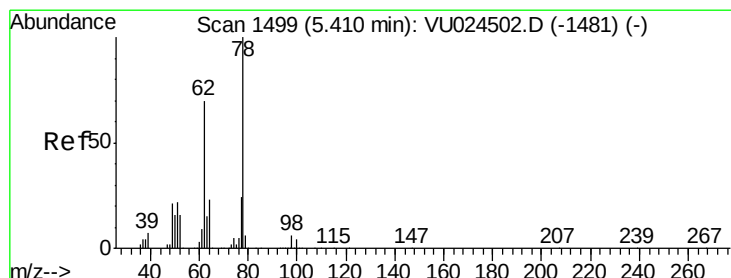
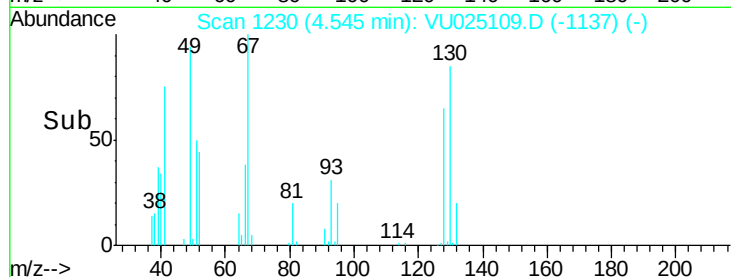
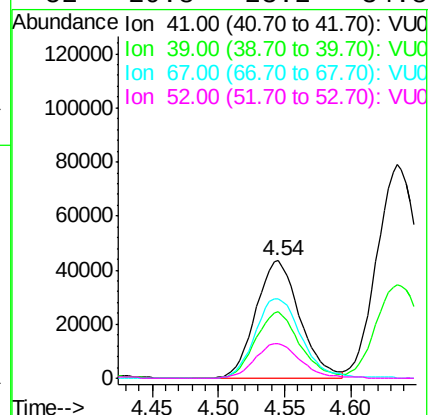
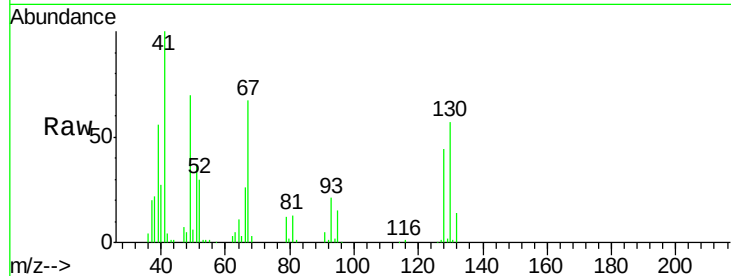
#41
Methacrylonitrile
Concen: 58.17 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.7	43.8	65.6	
67	71.5	56.3	84.5	
52	29.8	23.2	34.8	

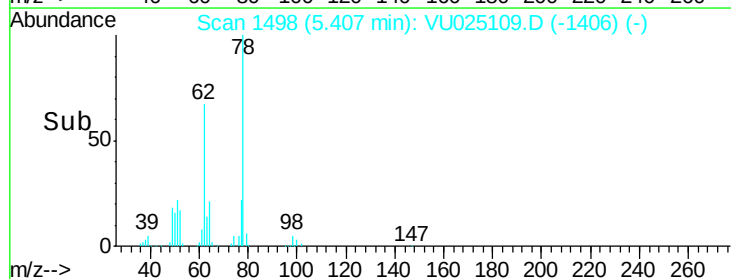
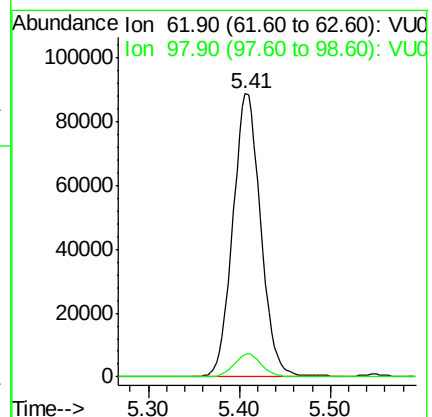
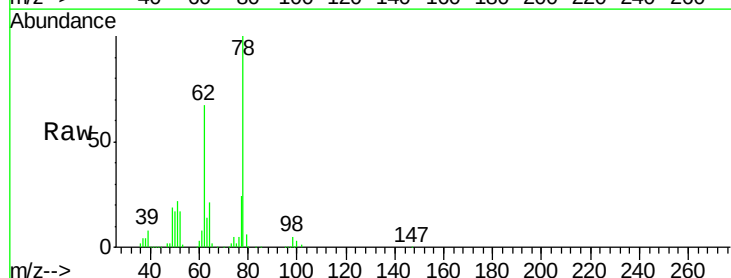
Manual Integrations
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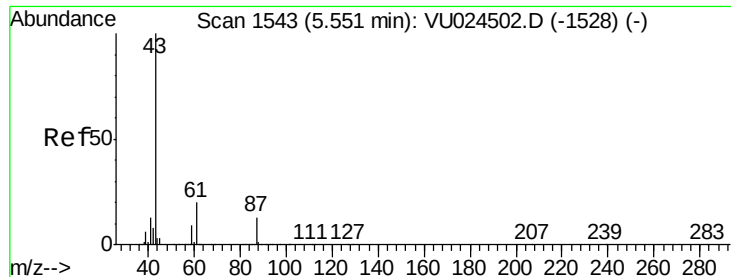
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#42
1,2-Dichloroethane
Concen: 58.91 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.9	0.0	16.6	





#43

Isopropyl Acetate

Concen: 51.55 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

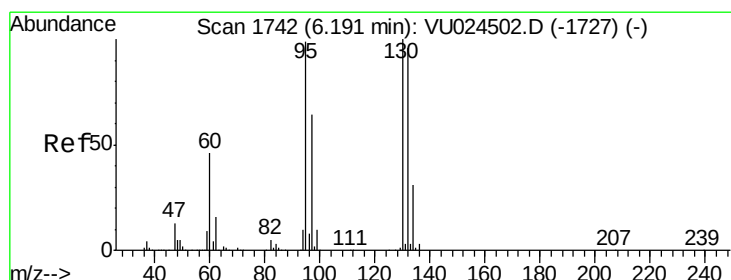
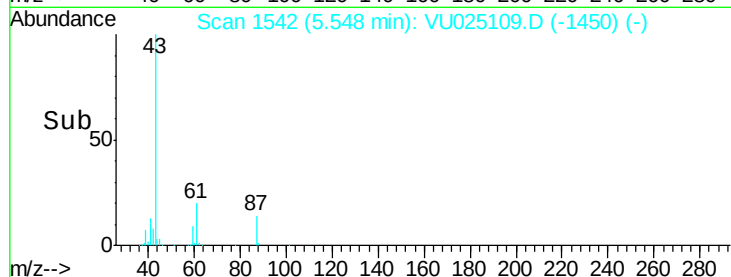
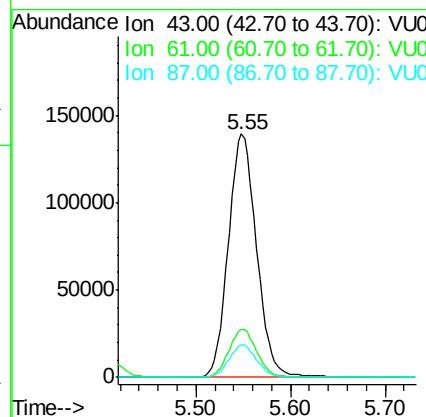
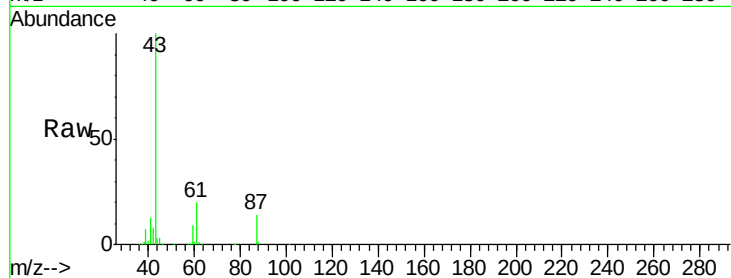
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	287090
Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.4	23.0
87	13.3	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 52.98 ug/l

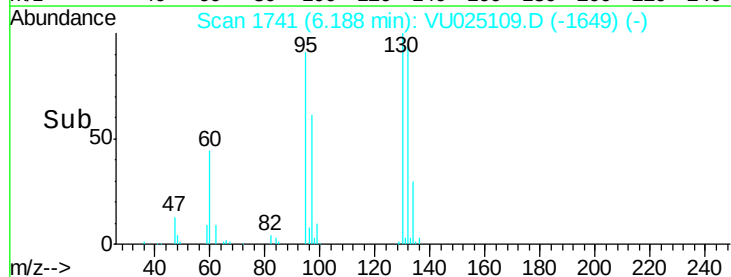
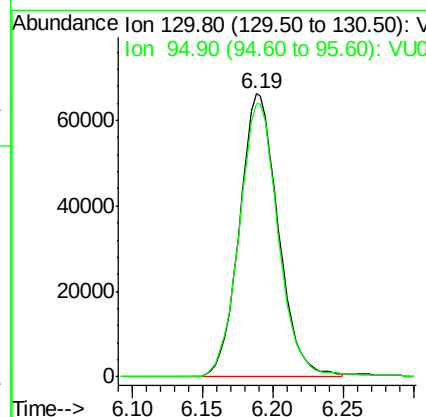
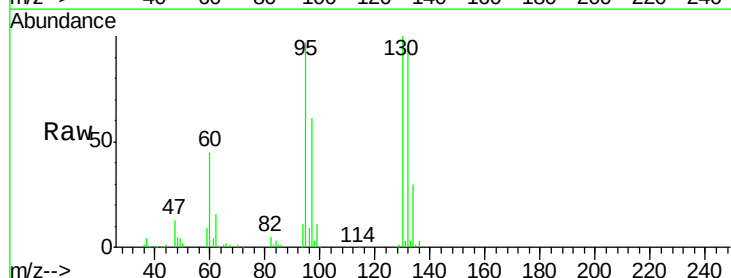
RT: 6.19 min Scan# 1741

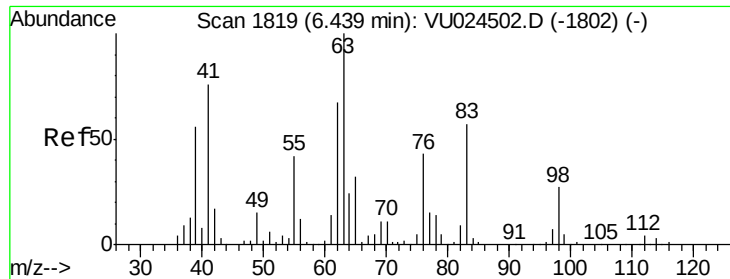
Delta R.T. -0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Tgt Ion:	130	Resp:	127007
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	202.4





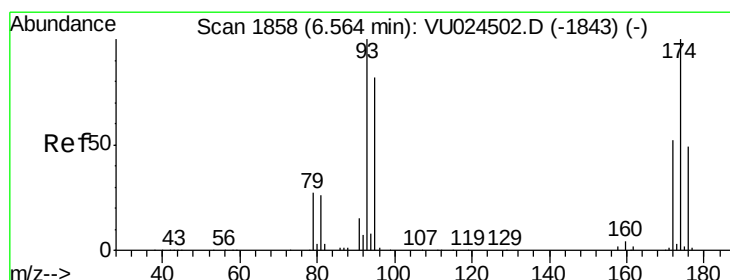
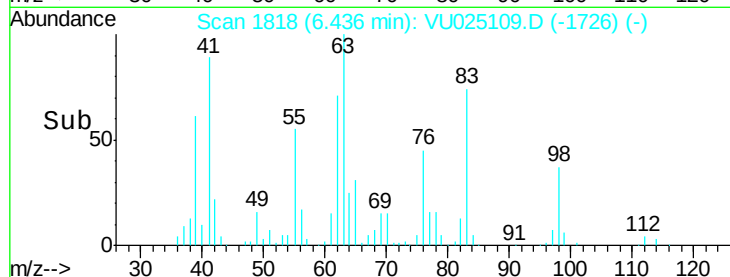
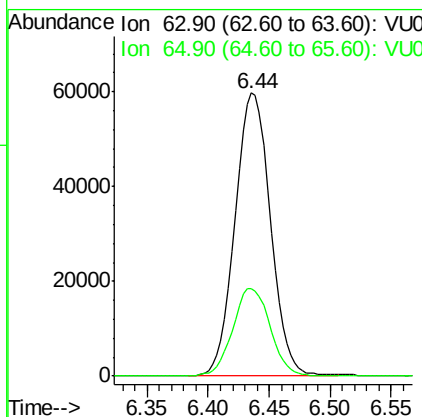
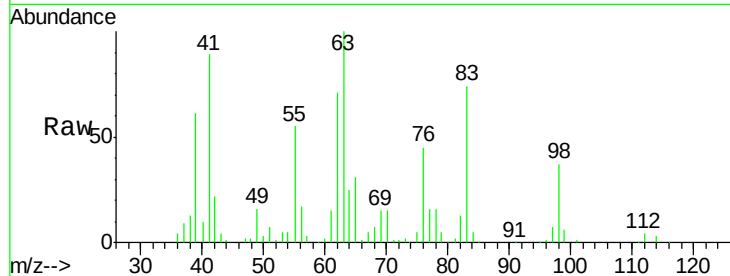
#45
 1,2-Dichloropropane
 Concen: 53.52 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 120278
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.8 37.2

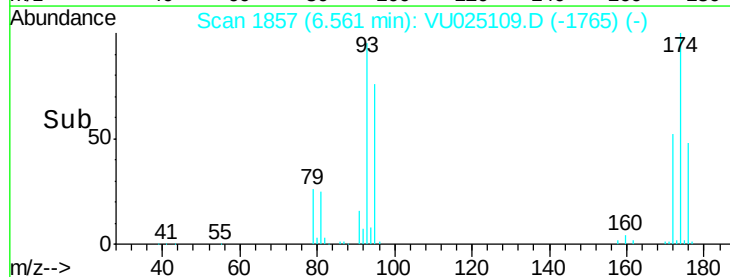
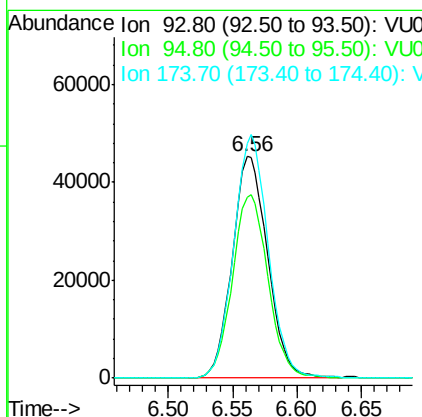
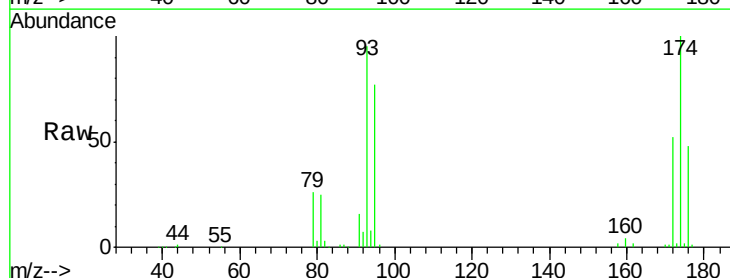
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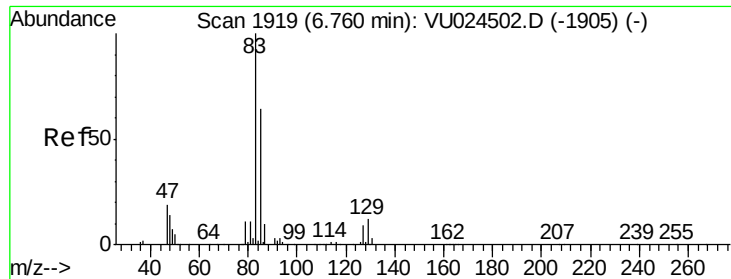
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#46
 Dibromomethane
 Concen: 55.00 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Tgt Ion: 93 Resp: 86821
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.5 98.3
 174 106.9 78.7 118.1





#47

Bromodichloromethane

Concen: 53.81 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

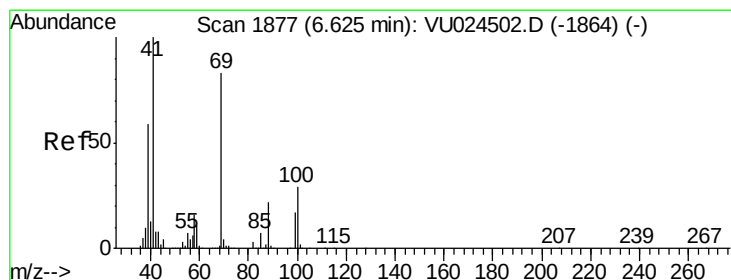
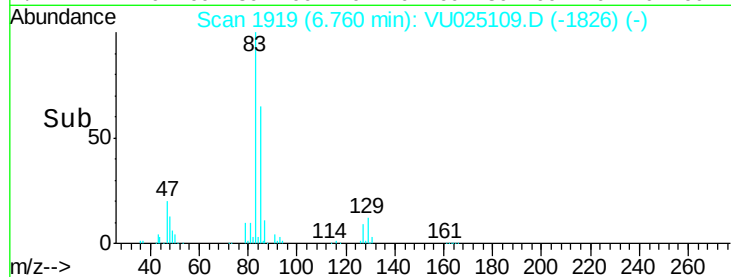
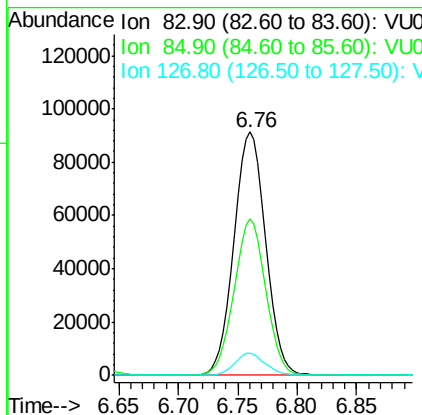
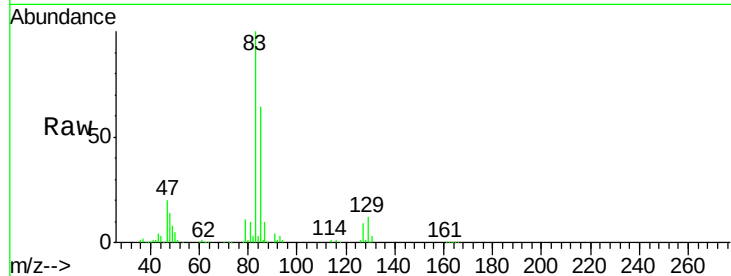
VSTDCCC050

