

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061818\
 Data File : VU024733.D
 Acq On : 19 Jun 2018 09:10
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:55:10 PM

Quant Time: Jun 19 09:55:49 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	163300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	267121	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	256084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153993	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	130062	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	4.89	113	107220	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	7.57	98	398145	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	10.31	95	154463	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	84064	41.13	ug/l	99
3) Chloromethane	1.33	50	97249	46.57	ug/l	100
4) Vinyl Chloride	1.40	62	103821	48.21	ug/l	96
5) Bromomethane	1.62	94	64563	62.02	ug/l	99
6) Chloroethane	1.69	64	66600	55.46	ug/l	98
7) Trichlorofluoromethane	1.89	101	165867	50.47	ug/l	98
8) Diethyl Ether	2.10	74	64738	58.19	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	89901	44.09	ug/l	96
10) Methyl Iodide	2.41	142	95636	54.85	ug/l	97
11) Tert butyl alcohol	2.82	59	153168	236.23	ug/l	99
12) 1,1-Dichloroethene	2.28	96	89805	48.30	ug/l	89
13) Acrolein	2.19	56	3860	11.34	ug/l	98
14) Allyl chloride	2.59	41	129685	37.56	ug/l	93
15) Acrylonitrile	2.93	53	341199	270.47	ug/l	99
16) Acetone	2.32	43	294906	205.88	ug/l	99
17) Carbon Disulfide	2.48	76	250437	42.06	ug/l	100
18) Methyl Acetate	2.62	43	211779	68.97	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	344452	49.28	ug/l	98
20) Methylene Chloride	2.70	84	106008	47.17	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	95727	46.74	ug/l	95
22) Diisopropyl ether	3.57	45	344967	50.40	ug/l	99
23) Vinyl Acetate	3.53	43	1280169	208.81	ug/l	98
24) 1,1-Dichloroethane	3.45	63	191910	48.74	ug/l	100
25) 2-Butanone	4.26	43	484825	251.99	ug/l	97
26) 2,2-Dichloropropane	4.23	77	41841	11.19	ug/l	81
27) cis-1,2-Dichloroethene	4.23	96	114572	48.66	ug/l	90
28) Bromochloromethane	4.55	49	89774	51.77	ug/l	87
29) Tetrahydrofuran	4.63	42	310001	260.18	ug/l	97
30) Chloroform	4.68	83	197439	49.55	ug/l	99
31) Cyclohexane	5.00	56	170016	48.57	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	177168	48.08	ug/l	97
36) 1,1-Dichloropropene	5.14	75	142971	45.55	ug/l	97
37) Ethyl Acetate	4.38	43	175914	51.42	ug/l	97
38) Carbon Tetrachloride	5.14	117	158948	46.05	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	164198	41.92	ug/l	95
40) Benzene	5.39	78	429805	48.05	ug/l	98
41) Methacrylonitrile	4.54	41	98694	53.51	ug/l	97
42) 1,2-Dichloroethane	5.41	62	165693	48.64	ug/l	99
43) Isopropyl Acetate	5.55	43	280997	47.52	ug/l	99
44) Trichloroethene	6.19	130	117288	46.08	ug/l	97
45) 1,2-Dichloropropane	6.44	63	117603	49.28	ug/l	97
46) Dibromomethane	6.56	93	83564	49.85	ug/l	96
47) Bromodichloromethane	6.76	83	158914	47.61	ug/l	97
48) Methyl methacrylate	6.63	41	143882	49.97	ug/l	98
49) 1,4-Dioxane	6.61	88	65864	1169.59	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	962848	259.16	ug/l	99
52) Toluene	7.64	92	278236	48.35	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	144835	38.64	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	150965	37.79	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	118293	50.57	ug/l	98
56) Ethyl methacrylate	8.02	69	196012	50.07	ug/l	99
57) 1,3-Dichloropropane	8.25	76	197884	50.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	402395	268.29	ug/l	96
59) 2-Hexanone	8.36	43	754796	248.85	ug/l	99
60) Dibromochloromethane	8.48	129	138747	47.57	ug/l	100
61) 1,2-Dibromoethane	8.59	107	130027	49.94	ug/l	100
64) Tetrachloroethene	8.23	164	132547	54.45	ug/l	98
65) Chlorobenzene	9.12	112	316823	48.43	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	122228	49.18	ug/l	98
67) Ethyl Benzene	9.25	91	538498	46.95	ug/l	97
68) m/p-Xylenes	9.38	106	422030	95.83	ug/l	97
69) o-Xylene	9.78	106	214249	49.16	ug/l	95
70) Styrene	9.80	104	351833	49.12	ug/l	99
71) Bromoform	9.96	173	111537	47.21	ug/l #	100
73) Isopropylbenzene	10.17	105	565644	47.84	ug/l	99
74) N-amyl acetate	10.01	43	250852	44.61	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	202320	51.07	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	174570m	51.49	ug/l	
77) Bromobenzene	10.46	156	146348	48.89	ug/l	95
78) n-propylbenzene	10.59	91	639345	45.91	ug/l	97
79) 2-Chlorotoluene	10.66	91	389308	47.40	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	488988	47.72	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	212104	144.79	ug/l #	100
82) 4-Chlorotoluene	10.78	91	448873	46.96	ug/l	98
83) tert-Butylbenzene	11.10	119	467502	47.43	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	503237	48.19	ug/l	100
85) sec-Butylbenzene	11.33	105	582399	47.20	ug/l	98
86) p-Isopropyltoluene	11.48	119	513179	46.44	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	266574	48.21	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	266445	47.87	ug/l	99
89) n-Butylbenzene	11.89	91	418401	42.65	ug/l	98
90) Hexachloroethane	12.15	117	97692	45.32	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	276196	49.87	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	56543	51.72	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	178245	52.11	ug/l	100
94) Hexachlorobutadiene	13.70	225	82943	43.08	ug/l	99
95) Naphthalene	13.74	128	634952	55.99	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	192471	56.47	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 163300

Ion Ratio Lower Upper

168 100

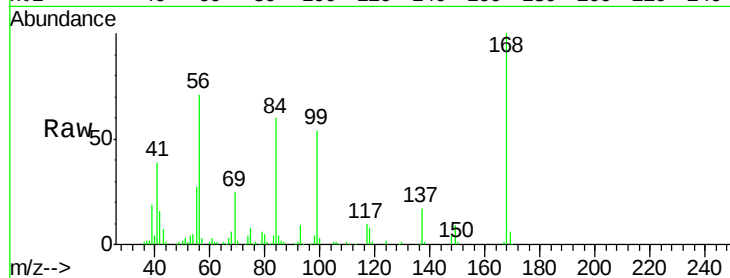
99 53.5 43.2 64.8

Manual Integrations

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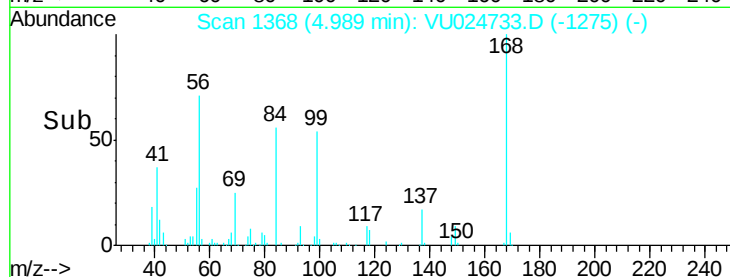
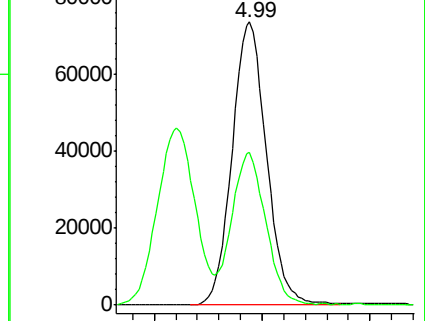
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 41.13 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024733.D

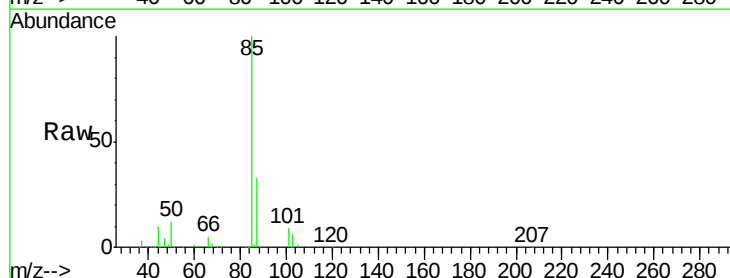
Acq: 19 Jun 2018 09:10

Tgt Ion: 85 Resp: 84064

Ion Ratio Lower Upper

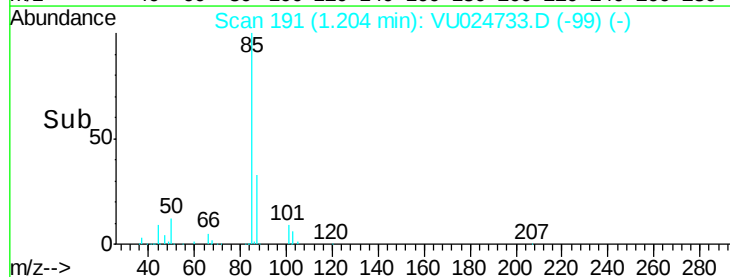
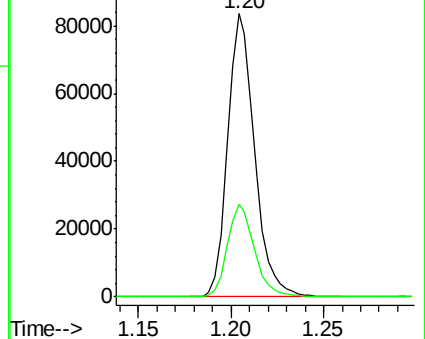
85 100

87 32.6 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: 46.57 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 97249

Ion Ratio Lower Upper

50 100

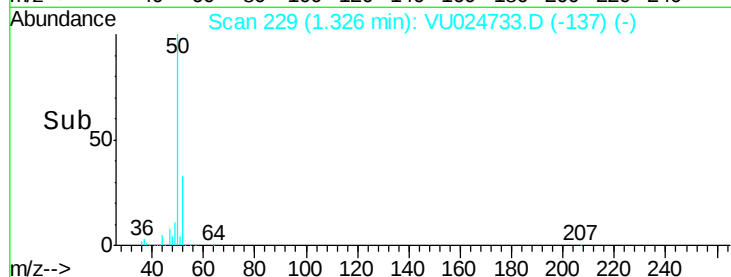
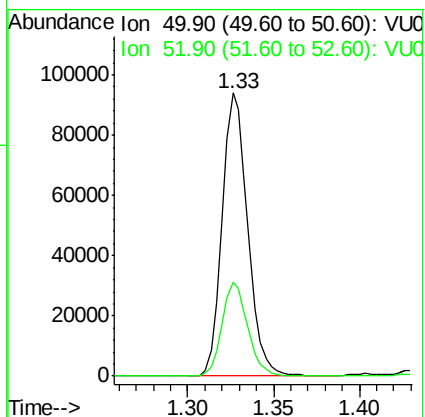
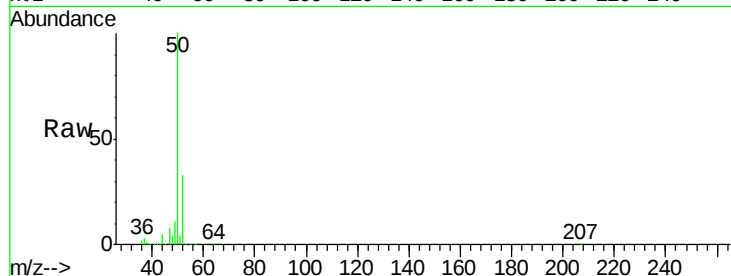
52 33.1 26.4 39.6

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#4

Vinyl Chloride

Concen: 48.21 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024733.D

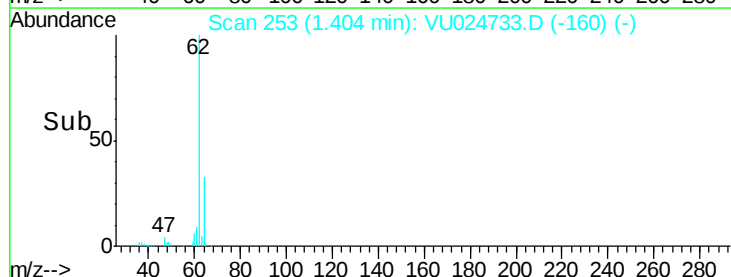
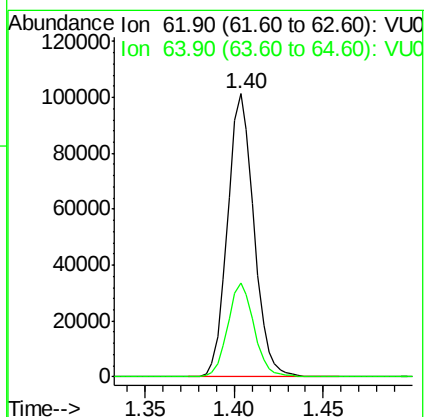
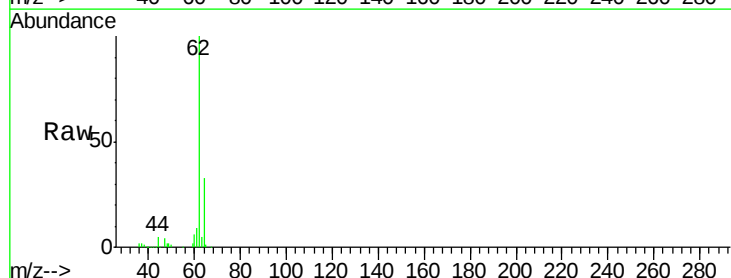
Acq: 19 Jun 2018 09:10

Tgt Ion: 62 Resp: 103821

Ion Ratio Lower Upper

62 100

64 33.0 24.8 37.2





#5

Bromomethane

Concen: 62.02 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 64563

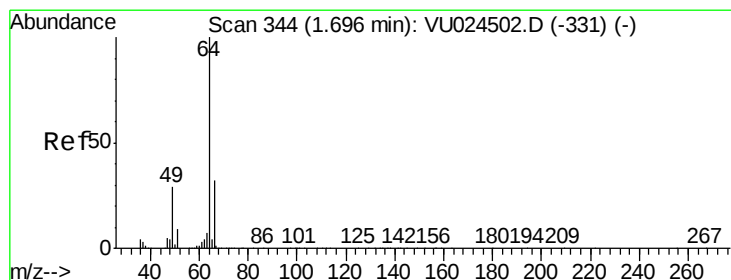
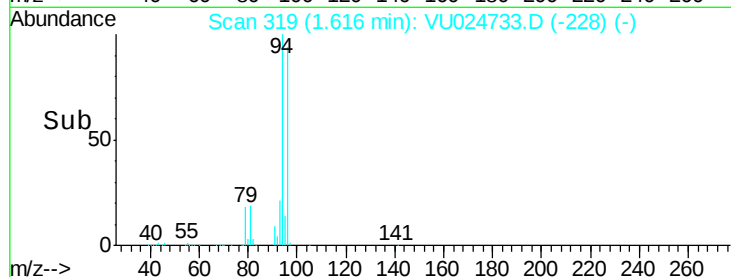
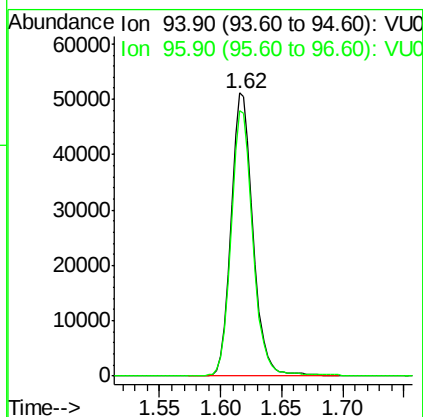
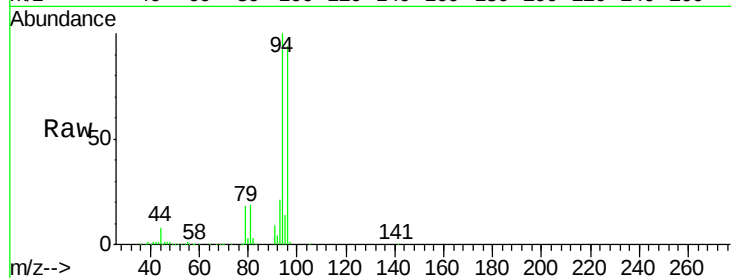
Ion Ratio Lower Upper

94 100

96 93.7 74.5 111.7

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 55.46 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024733.D

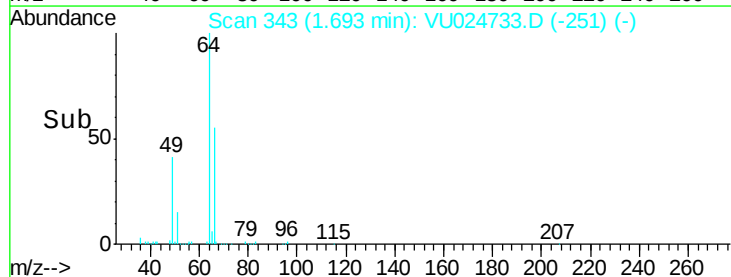
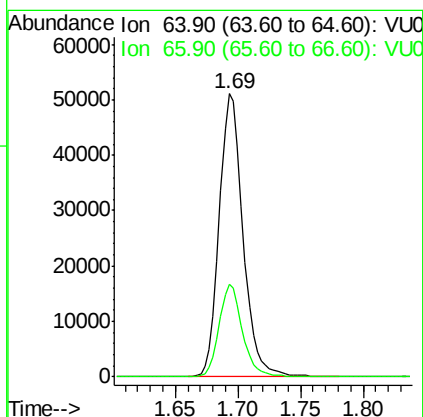
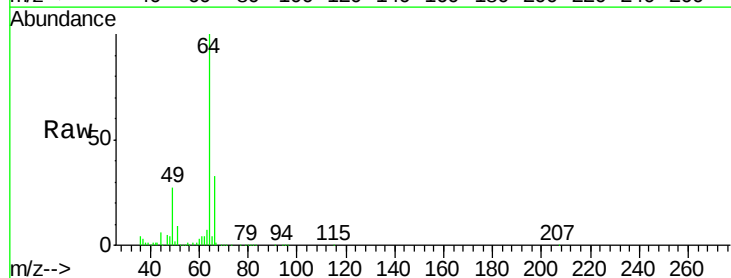
Acq: 19 Jun 2018 09:10

Tgt Ion: 64 Resp: 66600

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3





#7

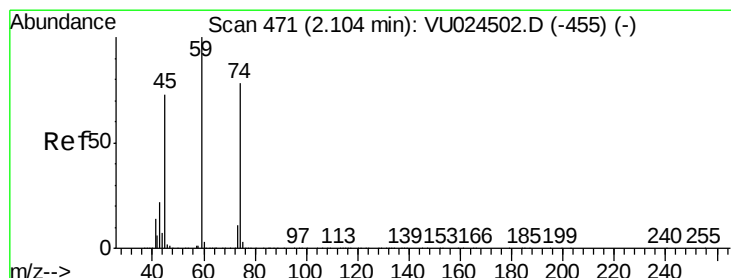
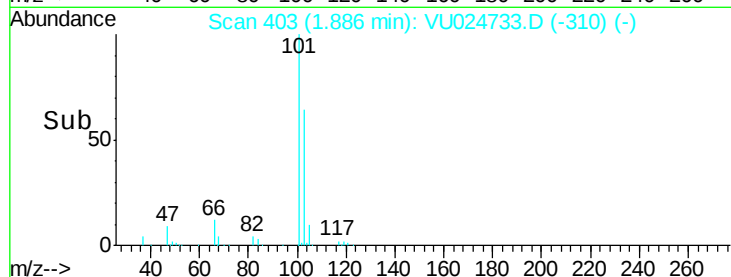
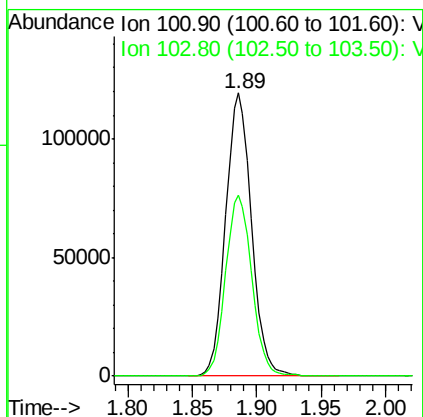
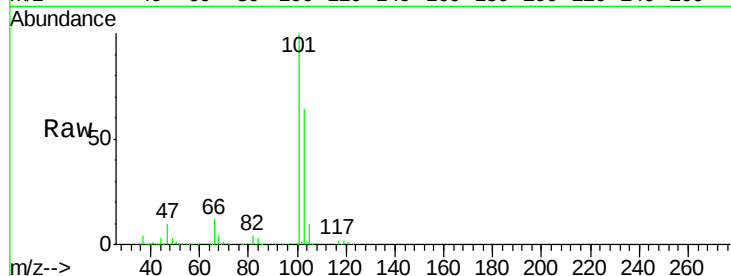
Trichlorofluoromethane
Concen: 50.47 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.3	78.5

