

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024826.D
 Acq On : 21 Jun 2018 21:21
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 6/22/2018 4:02:21 PM

Quant Time: Jun 22 05:16:20 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	175675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	273266	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	260520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	126404	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	
35) Dibromofluoromethane	4.89	113	98797	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	
50) Toluene-d8	7.57	98	362916	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	
62) 4-Bromofluorobenzene	10.31	95	144513	44.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98806	44.93	ug/l	99
3) Chloromethane	1.33	50	102274	45.53	ug/l	100
4) Vinyl Chloride	1.40	62	109725	47.36	ug/l	98
5) Bromomethane	1.62	94	67465	60.24	ug/l	99
6) Chloroethane	1.69	64	70461	54.52	ug/l	98
7) Trichlorofluoromethane	1.89	101	175849	49.74	ug/l	99
8) Diethyl Ether	2.10	74	65667	54.75	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	97124	44.28	ug/l	97
10) Methyl Iodide	2.41	142	99663	53.30	ug/l	98
11) Tert butyl alcohol	2.82	59	149544	214.40	ug/l	99
12) 1,1-Dichloroethene	2.28	96	92570	46.28	ug/l	93
13) Acrolein	2.19	56	68536	187.11	ug/l	99
14) Allyl chloride	2.59	41	178658m	48.10	ug/l	
15) Acrylonitrile	2.93	53	328539	242.09	ug/l	100
16) Acetone	2.32	43	288661	187.33	ug/l	98
17) Carbon Disulfide	2.48	76	262149	40.93	ug/l	99
18) Methyl Acetate	2.62	43	172227	52.14	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	364978	48.54	ug/l	97
20) Methylene Chloride	2.70	84	108286	44.79	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	100893	45.79	ug/l	95
22) Diisopropyl ether	3.57	45	359849	48.88	ug/l	95
23) Vinyl Acetate	3.53	43	1571703	238.31	ug/l	99
24) 1,1-Dichloroethane	3.45	63	202139	47.73	ug/l	99
25) 2-Butanone	4.26	43	479321	231.58	ug/l	97
26) 2,2-Dichloropropane	4.23	77	167611	41.68	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	122028	48.18	ug/l	98
28) Bromochloromethane	4.55	49	75220	40.32	ug/l	88
29) Tetrahydrofuran	4.63	42	306403	239.05	ug/l	97
30) Chloroform	4.68	83	214055	49.93	ug/l	100
31) Cyclohexane	5.00	56	183972	48.87	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	193450	48.80	ug/l	97
36) 1,1-Dichloropropene	5.14	75	150617	46.91	ug/l	97
37) Ethyl Acetate	4.38	43	178302	50.95	ug/l	97
38) Carbon Tetrachloride	5.14	117	173590	49.16	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	185052	46.18	ug/l	95
40) Benzene	5.39	78	444599	48.59	ug/l	99
41) Methacrylonitrile	4.54	41	100486	53.25	ug/l	98
42) 1,2-Dichloroethane	5.41	62	179090	51.39	ug/l	100
43) Isopropyl Acetate	5.55	43	289199	47.80	ug/l	99
44) Trichloroethene	6.19	130	123430	47.40	ug/l	94
45) 1,2-Dichloropropane	6.44	63	121927	49.94	ug/l	97
46) Dibromomethane	6.56	93	86181	50.26	ug/l	94
47) Bromodichloromethane	6.76	83	170171	49.83	ug/l	99
48) Methyl methacrylate	6.62	41	147289	50.00	ug/l	97
49) 1,4-Dioxane	6.61	88	65859	1143.20	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	947501	249.30	ug/l	98
52) Toluene	7.64	92	291402	49.50	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	186487	48.63	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	191438	46.85	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	120201	50.23	ug/l	99
56) Ethyl methacrylate	8.02	69	199277	49.76	ug/l	99
57) 1,3-Dichloropropane	8.25	76	205588	50.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	322204	209.99	ug/l	95
59) 2-Hexanone	8.36	43	753917	242.97	ug/l	100
60) Dibromochloromethane	8.48	129	143362	48.04	ug/l	100
61) 1,2-Dibromoethane	8.59	107	133515	50.13	ug/l	98
64) Tetrachloroethene	8.23	164	116741	47.14	ug/l	97
65) Chlorobenzene	9.12	112	336390	50.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	129252	51.12	ug/l	97
67) Ethyl Benzene	9.25	91	578316	49.57	ug/l	97
68) m/p-Xylenes	9.38	106	457473	102.11	ug/l	96
69) o-Xylene	9.78	106	225238	50.80	ug/l	97
70) Styrene	9.80	104	372220	51.08	ug/l	99
71) Bromoform	9.96	173	115067	47.88	ug/l #	100
73) Isopropylbenzene	10.17	105	610243	49.95	ug/l	99
74) N-amyl acetate	10.01	43	273910	47.13	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	206086	50.34	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	177312m	50.61	ug/l	
77) Bromobenzene	10.45	156	153235	49.54	ug/l	95
78) n-propylbenzene	10.59	91	691059	48.02	ug/l	97
79) 2-Chlorotoluene	10.66	91	422423	49.77	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	528143	49.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	64149m	42.38	ug/l	
82) 4-Chlorotoluene	10.78	91	486167	49.21	ug/l	99
83) tert-Butylbenzene	11.10	119	524810	51.52	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	540935	50.12	ug/l	100
85) sec-Butylbenzene	11.33	105	629420	49.36	ug/l	97
86) p-Isopropyltoluene	11.48	119	563428	49.34	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	285046	49.88	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	289239	50.29	ug/l	99
89) n-Butylbenzene	11.89	91	469251	46.28	ug/l	97
90) Hexachloroethane	12.15	117	101258	45.45	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	293176	51.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	55567	49.19	ug/l	94

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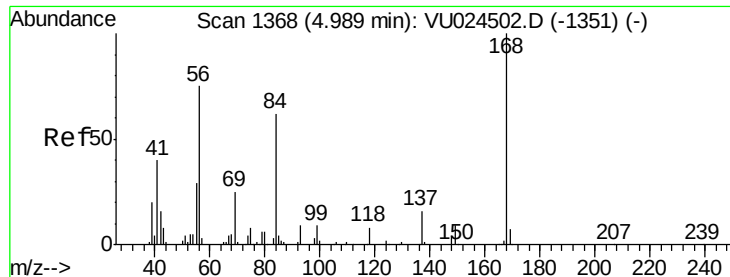
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	194859	55.13	ug/l	98
94) Hexachlorobutadiene	13.70	225	98720	49.62	ug/l	99
95) Naphthalene	13.74	128	650152	55.49	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	204315	58.01	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: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 175675

Ion Ratio Lower Upper

168 100

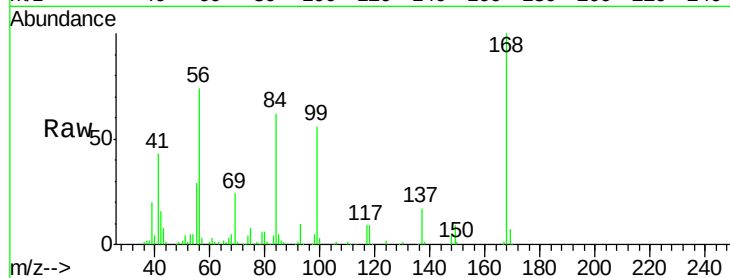
99 55.3 43.2 64.8

Manual Integrations

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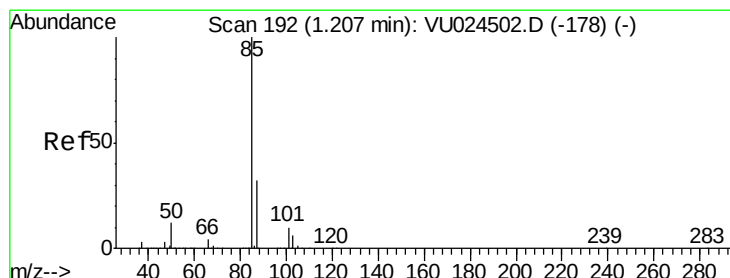
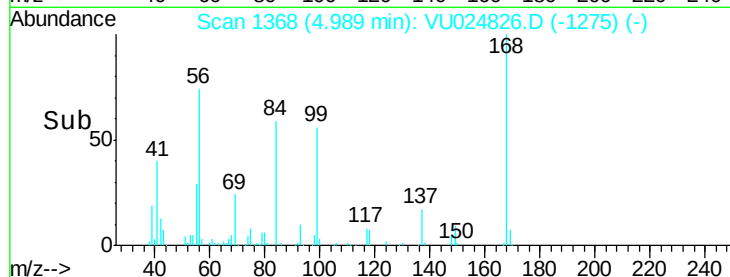
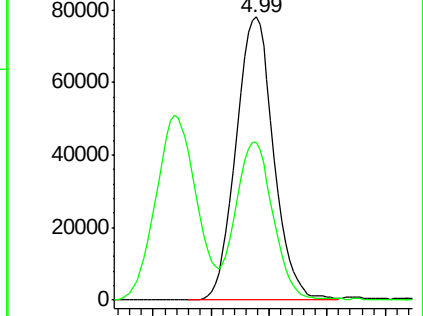
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 44.93 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024826.D

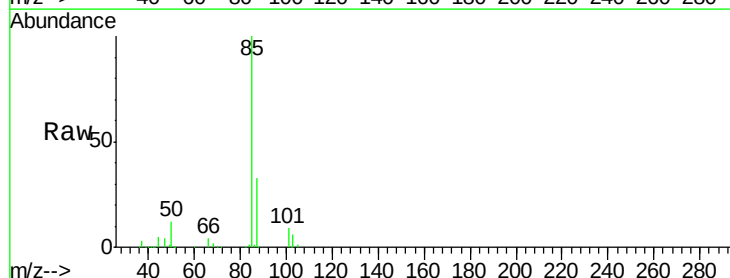
Acq: 21 Jun 2018 21:21

Tgt Ion: 85 Resp: 98806

Ion Ratio Lower Upper

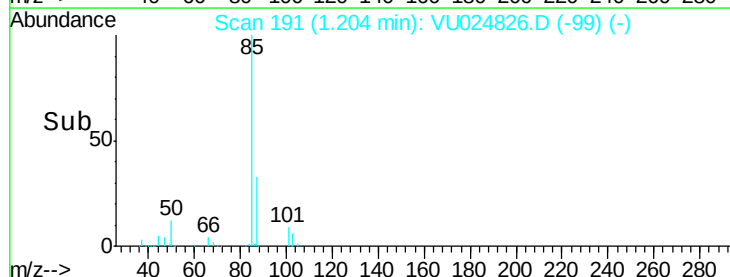
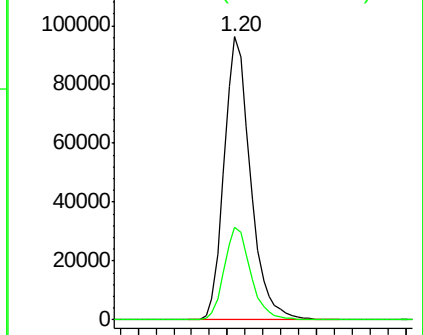
85 100

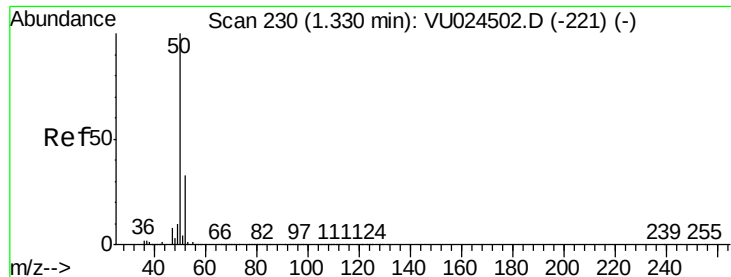
87 32.7 16.1 48.2



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

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





#3

Chloromethane

Concen: 45.53 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 102274

Ion Ratio Lower Upper

50 100

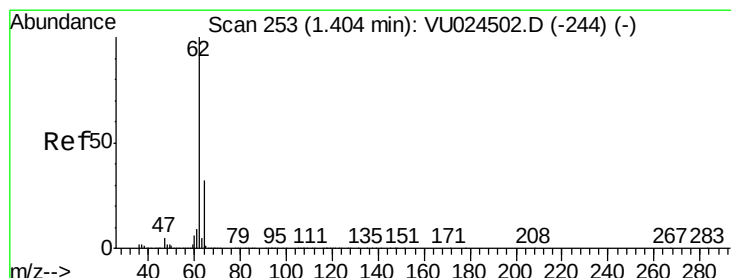
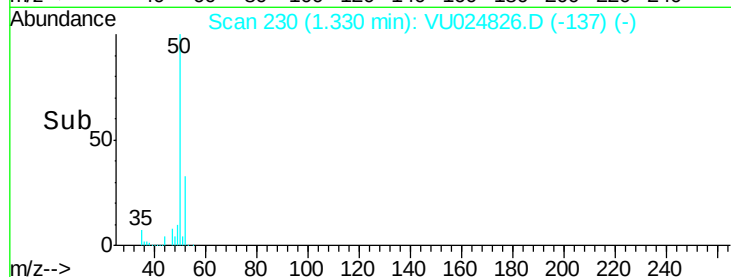
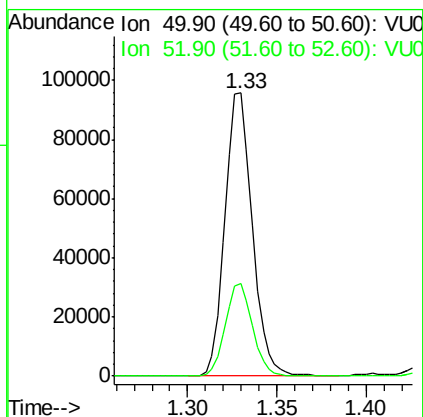
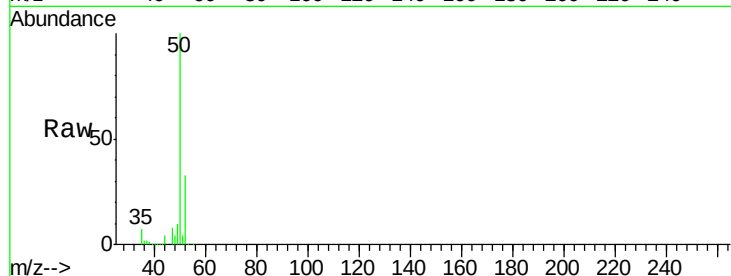
52 32.8 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.36 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024826.D

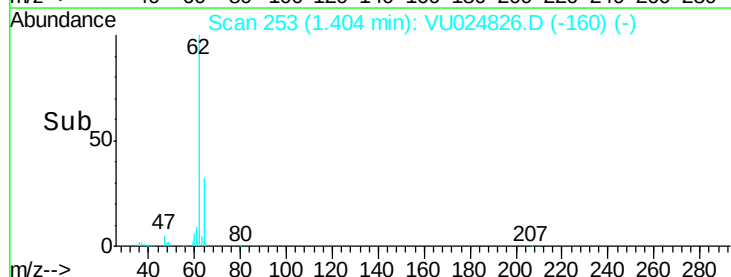
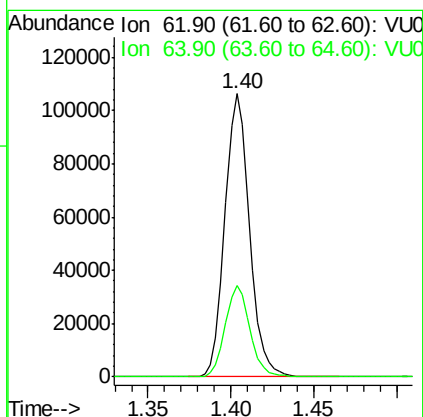
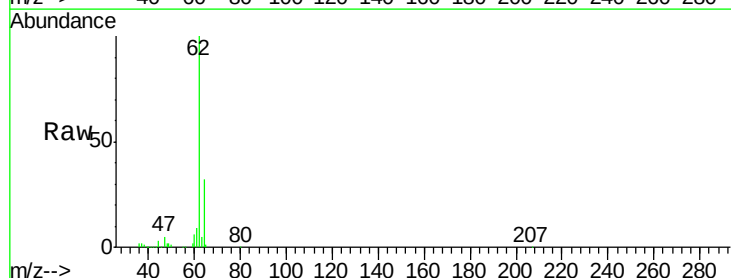
Acq: 21 Jun 2018 21:21

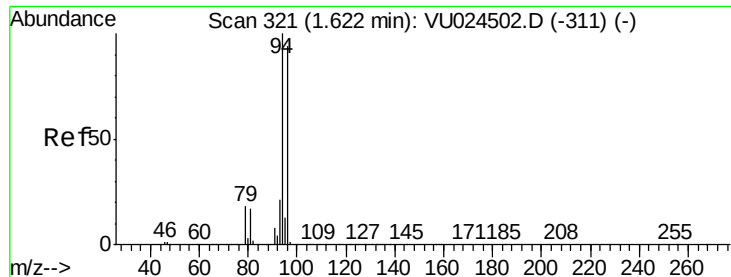
Tgt Ion: 62 Resp: 109725

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2





#5

Bromomethane

Concen: 60.24 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 67465

Ion Ratio Lower Upper

94 100

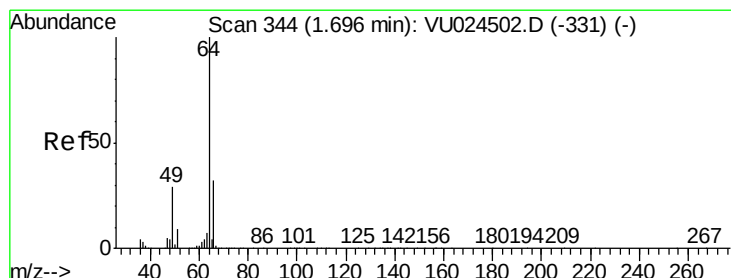
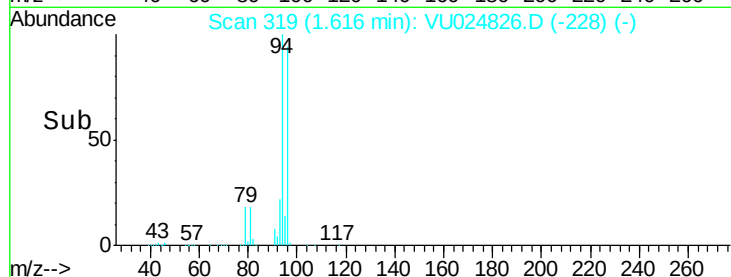
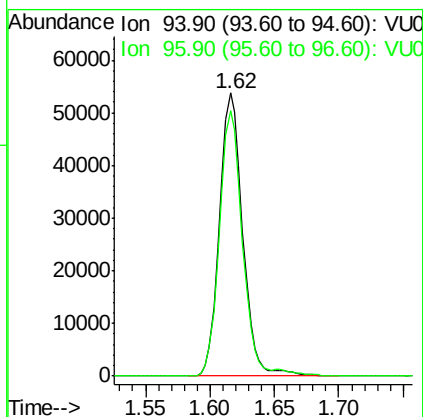
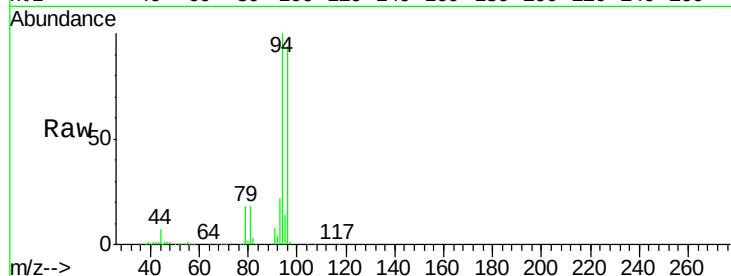
96 93.7 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 54.52 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024826.D

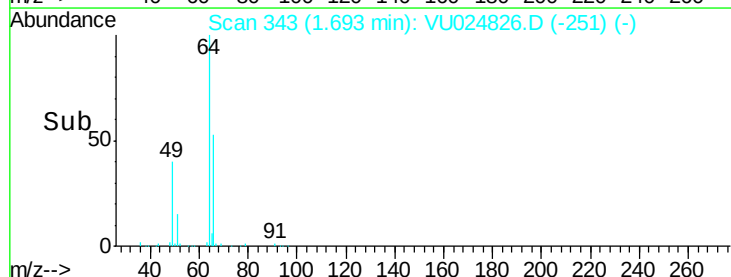
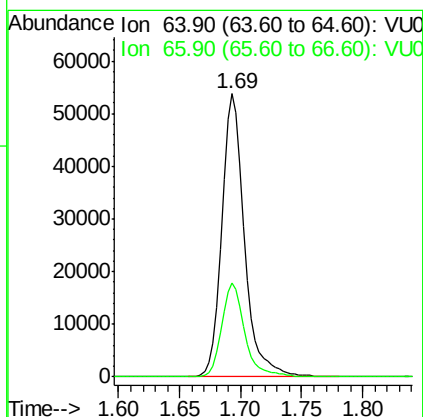
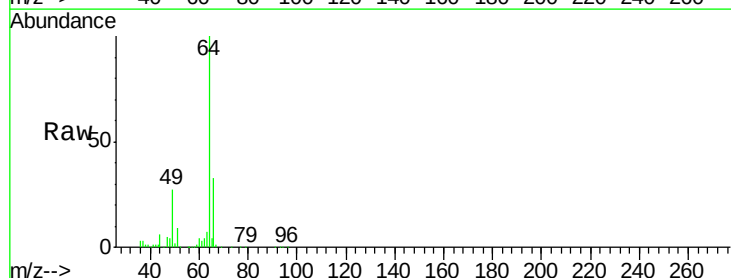
Acq: 21 Jun 2018 21:21

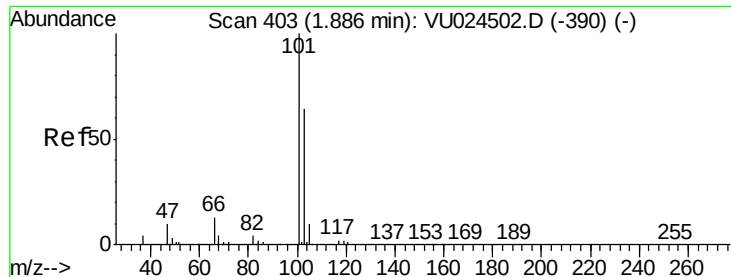
Tgt Ion: 64 Resp: 70461

Ion Ratio Lower Upper

64 100

66 33.0 25.5 38.3





#7

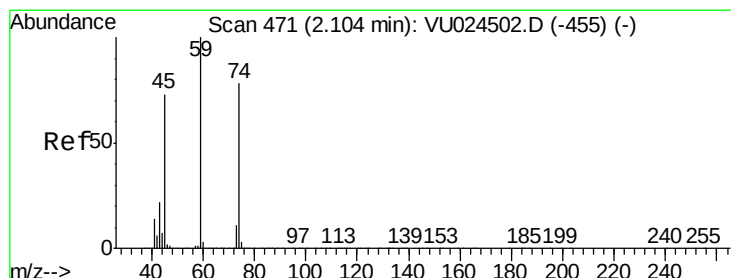
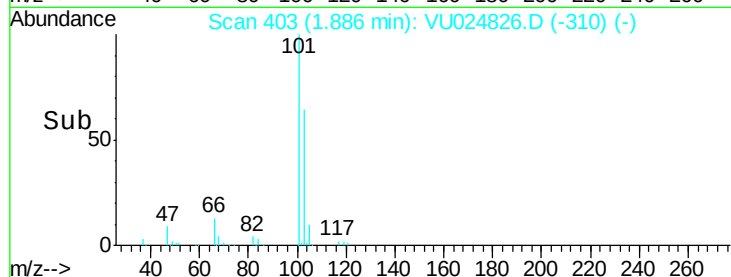
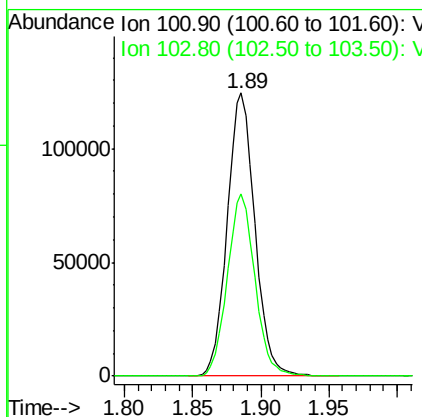
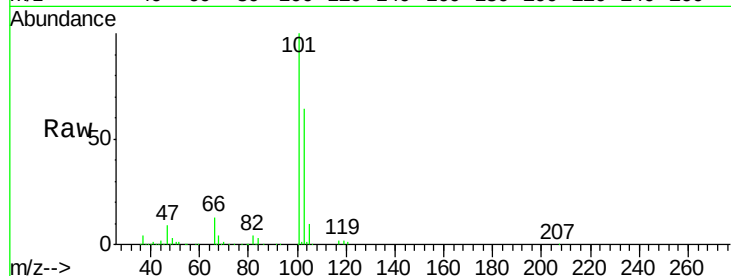
Trichlorofluoromethane
 Concen: 49.74 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU024826.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.3	78.5

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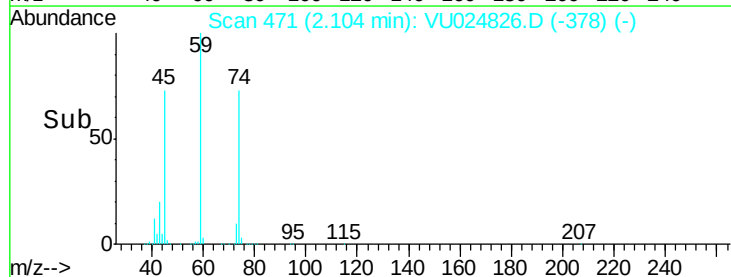
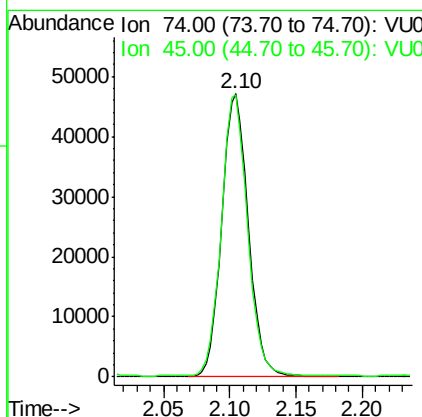
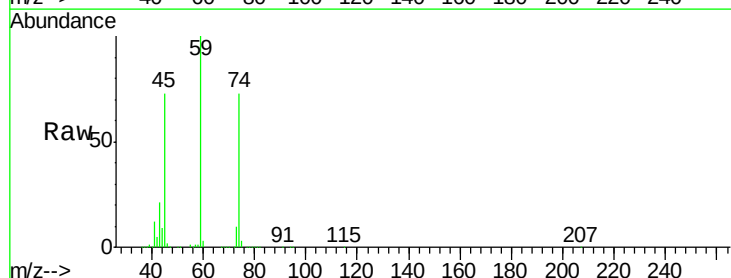
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 6/22/2018 4:02:21 PM

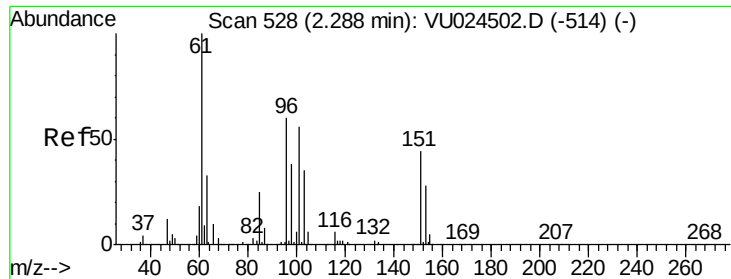


#8

Diethyl Ether
 Concen: 54.75 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.28 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

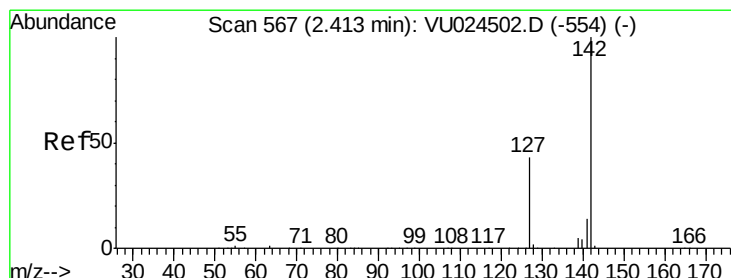
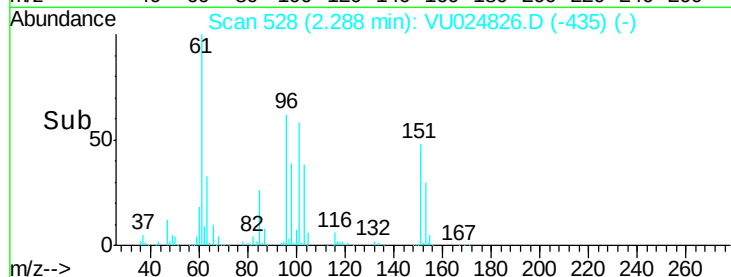
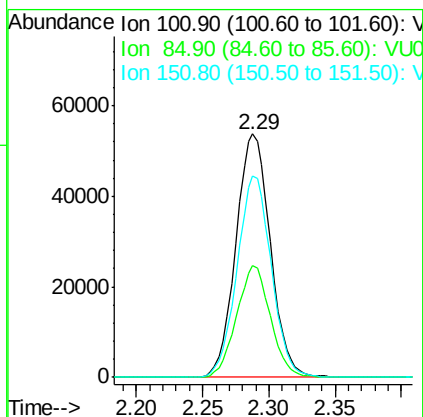
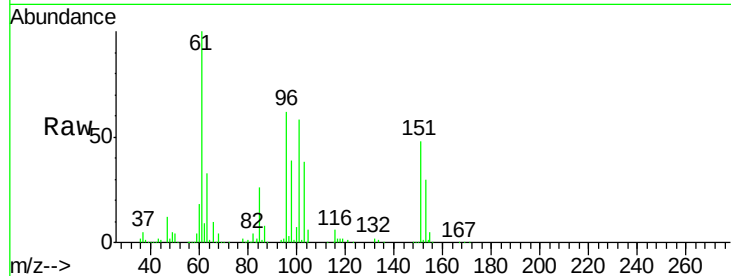
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	97124
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.0	54.0
151	82.4	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 53.30 ug/l

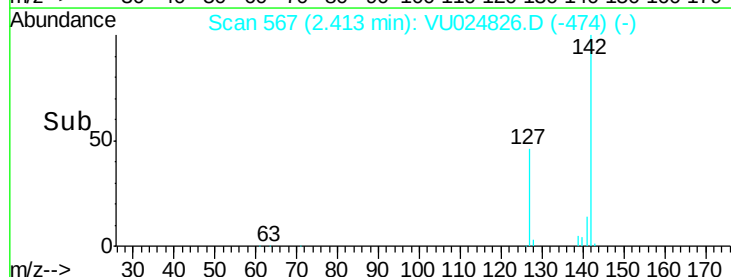
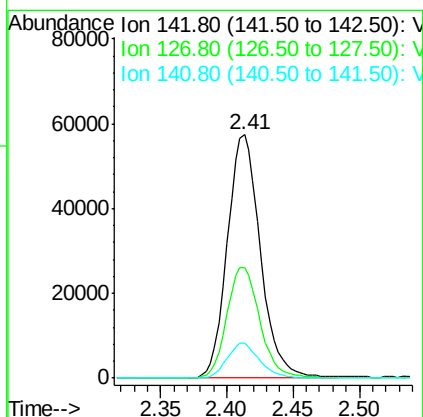
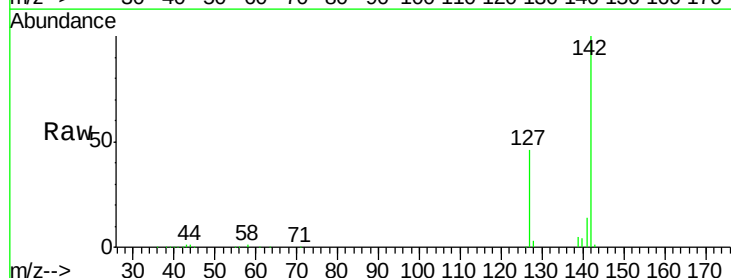
RT: 2.41 min Scan# 567