Tot Ion:	83	Resp:	169158
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.9	77.9
127	9.1	6.6	9.8

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#48

Methyl methacrylate

Concen: 55.64 ug/l

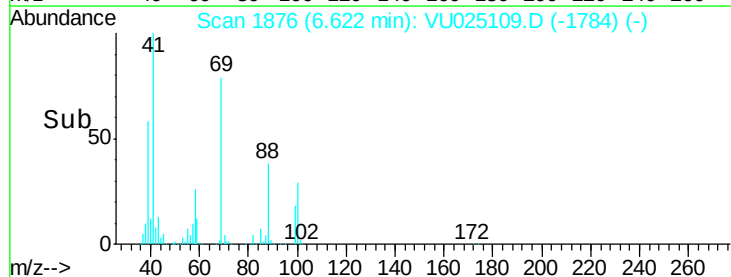
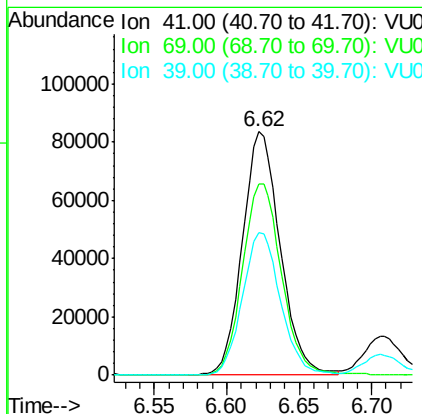
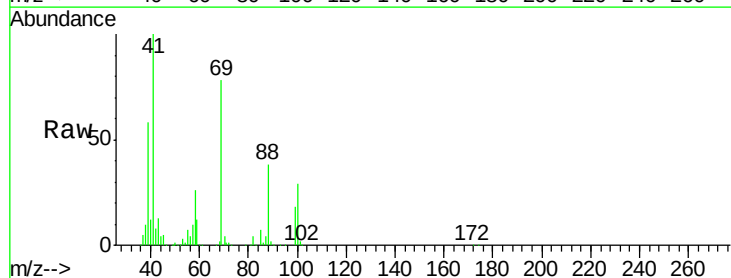
RT: 6.62 min Scan# 1876

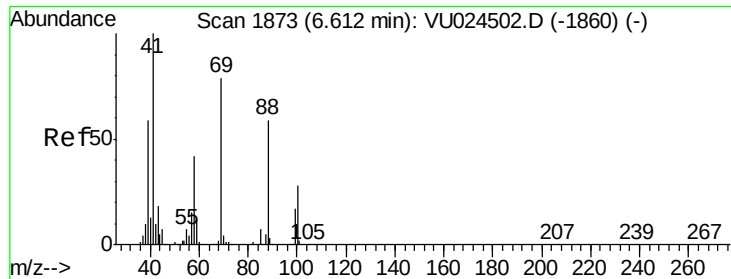
Delta R.T. -0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Tgt Ion:	41	Resp:	150878
Ion	Ratio	Lower	Upper
41	100		
69	81.7	67.3	100.9
39	59.2	46.5	69.7





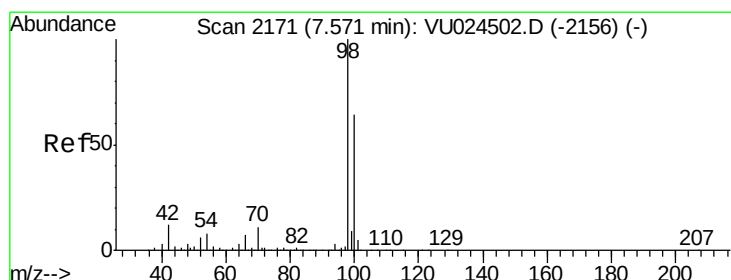
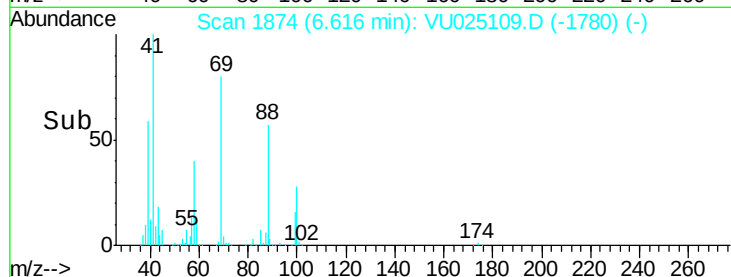
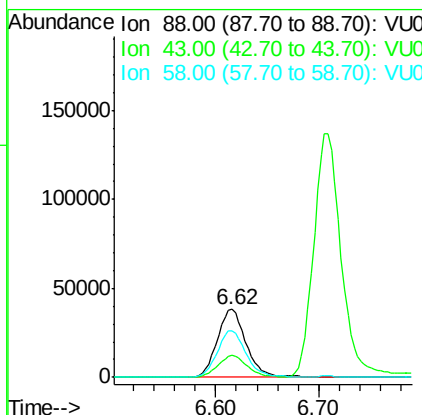
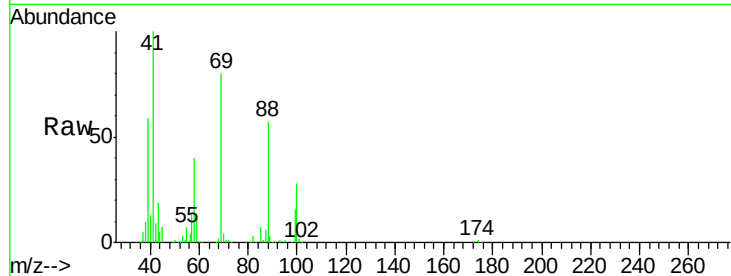
#49
 1,4-Dioxane
 Concen: 1381.23 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	28.6	42.8
58	70.2	58.2	87.4

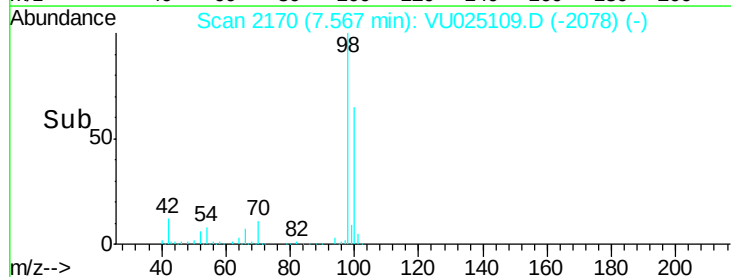
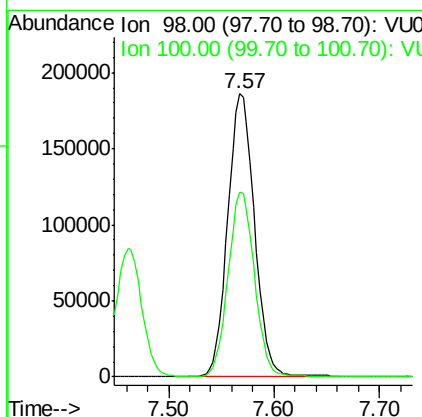
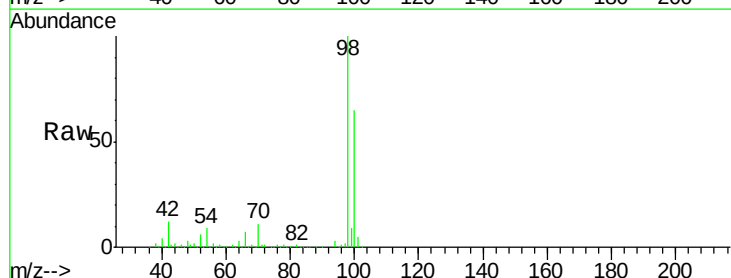
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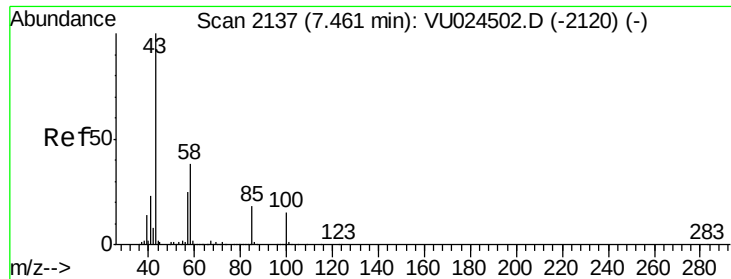
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#50
 Toluene-d8
 Concen: 42.99 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 272.99 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 955182

Ion Ratio Lower Upper

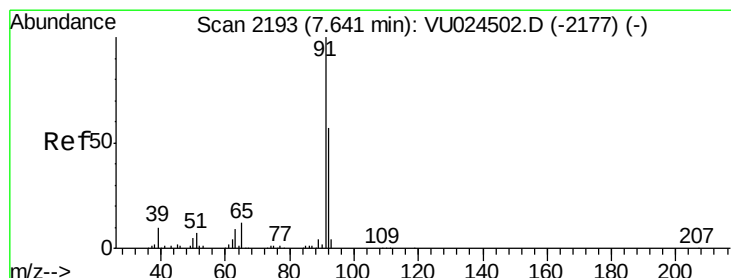
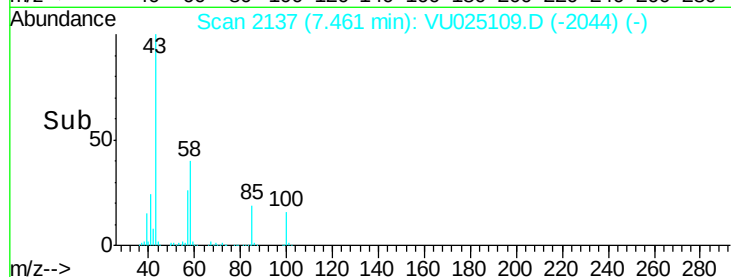
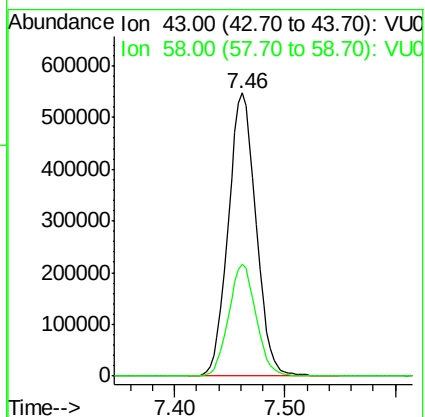
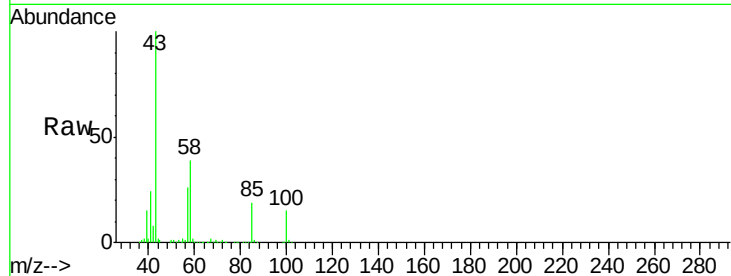
43 100

58 39.1 30.0 45.0

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#52

Toluene

Concen: 54.05 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025109.D

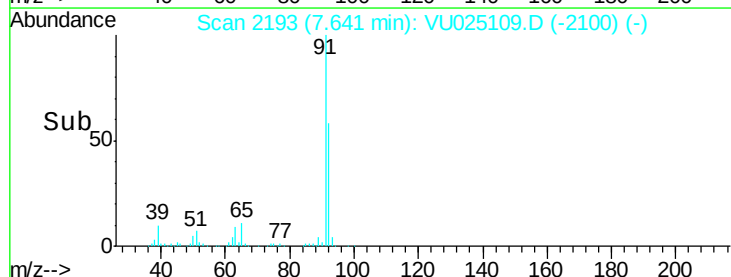
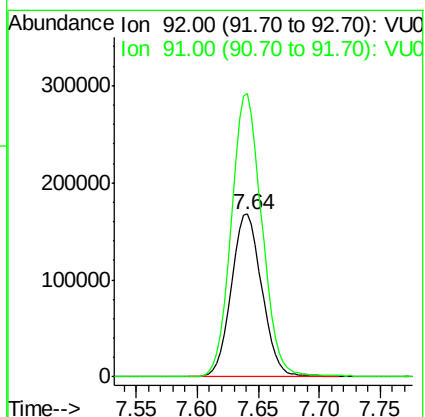
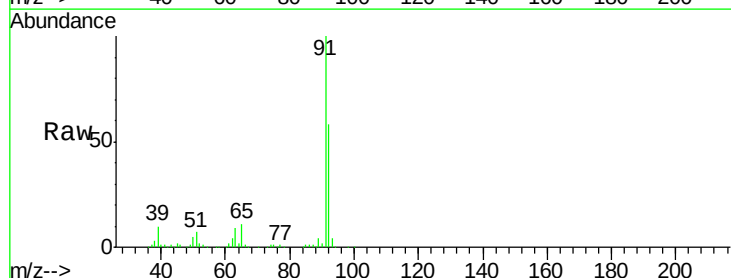
Acq: 01 Jul 2018 00:04

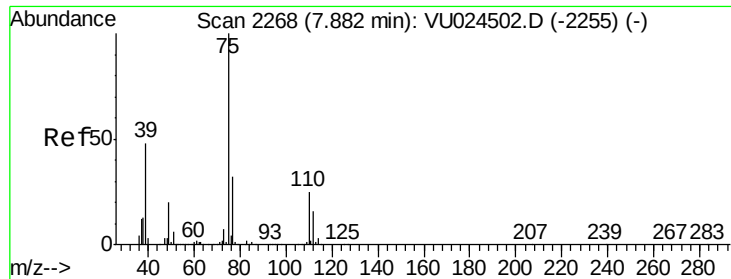
Tgt Ion: 92 Resp: 292921

Ion Ratio Lower Upper

92 100

91 174.7 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 49.15 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 173506

Ion Ratio Lower Upper

75 100

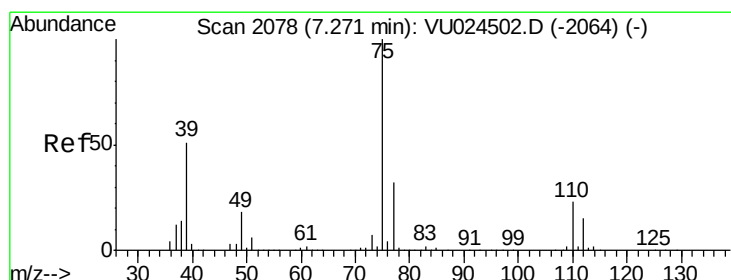
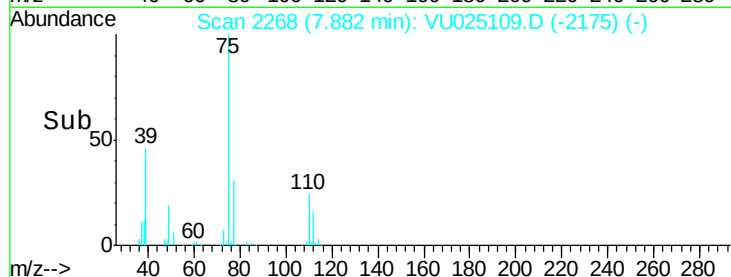
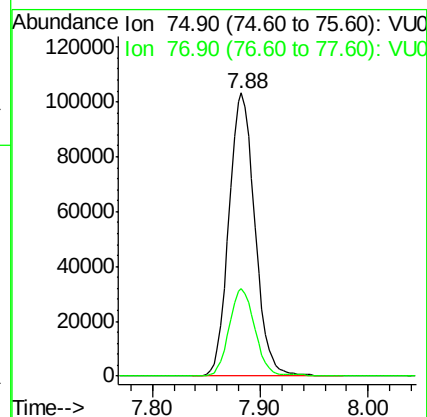
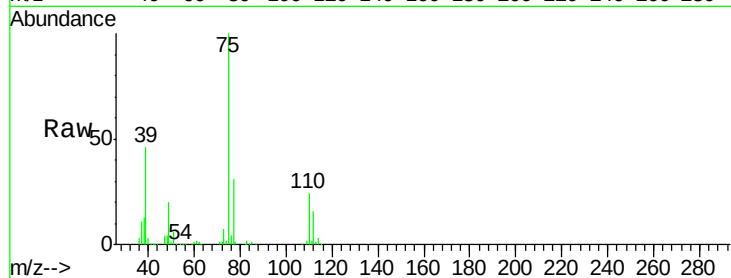
77 30.9 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 48.28 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

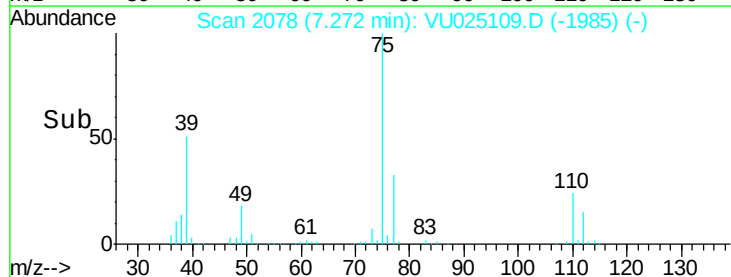
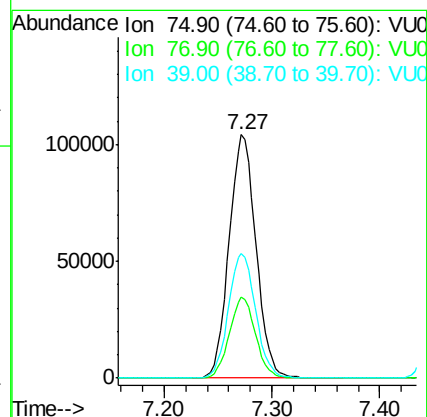
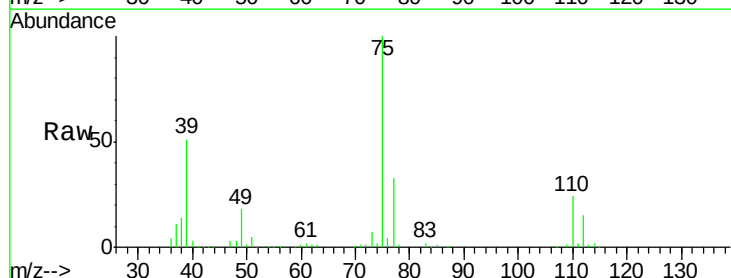
Tgt Ion: 75 Resp: 181631