Manual Integrations
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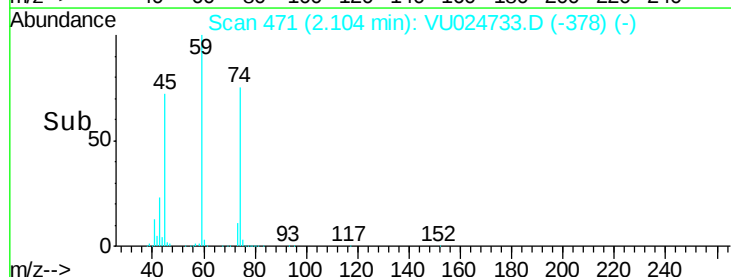
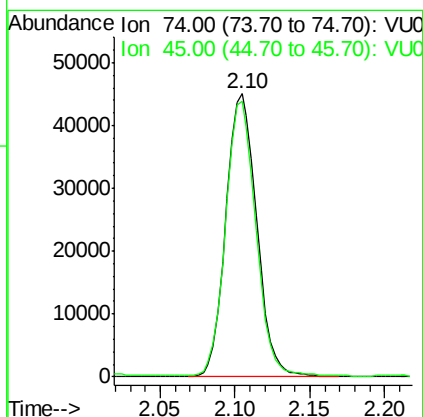
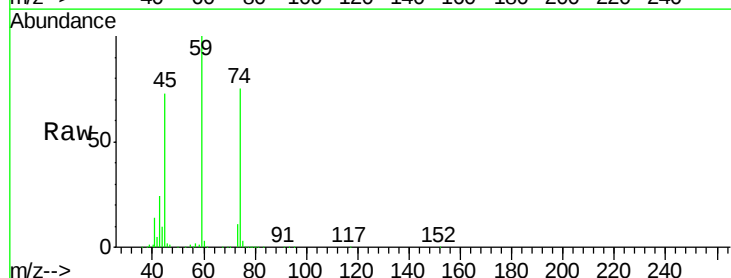
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#8

Diethyl Ether
Concen: 58.19 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.09 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

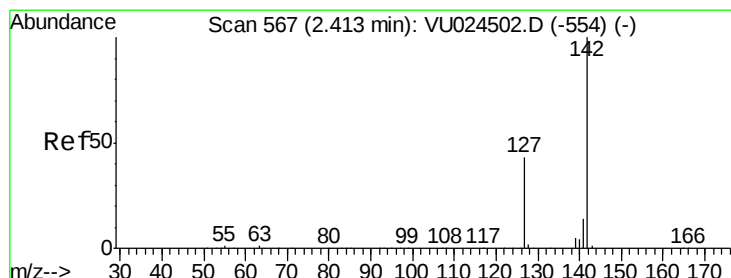
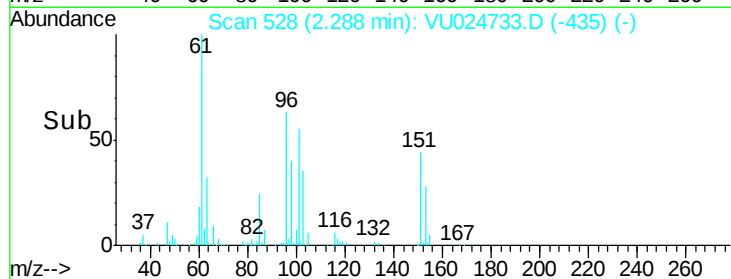
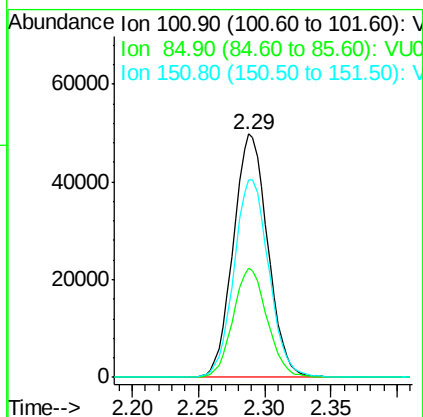
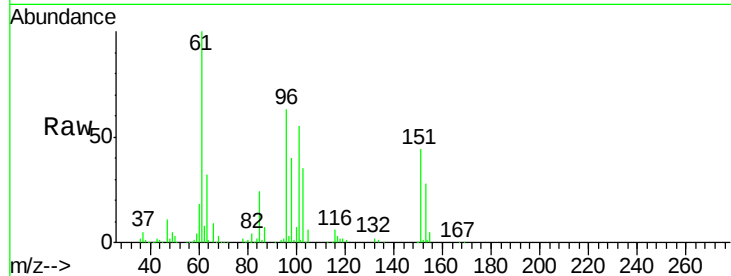
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	89901
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.0	54.0
151	82.3	62.3	93.5

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#10

Methyl Iodide

Concen: 54.85 ug/l

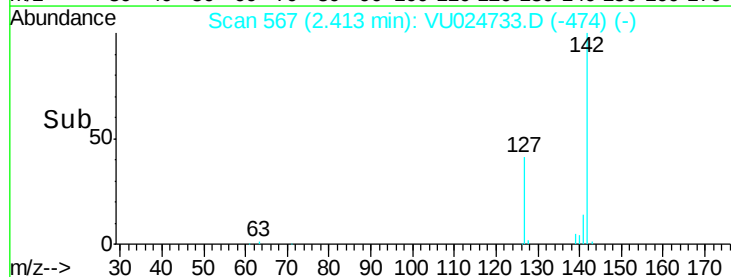
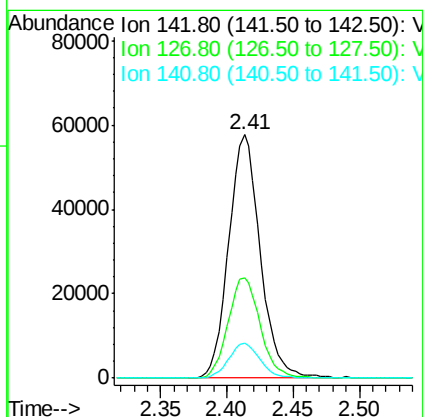
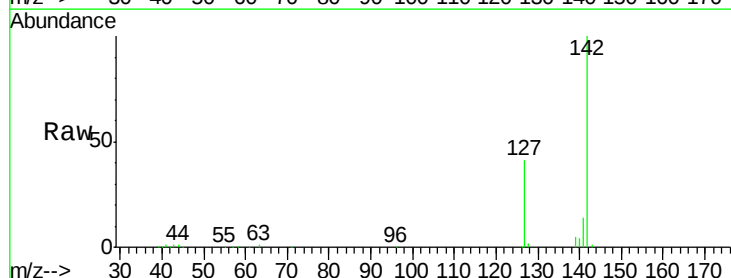
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Tgt Ion:	142	Resp:	95636
Ion Ratio	Lower	Upper	
142	100		
127	41.9	35.6	53.4
141	14.2	11.7	17.5





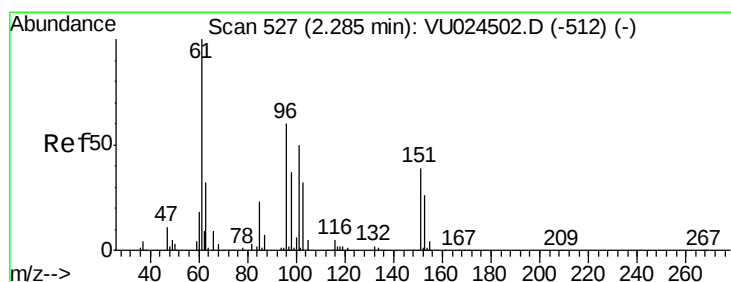
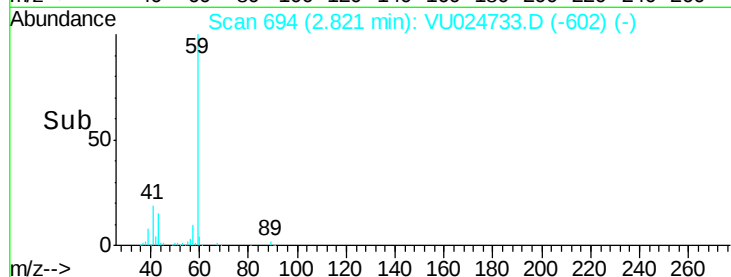
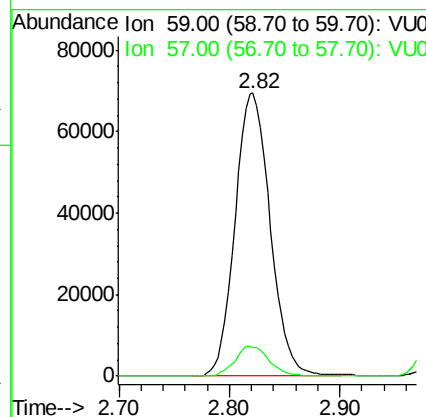
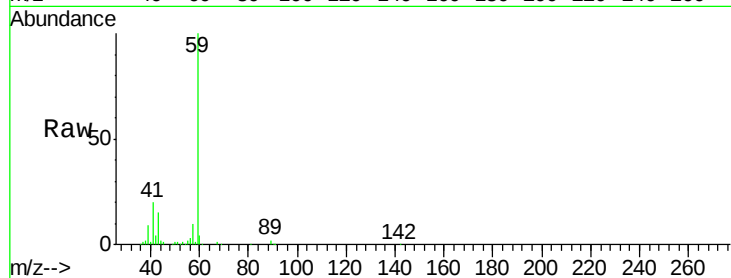
#11
Tert butyl alcohol
Concen: 236.23 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

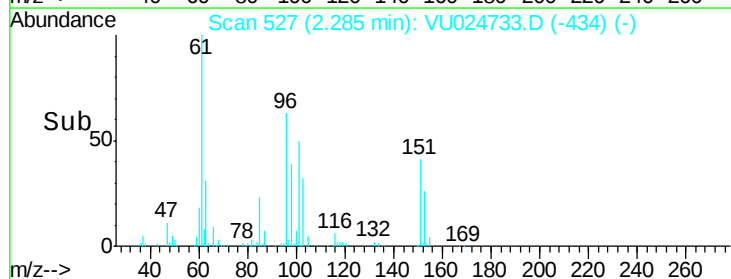
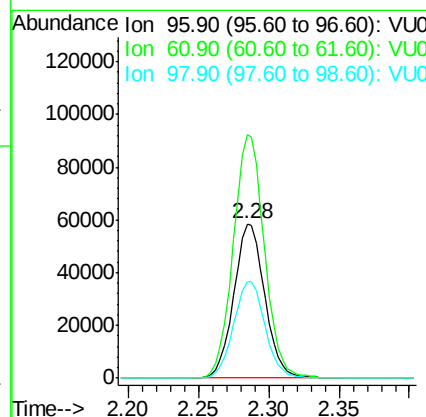
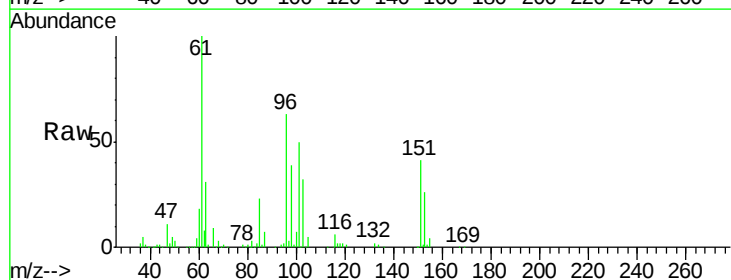
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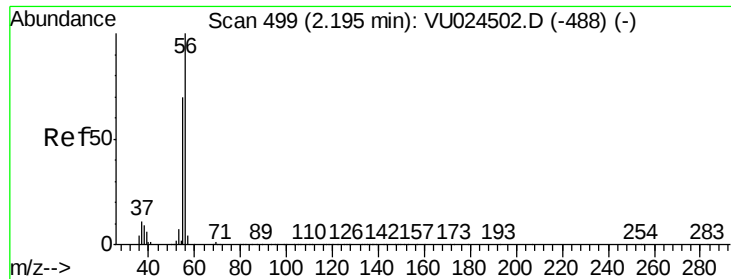
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.30 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.8	141.7	212.5
98	62.3	51.6	77.4





#13

Acrolein

Concen: 11.34 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 3860

Ion Ratio Lower Upper

56 100

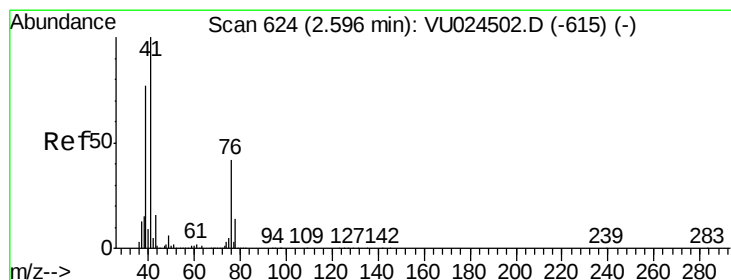
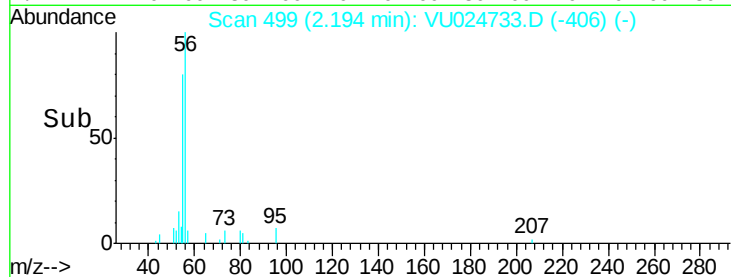
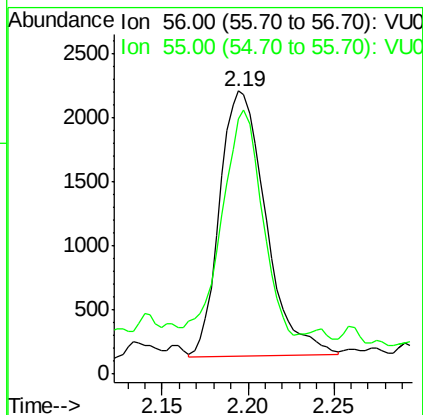
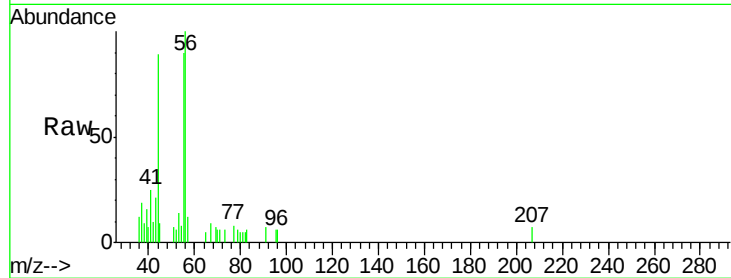
55 71.1 58.4 87.6

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#14

Allyl chloride

Concen: 37.56 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

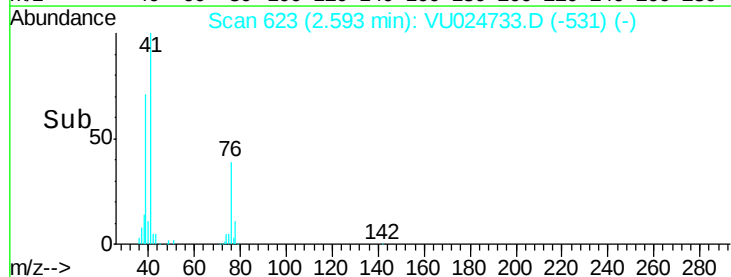
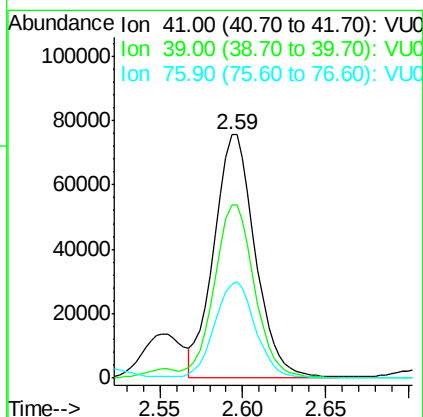
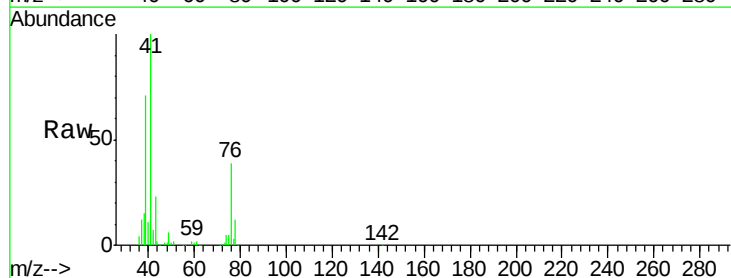
Tgt Ion: 41 Resp: 129685

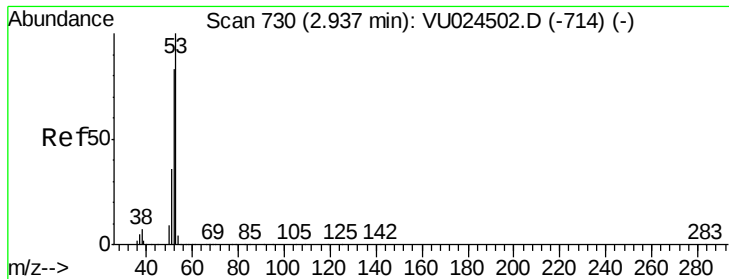
Ion Ratio Lower Upper

41 100

39 69.3 61.6 92.4

76 38.9 29.7 44.5





#15

Acrylonitrile

Concen: 270.47 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

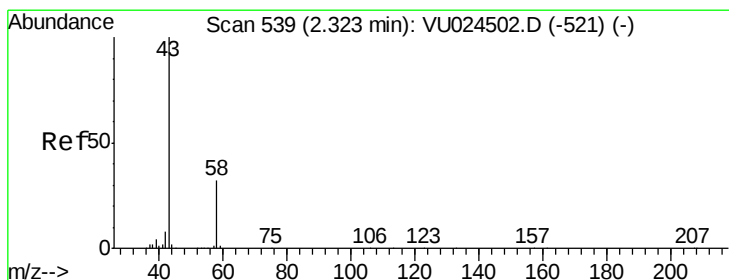
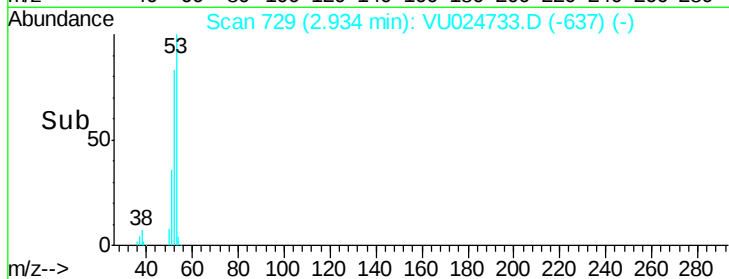
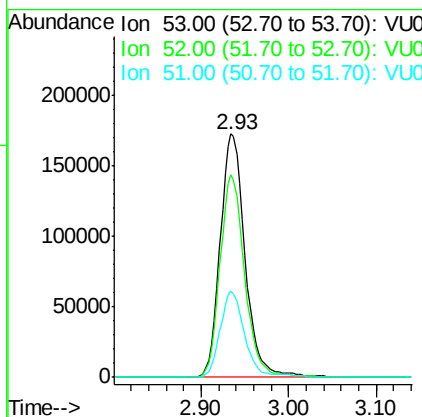
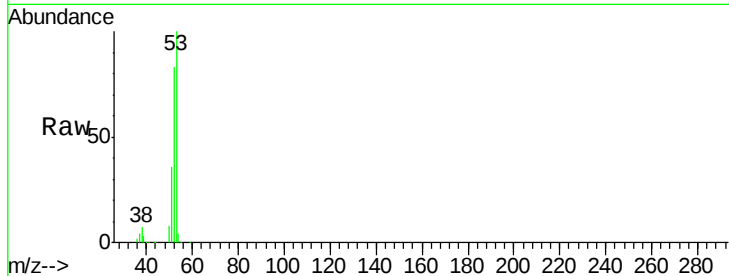
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	341199
Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.1	100.7
51	35.5	28.4	42.6