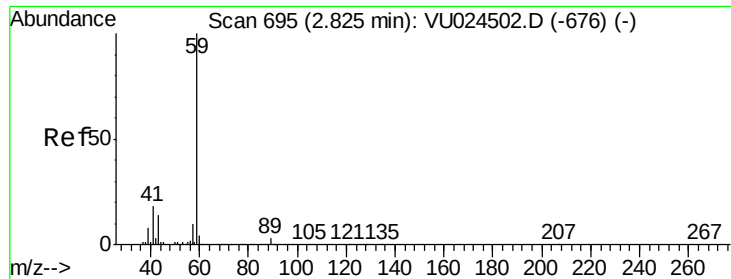
Delta R.T. 0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Tgt Ion:	142	Resp:	99663
Ion Ratio	Lower	Upper	
142	100		
127	45.6	35.6	53.4
141	14.2	11.7	17.5





#11

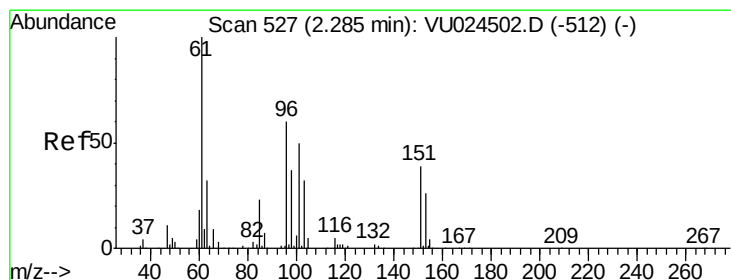
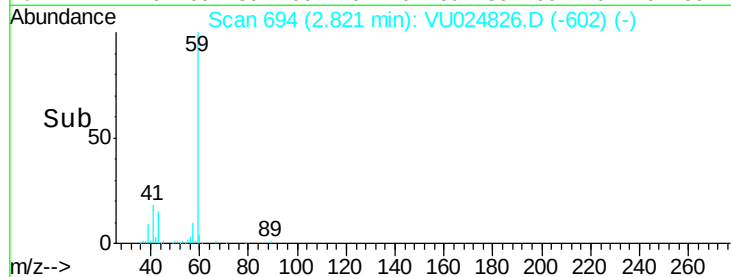
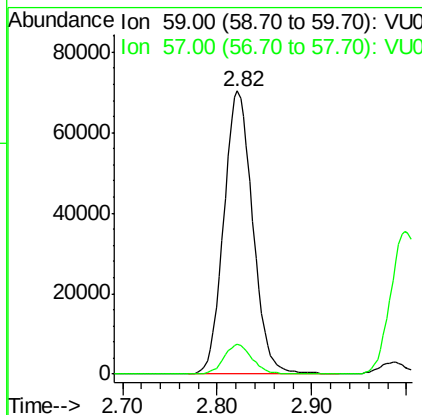
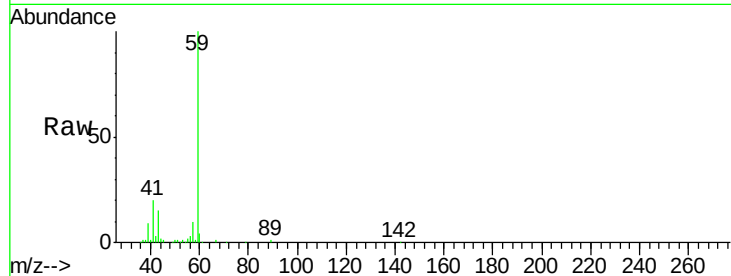
Tert butyl alcohol
 Concen: 214.40 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

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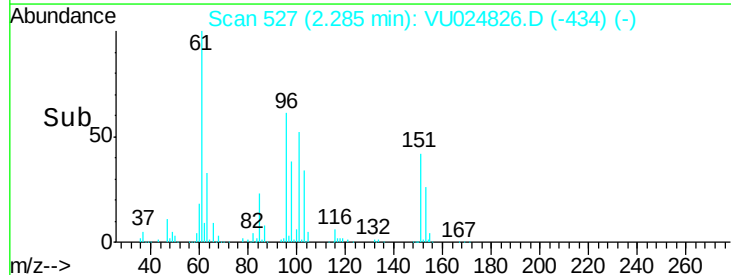
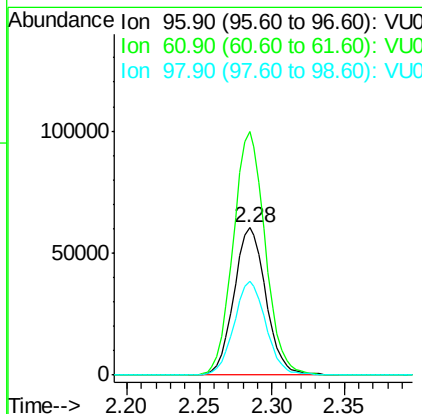
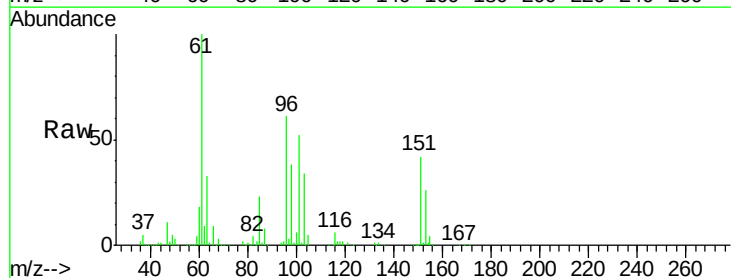
apatel
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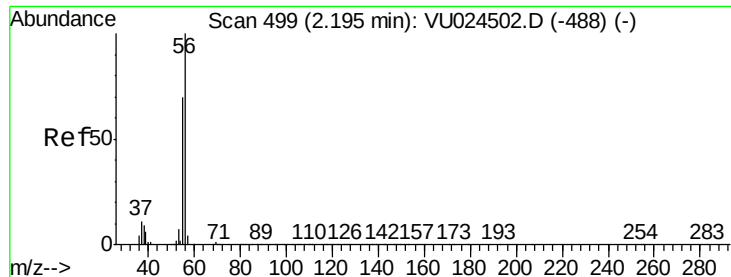


#12

1,1-Dichloroethene
 Concen: 46.28 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.2	141.7	212.5
98	63.3	51.6	77.4





#13

Acrolein

Concen: 187.11 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 68536

Ion Ratio Lower Upper

56 100

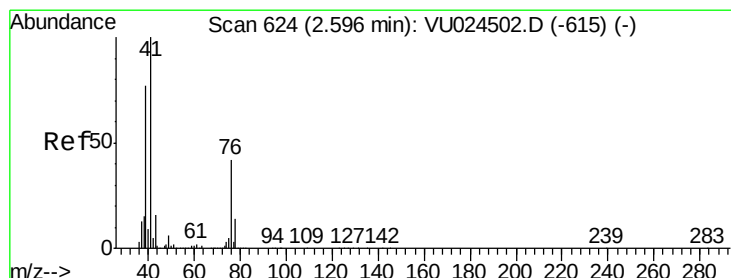
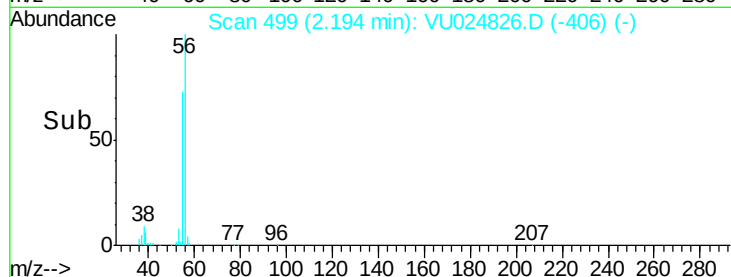
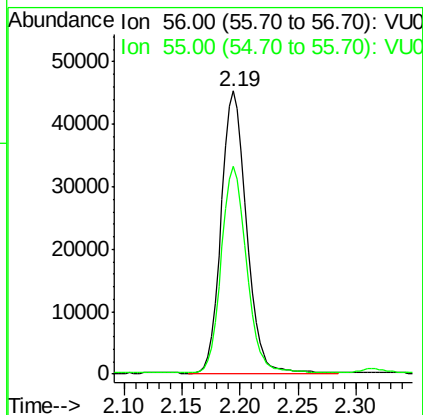
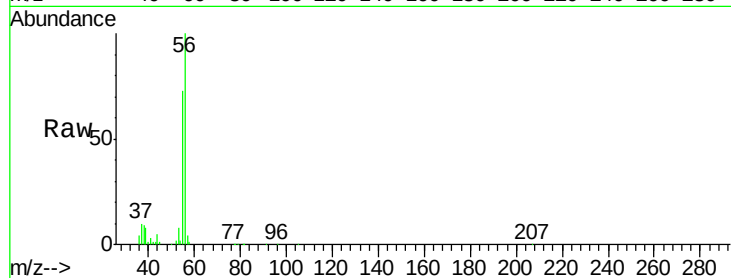
55 72.2 58.4 87.6

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#14

Allyl chloride

Concen: 48.10 ug/l m

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

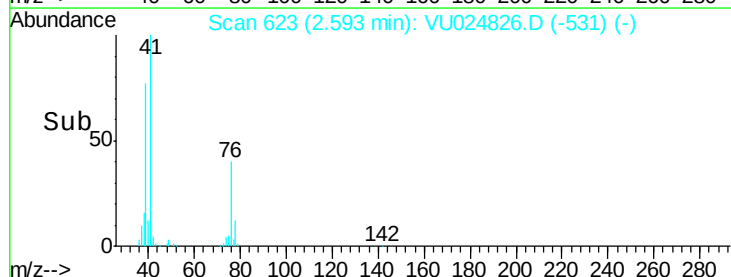
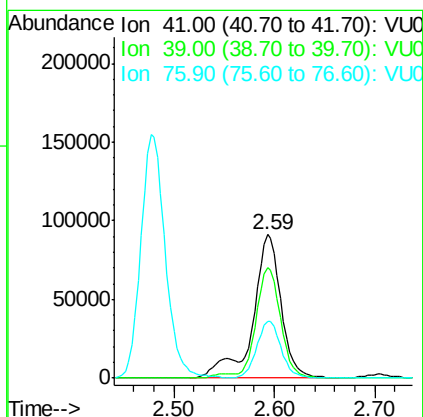
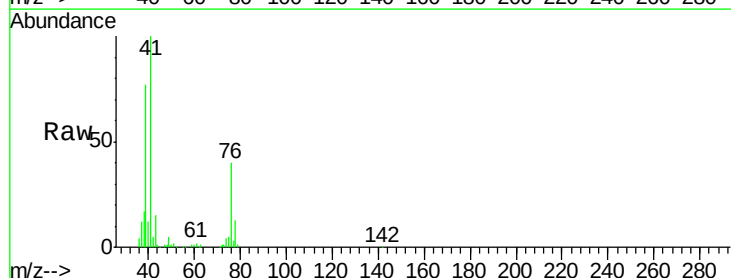
Tgt Ion: 41 Resp: 178658

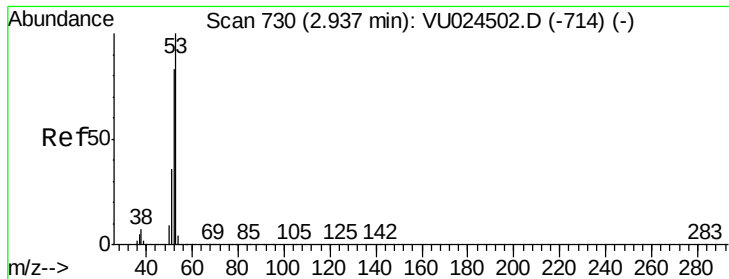
Ion Ratio Lower Upper

41 100

39 66.4 61.6 92.4

76 34.5 29.7 44.5





#15

Acrylonitrile

Concen: 242.09 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

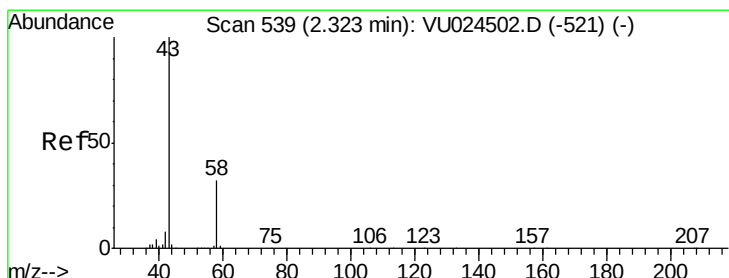
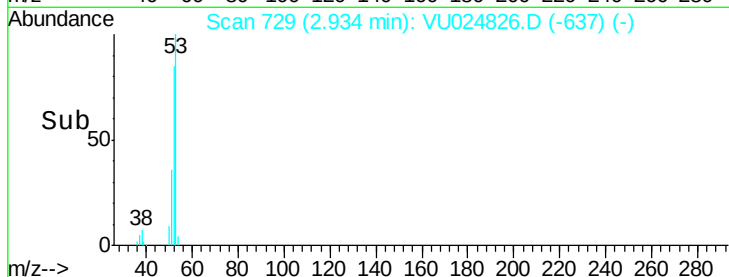
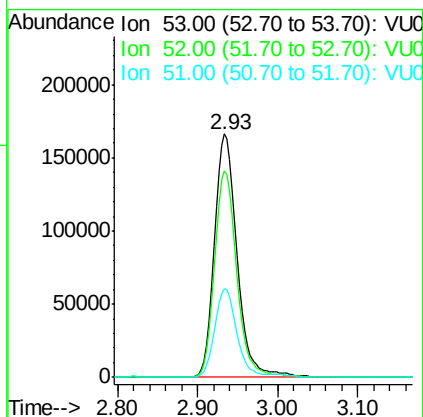
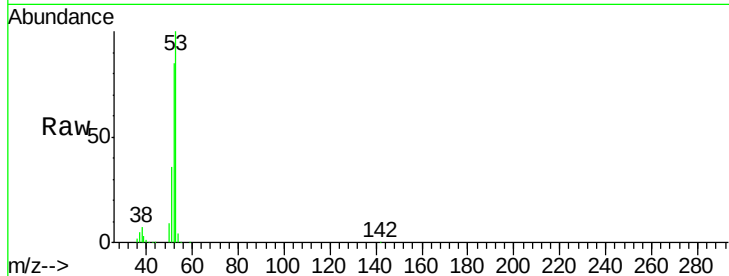
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	328539
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.1	100.7
51	35.5	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 187.33 ug/l

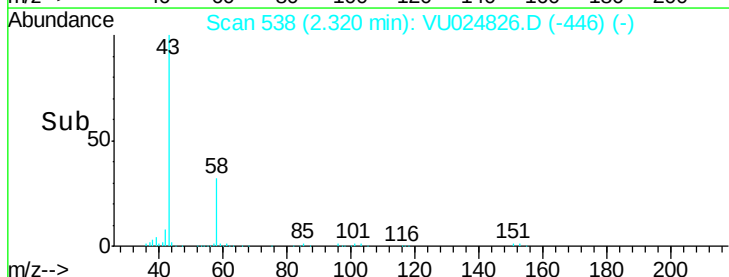
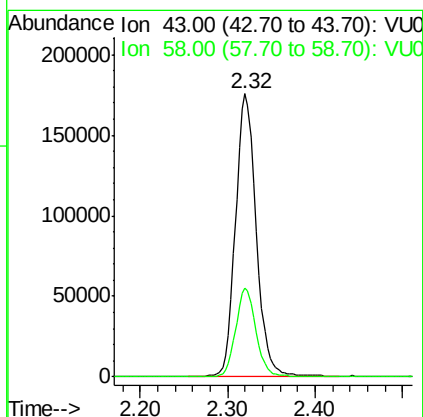
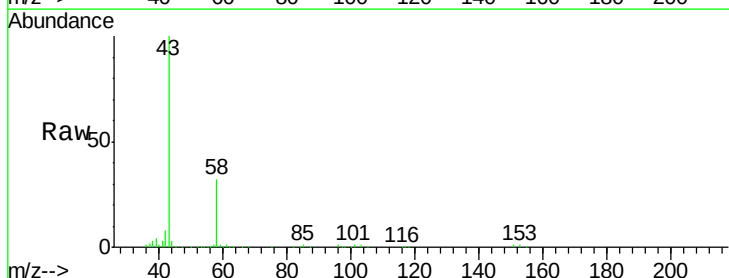
RT: 2.32 min Scan# 538

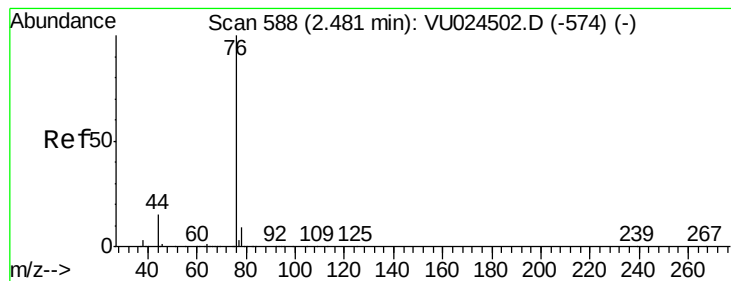
Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Tgt Ion:	43	Resp:	288661
Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.4	36.6





#17

Carbon Disulfide

Concen: 40.93 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 262149

Ion Ratio Lower Upper

76 100

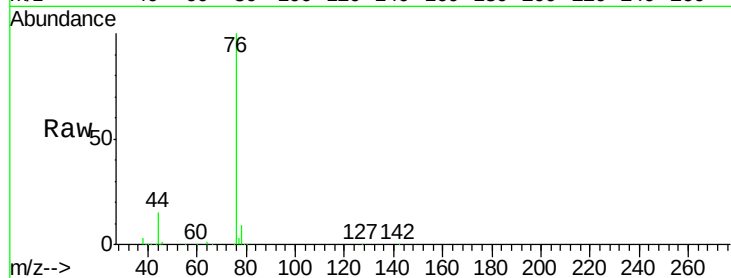
78 9.2 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

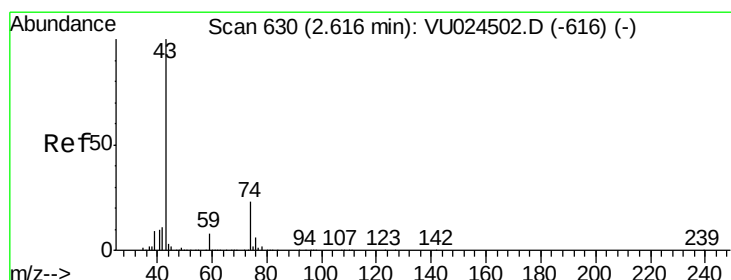
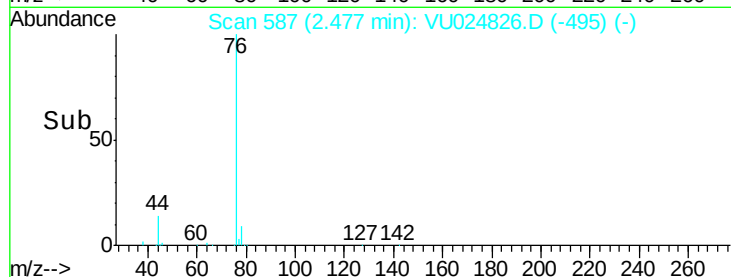
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.14 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU024826.D

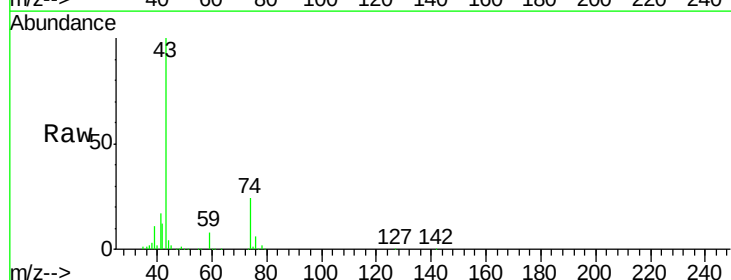
Acq: 21 Jun 2018 21:21

Tgt Ion: 43 Resp: 172227

Ion Ratio Lower Upper

43 100

74 23.7 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

100000

80000

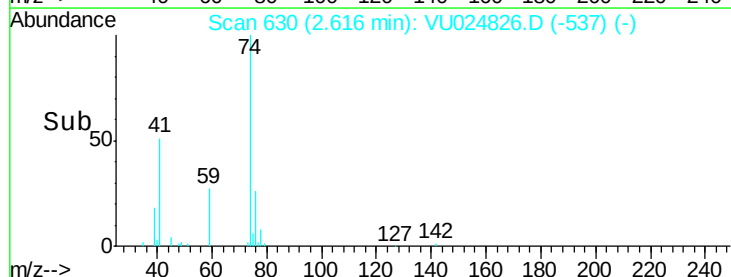
60000

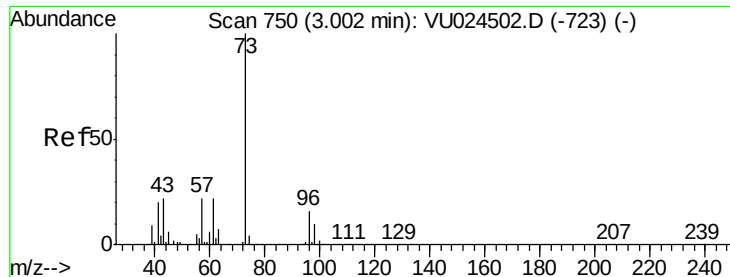
40000

20000

0

Time-->





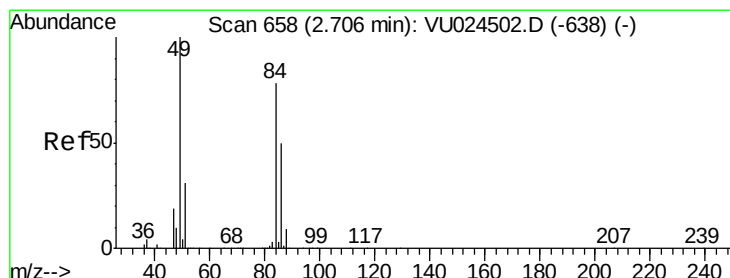
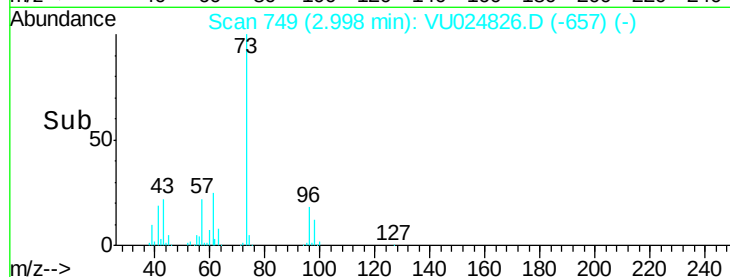
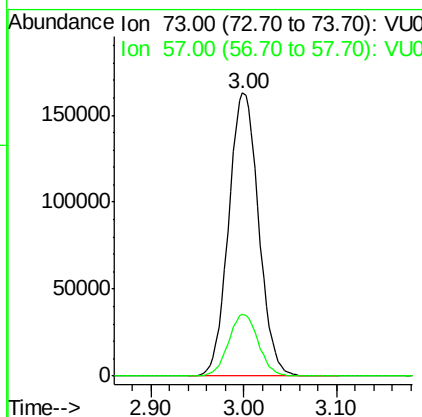
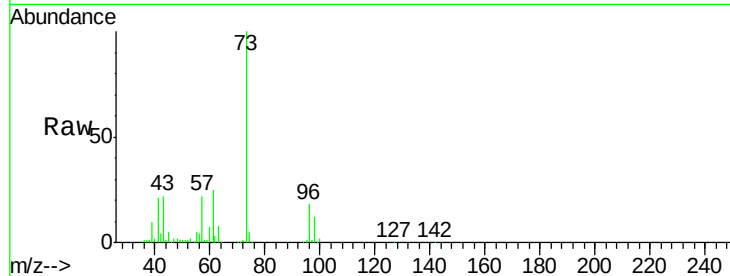
#19
Methyl tert-butyl Ether
Concen: 48.54 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.8	28.2

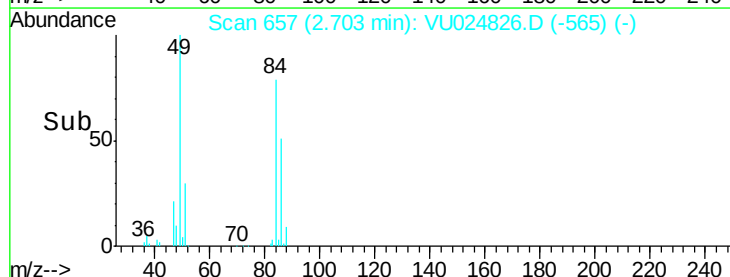
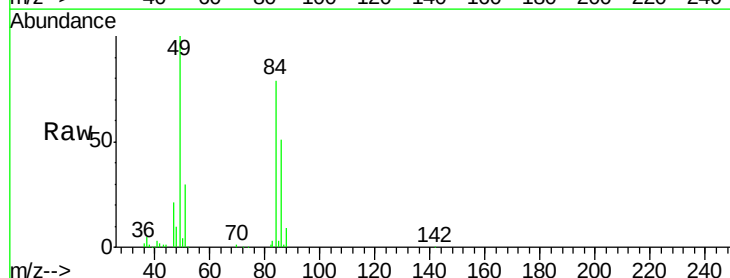
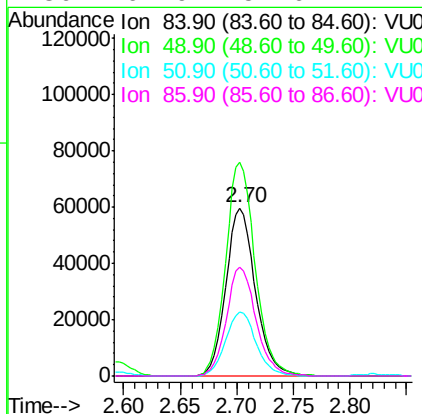
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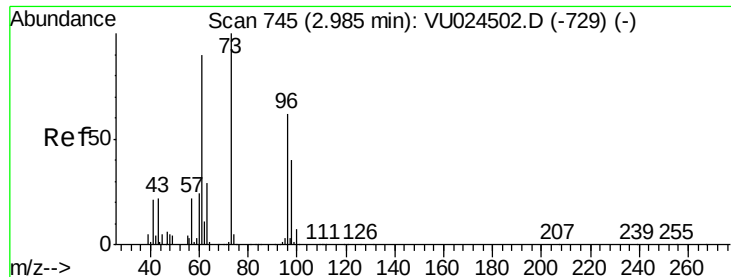
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#20
Methylene Chloride
Concen: 44.79 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.2	103.8	155.8
51	37.8	32.0	48.0
86	64.9	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 45.79 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

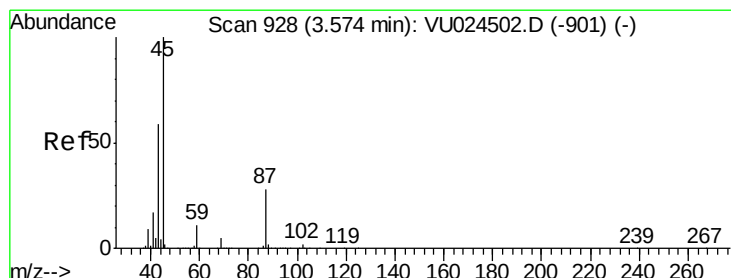
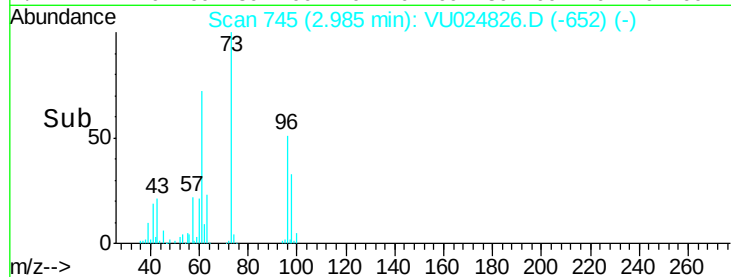
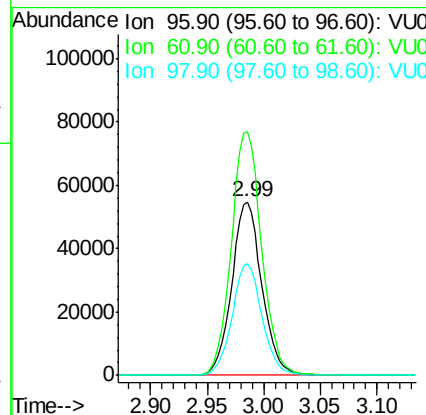
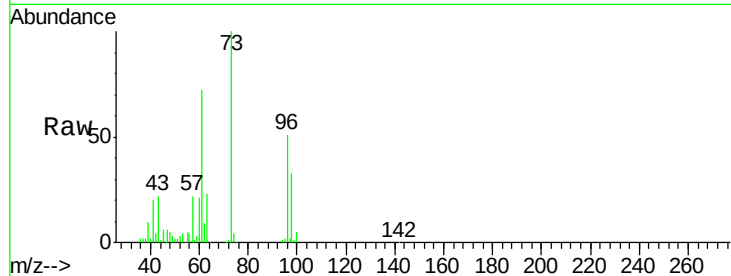
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	100893
Ion Ratio	Lower	Upper	
96	100		
61	140.3	119.4	179.0
98	64.2	51.1	76.7

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#22

Diisopropyl ether

Concen: 48.88 ug/l

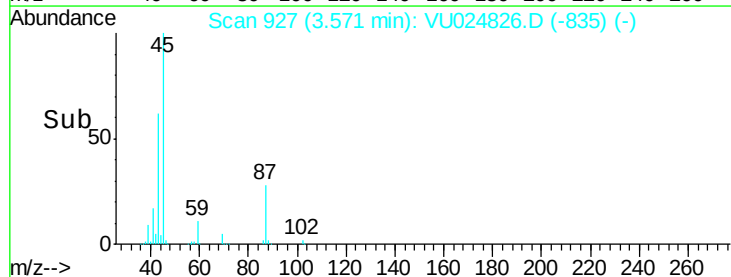
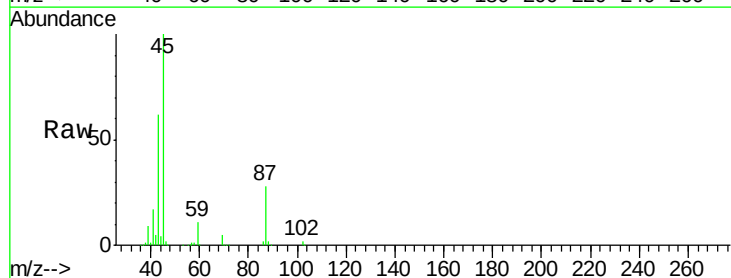
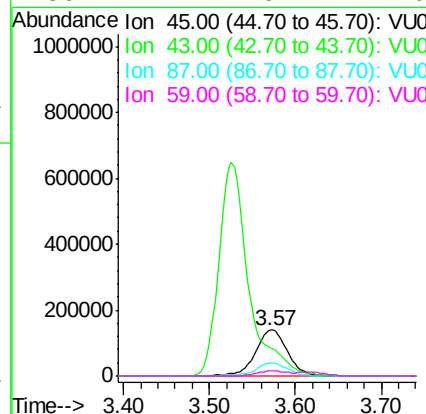
RT: 3.57 min Scan# 927

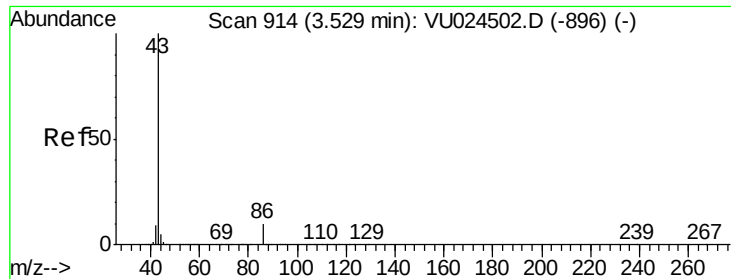
Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Tgt Ion:	45	Resp:	359849
Ion Ratio	Lower	Upper	
45	100		
43	61.6	45.8	68.6
87	28.1	20.6	31.0
59	11.1	9.4	14.0





