

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024839.D
 Acq On : 22 Jun 2018 17:22
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 6/26/2018 11:59:36 AM

Quant Time: Jun 23 03:12:42 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	180799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	265811	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	158936	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	118251	40.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.12%	
35) Dibromofluoromethane	4.89	113	95015	43.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.14%	
50) Toluene-d8	7.57	98	341365	42.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.84%	
62) 4-Bromofluorobenzene	10.31	95	139140	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	97349	43.02	ug/l	99
3) Chloromethane	1.33	50	102043	44.14	ug/l	100
4) Vinyl Chloride	1.40	62	107373	45.03	ug/l	98
5) Bromomethane	1.62	94	72990	63.32	ug/l	98
6) Chloroethane	1.69	64	68744	51.63	ug/l	99
7) Trichlorofluoromethane	1.89	101	180874	49.71	ug/l	100
8) Diethyl Ether	2.10	74	68695	55.69	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	106267	47.07	ug/l	97
10) Methyl Iodide	2.41	142	97512	50.93	ug/l	98
11) Tert butyl alcohol	2.83	59	153747	214.18	ug/l	100
12) 1,1-Dichloroethene	2.28	96	94351	45.83	ug/l	93
13) Acrolein	2.19	56	71680	190.15	ug/l	99
14) Allyl chloride	2.59	41	188854	49.41	ug/l	91
15) Acrylonitrile	2.94	53	332674	238.19	ug/l	99
16) Acetone	2.32	43	364204	229.65	ug/l	100
17) Carbon Disulfide	2.48	76	272891	41.40	ug/l	99
18) Methyl Acetate	2.62	43	175505	51.62	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	378711	48.94	ug/l	98
20) Methylene Chloride	2.70	84	114387	45.97	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	106271	46.87	ug/l	99
22) Diisopropyl ether	3.57	45	372899	49.21	ug/l	98
23) Vinyl Acetate	3.53	43	1629325	240.04	ug/l	99
24) 1,1-Dichloroethane	3.45	63	210751	48.35	ug/l	98
25) 2-Butanone	4.26	43	519307	243.78	ug/l	96
26) 2,2-Dichloropropane	4.23	77	199376	48.17	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	127305	48.84	ug/l	99
28) Bromochloromethane	4.55	49	81171	42.28	ug/l	88
29) Tetrahydrofuran	4.63	42	304783	231.04	ug/l	97
30) Chloroform	4.68	83	222966	50.54	ug/l	100
31) Cyclohexane	5.00	56	193943	50.11	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	199353	48.86	ug/l	96
36) 1,1-Dichloropropene	5.14	75	158608	50.78	ug/l	97
37) Ethyl Acetate	4.38	43	182509	53.61	ug/l	98
38) Carbon Tetrachloride	5.14	117	181815	52.93	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	205671	52.77	ug/l	95
40) Benzene	5.39	78	473025	53.15	ug/l	100
41) Methacrylonitrile	4.54	41	99901	54.43	ug/l	97
42) 1,2-Dichloroethane	5.41	62	188153	55.51	ug/l	100
43) Isopropyl Acetate	5.55	43	294513	50.05	ug/l	98
44) Trichloroethene	6.19	130	129718	51.21	ug/l	98
45) 1,2-Dichloropropane	6.44	63	127110	53.52	ug/l	99
46) Dibromomethane	6.56	93	87831	52.65	ug/l	93
47) Bromodichloromethane	6.76	83	173670	52.28	ug/l	100
48) Methyl methacrylate	6.63	41	150947	52.68	ug/l	98
49) 1,4-Dioxane	6.62	88	70096	1250.87	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	937643	253.62	ug/l	98
52) Toluene	7.64	92	303230	52.96	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	196204	52.60	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	204976	51.57	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	126142	54.19	ug/l	97
56) Ethyl methacrylate	8.02	69	201595	51.75	ug/l	98
57) 1,3-Dichloropropane	8.25	76	212509	54.12	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	300376	201.26	ug/l	95
59) 2-Hexanone	8.36	43	767595	254.32	ug/l	99
60) Dibromochloromethane	8.48	129	148003	50.99	ug/l	99
61) 1,2-Dibromoethane	8.59	107	136632	52.74	ug/l	97
64) Tetrachloroethene	8.23	164	121202	50.19	ug/l	98
65) Chlorobenzene	9.12	112	348287	53.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	130707	53.01	ug/l	98
67) Ethyl Benzene	9.25	91	605892	53.25	ug/l	97
68) m/p-Xylenes	9.38	106	476153	108.99	ug/l	97
69) o-Xylene	9.78	106	233066	53.90	ug/l	96
70) Styrene	9.80	104	375725	52.88	ug/l	99
71) Bromoform	9.96	173	116329	49.64	ug/l #	99
73) Isopropylbenzene	10.17	105	634480	52.00	ug/l	99
74) N-amyl acetate	10.01	43	279392	48.14	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	206990	50.62	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	189063m	54.03	ug/l	
77) Bromobenzene	10.45	156	159709	51.70	ug/l	94
78) n-propylbenzene	10.59	91	735579	51.17	ug/l	97
79) 2-Chlorotoluene	10.66	91	430709	50.81	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	556442	52.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	70665m	46.74	ug/l	
82) 4-Chlorotoluene	10.78	91	509090	51.60	ug/l	99
83) tert-Butylbenzene	11.10	119	546599	53.73	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	569121	52.80	ug/l	100
85) sec-Butylbenzene	11.33	105	671338	52.72	ug/l	97
86) p-Isopropyltoluene	11.48	119	602752	52.85	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	300542	52.66	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	305570	53.19	ug/l	99
89) n-Butylbenzene	11.89	91	524812	51.83	ug/l	97
90) Hexachloroethane	12.15	117	105982	47.63	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	311291	54.45	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	57090	50.60	ug/l	93

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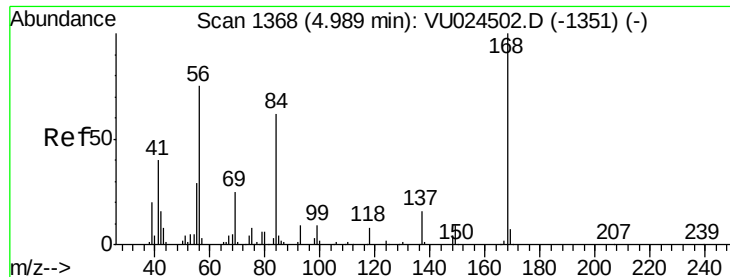
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	219076	62.06	ug/l	99
94) Hexachlorobutadiene	13.70	225	110643	55.68	ug/l	99
95) Naphthalene	13.74	128	706262	60.29	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	228120	64.85	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 180799

Ion Ratio Lower Upper

168 100

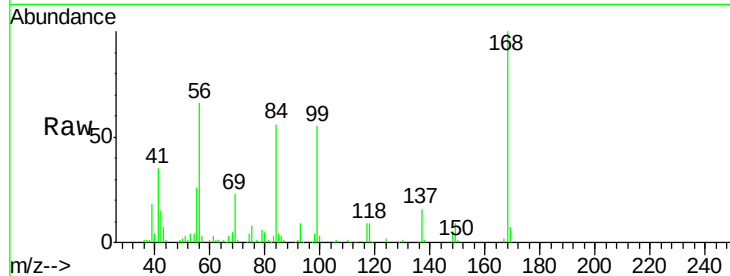
99 54.2 43.2 64.8

Manual Integrations

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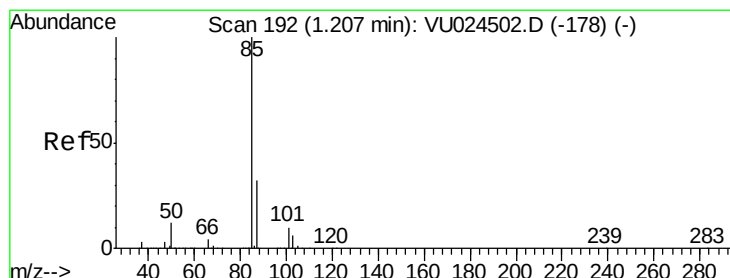
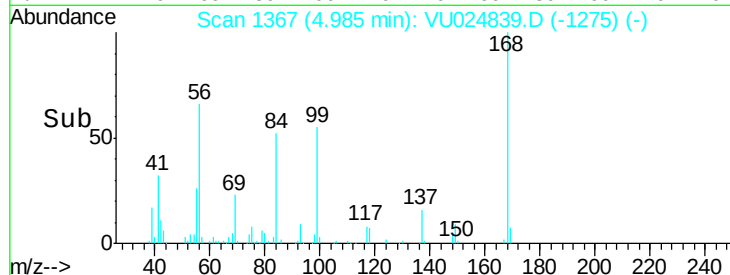
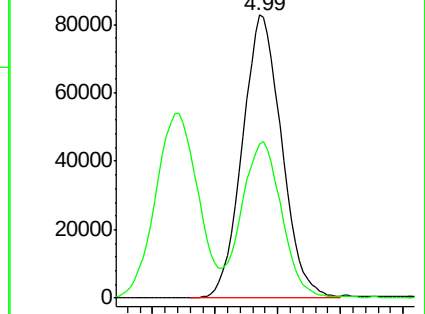
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 43.02 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024839.D

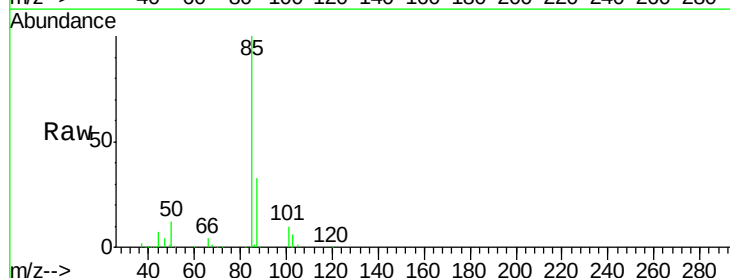
Acq: 22 Jun 2018 17:22

Tgt Ion: 85 Resp: 97349

Ion Ratio Lower Upper

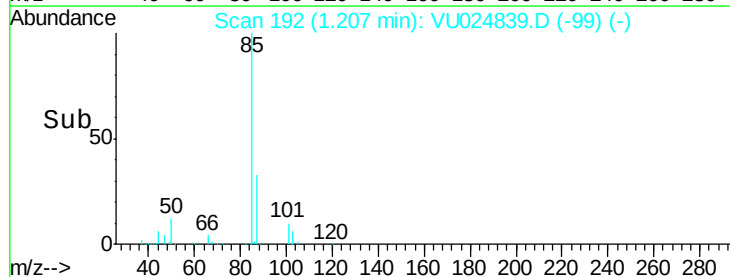
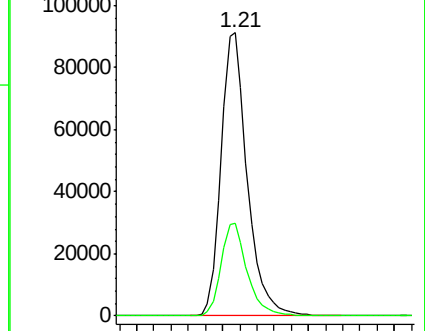
85 100

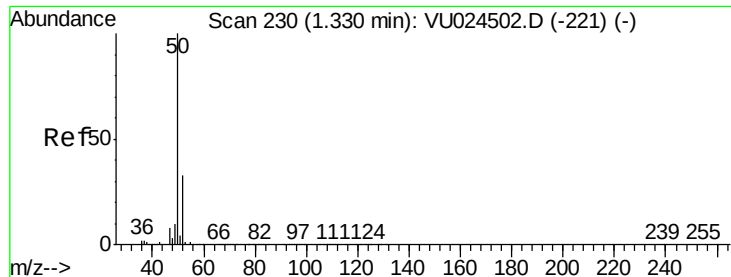
87 32.7 16.1 48.2



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: 44.14 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 102043

Ion Ratio Lower Upper

50 100

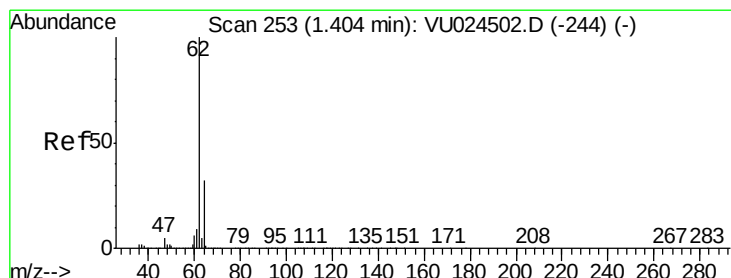
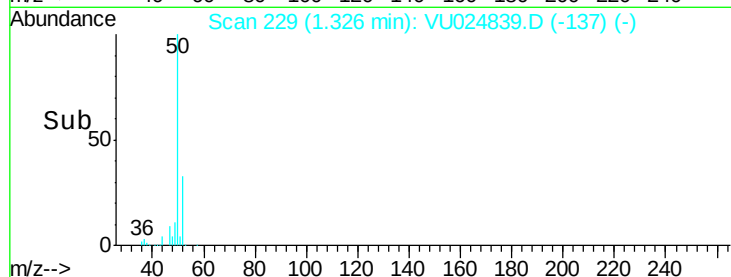
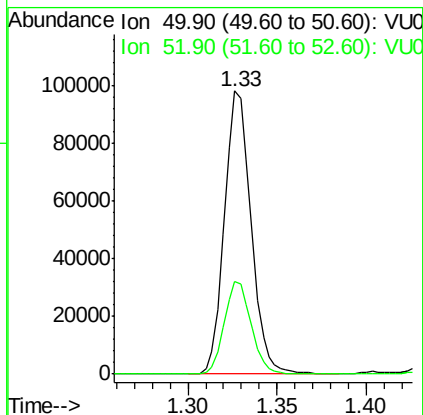
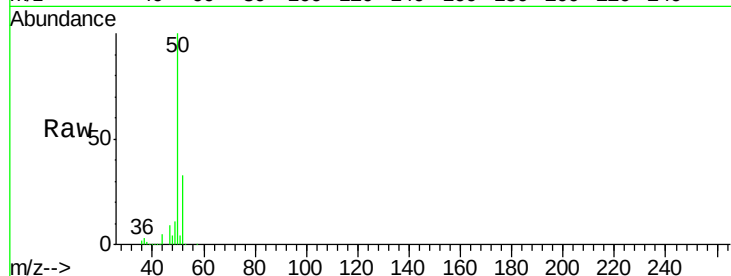
52 32.8 26.4 39.6

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#4

Vinyl Chloride

Concen: 45.03 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024839.D

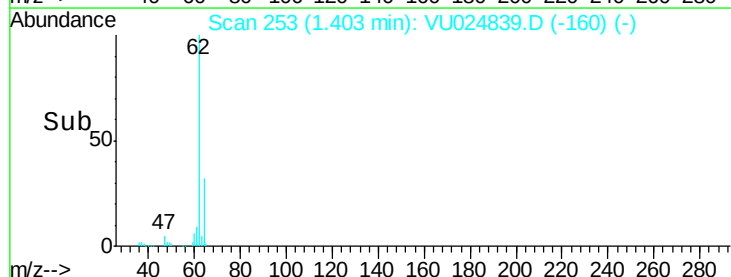
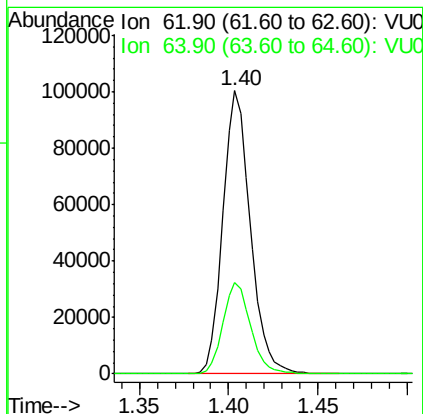
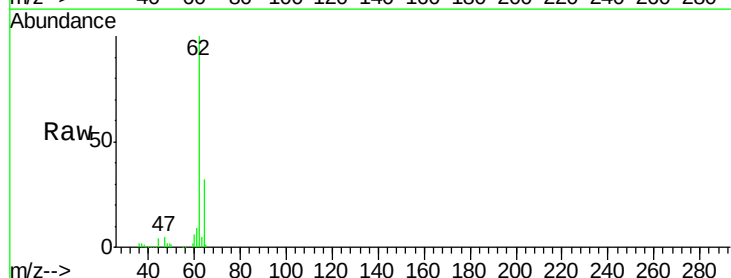
Acq: 22 Jun 2018 17:22

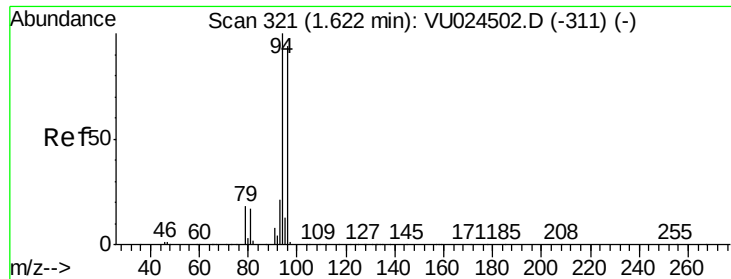
Tgt Ion: 62 Resp: 107373

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2





#5

Bromomethane

Concen: 63.32 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 72990

Ion Ratio Lower Upper

94 100

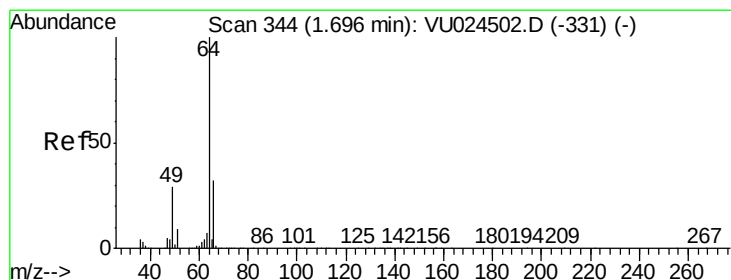
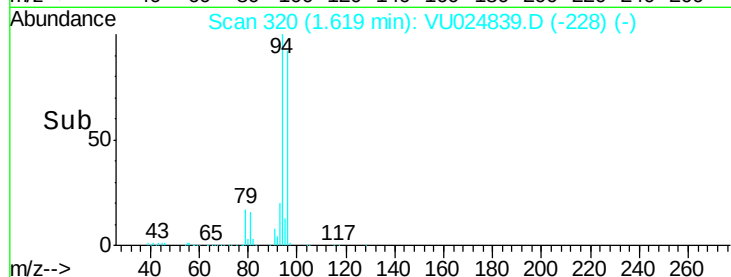
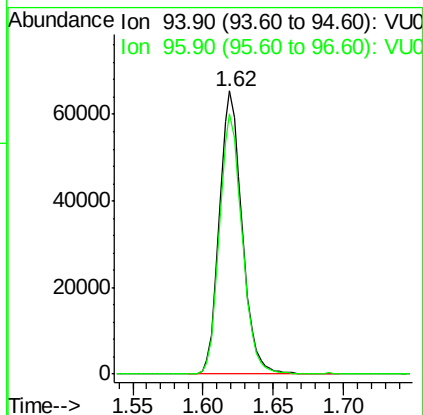
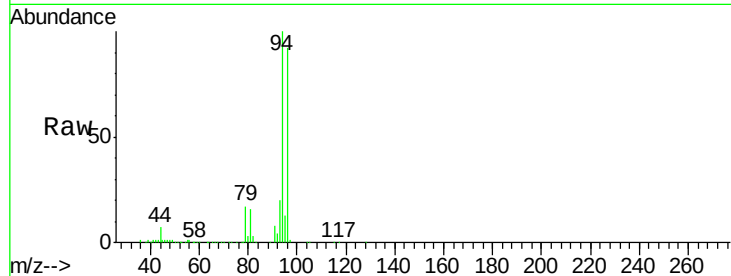
96 91.6 74.5 111.7

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6/26/2018 11:59:36 AM



#6

Chloroethane

Concen: 51.63 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024839.D

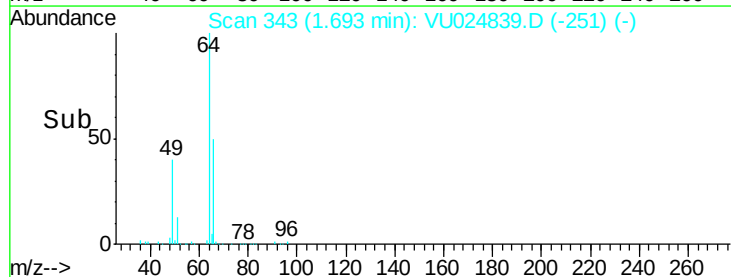
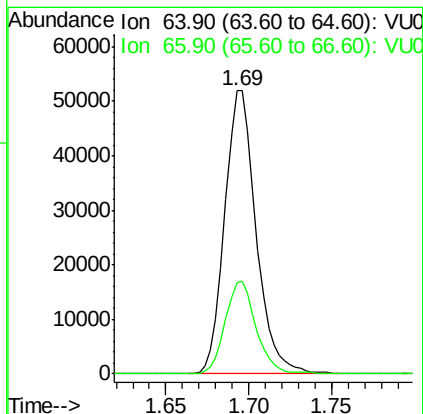
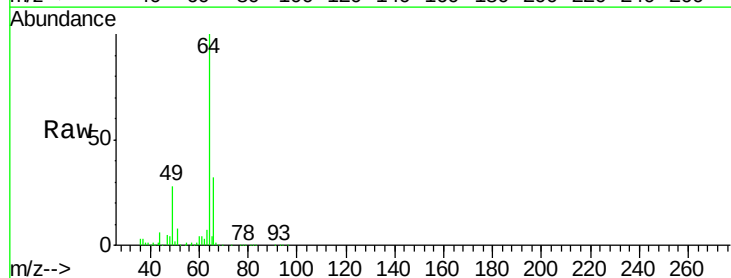
Acq: 22 Jun 2018 17:22

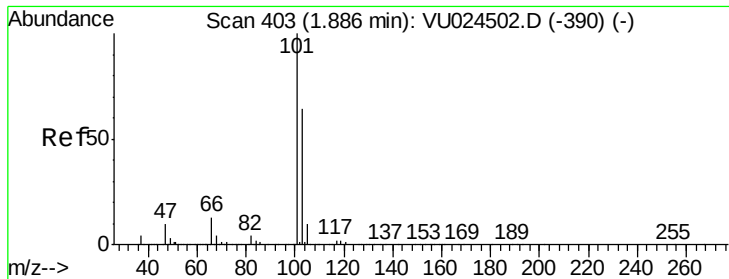
Tgt Ion: 64 Resp: 68744

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

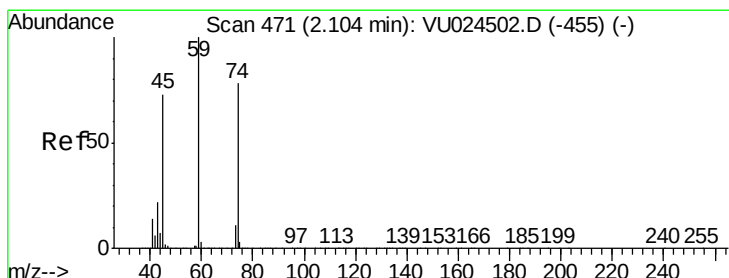
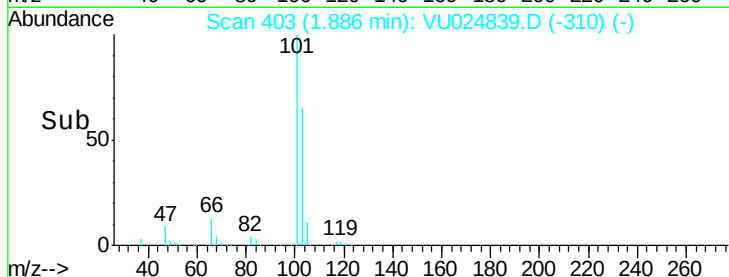
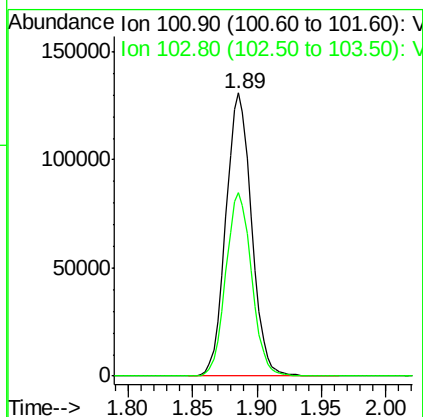
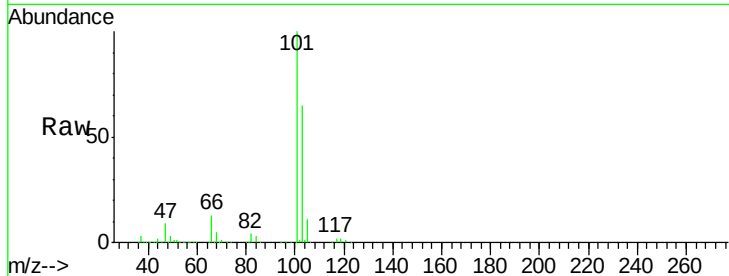
Trichlorofluoromethane
Concen: 49.71 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024839.D
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.3	78.5

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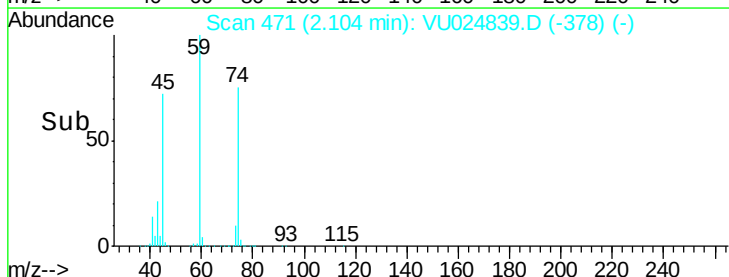
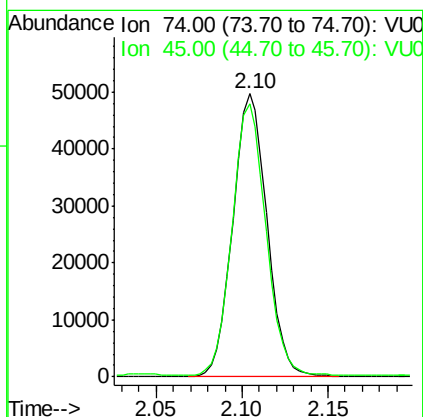
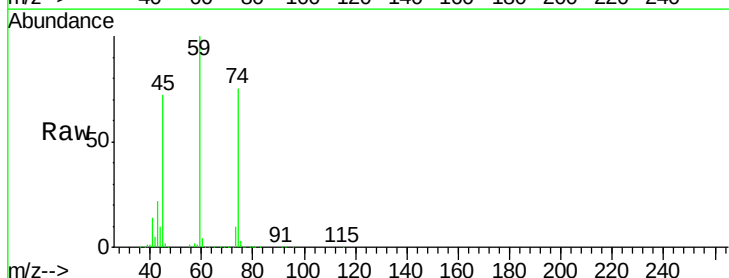
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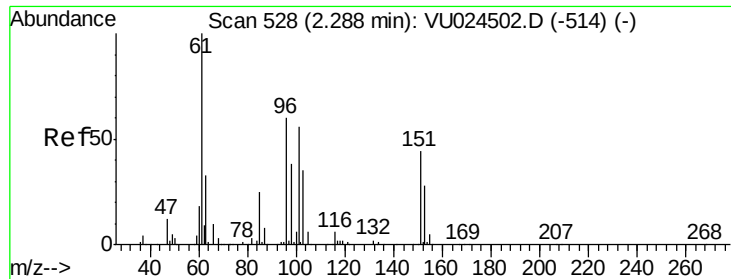


#8

Diethyl Ether
Concen: 55.69 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.8	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.07 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

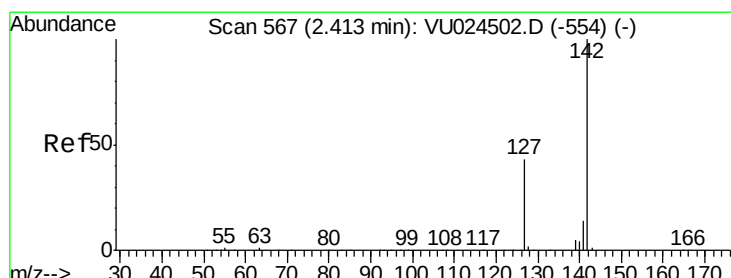
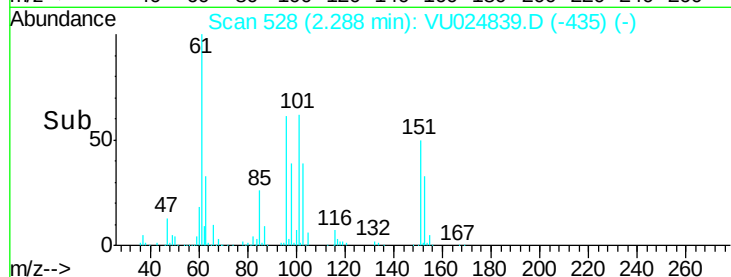
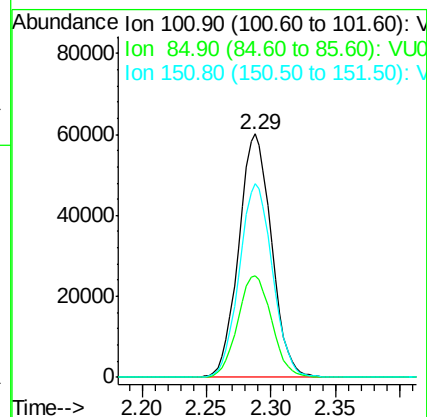
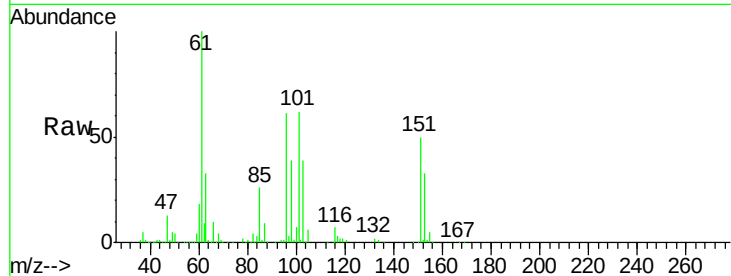
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	106267
Ion Ratio	Lower	Upper	
101	100		
85	43.2	36.0	54.0
151	80.8	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 50.93 ug/l

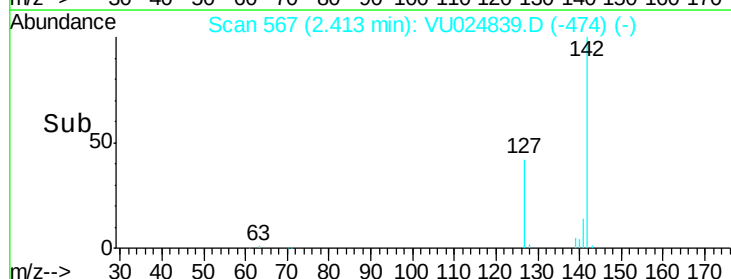
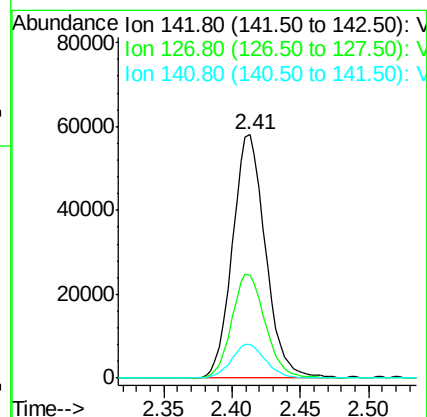
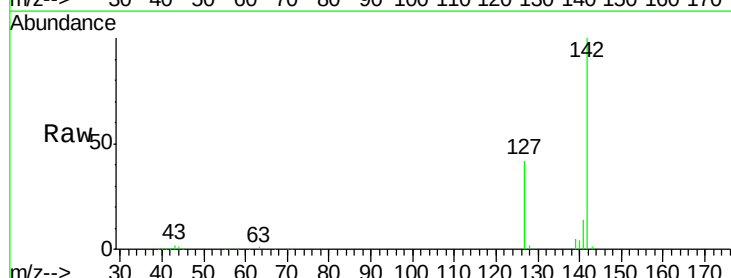
RT: 2.41 min Scan# 567