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#16

Acetone

Concen: 205.88 ug/l

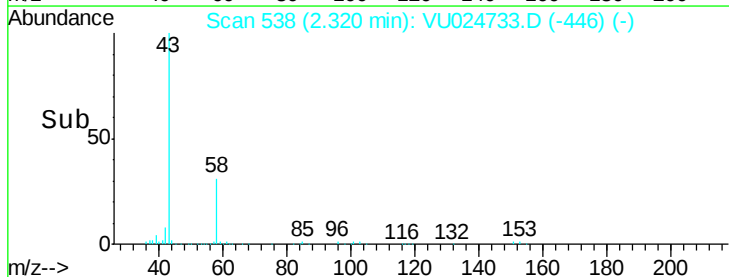
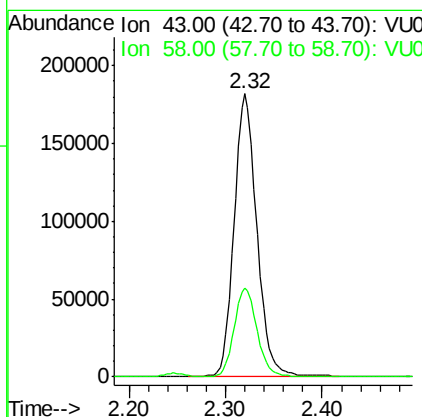
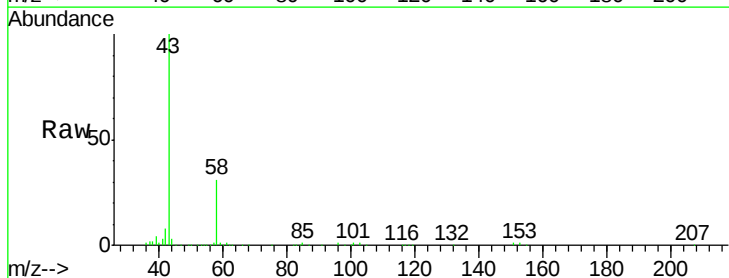
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Tgt Ion:	43	Resp:	294906
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.4	36.6





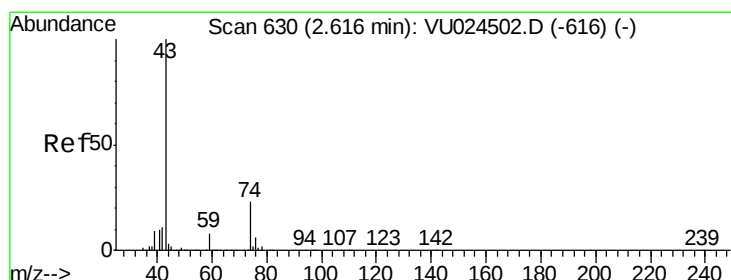
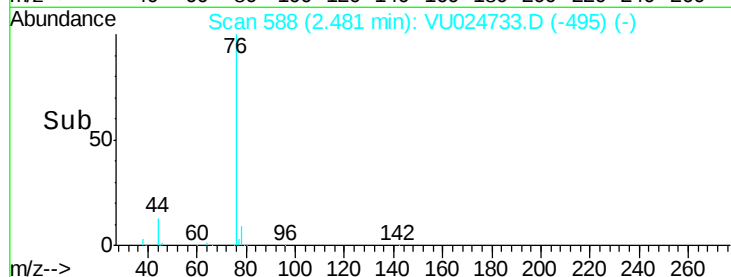
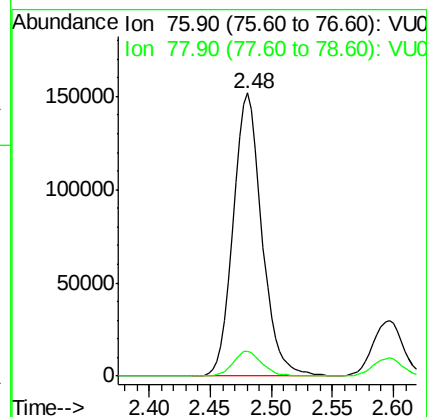
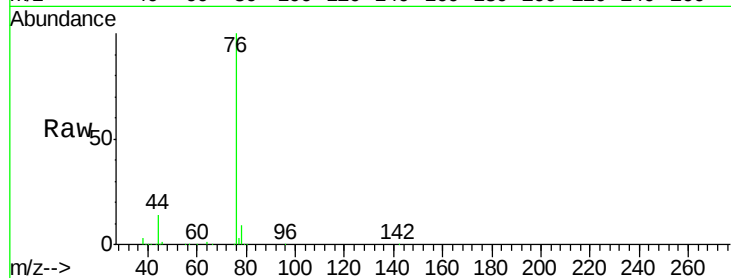
#17
Carbon Disulfide
Concen: 42.06 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

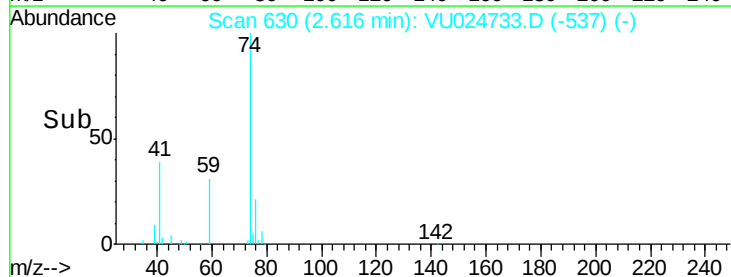
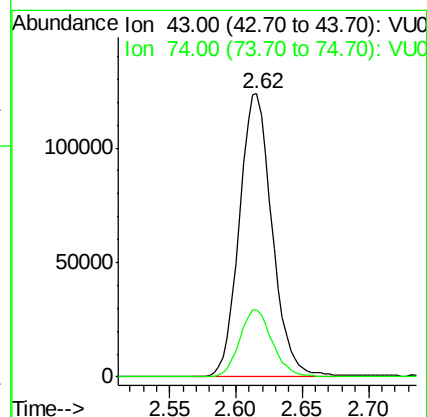
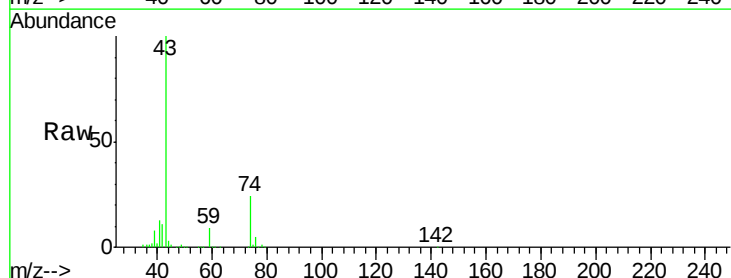
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#18
Methyl Acetate
Concen: 68.97 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.0	27.0





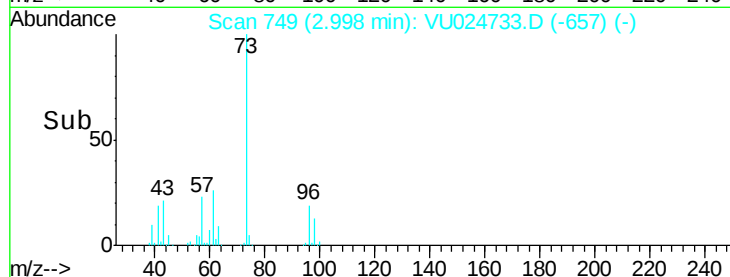
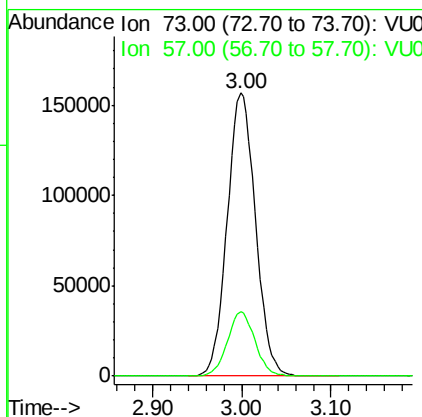
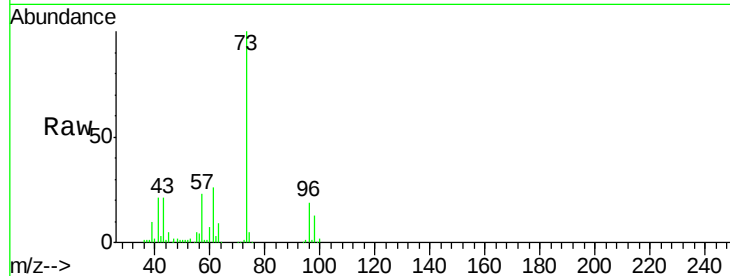
#19
Methvl tert-butvl Ether
Concen: 49.28 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.8	28.2

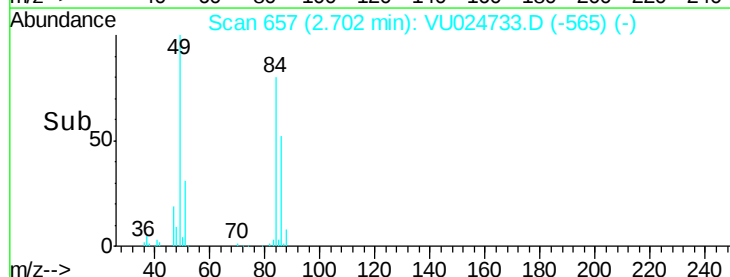
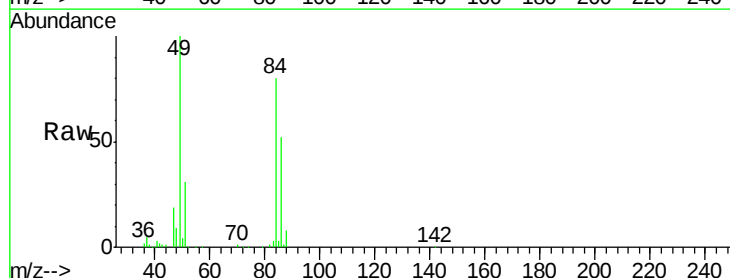
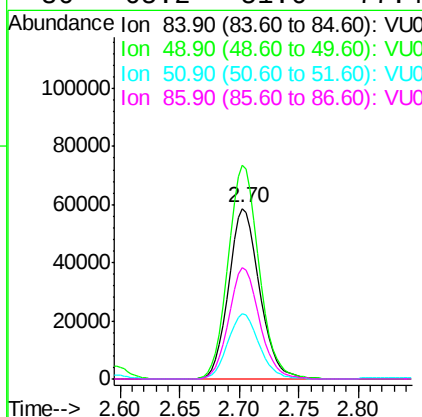
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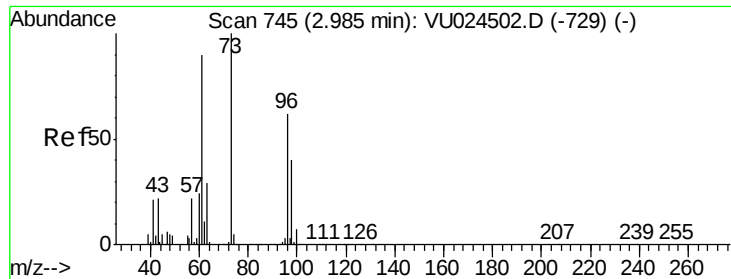
MMDadoda
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#20
Methylene Chloride
Concen: 47.17 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.2	103.8	155.8
51	38.2	32.0	48.0
86	65.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 46.74 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

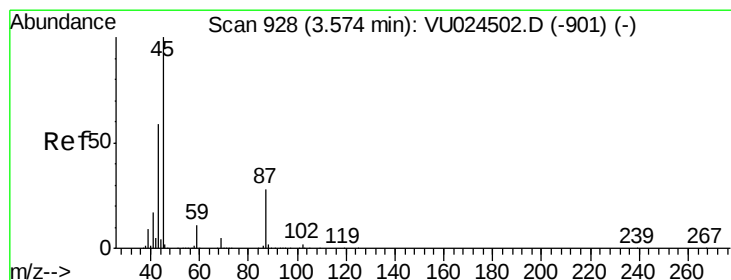
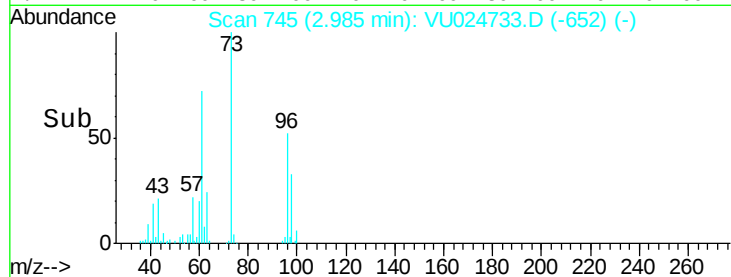
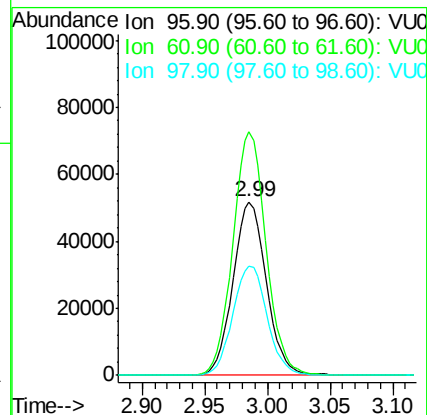
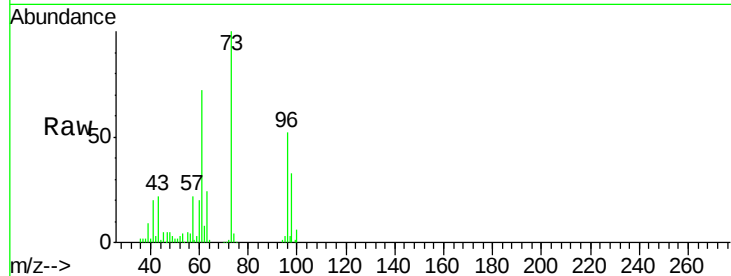
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	95727
Ion Ratio	Lower	Upper	
96	100		
61	140.1	119.4	179.0
98	63.0	51.1	76.7

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#22

Diisopropyl ether

Concen: 50.40 ug/l

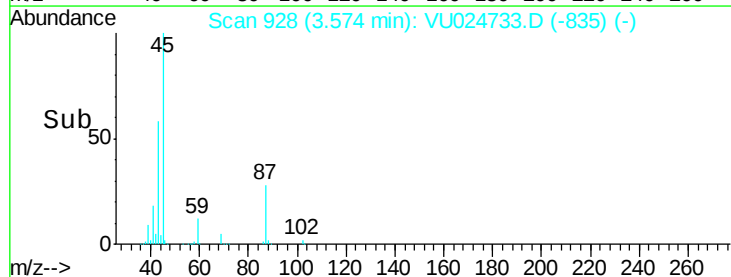
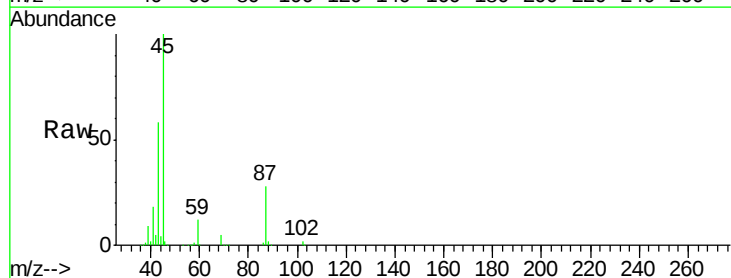
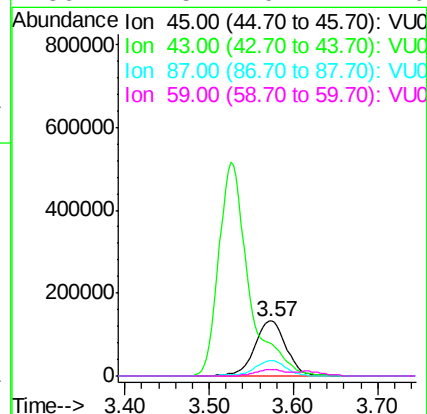
RT: 3.57 min Scan# 928

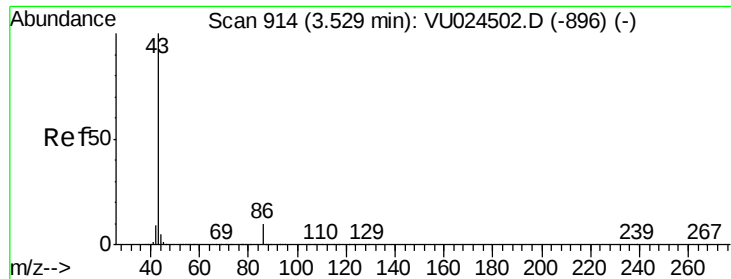
Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Tgt Ion:	45	Resp:	344967
Ion Ratio	Lower	Upper	
45	100		
43	57.2	45.8	68.6
87	28.2	20.6	31.0
59	11.5	9.4	14.0





#23

Vinyl Acetate

Concen: 208.81 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1280169

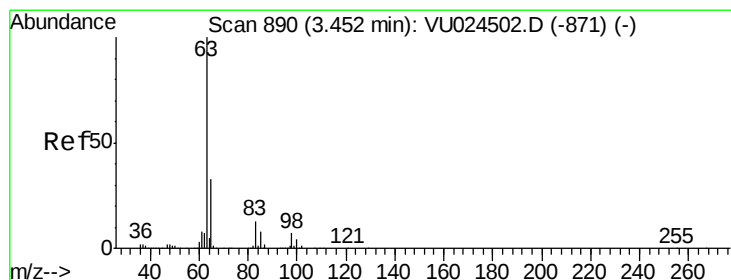
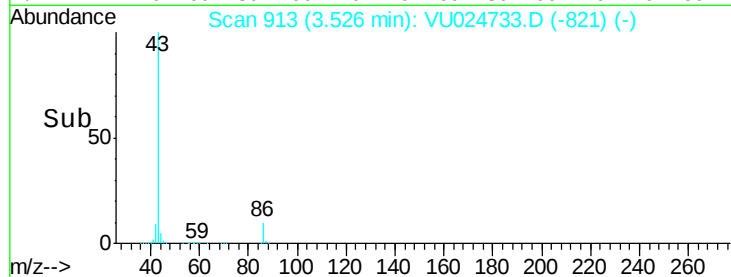
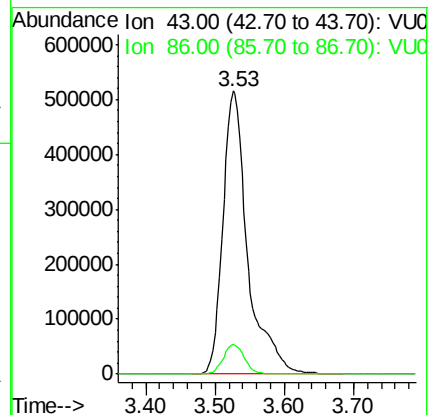
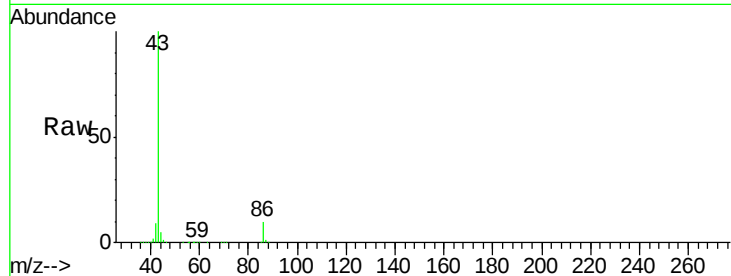
Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 48.74 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