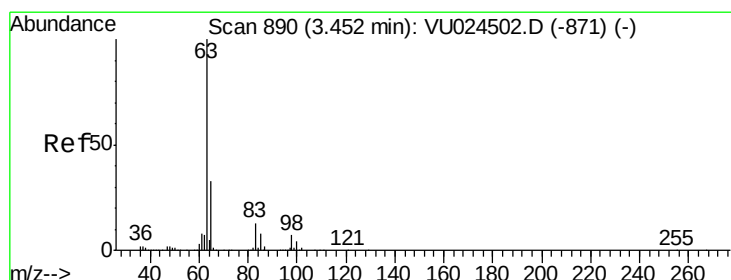
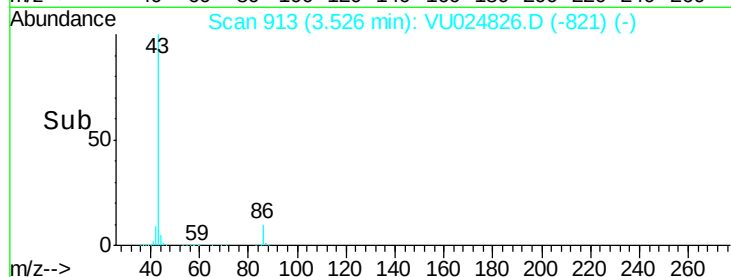
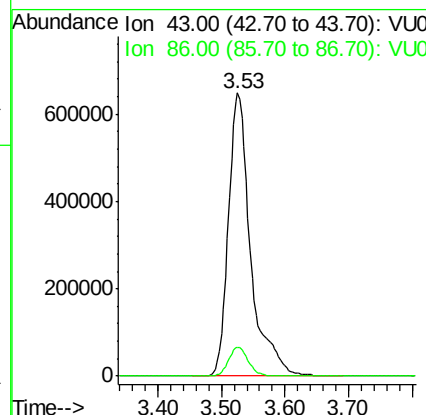
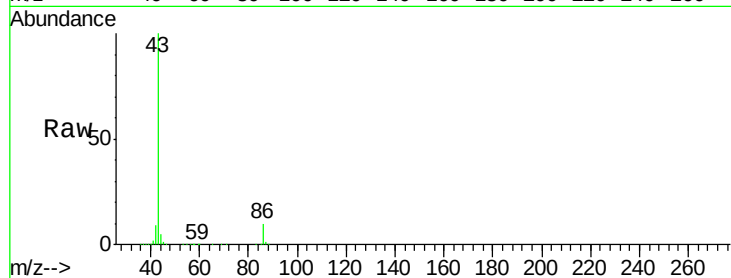
#23
 Vinyl Acetate
 Concen: 238.31 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1571703
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

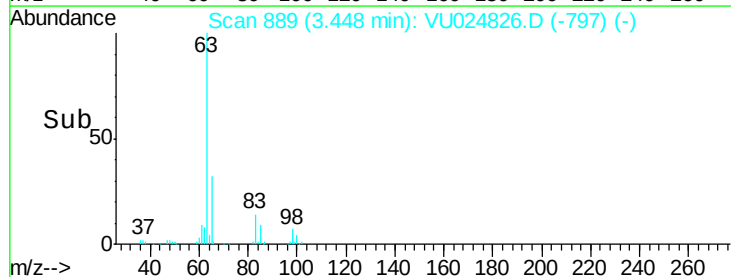
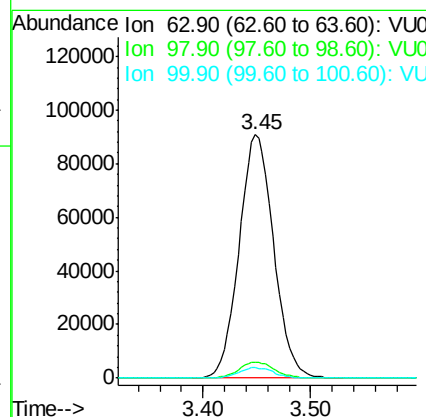
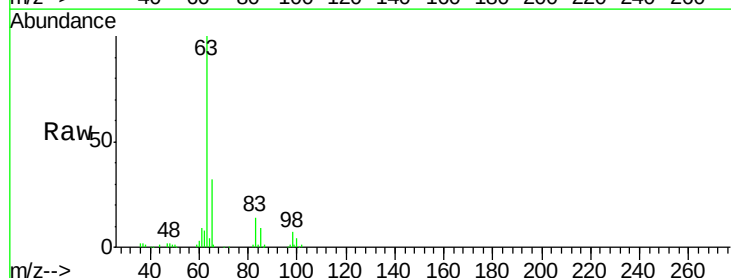
Manual Integrations
 APPROVED

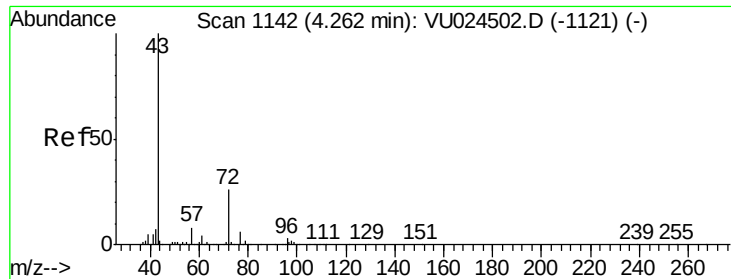
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#24
 1,1-Dichloroethane
 Concen: 47.73 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion: 63 Resp: 202139
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.1 1.8 5.5





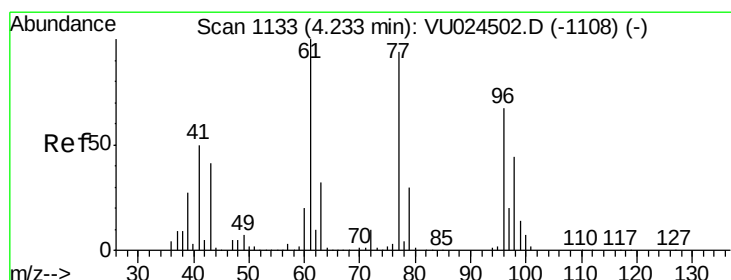
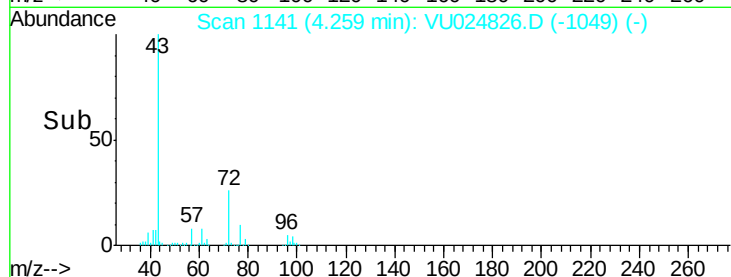
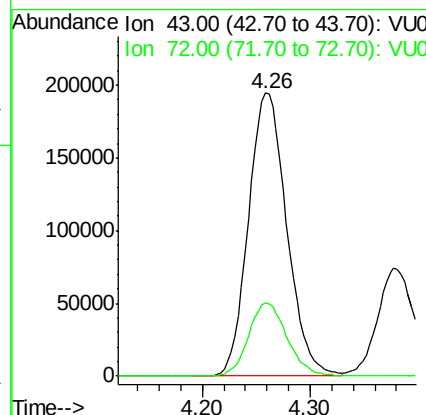
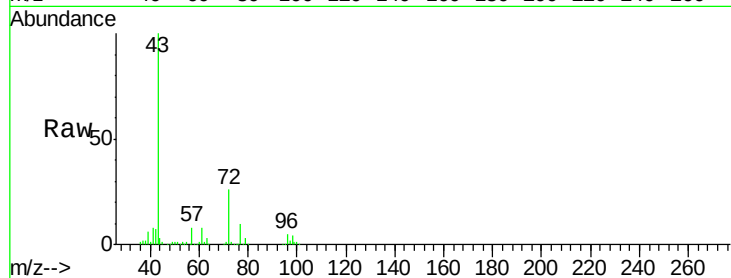
#25
2-Butanone
Concen: 231.58 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 479321
Ion Ratio Lower Upper
43 100
72 25.8 19.6 29.4

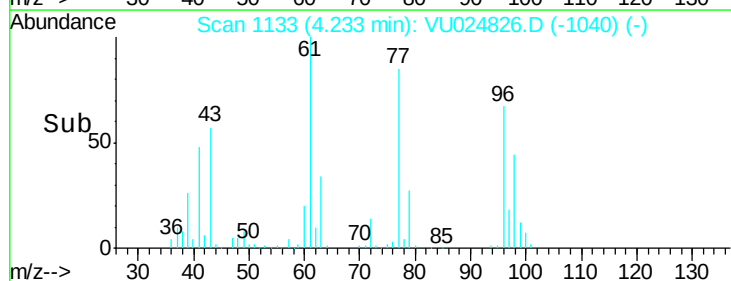
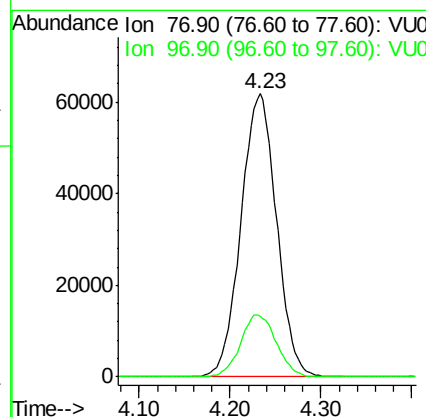
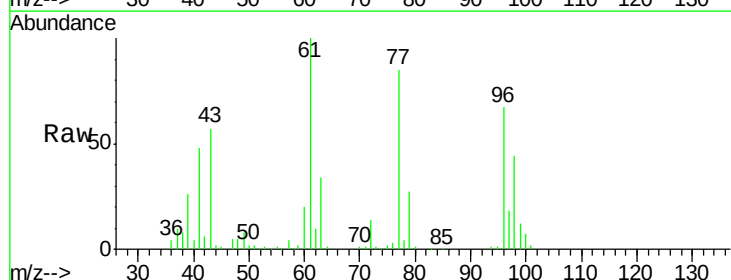
Manual Integrations
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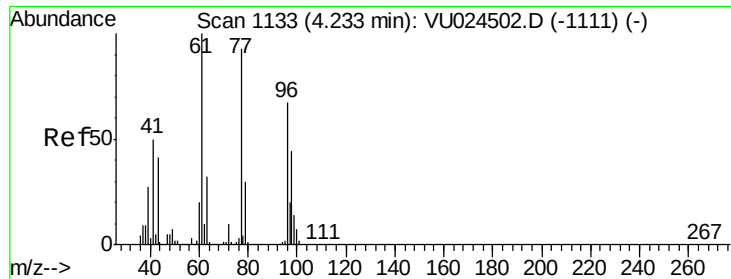
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#26
2,2-Dichloropropane
Concen: 41.68 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion: 77 Resp: 167611
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 48.18 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

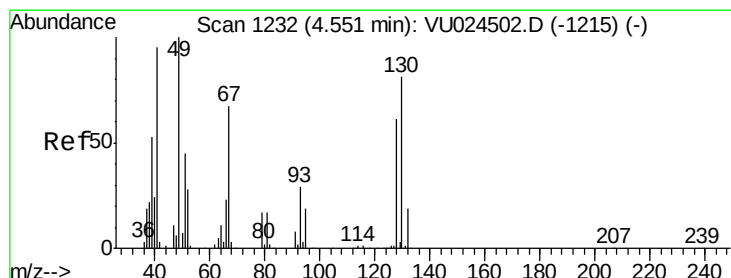
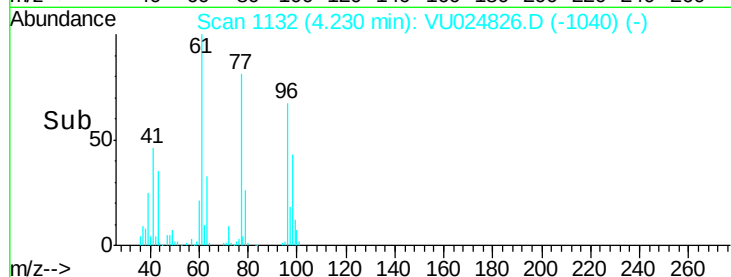
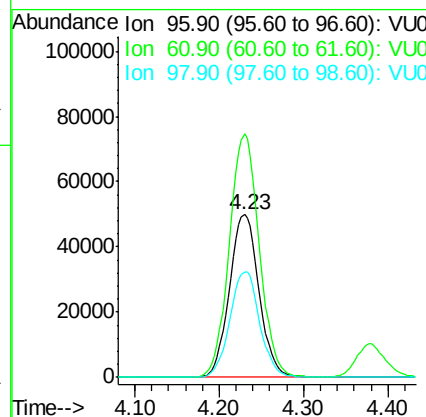
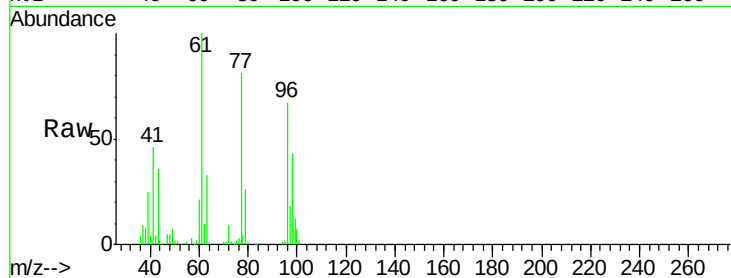
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	150.8	0.0	306.6		
98	65.2	0.0	128.8		

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#28

Bromochloromethane

Concen: 40.32 ug/l

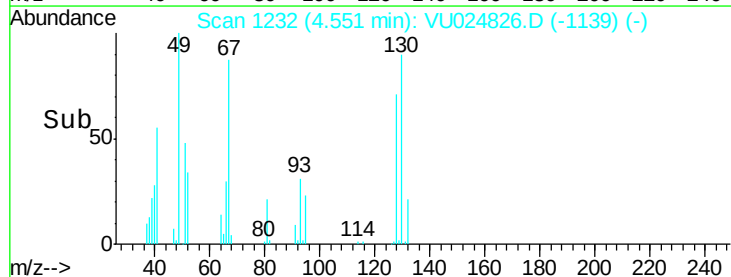
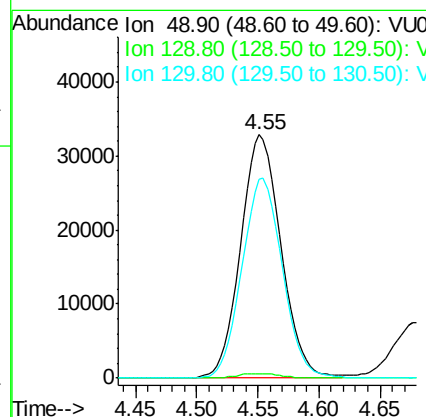
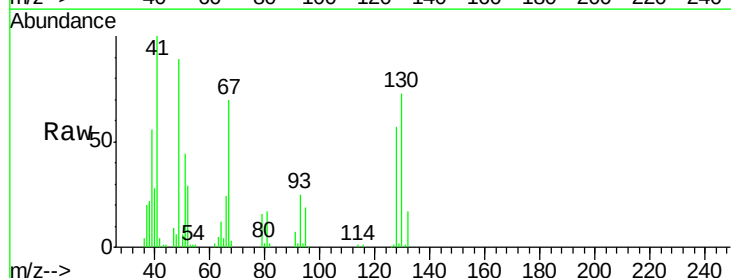
RT: 4.55 min Scan# 1232

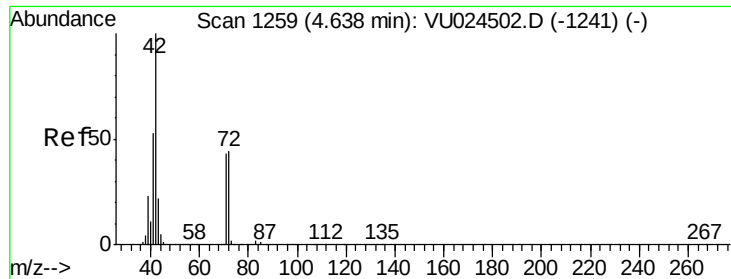
Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100				
129	2.0	0.0	3.8		
130	82.3	57.8	86.6		





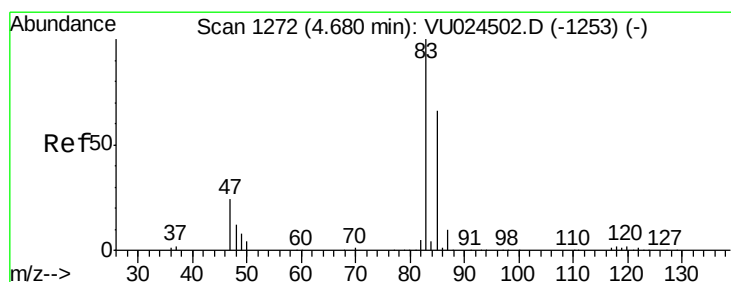
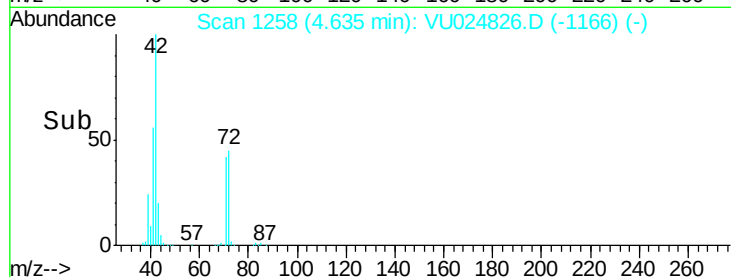
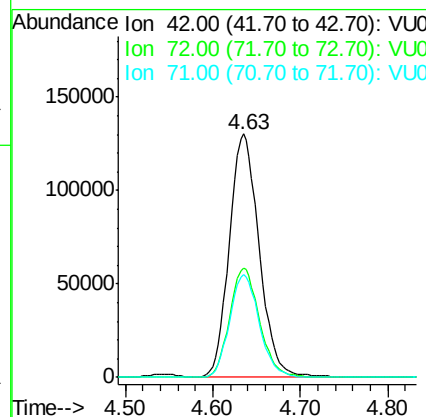
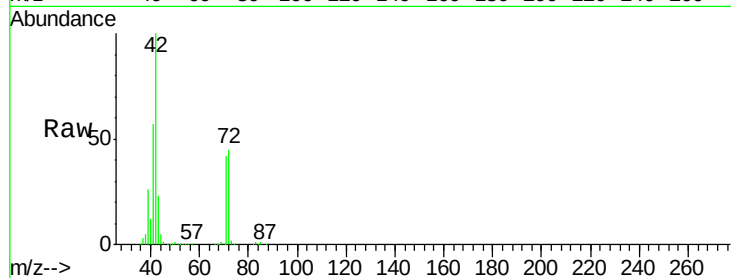
#29
Tetrahydrofuran
Concen: 239.05 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	34.5	51.7
71	42.3	32.2	48.4

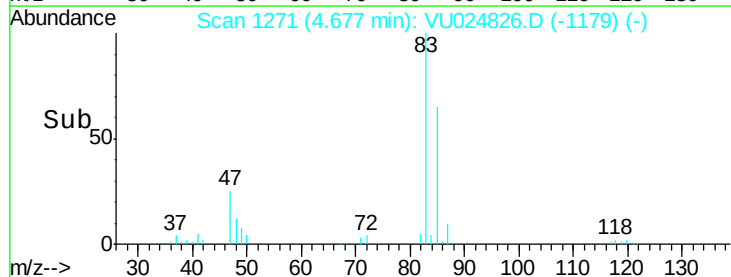
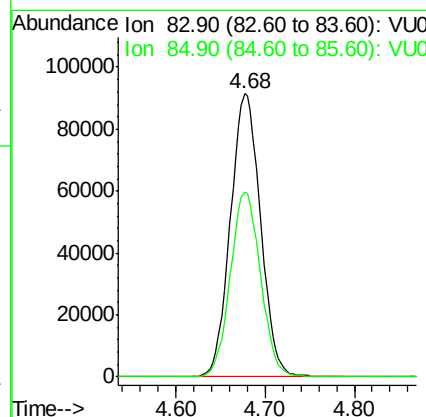
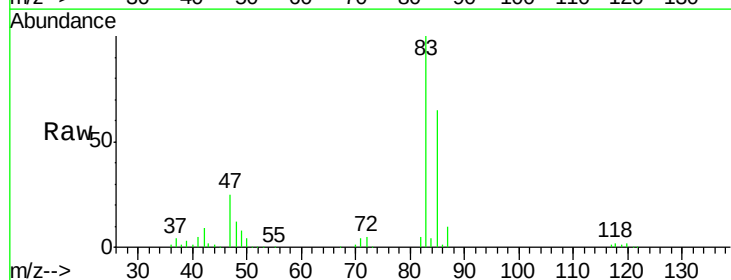
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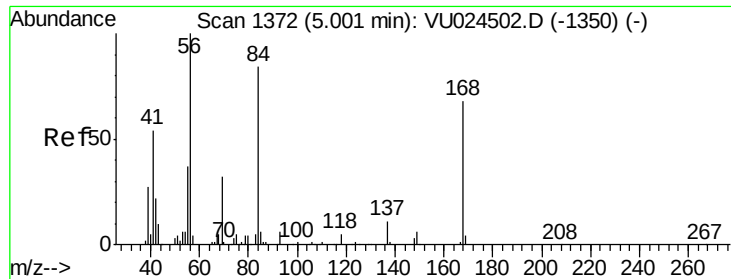
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#30
Chloroform
Concen: 49.93 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.4	78.6





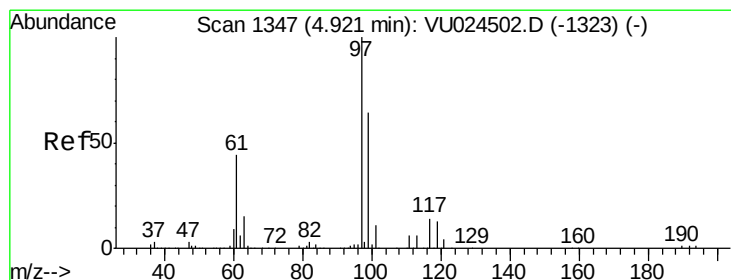
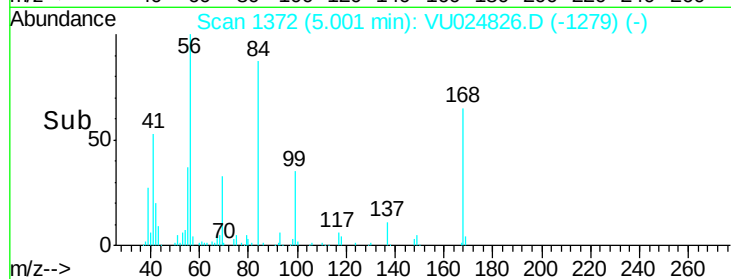
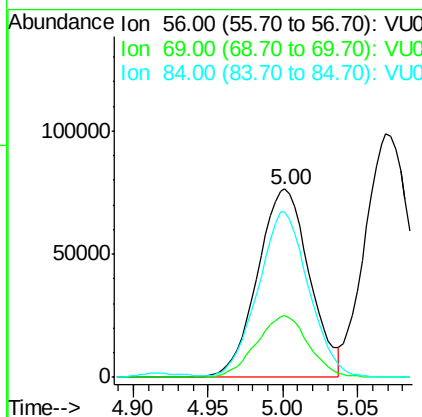
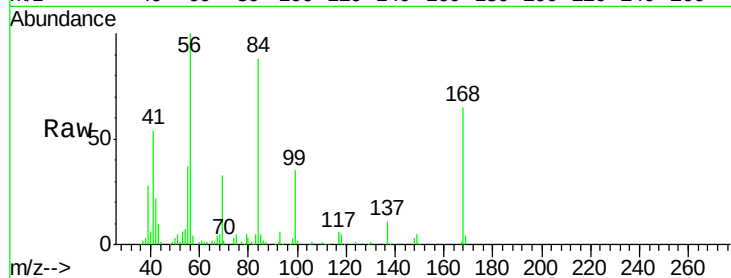
#31
Cyclohexane
Concen: 48.87 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.8	37.2
84	86.8	65.2	97.8

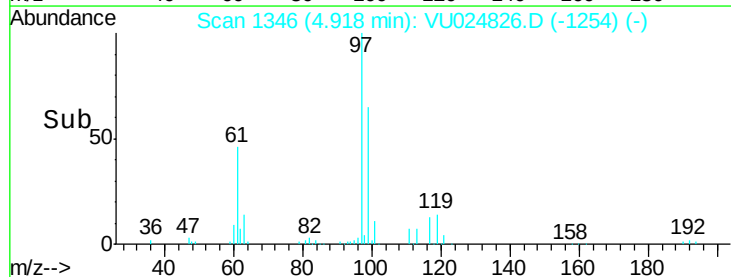
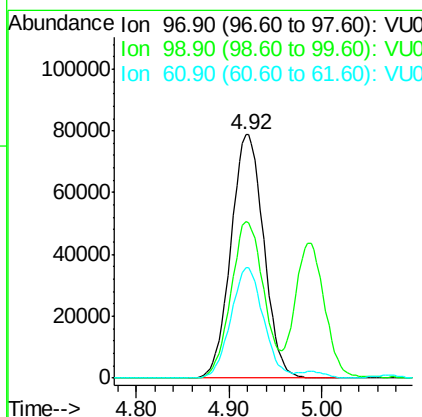
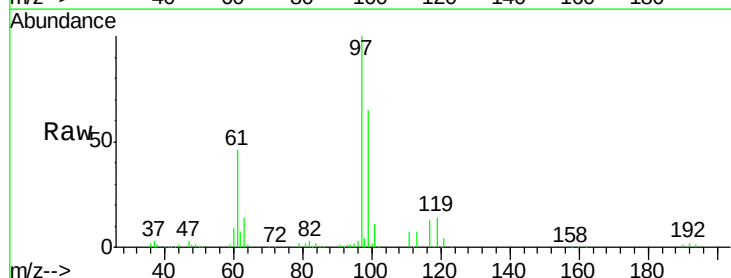
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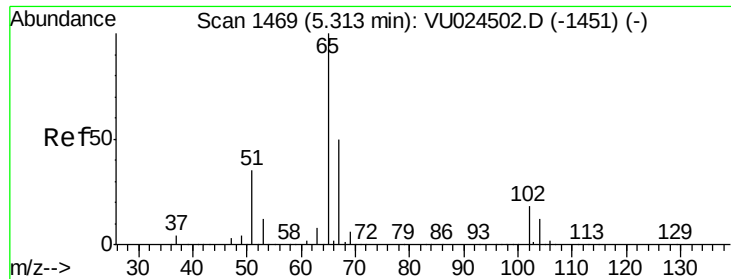
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#32
1,1,1-Trichloroethane
Concen: 48.80 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.6
61	45.1	39.4	59.0





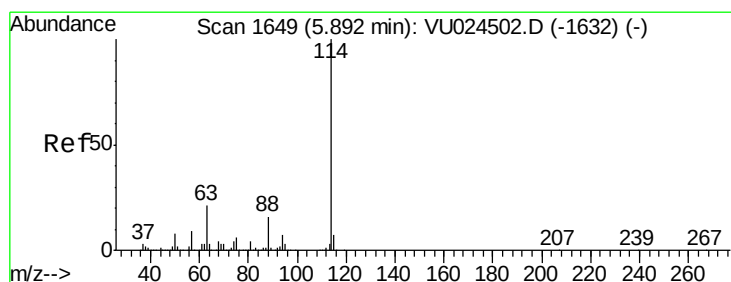
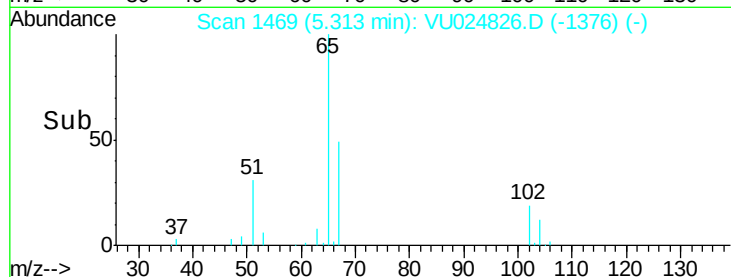
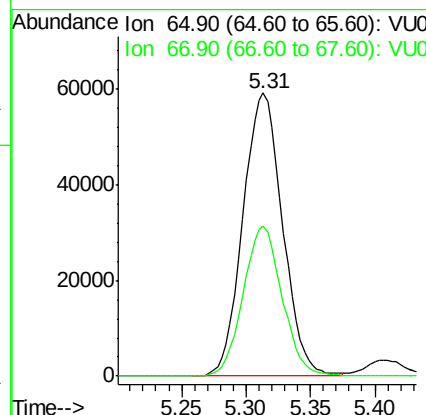
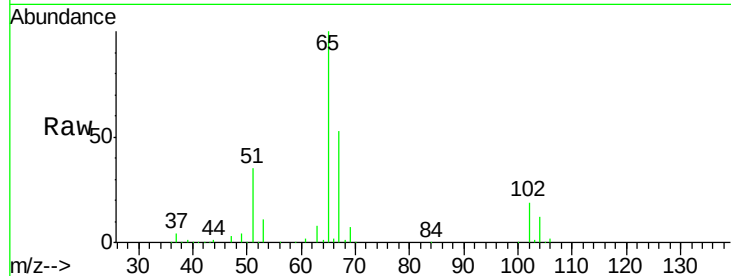
#33
 1,2-Dichloroethane-d4
 Concen: 44.07 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.0

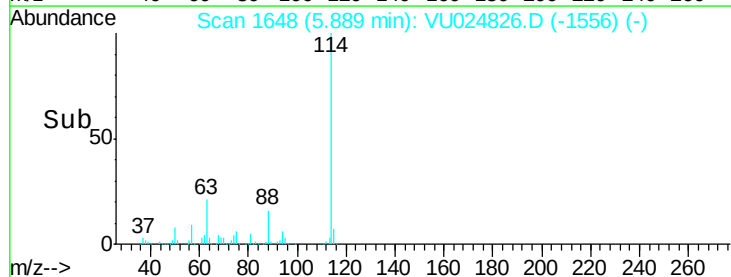
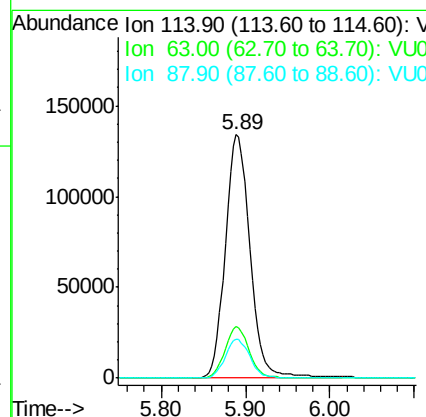
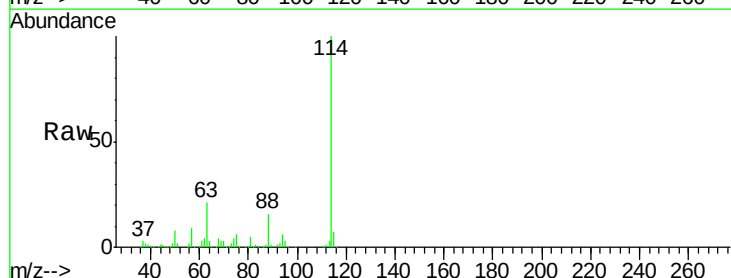
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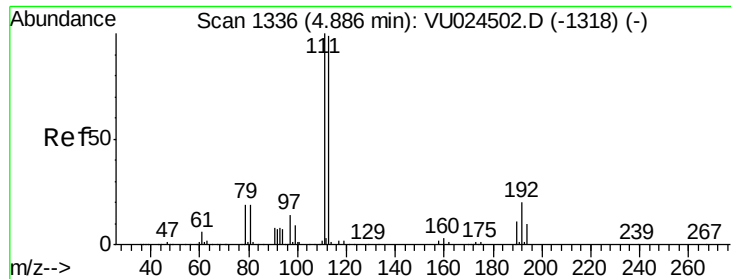
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	45.4
88	16.2	0.0	31.0