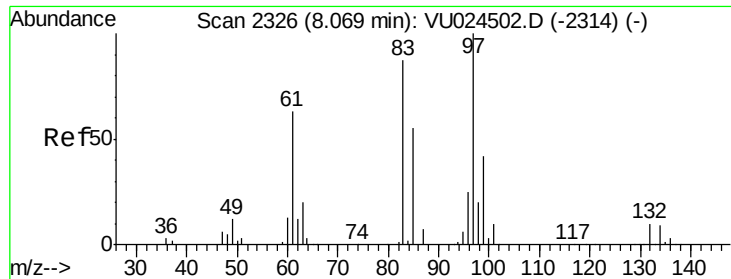
Ion Ratio Lower Upper

75 100

77 33.3 24.6 36.8

39 51.4 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 55.03 ug/l

RT: 8.07 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

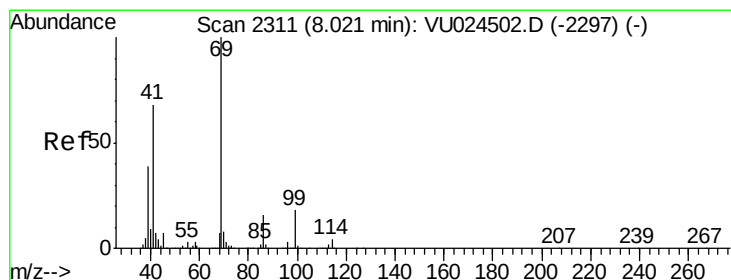
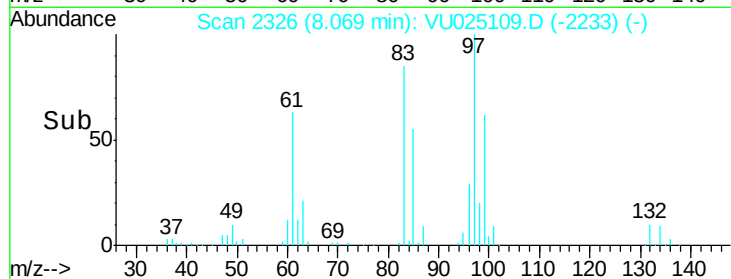
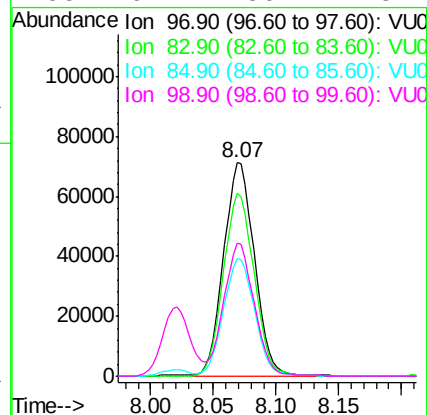
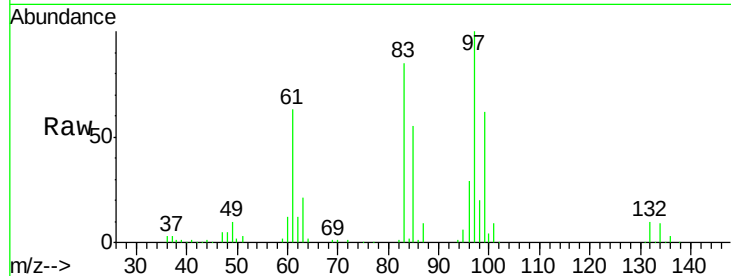
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		121218		
83	85.4	70.5	105.7		
85	54.8	46.4	69.6		
99	62.2	50.2	75.2		

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#56

Ethyl methacrylate

Concen: 52.29 ug/l

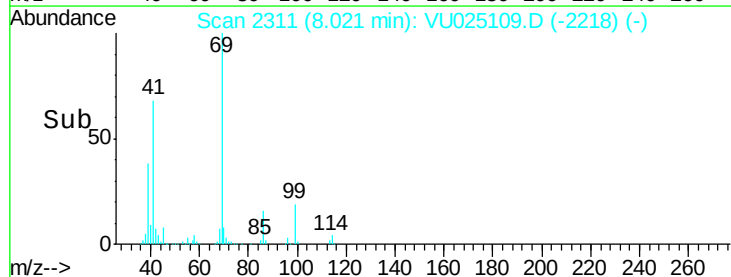
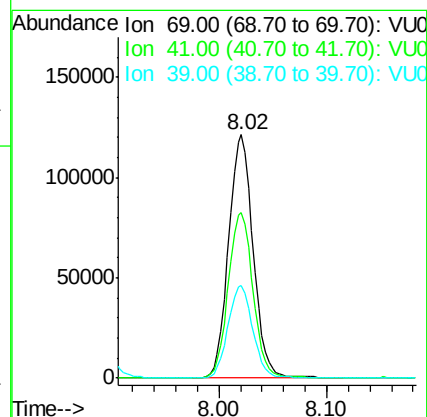
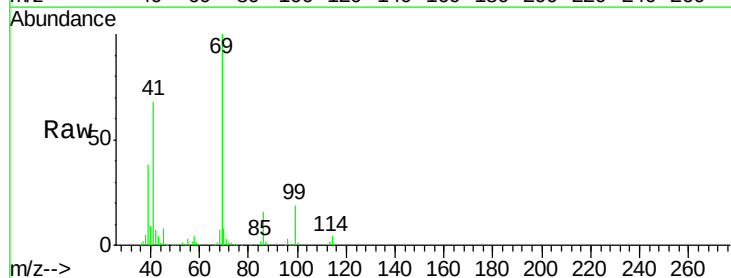
RT: 8.02 min Scan# 2311

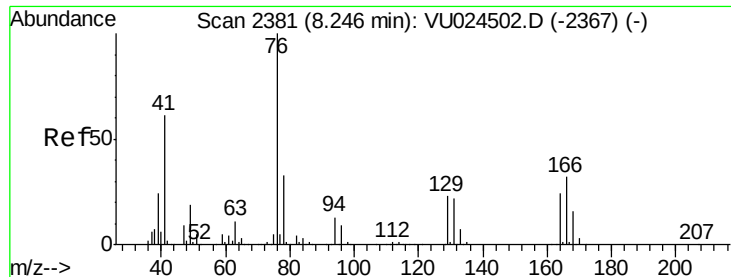
Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		192776		
41	68.8	54.1	81.1		
39	38.1	30.3	45.5		





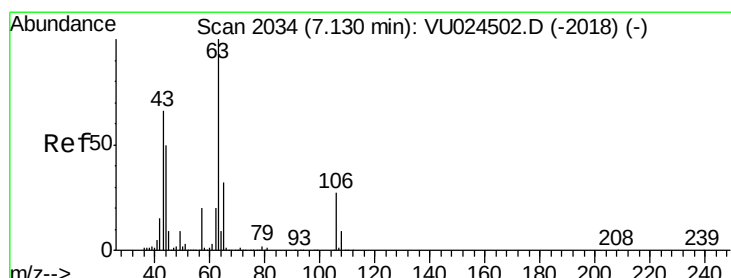
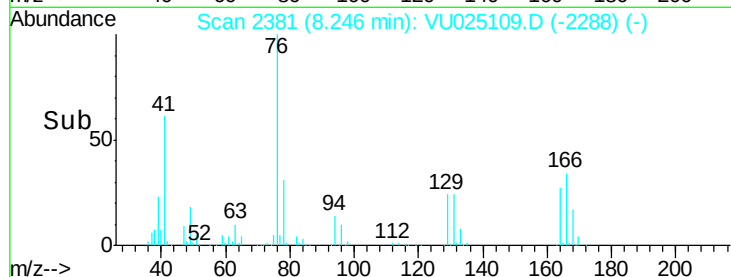
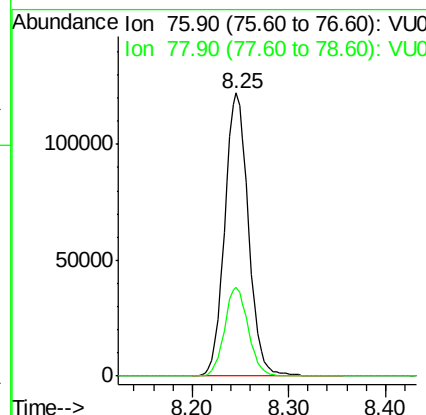
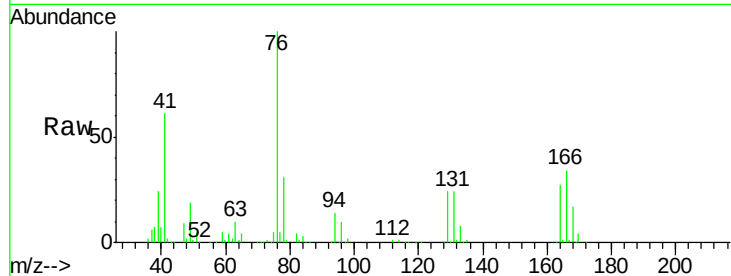
#57
 1,3-Dichloropropane
 Concen: 55.80 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 207339
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.2 37.8

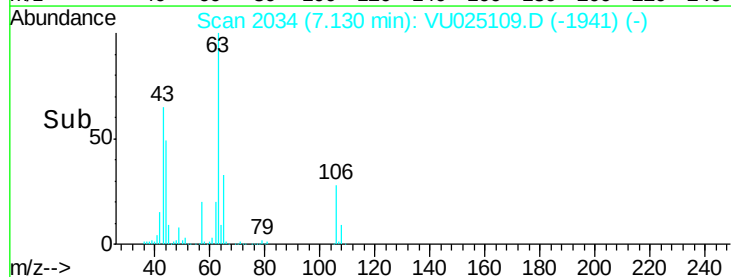
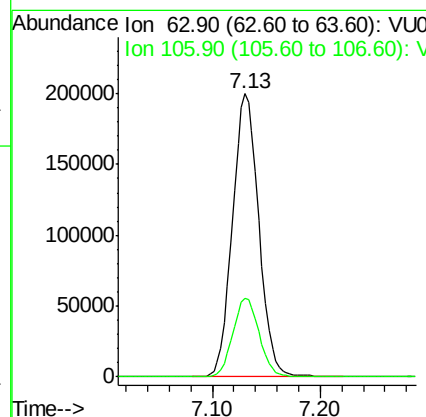
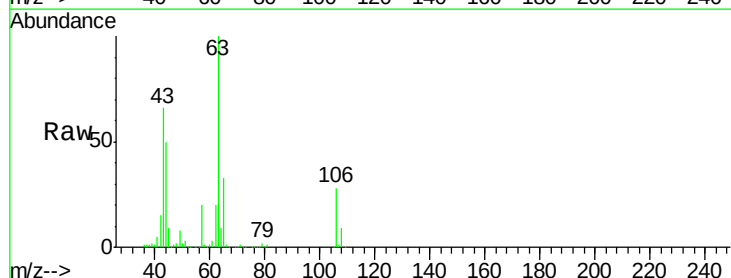
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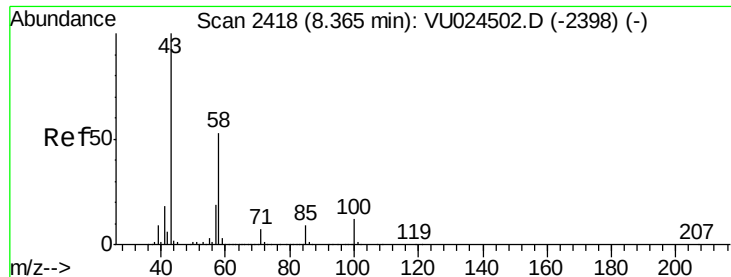
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.90 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Tgt Ion: 63 Resp: 340271
 Ion Ratio Lower Upper
 63 100
 106 27.8 20.2 30.2





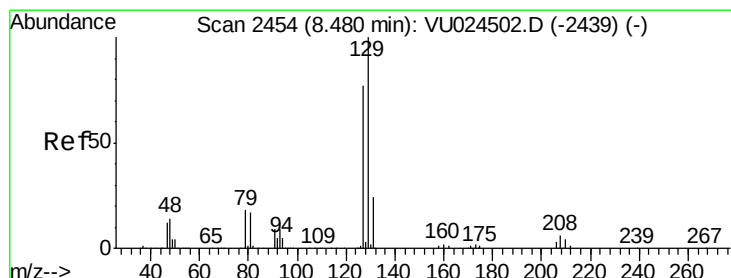
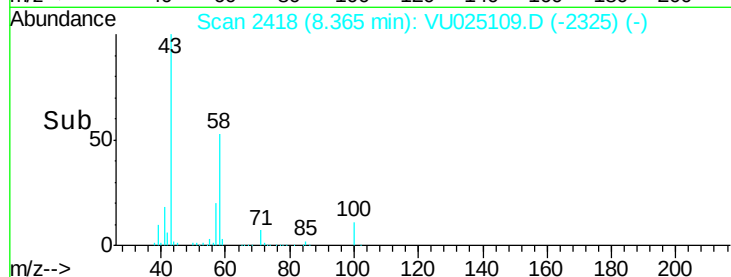
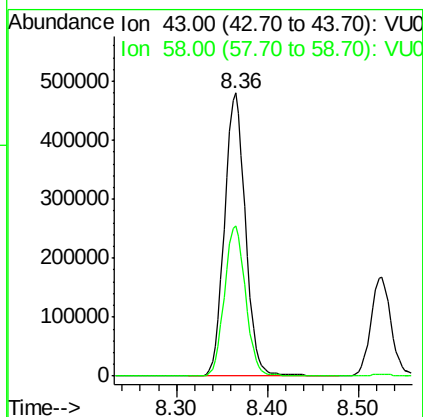
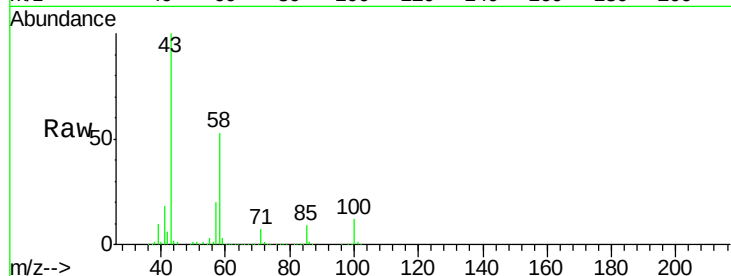
#59
2-Hexanone
Concen: 269.78 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 770631
Ion Ratio Lower Upper
43 100
58 53.7 26.4 79.0

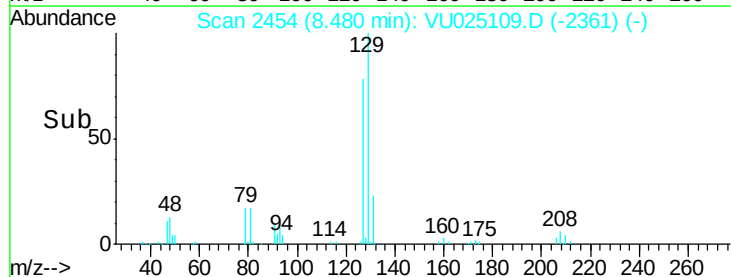
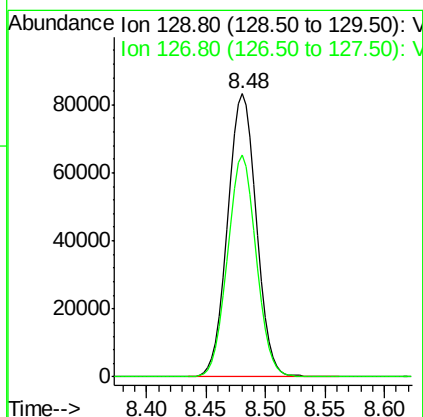
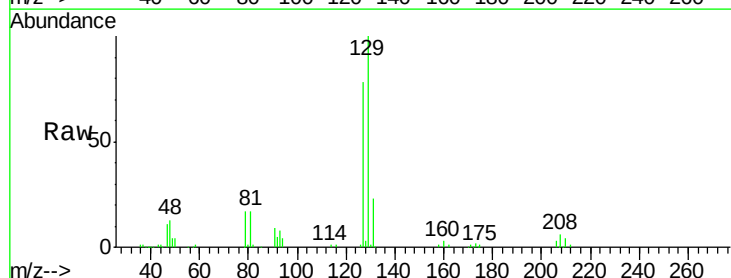
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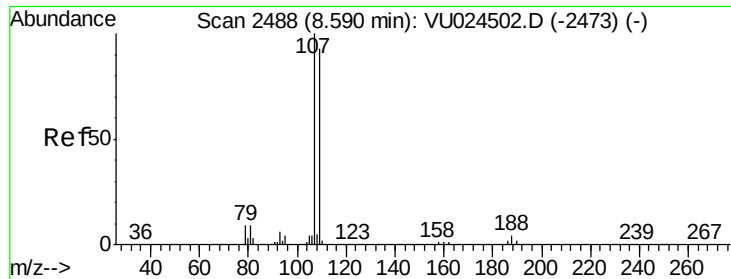
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#60
Dibromochloromethane
Concen: 50.77 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion: 129 Resp: 139469
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 54.86 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 134518