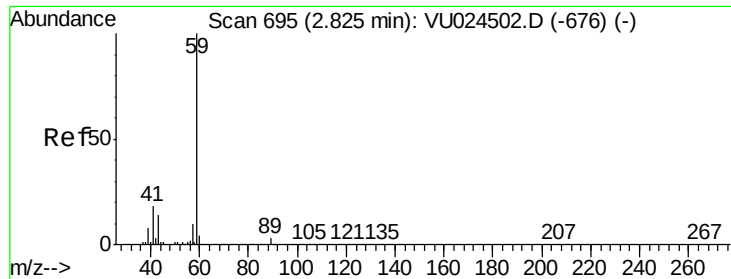
Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Tgt Ion:	142	Resp:	97512
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.6	53.4
141	14.2	11.7	17.5





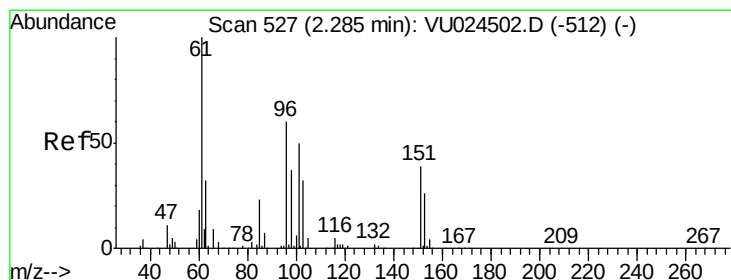
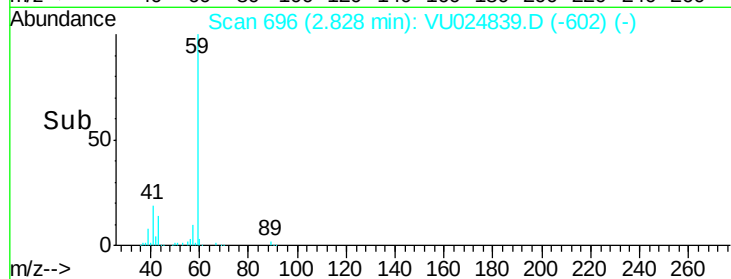
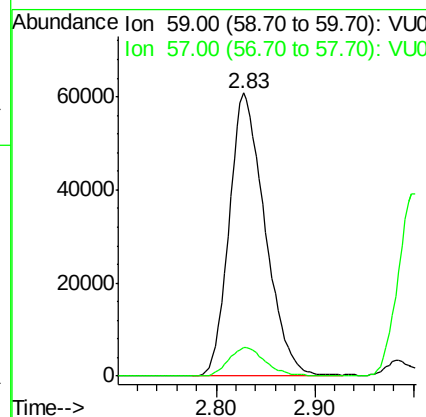
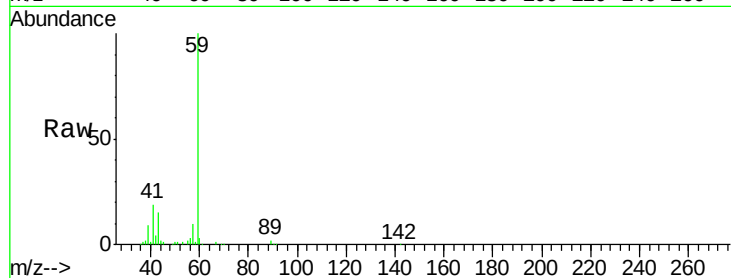
#11
Tert butyl alcohol
Concen: 214.18 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

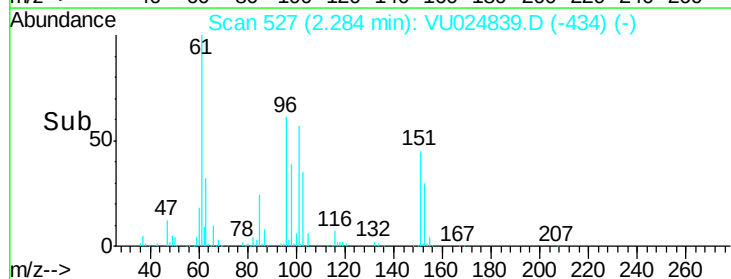
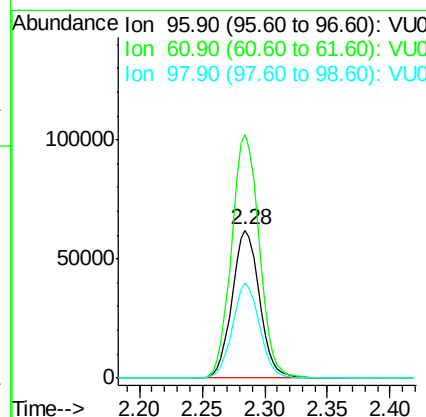
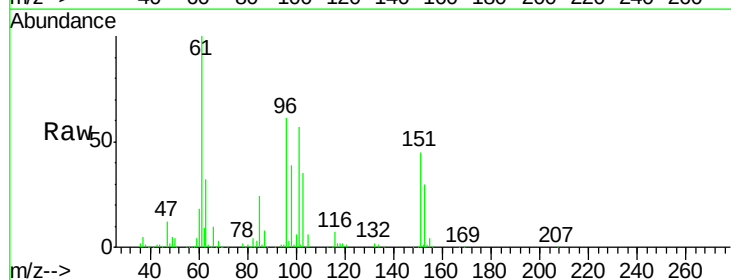
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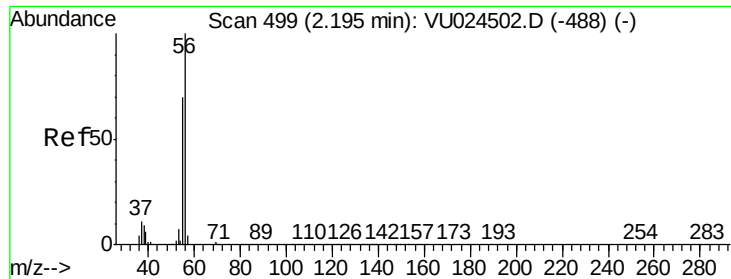
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#12
1,1-Dichloroethene
Concen: 45.83 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.4	141.7	212.5
98	63.9	51.6	77.4





#13

Acrolein

Concen: 190.15 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 71680

Ion Ratio Lower Upper

56 100

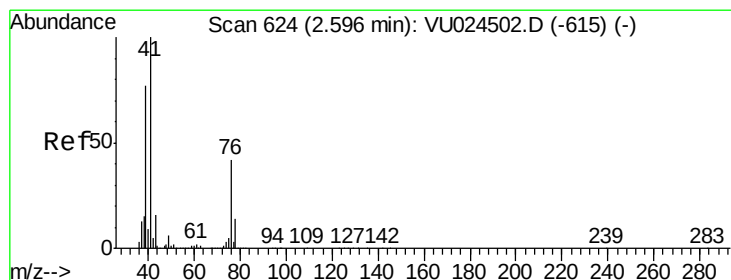
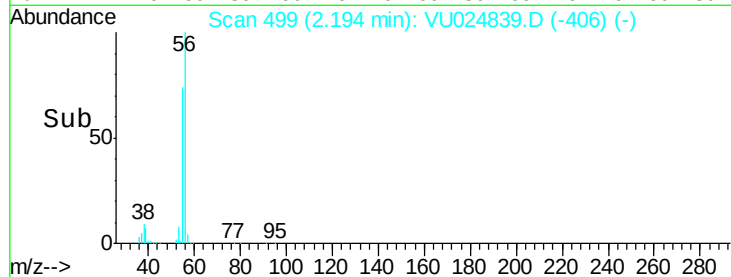
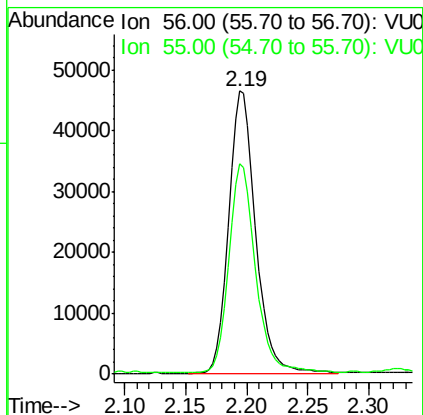
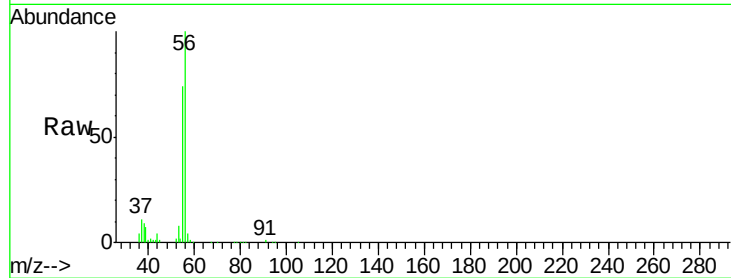
55 73.5 58.4 87.6

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#14

Allyl chloride

Concen: 49.41 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

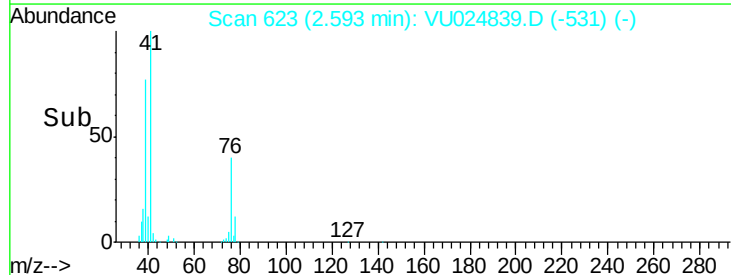
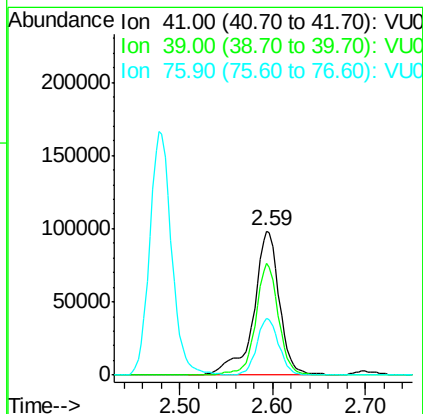
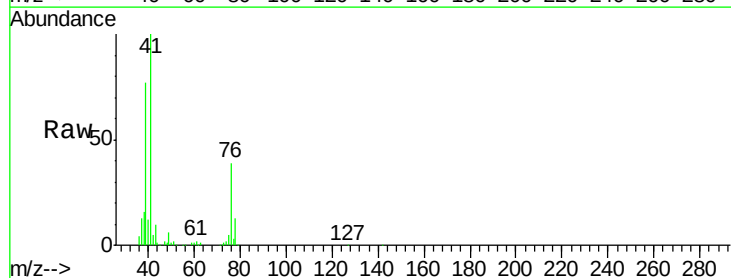
Tgt Ion: 41 Resp: 188854

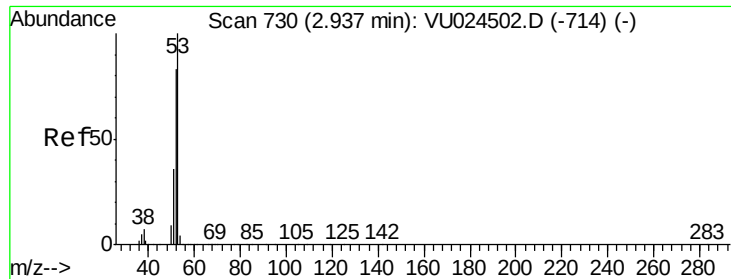
Ion Ratio Lower Upper

41 100

39 68.1 61.6 92.4

76 33.7 29.7 44.5





#15

Acrylonitrile

Concen: 238.19 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

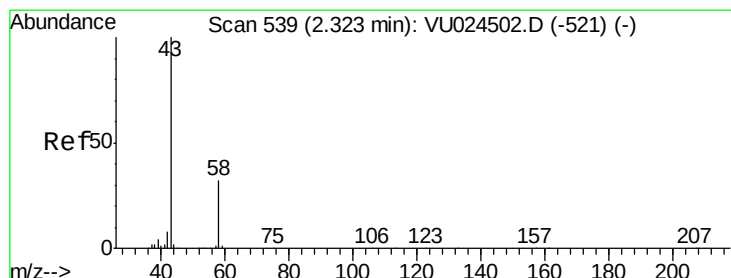
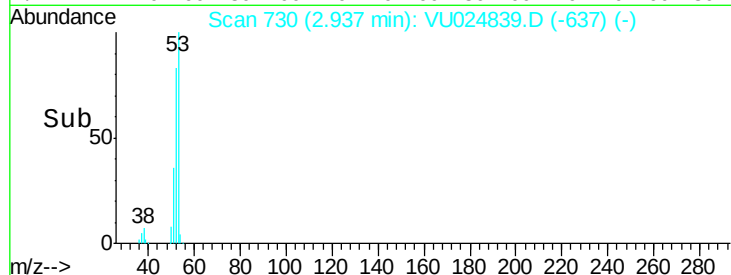
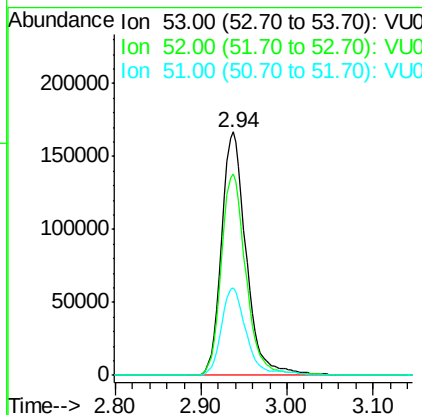
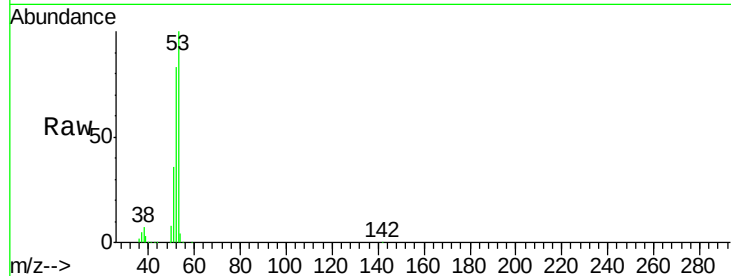
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	332674
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.1	100.7
51	36.7	28.4	42.6

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#16

Acetone

Concen: 229.65 ug/l

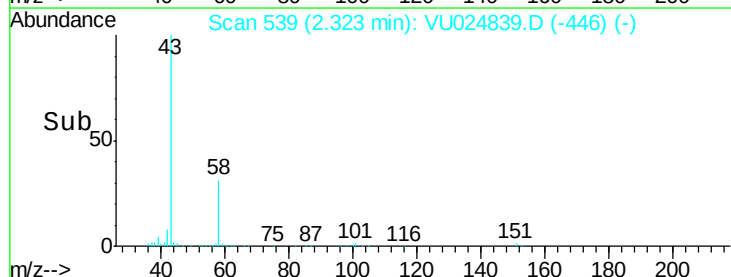
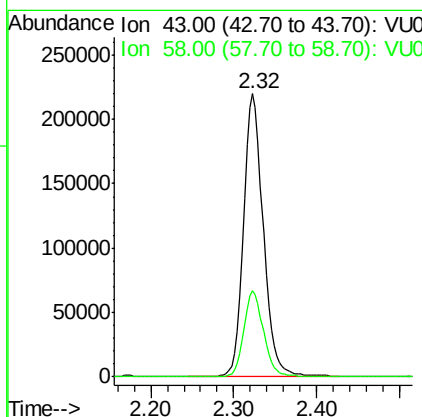
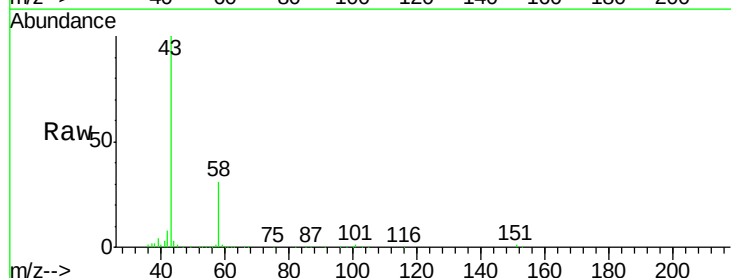
RT: 2.32 min Scan# 539

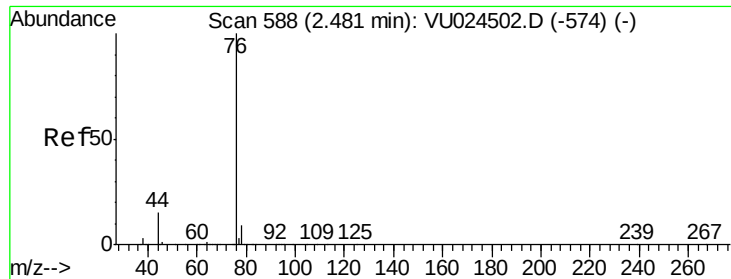
Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Tgt Ion:	43	Resp:	364204
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.4	36.6





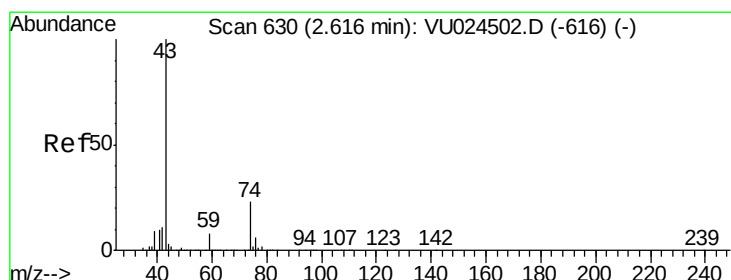
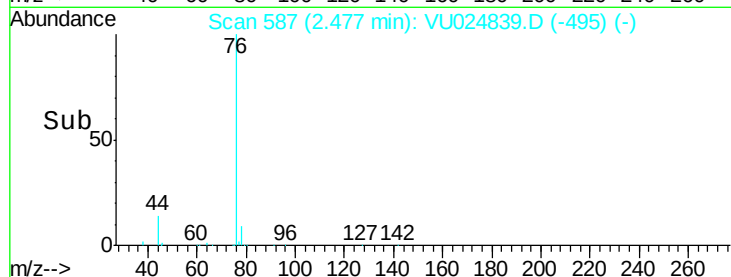
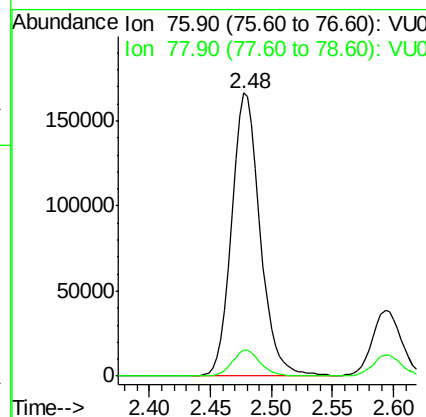
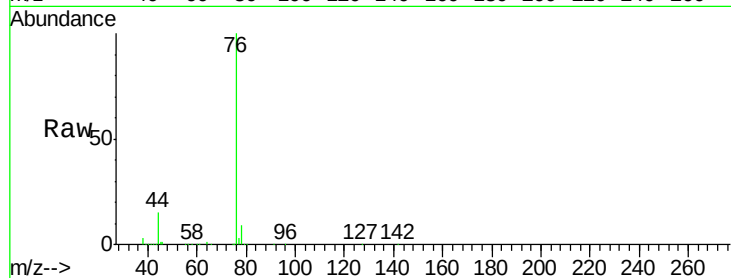
#17
Carbon Disulfide
Concen: 41.40 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

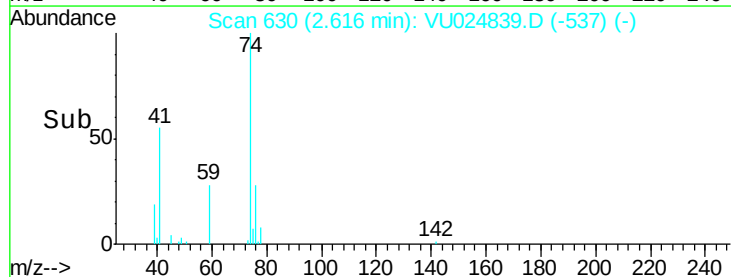
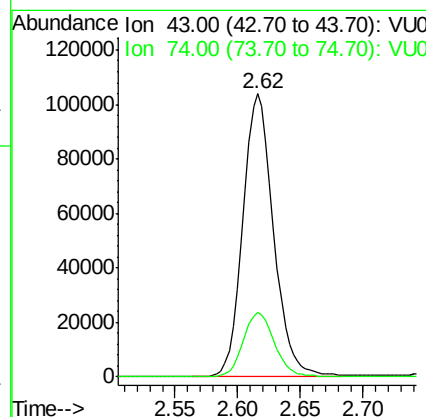
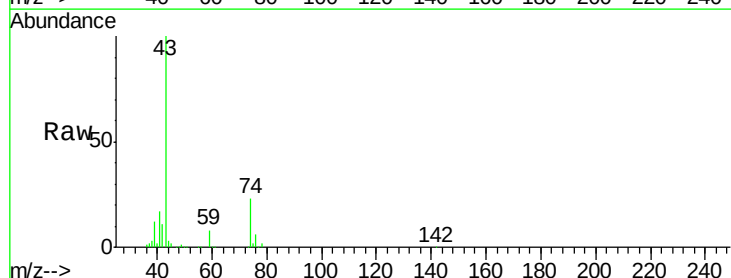
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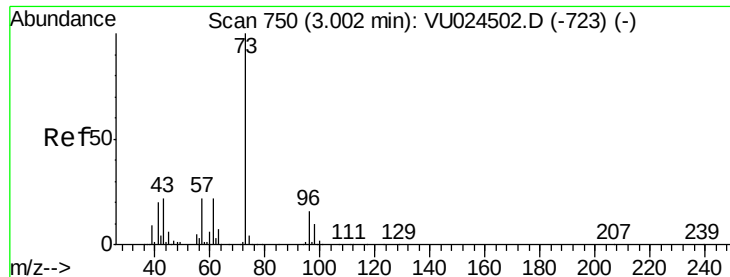
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#18
Methyl Acetate
Concen: 51.62 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.0	27.0





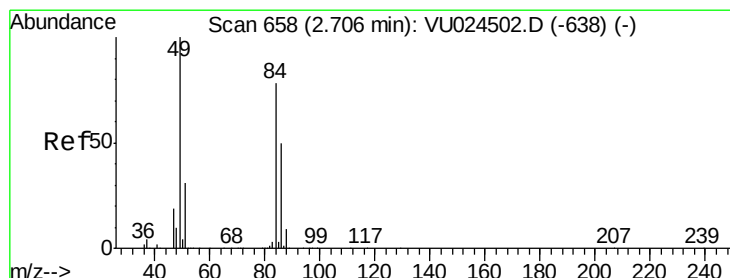
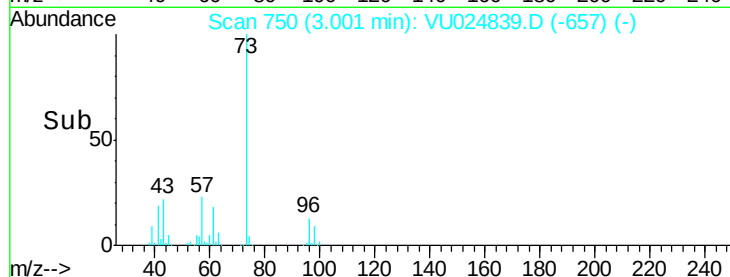
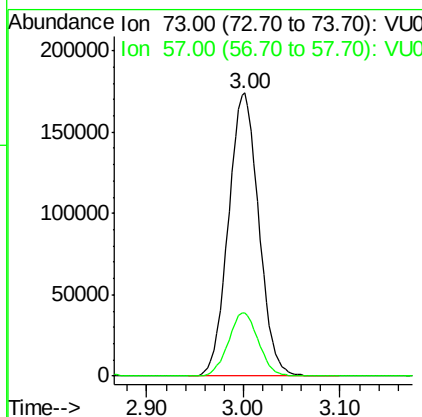
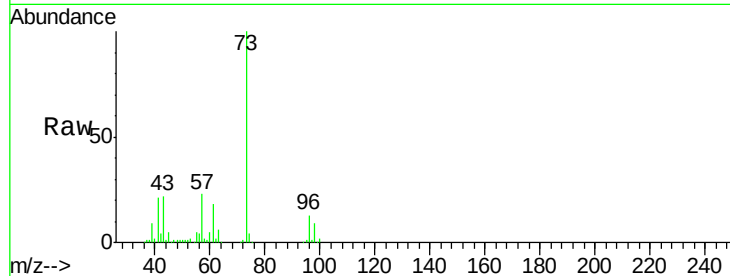
#19
Methyl tert-butyl Ether
Concen: 48.94 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.8	28.2

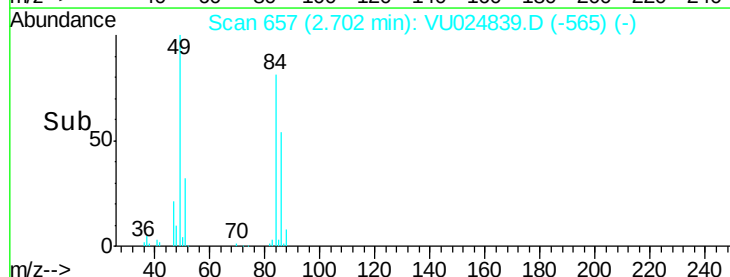
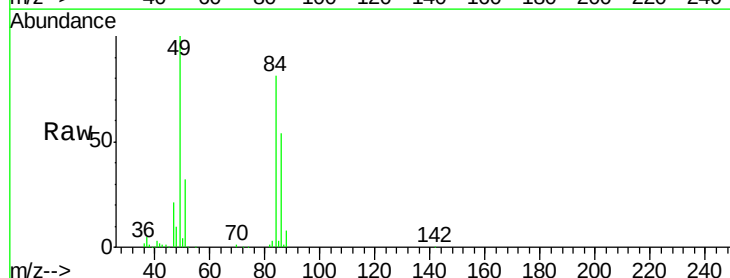
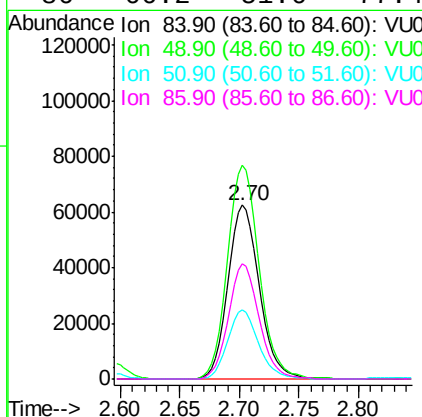
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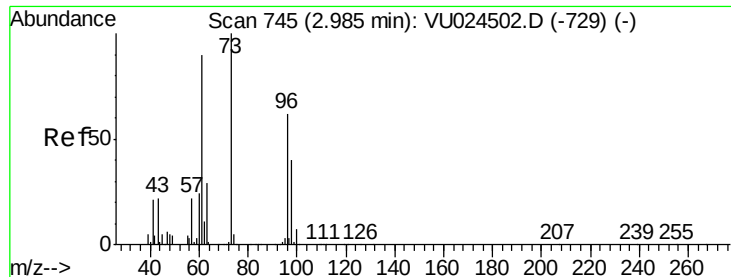
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#20
Methylene Chloride
Concen: 45.97 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	103.8	155.8
51	39.8	32.0	48.0
86	66.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 46.87 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

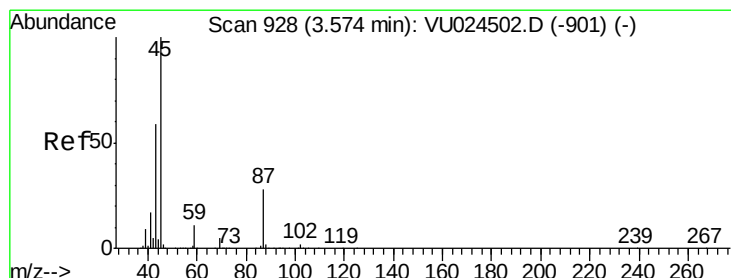
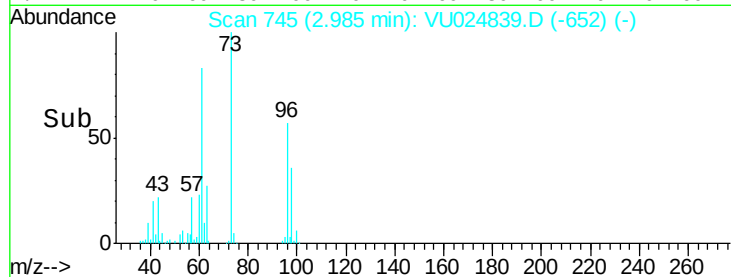
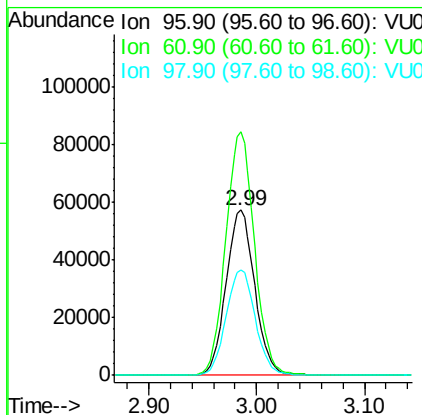
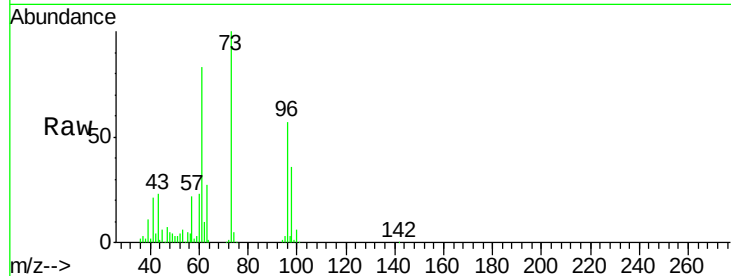
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	106271
Ion Ratio	Lower	Upper	
96	100		
61	147.5	119.4	179.0
98	64.1	51.1	76.7

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#22

Diisopropyl ether

Concen: 49.21 ug/l

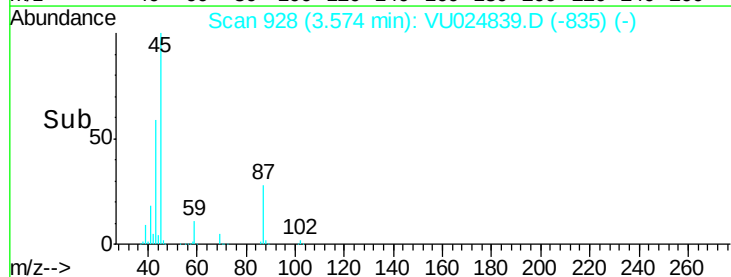
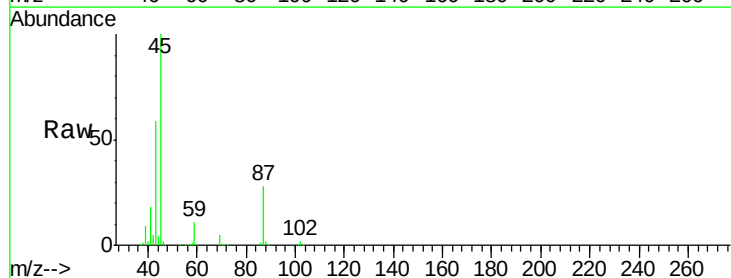
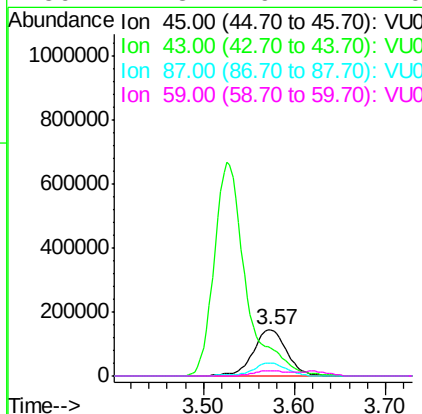
RT: 3.57 min Scan# 928

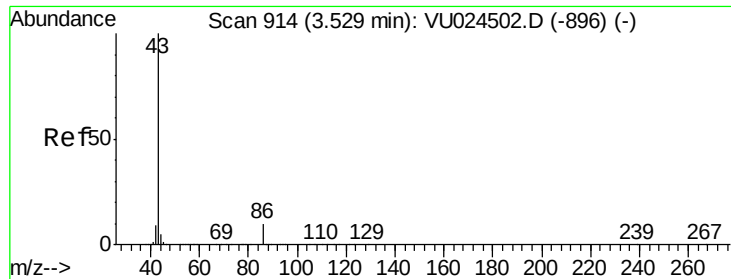
Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Tgt Ion:	45	Resp:	372899
Ion Ratio	Lower	Upper	
45	100		
43	57.6	45.8	68.6
87	28.0	20.6	31.0
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 240.04 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1629325