#35

Dibromofluoromethane

Concen: 43.56 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

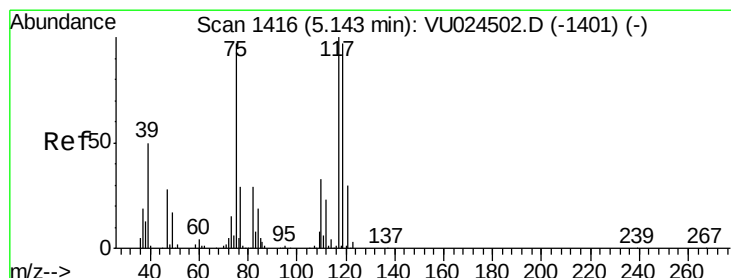
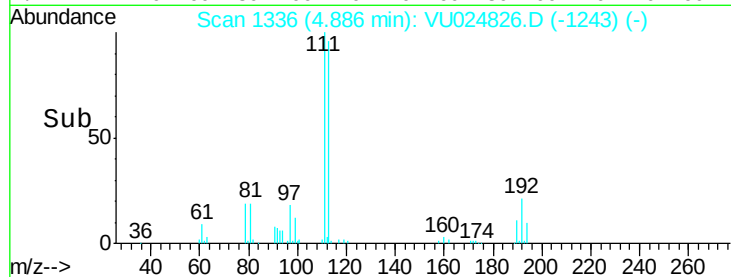
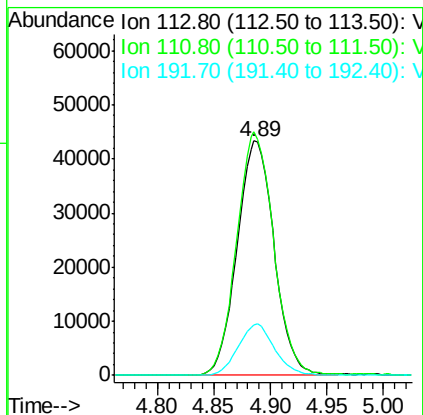
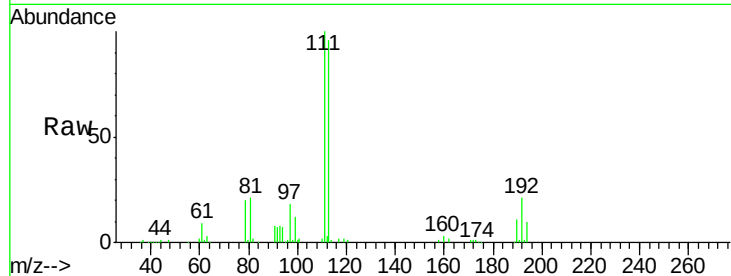
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	98797
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	21.3	16.2	24.4

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#36

1,1-Dichloropropene

Concen: 46.91 ug/l

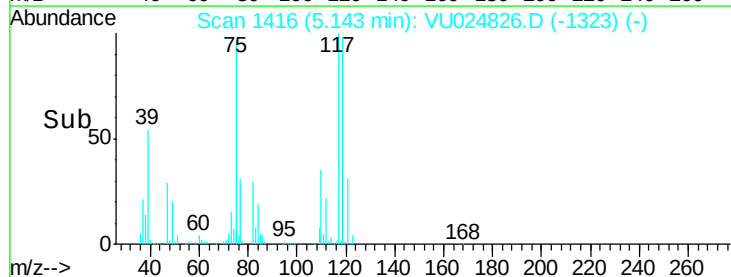
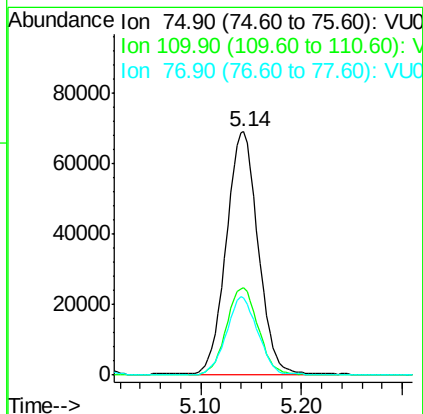
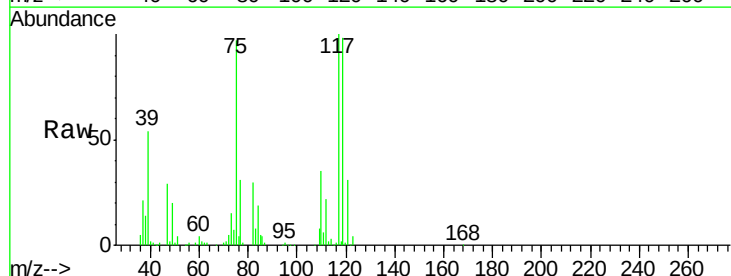
RT: 5.14 min Scan# 1416

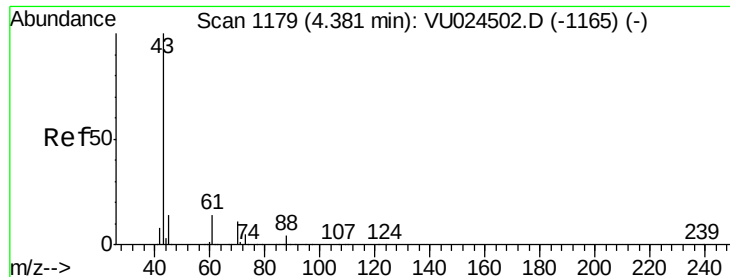
Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Tgt Ion:	75	Resp:	150617
Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.0	50.9
77	31.6	24.2	36.4





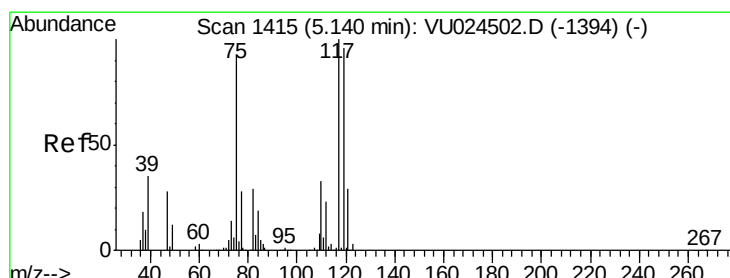
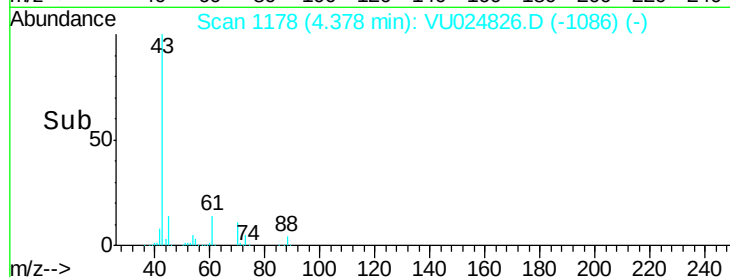
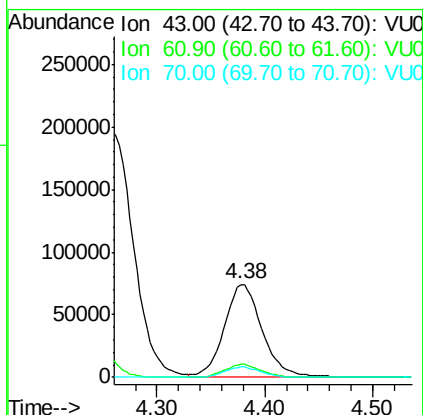
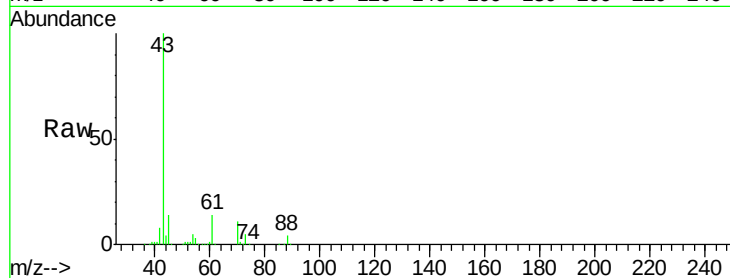
#37
Ethyl Acetate
Concen: 50.95 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.5	15.7
70	11.0	7.4	11.2

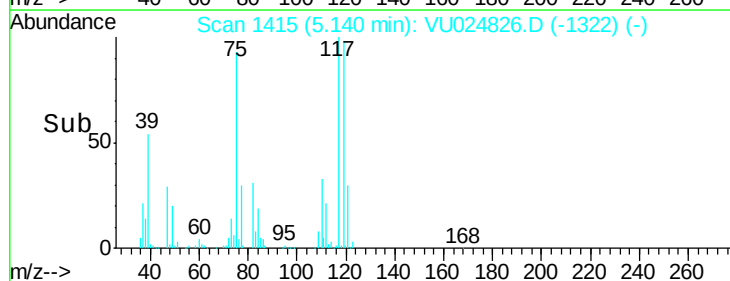
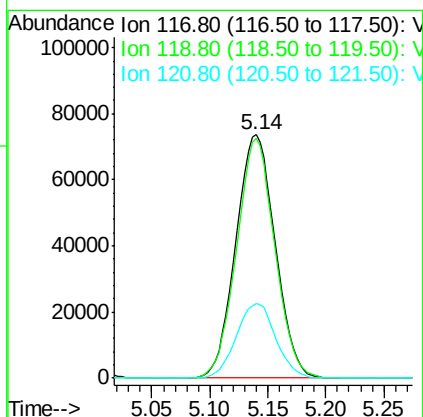
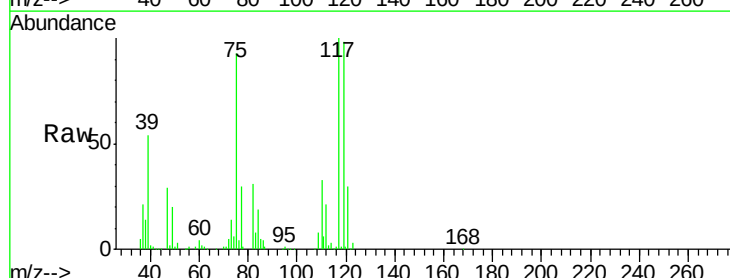
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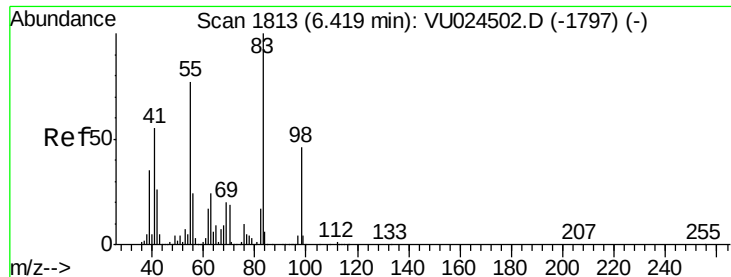
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#38
Carbon Tetrachloride
Concen: 49.16 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.1	114.1
121	30.4	23.7	35.5





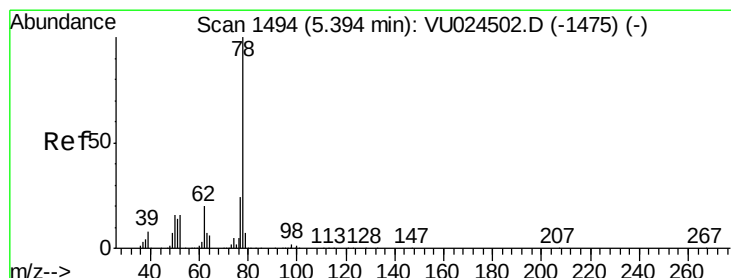
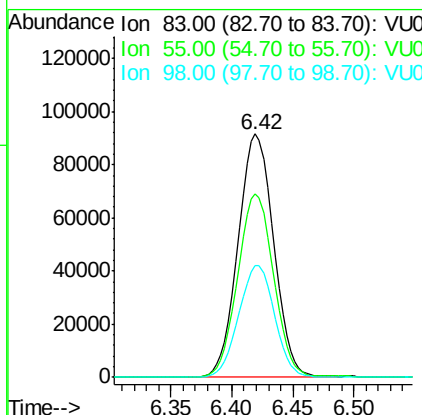
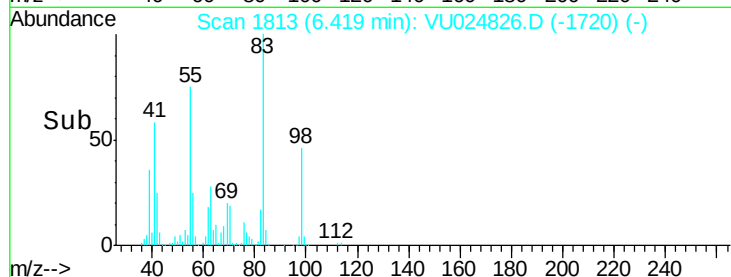
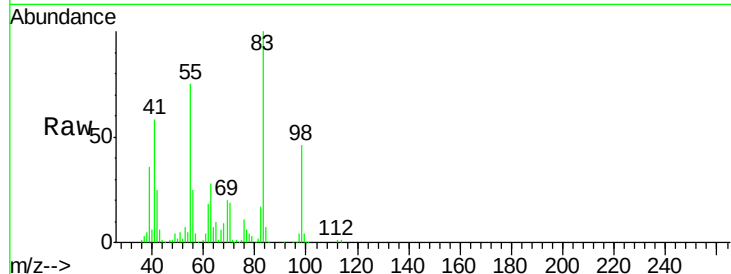
#39
Methylvlcyclohexane
Concen: 46.18 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	185052
Ion Ratio	Lower	Upper	
83	100		
55	75.3	65.8	98.6
98	45.9	36.7	55.1

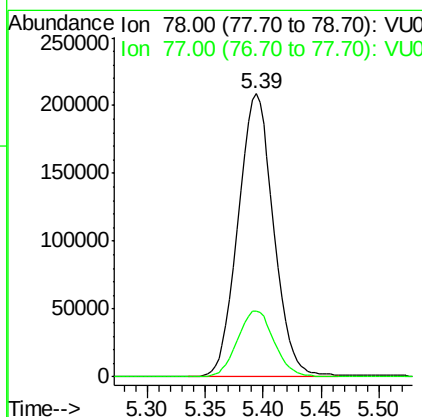
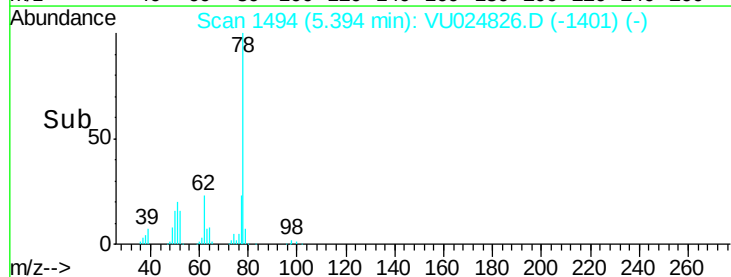
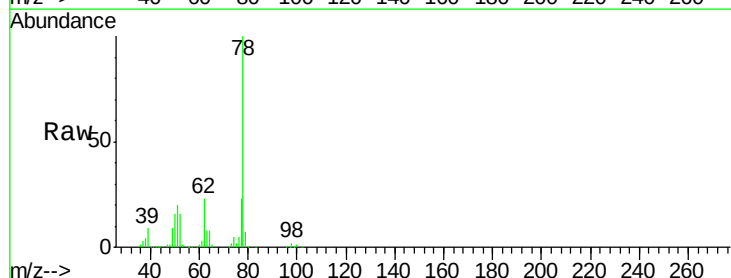
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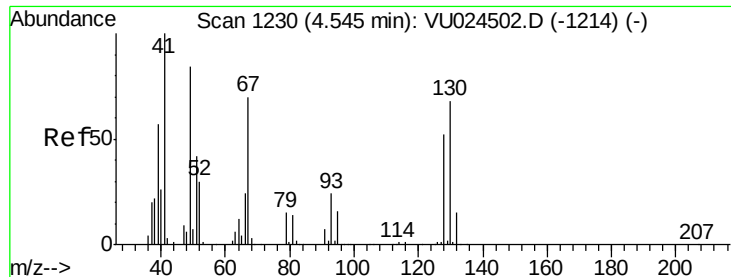
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#40
Benzene
Concen: 48.59 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion	78	Resp	444599
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.2	28.8





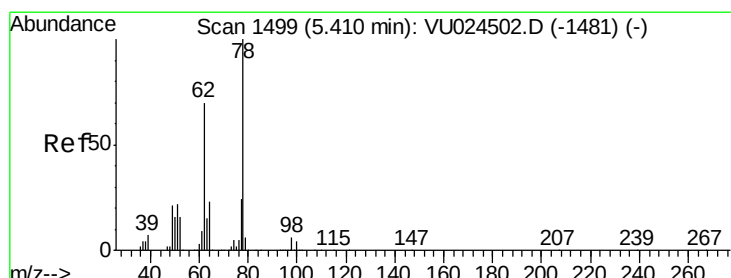
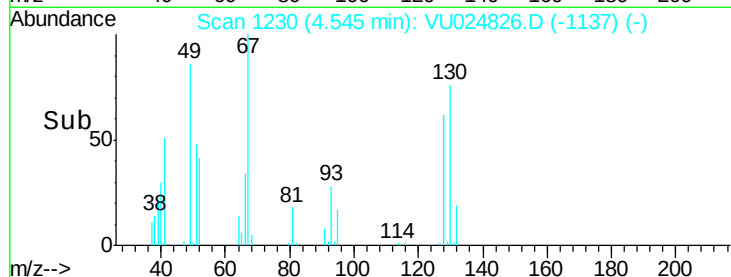
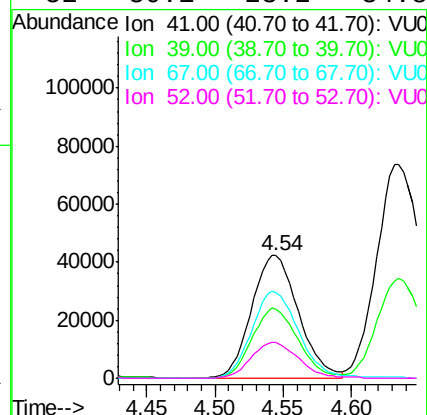
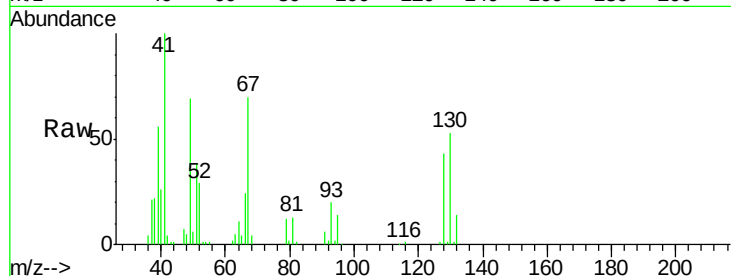
#41
Methacrylonitrile
Concen: 53.25 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.4	43.8	65.6
67	71.3	56.3	84.5
52	30.1	23.2	34.8

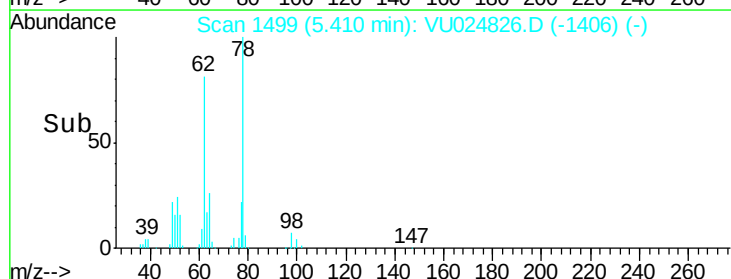
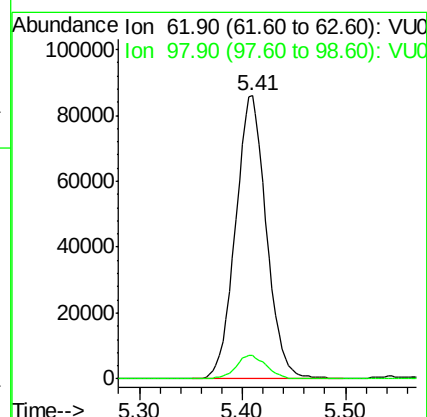
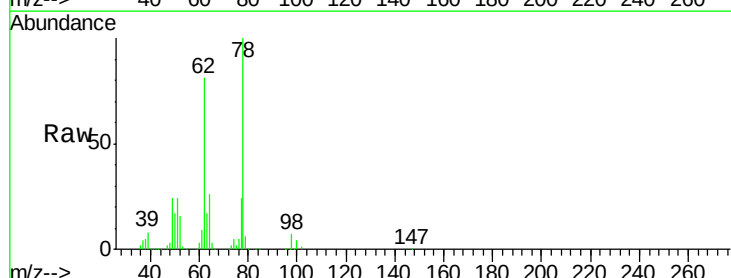
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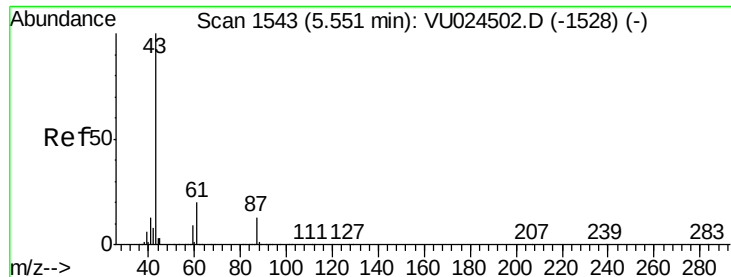
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#42
1,2-Dichloroethane
Concen: 51.39 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 47.80 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

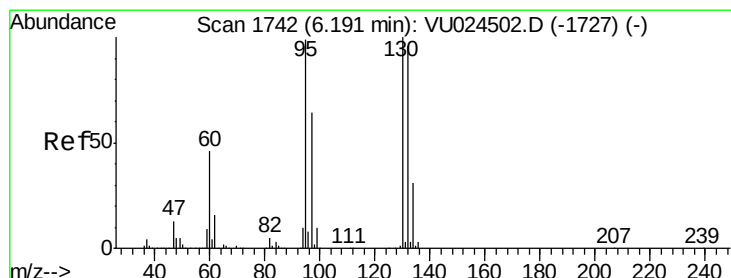
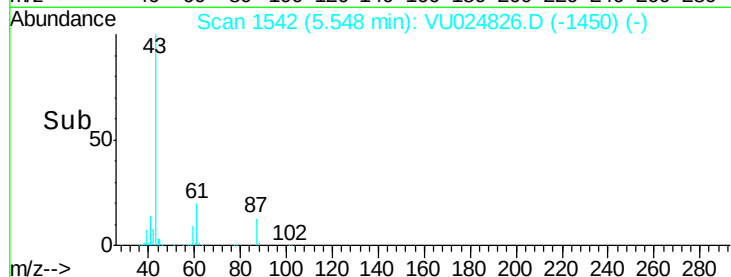
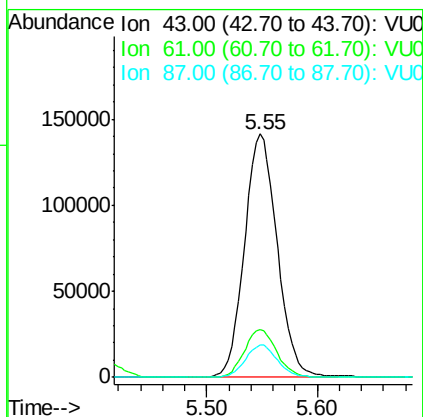
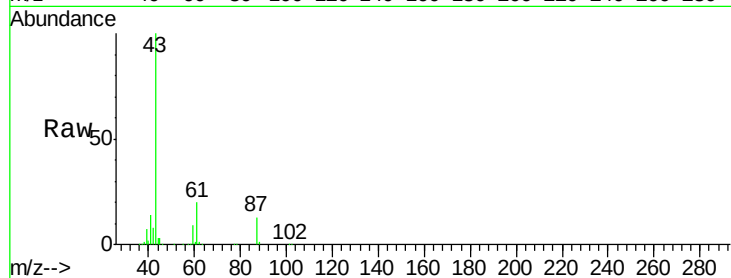
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	289199
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.0
87	13.2	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 47.40 ug/l

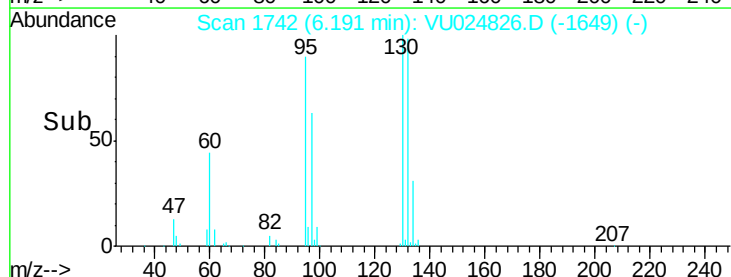
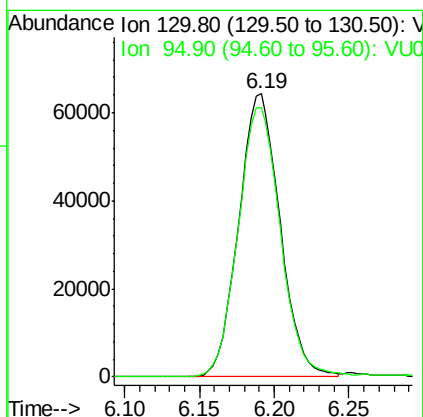
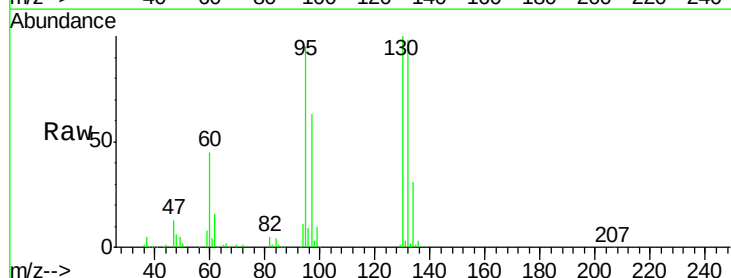
RT: 6.19 min Scan# 1742

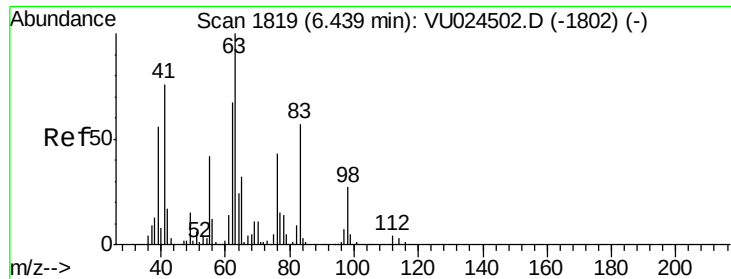
Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Tgt Ion:	130	Resp:	123430
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	202.4





#45

1,2-Dichloropropane

Concen: 49.94 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 121927

Ion Ratio Lower Upper

63 100

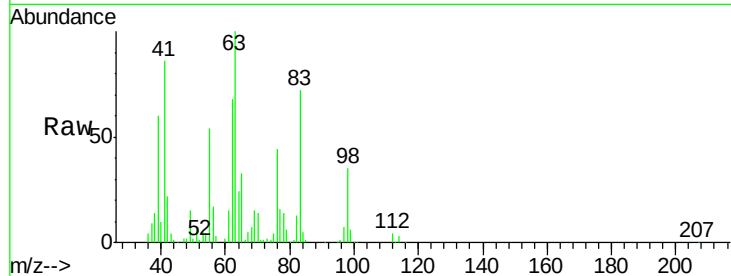
65 32.6 24.8 37.2

Manual Integrations

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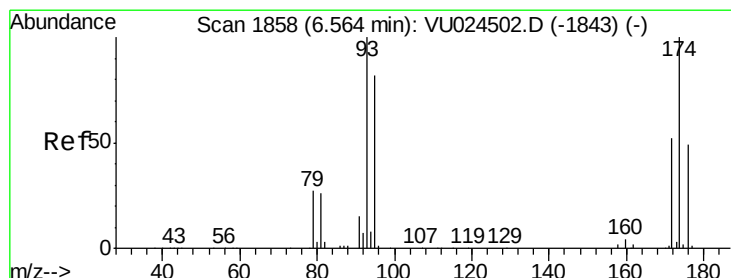
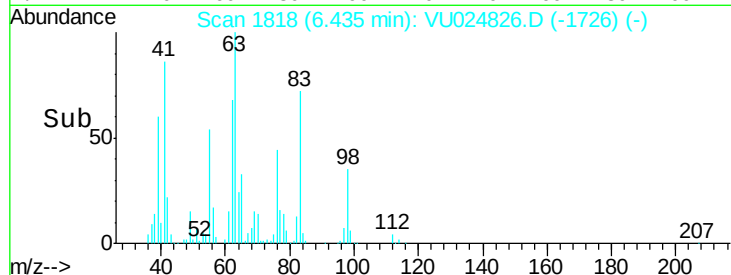
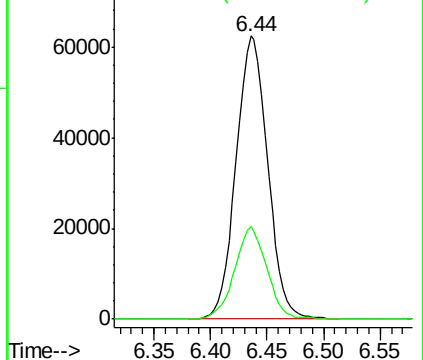
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 50.26 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

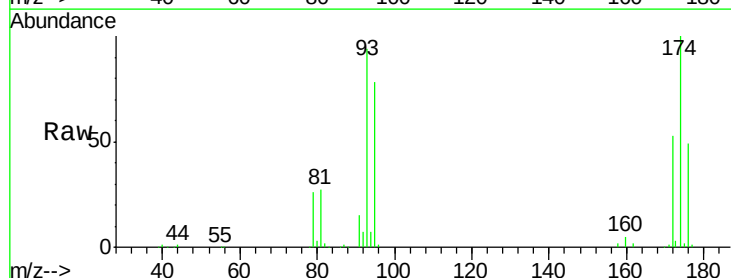
Tgt Ion: 93 Resp: 86181

Ion Ratio Lower Upper

93 100

95 83.7 65.5 98.3

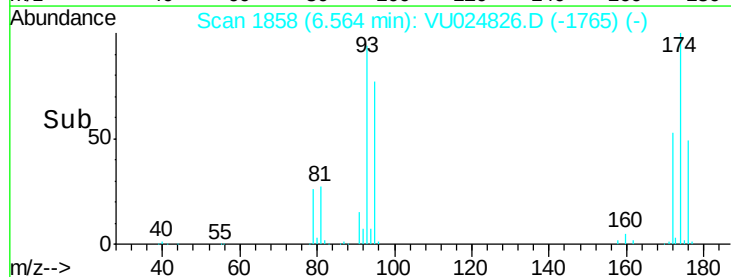
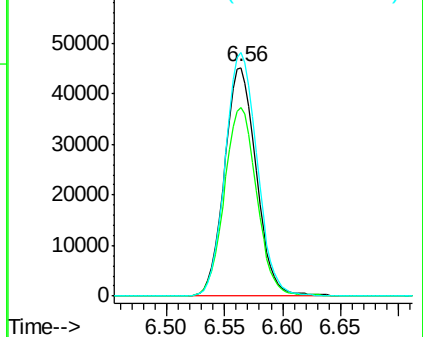
174 106.9 78.7 118.1

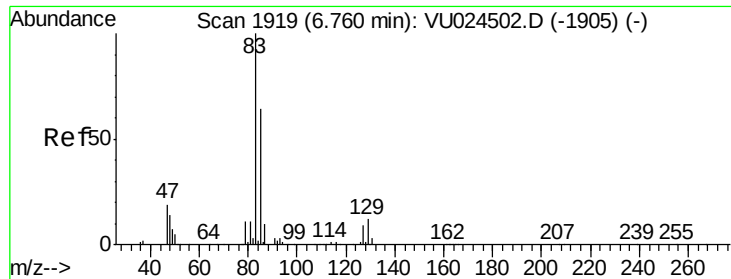


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.83 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