Ion Ratio Lower Upper

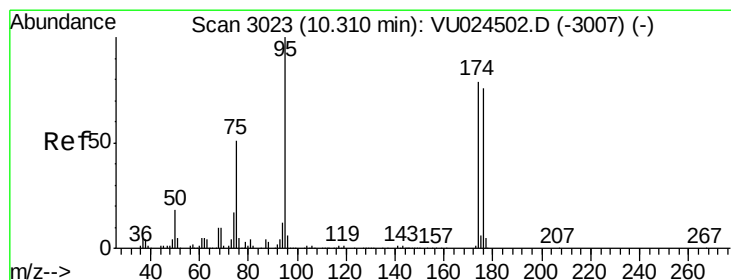
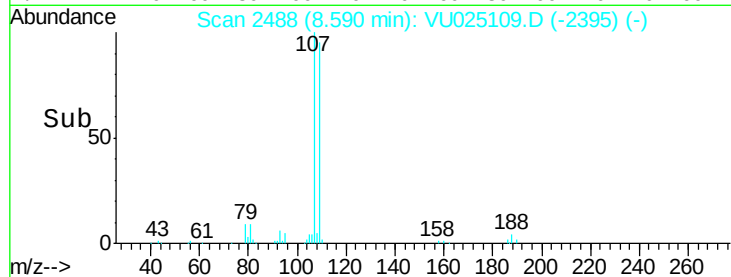
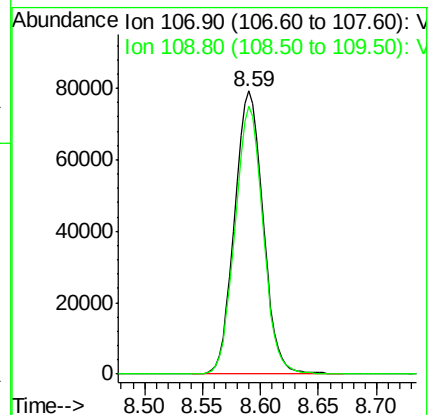
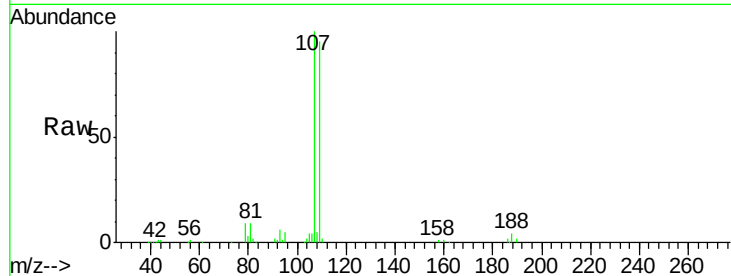
107 100

109 93.0 74.5 111.7

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7/2/2018 4:16:45 PM



#62

4-Bromofluorobenzene

Concen: 46.95 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

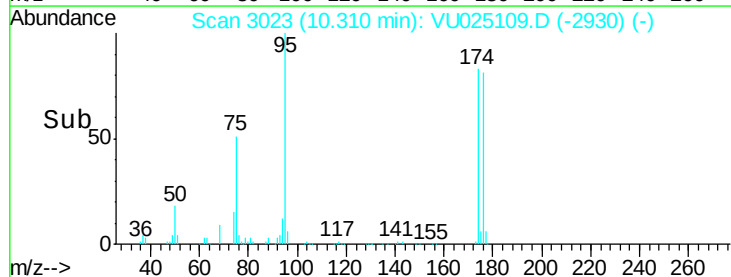
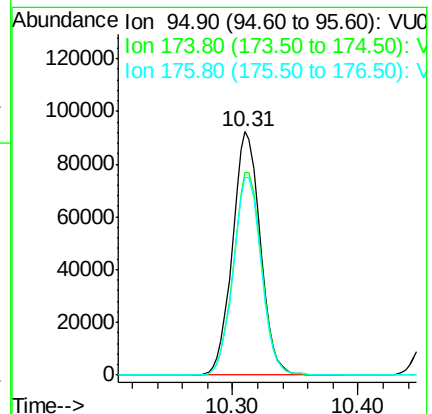
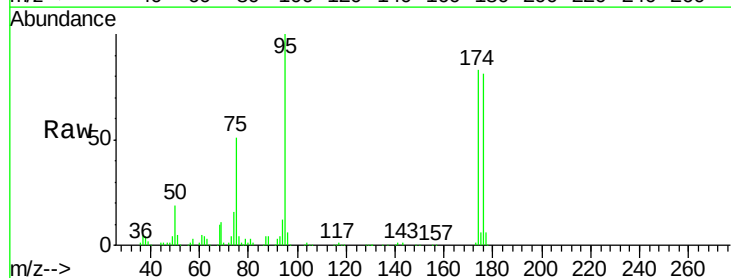
Tgt Ion: 95 Resp: 141971

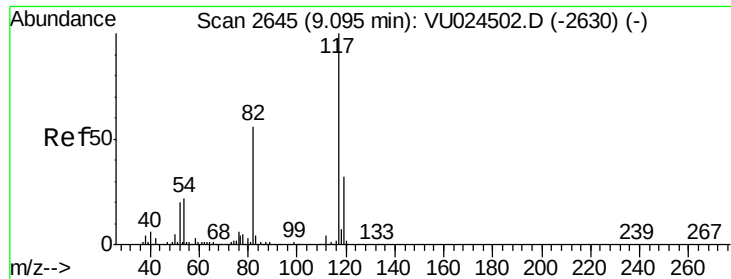
Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.8

176 81.8 0.0 159.4





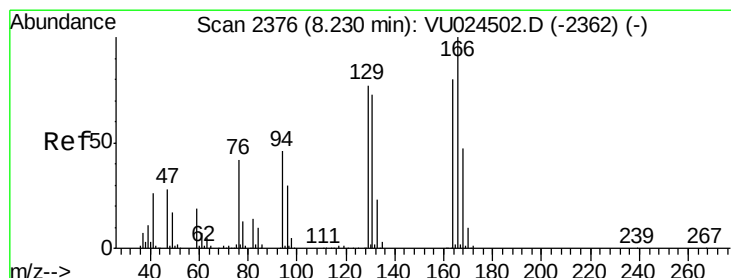
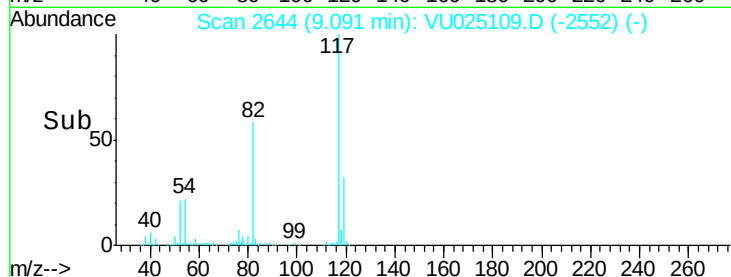
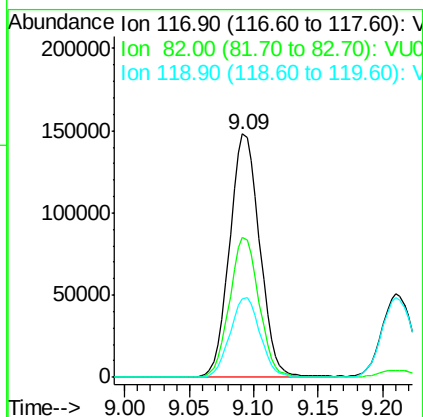
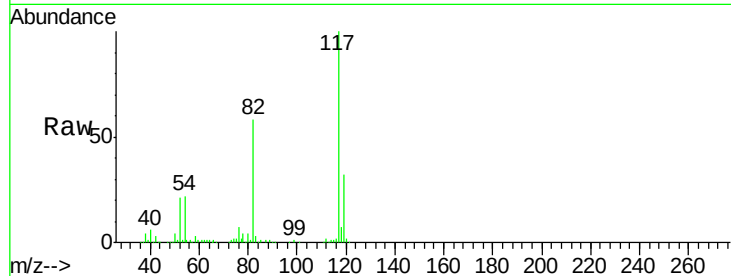
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	240654		
82	57.7	44.3	66.5	
119	32.4	25.4	38.2	

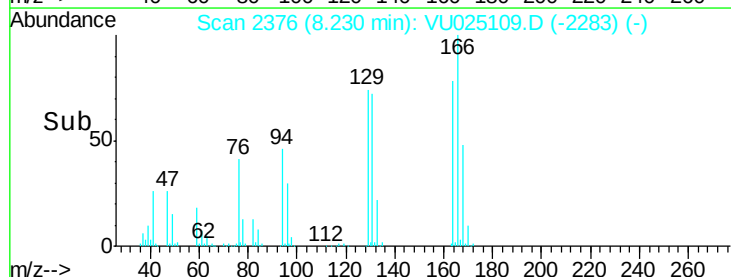
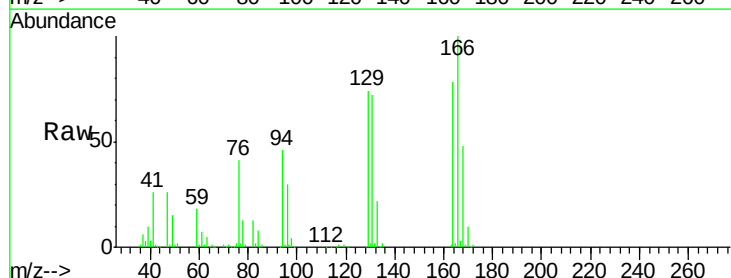
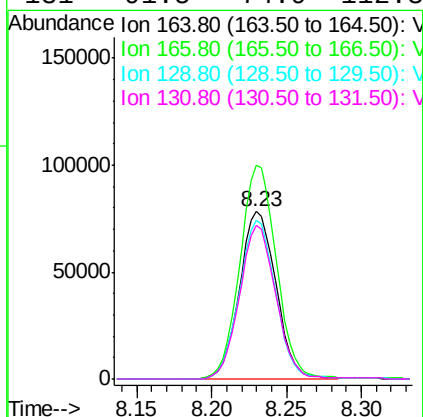
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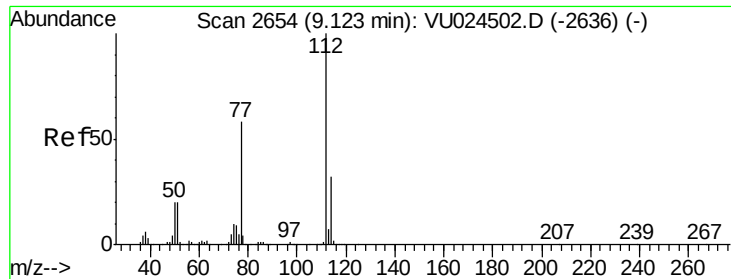
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#64
Tetrachloroethene
Concen: 58.11 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	132918		
166	127.8	101.7	152.5	
129	94.6	76.9	115.3	
131	91.5	74.9	112.3	





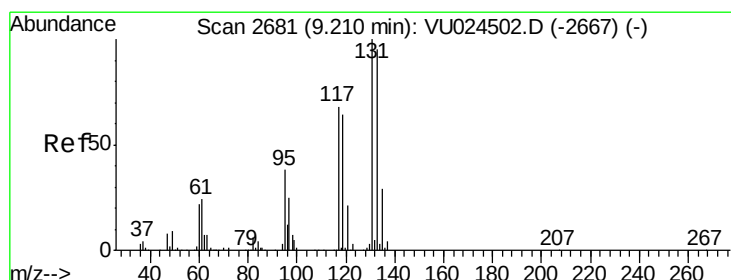
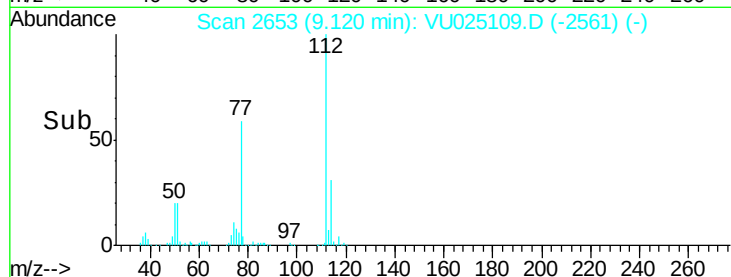
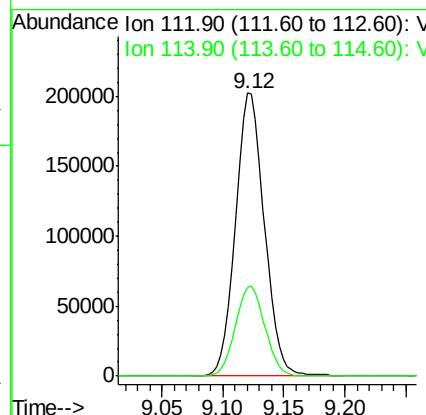
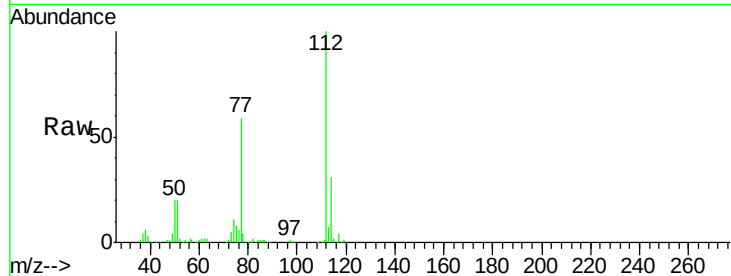
#65
Chlorobenzene
Concen: 54.41 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.6	38.4

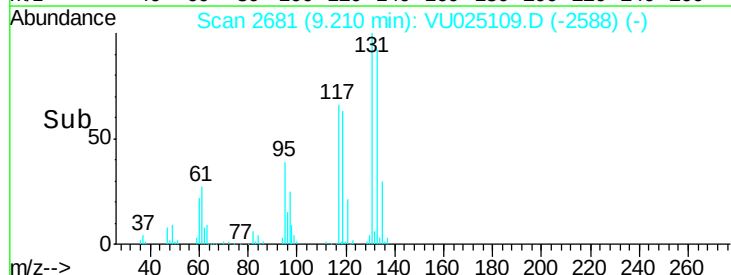
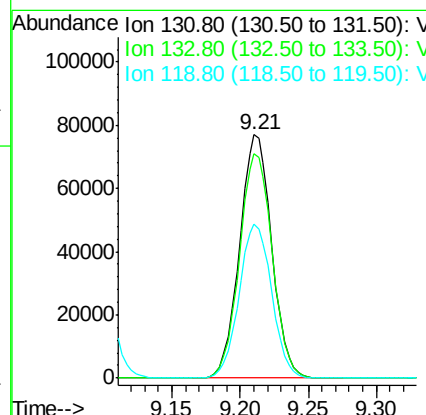
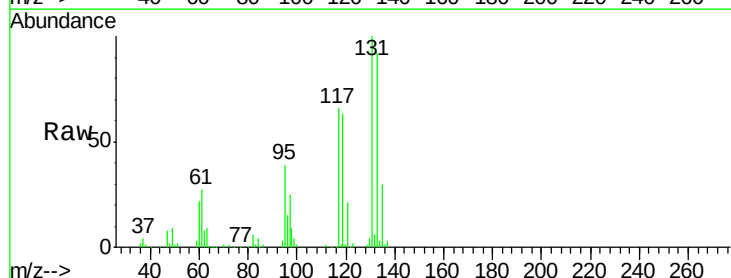
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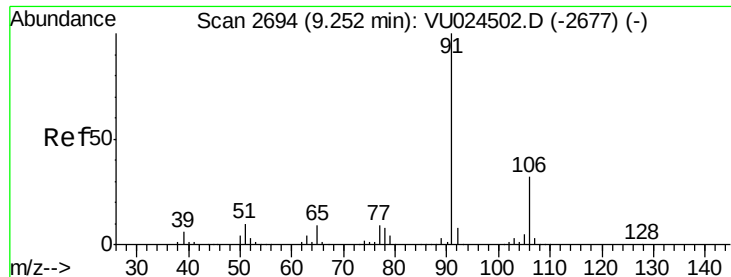
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.78 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.0	46.9	140.8
119	64.2	33.5	100.4





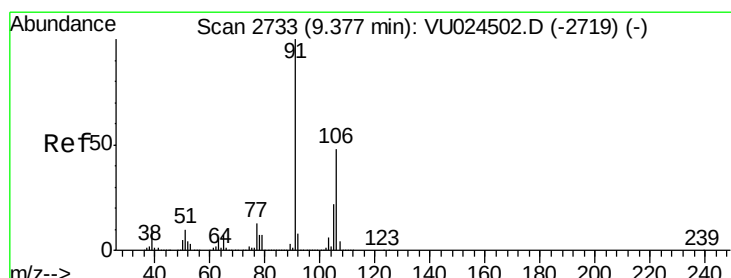
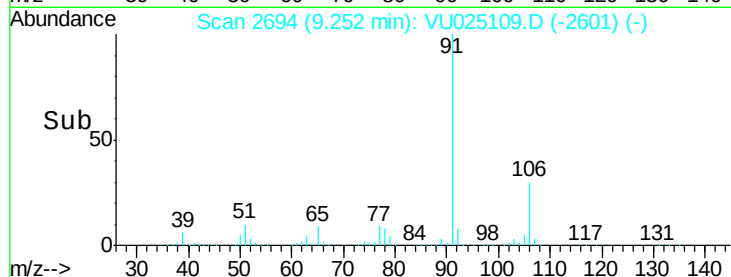
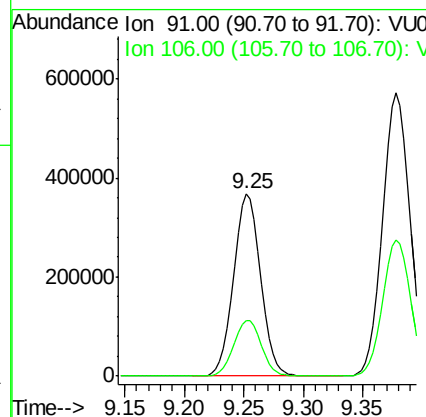
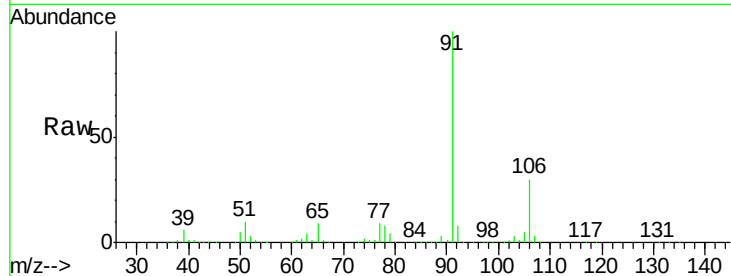
#67
Ethyl Benzene
Concen: 53.76 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 579437
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4