Ion Ratio Lower Upper

43 100

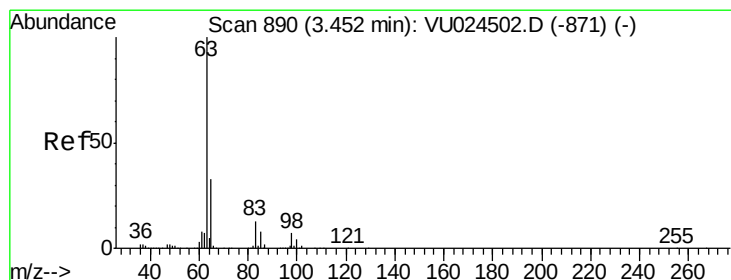
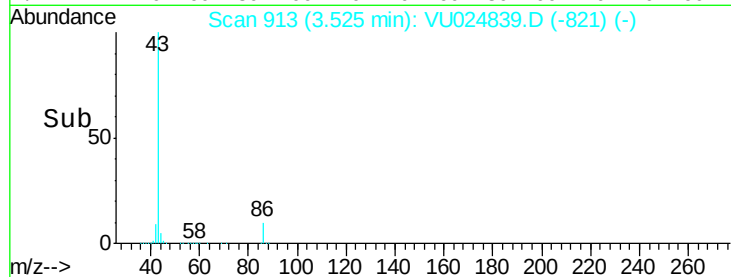
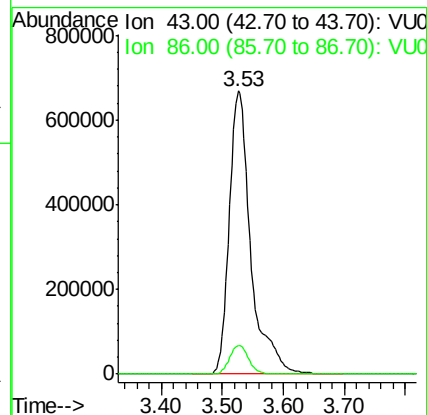
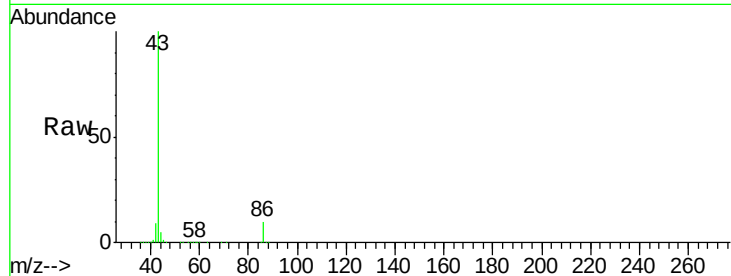
86 10.2 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 48.35 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

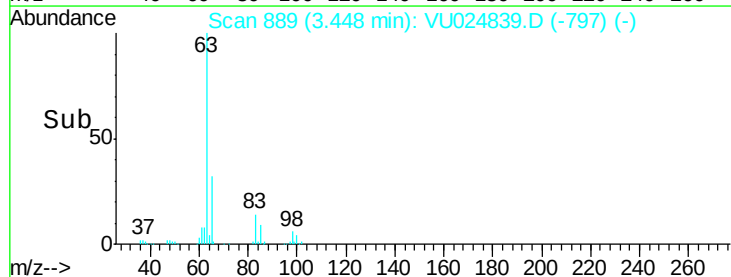
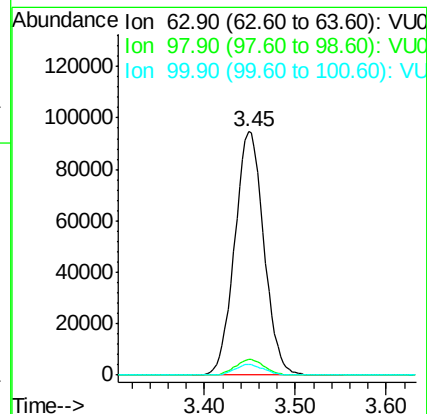
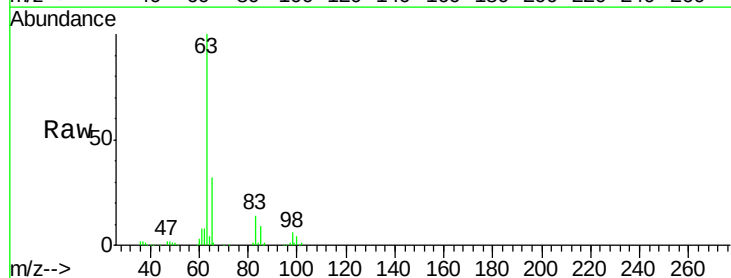
Tgt Ion: 63 Resp: 210751

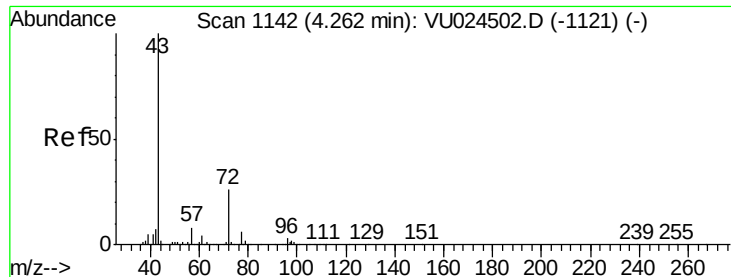
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.3 1.8 5.5





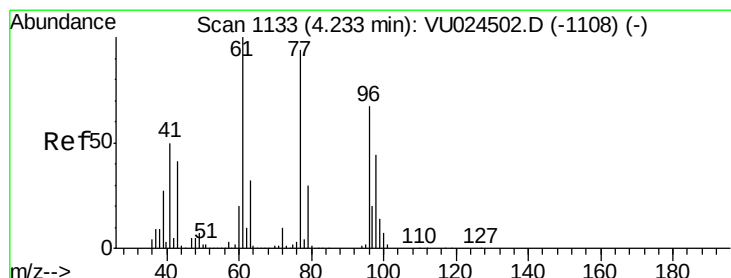
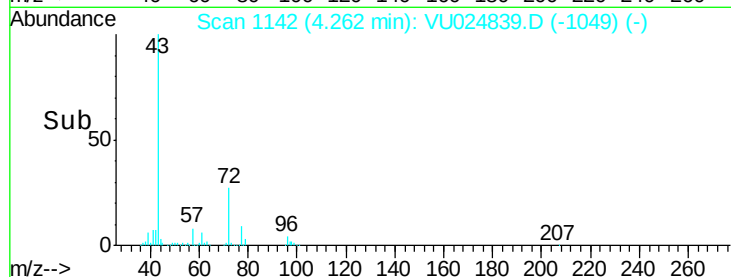
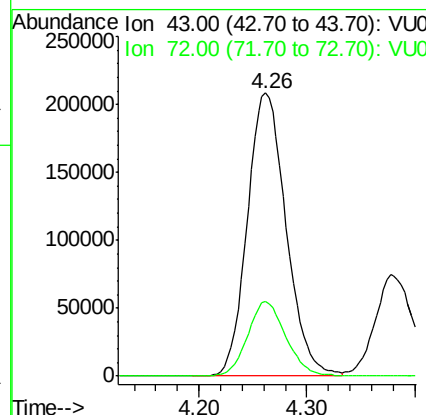
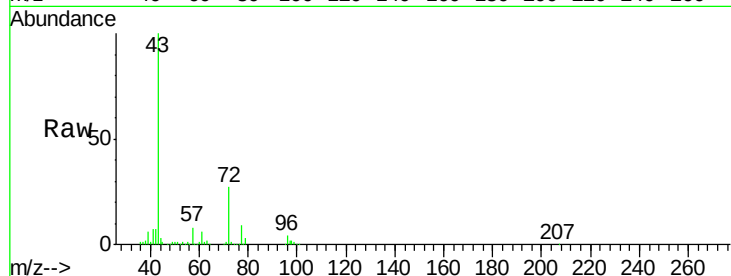
#25
2-Butanone
Concen: 243.78 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	26.6	19.6	29.4

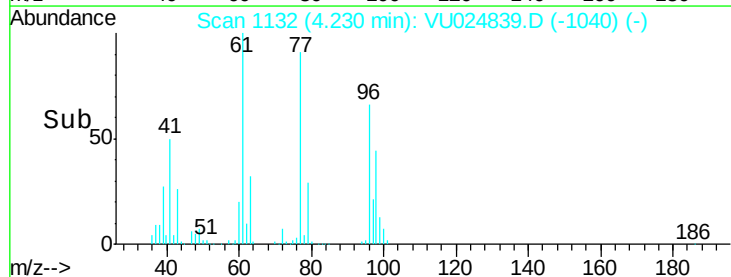
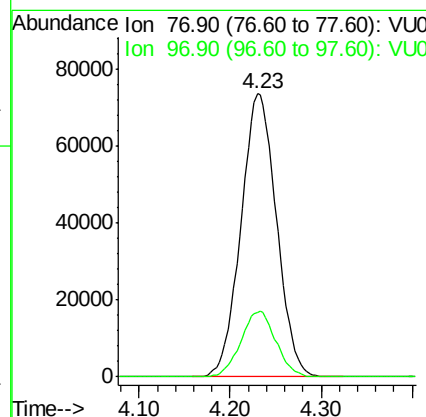
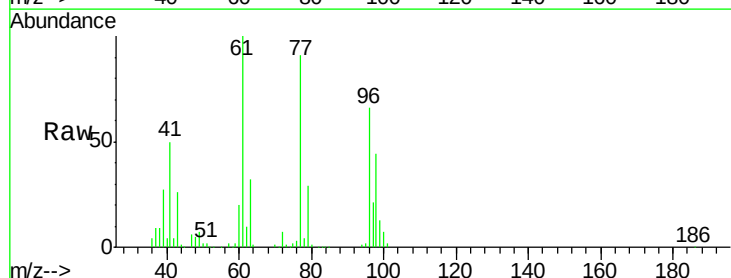
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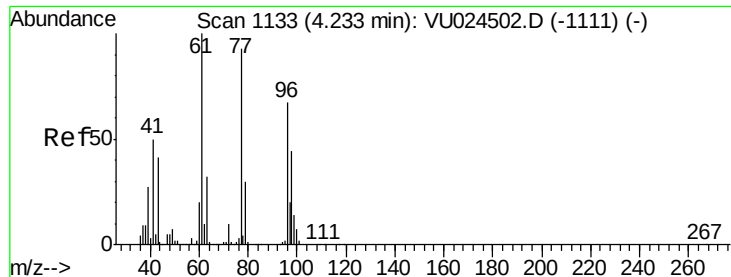
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#26
2,2-Dichloropropane
Concen: 48.17 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.3	33.8





#27

cis-1,2-Dichloroethene

Concen: 48.84 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

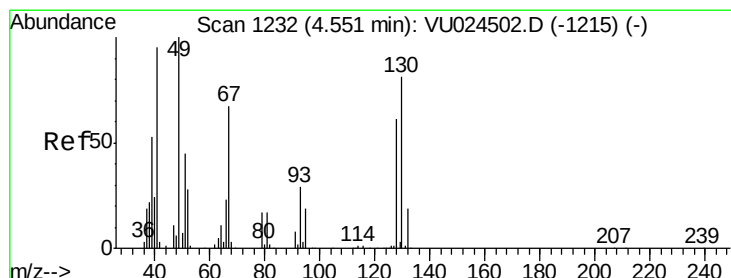
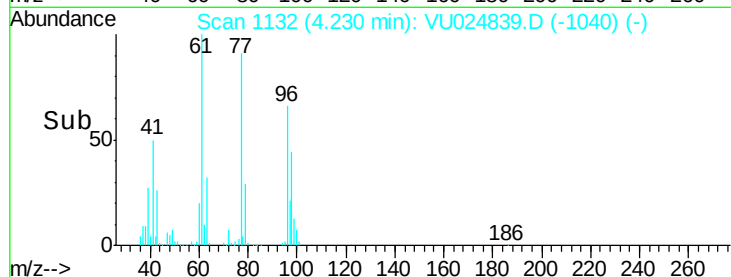
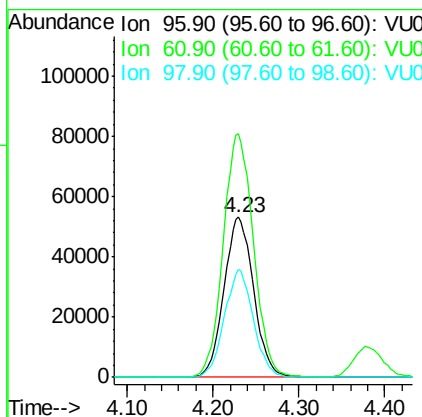
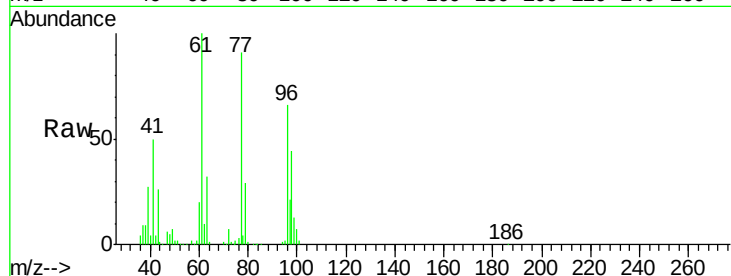
ClientSampleId :

VSTDCCC050

Tot Ion	96	Resp	127305
Ion	Ratio	Lower	Upper
96	100		
61	155.0	0.0	306.6
98	65.6	0.0	128.8

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#28

Bromochloromethane

Concen: 42.28 ug/l

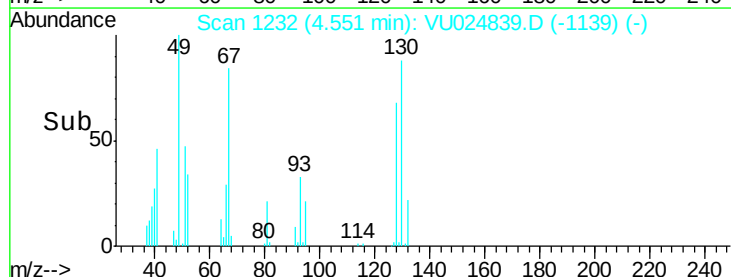
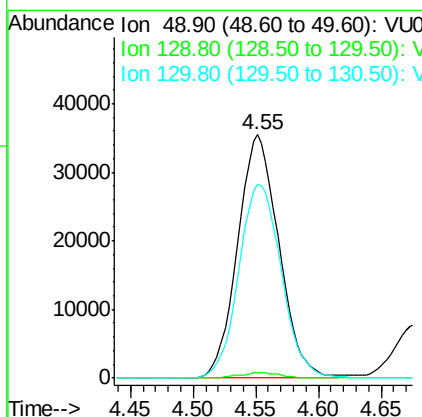
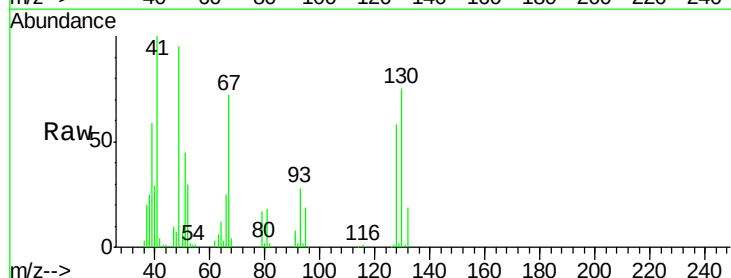
RT: 4.55 min Scan# 1232

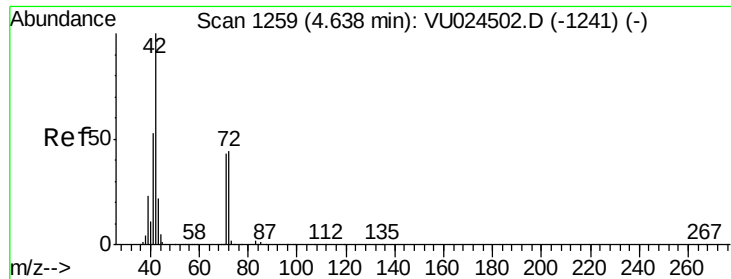
Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Tgt Ion	49	Resp	81171
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	82.2	57.8	86.6





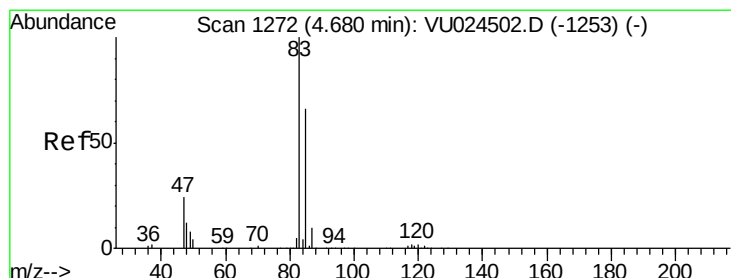
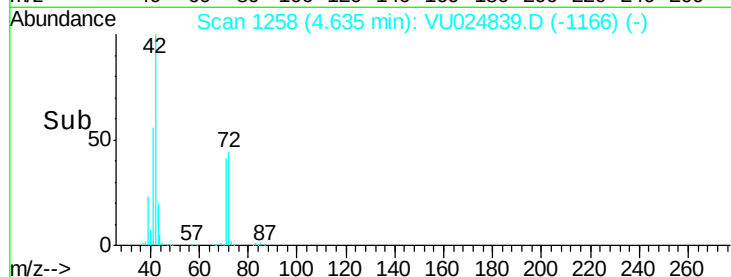
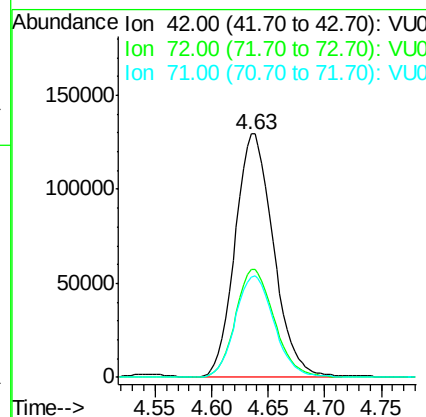
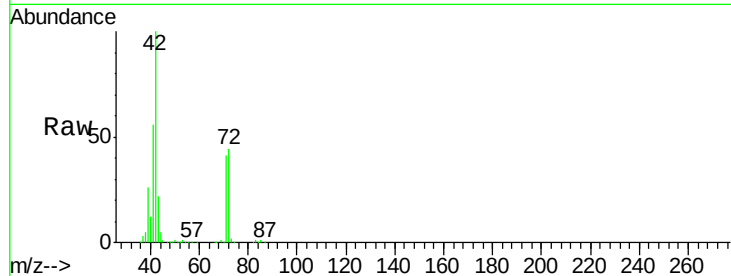
#29
Tetrahydrofuran
Concen: 231.04 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	34.5	51.7
71	42.5	32.2	48.4

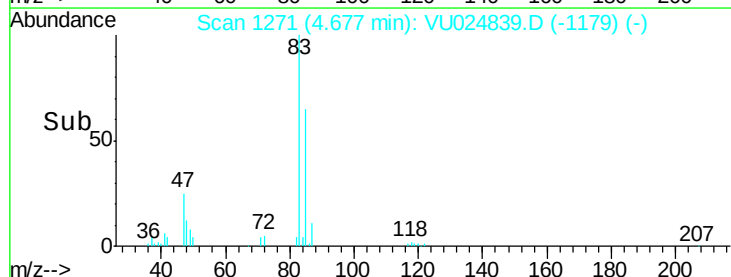
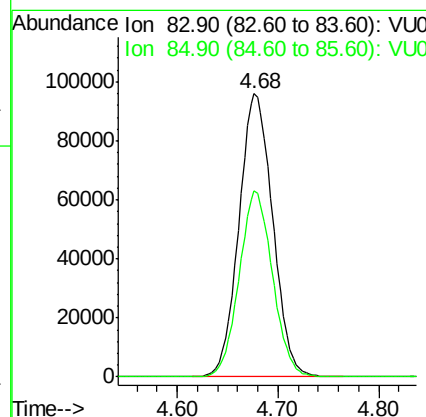
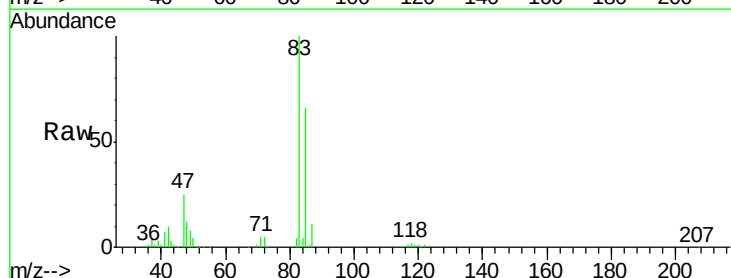
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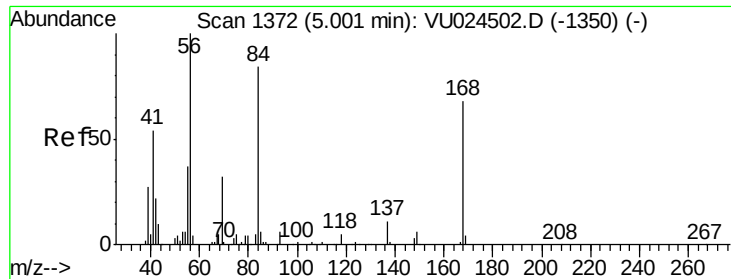
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#30
Chloroform
Concen: 50.54 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.4	78.6





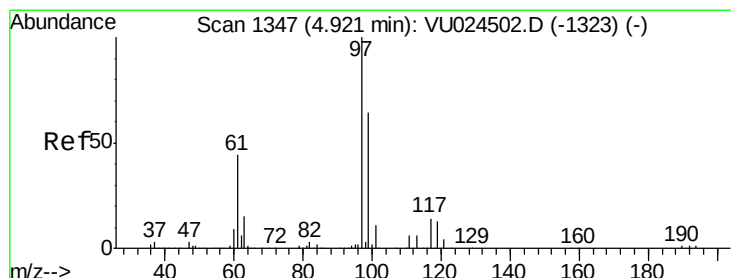
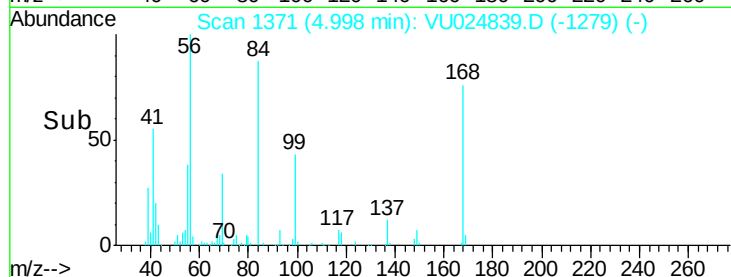
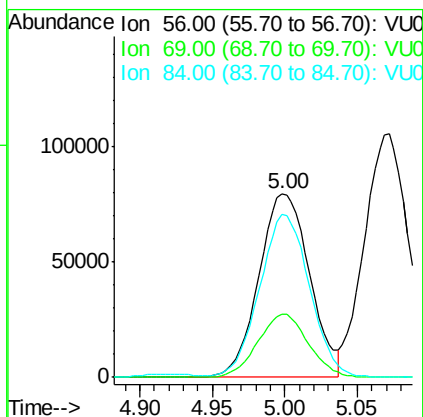
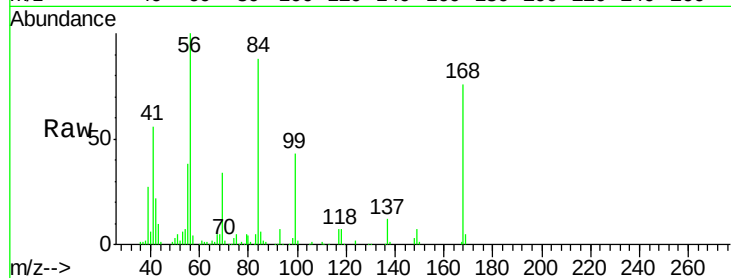
#31
Cyclohexane
Concen: 50.11 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	24.8	37.2
84	86.9	65.2	97.8

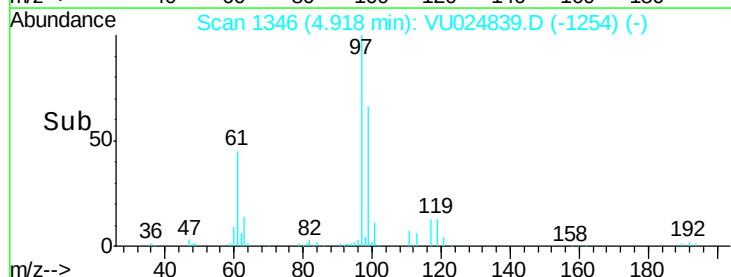
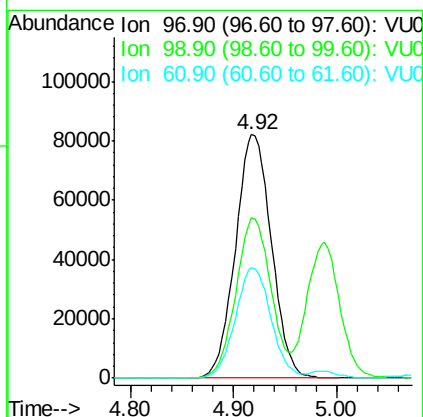
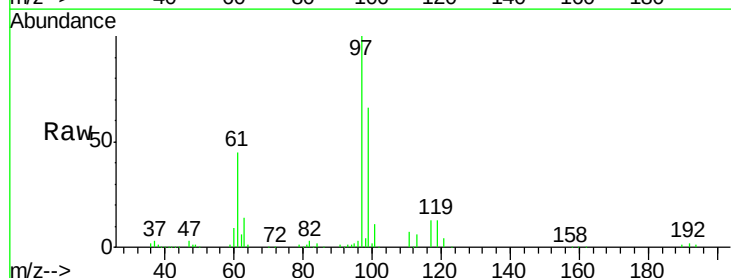
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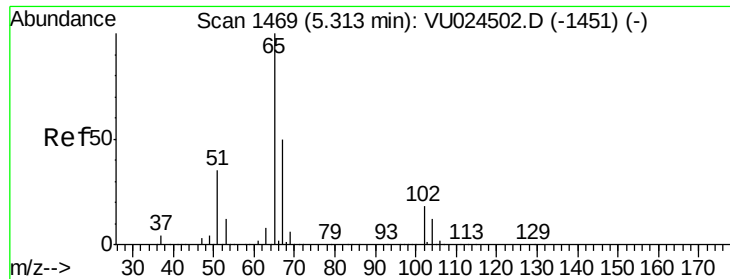
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6/26/2018 11:59:36 AM



#32
1,1,1-Trichloroethane
Concen: 48.86 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.0	76.6
61	44.9	39.4	59.0





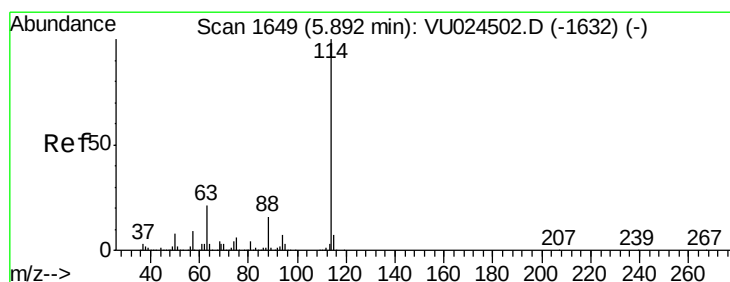
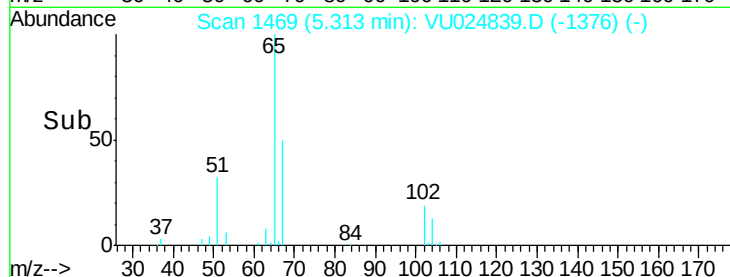
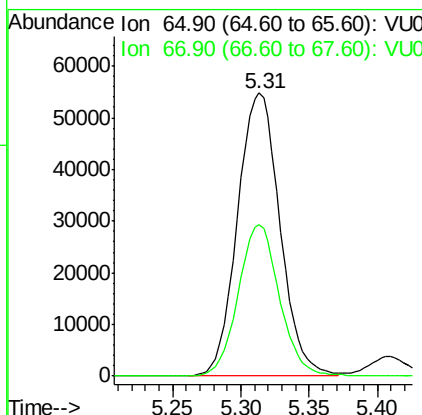
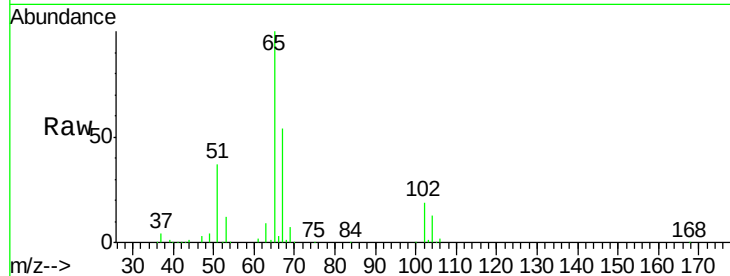
#33
 1,2-Dichloroethane-d4
 Concen: 40.06 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.0

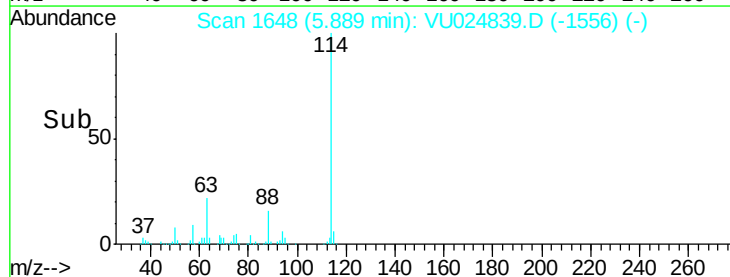
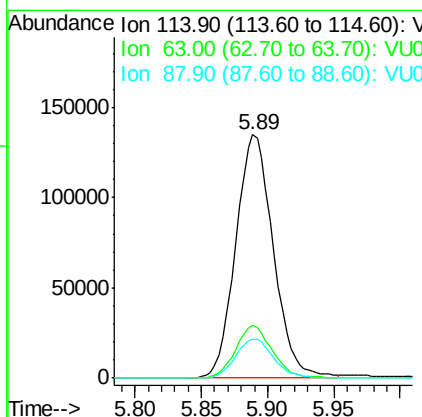
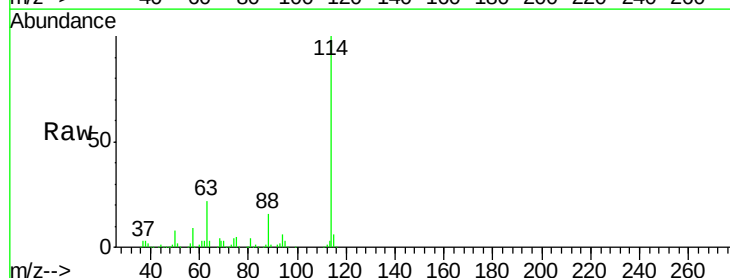
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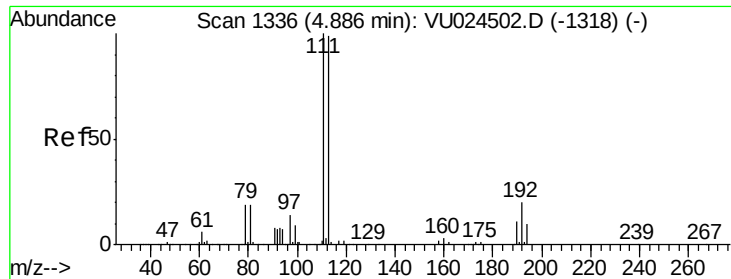
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	45.4
88	16.1	0.0	31.0