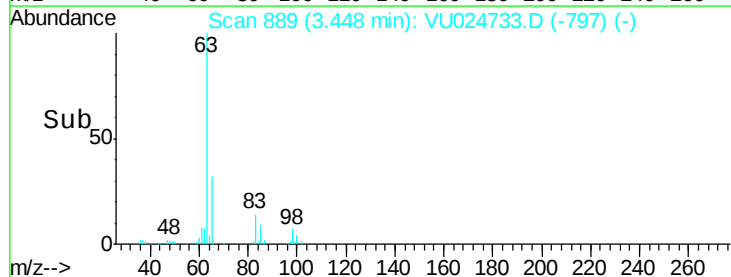
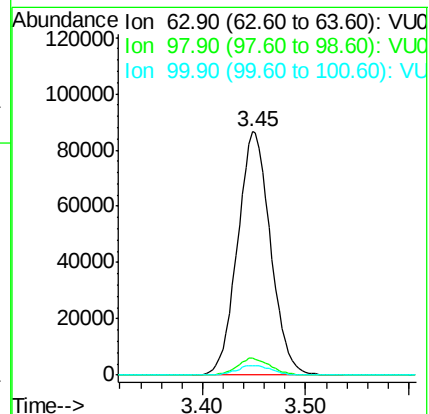
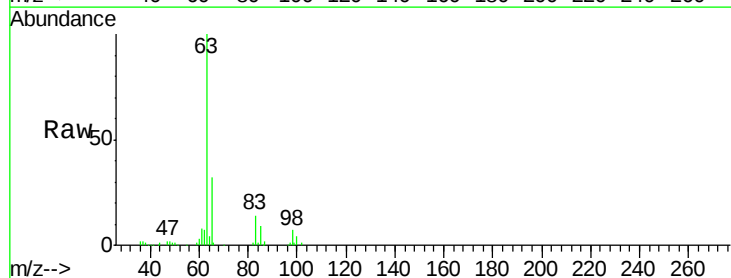
Tgt Ion: 63 Resp: 191910

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 3.9 1.8 5.5





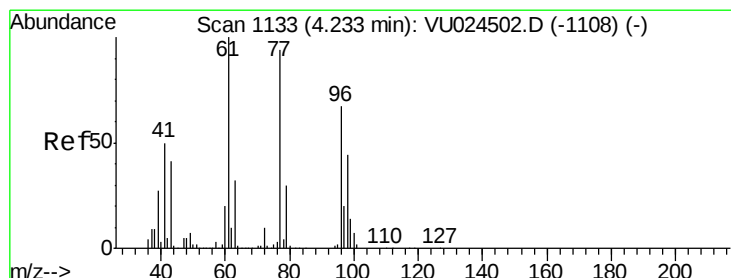
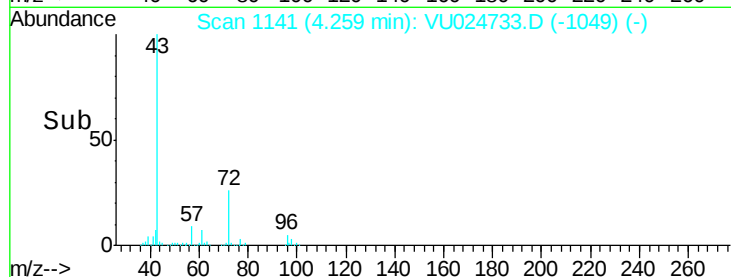
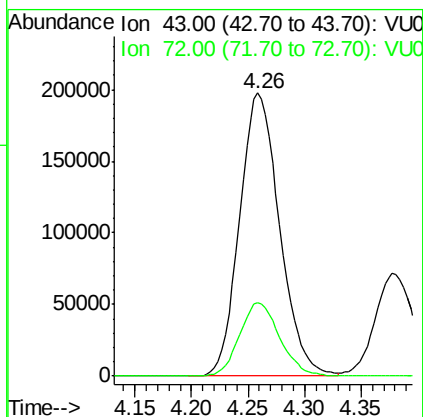
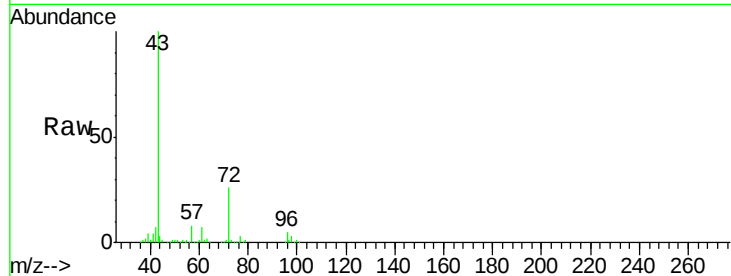
#25
2-Butanone
Concen: 251.99 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 484825
Ion Ratio Lower Upper
43 100
72 26.1 19.6 29.4

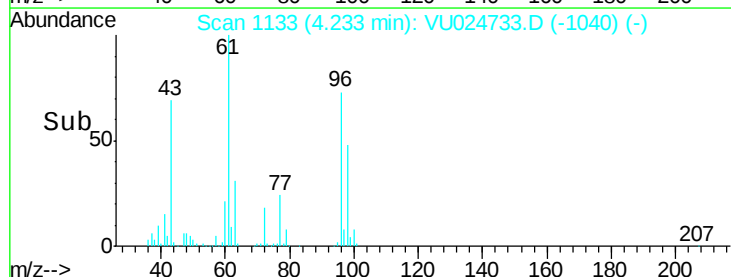
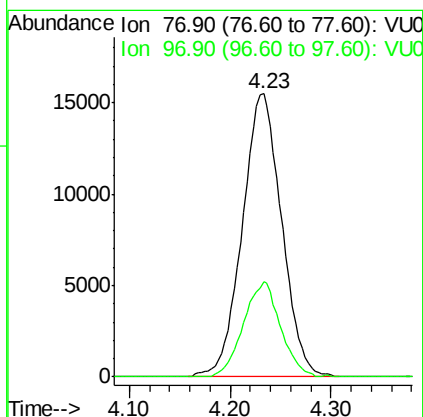
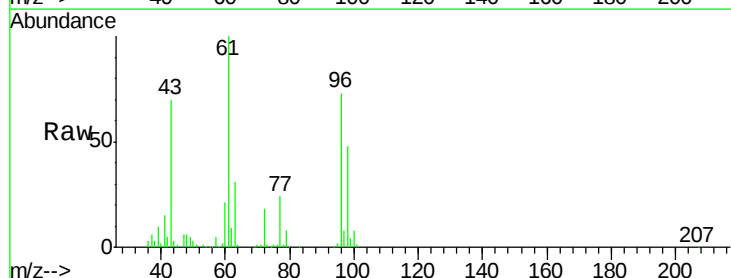
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#26
2,2-Dichloropropane
Concen: 11.19 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion: 77 Resp: 41841
Ion Ratio Lower Upper
77 100
97 31.5 11.3 33.8





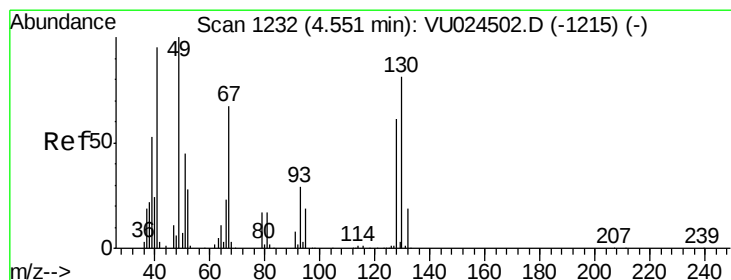
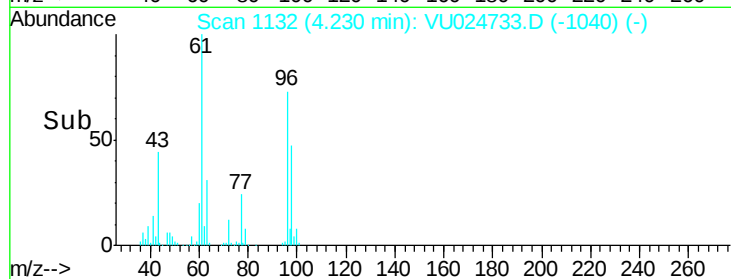
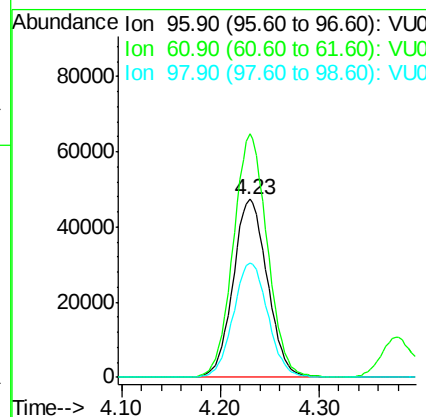
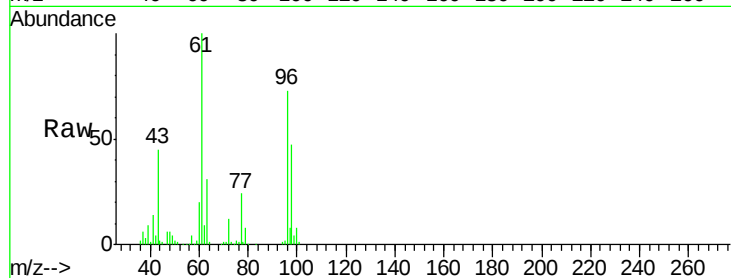
#27
 cis-1,2-Dichloroethene
 Concen: 48.66 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	306.6
98	64.9	0.0	128.8

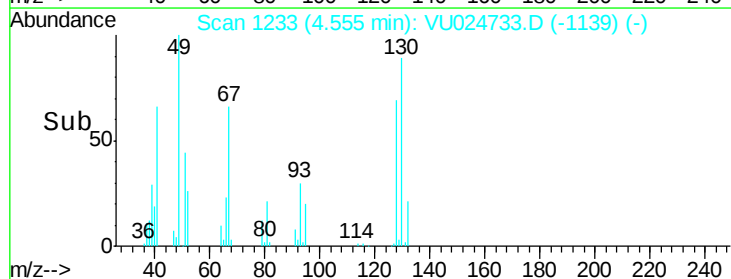
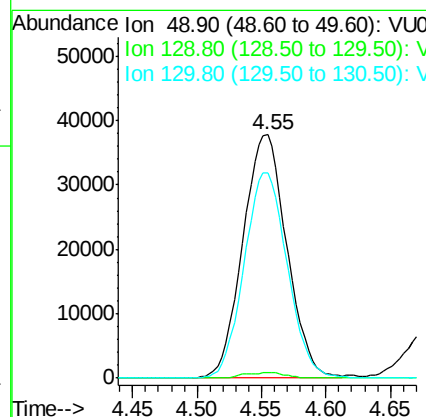
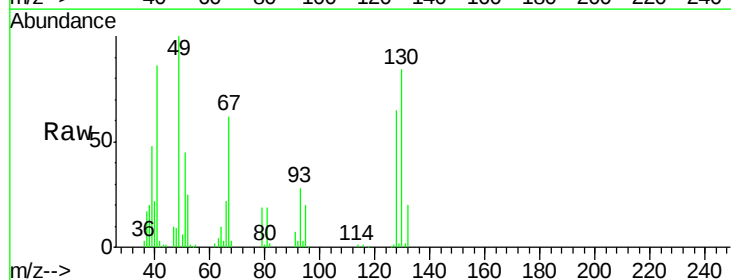
Manual Integrations
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#28
 Bromochloromethane
 Concen: 51.77 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	83.0	57.8	86.6





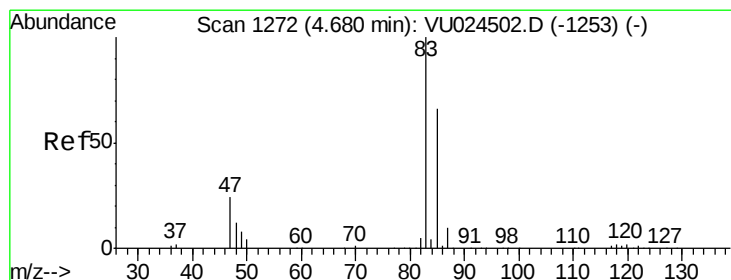
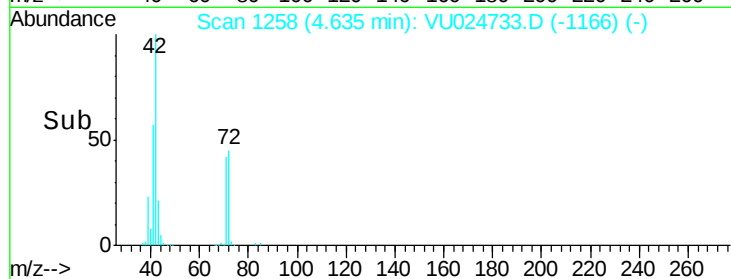
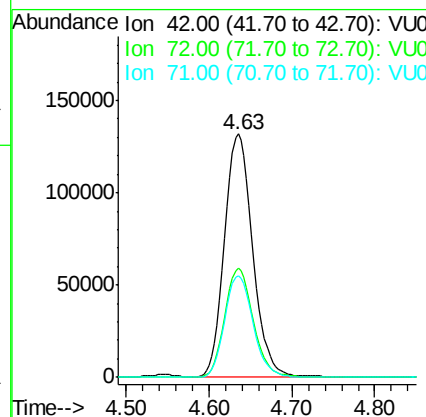
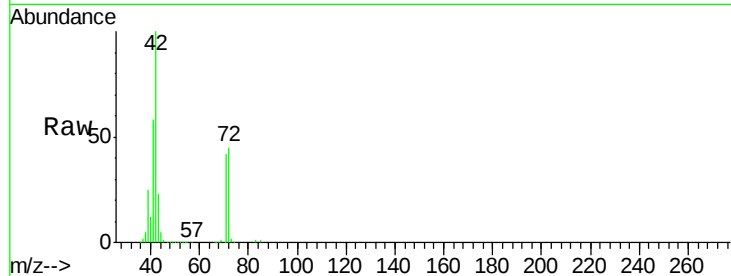
#29
Tetrahydrofuran
Concen: 260.18 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.5	51.7
71	42.3	32.2	48.4

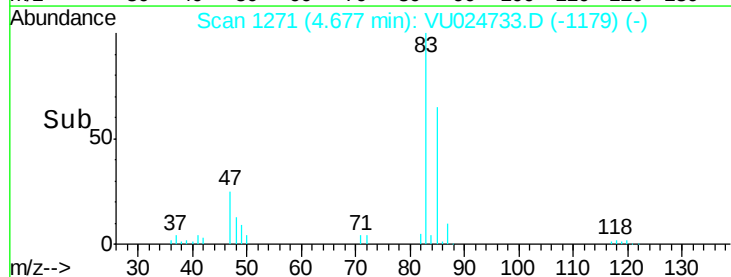
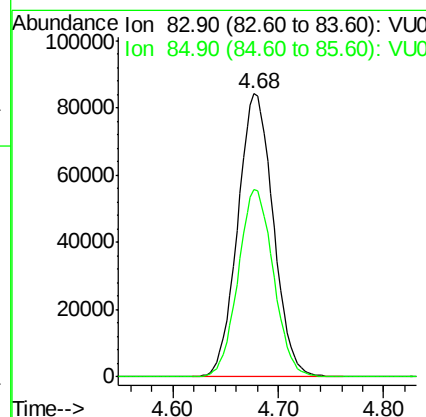
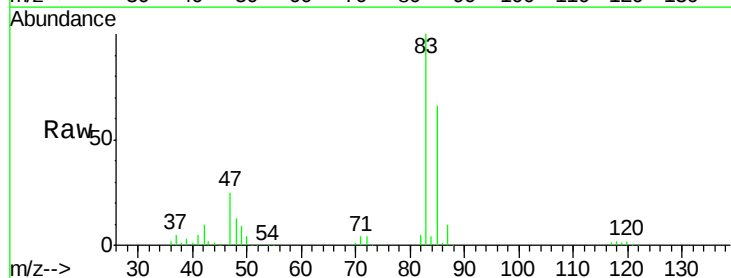
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#30
Chloroform
Concen: 49.55 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.4	78.6





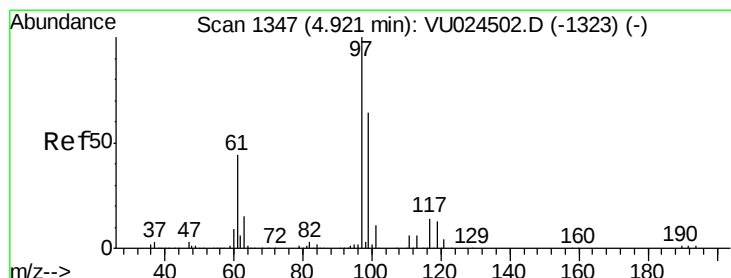
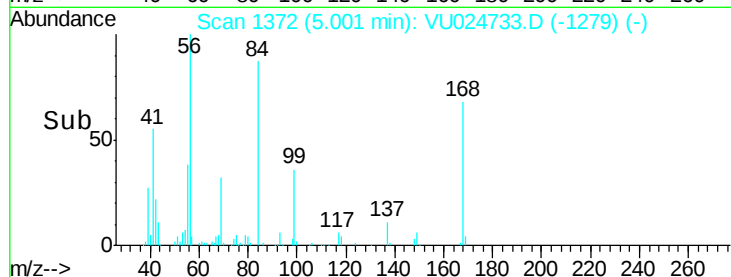
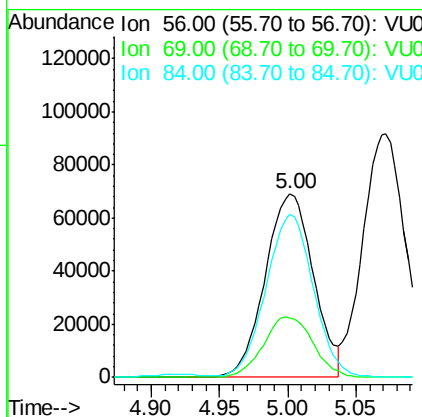
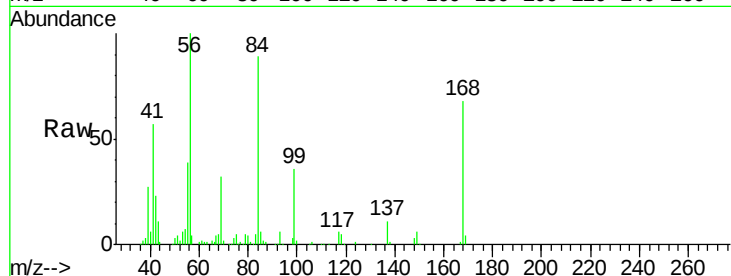
#31
Cyclohexane
Concen: 48.57 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.8	37.2
84	87.1	65.2	97.8