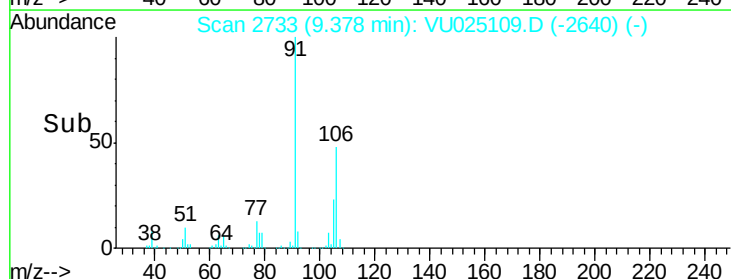
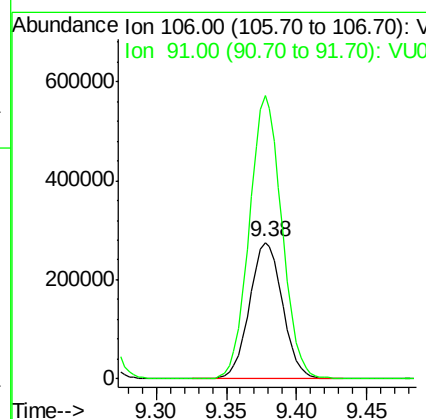
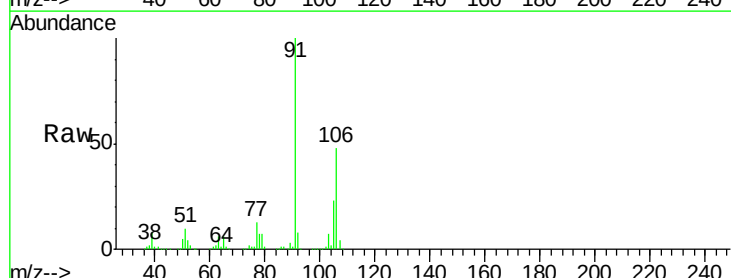
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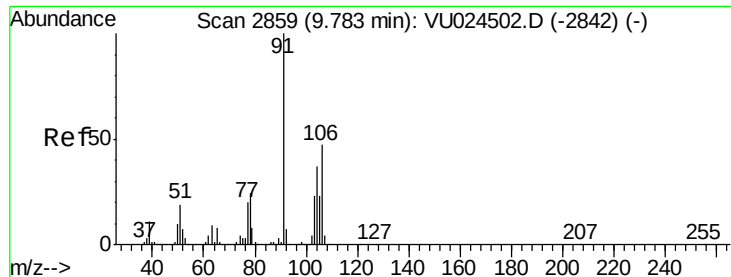
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#68
m/p-Xylenes
Concen: 108.91 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion: 106 Resp: 450753
Ion Ratio Lower Upper
106 100
91 204.2 166.5 249.7





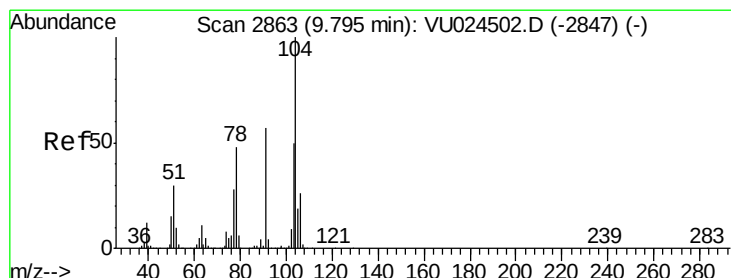
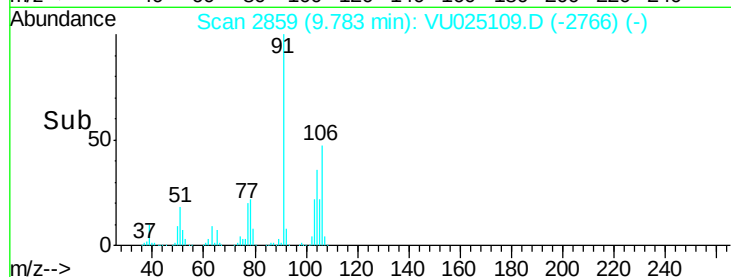
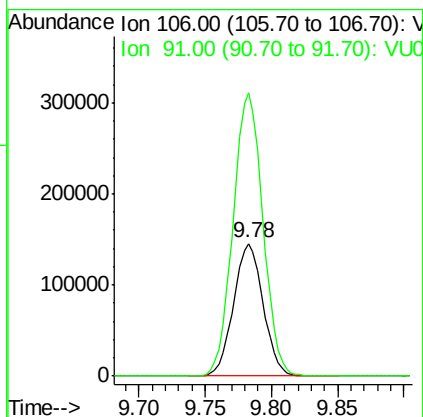
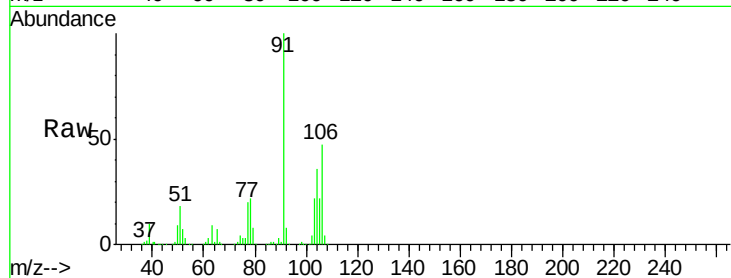
#69
o-Xylene
Concen: 55.03 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.2	110.7	331.9

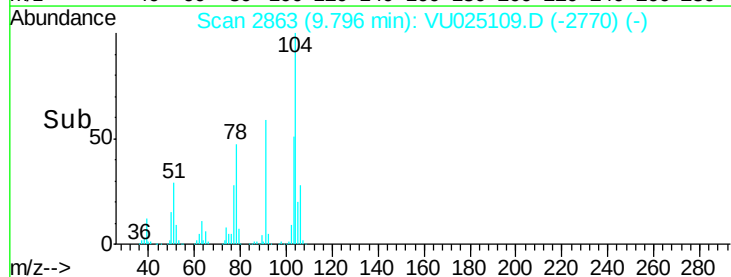
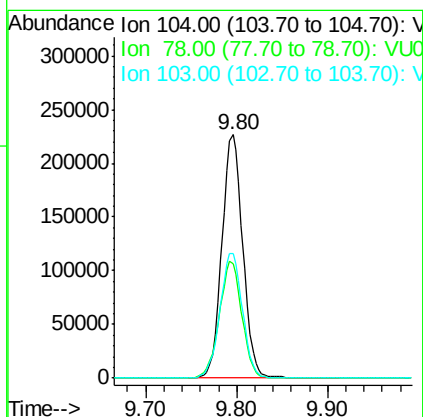
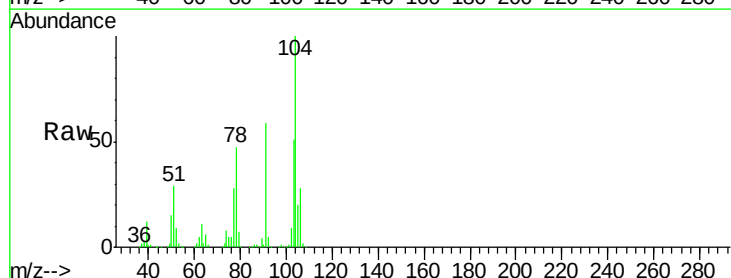
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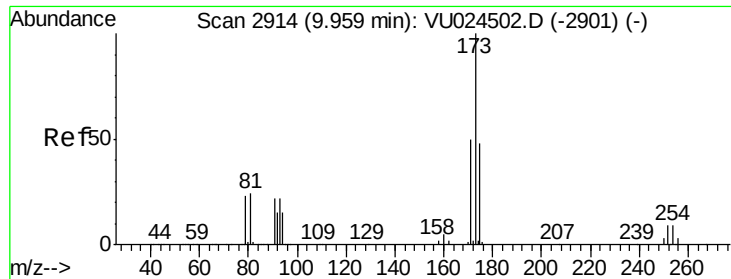
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#70
Styrene
Concen: 53.71 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.7	40.6	60.8
103	55.1	44.7	67.1





#71

Bromoform

Concen: 49.48 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

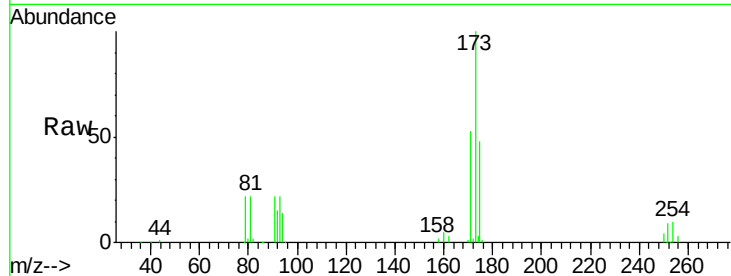
ClientSampleId :

VSTDCCC050

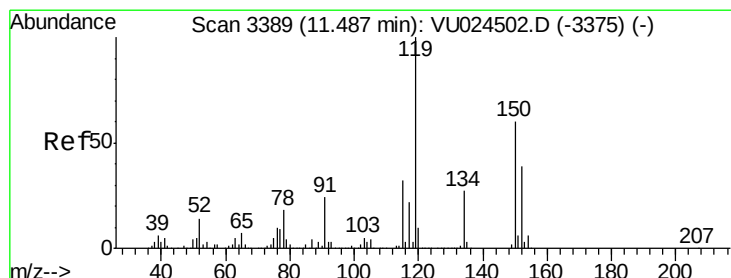
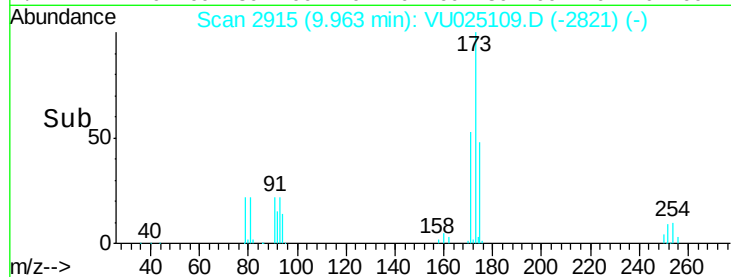
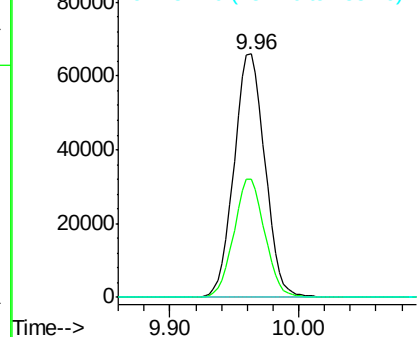
Tot Ion:	173	Resp:	109845
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.6	74.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

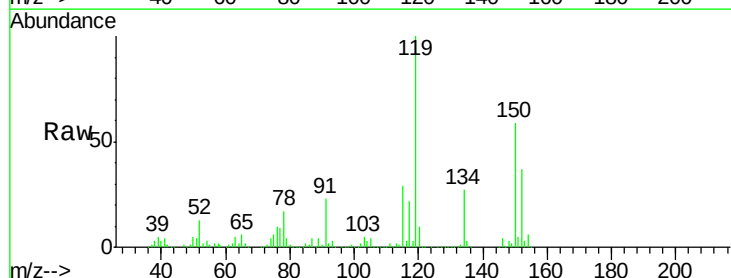
RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

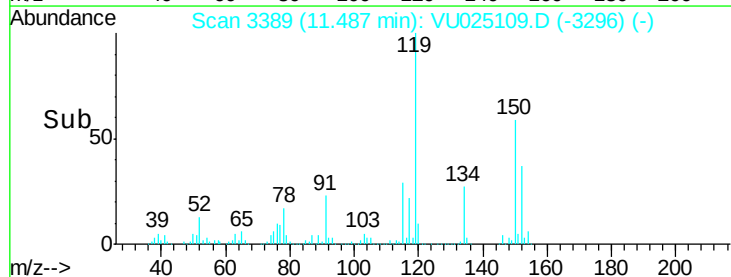
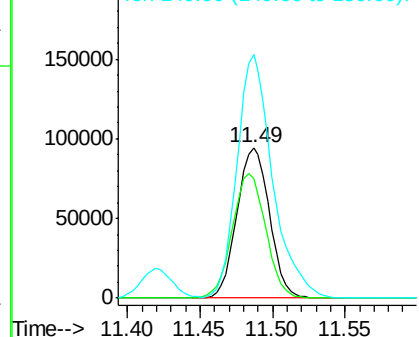
Lab File: VU025109.D

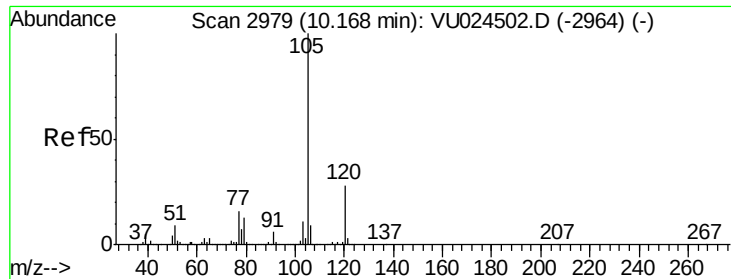
Acq: 01 Jul 2018 00:04

Tgt Ion:	152	Resp:	147016
Ion Ratio	Lower	Upper	
152	100		
115	85.0	43.0	129.0
150	177.7	0.0	354.0



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





#73

Isopropylbenzene

Concen: 53.60 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 605009

Ion Ratio Lower Upper

105 100

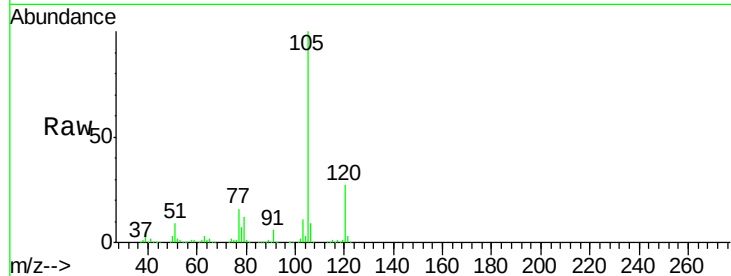
120 26.8 13.2 39.6

Manual Integrations

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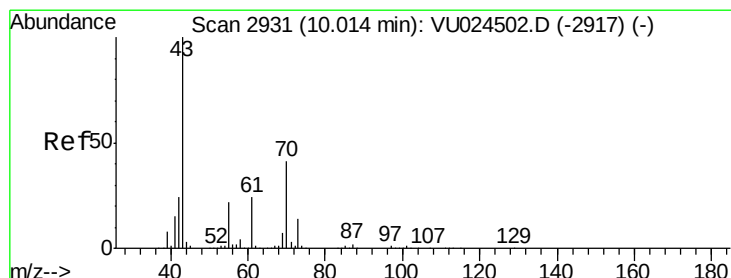
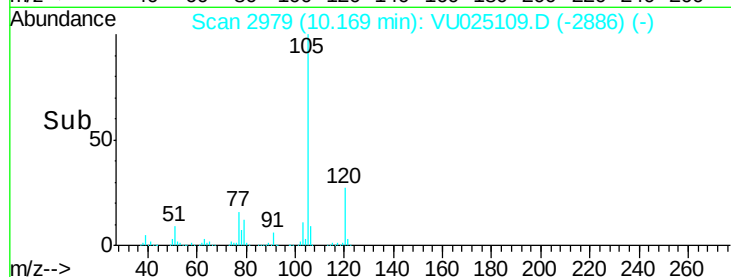
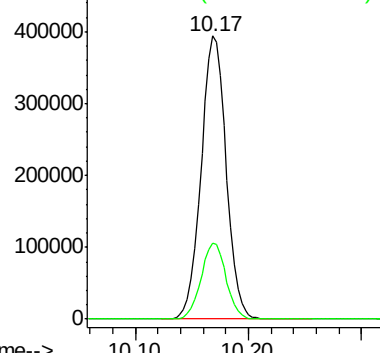
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.71 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Tgt Ion: 43 Resp: 256122

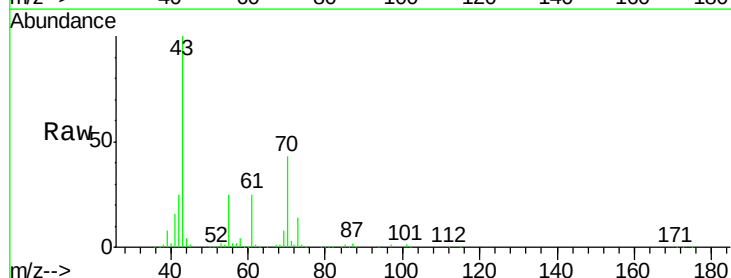
Ion Ratio Lower Upper

43 100

70 41.9 32.2 48.4

55 24.2 20.5 30.7

61 24.1 18.7 28.1

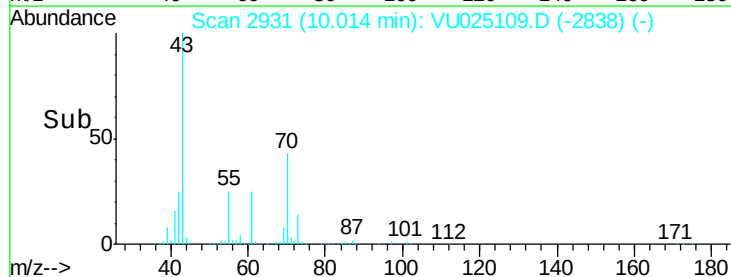
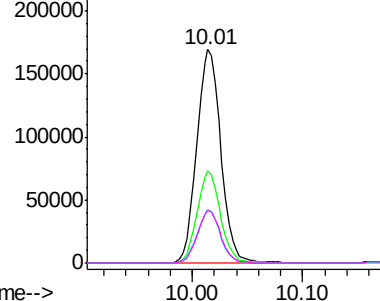