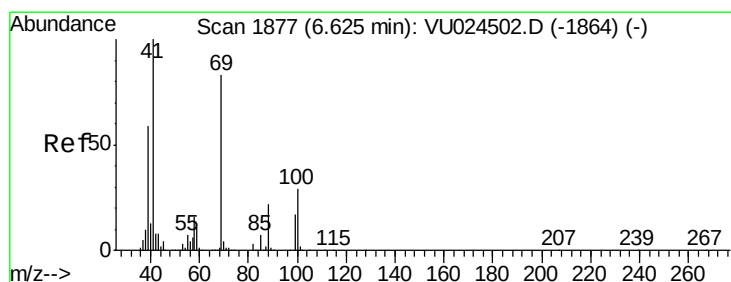
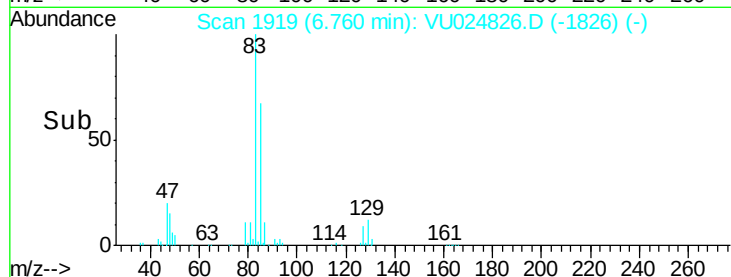
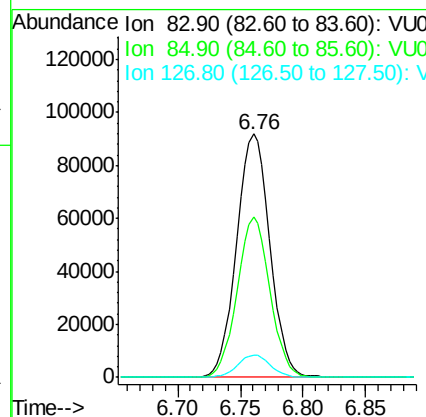
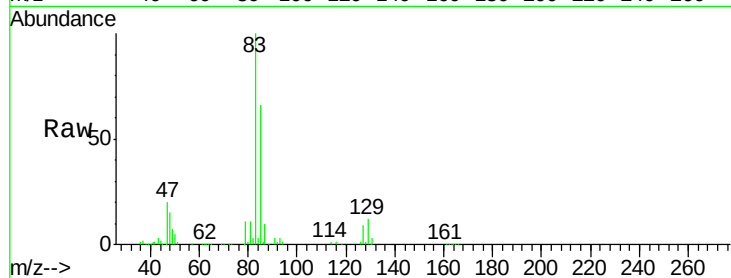
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	170171
Ion Ratio	Lower	Upper	
83	100		
85	65.7	51.9	77.9
127	9.1	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.00 ug/l

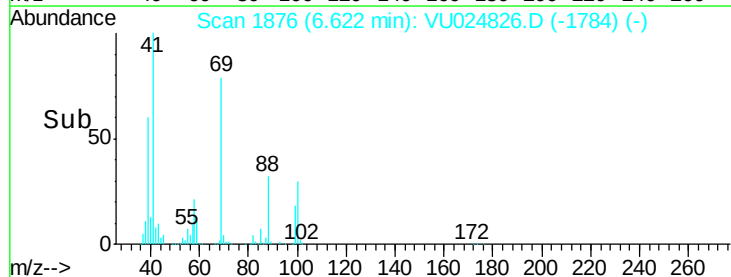
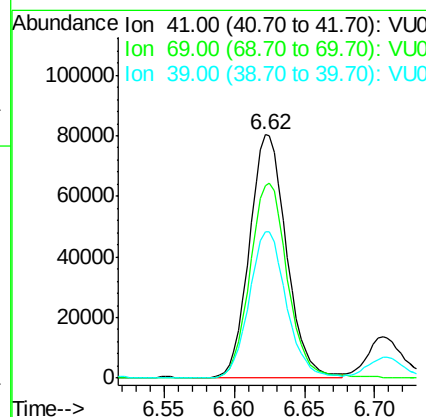
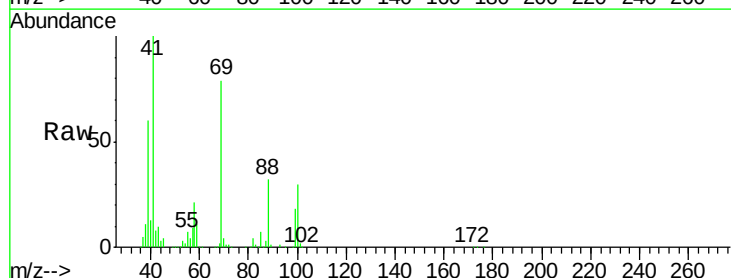
RT: 6.62 min Scan# 1876

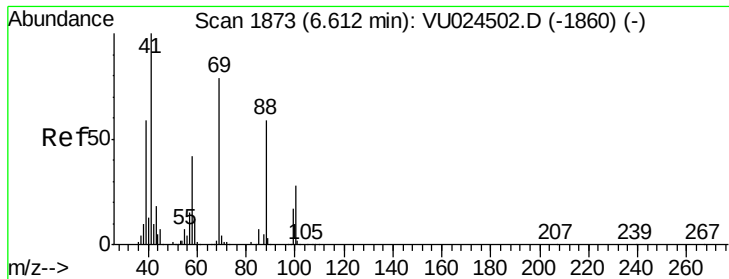
Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Tgt Ion:	41	Resp:	147289
Ion Ratio	Lower	Upper	
41	100		
69	81.4	67.3	100.9
39	60.2	46.5	69.7





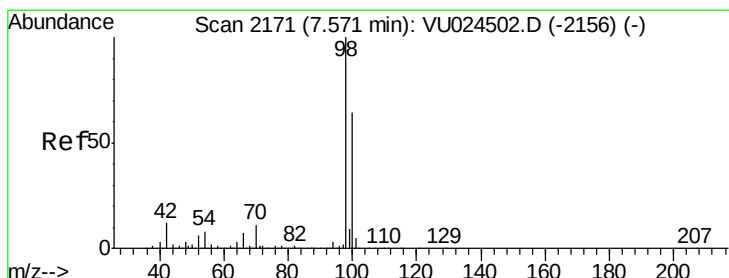
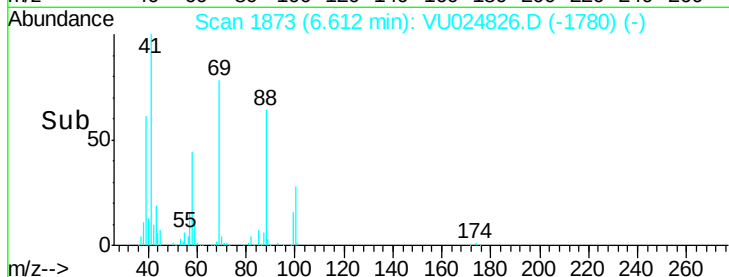
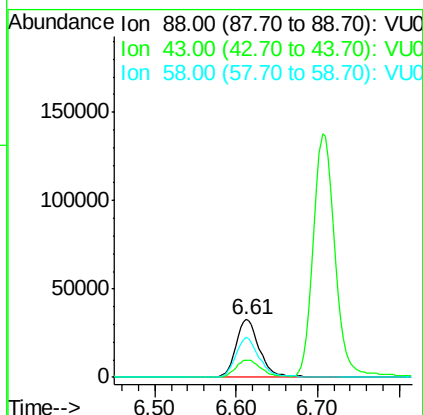
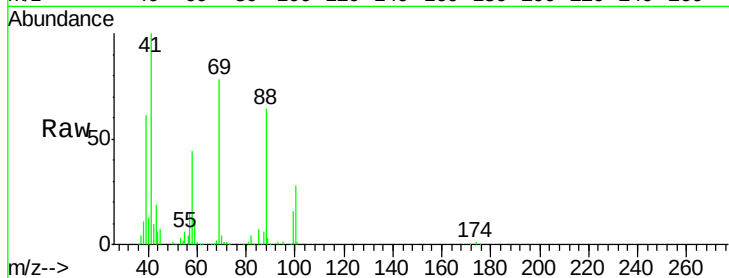
#49
 1,4-Dioxane
 Concen: 1143.20 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	28.6	42.8
58	68.4	58.2	87.4

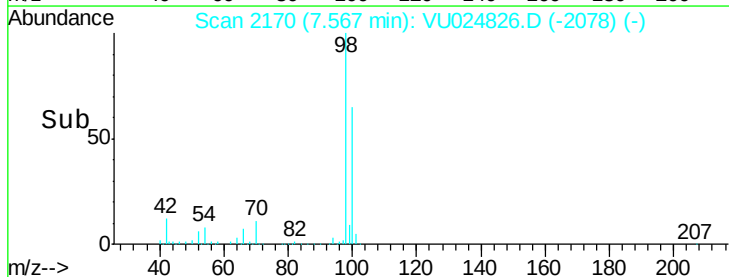
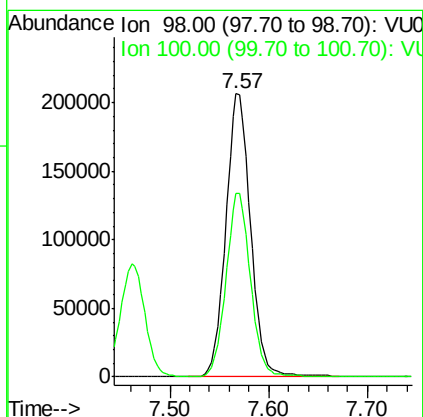
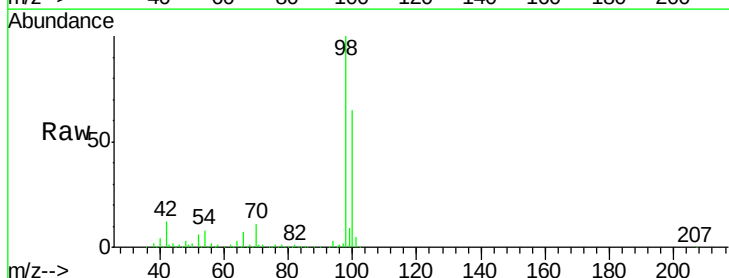
Manual Integrations
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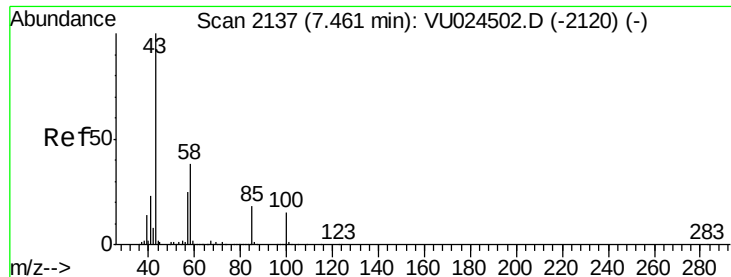
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#50
 Toluene-d8
 Concen: 43.87 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 249.30 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 947501

Ion Ratio Lower Upper

43 100

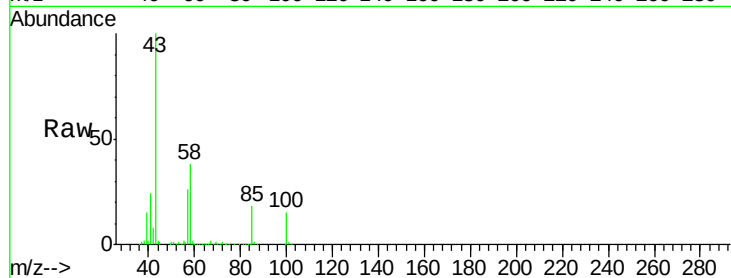
58 38.4 30.0 45.0

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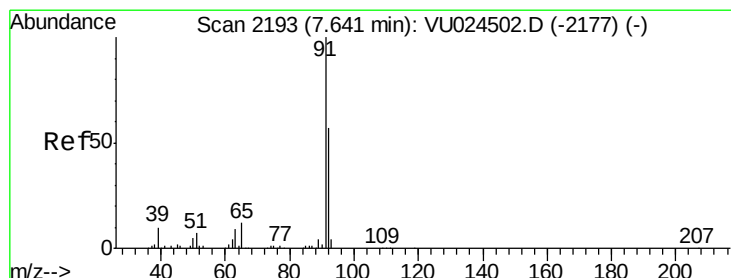
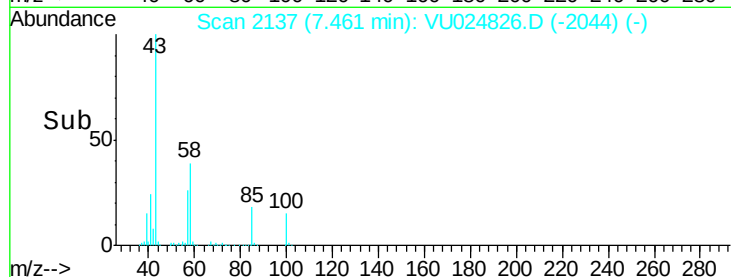
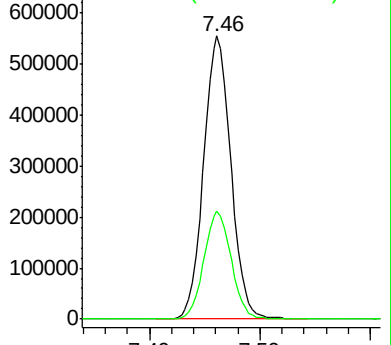
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 49.50 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024826.D

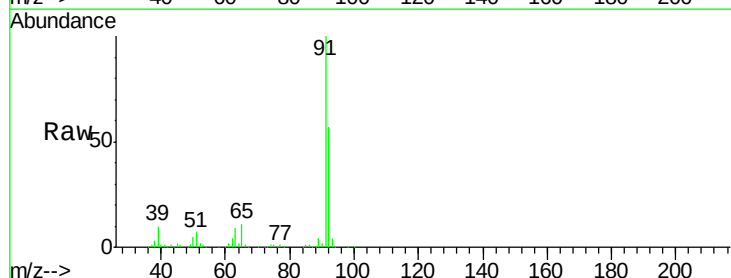
Acq: 21 Jun 2018 21:21

Tgt Ion: 92 Resp: 291402

Ion Ratio Lower Upper

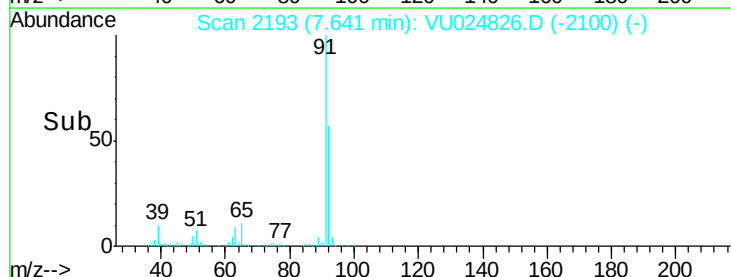
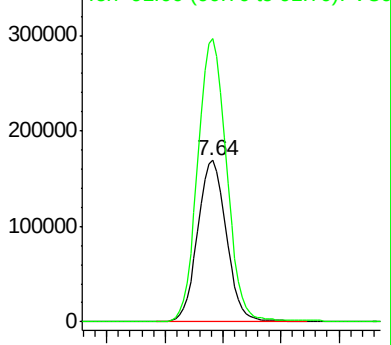
92 100

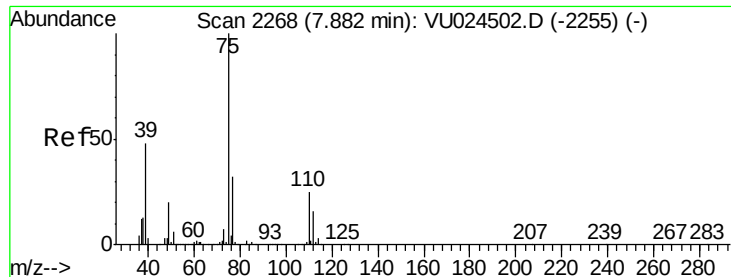
91 177.3 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





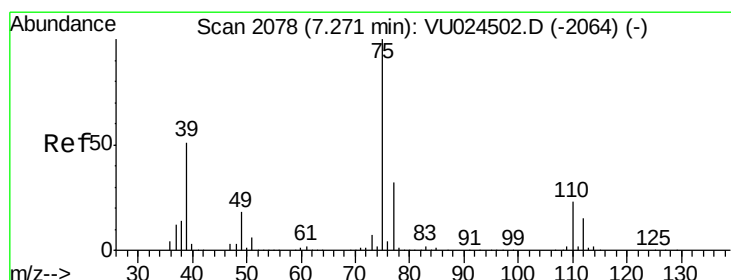
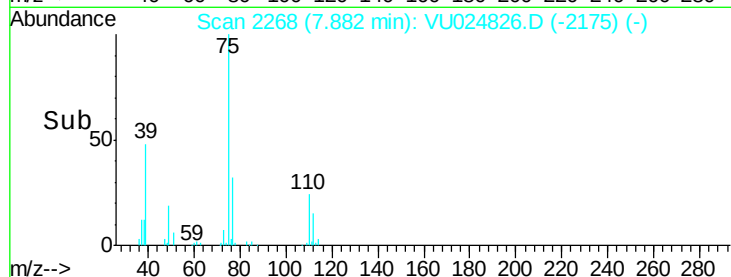
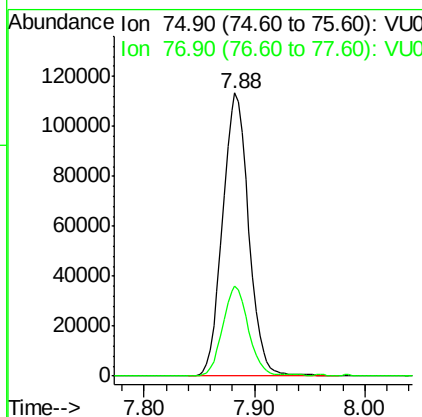
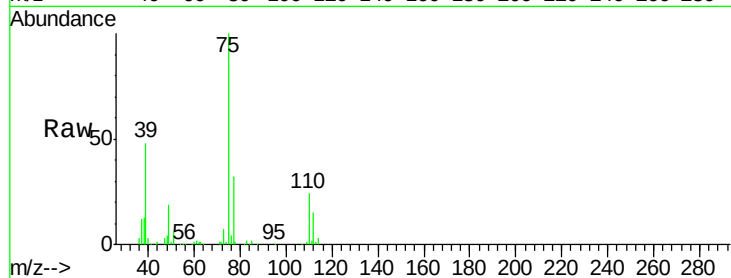
#53
t-1,3-Dichloropropene
Concen: 48.63 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.8	37.2

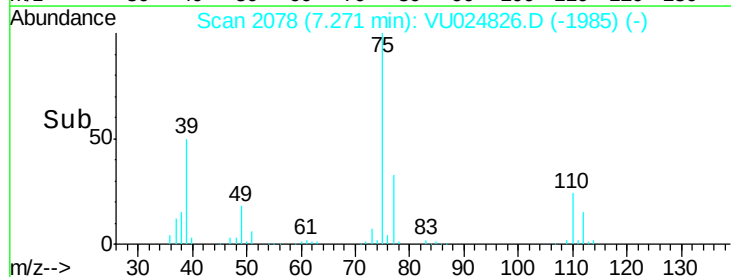
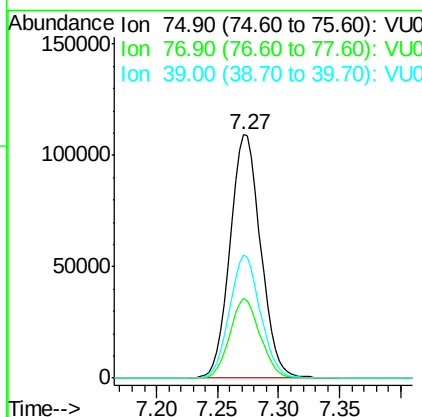
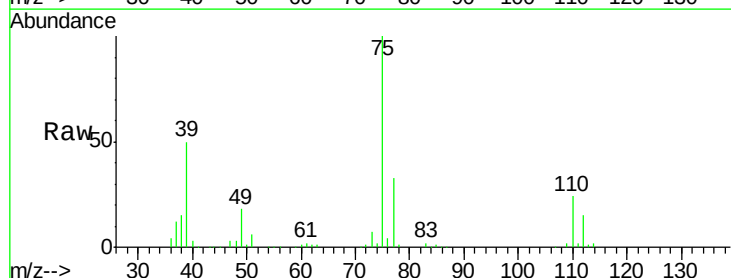
Manual Integrations
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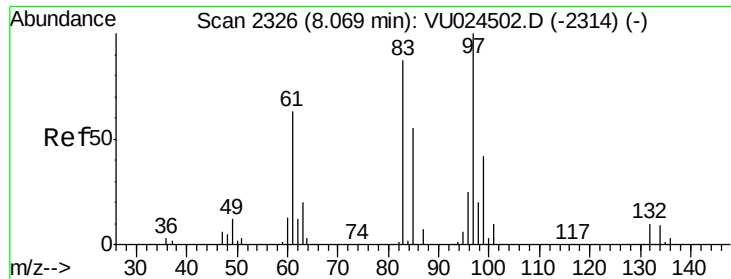
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#54
cis-1,3-Dichloropropene
Concen: 46.85 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.6	36.8
39	50.5	39.8	59.6





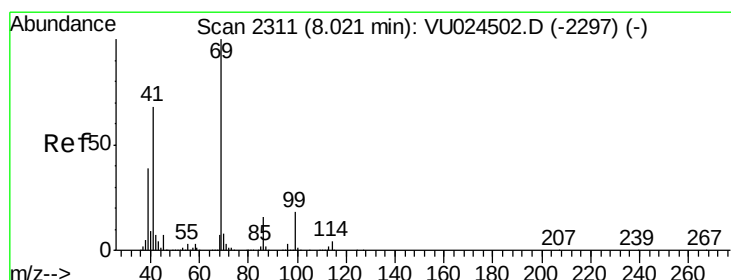
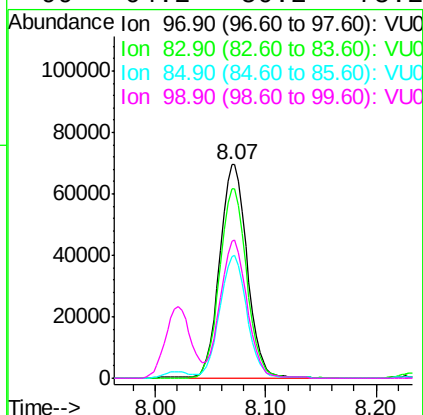
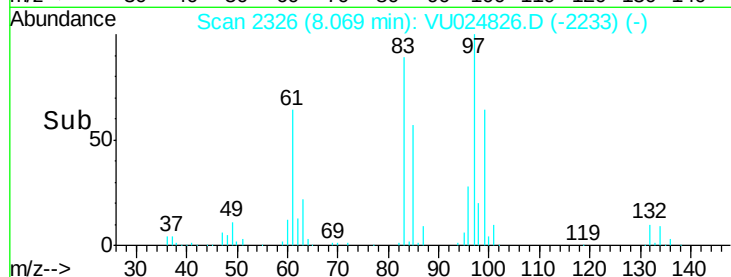
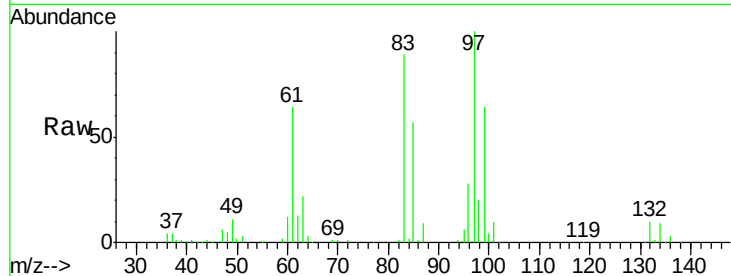
#55
 1,1,2-Trichloroethane
 Concen: 50.23 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		120201		
83	89.0	70.5	105.7		
85	56.8	46.4	69.6		
99	64.2	50.2	75.2		

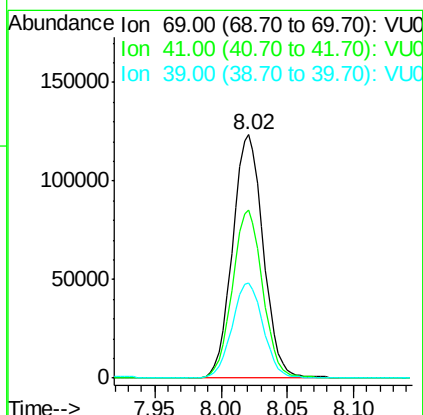
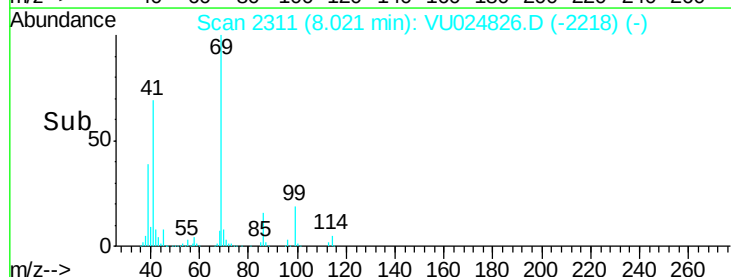
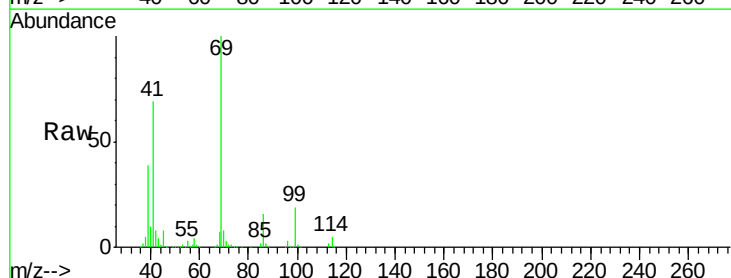
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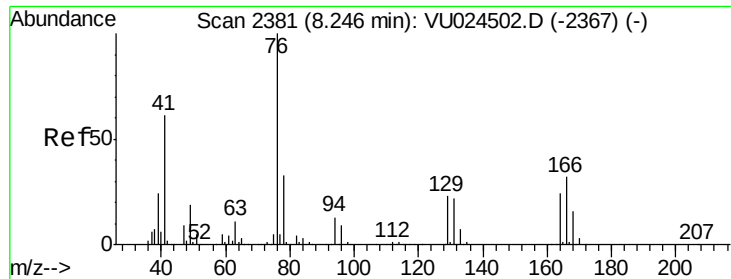
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#56
 Ethyl methacrylate
 Concen: 49.76 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		199277		
41	67.8	54.1	81.1		
39	39.5	30.3	45.5		





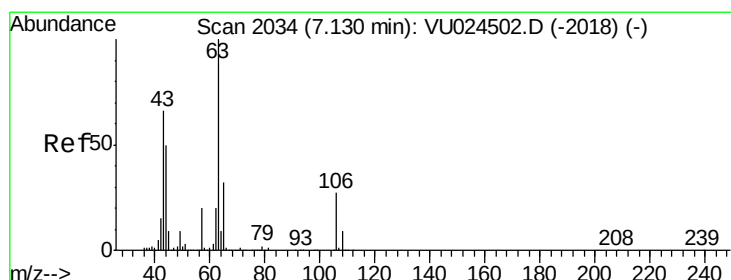
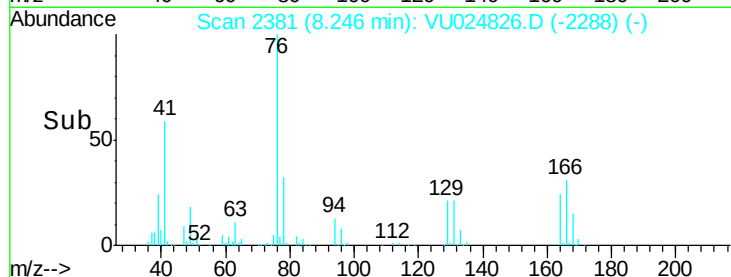
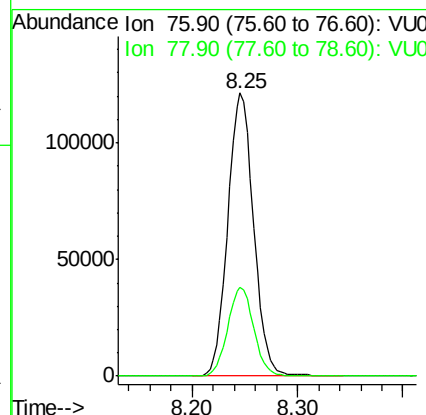
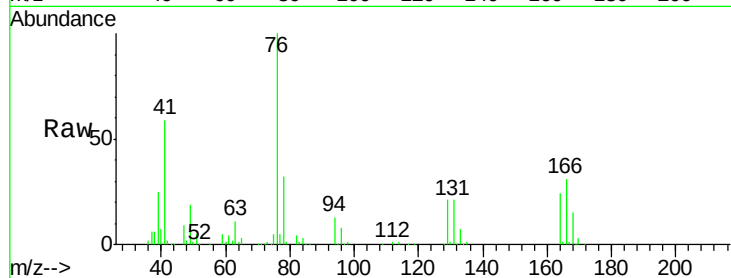
#57
 1,3-Dichloropropane
 Concen: 50.93 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 205588
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.2 37.8

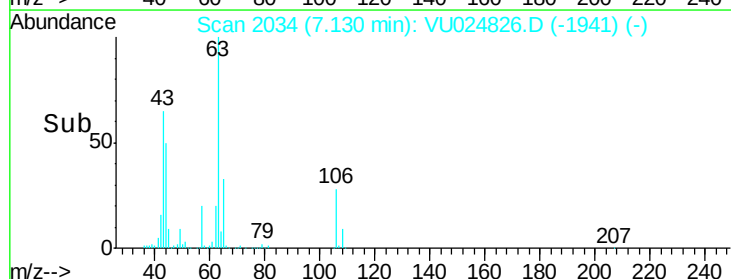
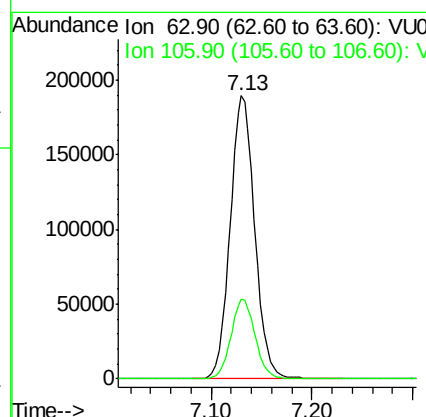
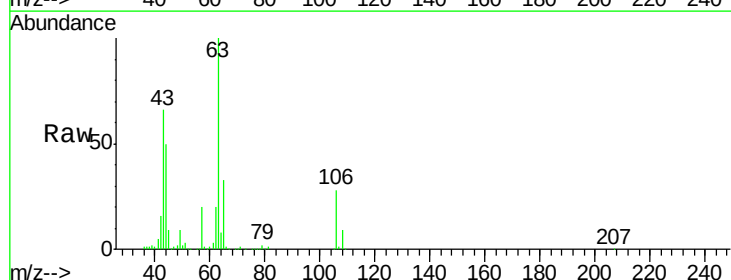
Manual Integrations
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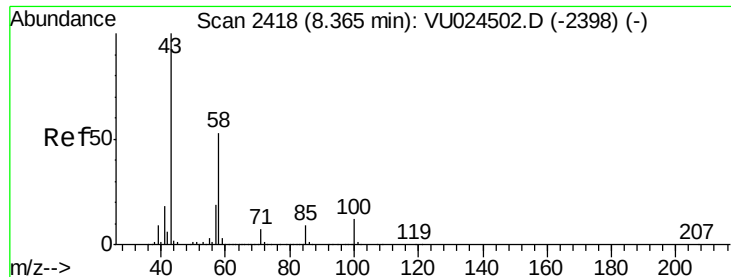
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#58
 2-Chloroethyl Vinyl ether
 Concen: 209.99 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion: 63 Resp: 322204
 Ion Ratio Lower Upper
 63 100
 106 27.8 20.2 30.2





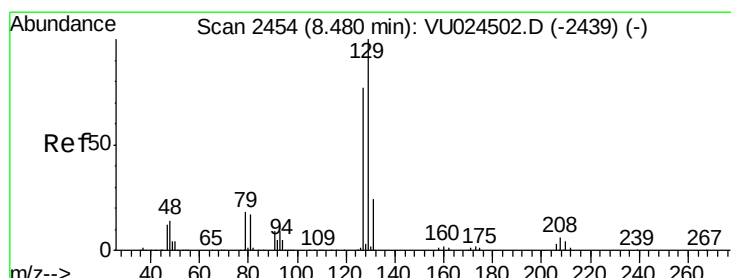
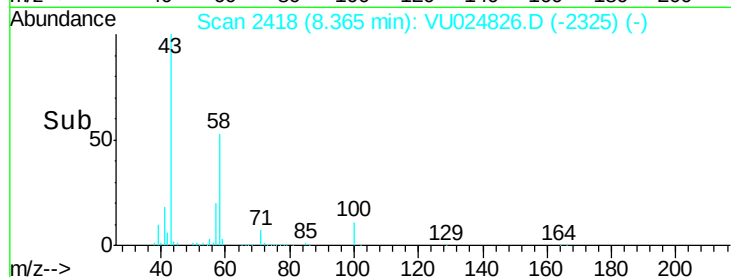
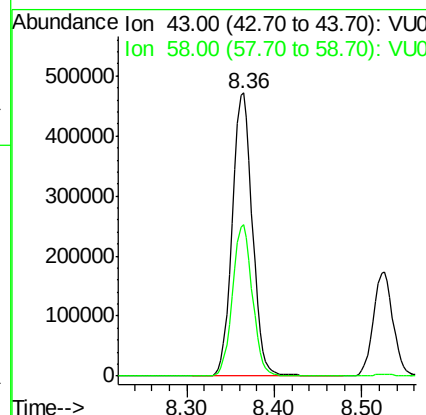
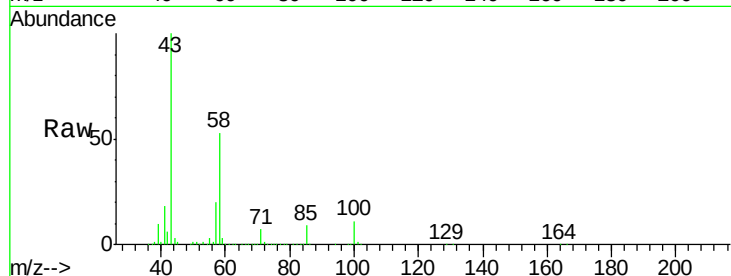
#59
2-Hexanone
Concen: 242.97 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 753917
Ion Ratio Lower Upper
43 100
58 53.0 26.4 79.0