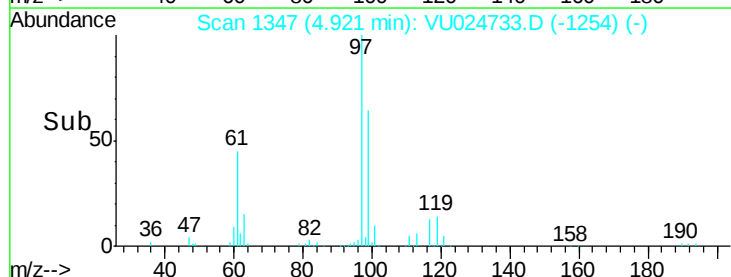
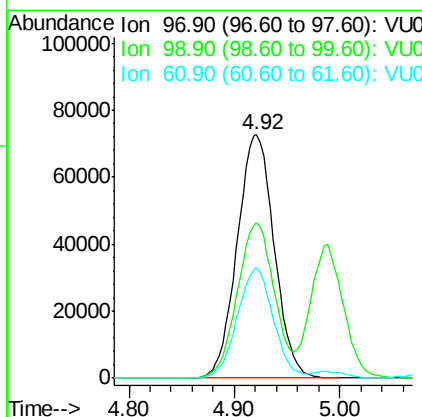
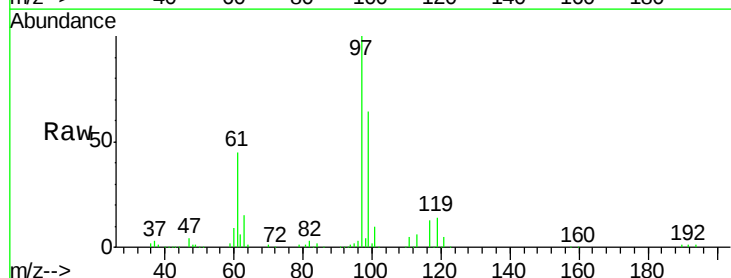
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#32
1,1,1-Trichloroethane
Concen: 48.08 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.6
61	44.0	39.4	59.0





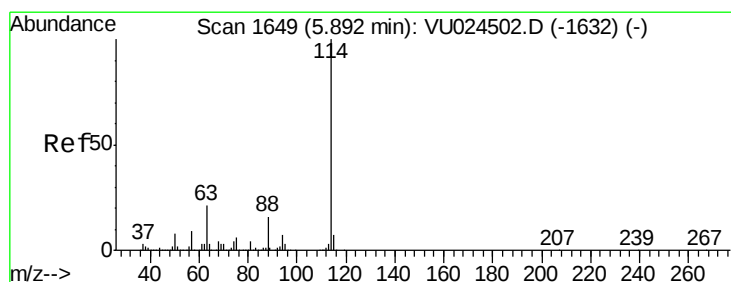
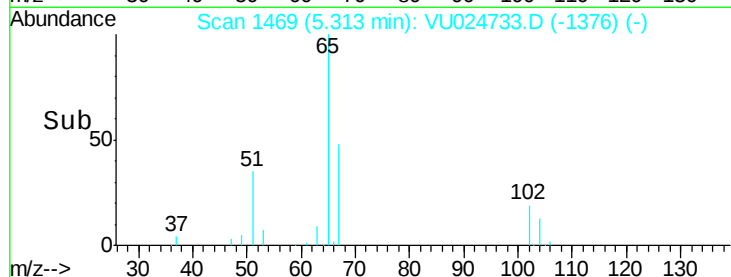
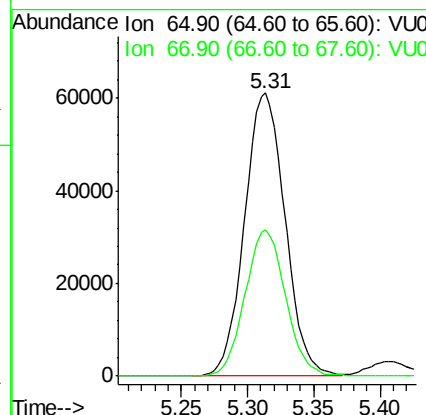
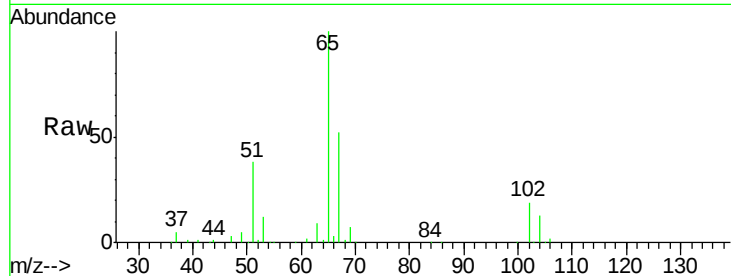
#33
 1,2-Dichloroethane-d4
 Concen: 48.79 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.0

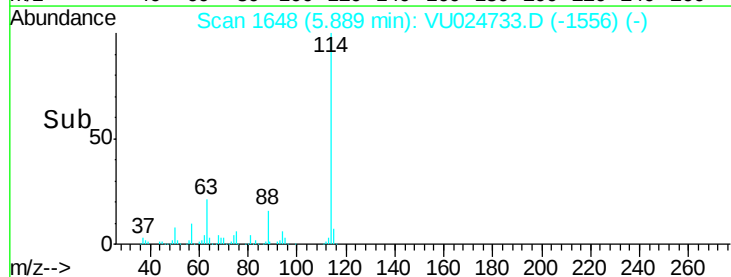
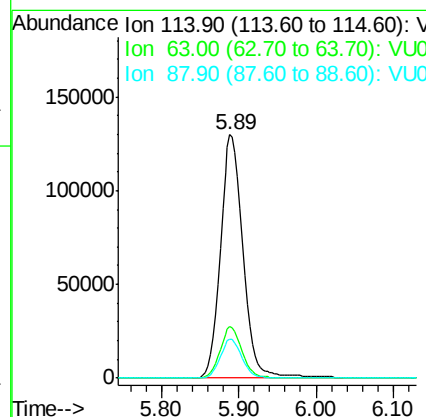
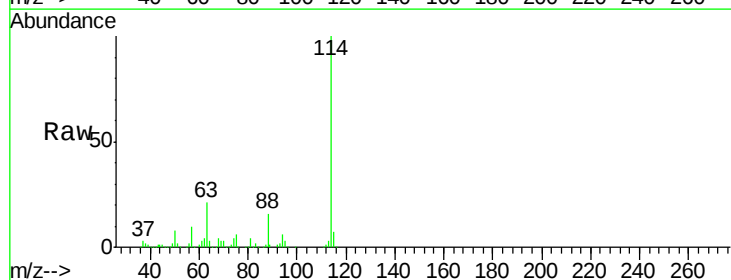
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	45.4
88	16.1	0.0	31.0





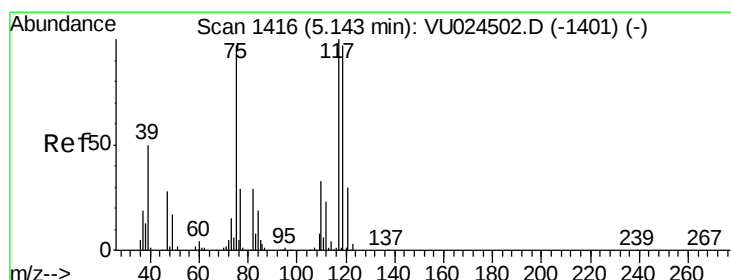
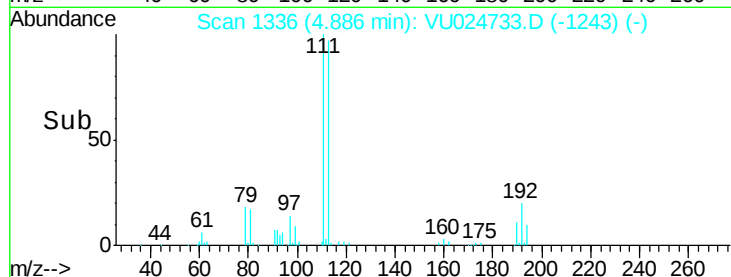
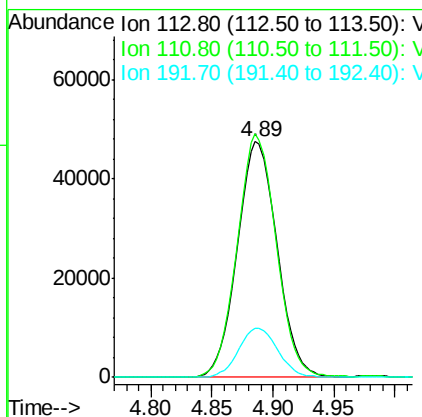
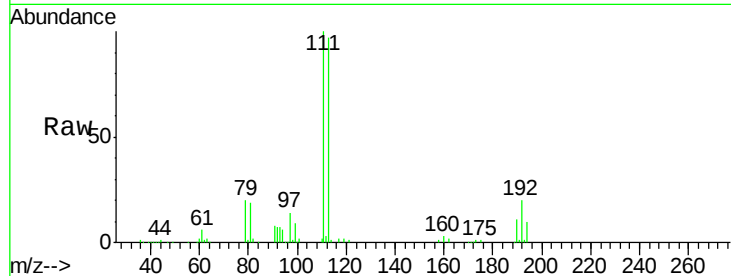
#35
 Dibromofluoromethane
 Concen: 48.36 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107220		
111	101.2	82.2	123.4	
192	20.6	16.2	24.4	

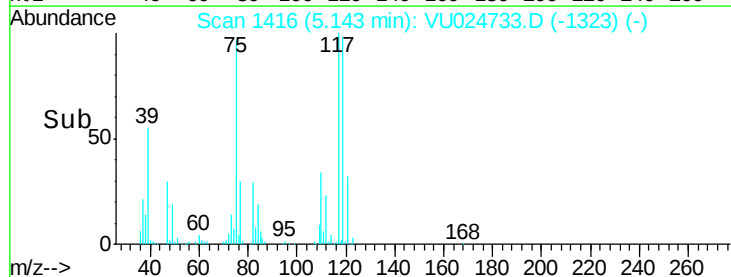
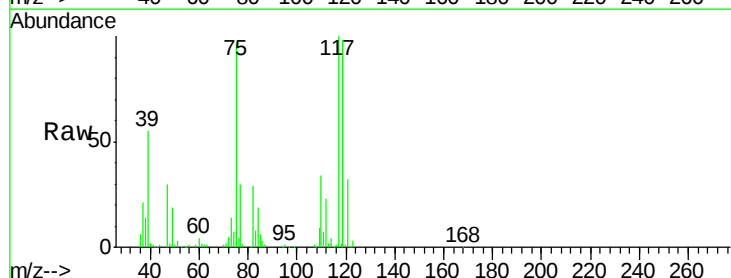
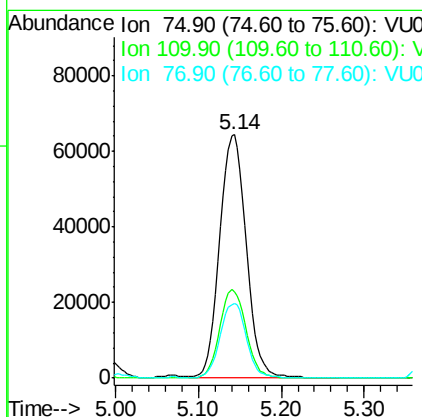
Manual Integrations
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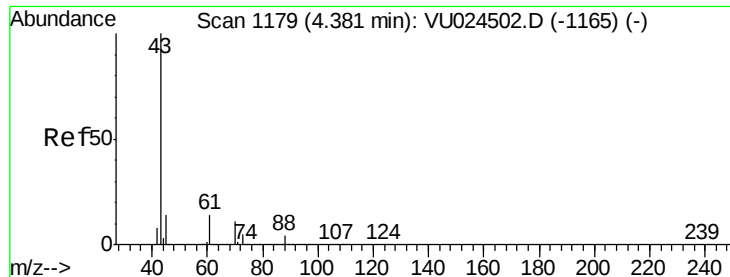
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#36
 1,1-Dichloropropene
 Concen: 45.55 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142971		
110	36.1	17.0	50.9	
77	29.6	24.2	36.4	





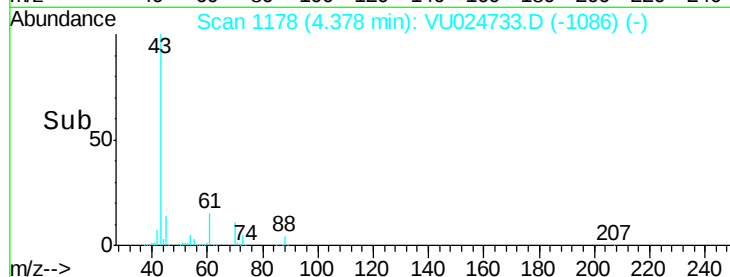
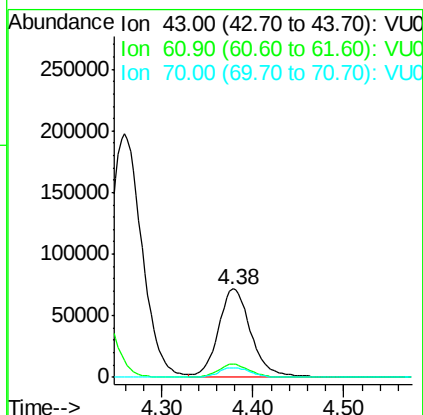
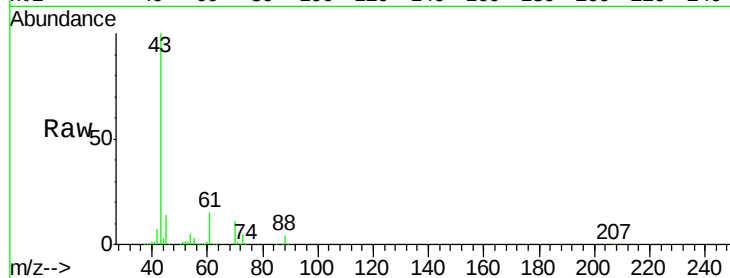
#37
Ethyl Acetate
Concen: 51.42 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.5	15.7
70	10.7	7.4	11.2

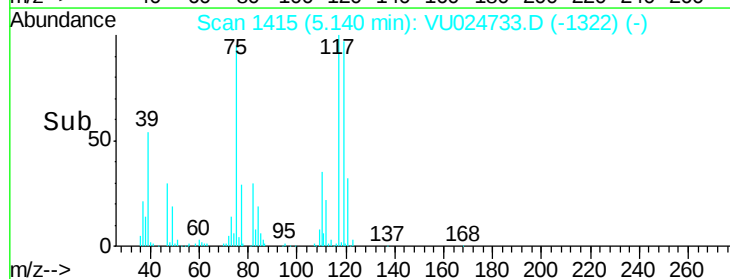
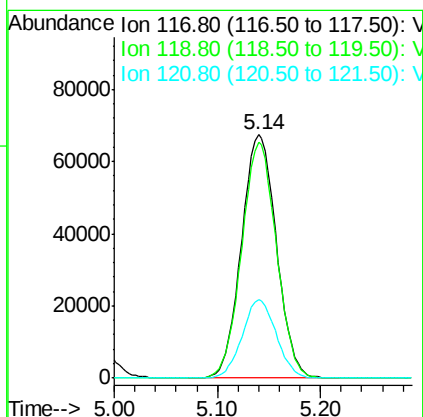
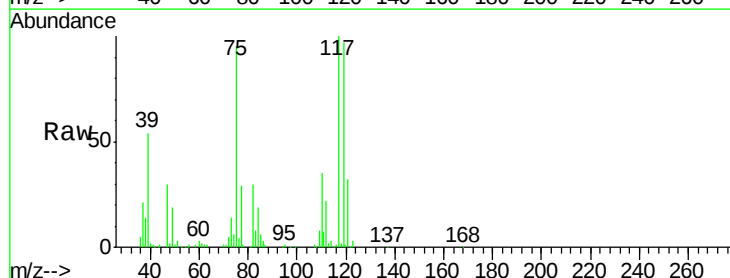
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 46.05 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.1	114.1
121	32.3	23.7	35.5





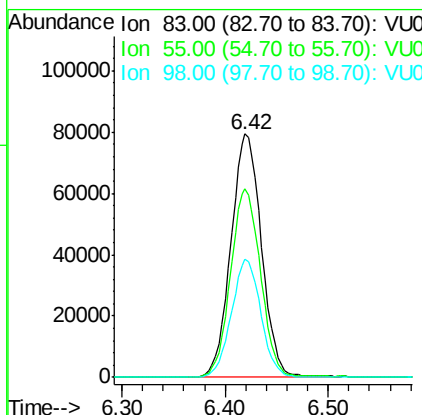
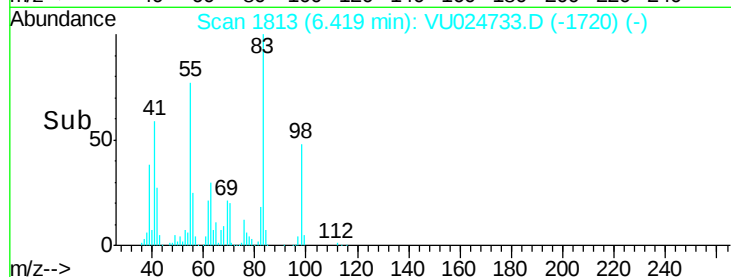
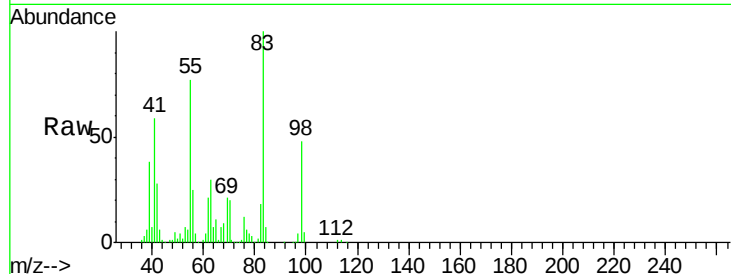
#39
Methvlcvclohexane
Concen: 41.92 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	65.8	98.6
98	48.5	36.7	55.1

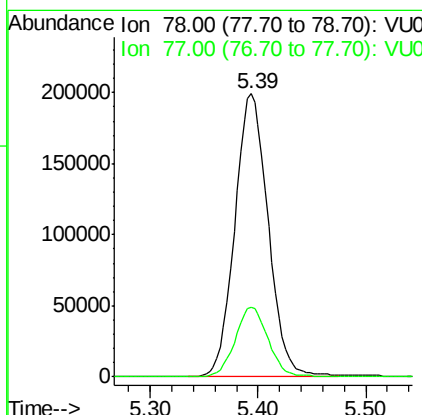
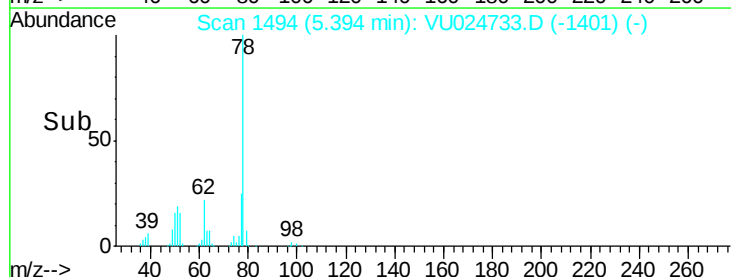
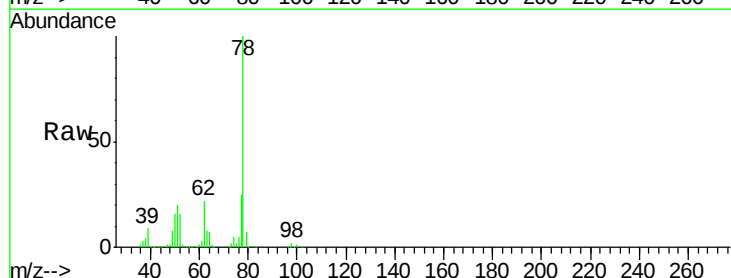
Manual Integrations
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#40
Benzene
Concen: 48.05 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.2	28.8