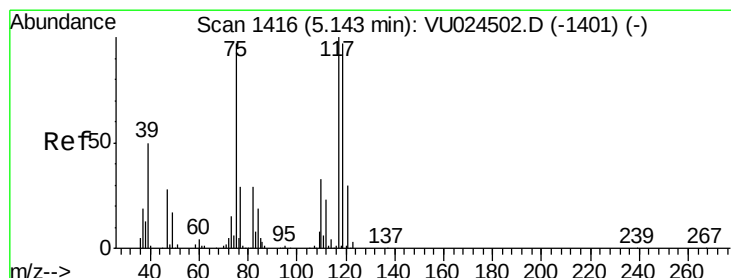
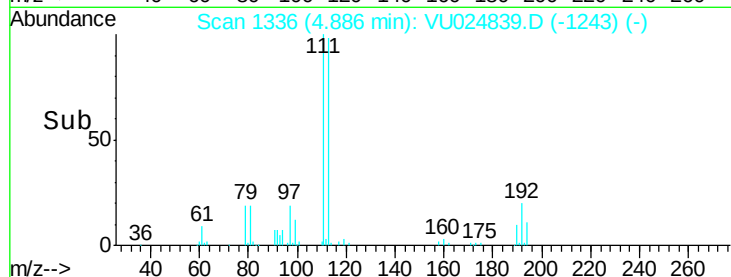
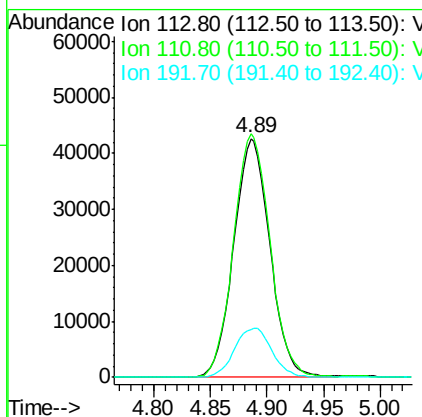
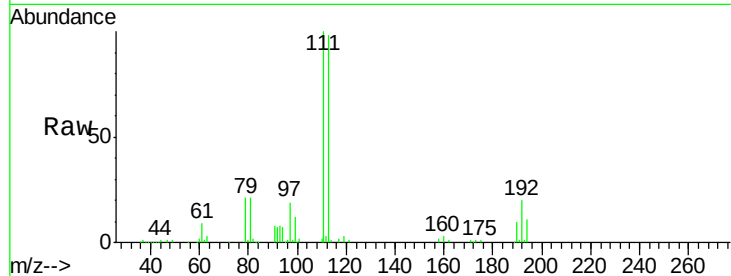
#35
 Dibromofluoromethane
 Concen: 43.07 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	95015		
111	102.7		82.2	123.4
192	21.4		16.2	24.4

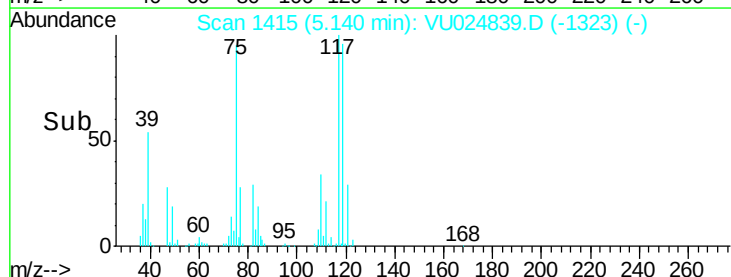
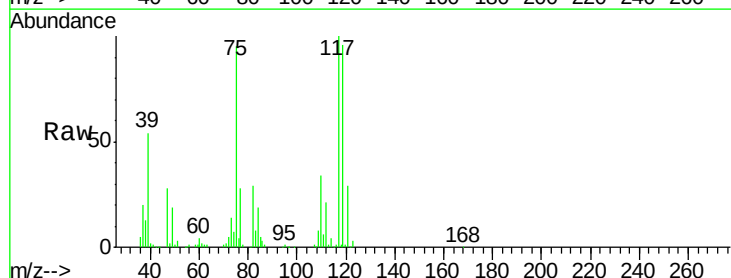
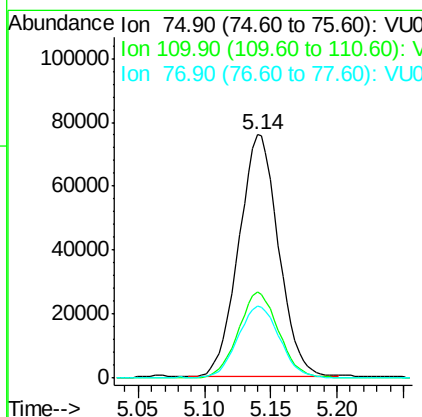
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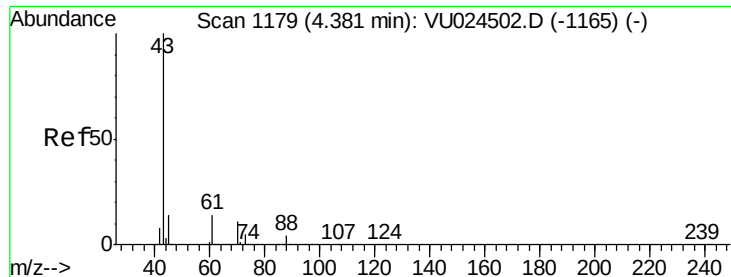
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#36
 1,1-Dichloropropene
 Concen: 50.78 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	158608		
110	36.3		17.0	50.9
77	30.7		24.2	36.4





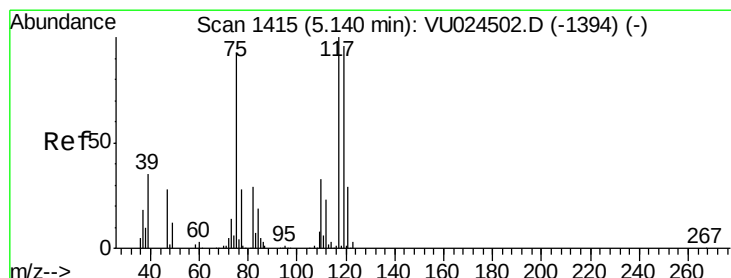
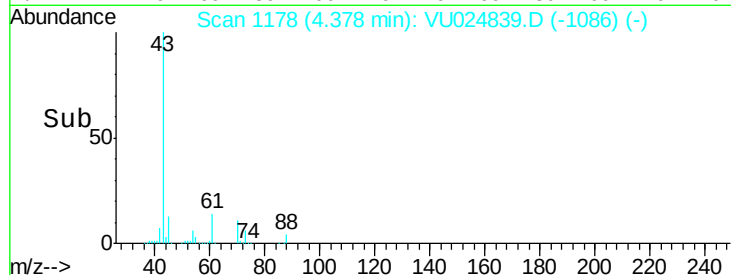
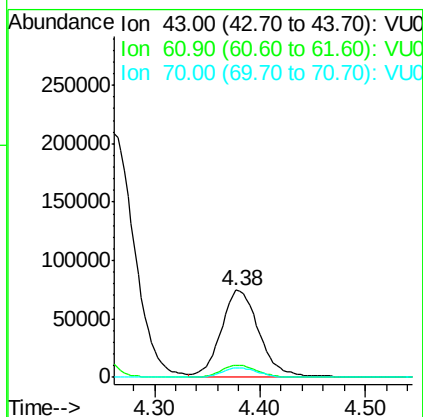
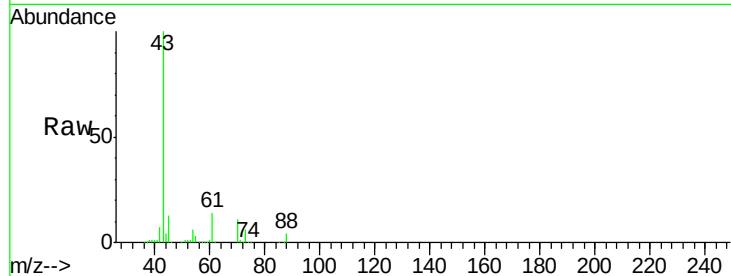
#37
Ethyl Acetate
Concen: 53.61 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.5	15.7
70	10.6	7.4	11.2

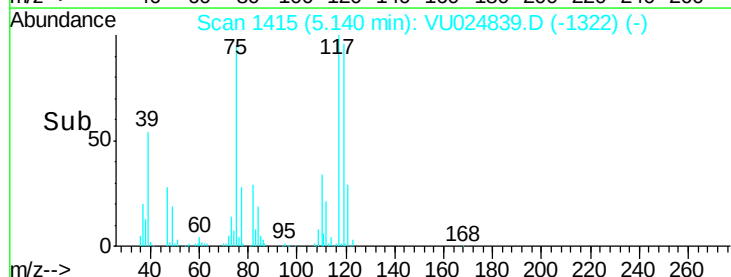
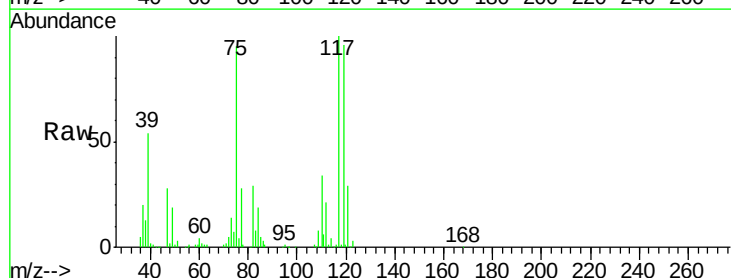
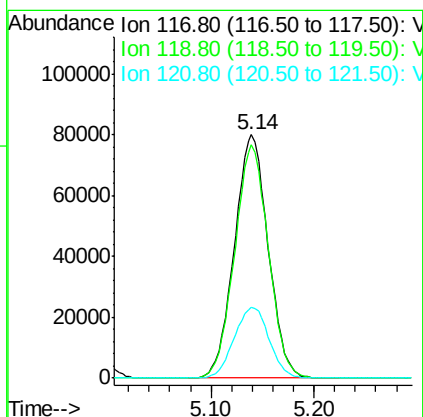
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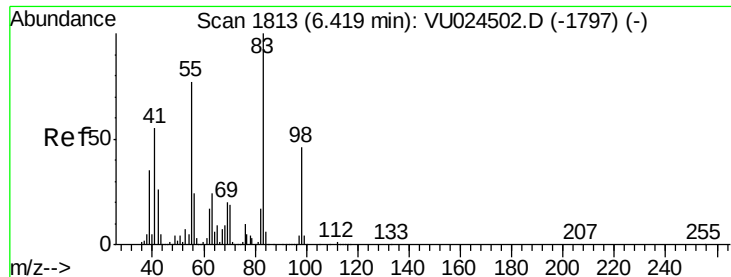
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#38
Carbon Tetrachloride
Concen: 52.93 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.1	114.1
121	28.9	23.7	35.5





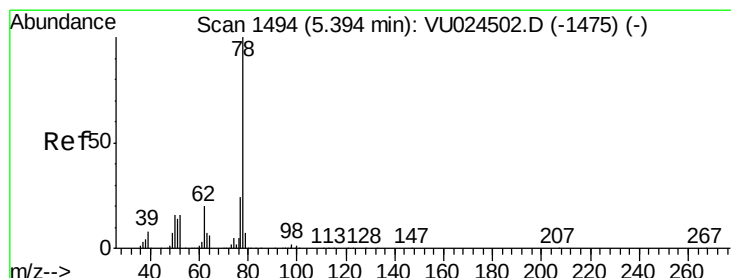
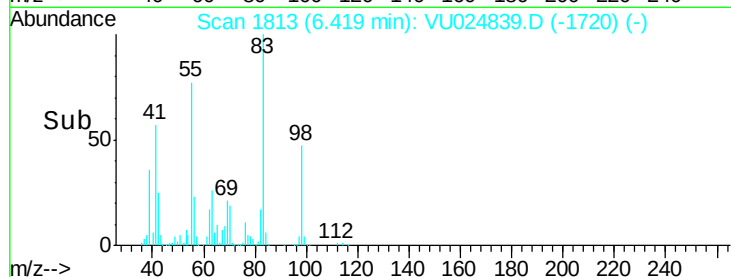
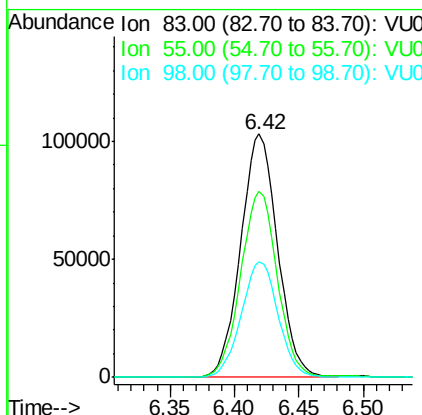
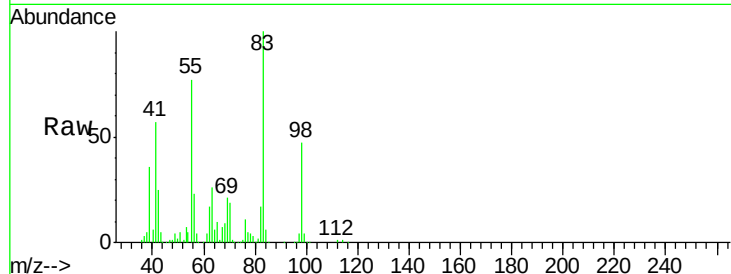
#39
Methylvlcyclohexane
Concen: 52.77 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	65.8	98.6
98	47.4	36.7	55.1

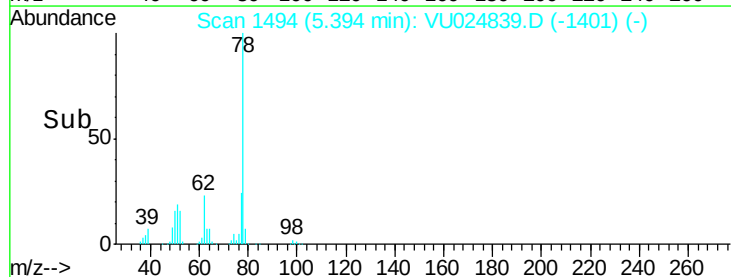
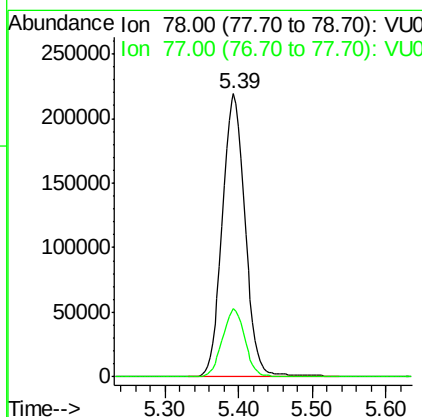
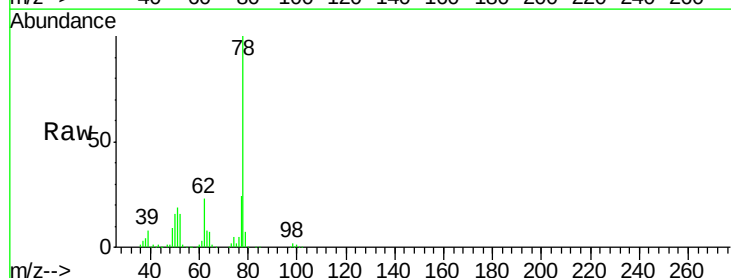
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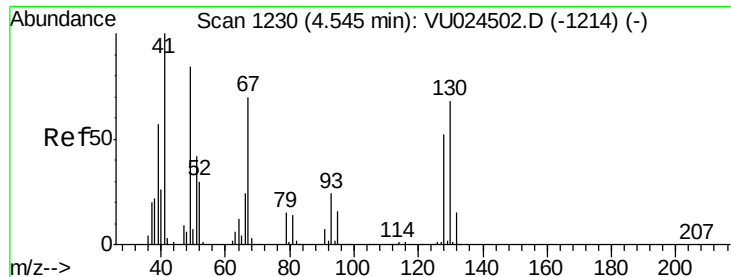
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#40
Benzene
Concen: 53.15 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





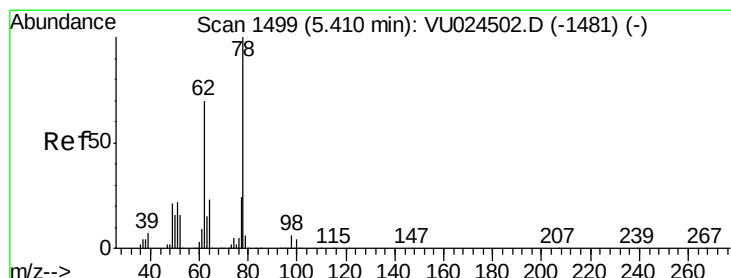
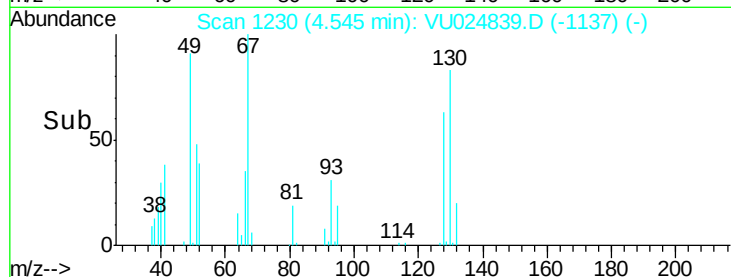
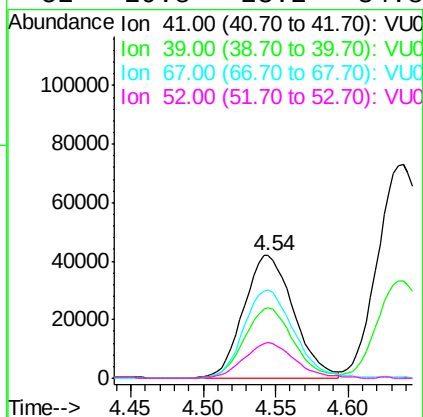
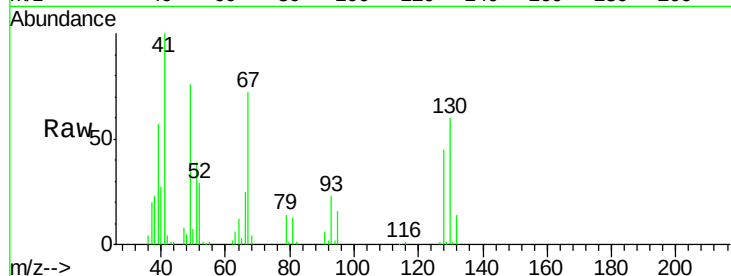
#41
Methacrylonitrile
Concen: 54.43 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.3	43.8	65.6	
67	72.5	56.3	84.5	
52	29.8	23.2	34.8	

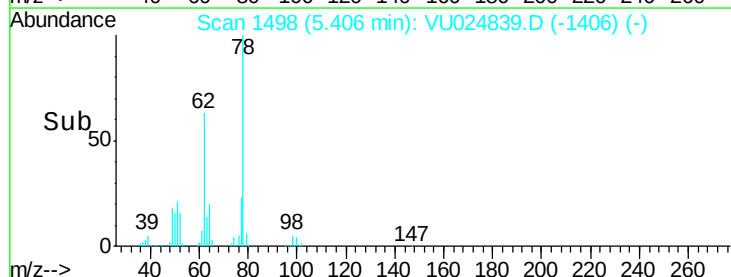
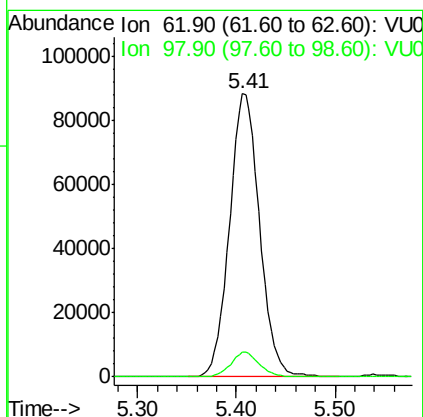
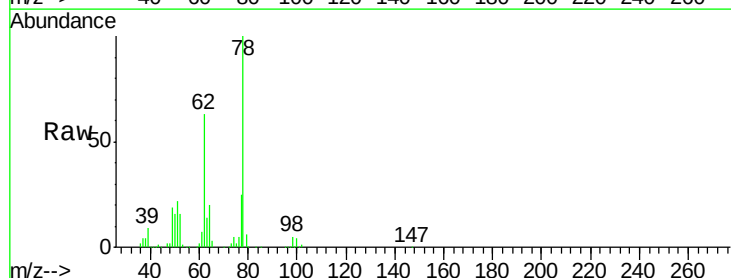
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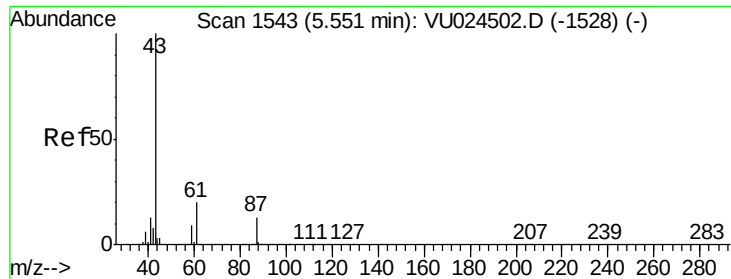
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#42
1,2-Dichloroethane
Concen: 55.51 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	16.6	





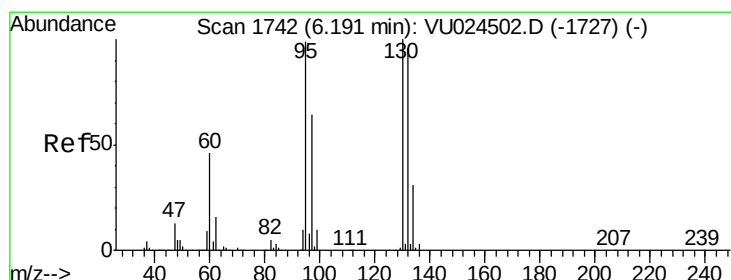
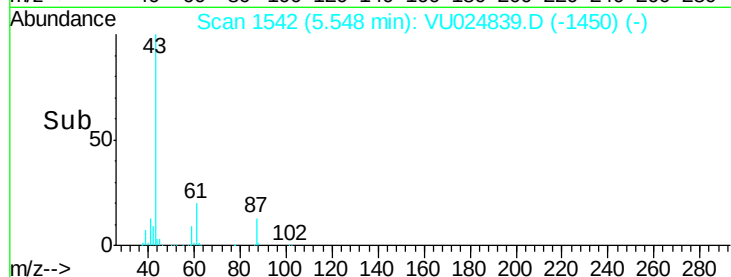
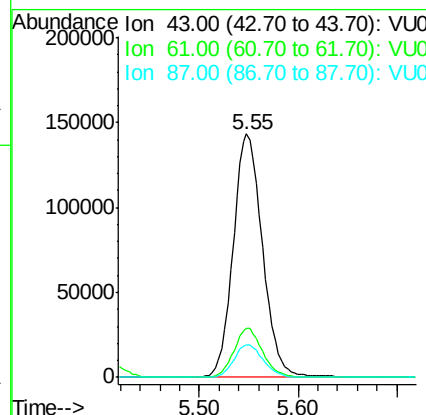
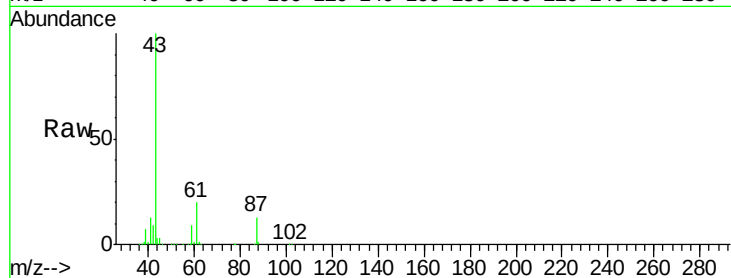
#43
Isopropyl Acetate
Concen: 50.05 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	294513		
61	19.9		15.4	23.0
87	13.4		10.0	15.0

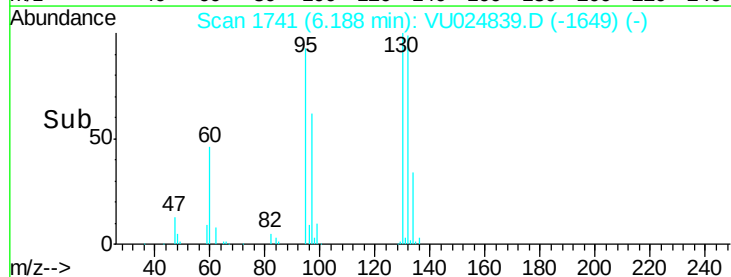
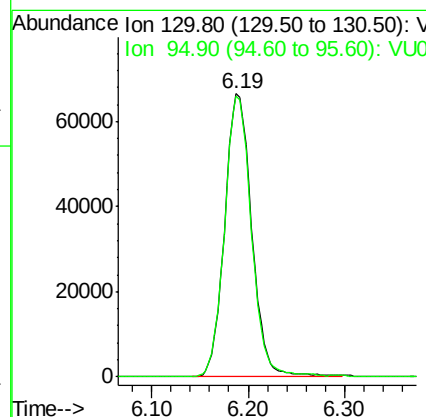
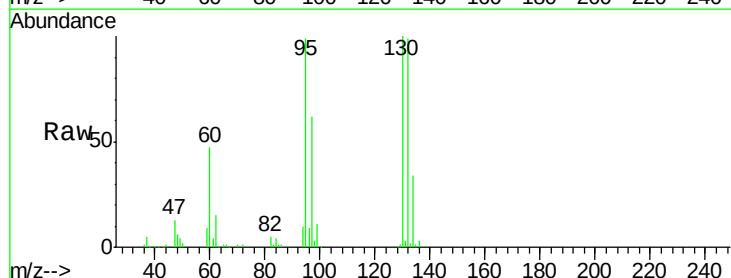
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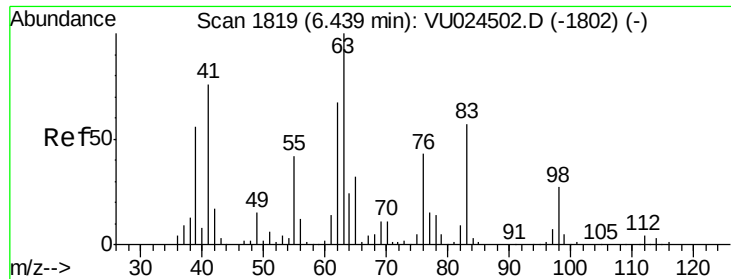
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#44
Trichloroethene
Concen: 51.21 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	129718		
95	99.2		0.0	202.4





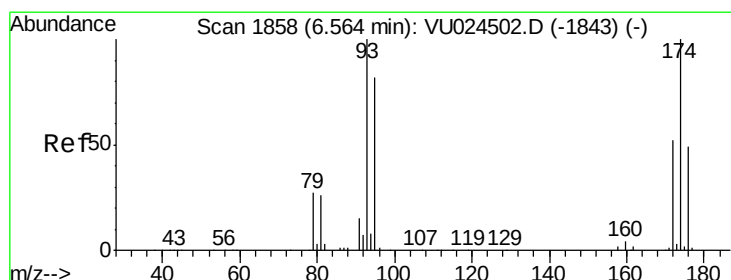
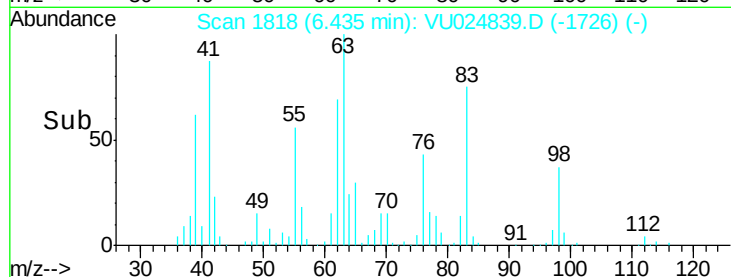
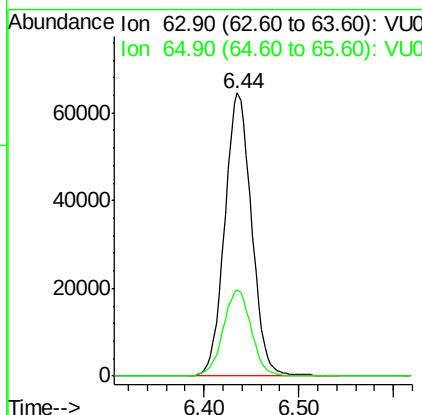
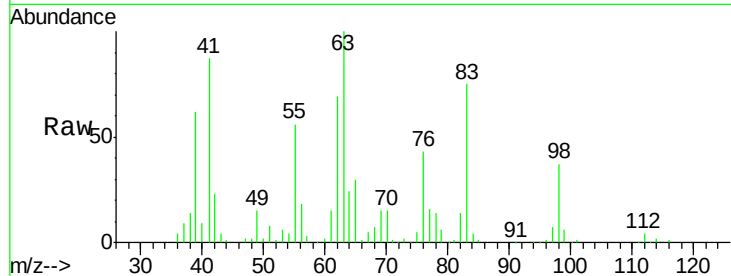
#45
 1,2-Dichloropropane
 Concen: 53.52 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 127110
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.8 37.2

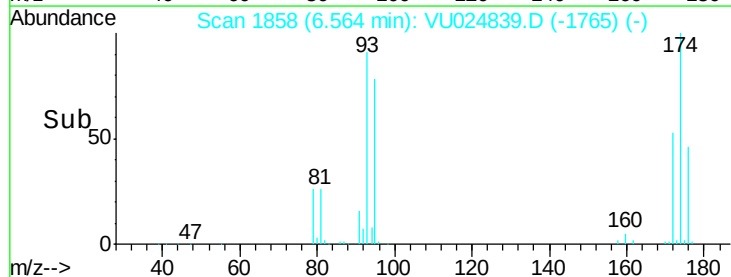
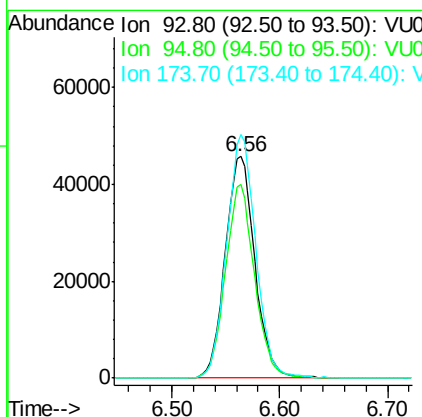
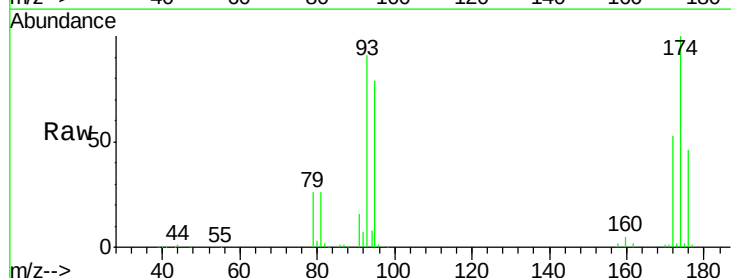
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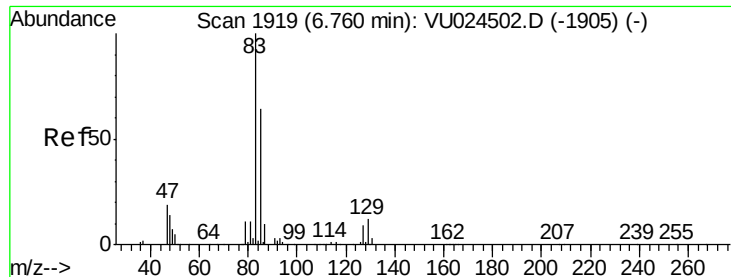
apatel
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#46
 Dibromomethane
 Concen: 52.65 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion: 93 Resp: 87831
 Ion Ratio Lower Upper
 93 100
 95 85.5 65.5 98.3
 174 107.7 78.7 118.1