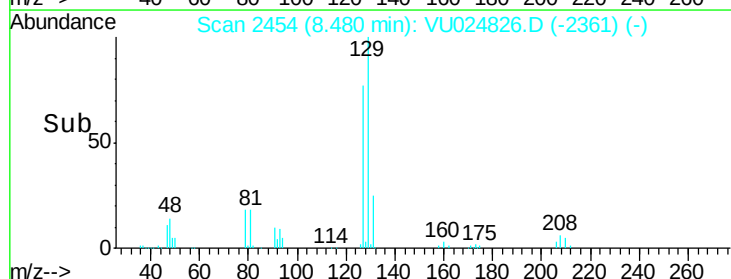
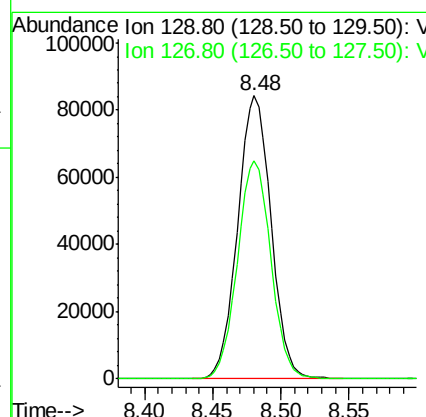
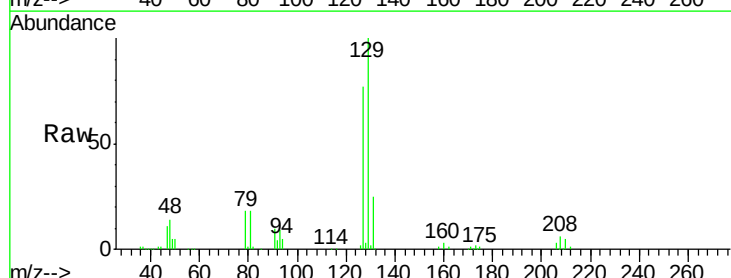
Manual Integrations
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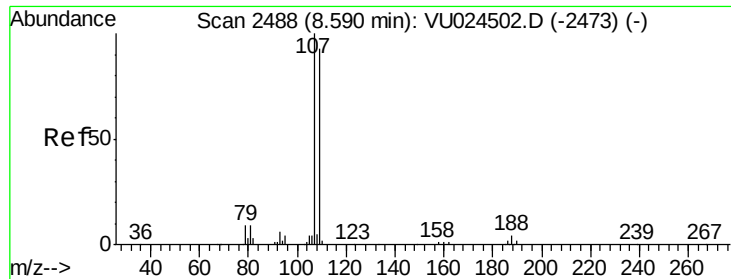
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#60
Dibromochloromethane
Concen: 48.04 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion: 129 Resp: 143362
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





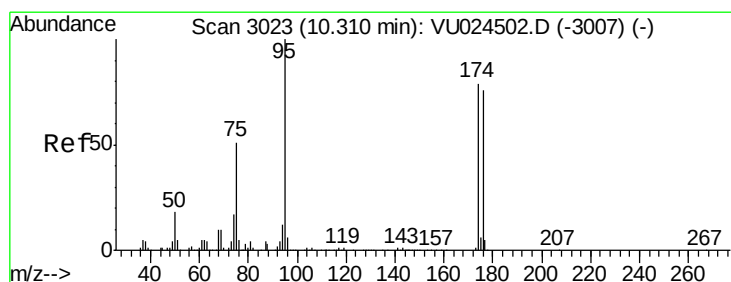
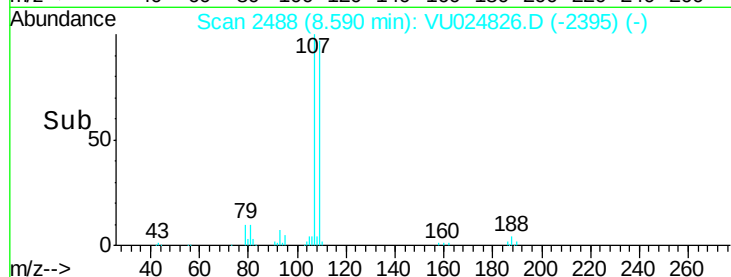
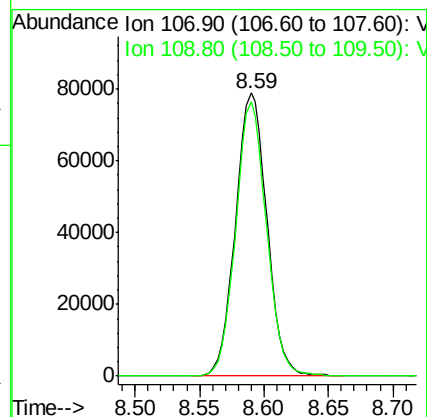
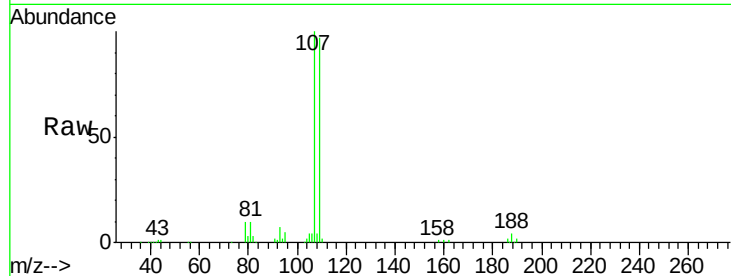
#61
 1,2-Dibromoethane
 Concen: 50.13 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	74.5	111.7

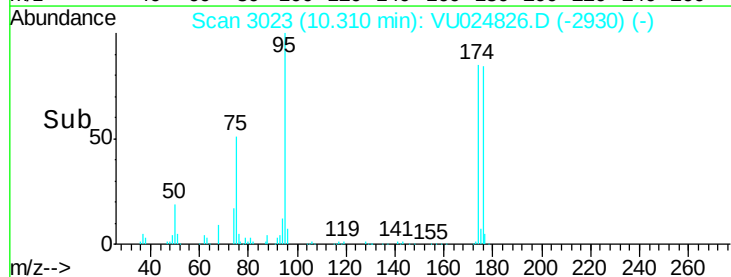
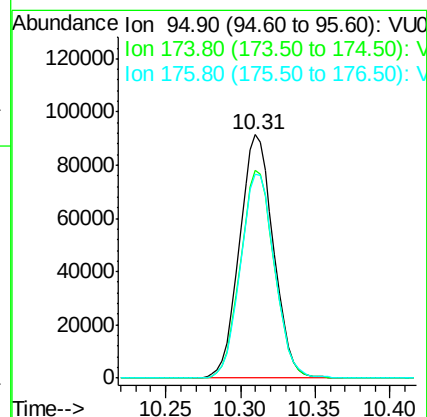
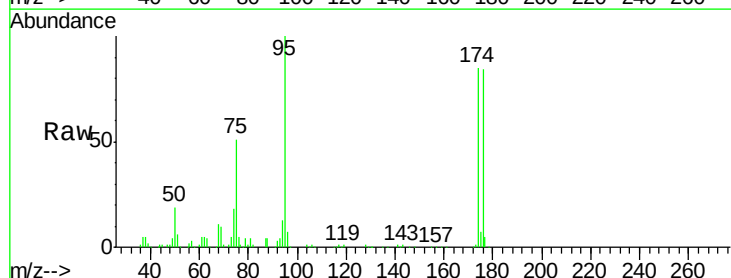
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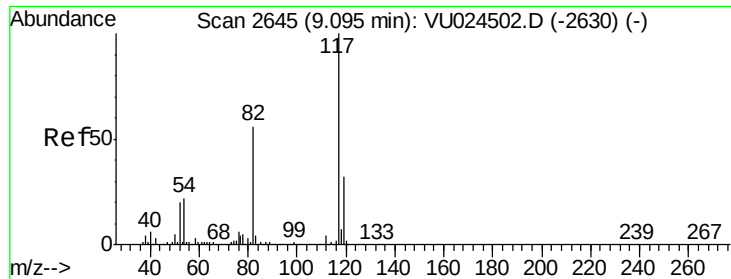
apatel
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#62
 4-Bromofluorobenzene
 Concen: 44.00 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	165.8
176	84.6	0.0	159.4





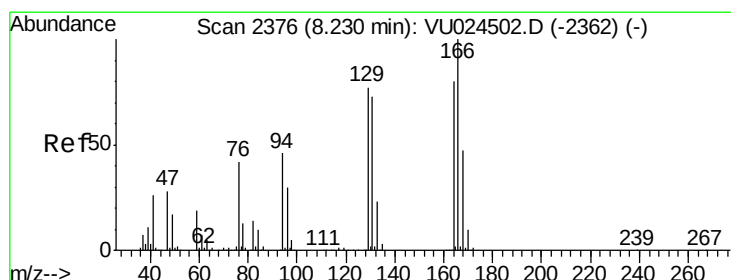
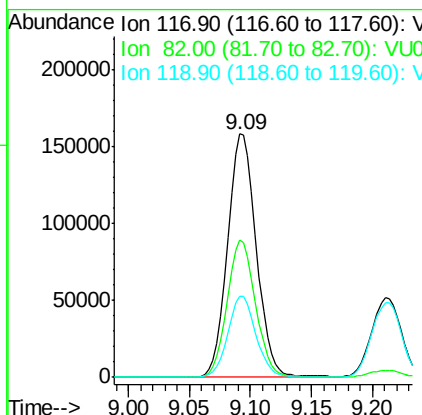
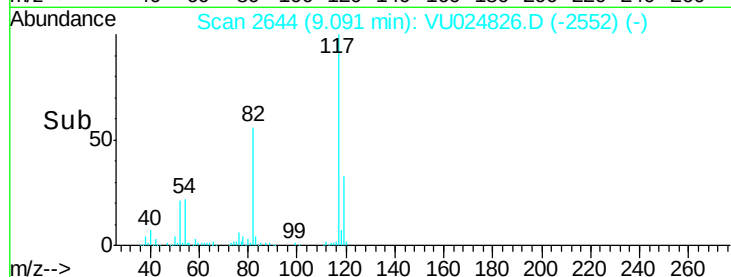
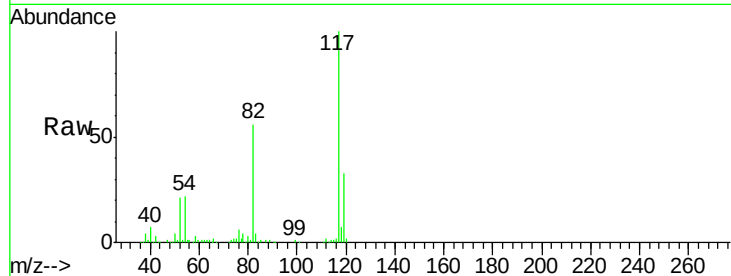
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	260520		
82	56.4	44.3	66.5	
119	33.3	25.4	38.2	

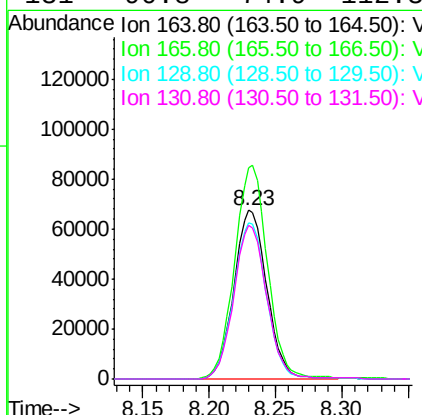
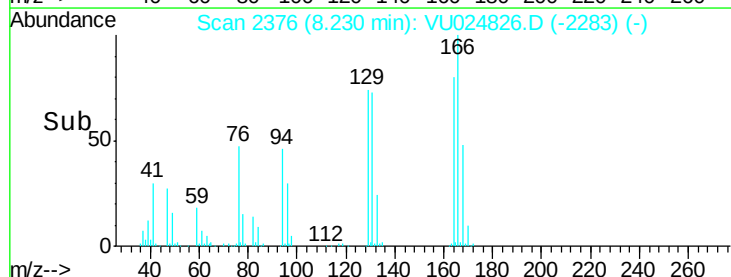
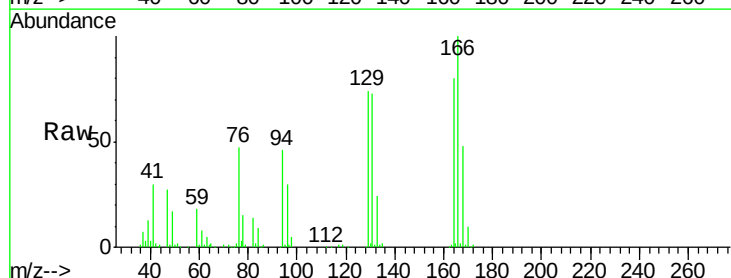
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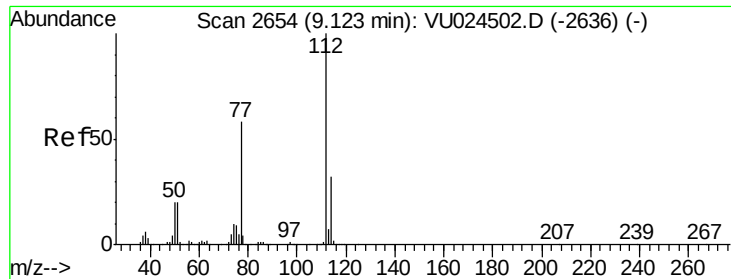
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#64
Tetrachloroethene
Concen: 47.14 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116741		
166	125.0	101.7	152.5	
129	92.8	76.9	115.3	
131	90.8	74.9	112.3	





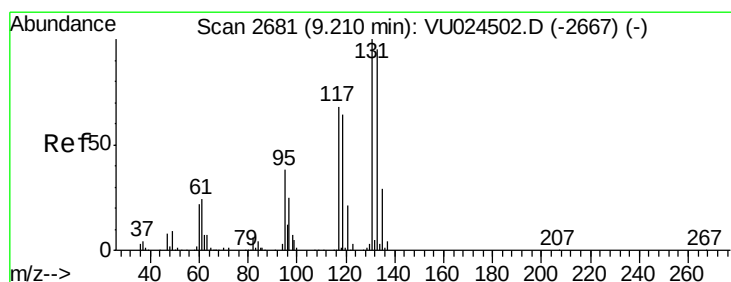
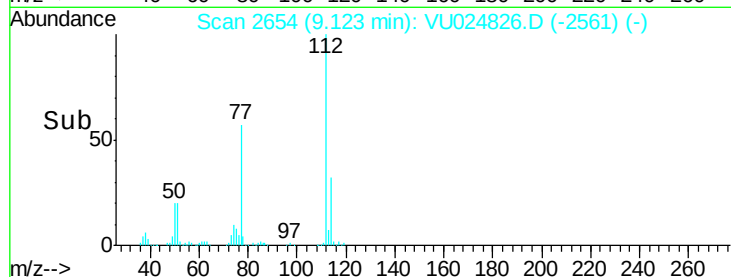
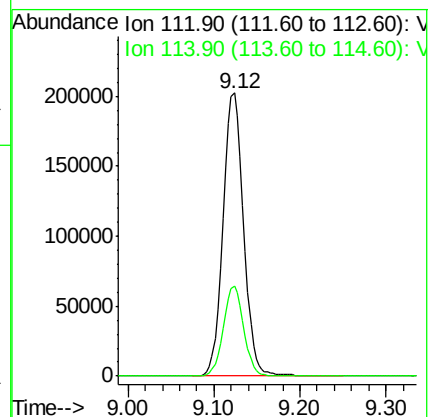
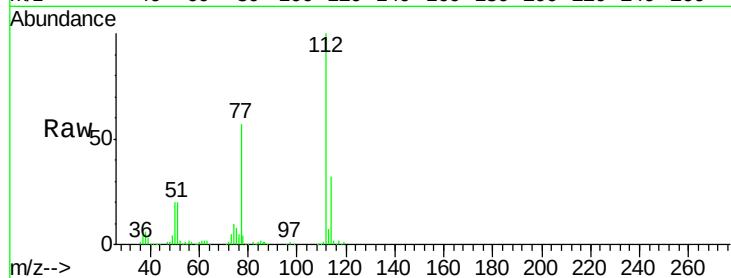
#65
Chlorobenzene
Concen: 50.54 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.6	38.4

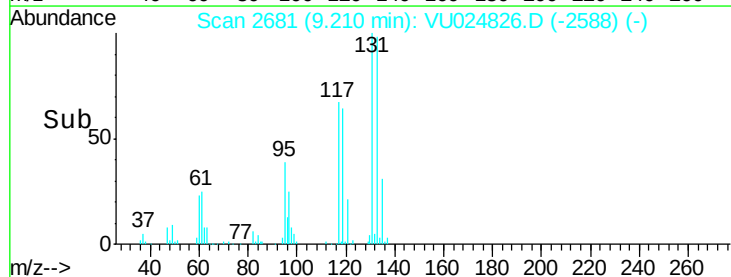
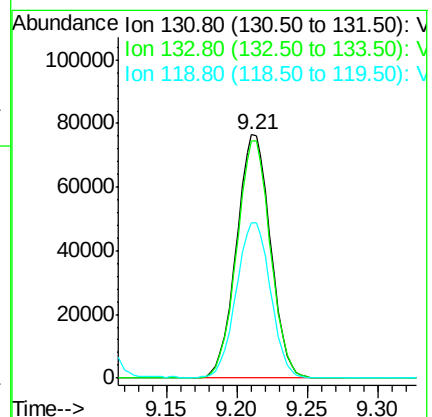
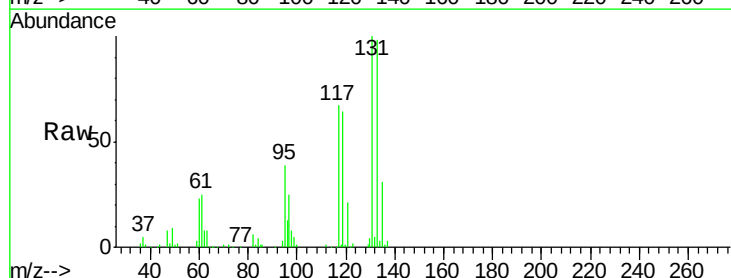
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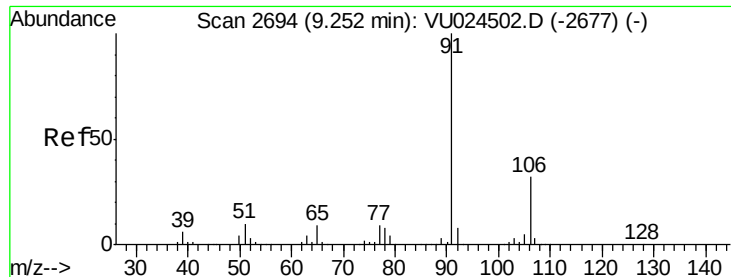
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.12 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	46.9	140.8
119	64.6	33.5	100.4





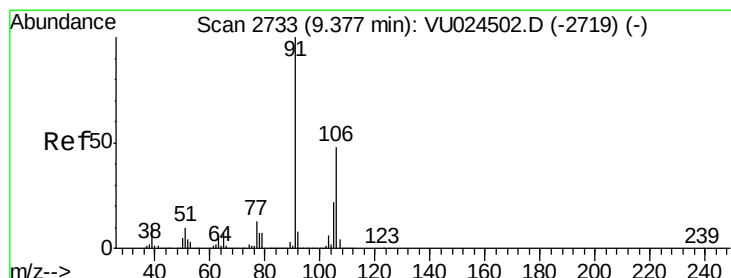
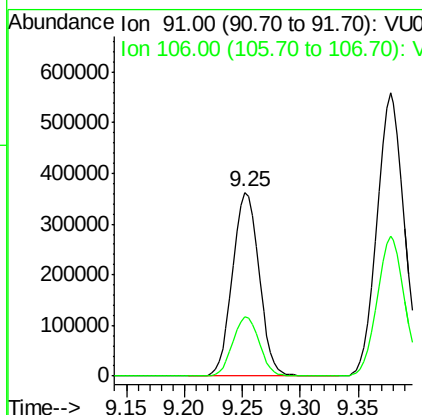
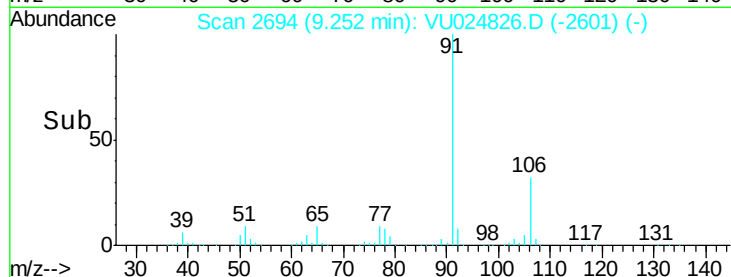
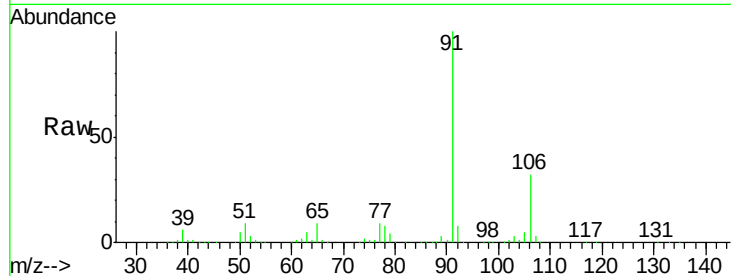
#67
Ethyl Benzene
Concen: 49.57 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 578316
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.4

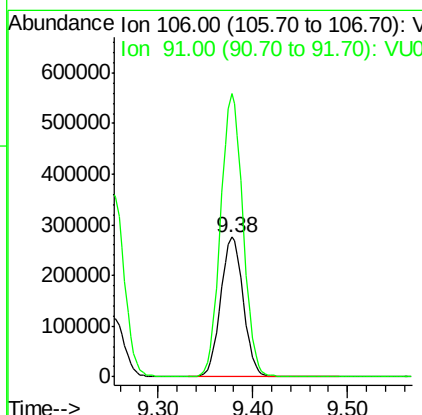
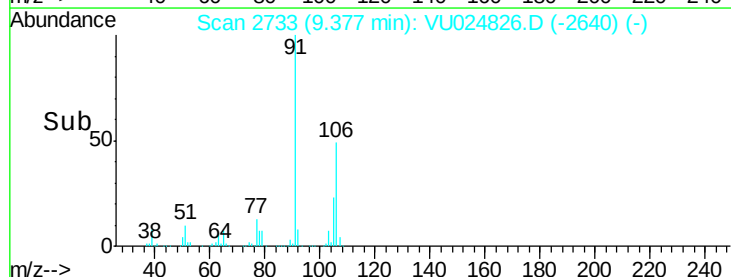
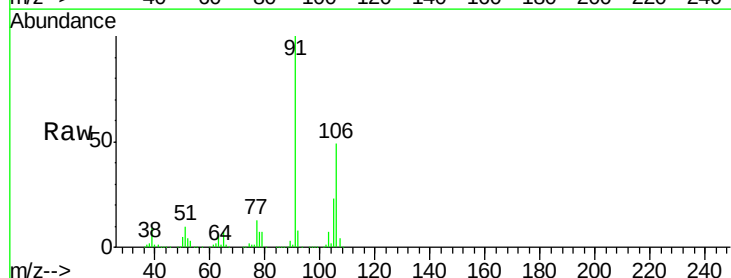
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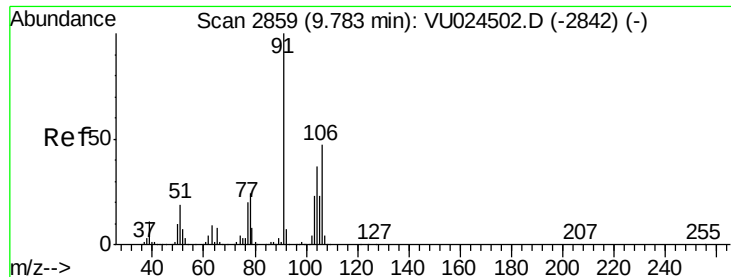
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#68
m/p-Xylenes
Concen: 102.11 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion: 106 Resp: 457473
Ion Ratio Lower Upper
106 100
91 201.2 166.5 249.7





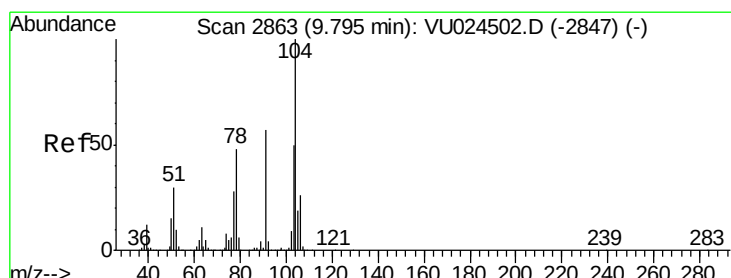
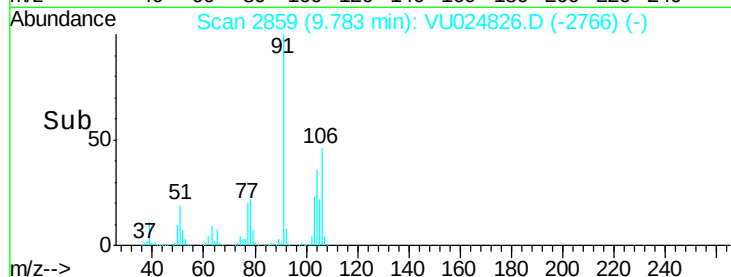
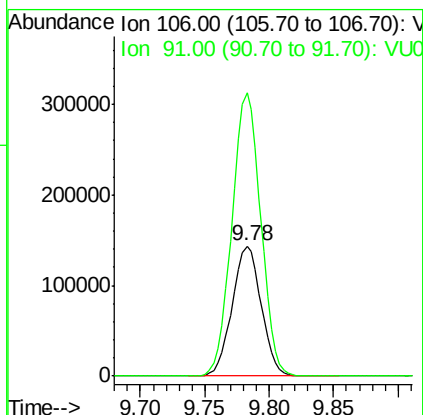
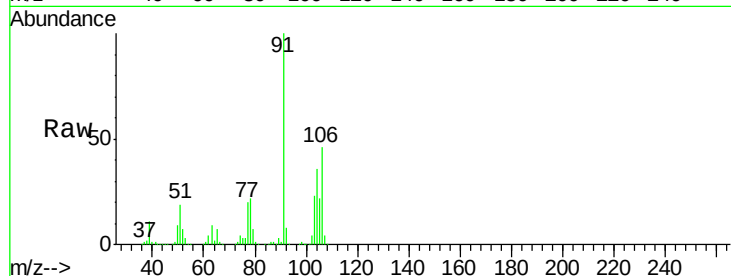
#69
o-Xylene
Concen: 50.80 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.8	110.7	331.9

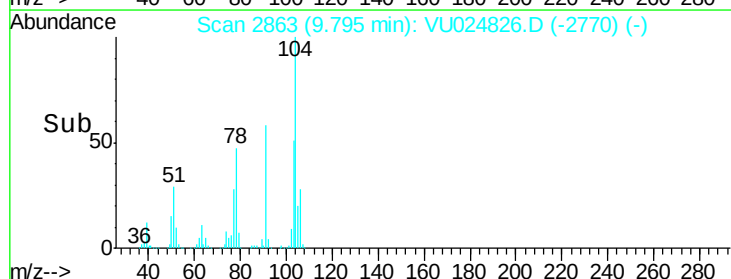
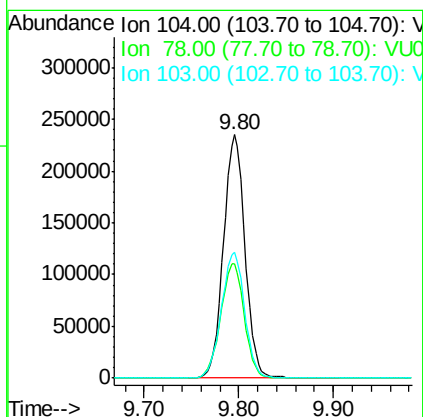
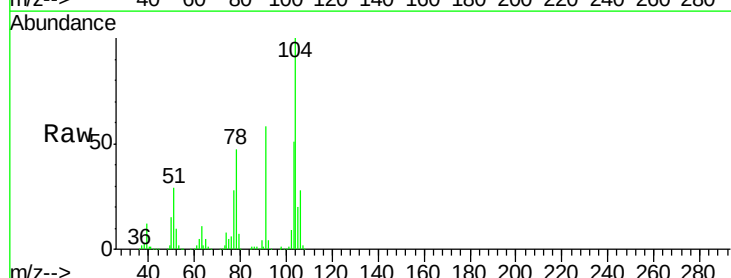
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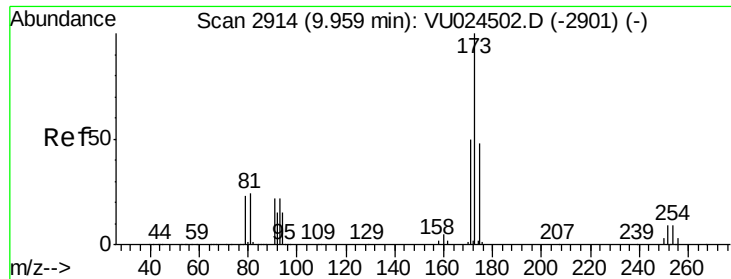
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#70
Styrene
Concen: 51.08 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.4	40.6	60.8
103	55.9	44.7	67.1





#71

Bromoform

Concen: 47.88 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 115067
Ion Ratio Lower Upper

173 100

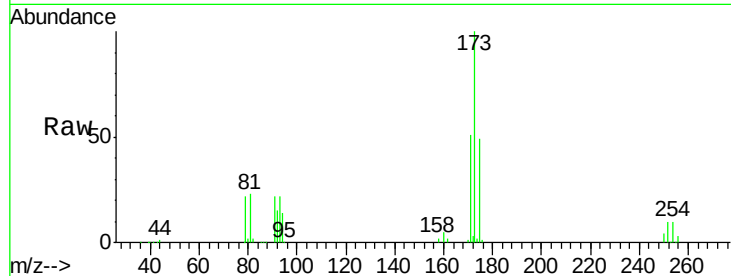
175 49.2 24.6 74.0

254 0.1 0.0 0.0#

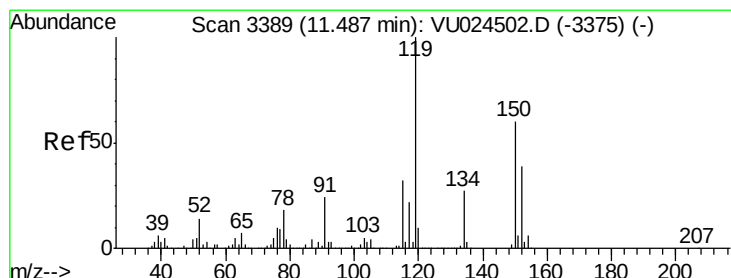
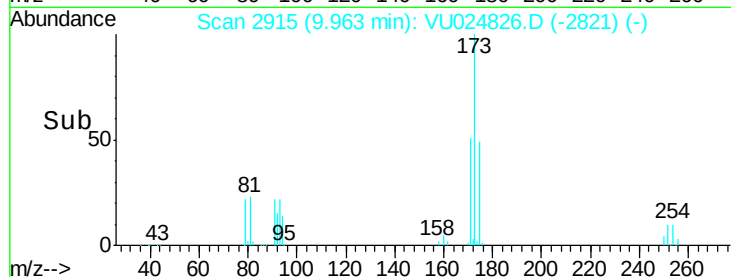
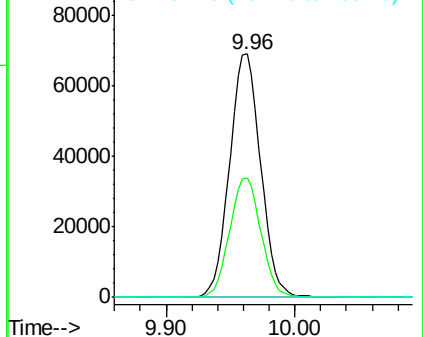
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