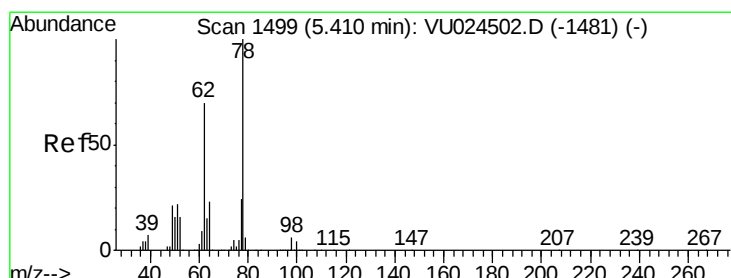
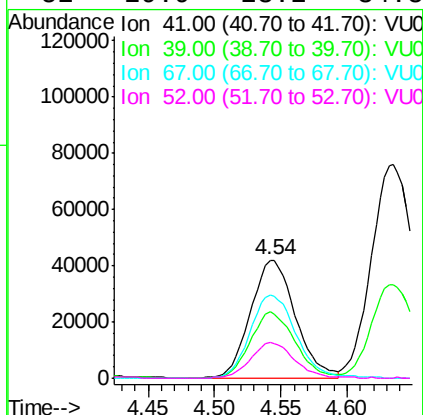
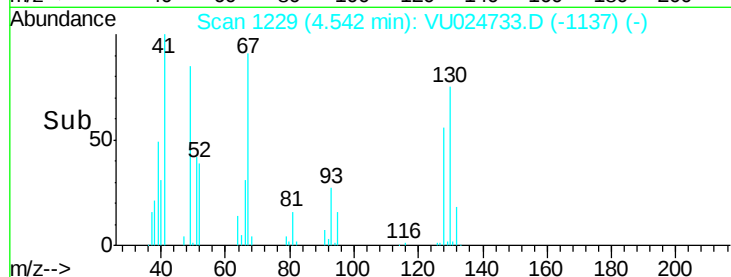
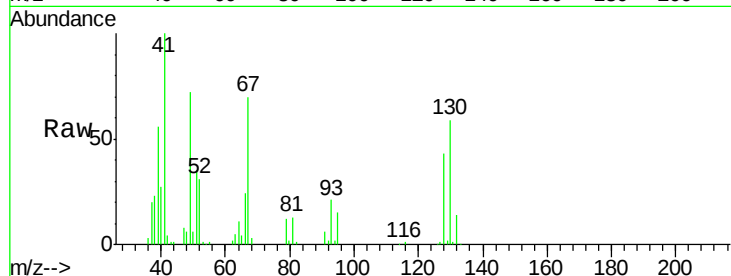
#41
Methacrylonitrile
Concen: 53.51 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.4	43.8	65.6
67	73.2	56.3	84.5
52	29.9	23.2	34.8

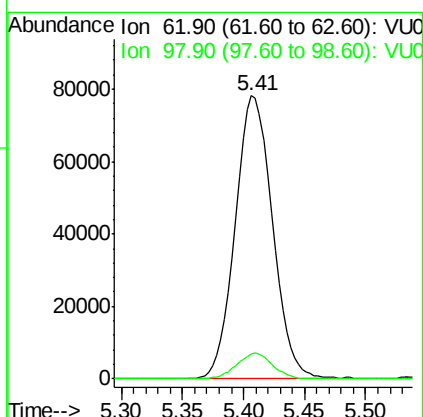
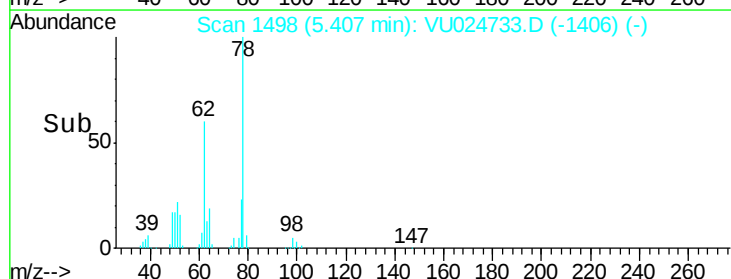
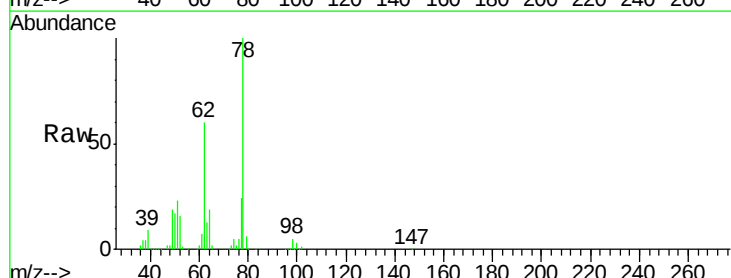
Manual Integrations
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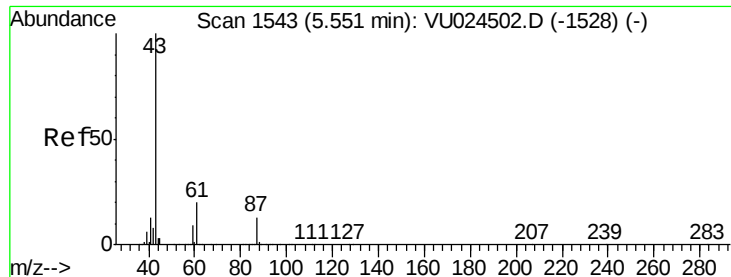
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#42
1,2-Dichloroethane
Concen: 48.64 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





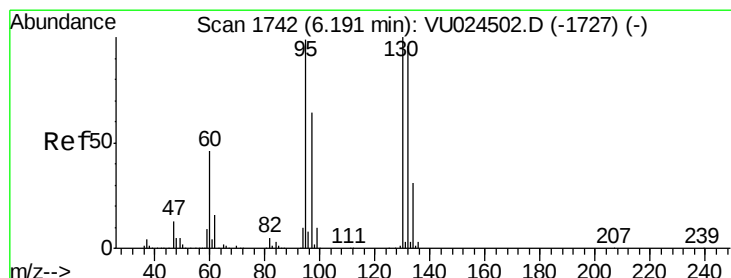
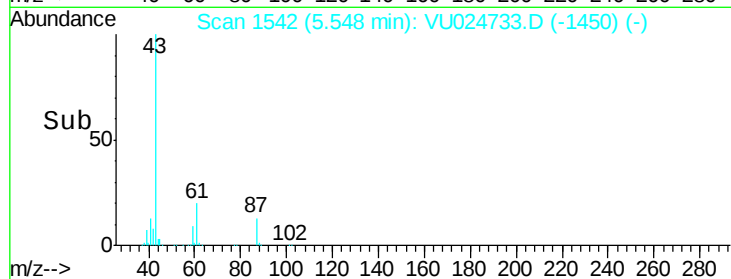
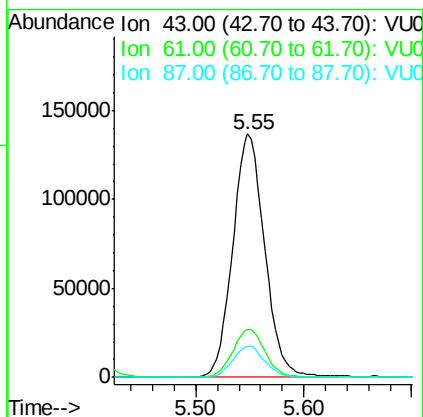
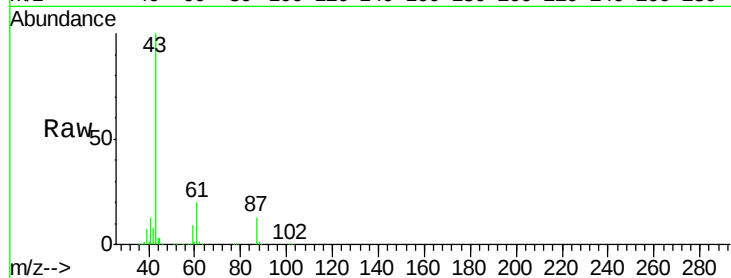
#43
Isopropyl Acetate
Concen: 47.52 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	12.9	10.0	15.0

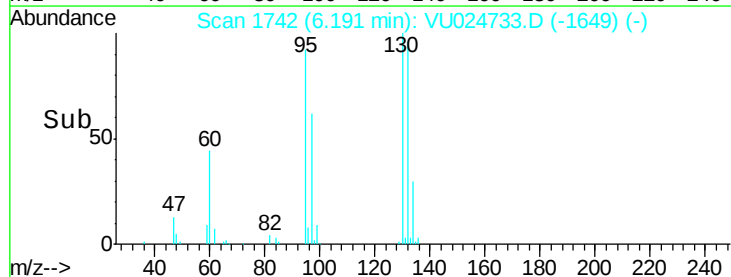
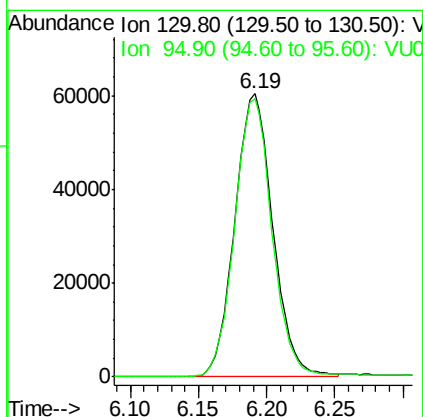
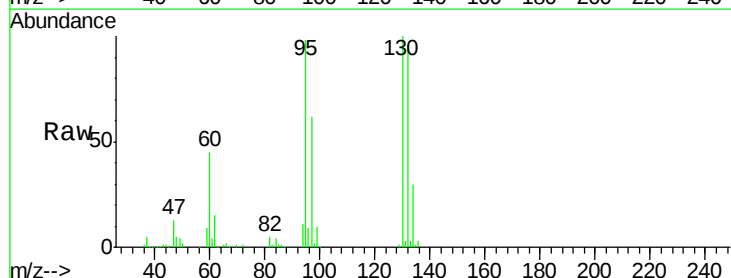
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#44
Trichloroethene
Concen: 46.08 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	202.4





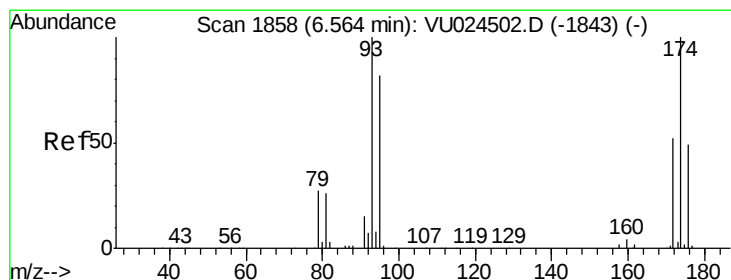
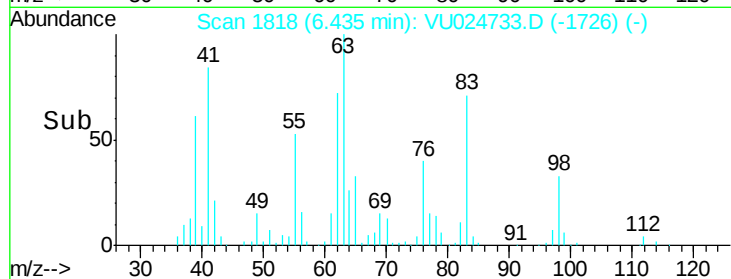
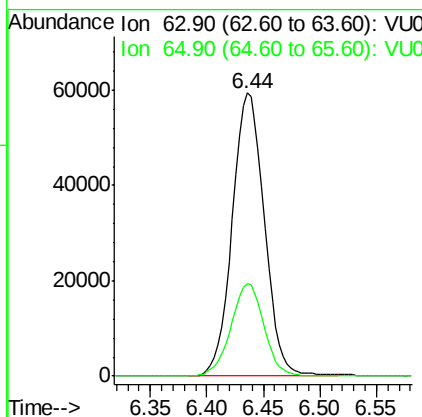
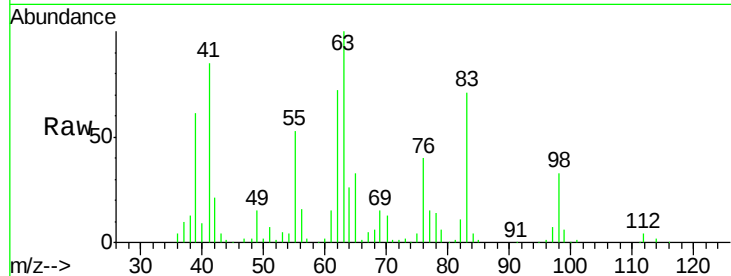
#45
 1,2-Dichloropropane
 Concen: 49.28 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 117603
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.8 37.2

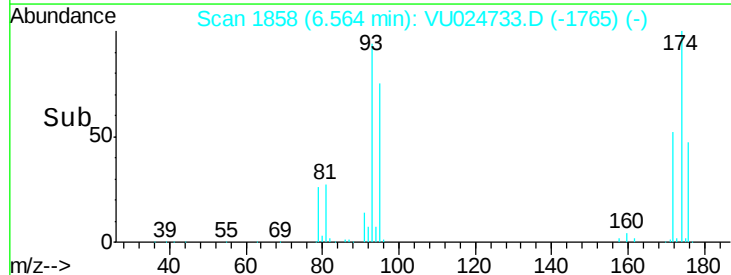
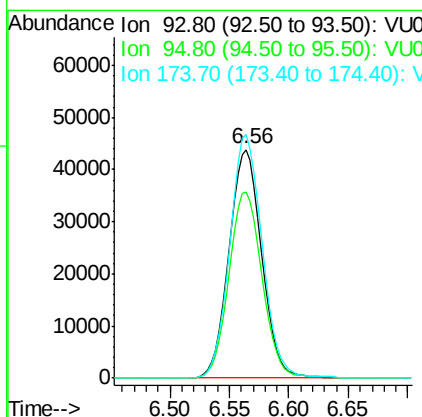
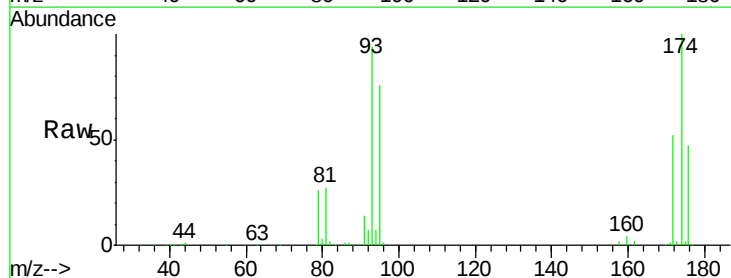
Manual Integrations
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#46
 Dibromomethane
 Concen: 49.85 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Tgt Ion: 93 Resp: 83564
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.5 98.3
 174 105.3 78.7 118.1





#47

Bromodichloromethane

Concen: 47.61 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

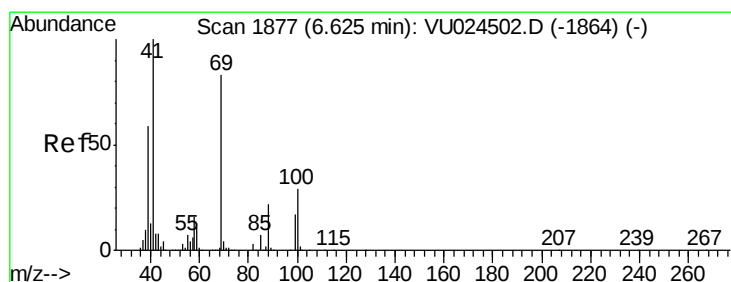
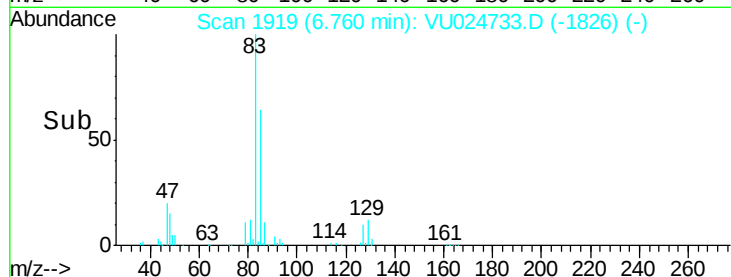
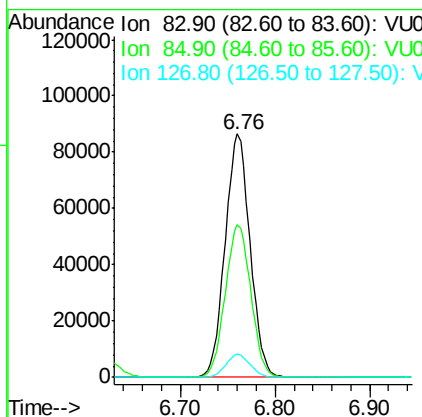
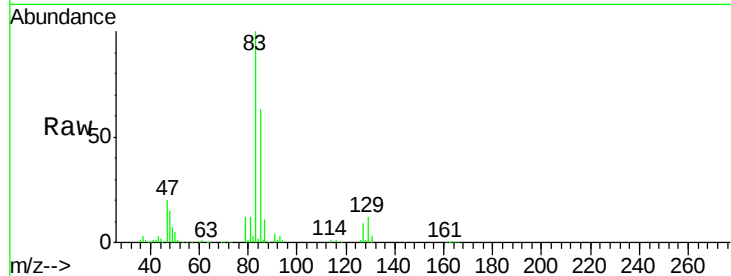
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	158914
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.9	77.9
127	9.4	6.6	9.8

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#48

Methyl methacrylate

Concen: 49.97 ug/l

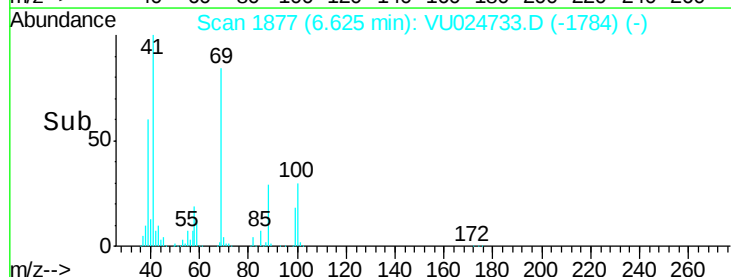
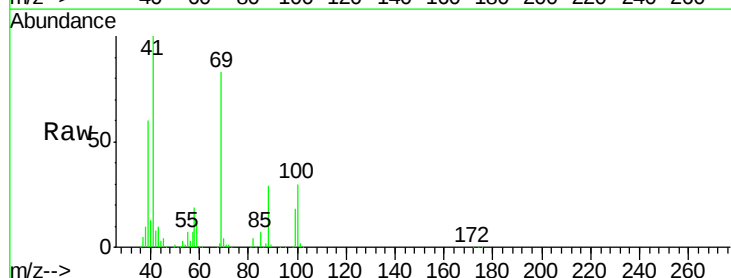
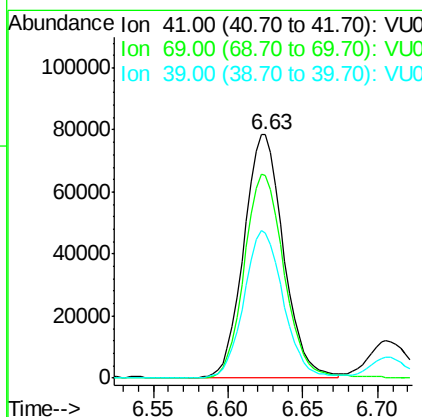
RT: 6.63 min Scan# 1877

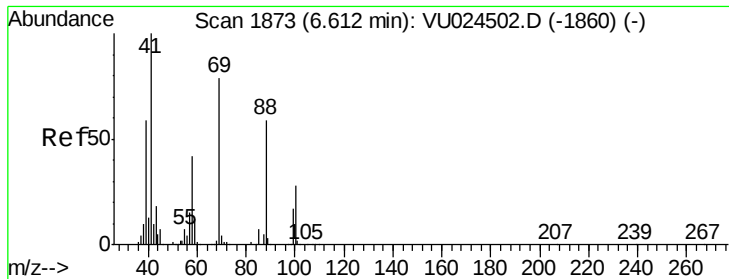
Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Tgt Ion:	41	Resp:	143882
Ion	Ratio	Lower	Upper
41	100		
69	84.9	67.3	100.9
39	60.1	46.5	69.7