#47

Bromodichloromethane

Concen: 52.28 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

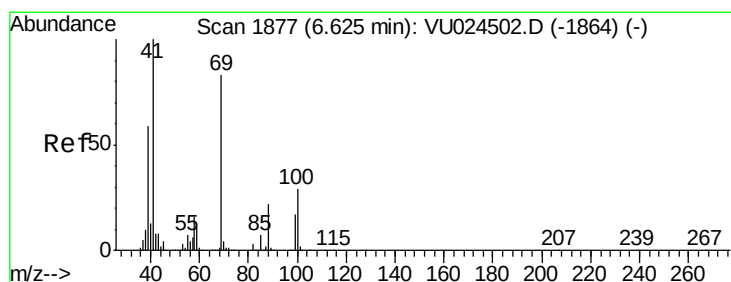
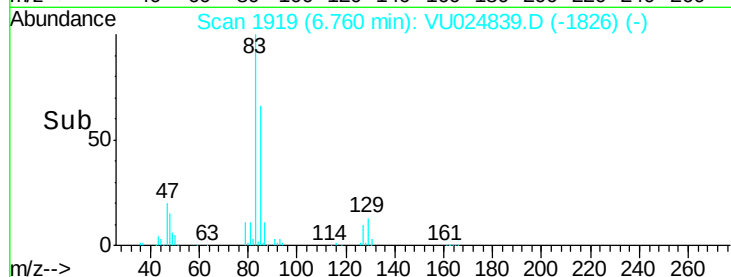
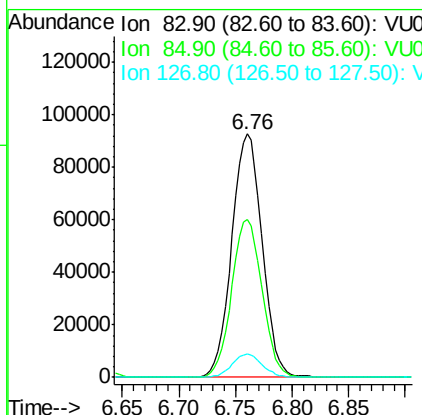
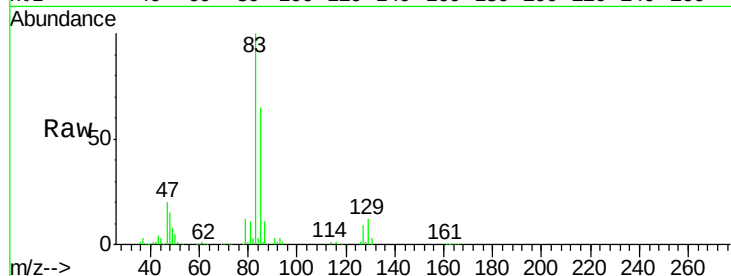
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	173670
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.9	77.9
127	9.5	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.68 ug/l

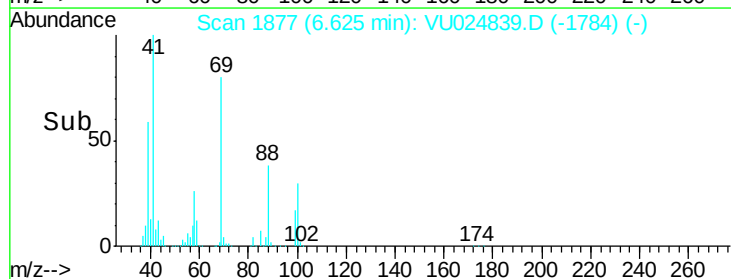
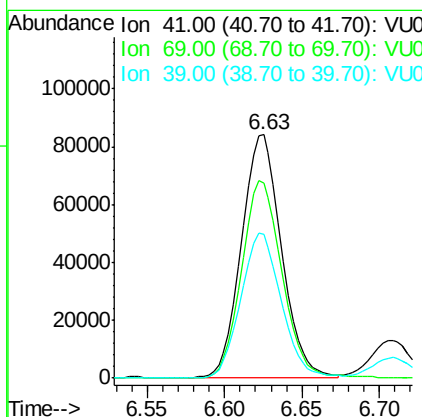
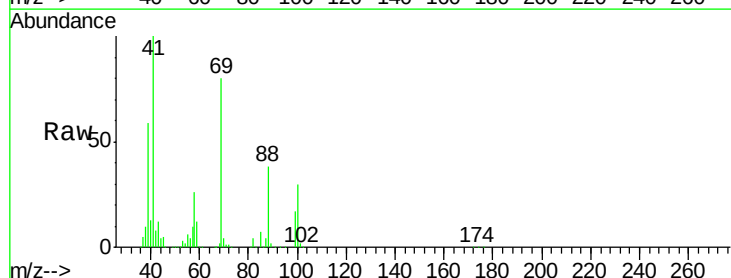
RT: 6.63 min Scan# 1877

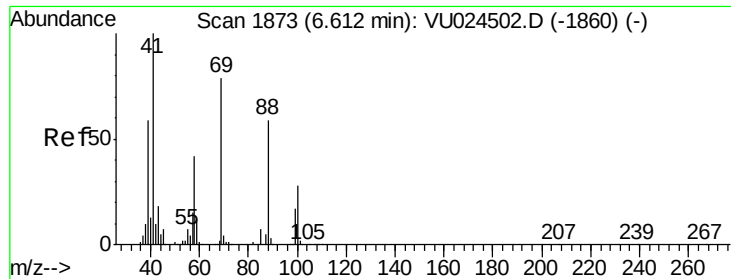
Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Tgt Ion:	41	Resp:	150947
Ion	Ratio	Lower	Upper
41	100		
69	82.7	67.3	100.9
39	60.6	46.5	69.7





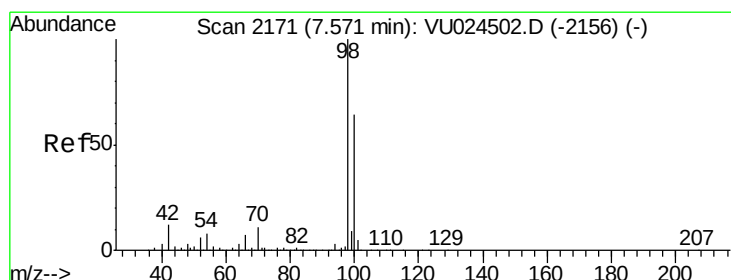
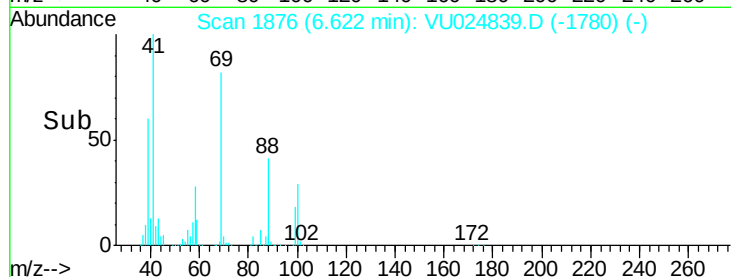
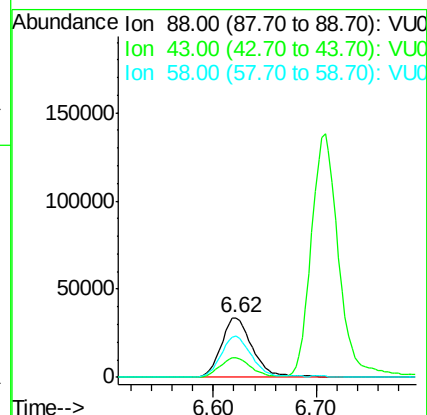
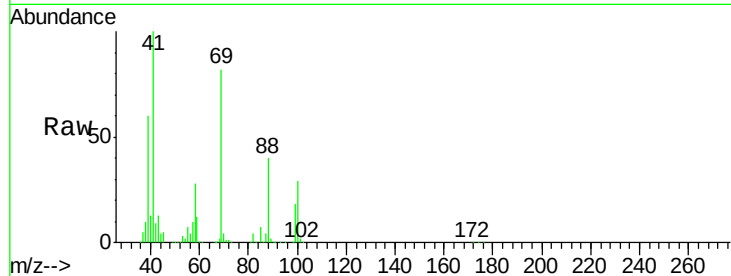
#49
1,4-Dioxane
Concen: 1250.87 ug/l
RT: 6.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	28.6	42.8
58	68.6	58.2	87.4

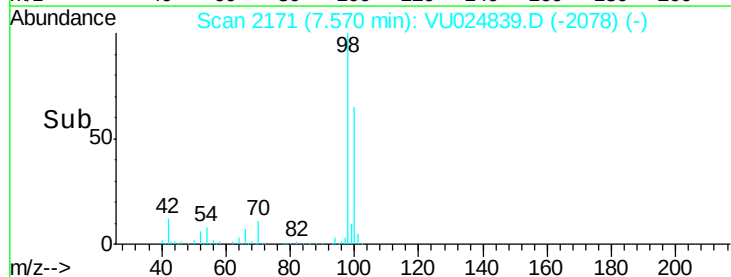
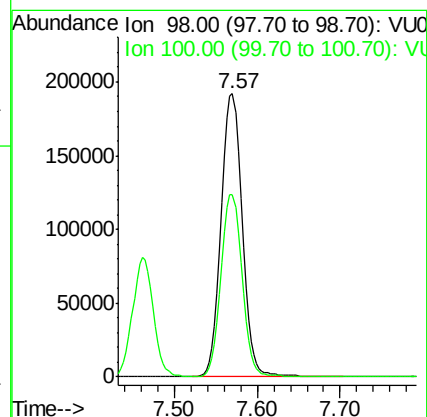
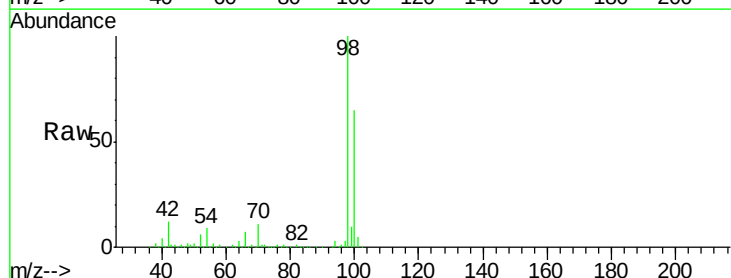
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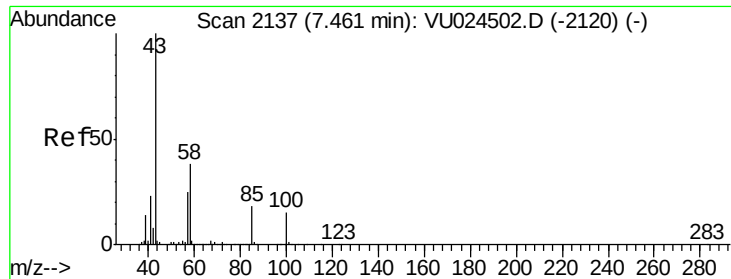
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#50
Toluene-d8
Concen: 42.42 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7





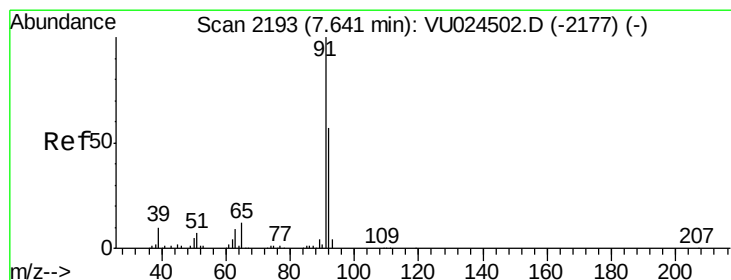
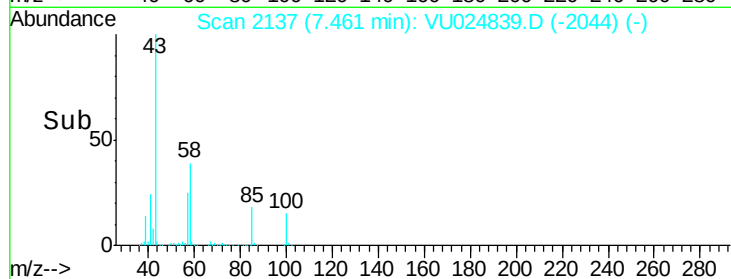
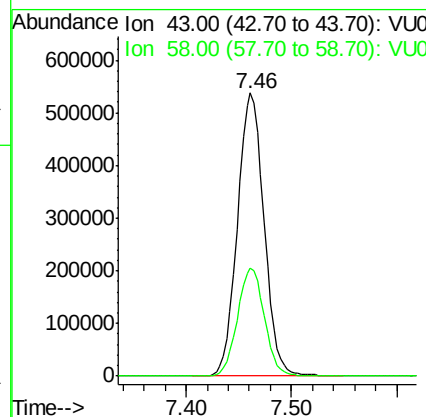
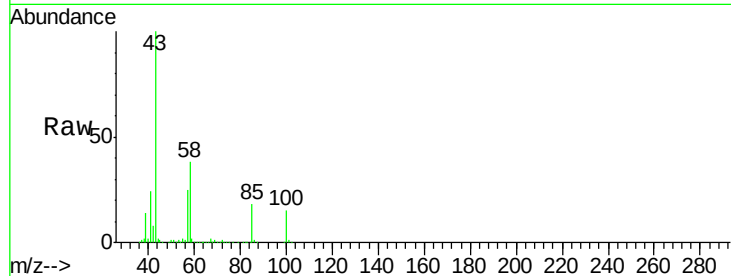
#51
 4-Methyl-2-Pentanone
 Concen: 253.62 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	937643
Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.0	45.0

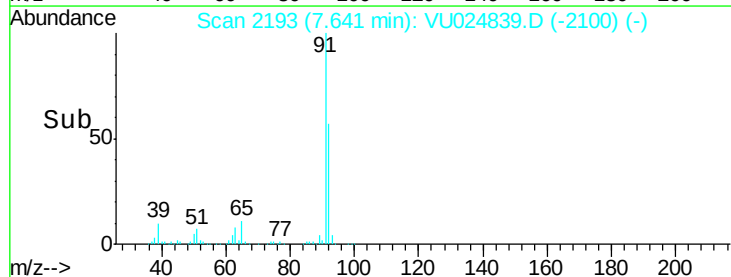
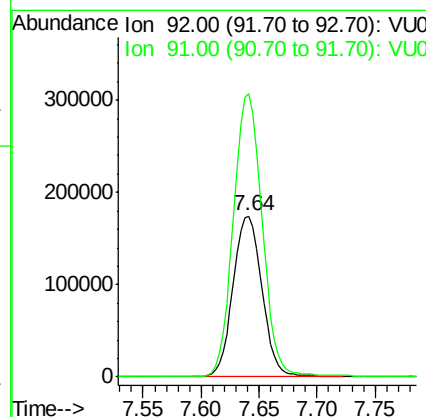
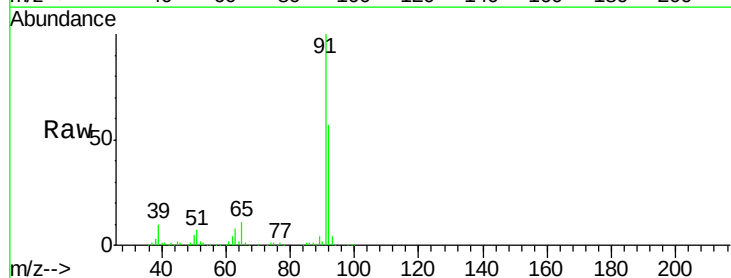
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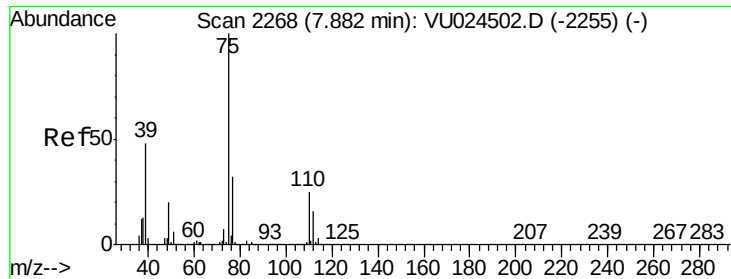
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#52
 Toluene
 Concen: 52.96 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion	92	Resp	303230
Ion	Ratio	Lower	Upper
92	100		
91	175.8	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 52.60 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 196204

Ion Ratio Lower Upper

75 100

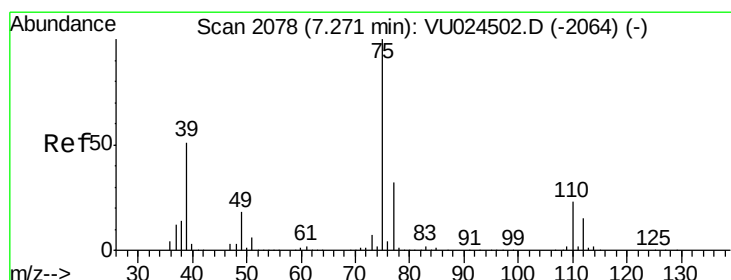
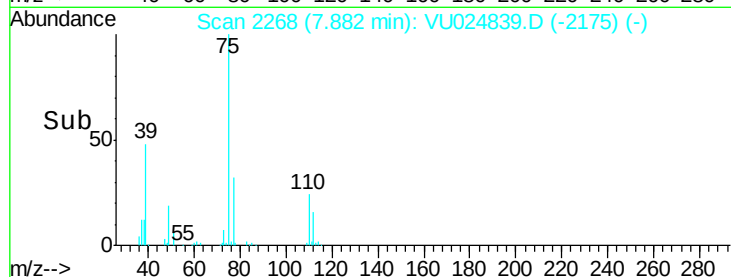
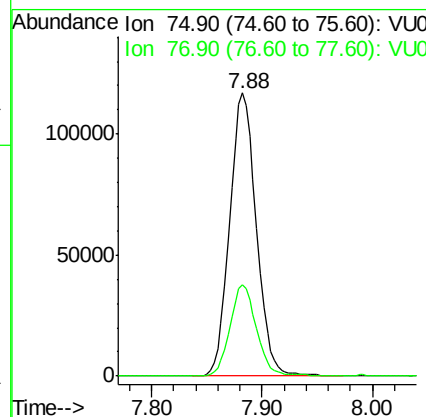
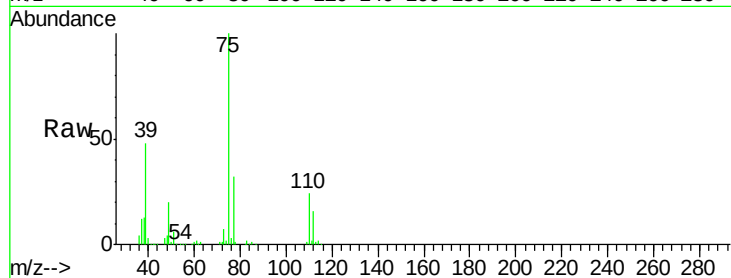
77 32.5 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 51.57 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

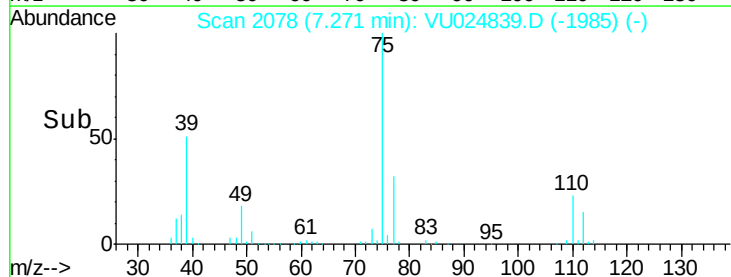
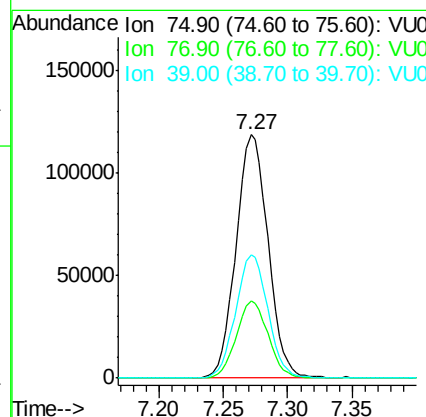
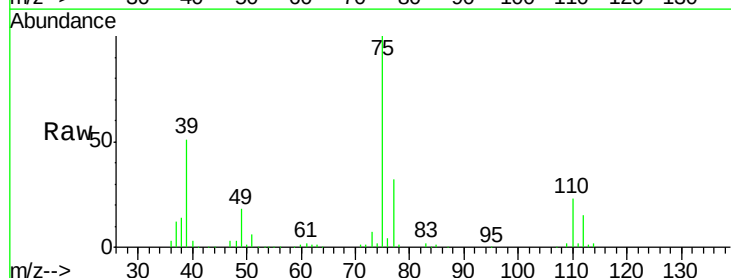
Tgt Ion: 75 Resp: 204976

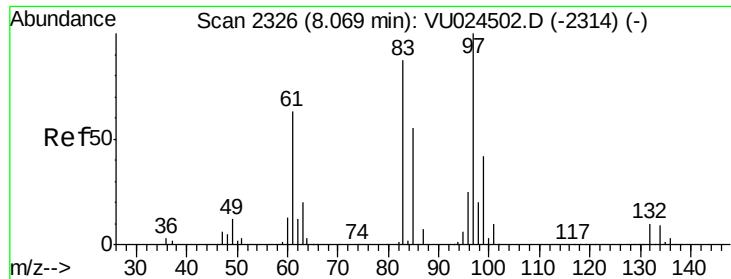
Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 50.8 39.8 59.6





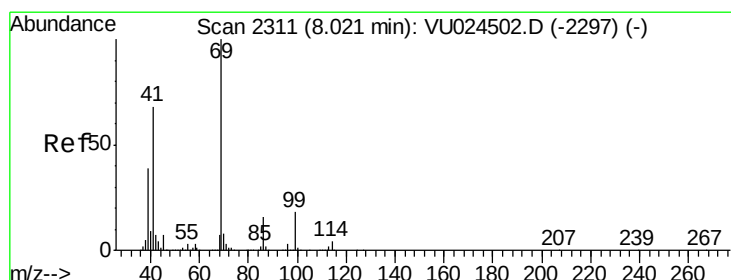
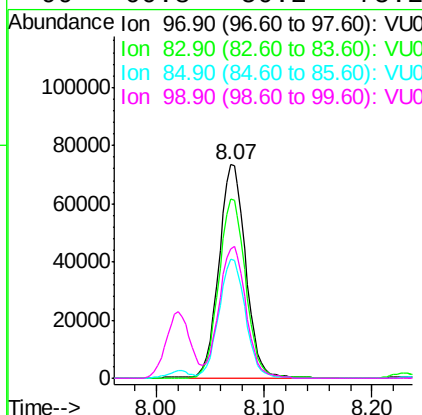
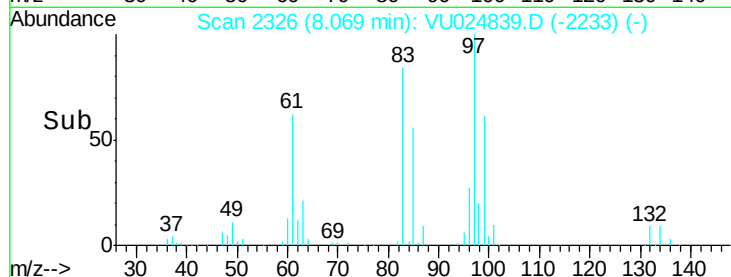
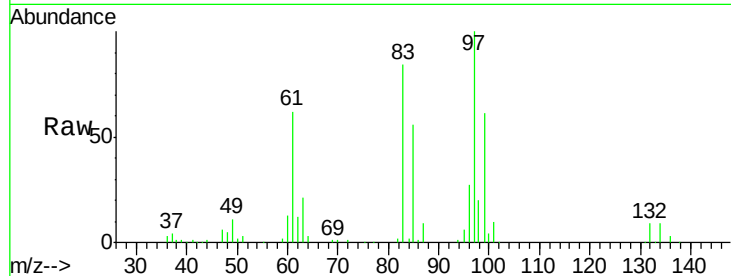
#55
 1,1,2-Trichloroethane
 Concen: 54.19 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	126142
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.5	105.7
85	55.7	46.4	69.6
99	60.8	50.2	75.2

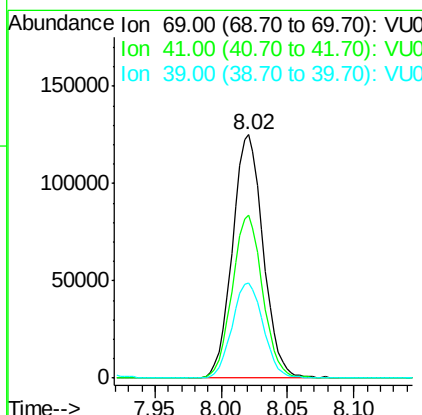
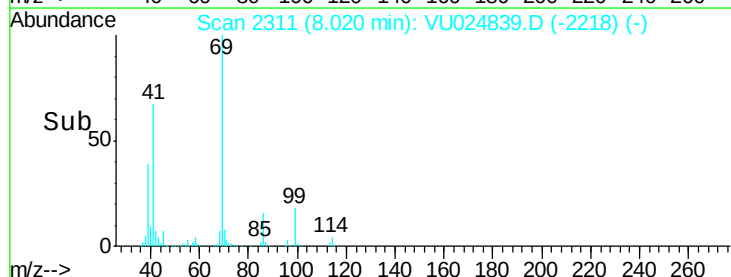
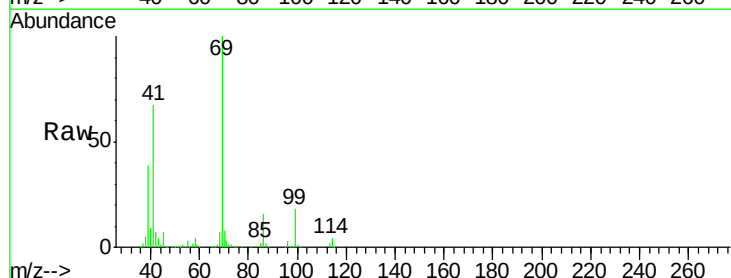
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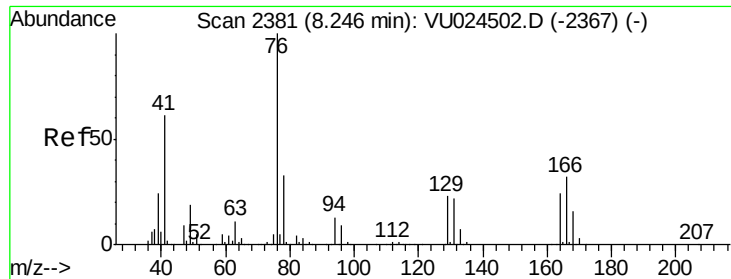
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#56
 Ethyl methacrylate
 Concen: 51.75 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion:	69	Resp:	201595
Ion	Ratio	Lower	Upper
69	100		
41	66.0	54.1	81.1
39	39.1	30.3	45.5





#57

1,3-Dichloropropane

Concen: 54.12 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 212509

Ion Ratio Lower Upper

76 100

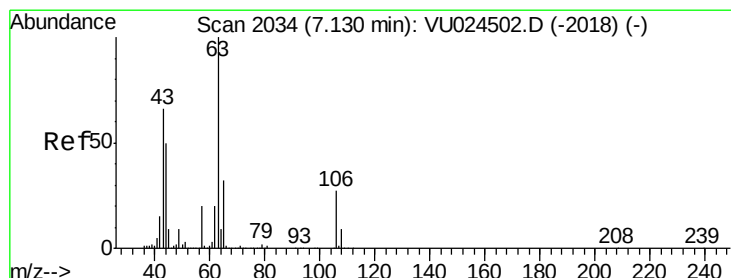
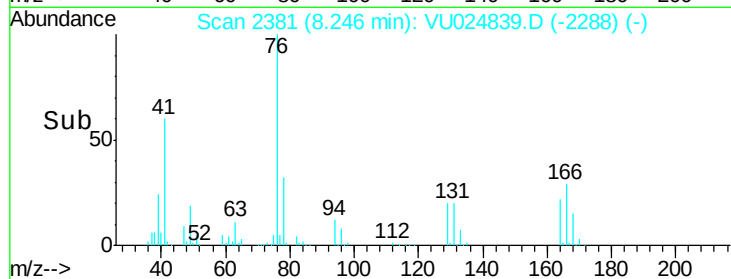
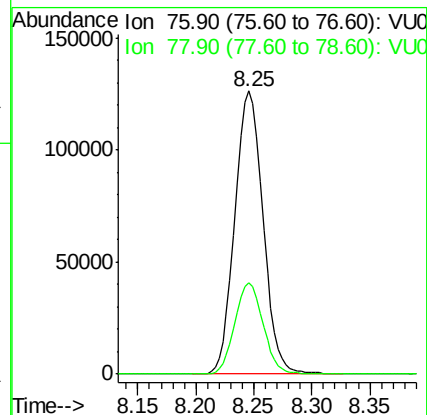
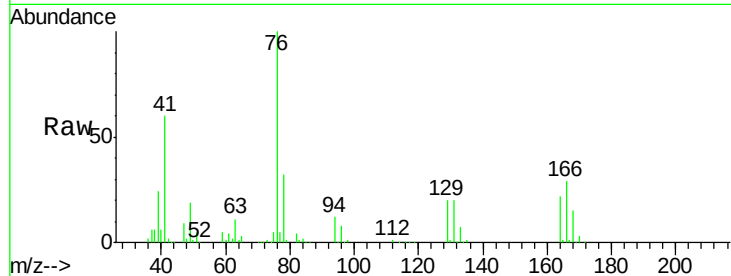
78 32.4 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 201.26 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU024839.D

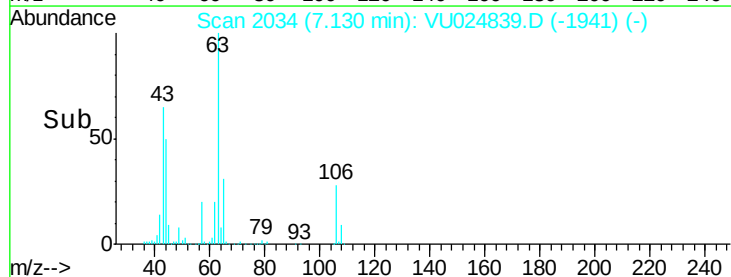
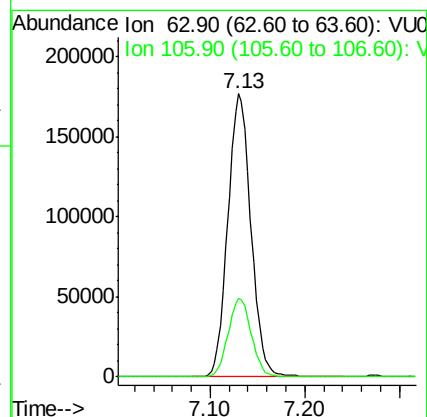
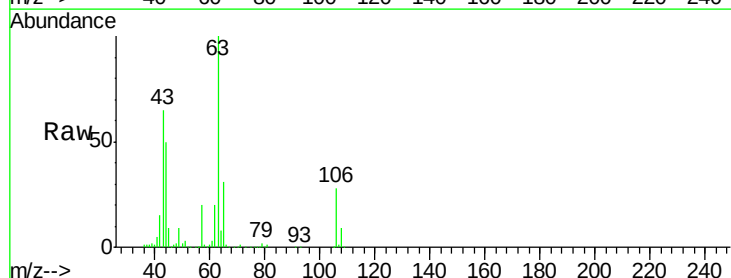
Acq: 22 Jun 2018 17:22

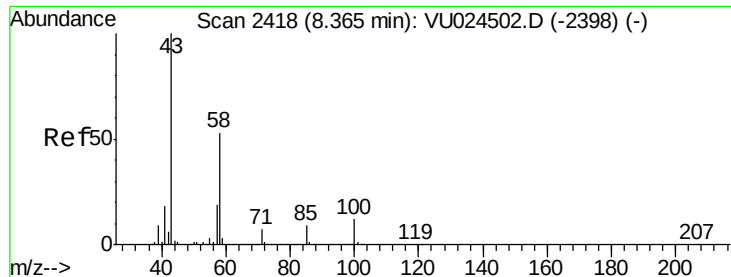
Tgt Ion: 63 Resp: 300376

Ion Ratio Lower Upper

63 100

106 27.7 20.2 30.2





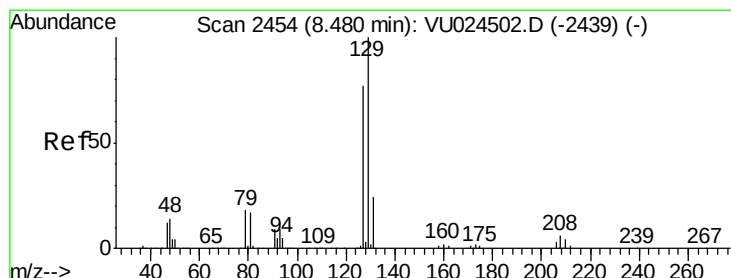
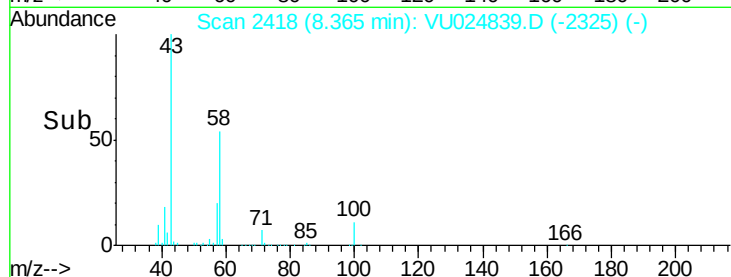
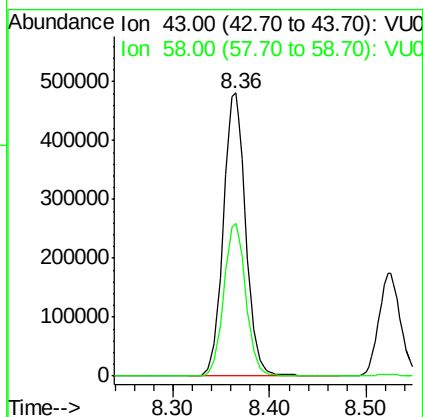
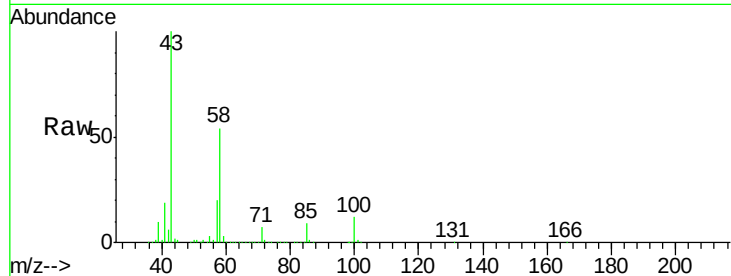
#59
2-Hexanone
Concen: 254.32 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 767595
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.0