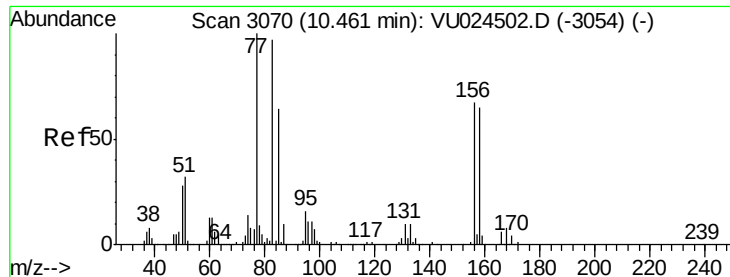
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 54.02 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 204344

Ion Ratio Lower Upper

83 100

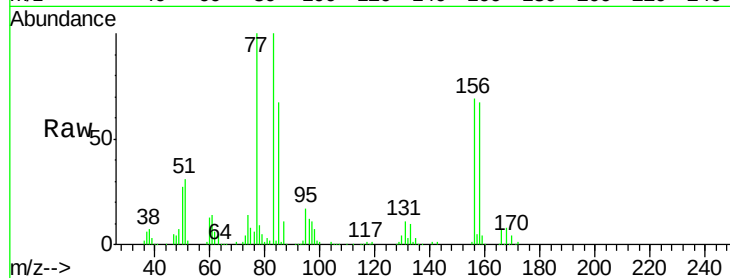
131 10.5 4.7 14.1

85 65.5 32.5 97.5

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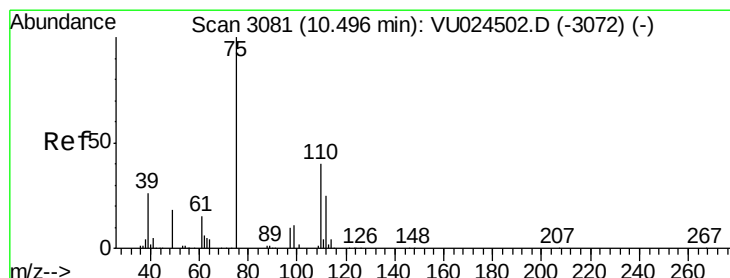
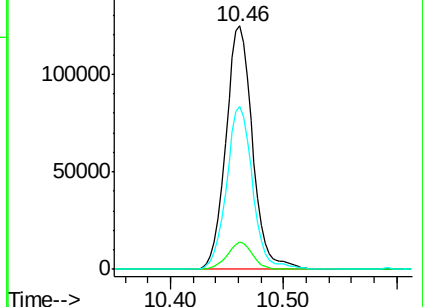
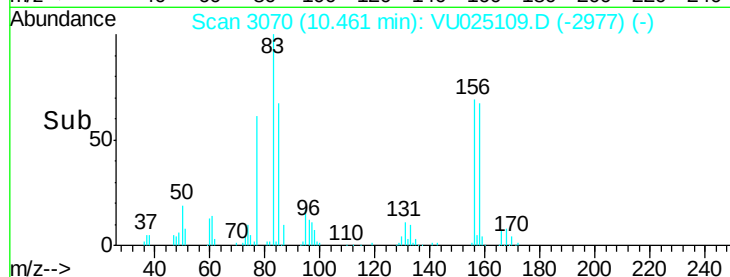


Abundance Ion 82.90 (82.60 to 83.60): VU025109.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025109.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025109.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 57.90 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025109.D

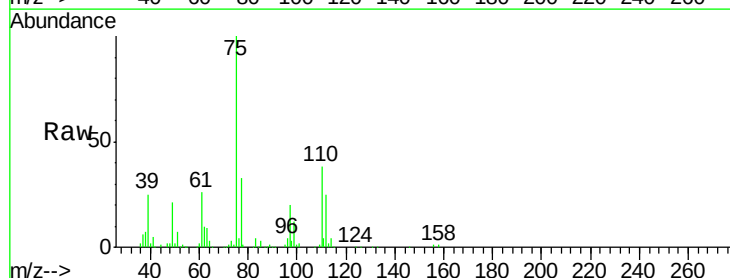
Acq: 01 Jul 2018 00:04

Tgt Ion: 75 Resp: 187405

Ion Ratio Lower Upper

75 100

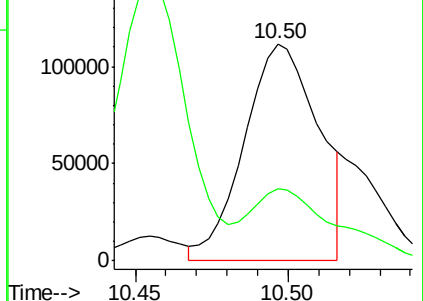
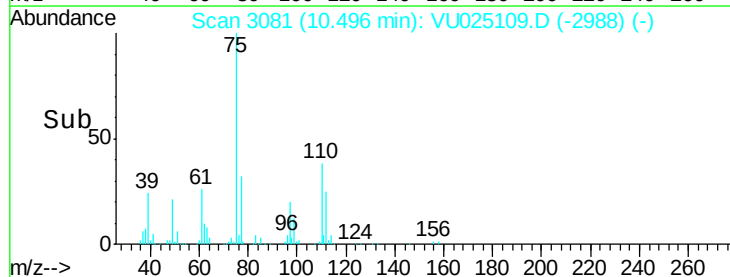
77 38.2 20.9 62.7

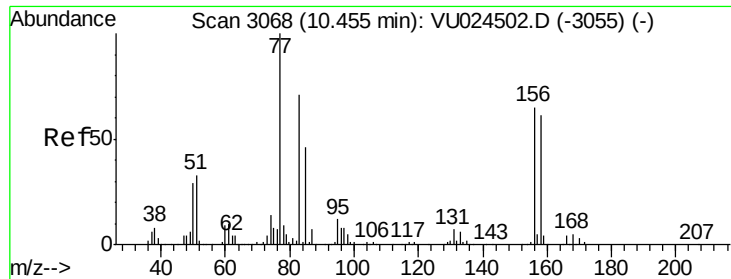


Abundance Ion 74.90 (74.60 to 75.60): VU025109.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025109.D (-2988) (-)

Time-->





#77

Bromobenzene

Concen: 54.50 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

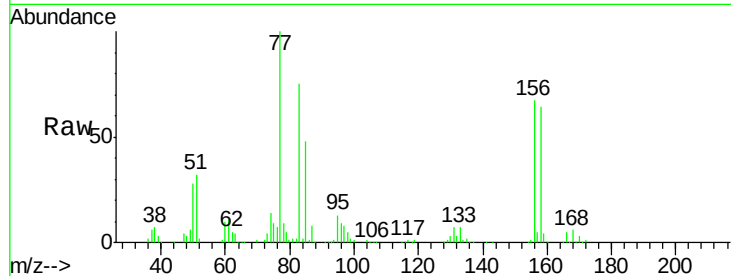
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.5	80.5	241.3
158	97.7	48.2	144.6

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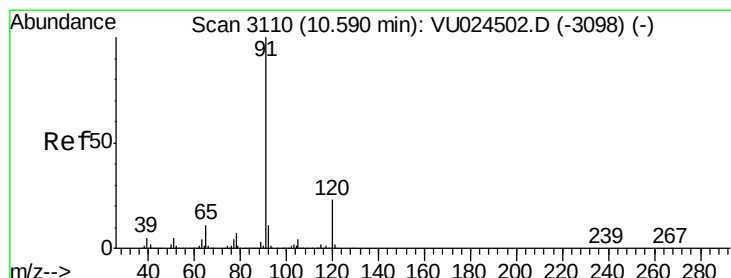
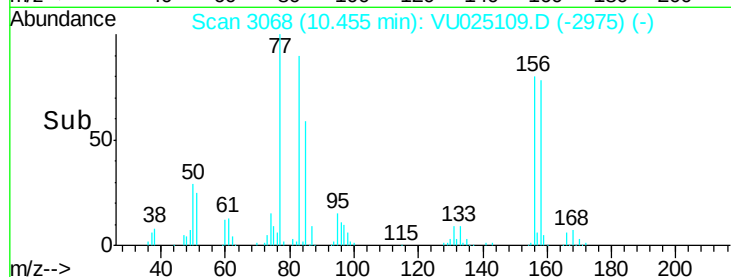
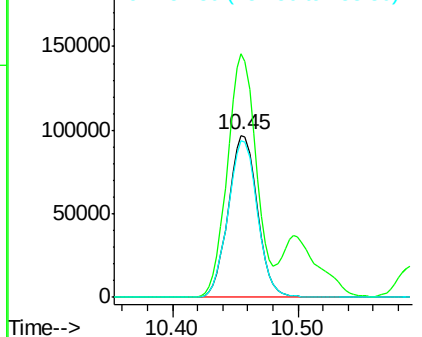


Abundance

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: 51.39 ug/l

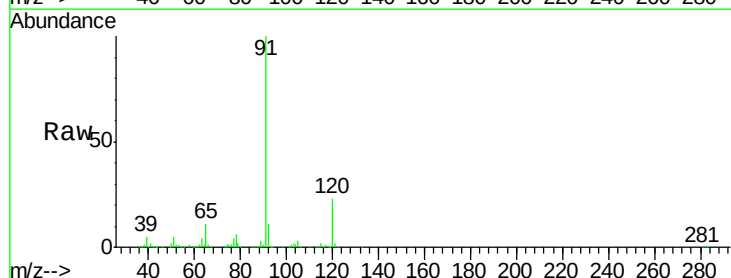
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

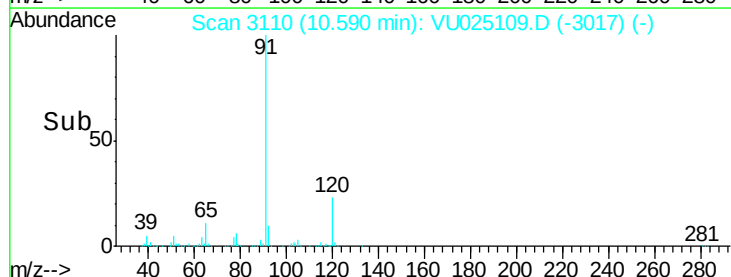
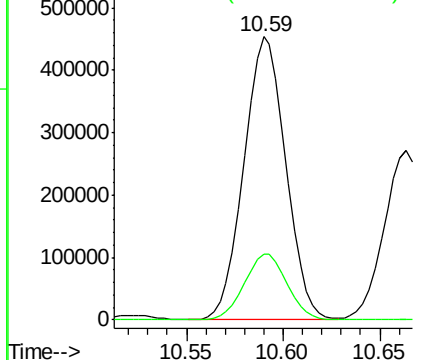
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.2	33.5

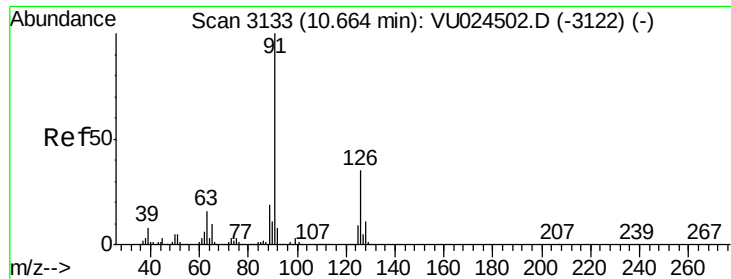


Abundance

Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.98 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 415381

Ion Ratio Lower Upper

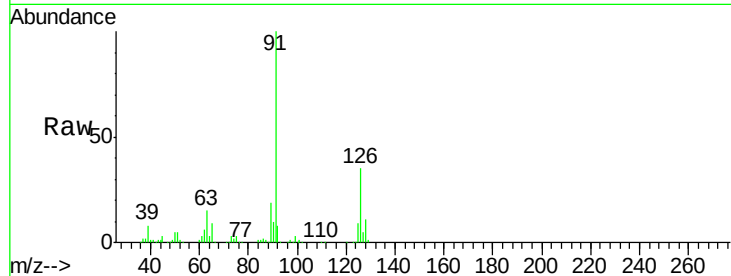
91 100

126 34.9 16.9 50.7

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

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

500000

400000

300000

200000

100000

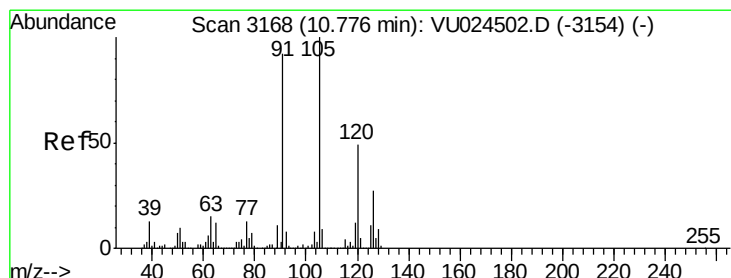
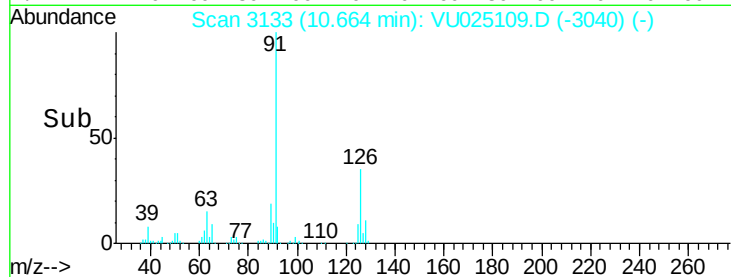
0

10.60

10.65

10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.82 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025109.D

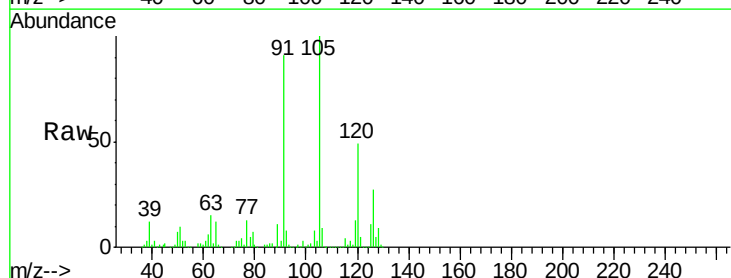
Acq: 01 Jul 2018 00:04

Tgt Ion: 105 Resp: 516743

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2



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

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

400000

300000

200000

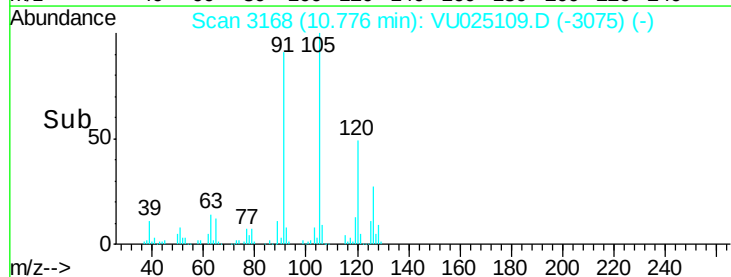
100000

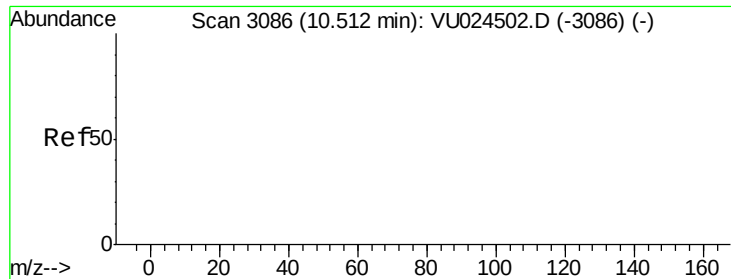
0

10.70

10.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 43.73 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

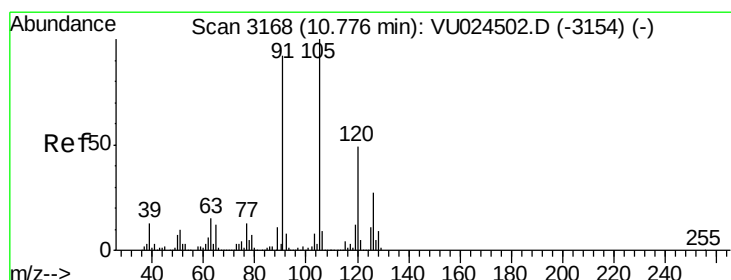
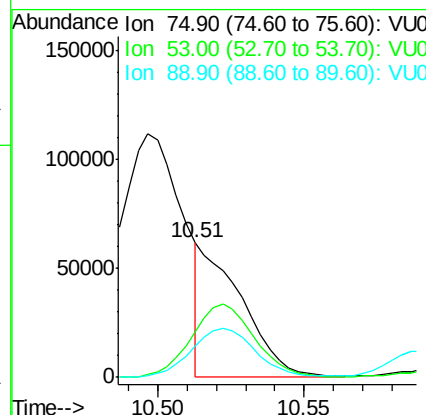
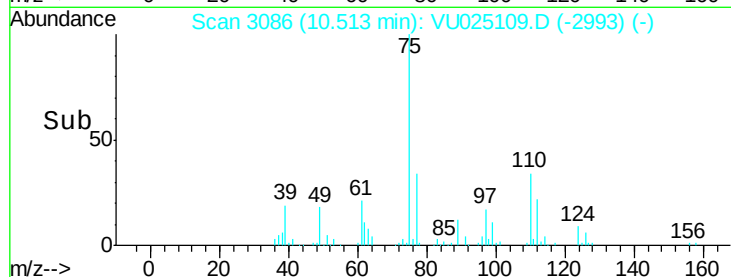
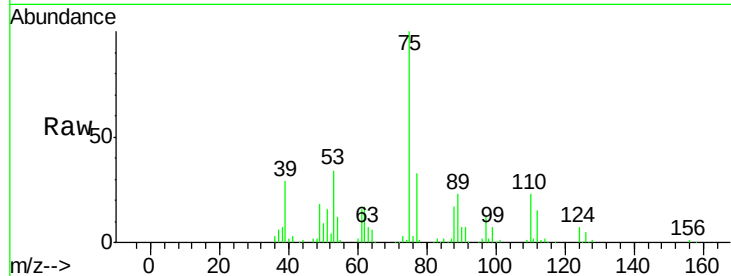
Instrument :
MSVOA_U