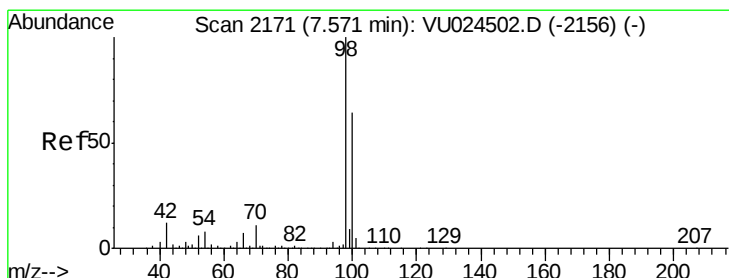
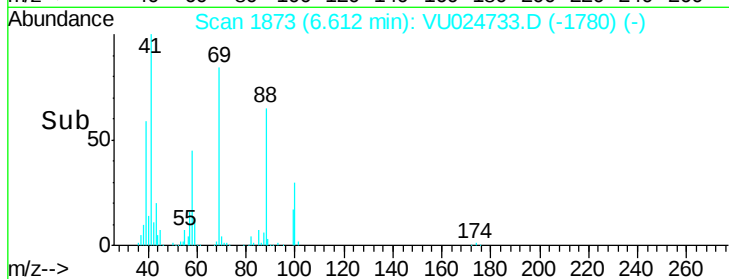
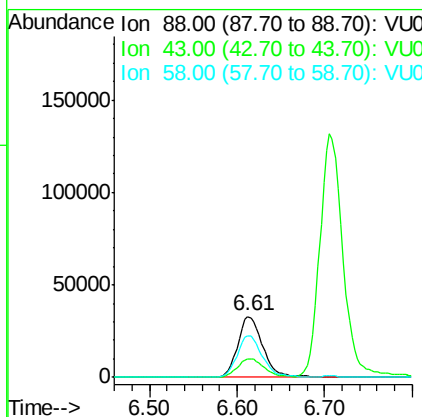
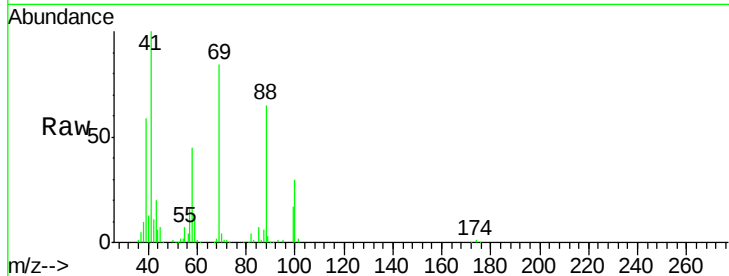
#49
 1,4-Dioxane
 Concen: 1169.59 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	28.6	42.8
58	68.9	58.2	87.4

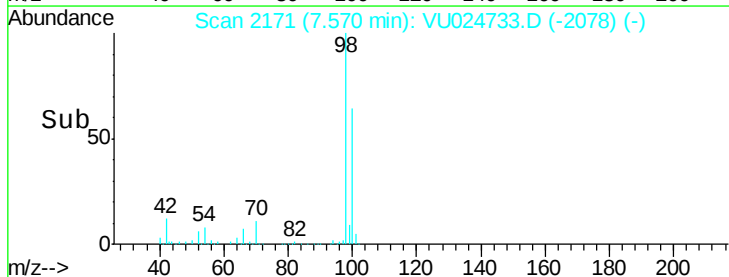
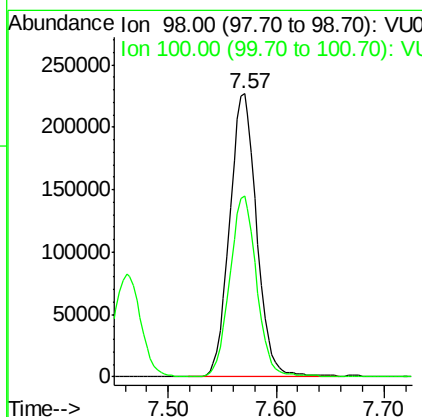
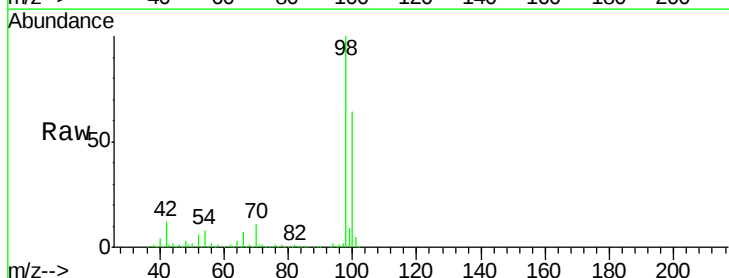
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#50
 Toluene-d8
 Concen: 49.24 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.1	76.7





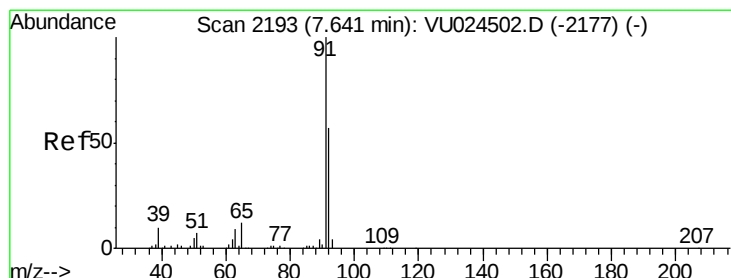
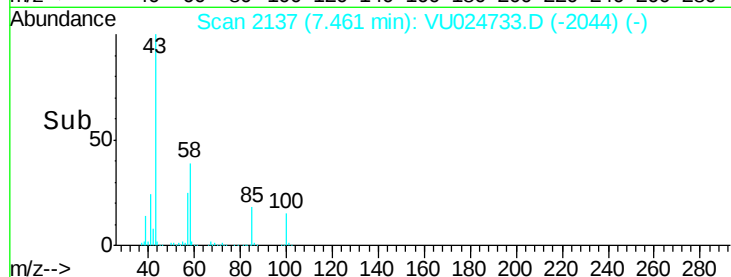
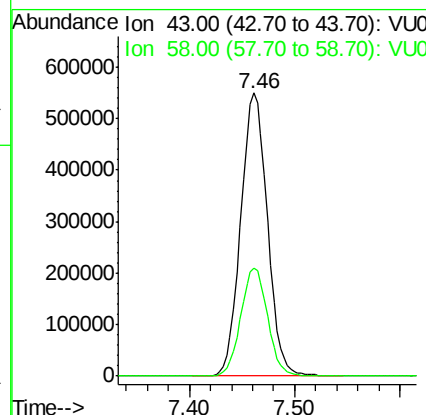
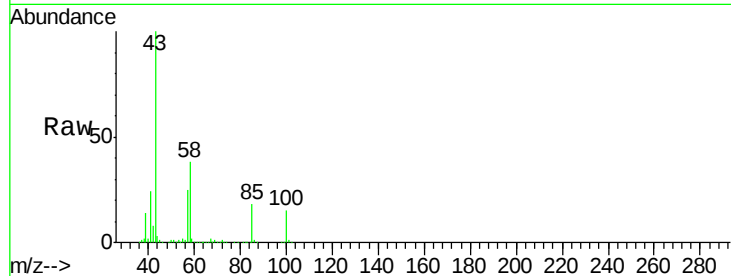
#51
 4-Methyl-2-Pentanone
 Concen: 259.16 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.0	45.0

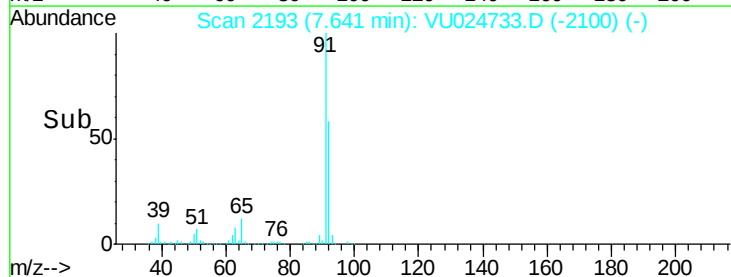
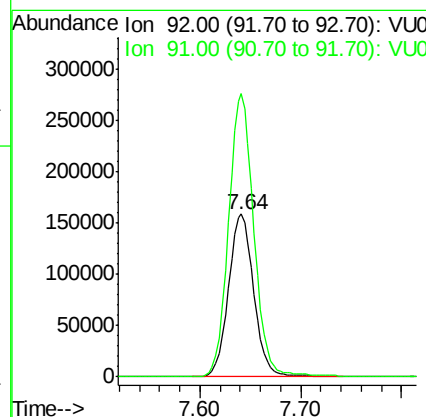
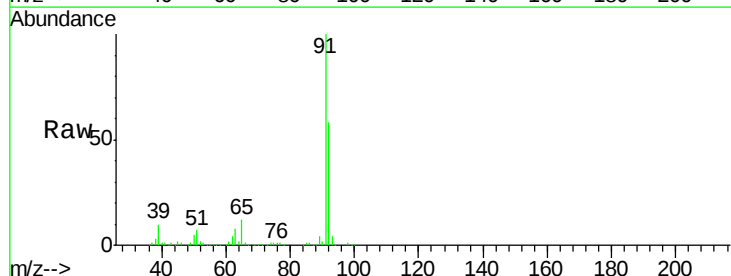
Manual Integrations
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#52
 Toluene
 Concen: 48.35 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.4	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 38.64 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 144835

Ion Ratio Lower Upper

75 100

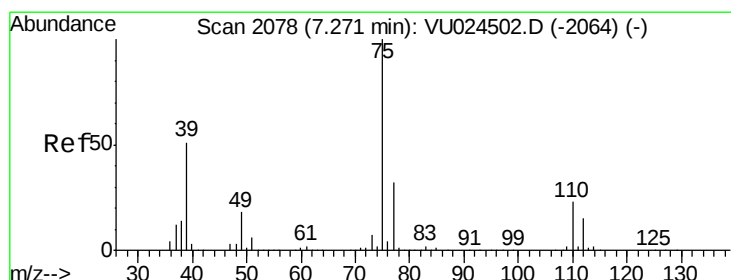
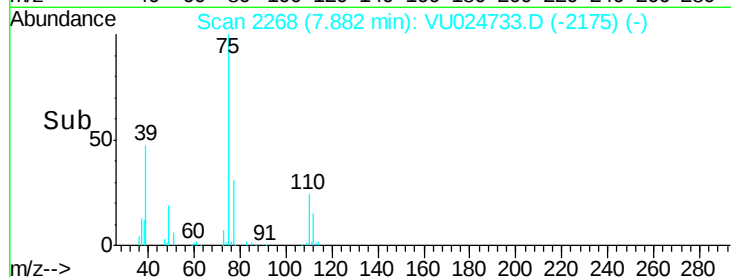
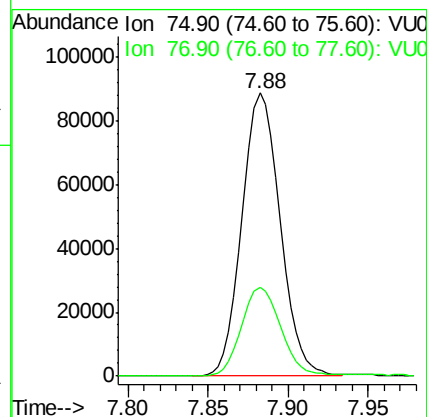
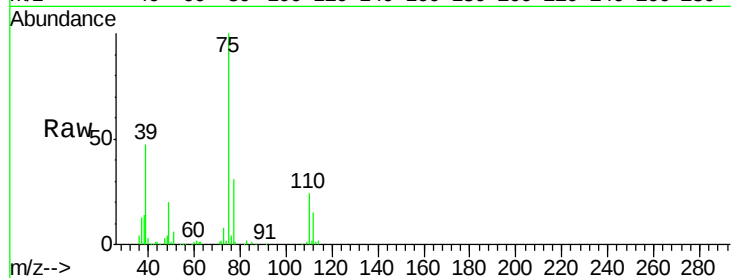
77 31.2 24.8 37.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 37.79 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

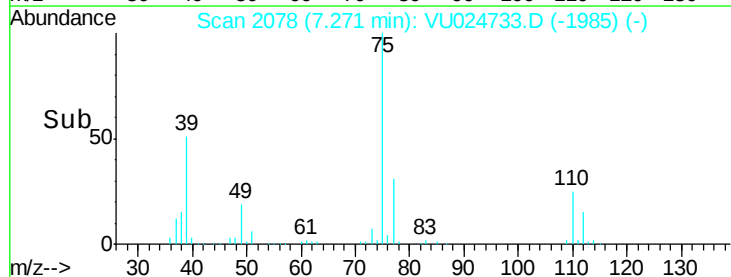
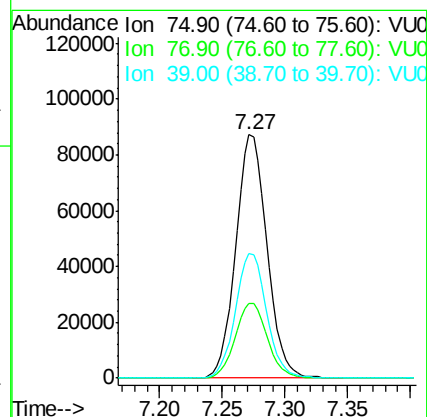
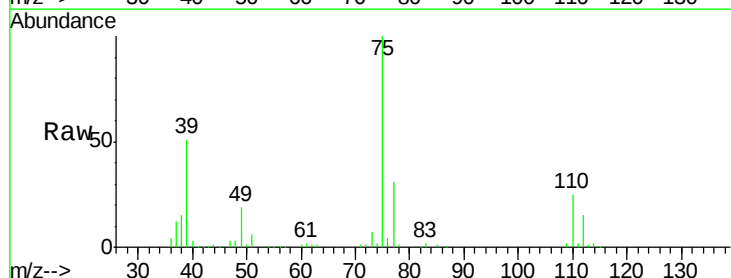
Tgt Ion: 75 Resp: 150965

Ion Ratio Lower Upper

75 100

77 30.8 24.6 36.8

39 50.9 39.8 59.6





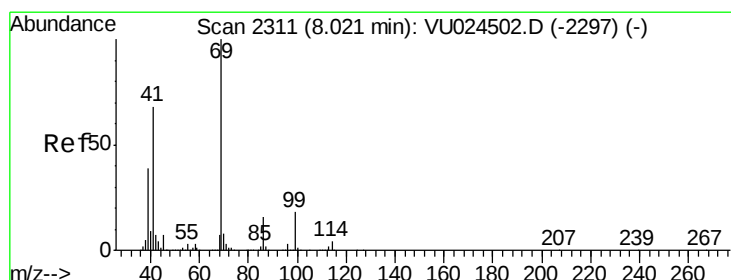
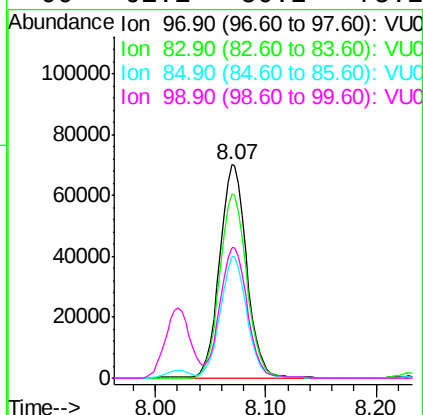
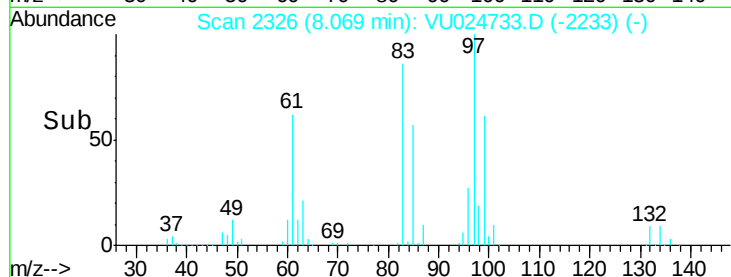
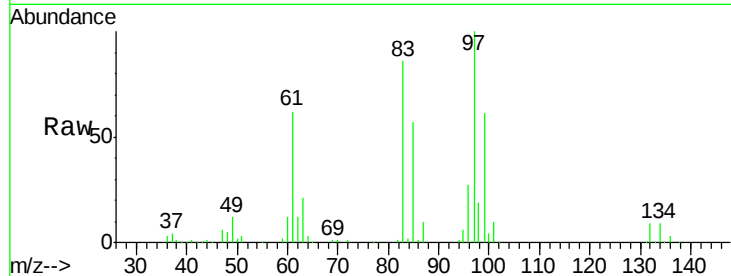
#55
1,1,2-Trichloroethane
Concen: 50.57 ug/l
RT: 8.07 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		118293		
83	86.6	70.5	105.7		
85	56.7	46.4	69.6		
99	61.1	50.2	75.2		

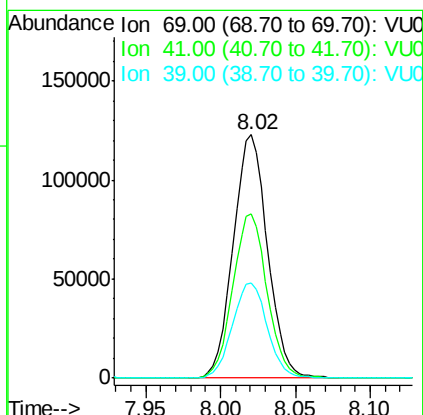
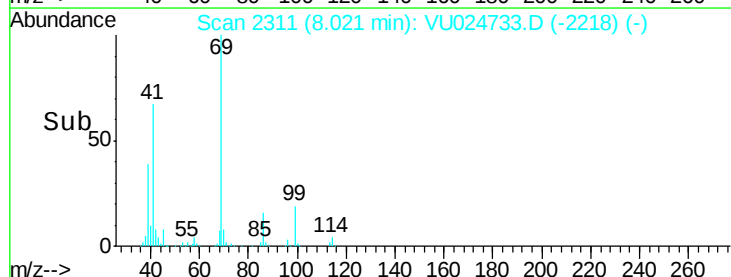
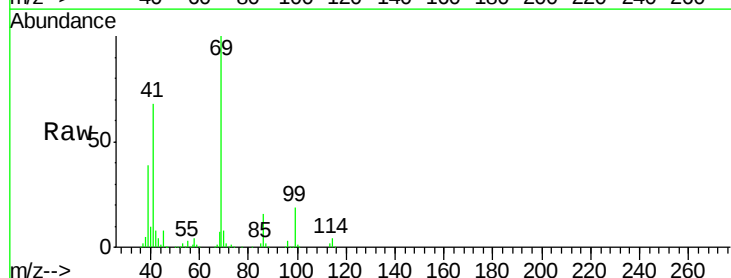
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#56
Ethyl methacrylate
Concen: 50.07 ug/l
RT: 8.02 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		196012		
41	67.2	54.1	81.1		
39	39.3	30.3	45.5		





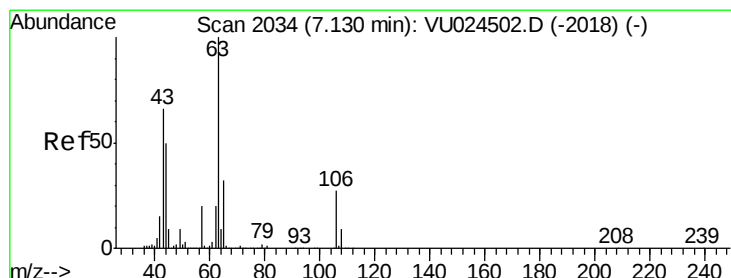
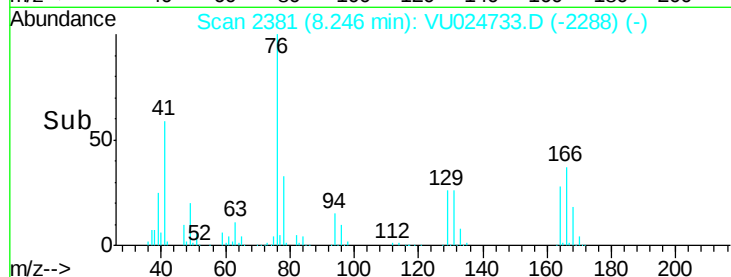
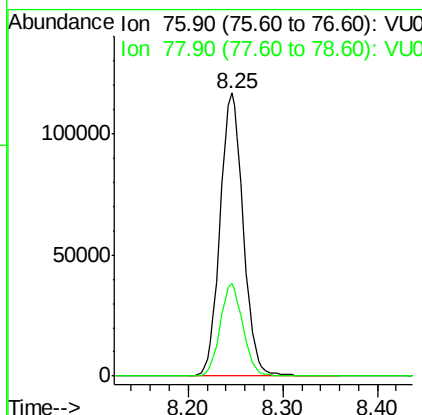
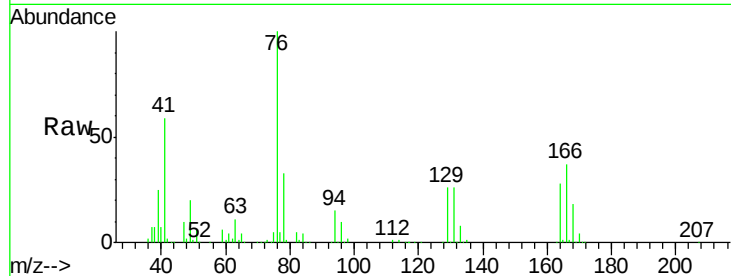
#57
 1,3-Dichloropropane
 Concen: 50.15 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 197884
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.2 37.8