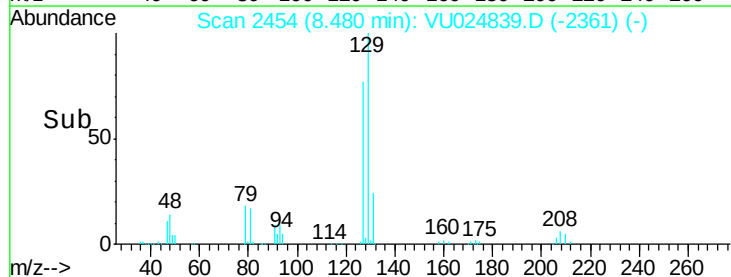
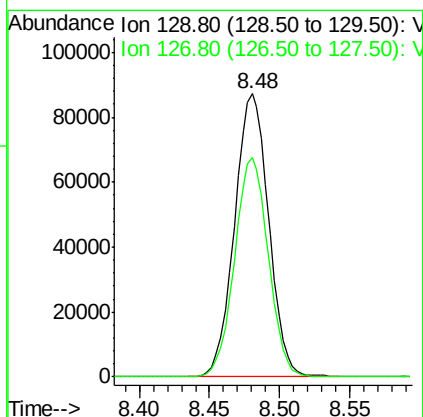
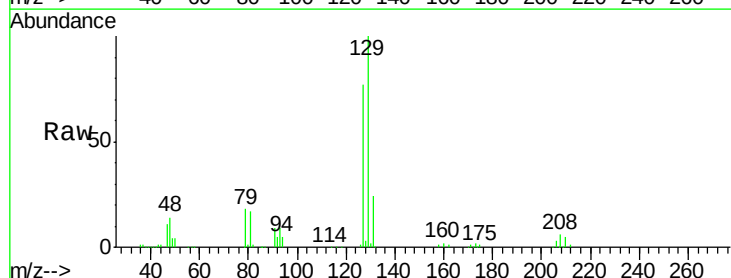
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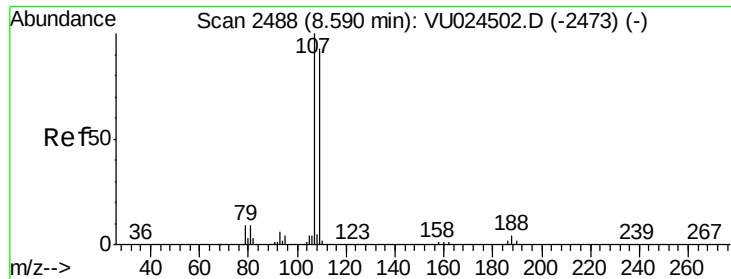
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#60
Dibromochloromethane
Concen: 50.99 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion: 129 Resp: 148003
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.74 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 136632

Ion Ratio Lower Upper

107 100

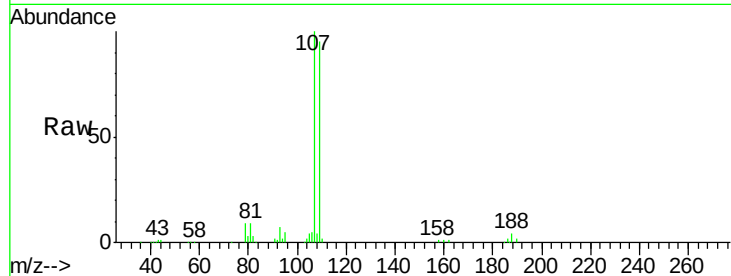
109 95.7 74.5 111.7

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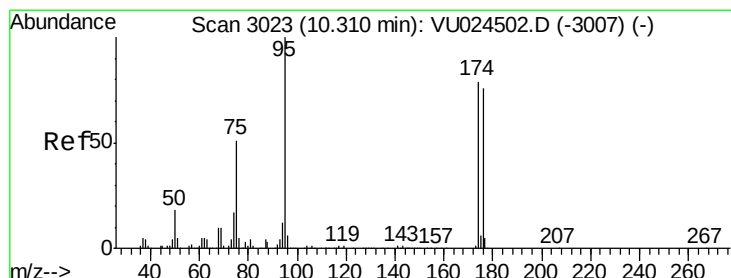
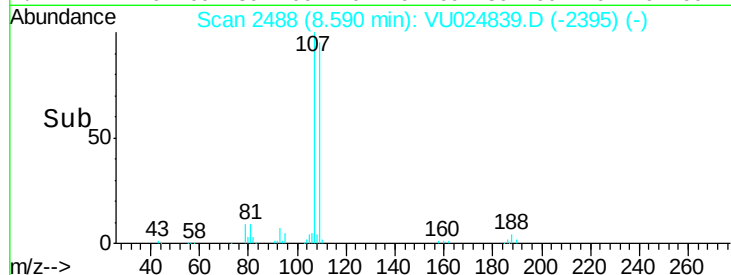
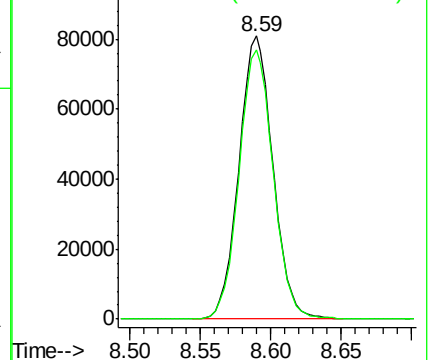
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.55 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

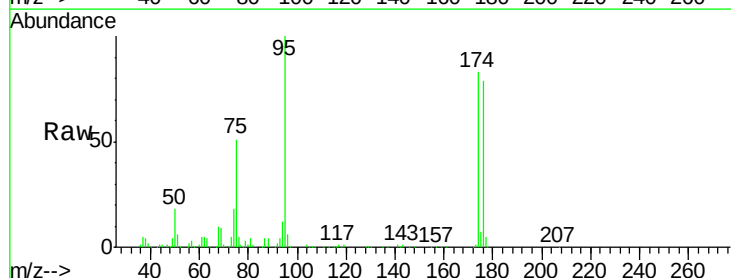
Tgt Ion: 95 Resp: 139140

Ion Ratio Lower Upper

95 100

174 85.1 0.0 165.8

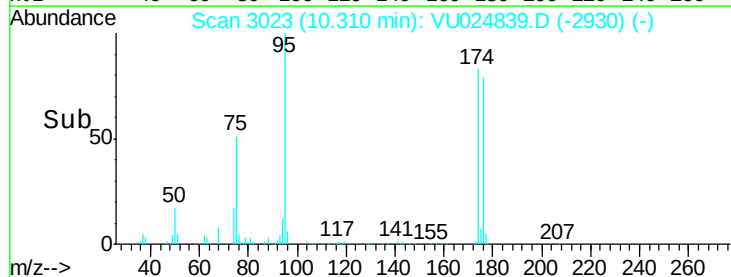
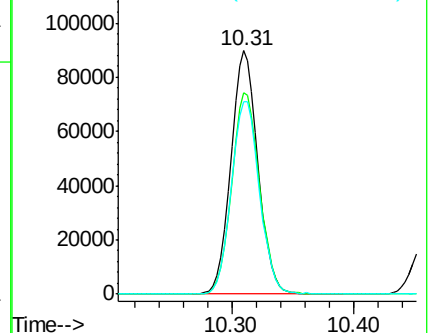
176 82.1 0.0 159.4

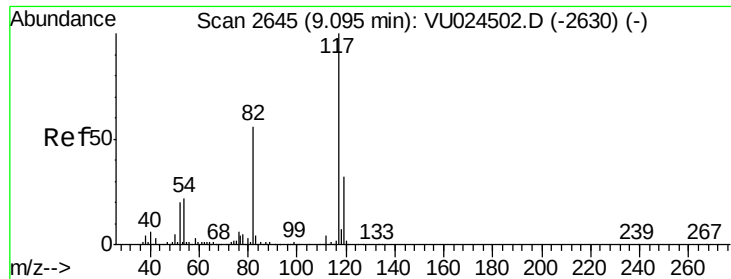


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





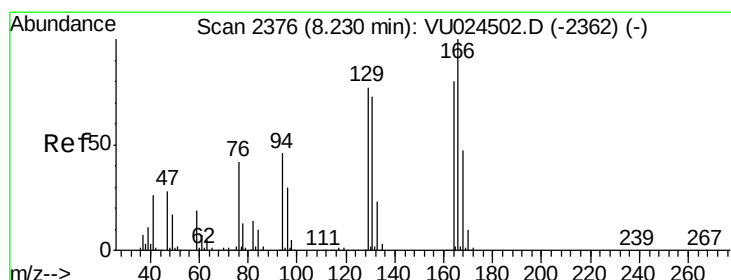
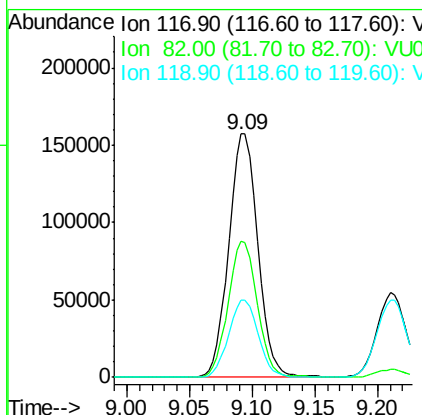
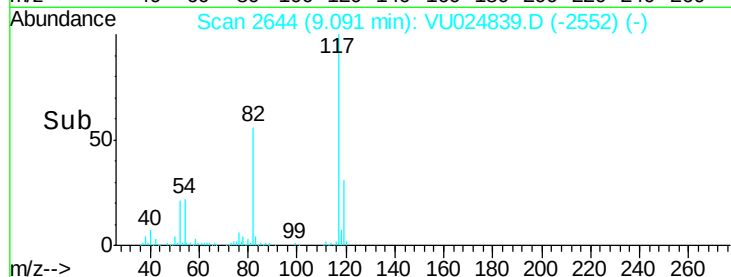
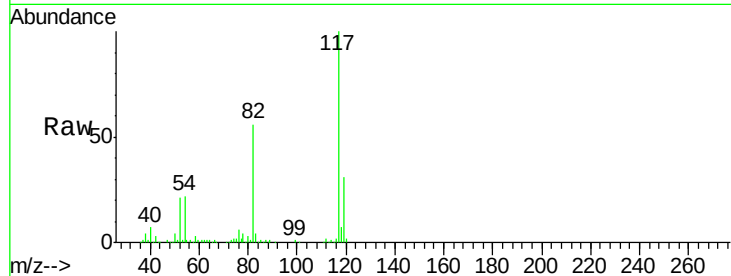
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	254044		
82	56.1	44.3	66.5	
119	31.5	25.4	38.2	

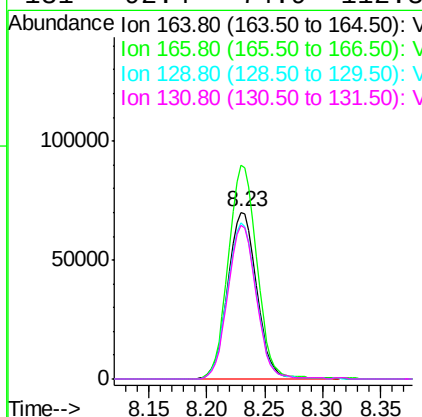
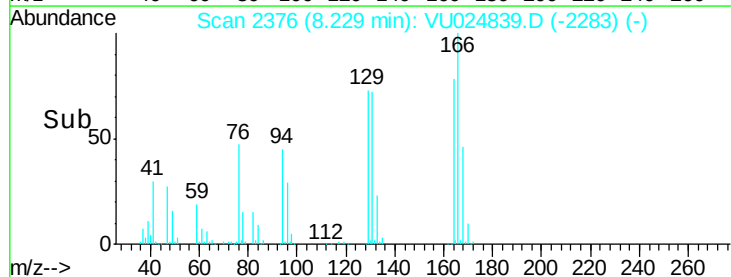
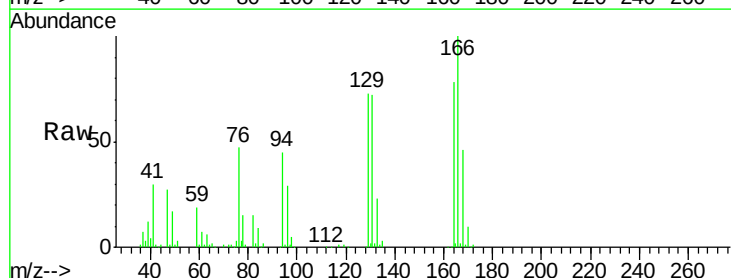
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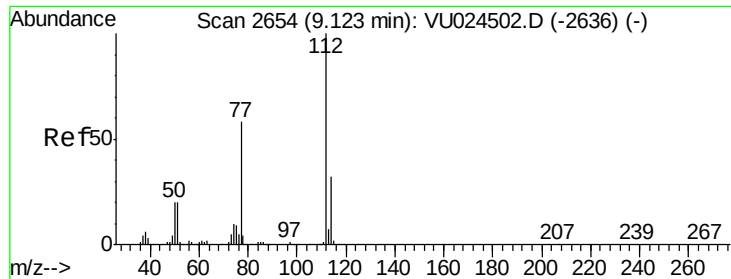
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#64
Tetrachloroethene
Concen: 50.19 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	121202		
166	128.1	101.7	152.5	
129	93.4	76.9	115.3	
131	92.4	74.9	112.3	





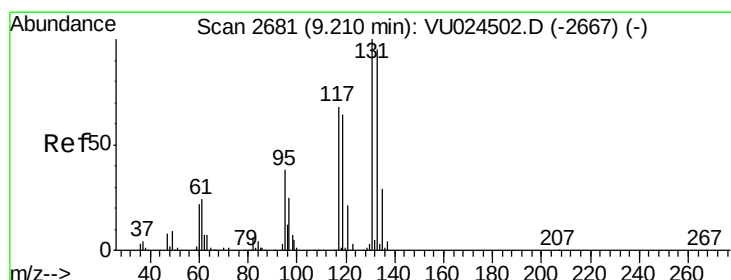
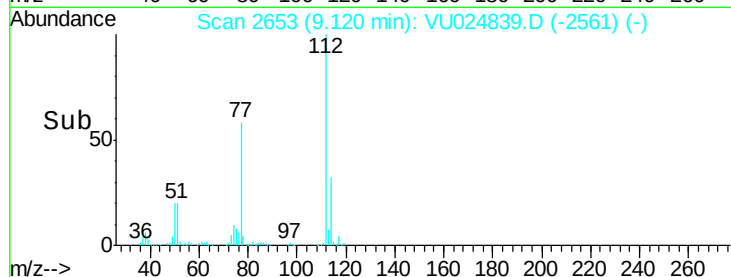
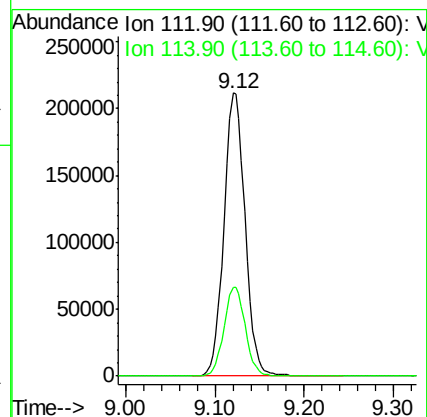
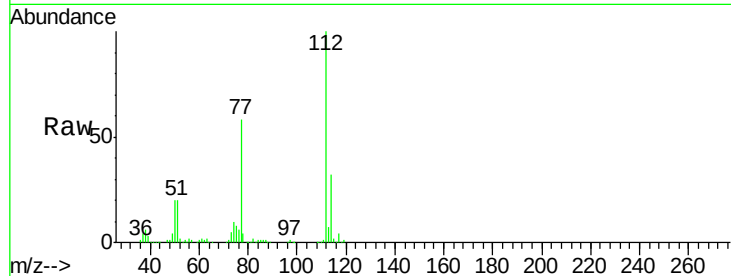
#65
Chlorobenzene
Concen: 53.67 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 348287
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4

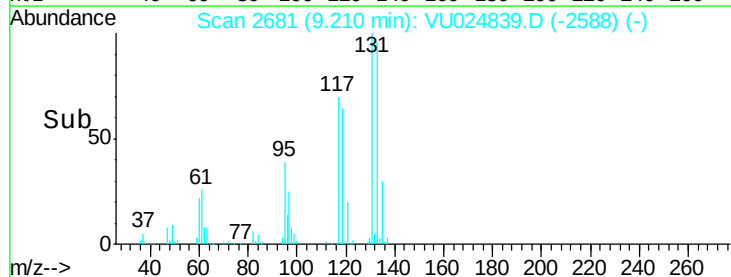
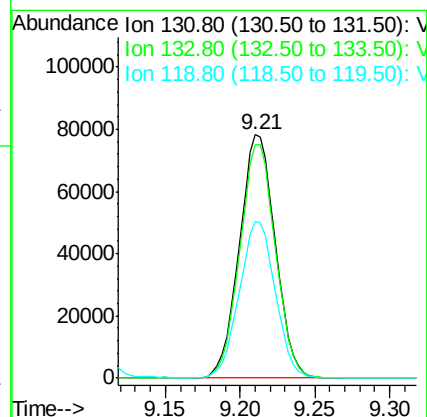
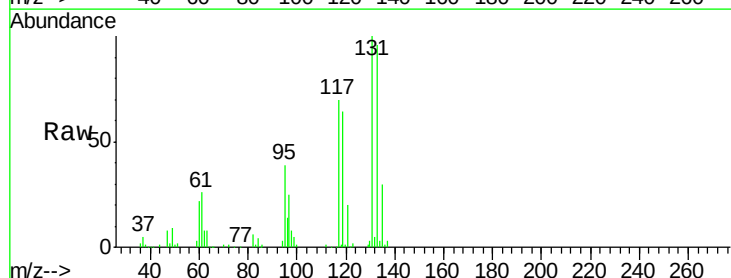
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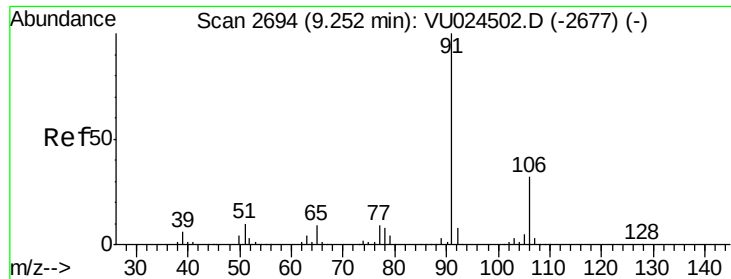
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.01 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion:131 Resp: 130707
Ion Ratio Lower Upper
131 100
133 95.6 46.9 140.8
119 64.6 33.5 100.4





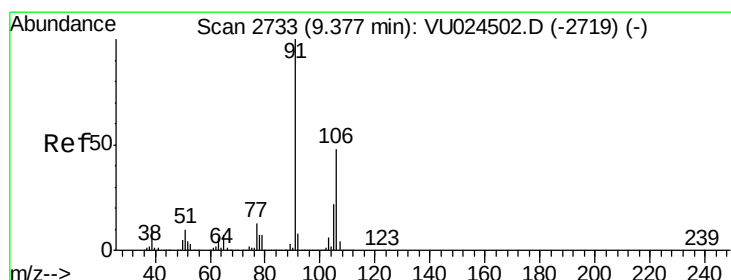
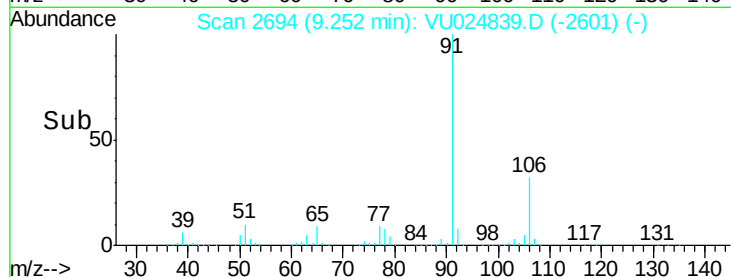
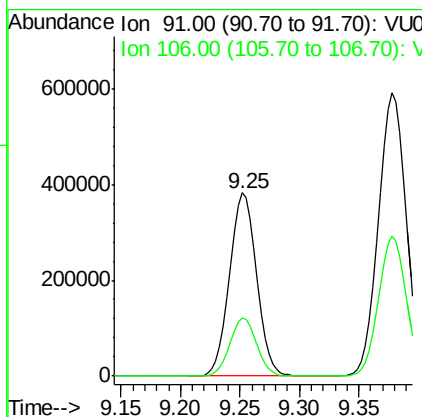
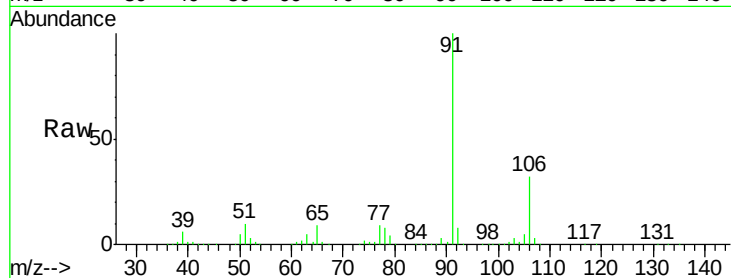
#67
Ethyl Benzene
Concen: 53.25 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 605892
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4

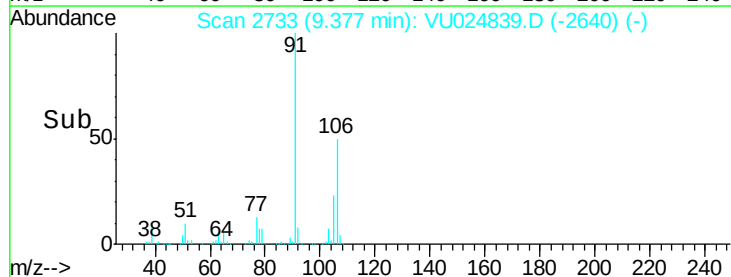
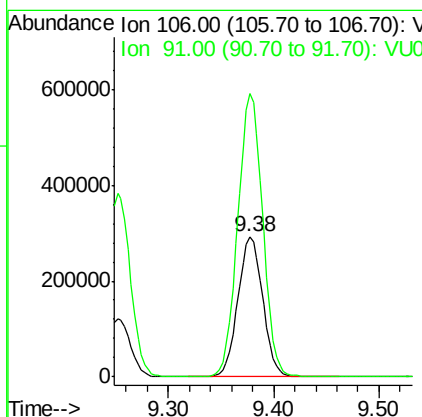
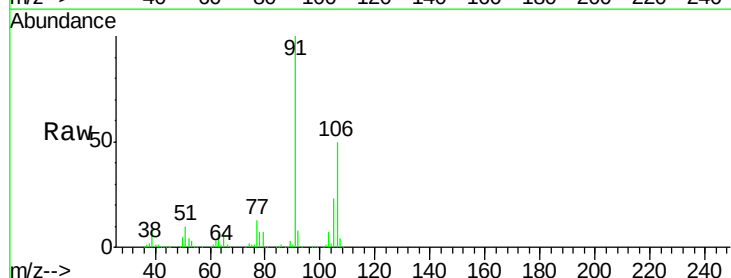
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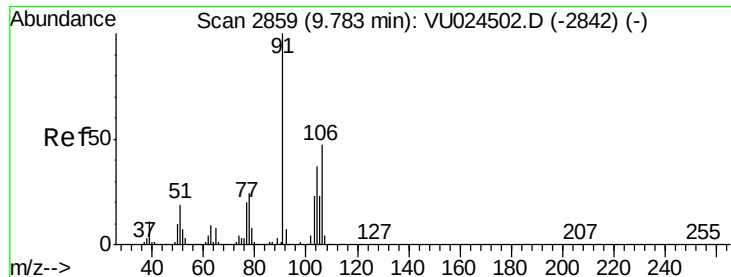
apatel
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#68
m/p-Xylenes
Concen: 108.99 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion: 106 Resp: 476153
Ion Ratio Lower Upper
106 100
91 202.8 166.5 249.7





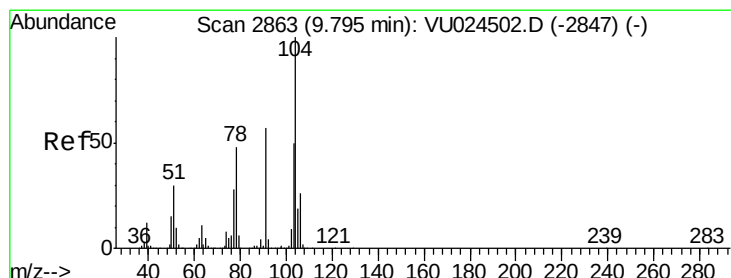
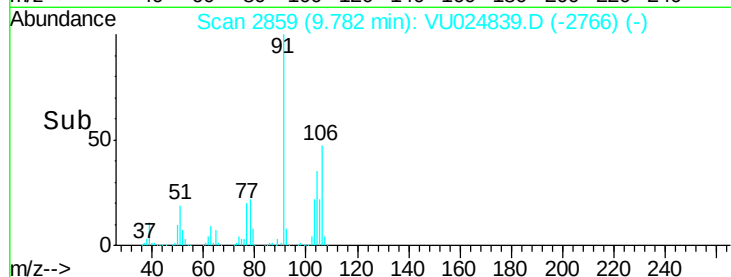
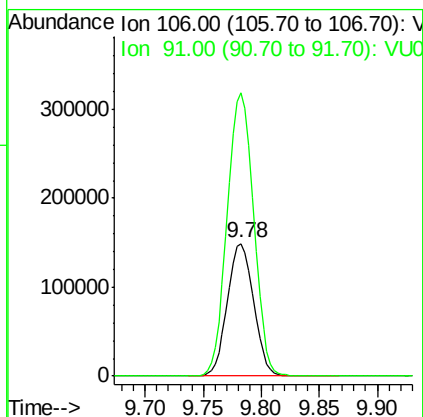
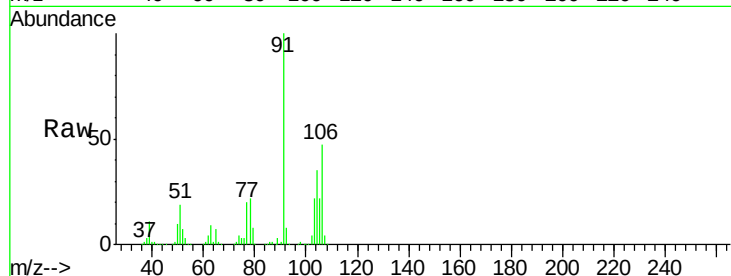
#69
o-Xylene
Concen: 53.90 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.3	110.7	331.9

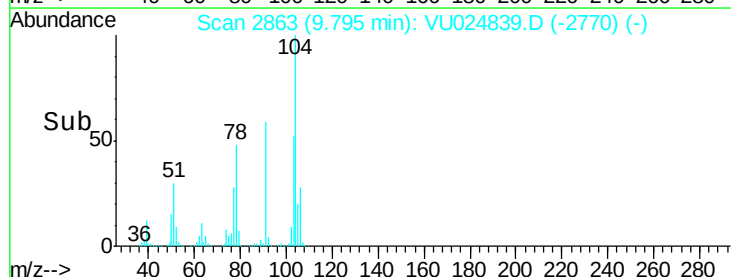
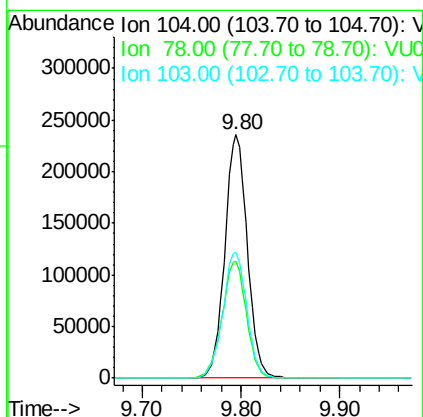
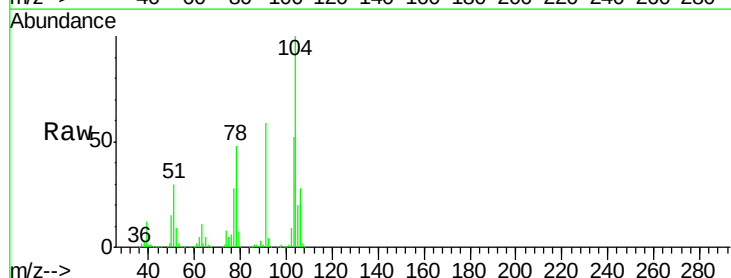
Manual Integrations
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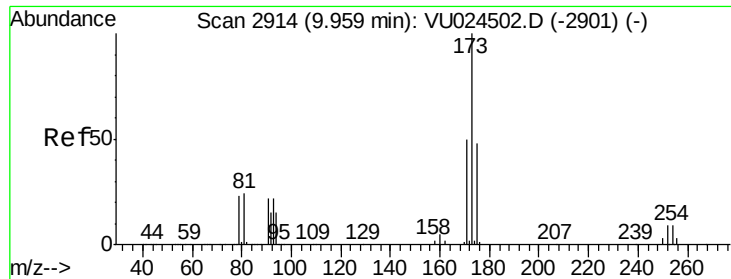
apatel
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#70
Styrene
Concen: 52.88 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.9	40.6	60.8
103	55.2	44.7	67.1





#71

Bromoform

Concen: 49.64 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

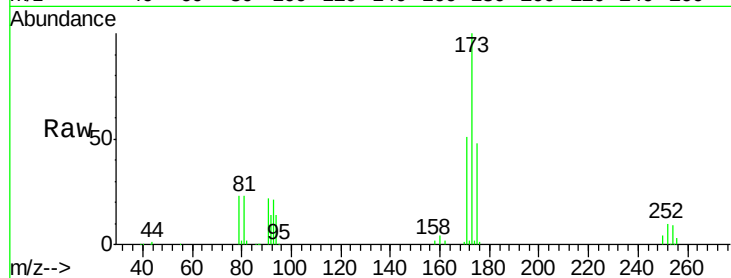
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	74.0
254	0.1	0.0	0.0

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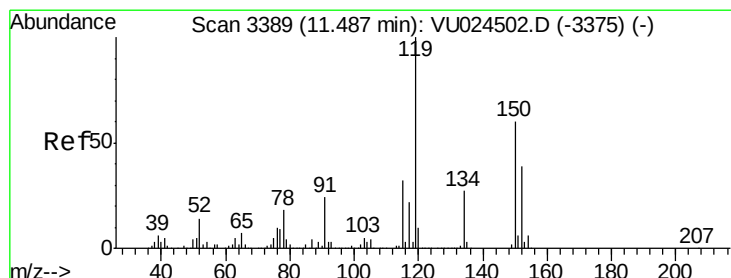
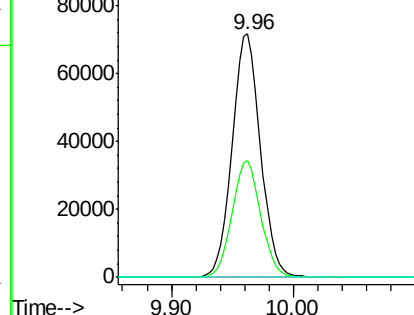
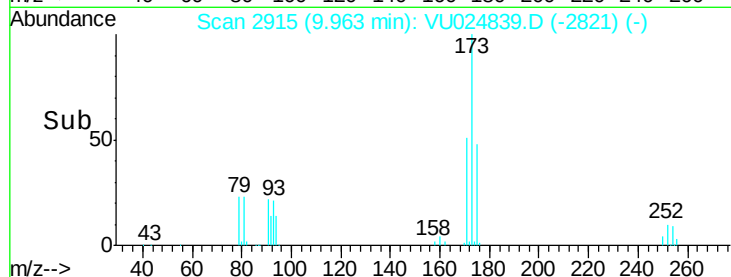