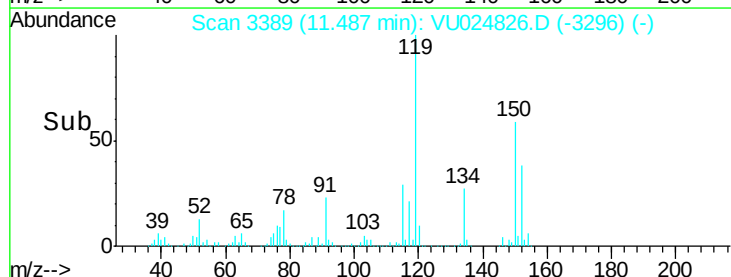
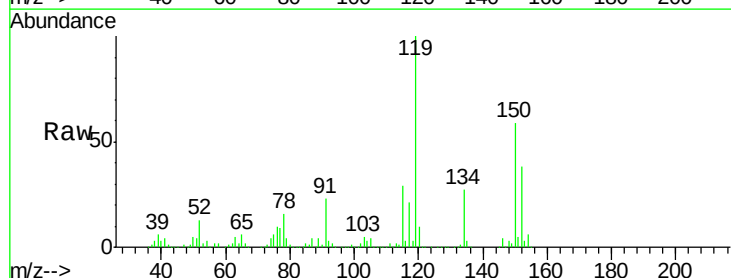
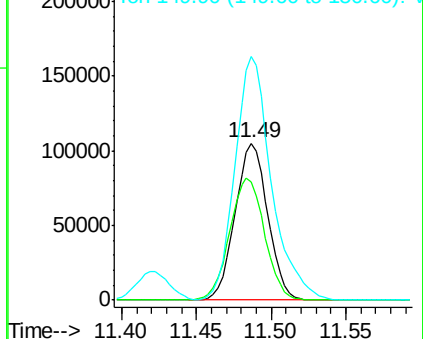
Tgt Ion:152 Resp: 159136
Ion Ratio Lower Upper

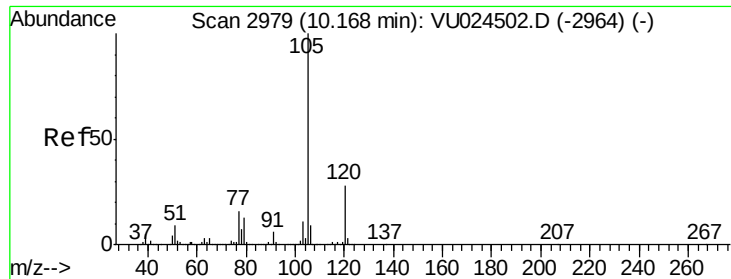
152 100

115 83.3 43.0 129.0

150 173.9 0.0 354.0

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





#73

Isopropylbenzene

Concen: 49.95 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 610243

Ion Ratio Lower Upper

105 100

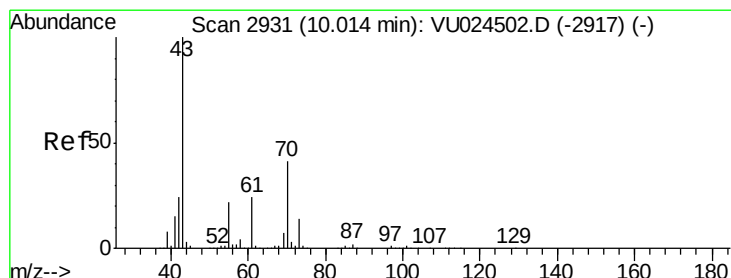
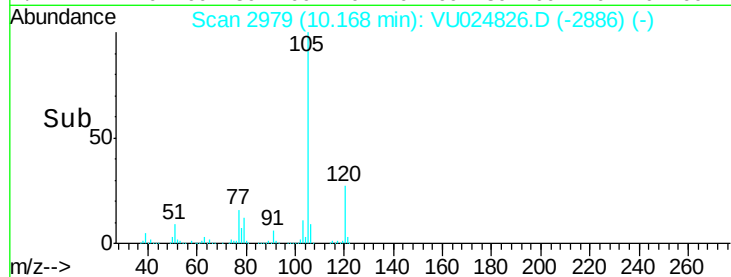
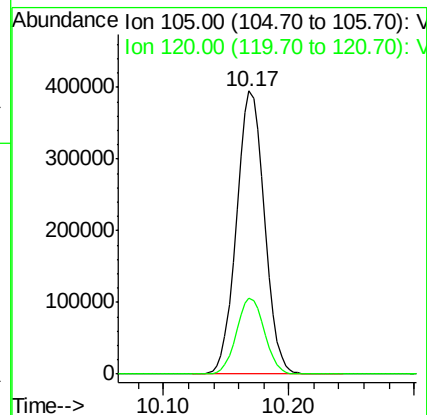
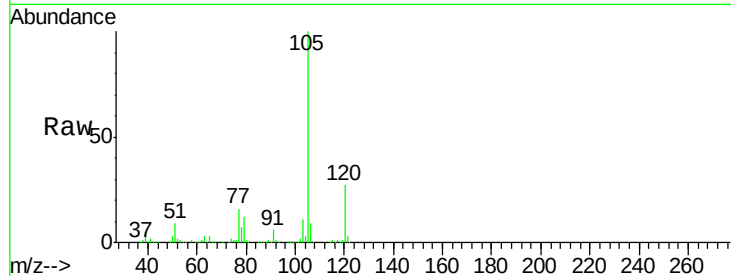
120 26.9 13.2 39.6

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#74

N-ethyl acetate

Concen: 47.13 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Tgt Ion: 43 Resp: 273910

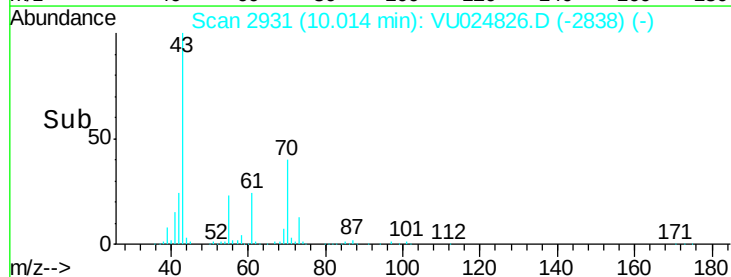
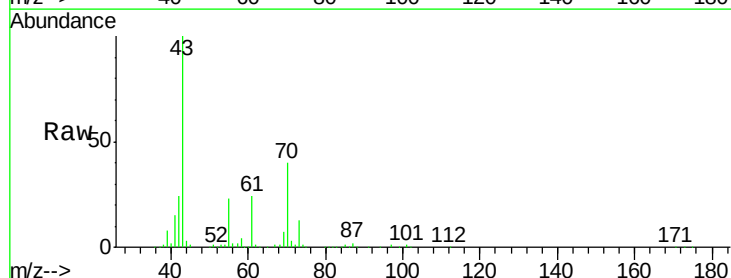
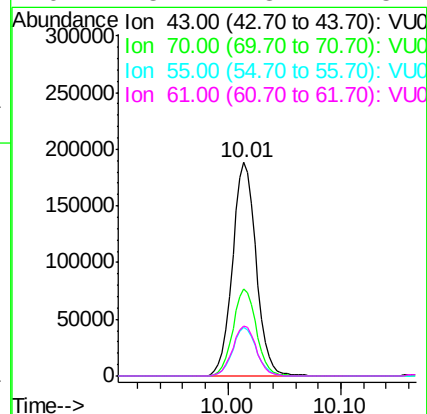
Ion Ratio Lower Upper

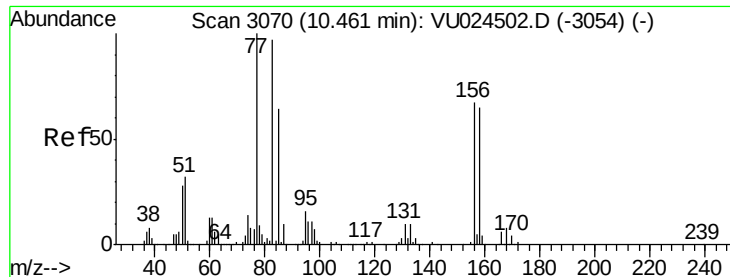
43 100

70 40.7 32.2 48.4

55 22.9 20.5 30.7

61 23.7 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.34 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 206086

Ion Ratio Lower Upper

83 100

131 10.8 4.7 14.1

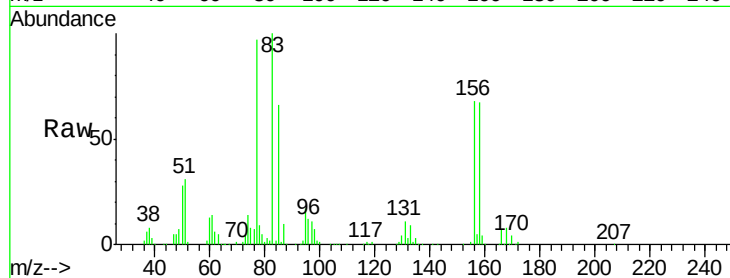
85 65.4 32.5 97.5

Manual Integrations

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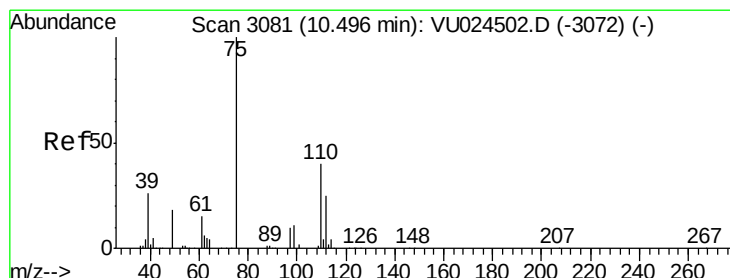
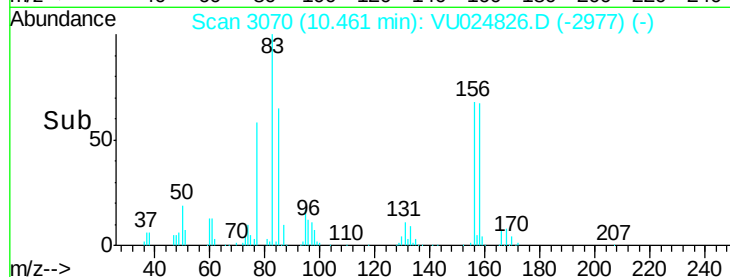
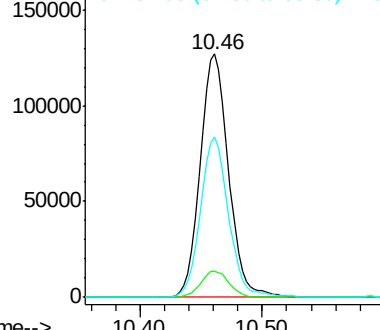
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Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 50.61 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024826.D

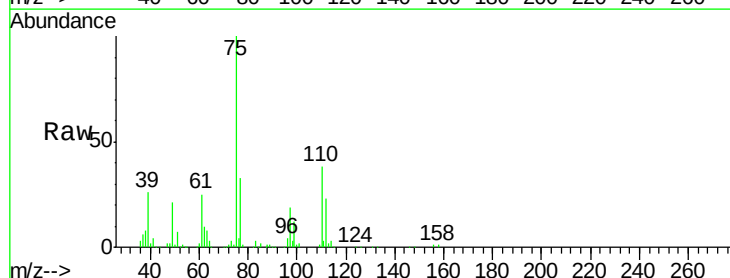
Acq: 21 Jun 2018 21:21

Tgt Ion: 75 Resp: 177312

Ion Ratio Lower Upper

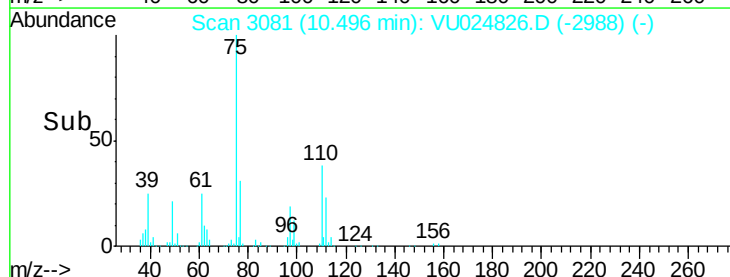
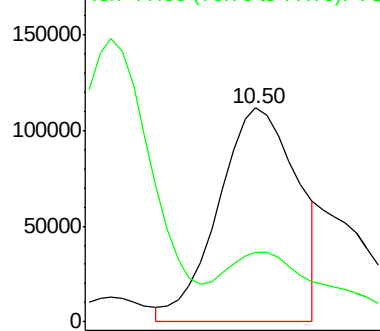
75 100

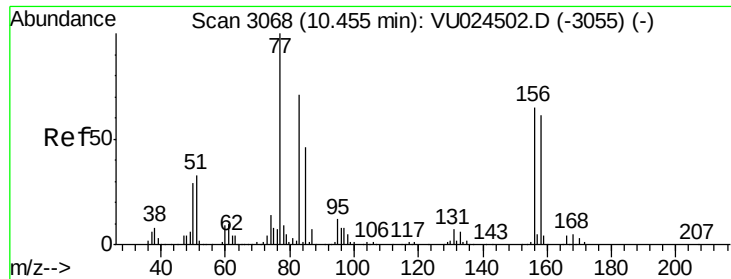
77 43.6 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 49.54 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

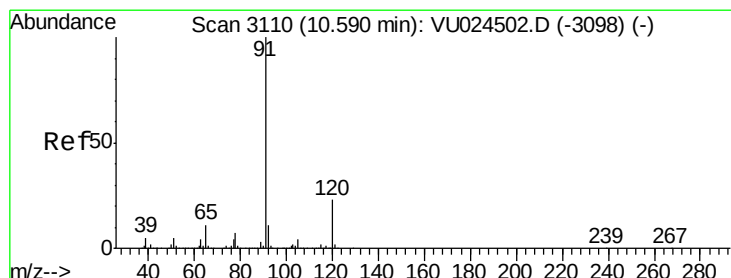
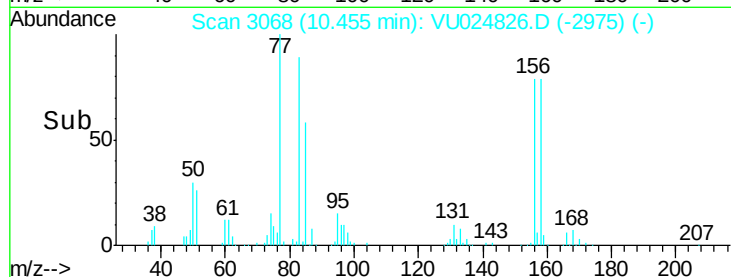
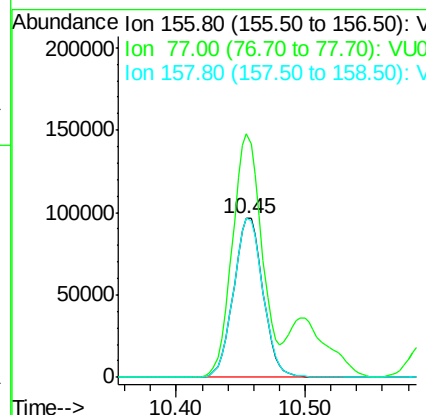
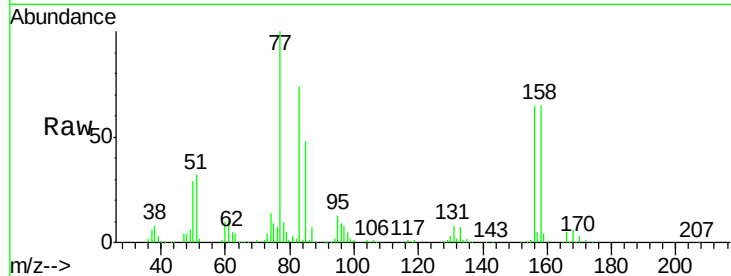
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	153235
Ion Ratio	Lower	Upper	
156	100		
77	152.8	80.5	241.3
158	99.9	48.2	144.6

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#78

n-propylbenzene

Concen: 48.02 ug/l

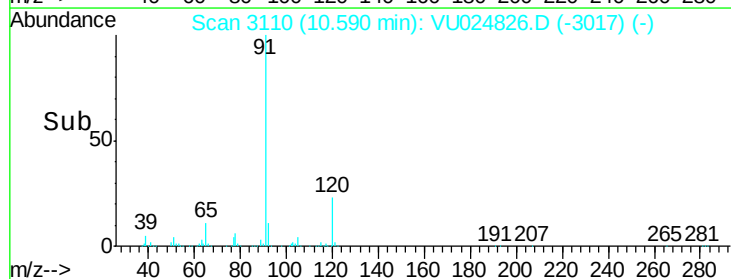
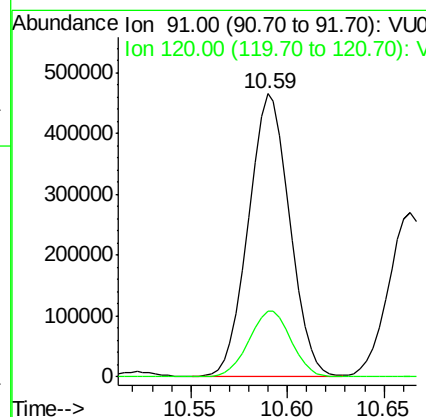
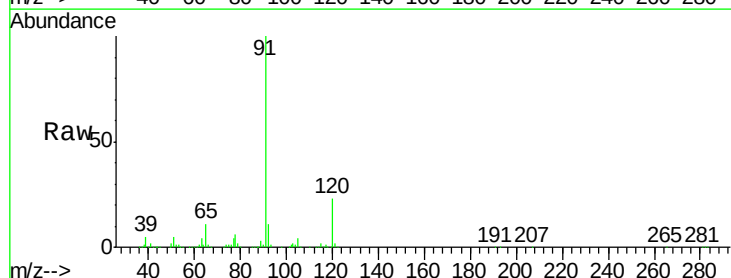
RT: 10.59 min Scan# 3110

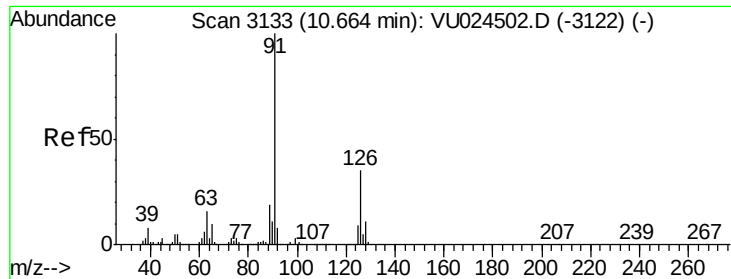
Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Tgt Ion:	91	Resp:	691059
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.2	33.5





#79

2-Chlorotoluene

Concen: 49.77 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 422423

Ion Ratio Lower Upper

91 100

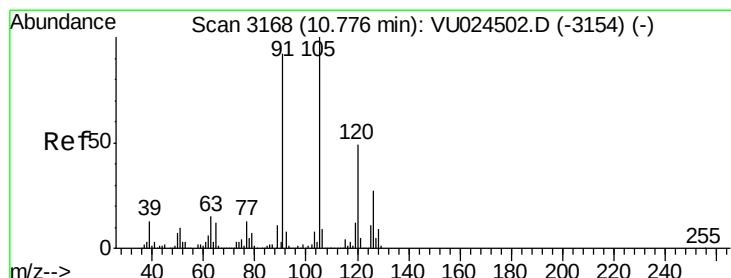
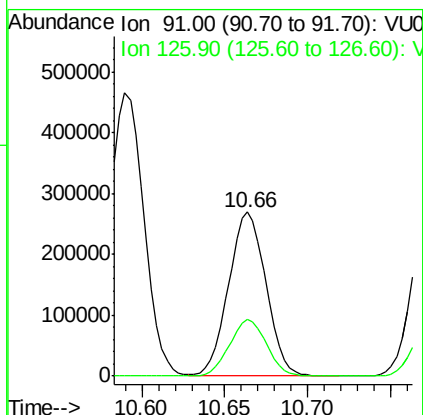
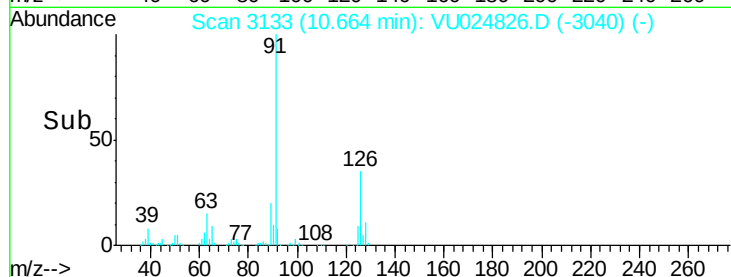
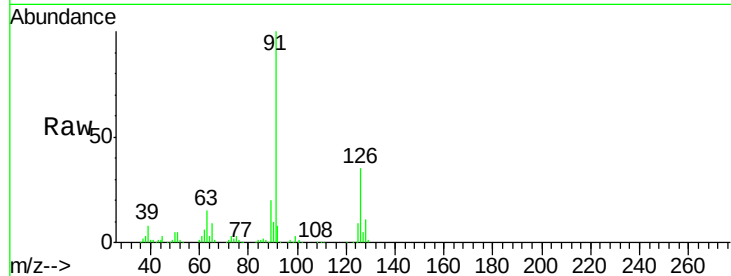
126 34.4 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 49.87 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024826.D

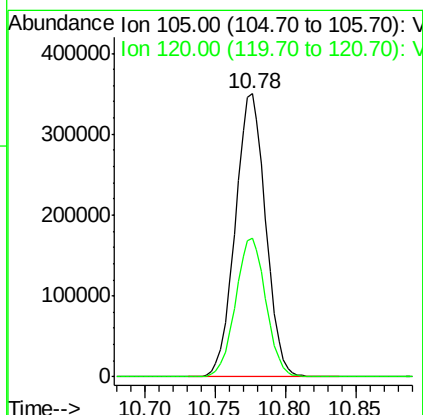
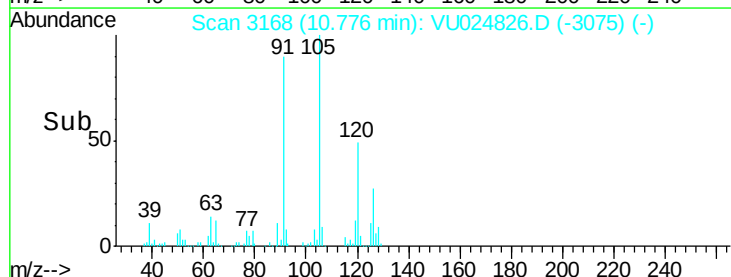
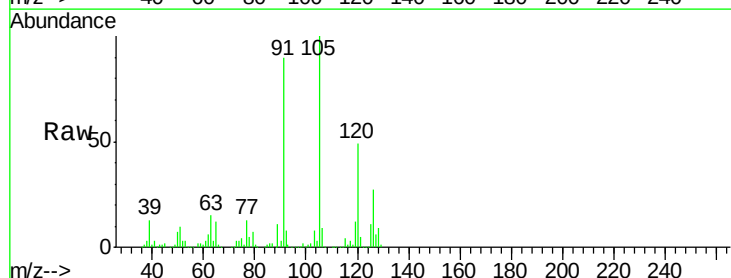
Acq: 21 Jun 2018 21:21

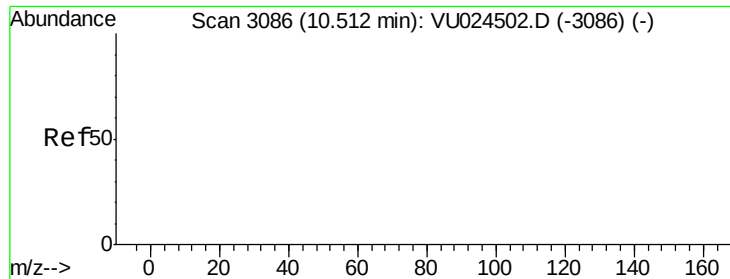
Tgt Ion: 105 Resp: 528143

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2





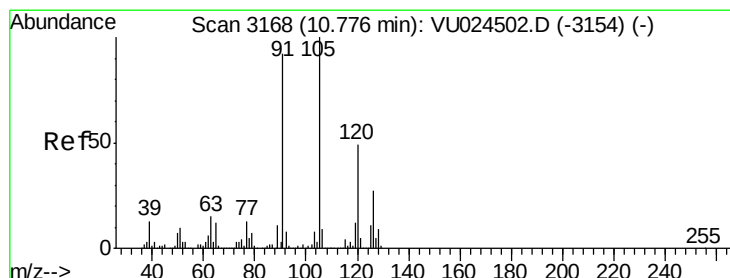
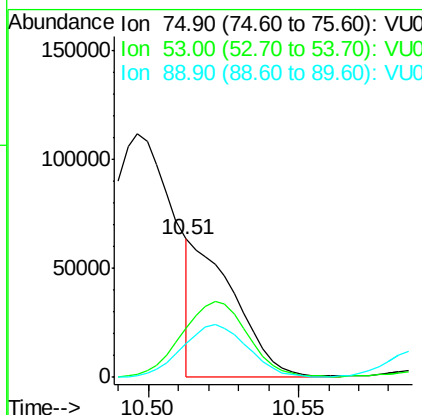
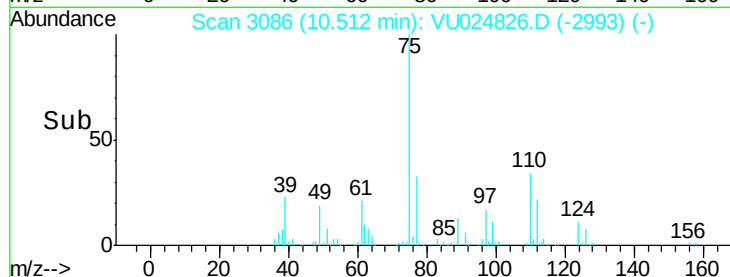
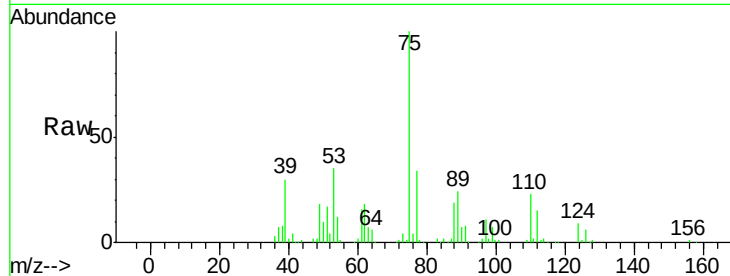
#81
trans-1,4-Dichloro-2-butene
Concen: 42.38 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

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

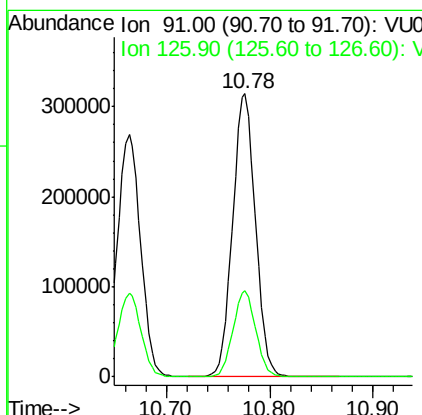
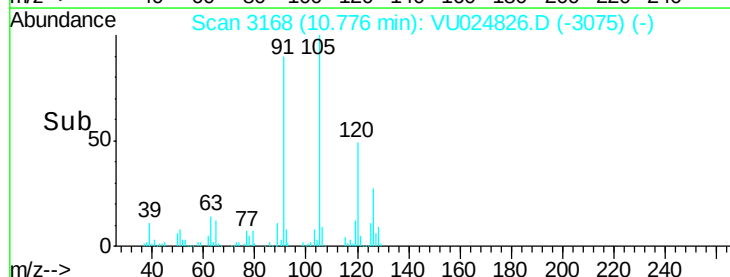
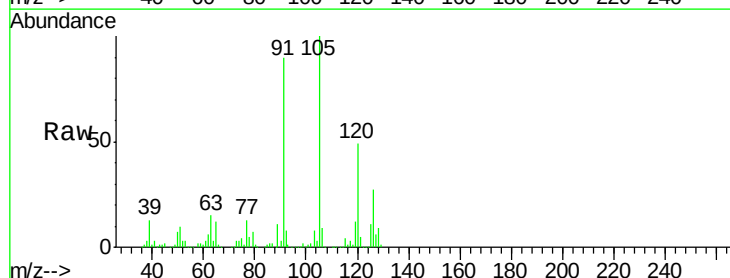
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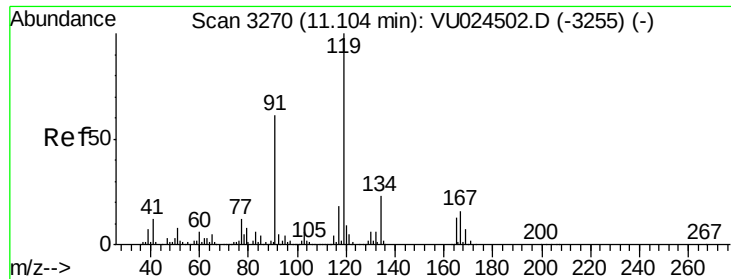
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#82
4-Chlorotoluene
Concen: 49.21 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	14.9	44.9





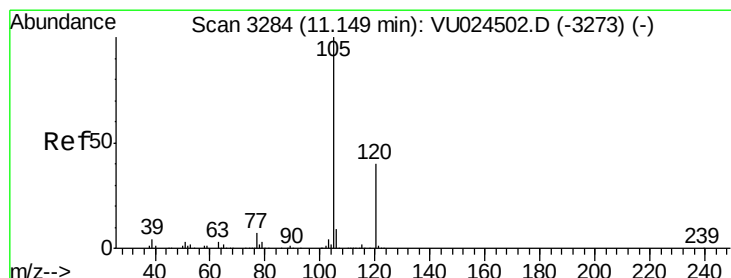
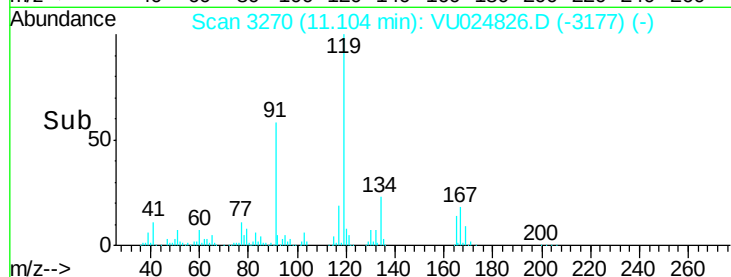
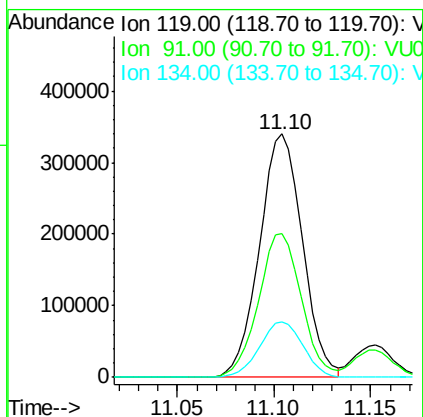
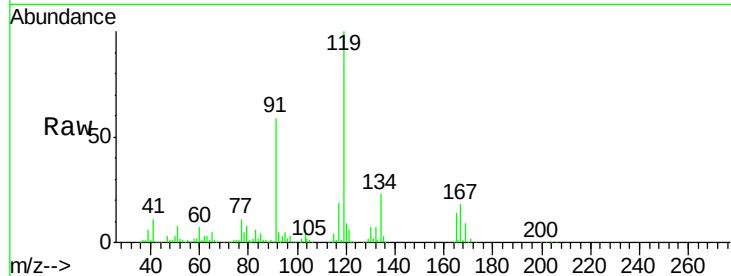
#83
 tert-Butylbenzene
 Concen: 51.52 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.7	89.1
134	23.1	11.6	34.7