ClientSampleId :
VSTDCCC050

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

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#82

4-Chlorotoluene

Concen: 52.49 ug/l

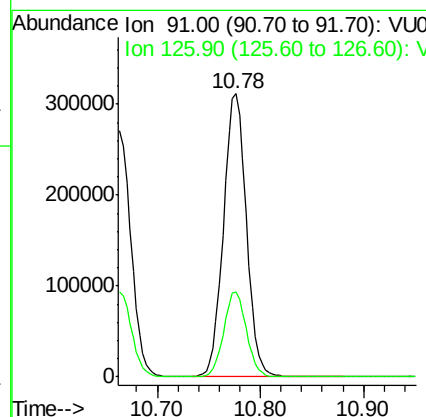
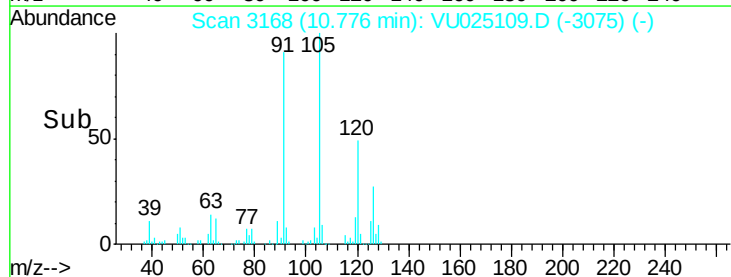
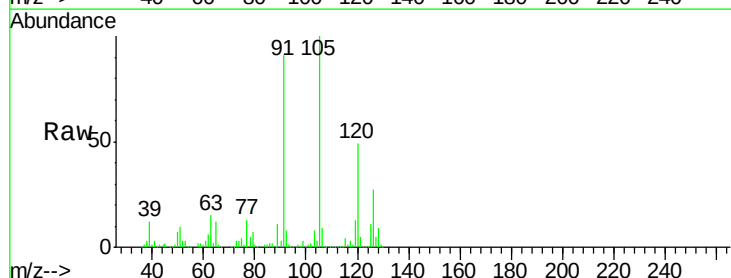
RT: 10.78 min Scan# 3168

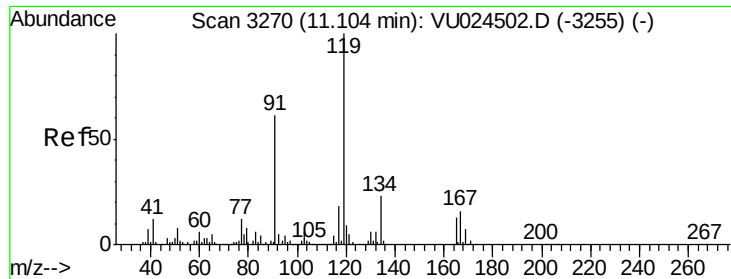
Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.9	44.9





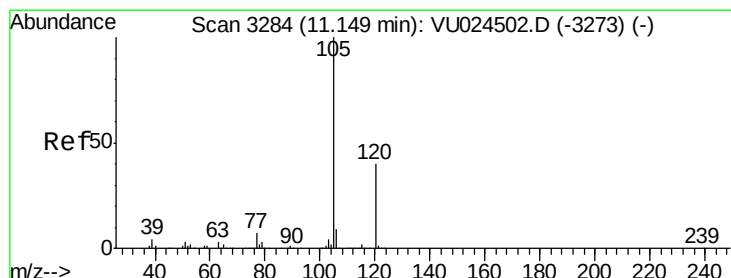
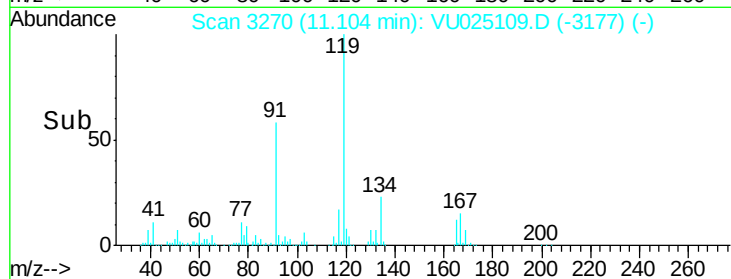
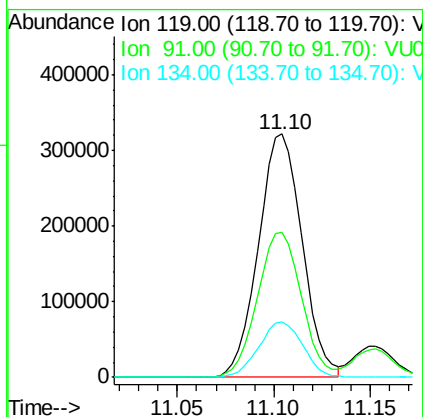
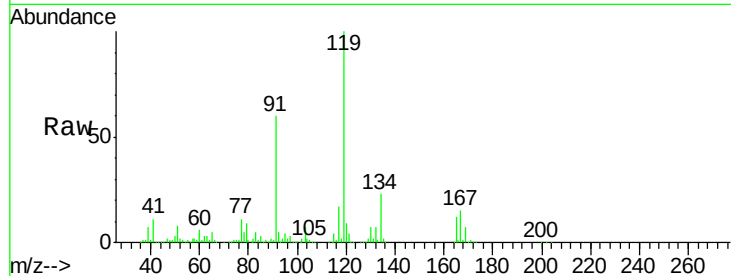
#83
 tert-Butylbenzene
 Concen: 53.74 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.1	29.7	89.1
134	22.9	11.6	34.7

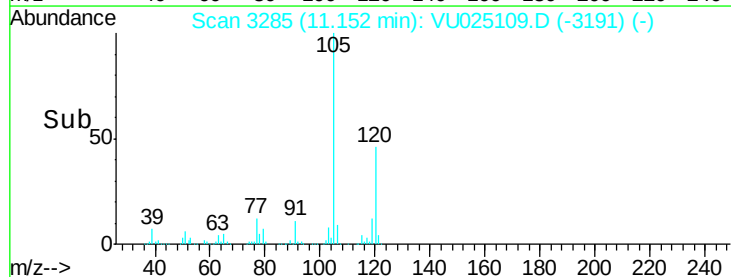
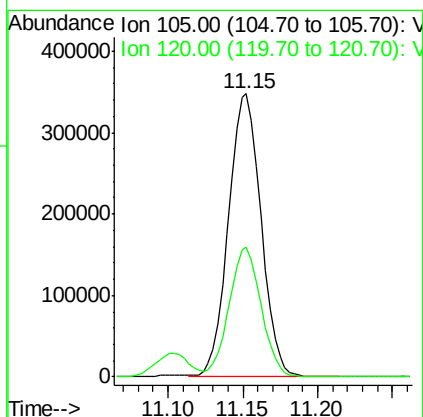
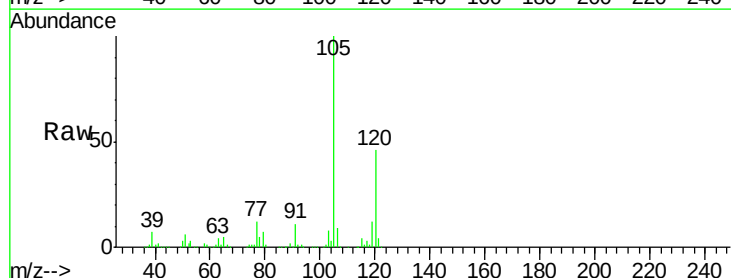
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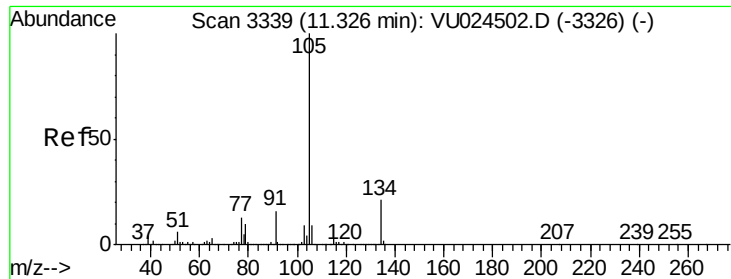
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.85 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 52.24 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 615401

Ion Ratio Lower Upper

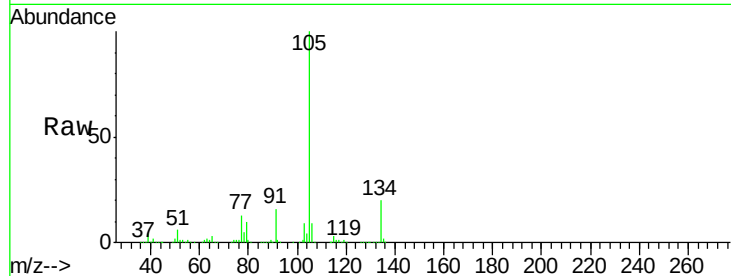
105 100

134 20.5 9.7 29.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

400000

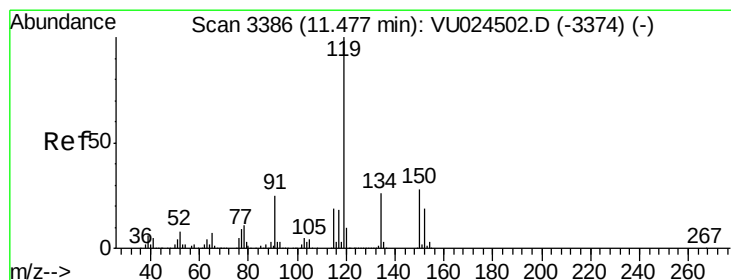
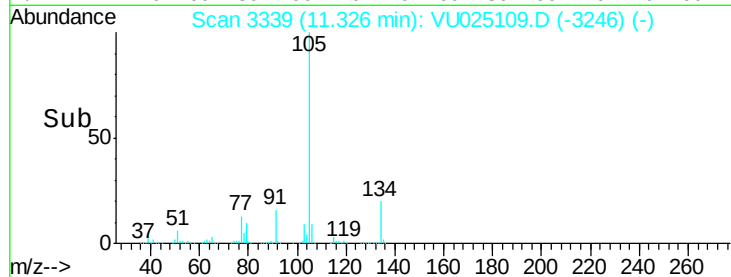
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.74 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

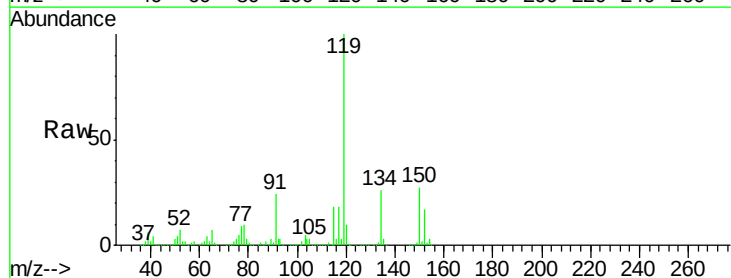
Tgt Ion:119 Resp: 545863

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

91 23.8 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

500000

400000

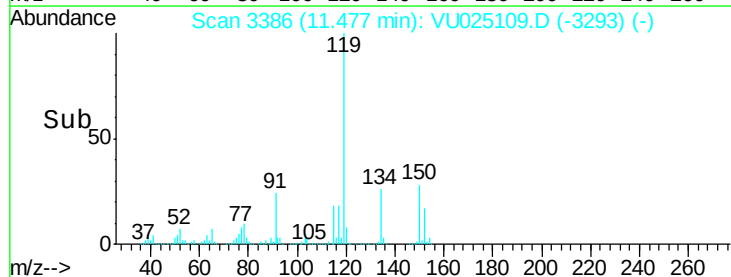
300000

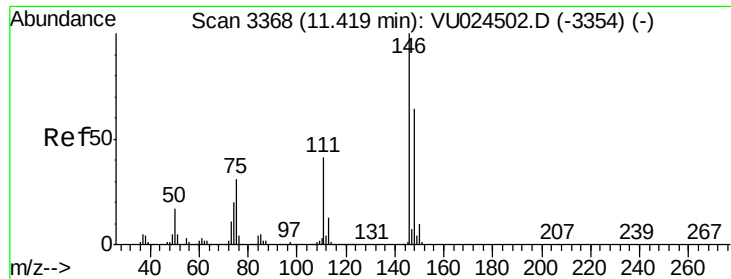
200000

100000

0

Time-->





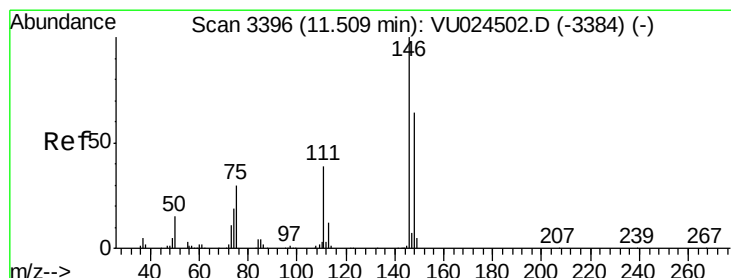
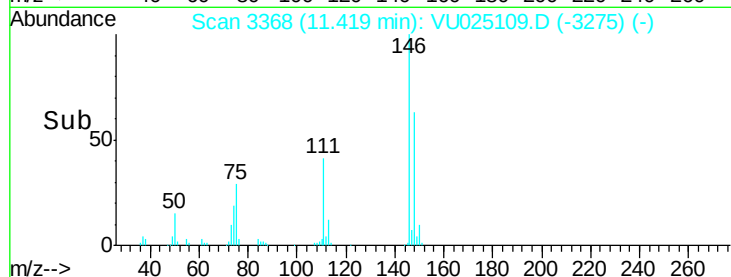
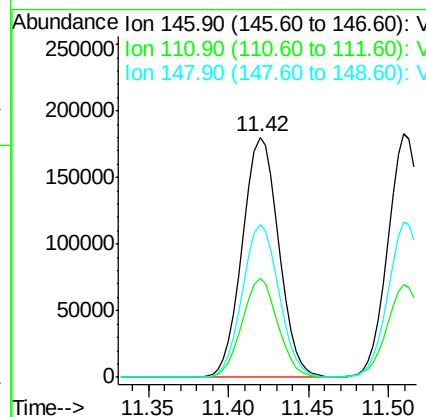
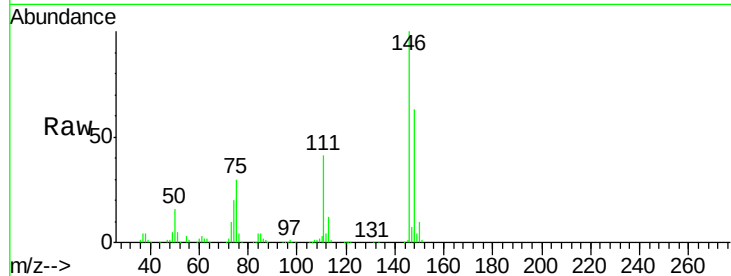
#87
 1,3-Dichlorobenzene
 Concen: 52.87 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	64.0	32.1	96.5

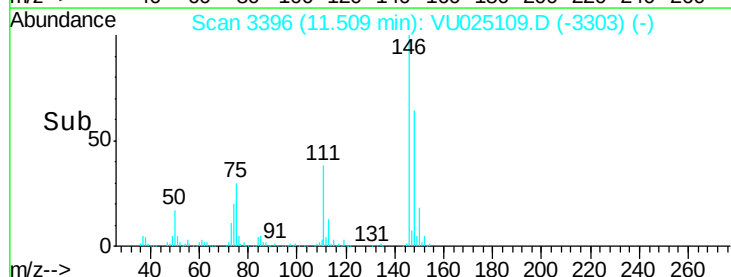
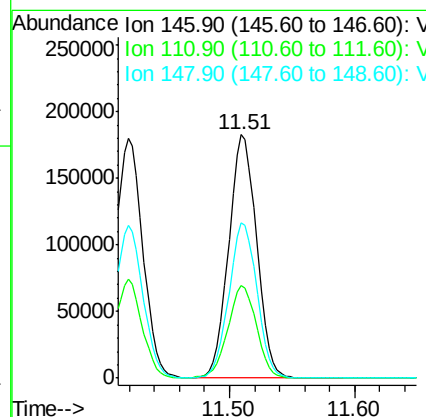
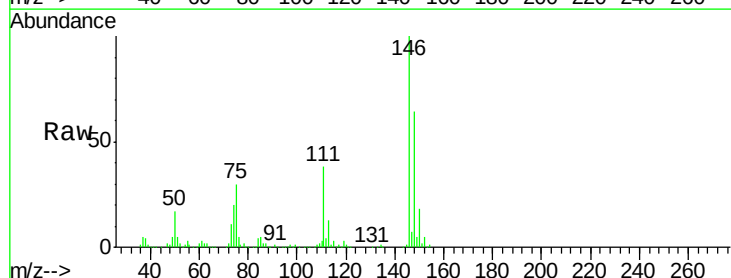
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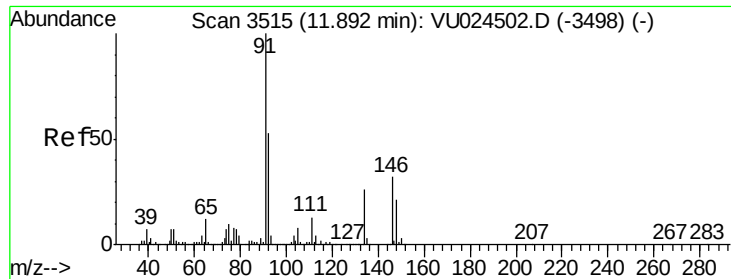
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 53.05 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	64.5	32.4	97.0