Abundance

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

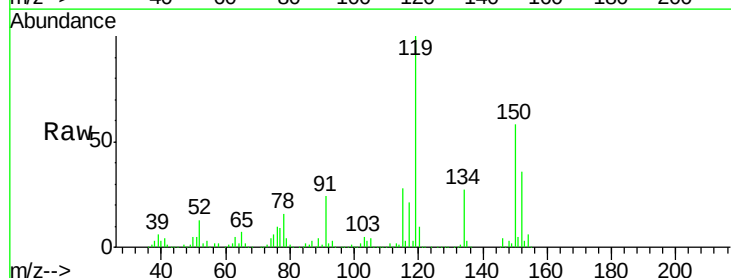
RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	85.7	43.0	129.0
150	176.9	0.0	354.0

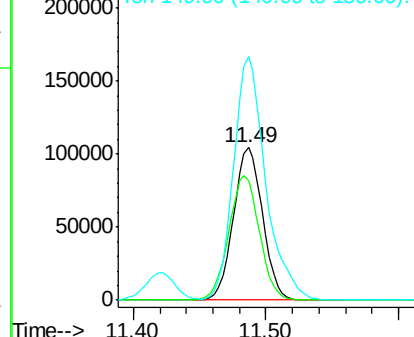
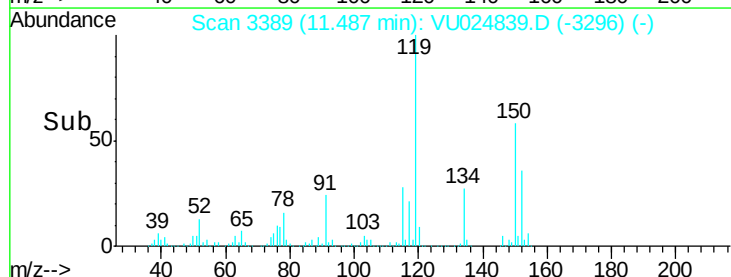


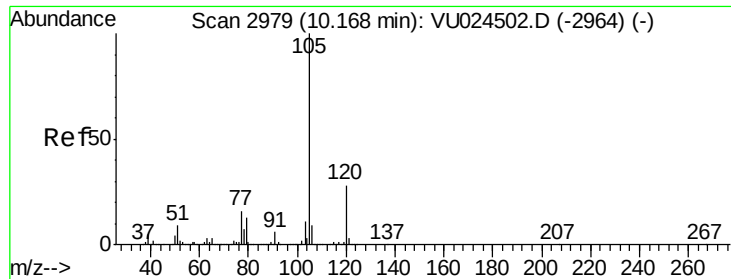
Abundance

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: 52.00 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 634480

Ion Ratio Lower Upper

105 100

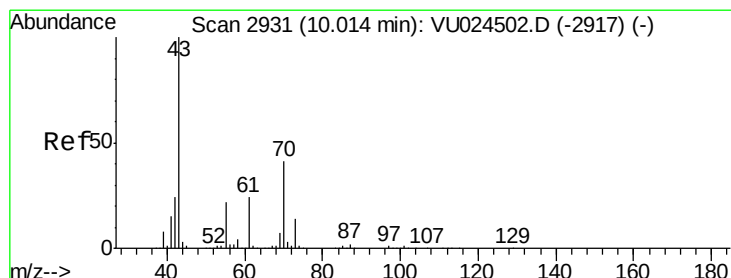
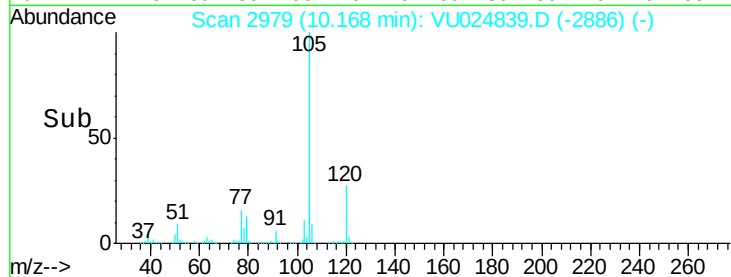
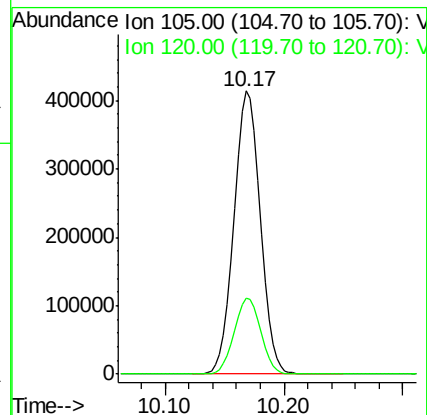
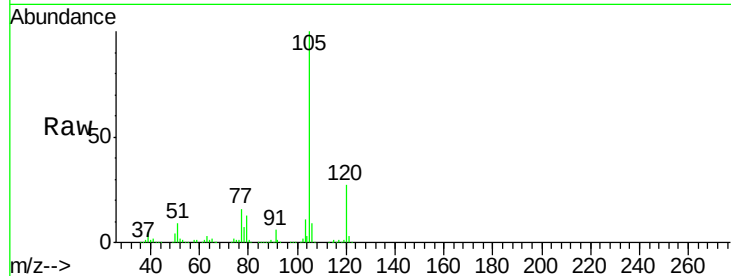
120 27.0 13.2 39.6

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#74

N-ethyl acetate

Concen: 48.14 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Tgt Ion: 43 Resp: 279392

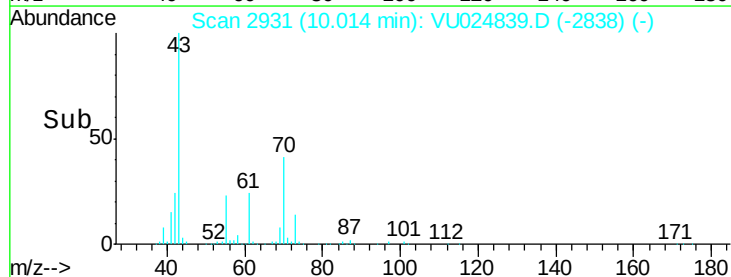
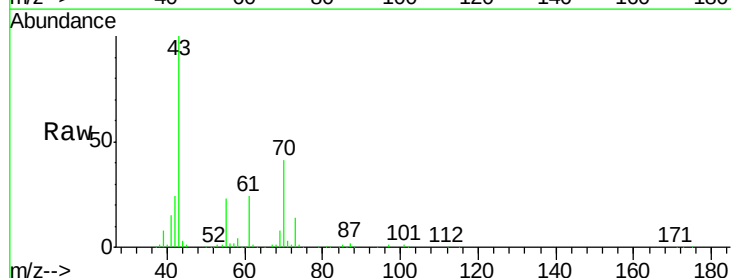
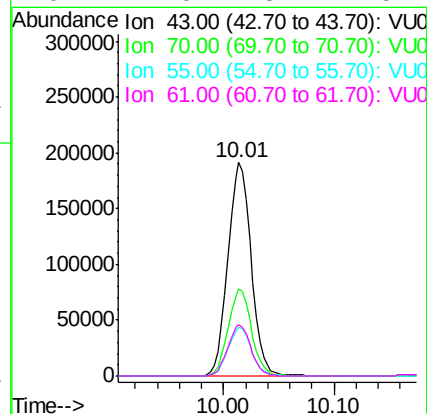
Ion Ratio Lower Upper

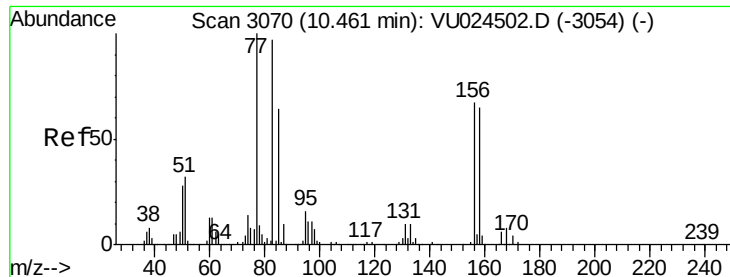
43 100

70 40.9 32.2 48.4

55 23.2 20.5 30.7

61 24.0 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.62 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 206990

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

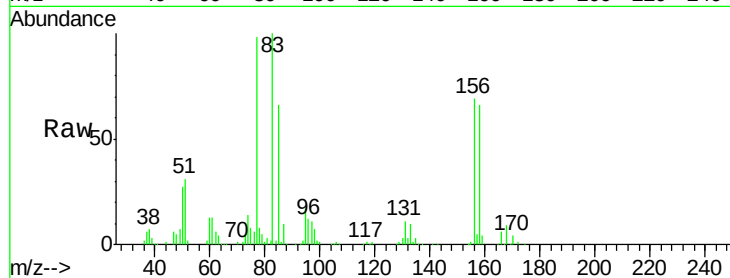
85 64.7 32.5 97.5

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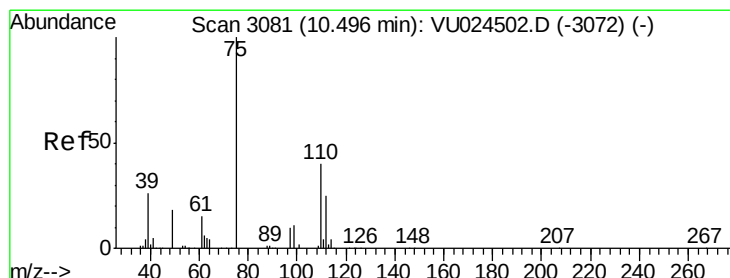
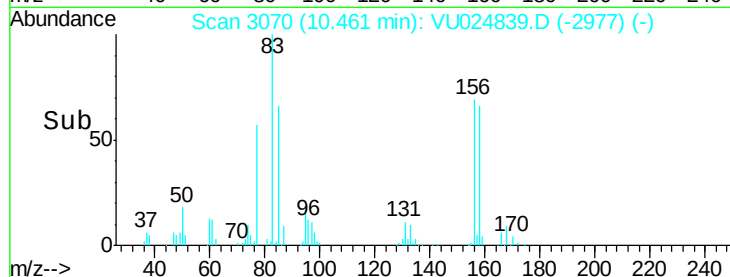
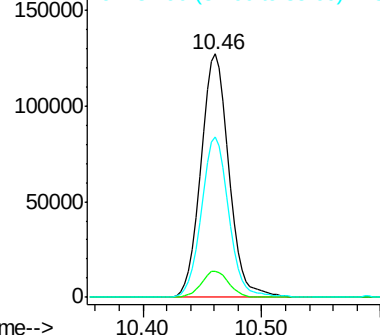
6/26/2018 11:59:36 AM



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: 54.03 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024839.D

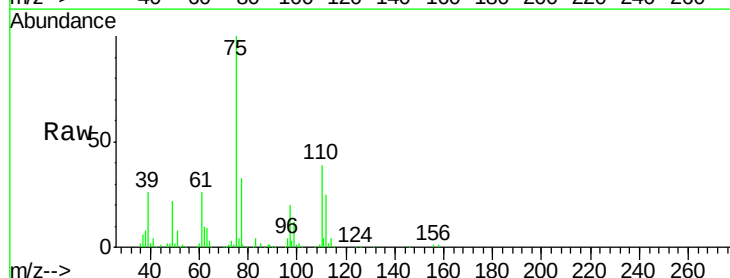
Acq: 22 Jun 2018 17:22

Tgt Ion: 75 Resp: 189063

Ion Ratio Lower Upper

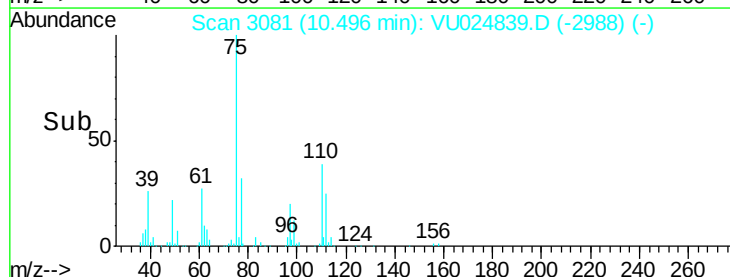
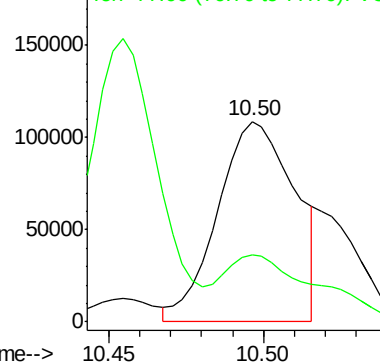
75 100

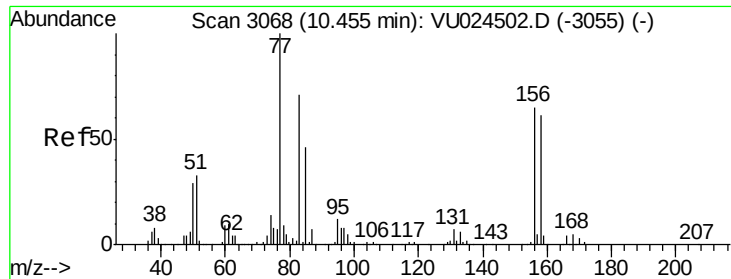
77 42.1 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 51.70 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

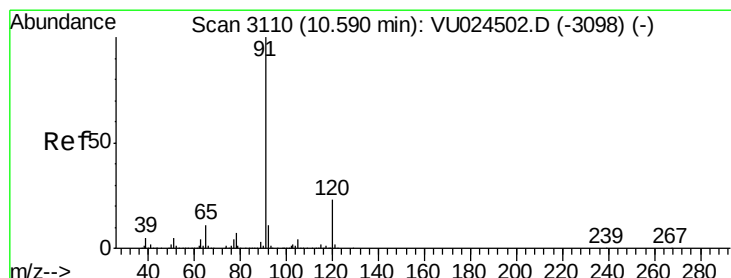
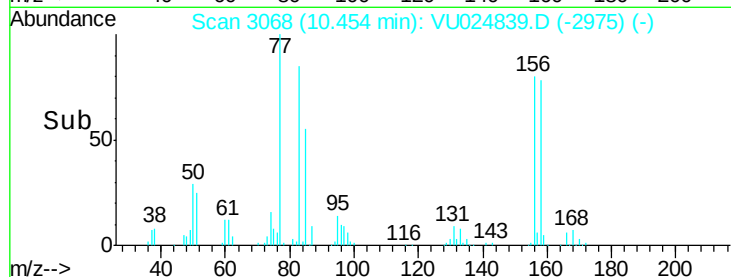
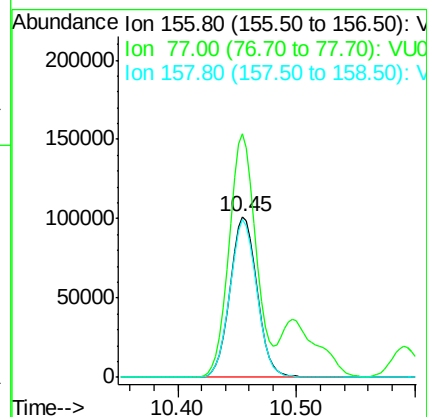
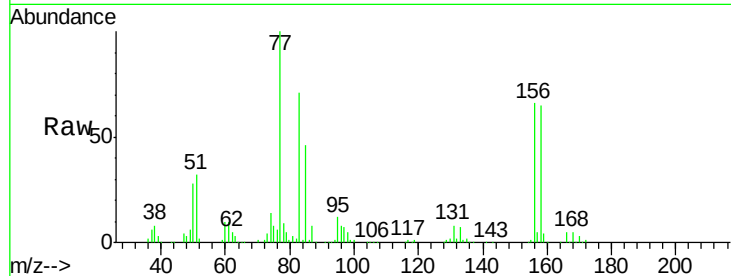
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	159709
Ion Ratio	Lower	Upper	
156	100		
77	150.0	80.5	241.3
158	97.7	48.2	144.6

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#78

n-propylbenzene

Concen: 51.17 ug/l

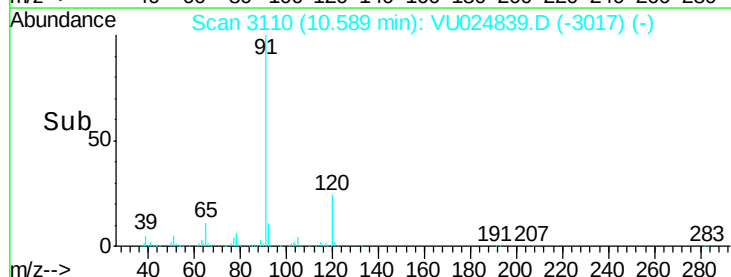
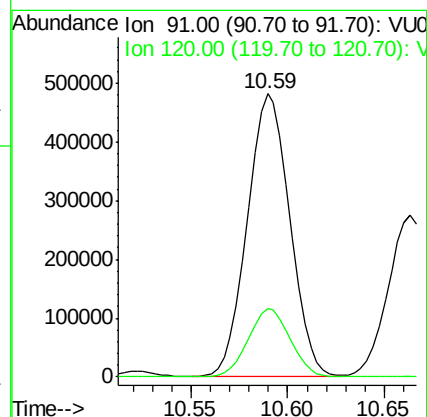
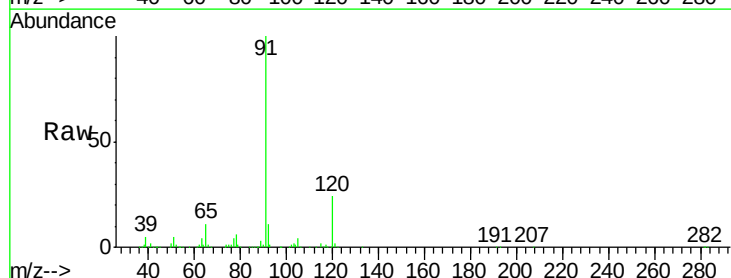
RT: 10.59 min Scan# 3110

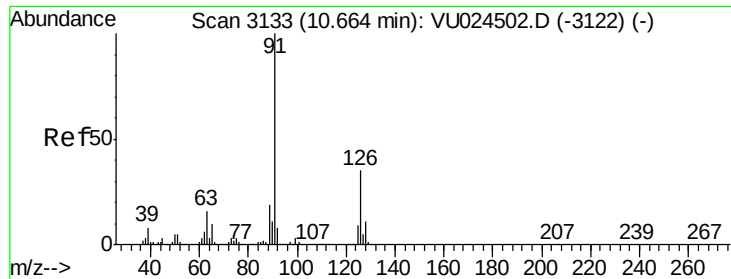
Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Tgt Ion:	91	Resp:	735579
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.2	33.5





#79

2-Chlorotoluene

Concen: 50.81 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 430709

Ion Ratio Lower Upper

91 100

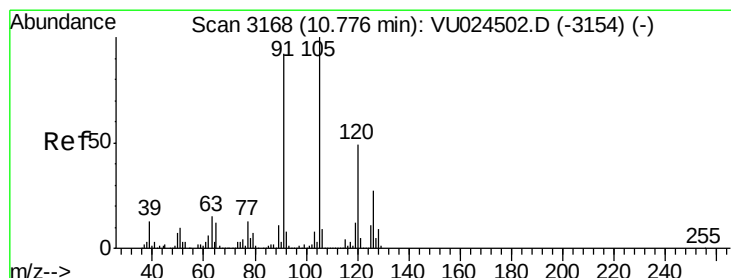
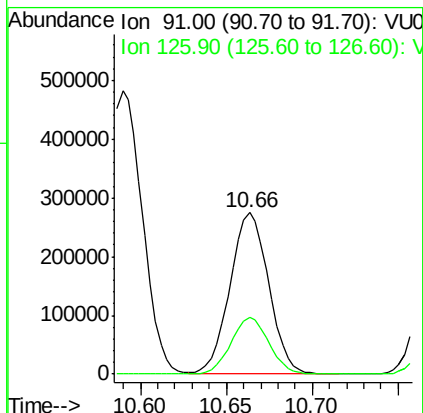
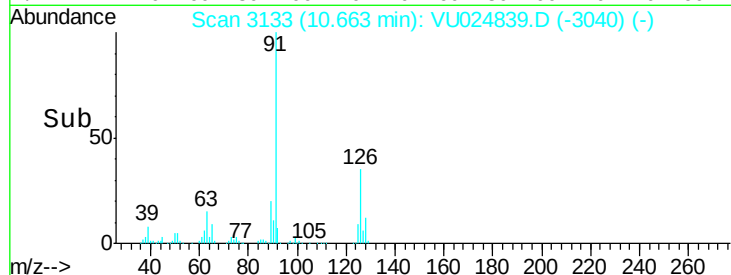
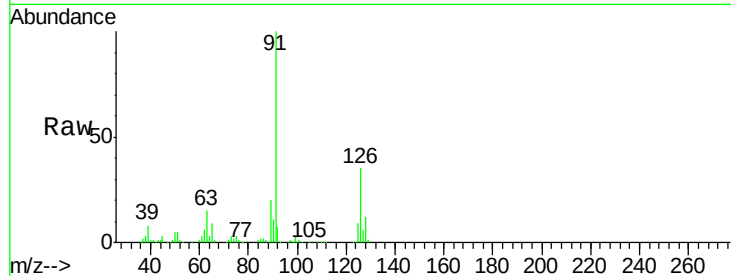
126 34.7 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 52.61 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024839.D

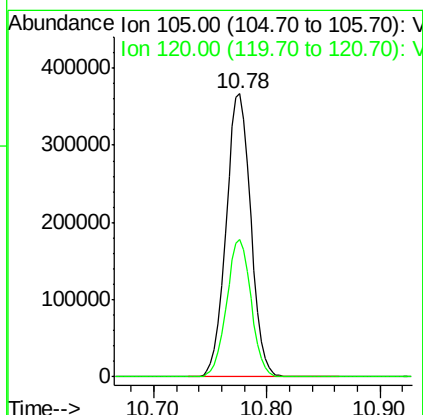
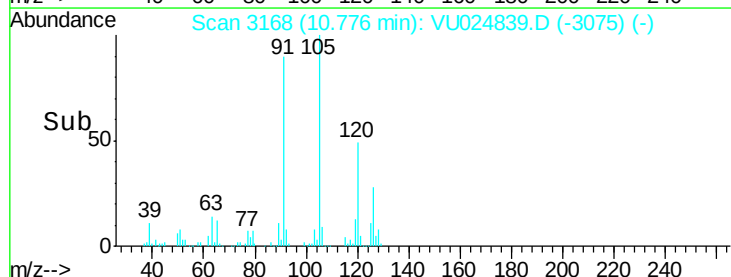
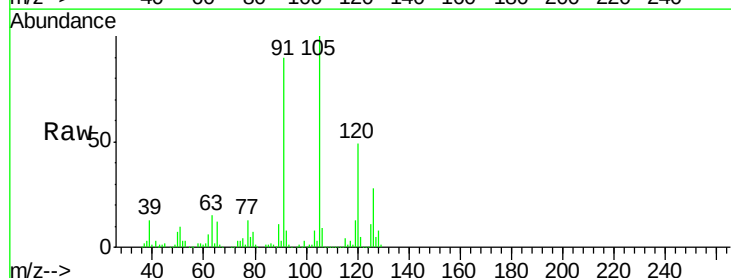
Acq: 22 Jun 2018 17:22

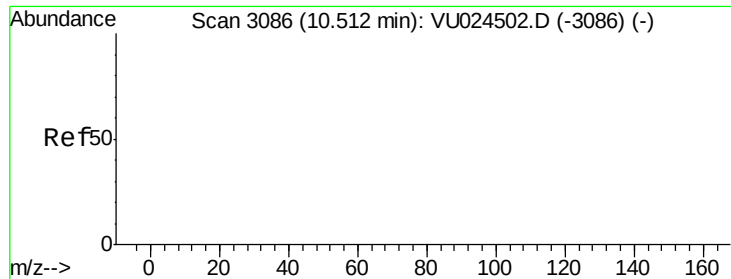
Tgt Ion: 105 Resp: 556442

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2





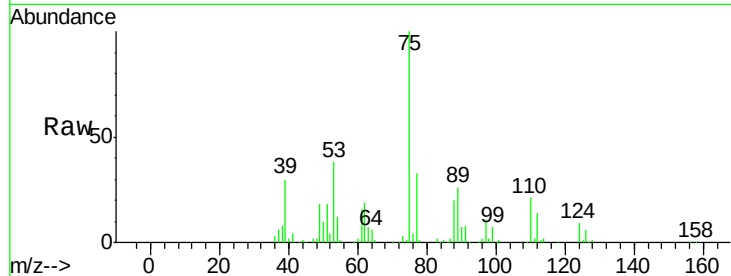
#81
trans-1,4-Dichloro-2-butene
Concen: 46.74 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

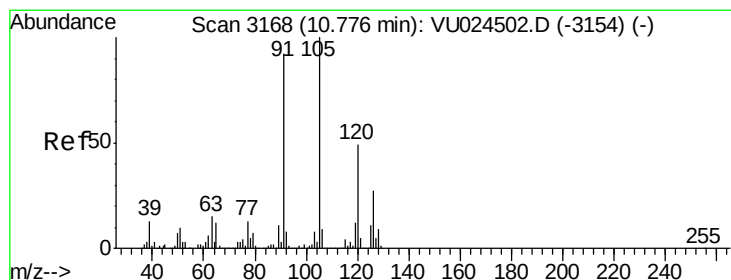
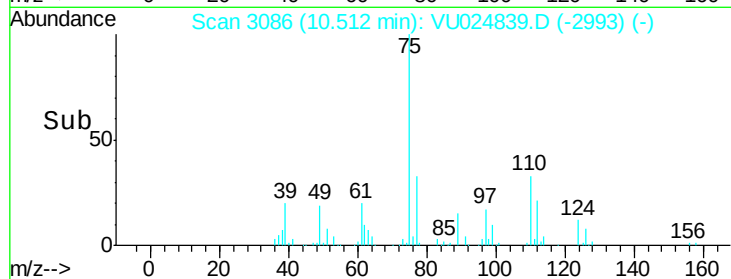
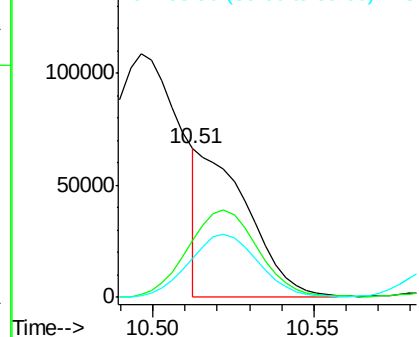
Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

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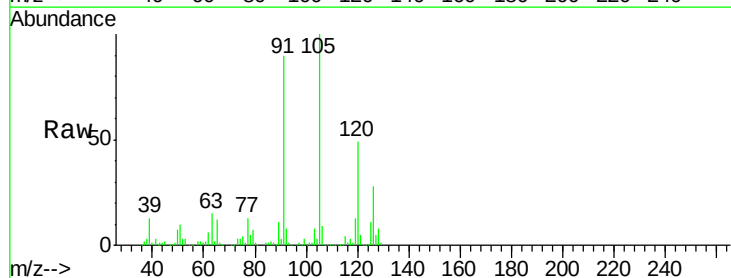


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

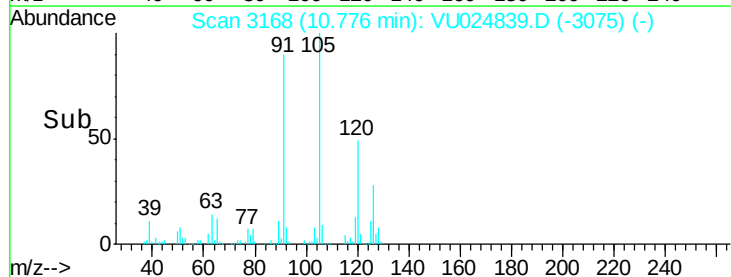
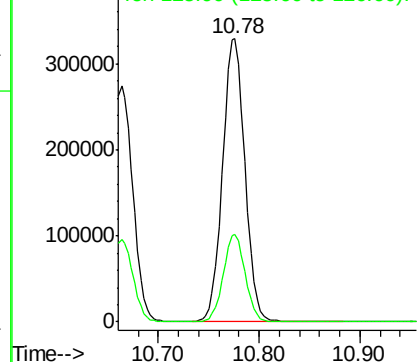


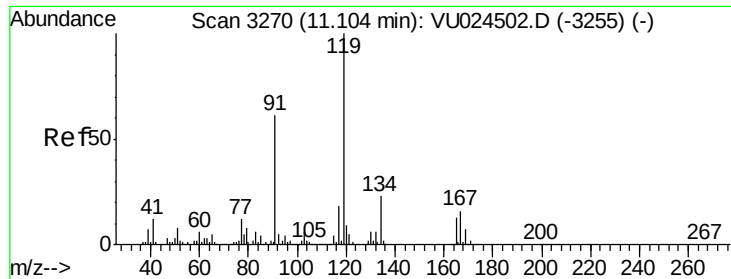
#82
4-Chlorotoluene
Concen: 51.60 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	14.9	44.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V





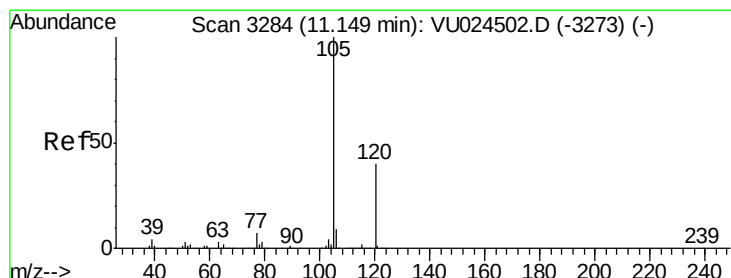
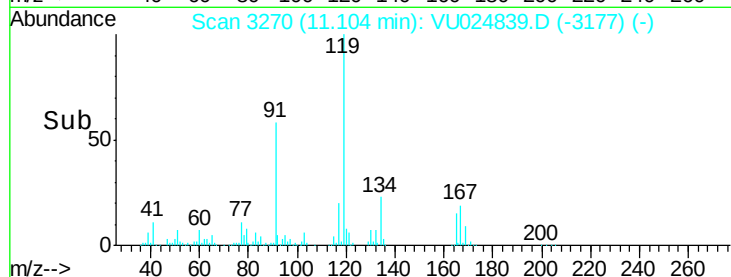
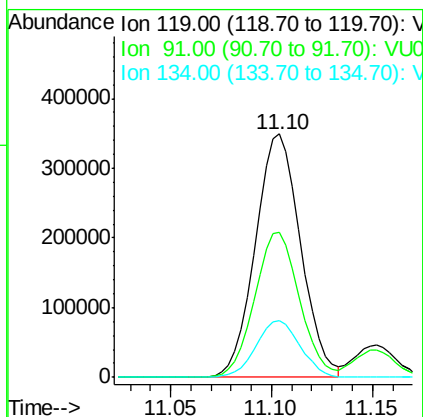
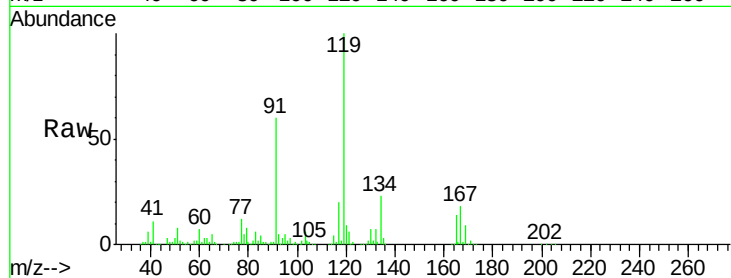
#83
tert-Butylbenzene
Concen: 53.73 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	546599		
91	59.2	29.7	89.1	
134	22.8	11.6	34.7	