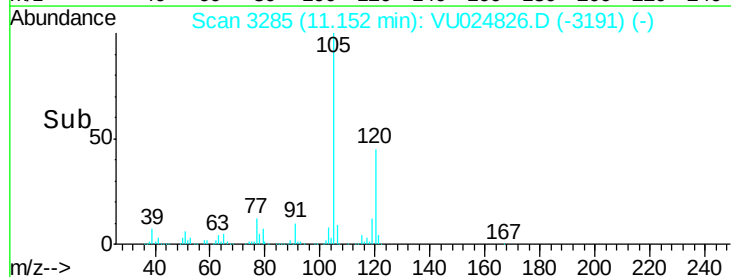
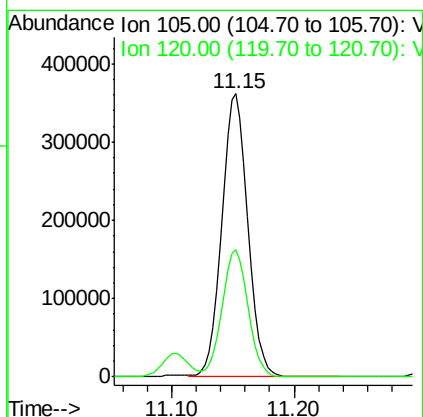
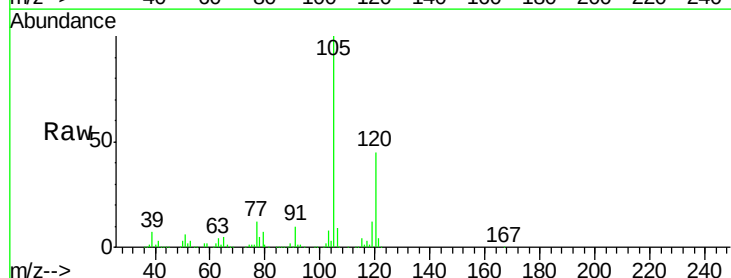
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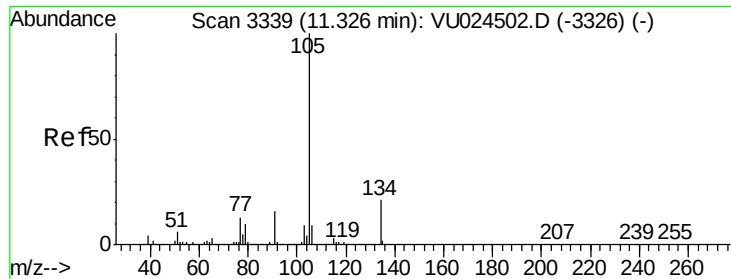
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.12 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 49.36 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 629420

Ion Ratio Lower Upper

105 100

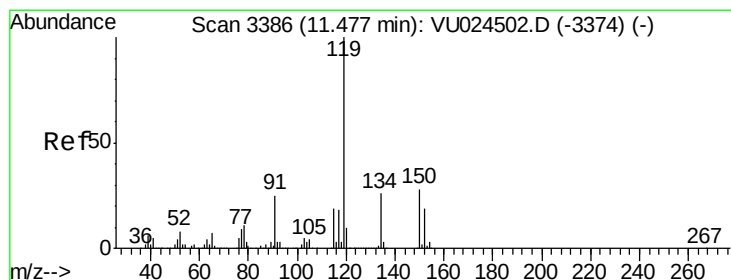
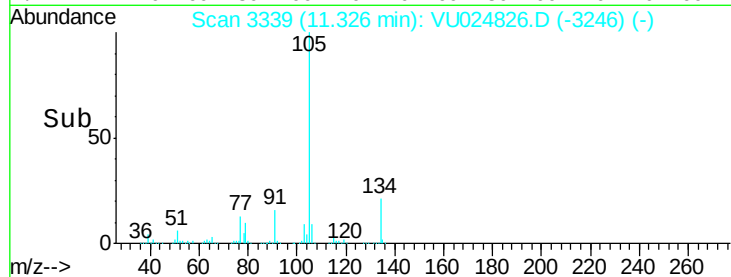
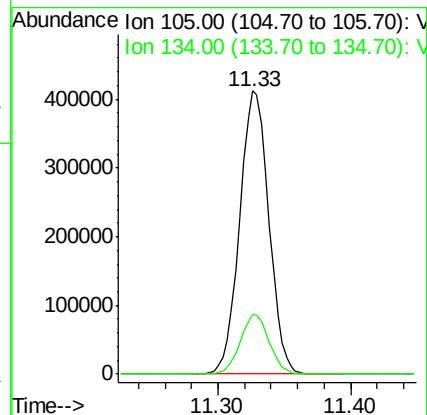
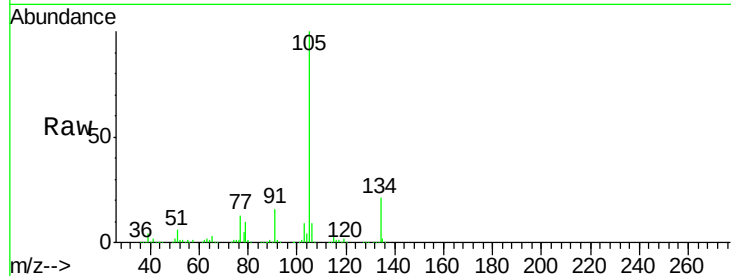
134 20.7 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 49.34 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

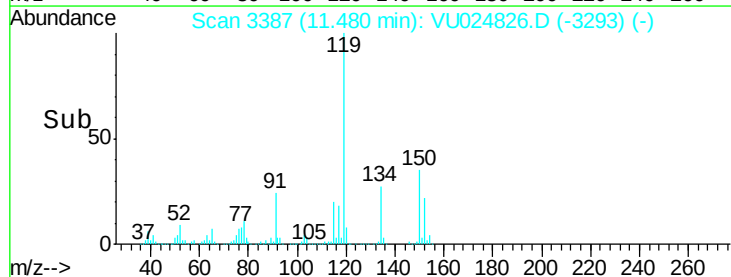
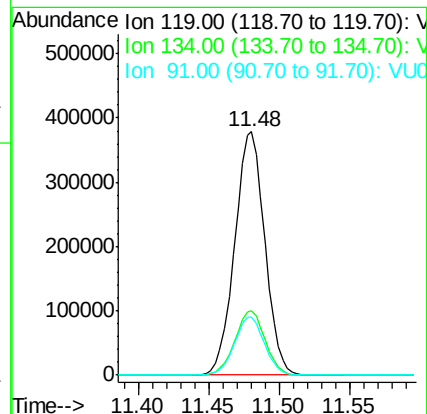
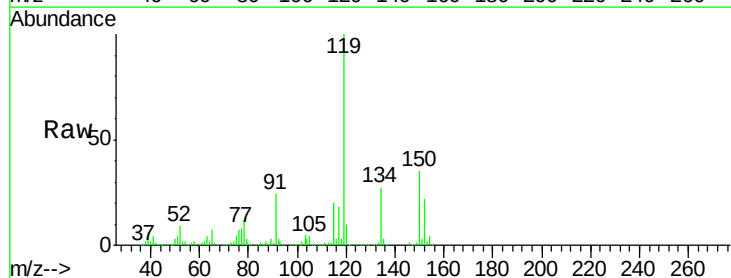
Tgt Ion:119 Resp: 563428

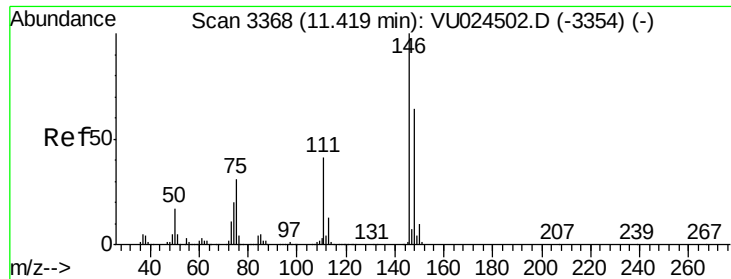
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 24.0 12.0 36.1





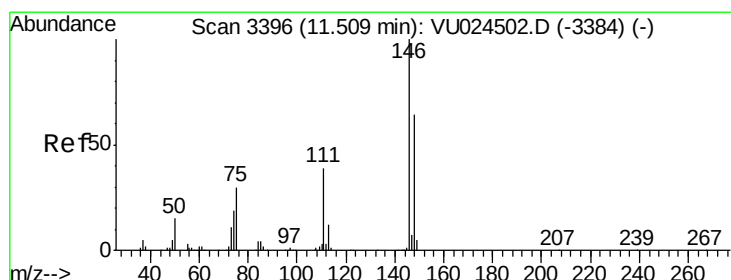
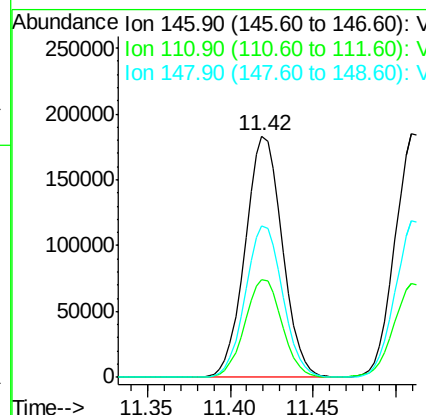
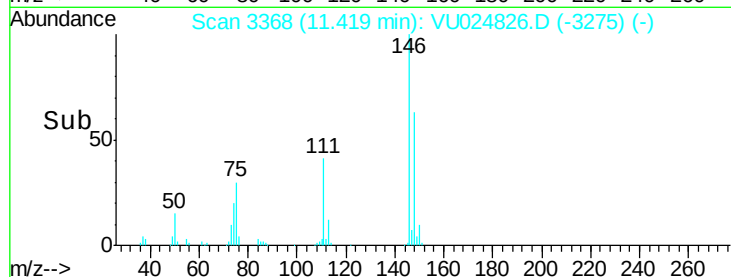
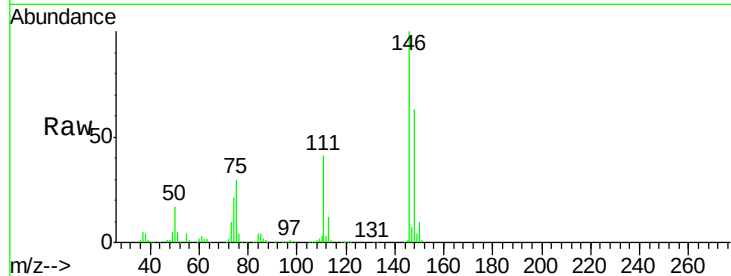
#87
 1,3-Dichlorobenzene
 Concen: 49.88 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	63.1	32.1	96.5

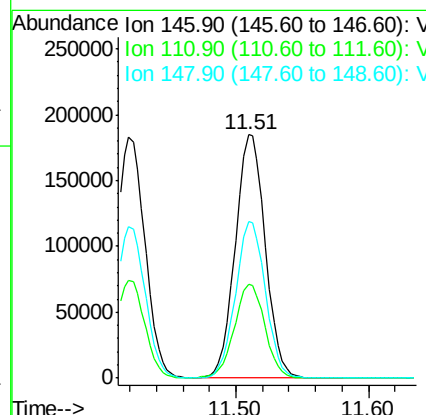
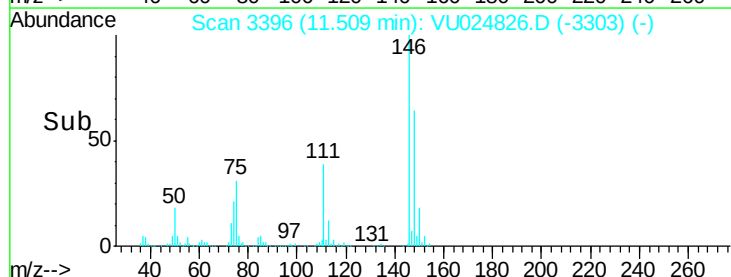
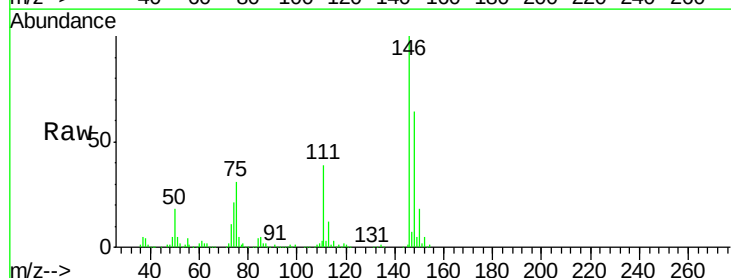
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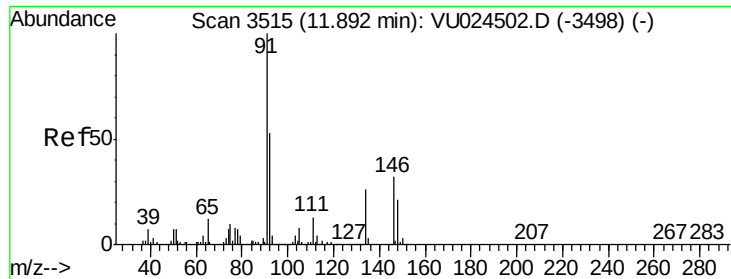
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#88
 1,4-Dichlorobenzene
 Concen: 50.29 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	64.3	32.4	97.0





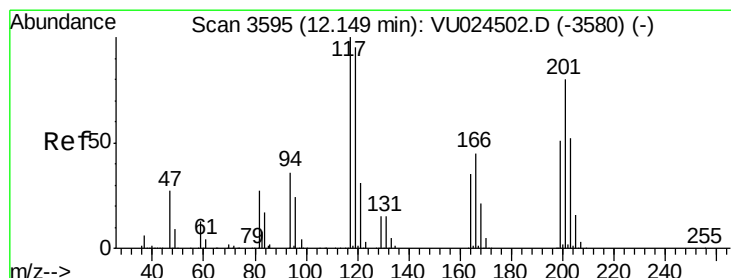
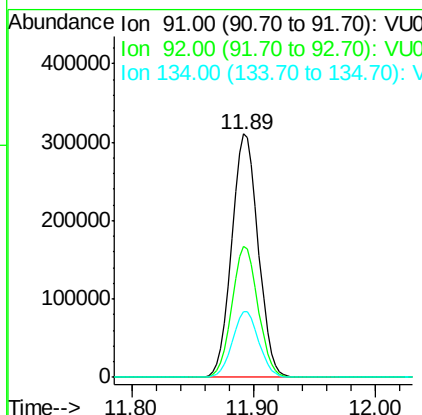
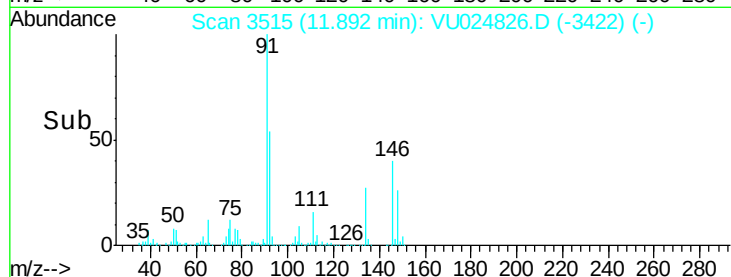
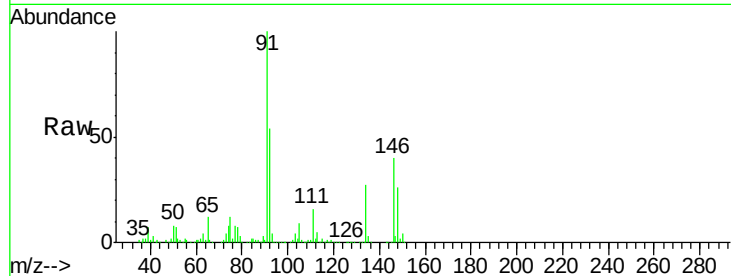
#89
n-Butylbenzene
Concen: 46.28 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.6	76.8
134	27.0	12.3	36.8

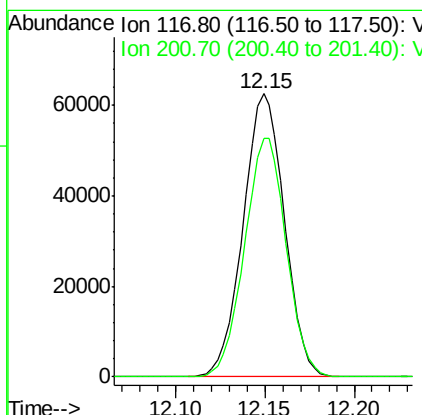
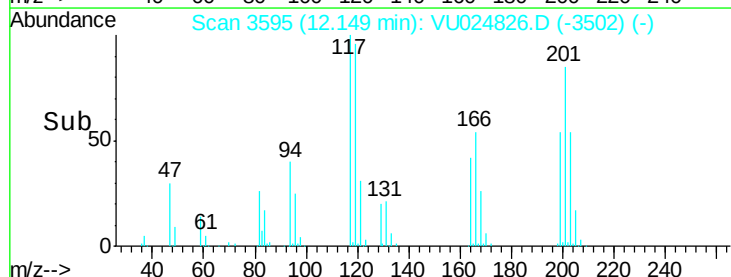
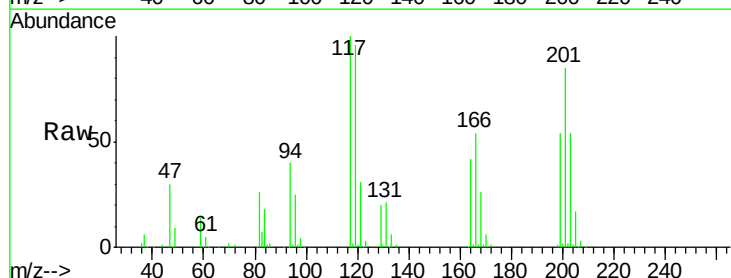
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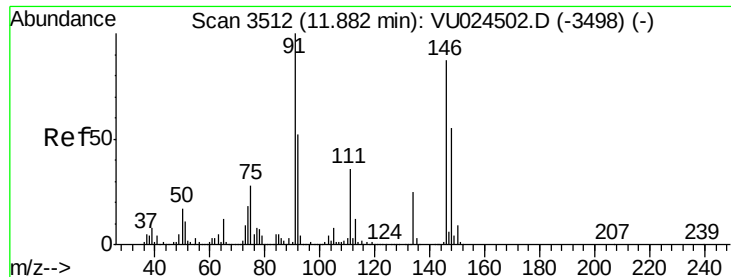
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#90
Hexachloroethane
Concen: 45.45 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	41.1	123.3





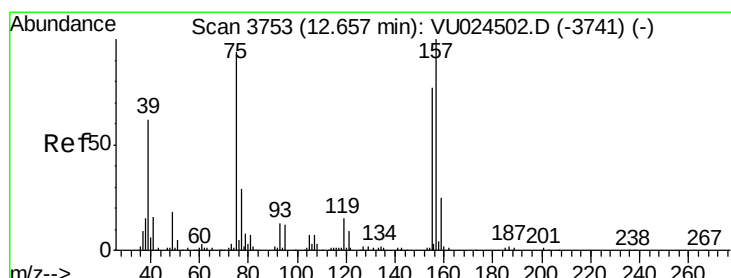
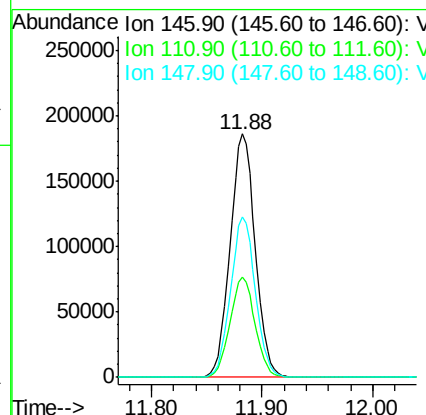
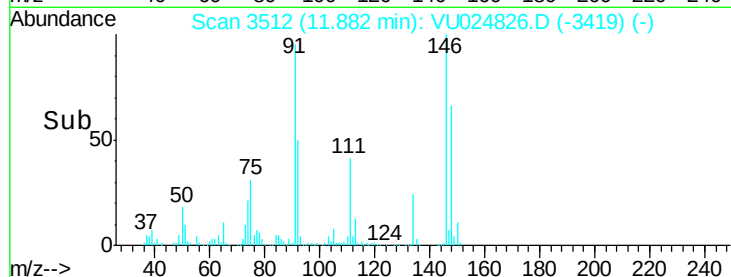
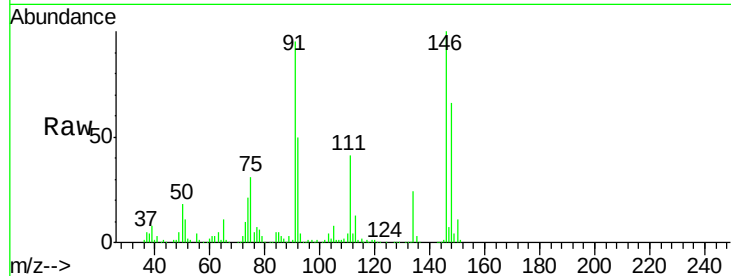
#91
 1,2-Dichlorobenzene
 Concen: 51.22 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
146	100		
111	41.2	20.5	61.6
148	65.2	31.9	95.7

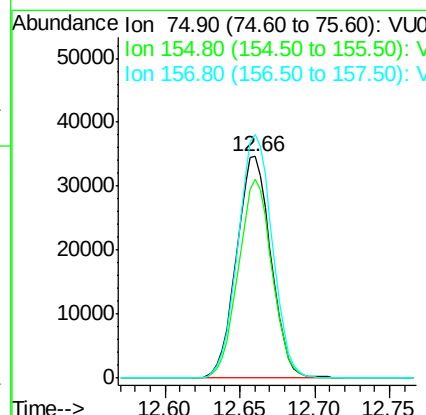
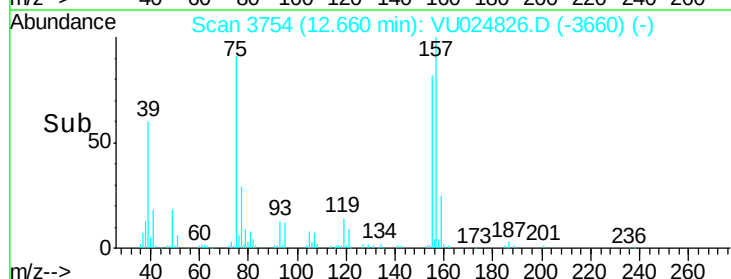
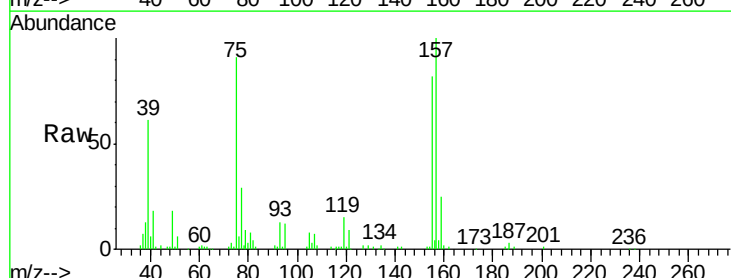
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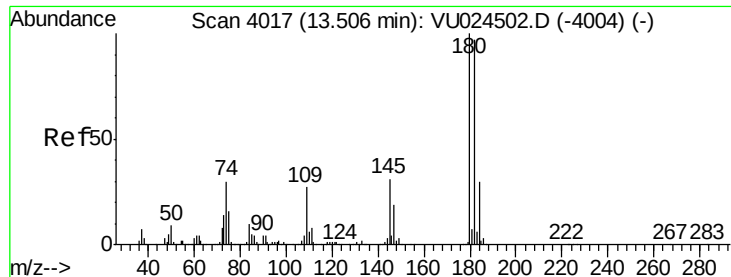
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.19 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Resp Lower	Upper
75	100		
155	87.6	40.4	121.2
157	109.9	52.3	156.8





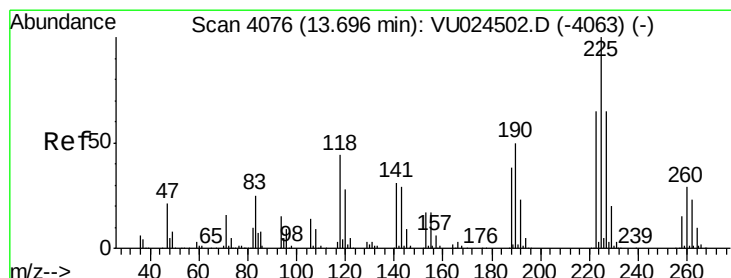
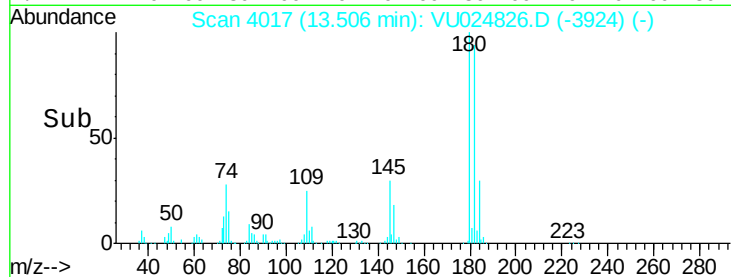
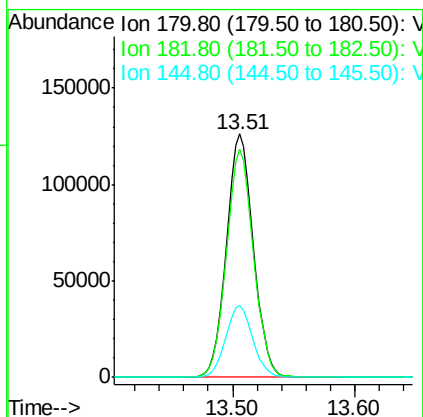
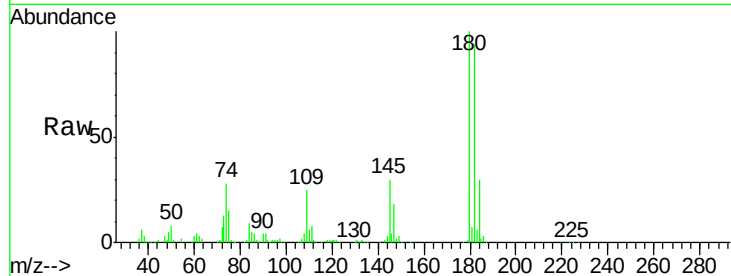
#93
 1,2,4-Trichlorobenzene
 Concen: 55.13 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	194859		
182	94.3	48.0	144.2	
145	29.8	14.7	44.1	

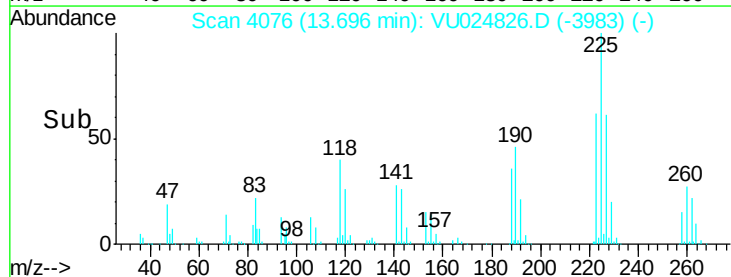
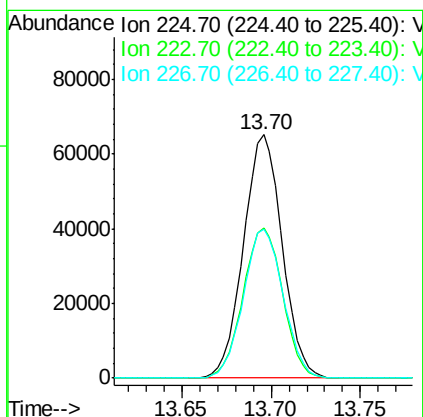
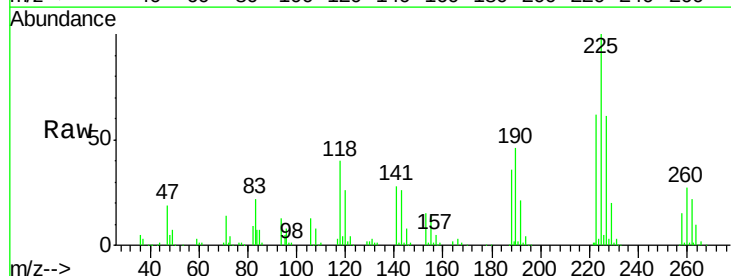
Manual Integrations
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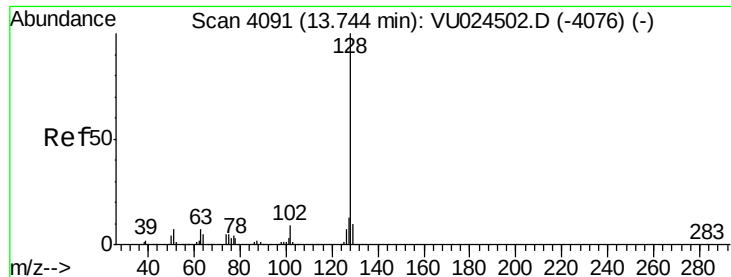
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 6/22/2018 4:02:21 PM



#94
 Hexachlorobutadiene
 Concen: 49.62 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98720		
223	63.0	31.3	93.8	
227	62.9	31.8	95.4	





#95

Naphthalene

Concen: 55.49 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

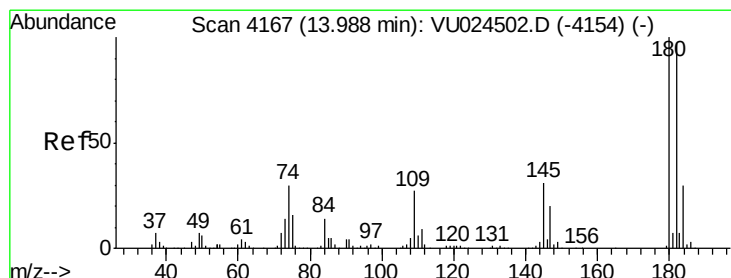
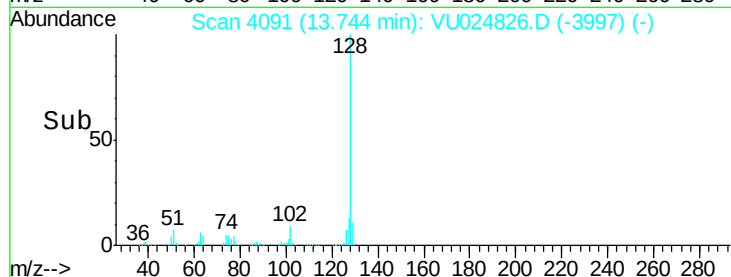
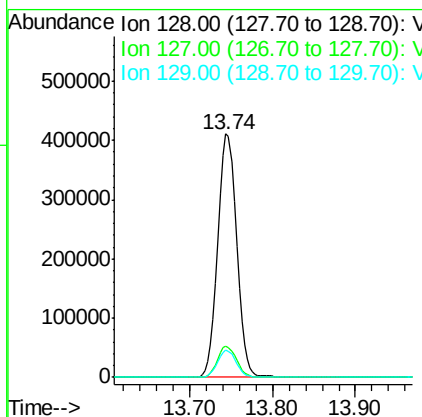
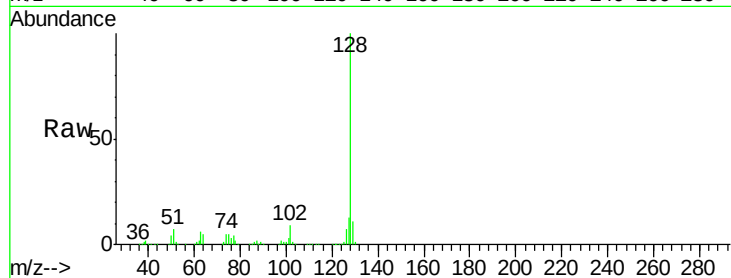
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	650152
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.9	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 58.01 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Tgt Ion:	180	Resp:	204315
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.7
145	31.2	15.4	46.1