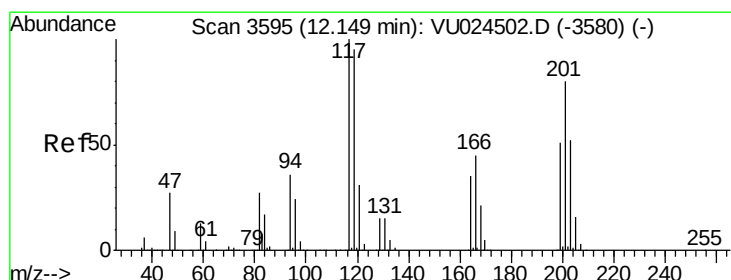
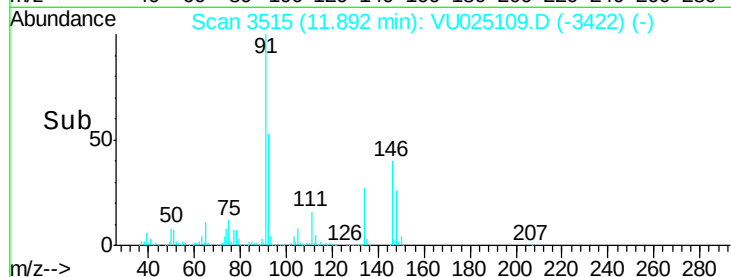
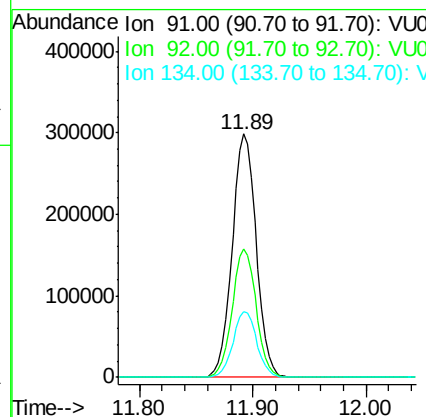
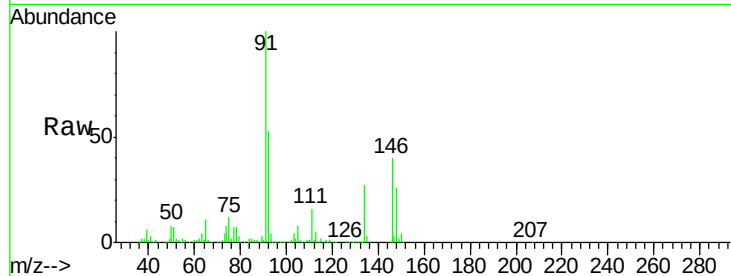
#89
n-Butylbenzene
Concen: 46.98 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	25.6	76.8
134	26.8	12.3	36.8

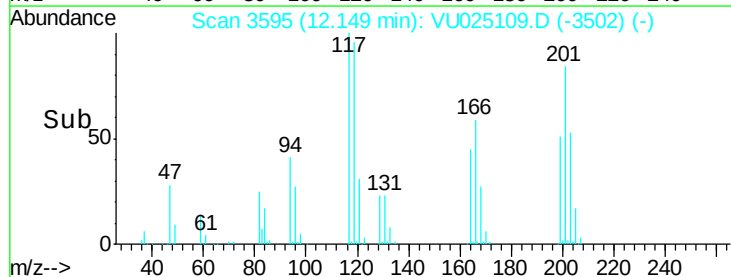
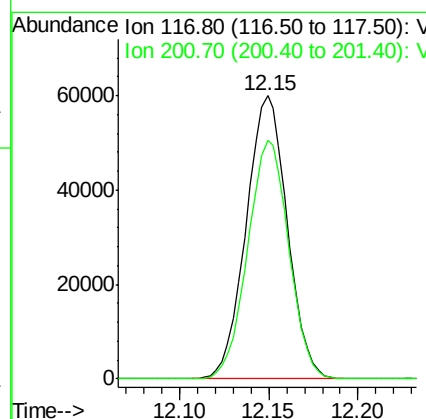
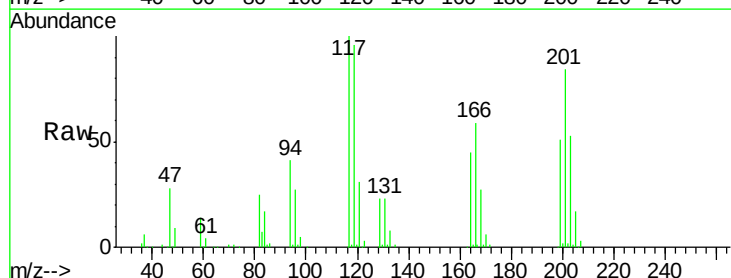
Manual Integrations
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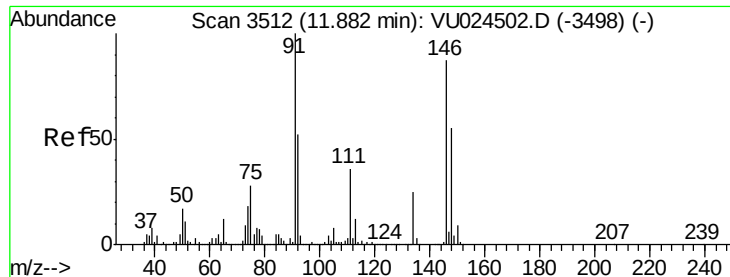
apatel
7/2/2018 4:16:45 PM



#90
Hexachloroethane
Concen: 46.96 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025109.D
Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.3	41.1	123.3





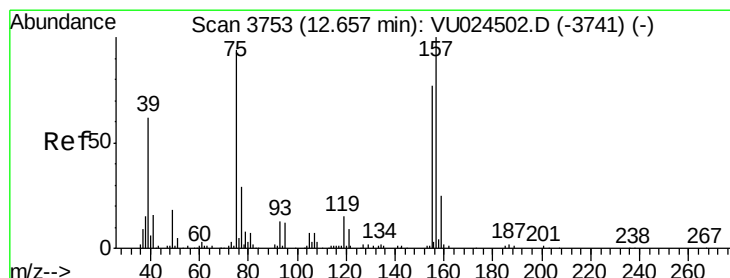
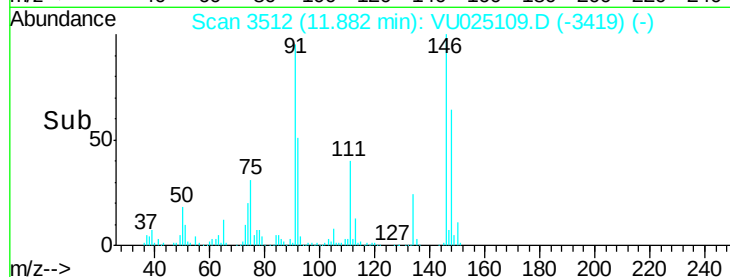
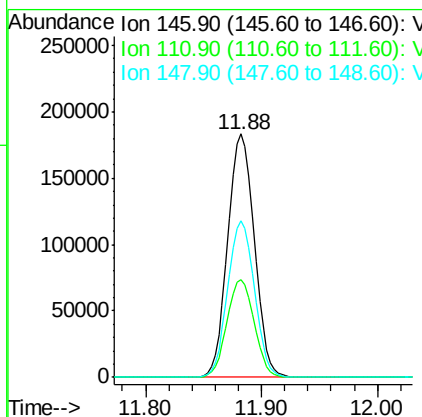
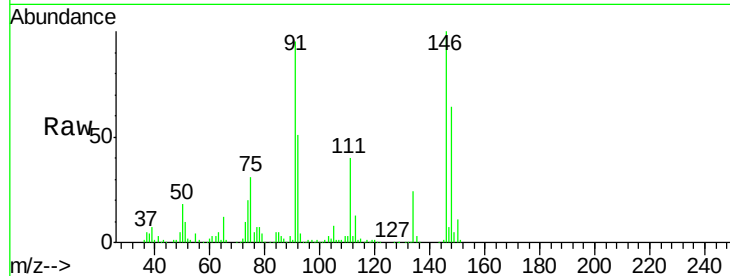
#91
 1,2-Dichlorobenzene
 Concen: 55.06 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.6
148	64.4	31.9	95.7

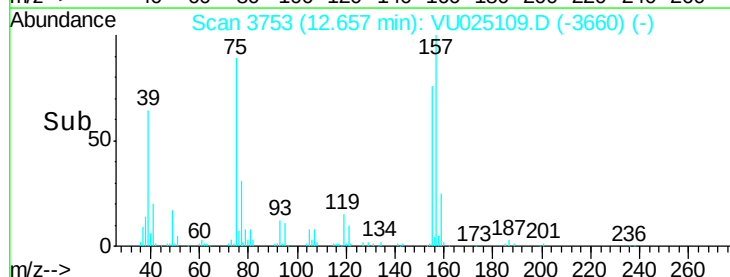
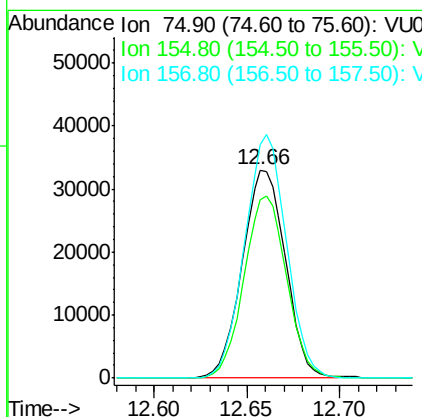
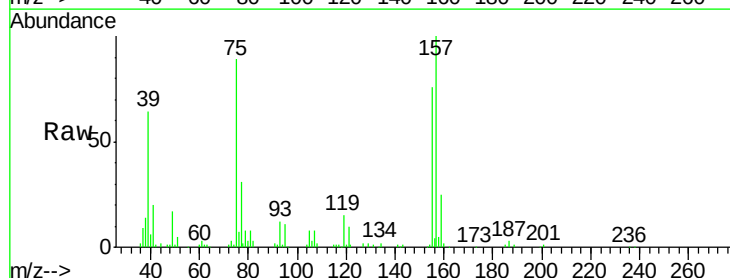
Manual Integrations
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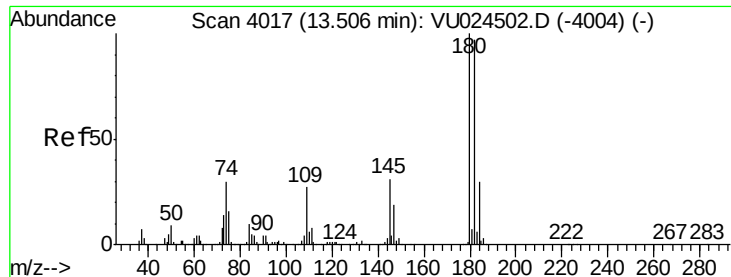
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.23 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	40.4	121.2
157	113.3	52.3	156.8





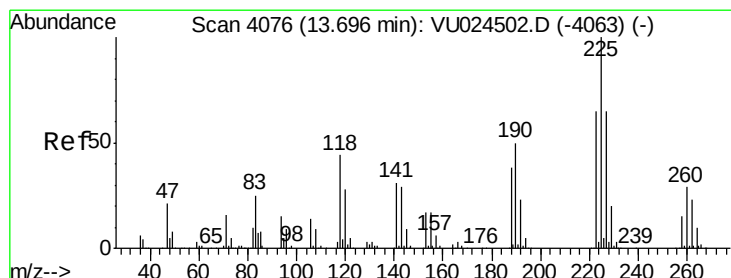
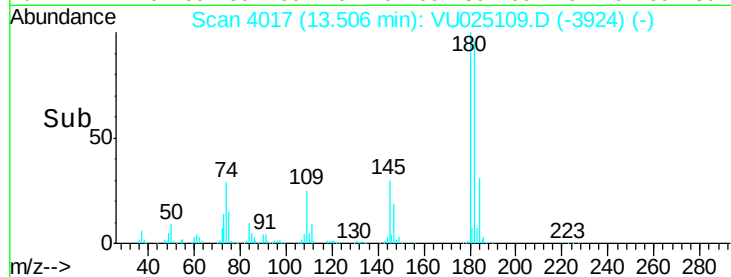
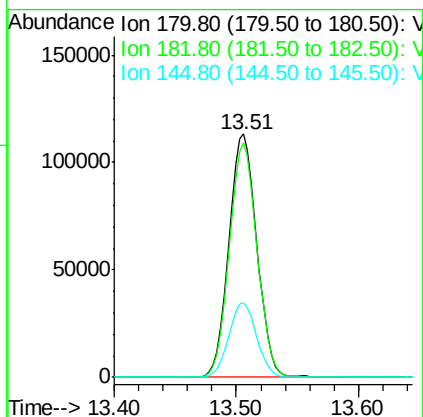
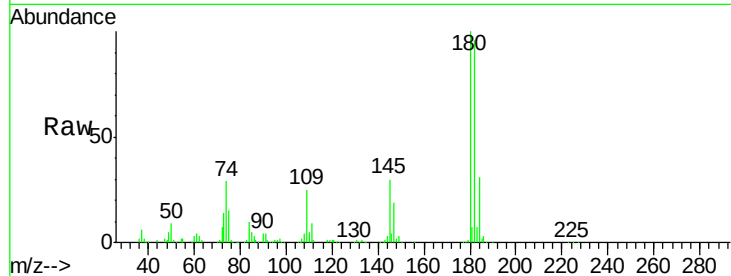
#93
 1,2,4-Trichlorobenzene
 Concen: 55.52 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	181310		
182	95.5	48.0	144.2	
145	30.6	14.7	44.1	

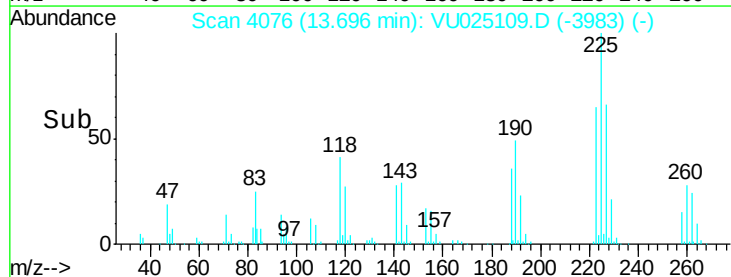
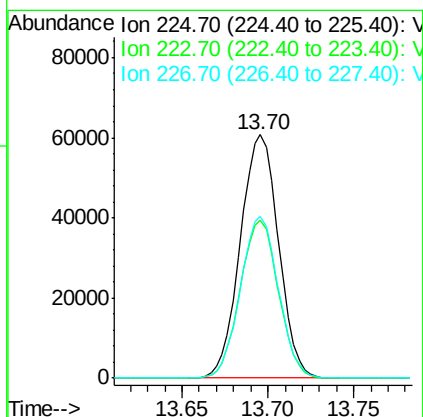
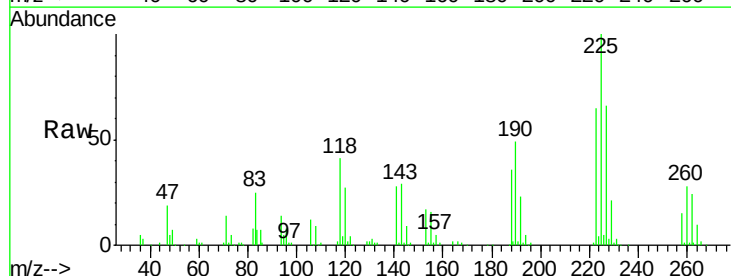
Manual Integrations
 APPROVED

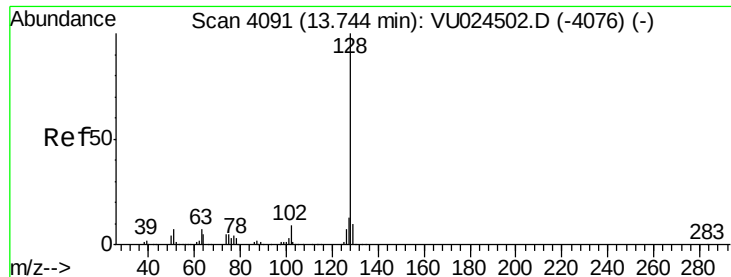
apatel
 7/2/2018 4:16:45 PM



#94
 Hexachlorobutadiene
 Concen: 50.87 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025109.D
 Acq: 01 Jul 2018 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93487		
223	65.1	31.3	93.8	
227	65.9	31.8	95.4	





#95

Naphthalene

Concen: 55.31 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Instrument :

MSVOA_U

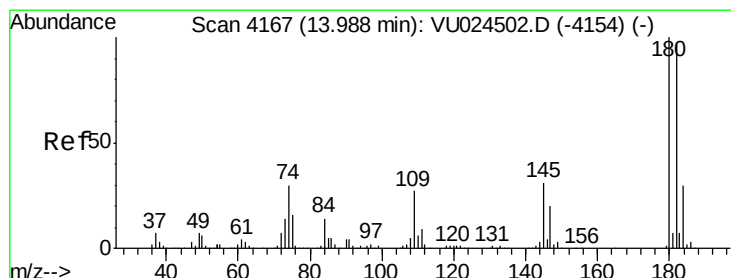
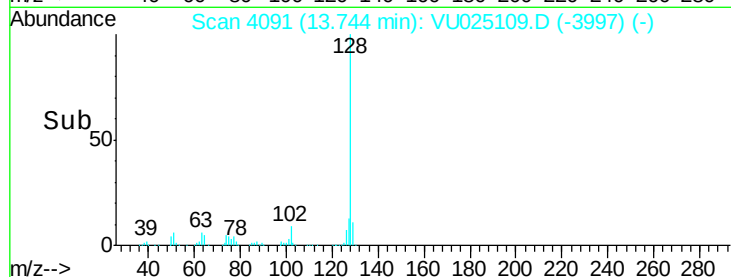
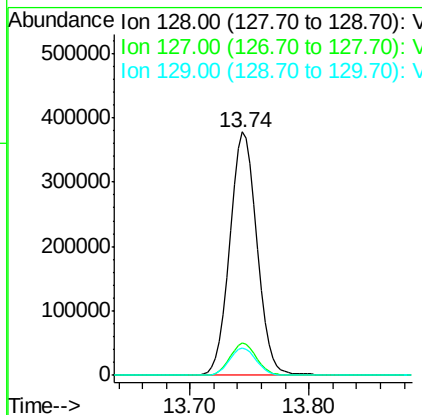
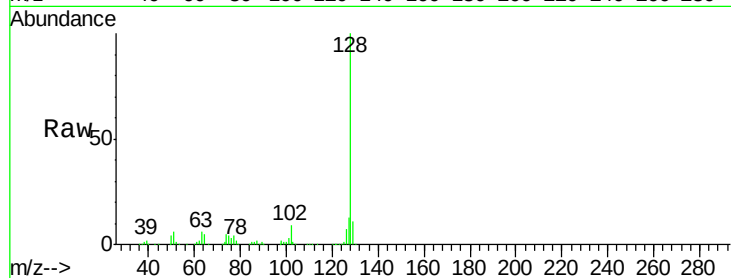
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	598693
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.9	8.6	12.8

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 58.21 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU025109.D

Acq: 01 Jul 2018 00:04

Tgt Ion:	180	Resp:	189397
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.9	143.7
145	32.0	15.4	46.1