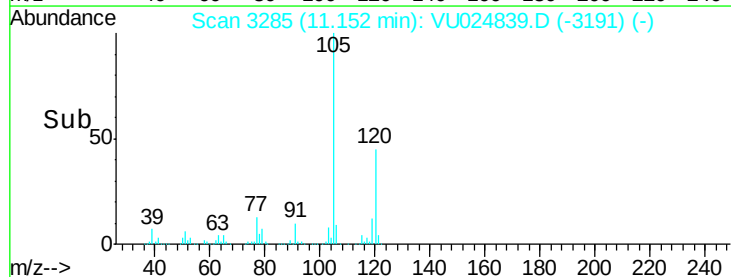
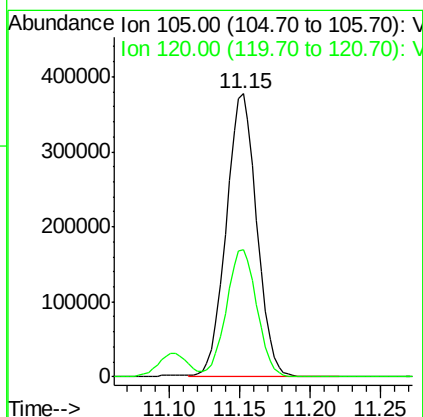
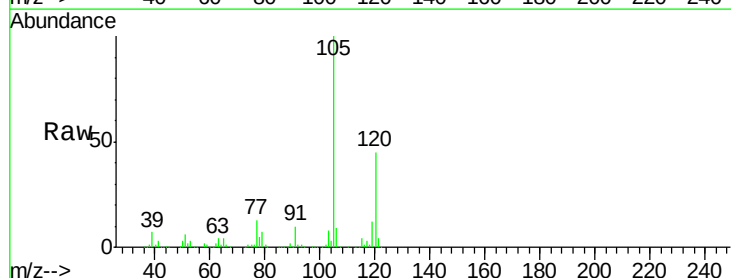
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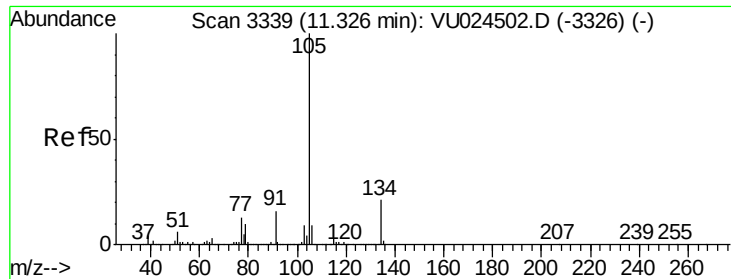
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#84
1,2,4-Trimethylbenzene
Concen: 52.80 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	569121		
120	45.1	22.6	67.8	





#85

sec-Butylbenzene

Concen: 52.72 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 671338

Ion Ratio Lower Upper

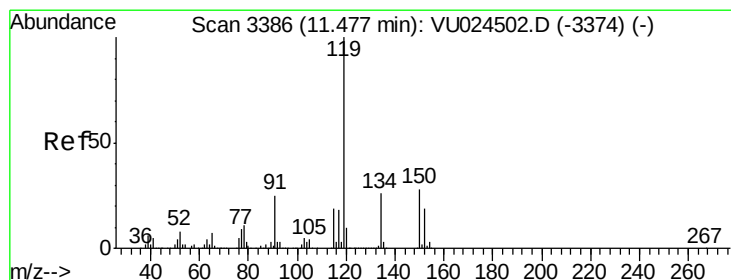
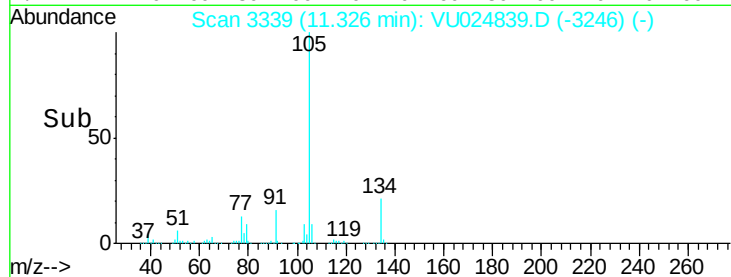
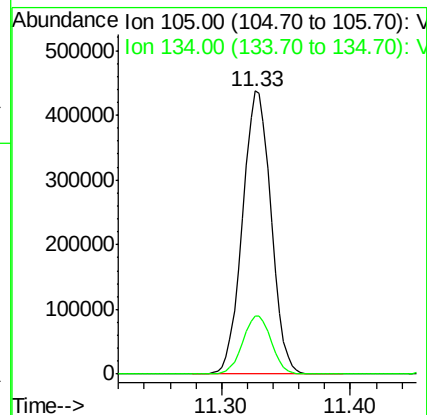
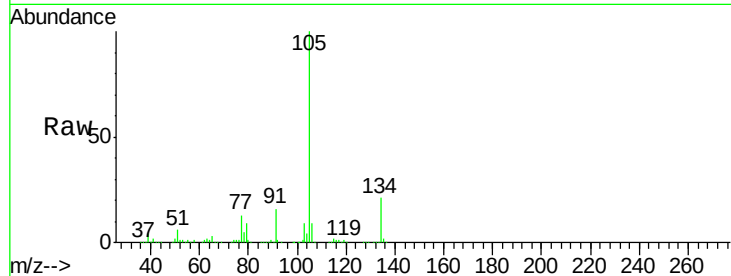
105 100

134 20.7 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 52.85 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

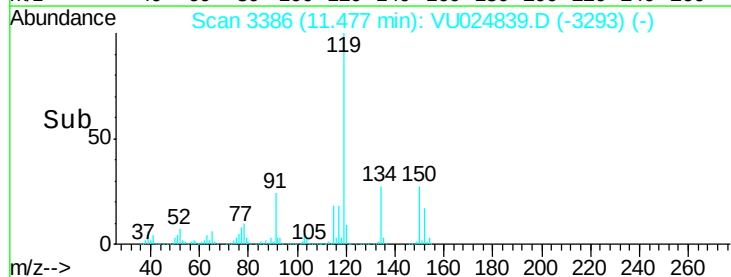
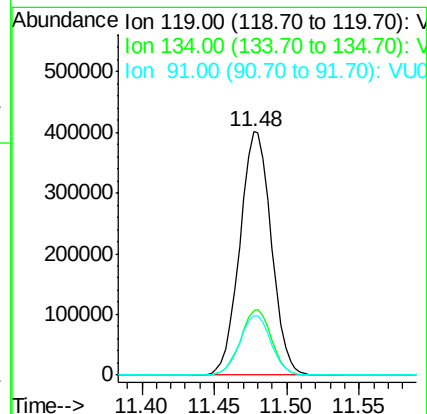
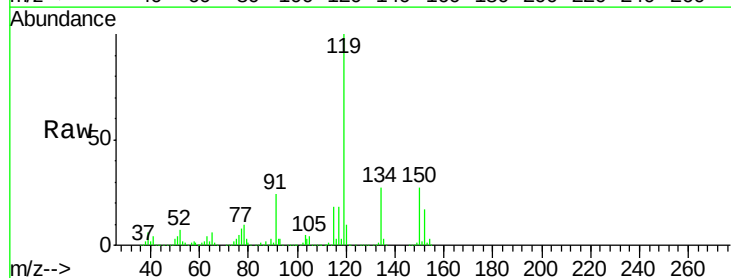
Tgt Ion:119 Resp: 602752

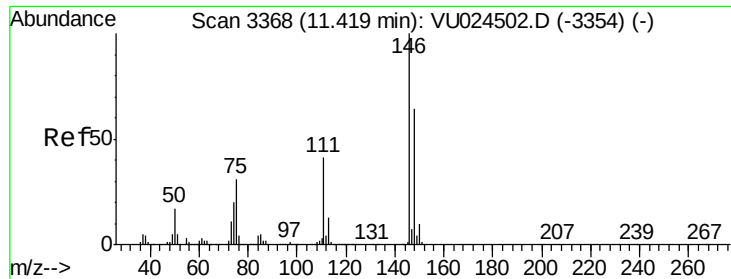
Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

91 24.4 12.0 36.1





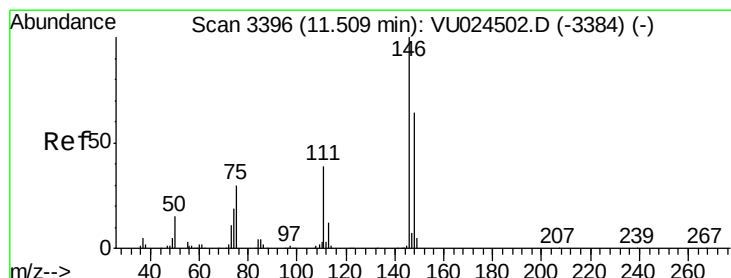
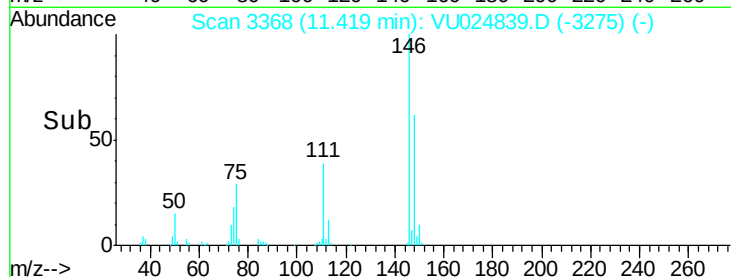
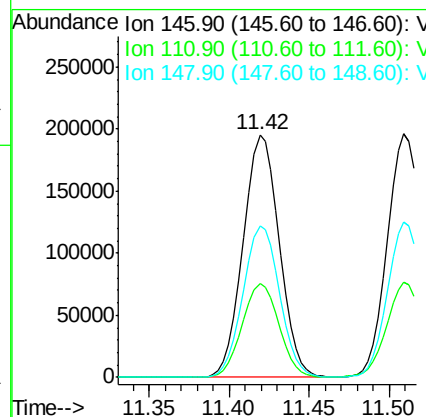
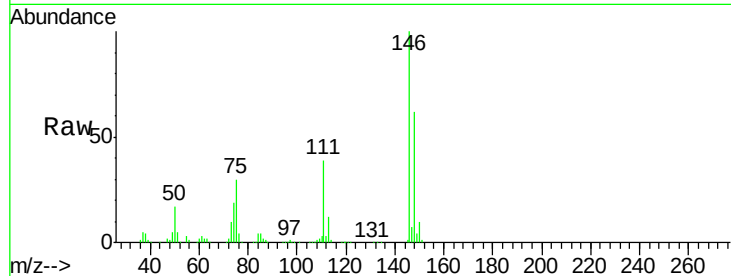
#87
 1,3-Dichlorobenzene
 Concen: 52.66 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.0	60.0
148	63.1	32.1	96.5

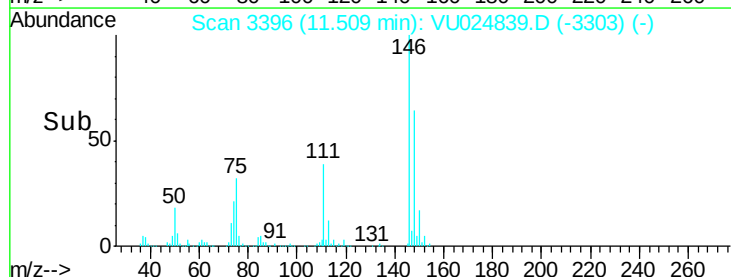
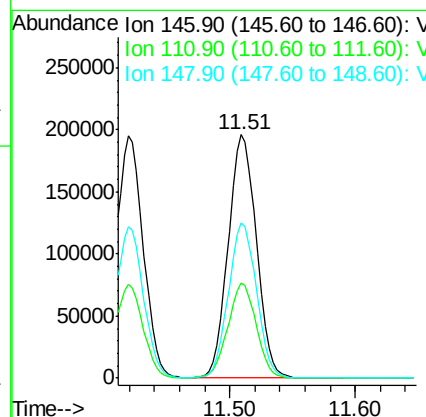
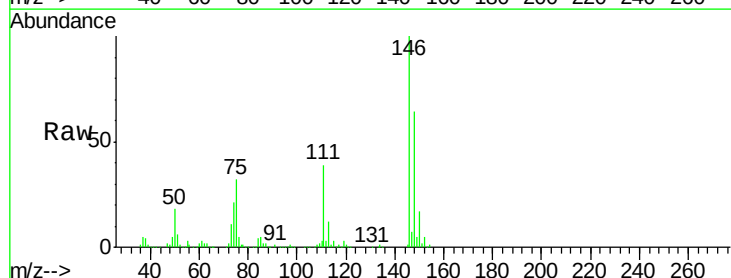
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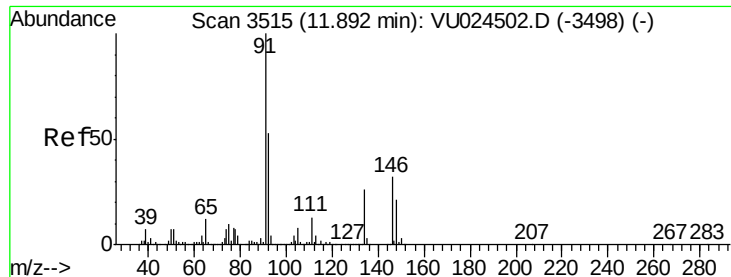
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#88
 1,4-Dichlorobenzene
 Concen: 53.19 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	63.3	32.4	97.0





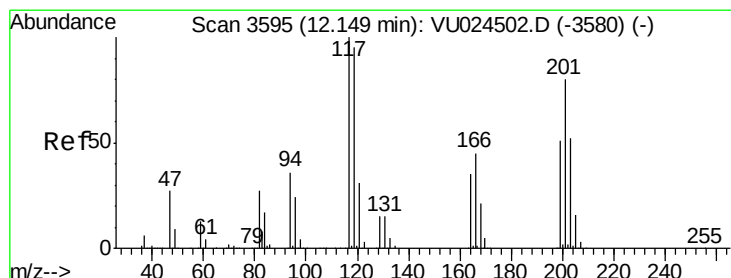
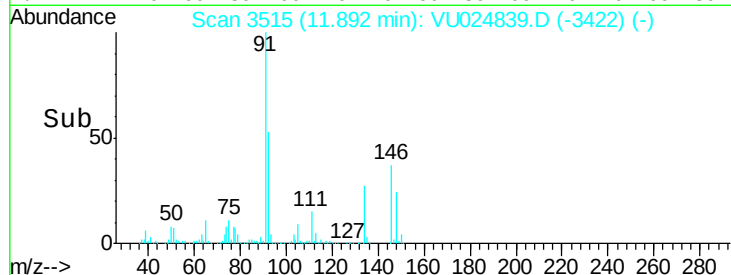
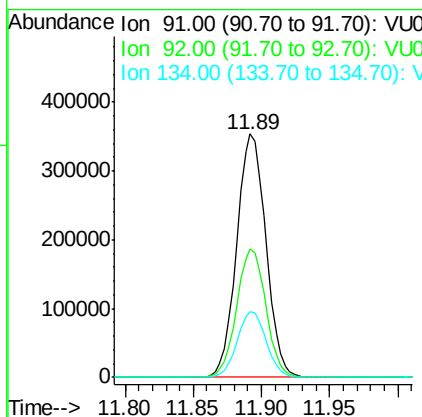
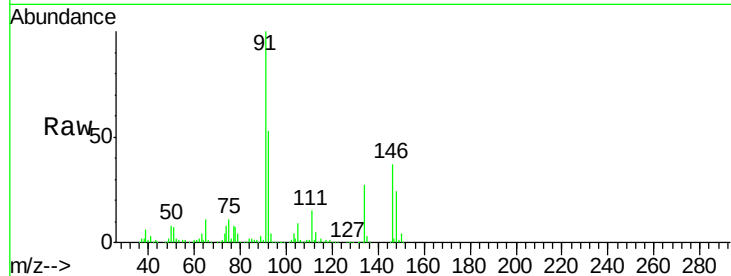
#89
n-Butylbenzene
Concen: 51.83 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

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

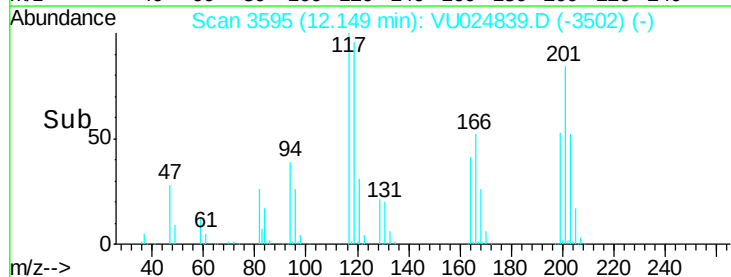
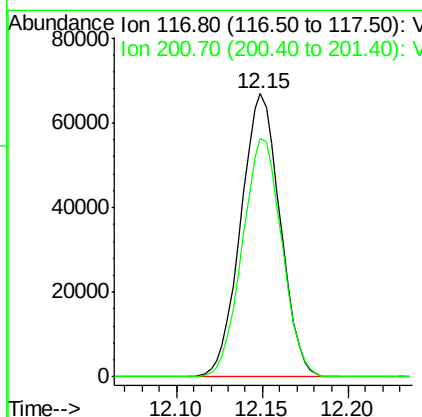
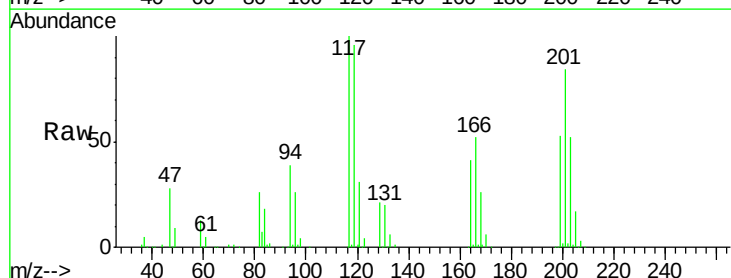
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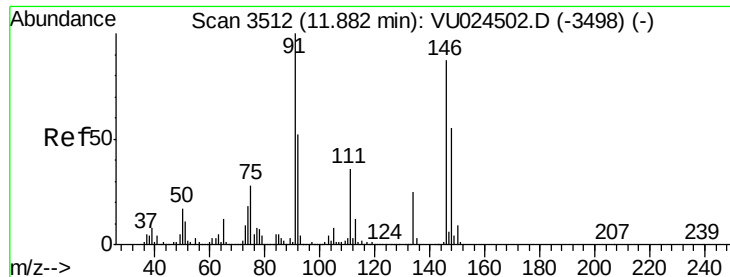
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#90
Hexachloroethane
Concen: 47.63 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024839.D
Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.6	41.1	123.3





#91

1,2-Dichlorobenzene

Concen: 54.45 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

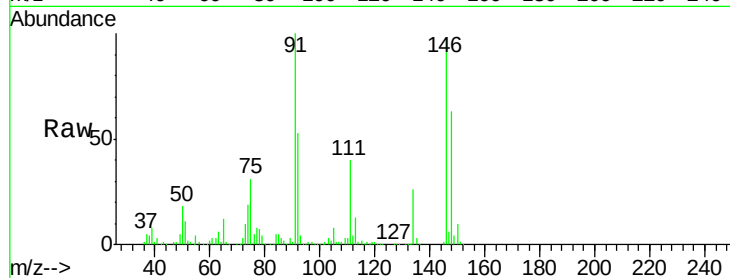
ClientSampleId :

VSTDCCC050

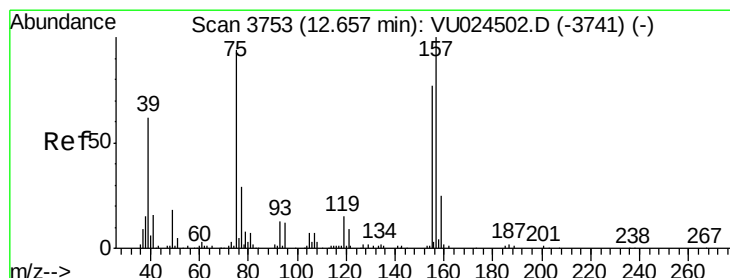
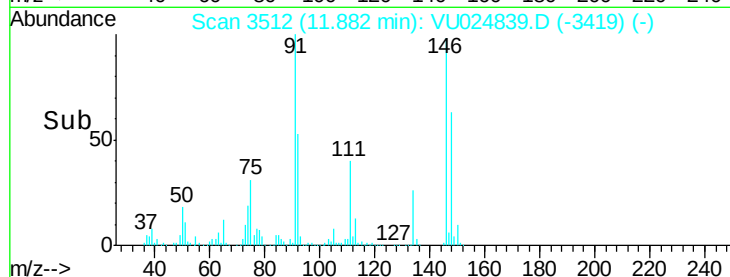
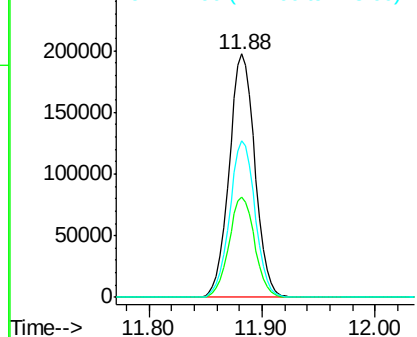
Tot Ion:	146	Resp:	311291
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.5	61.6
148	63.7	31.9	95.7

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.60 ug/l

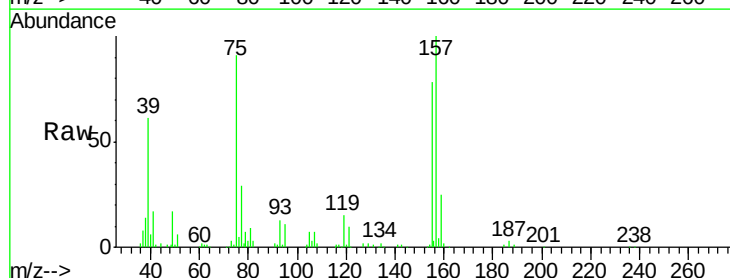
RT: 12.66 min Scan# 3753

Delta R.T. -0.00 min

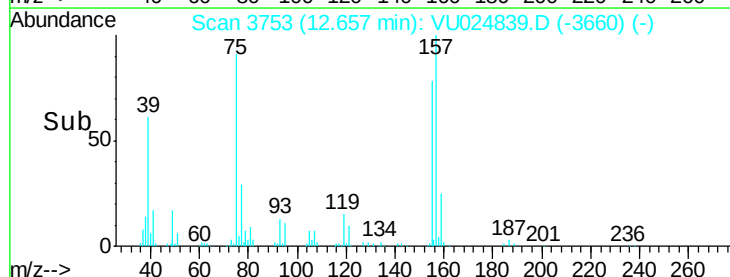
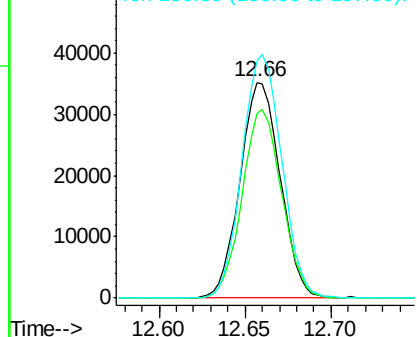
Lab File: VU024839.D

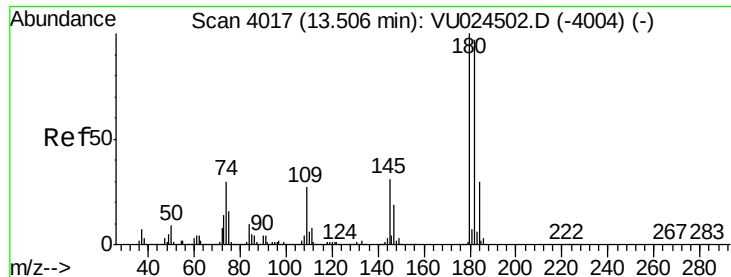
Acq: 22 Jun 2018 17:22

Tgt Ion:	75	Resp:	57090
Ion Ratio	Lower	Upper	
75	100		
155	86.2	40.4	121.2
157	112.1	52.3	156.8



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





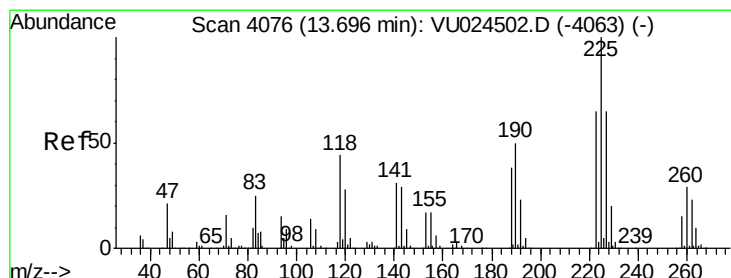
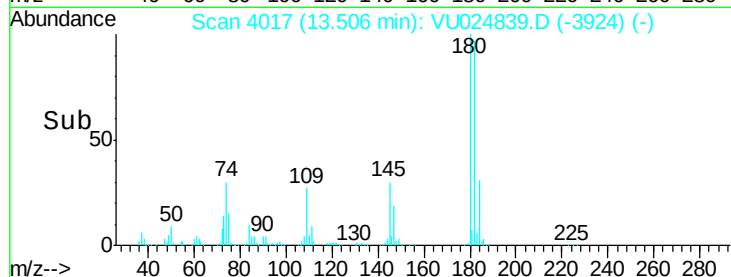
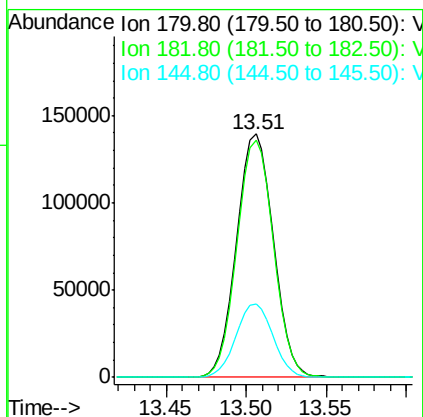
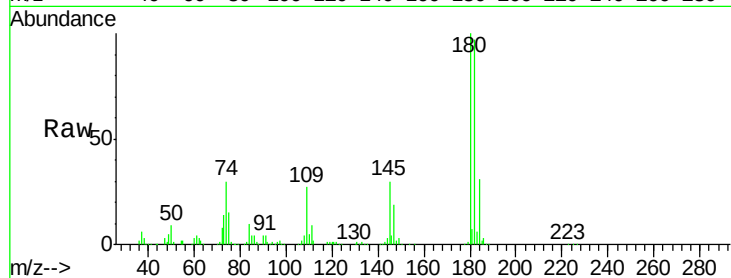
#93
 1,2,4-Trichlorobenzene
 Concen: 62.06 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	219076		
182	96.6	48.0	144.2	
145	30.4	14.7	44.1	

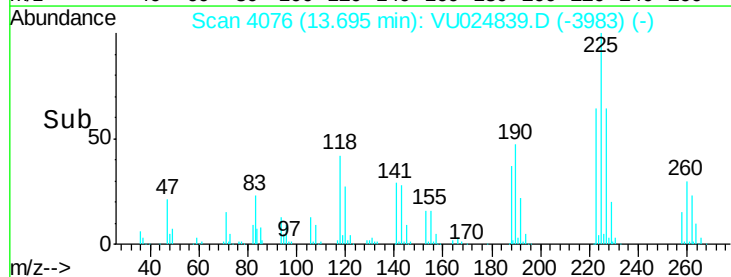
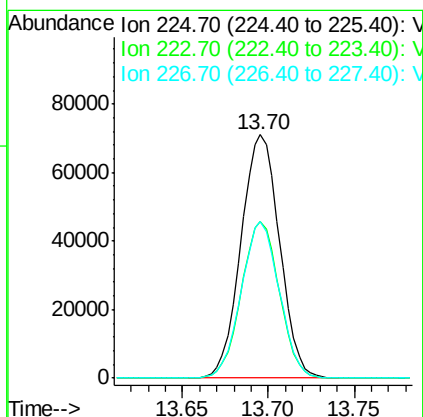
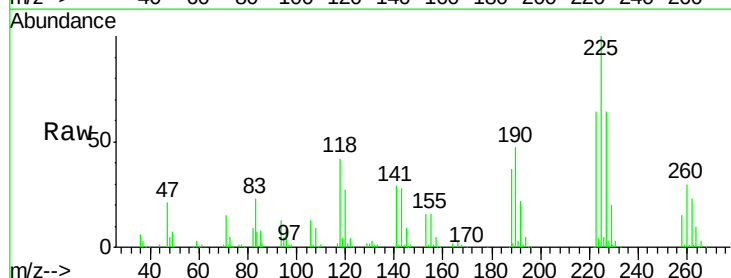
Manual Integrations
 APPROVED

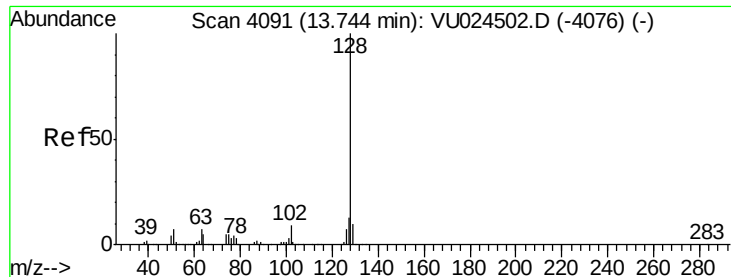
apatel
 6/26/2018 11:59:36 AM



#94
 Hexachlorobutadiene
 Concen: 55.68 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024839.D
 Acq: 22 Jun 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	110643		
223	63.2	31.3	93.8	
227	63.4	31.8	95.4	





#95

Naphthalene

Concen: 60.29 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Instrument :

MSVOA_U

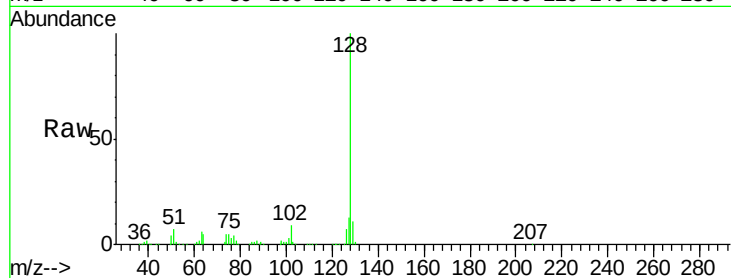
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	706262
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.6	8.6	12.8

Manual Integrations
APPROVED

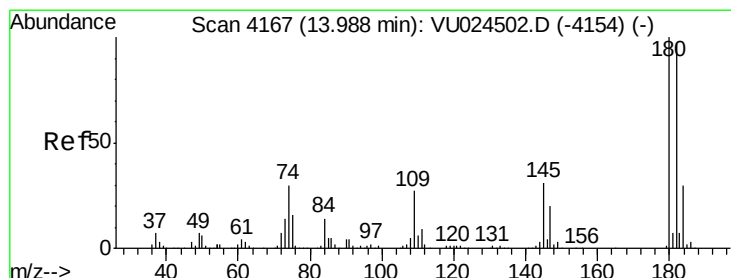
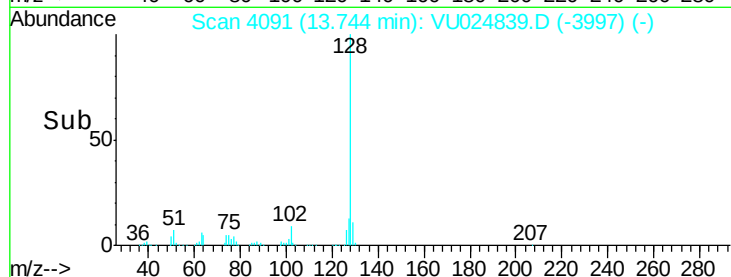
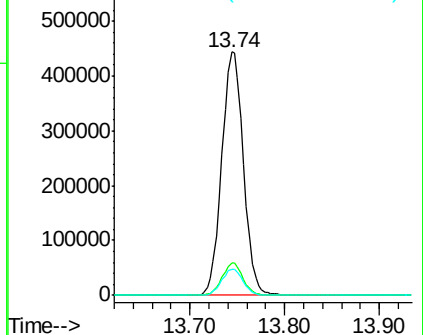
apatel
6/26/2018 11:59:36 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 64.85 ug/l

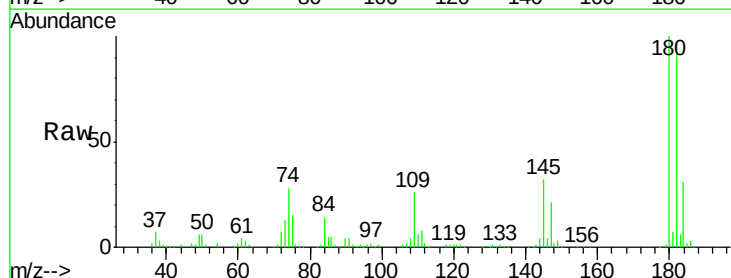
RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU024839.D

Acq: 22 Jun 2018 17:22

Tgt Ion:	180	Resp:	228120
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.9	143.7
145	31.8	15.4	46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