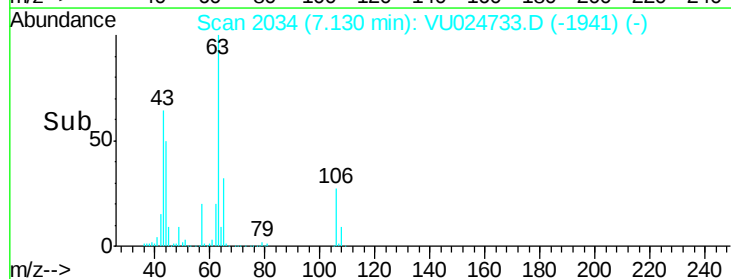
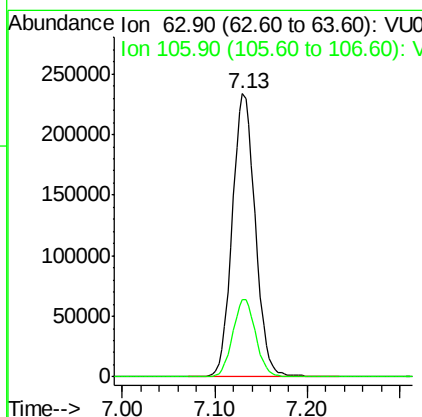
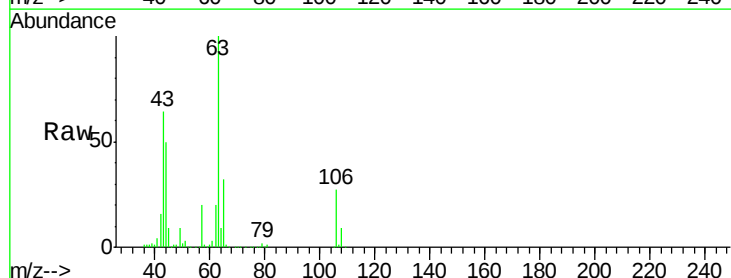
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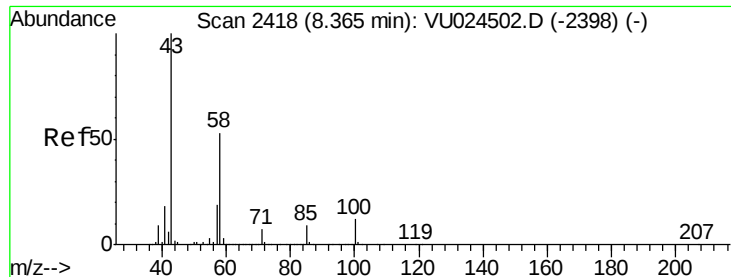
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#58
 2-Chloroethyl Vinyl ether
 Concen: 268.29 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Tgt Ion: 63 Resp: 402395
 Ion Ratio Lower Upper
 63 100
 106 27.3 20.2 30.2





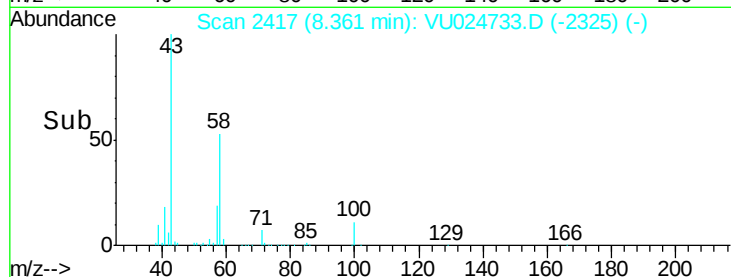
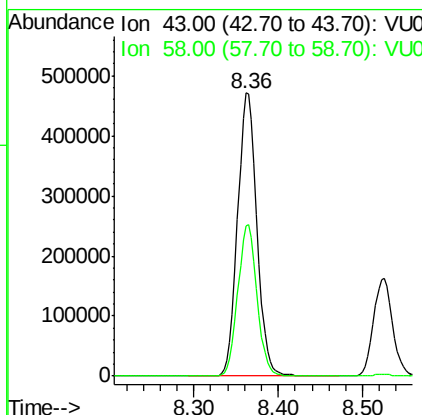
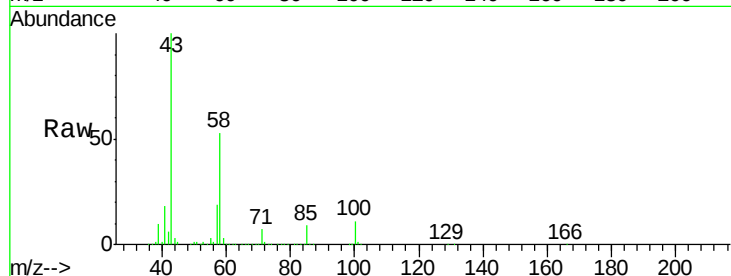
#59
2-Hexanone
Concen: 248.85 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 754796
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0

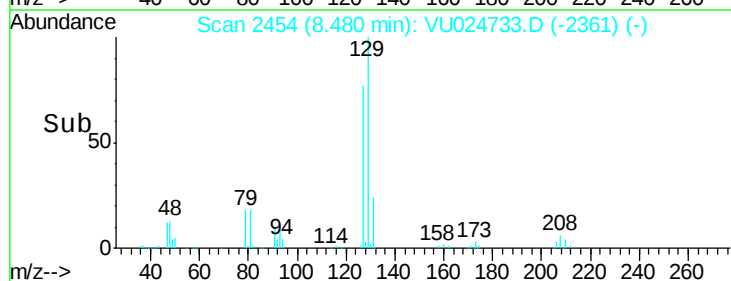
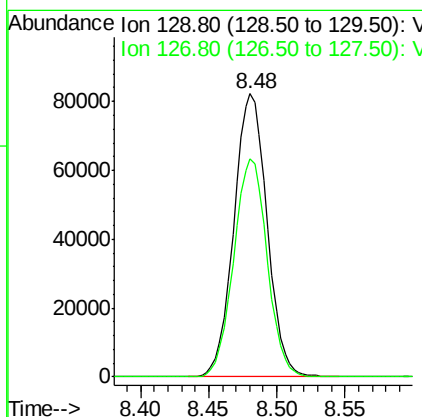
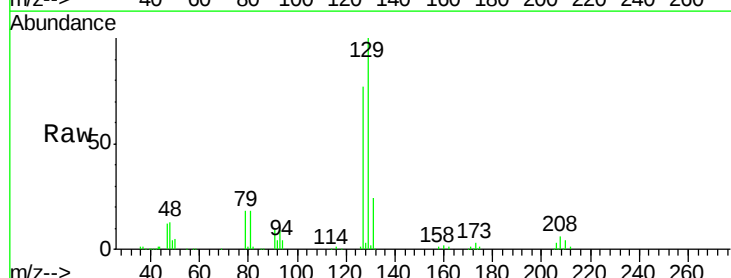
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#60
Dibromochloromethane
Concen: 47.57 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion: 129 Resp: 138747
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.94 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 130027

Ion Ratio Lower Upper

107 100

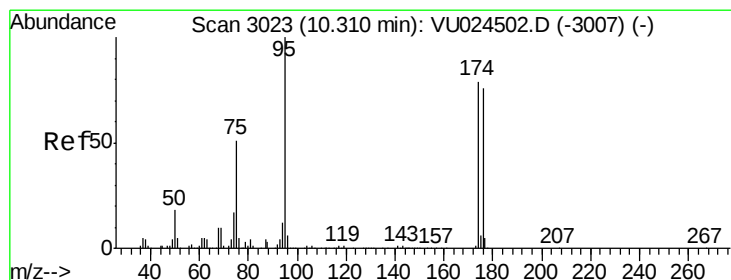
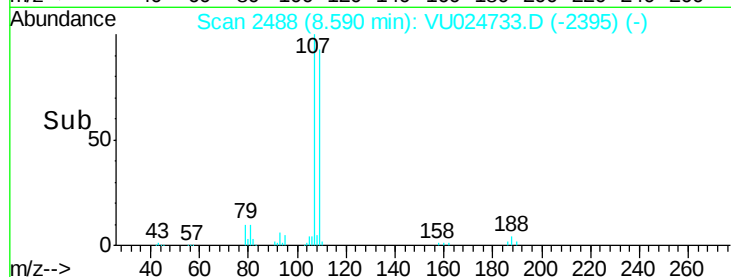
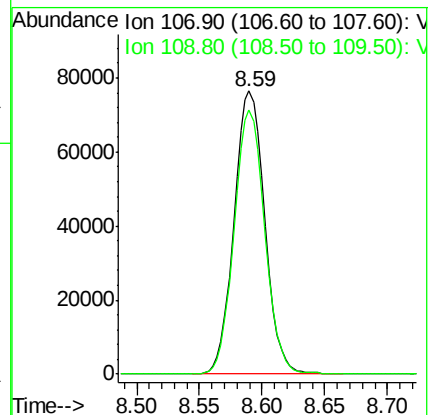
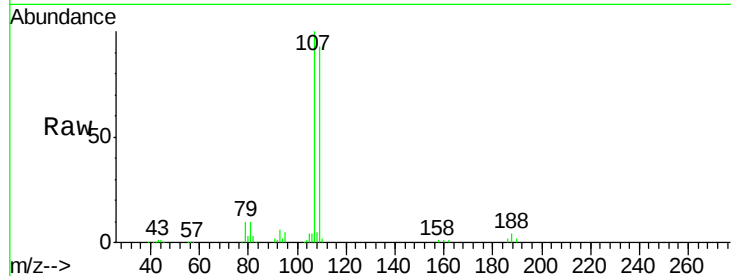
109 93.1 74.5 111.7

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#62

4-Bromofluorobenzene

Concen: 48.11 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

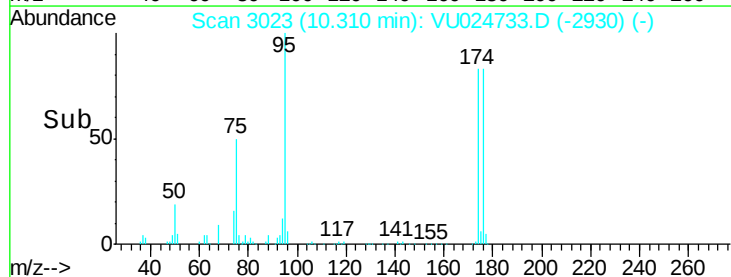
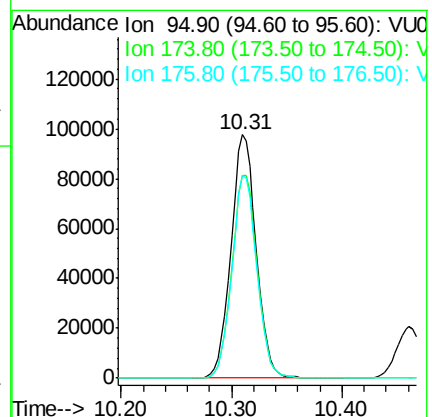
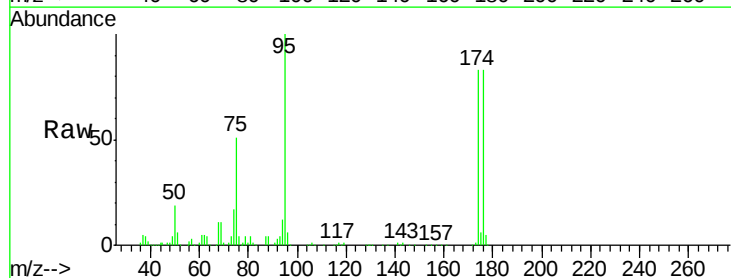
Tgt Ion: 95 Resp: 154463

Ion Ratio Lower Upper

95 100

174 84.2 0.0 165.8

176 82.5 0.0 159.4





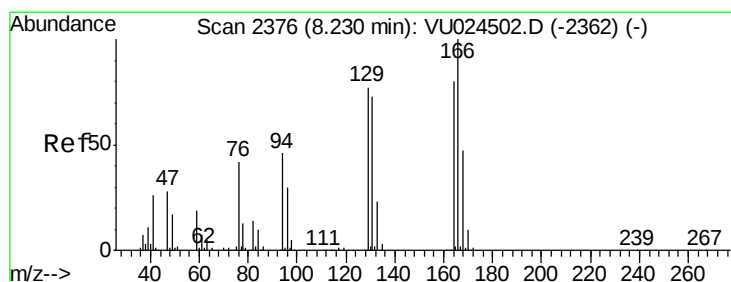
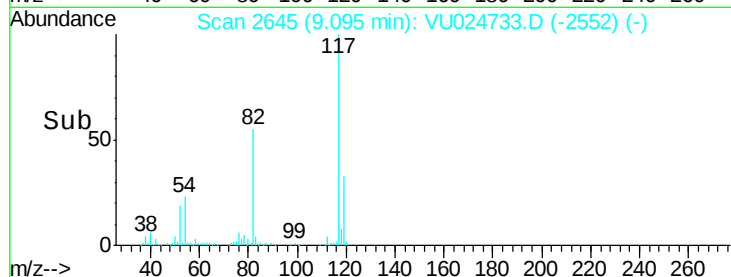
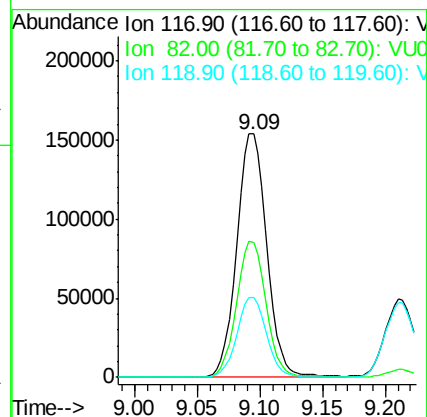
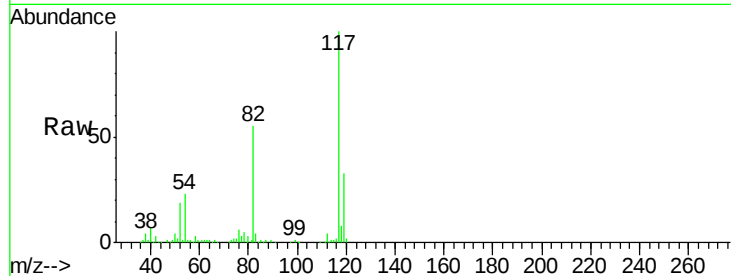
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	256084		
82	55.4		44.3	66.5
119	32.5		25.4	38.2

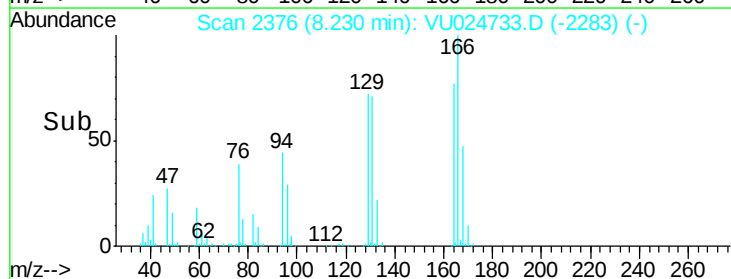
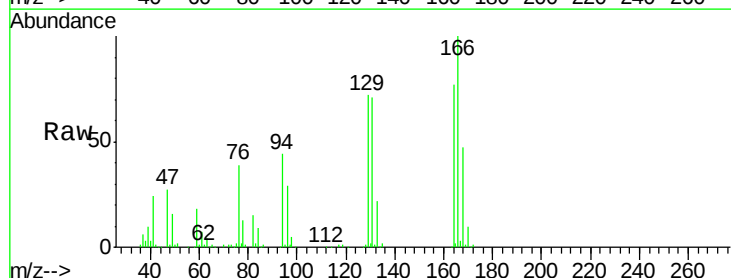
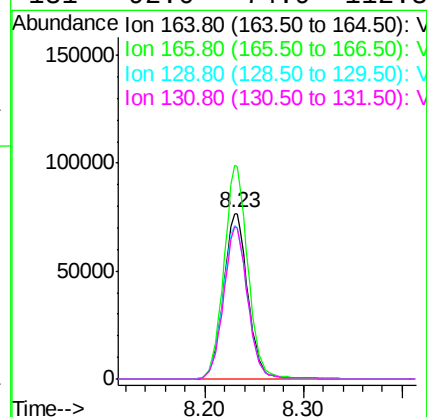
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#64
Tetrachloroethene
Concen: 54.45 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	132547		
166	129.2		101.7	152.5
129	93.2		76.9	115.3
131	92.0		74.9	112.3





#65

Chlorobenzene

Concen: 48.43 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 316823

Ion Ratio Lower Upper

112 100

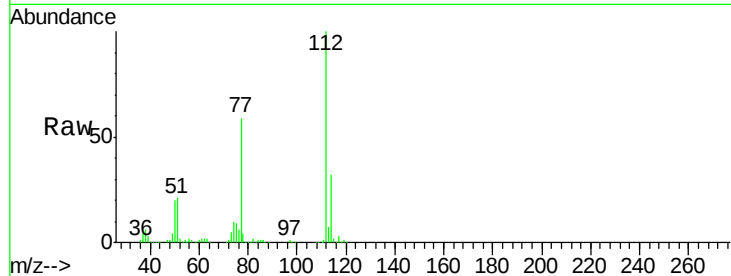
114 32.2 25.6 38.4

Manual Integrations

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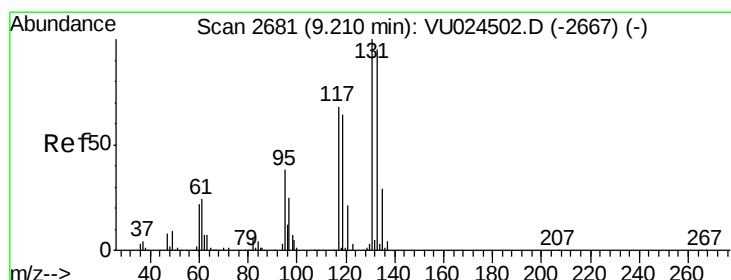
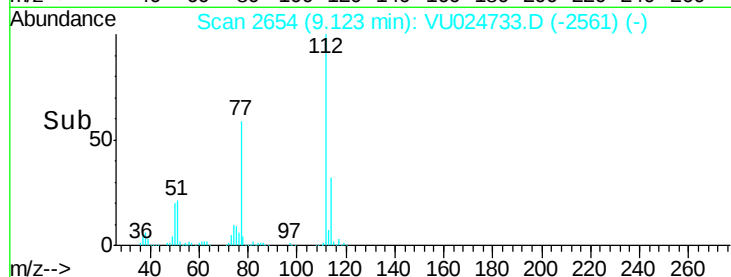
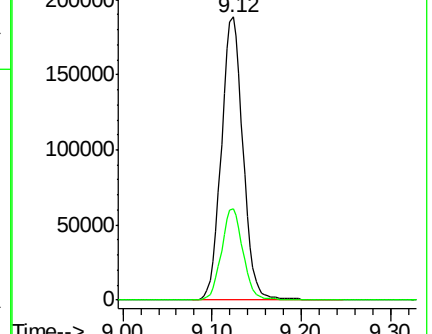
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.18 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

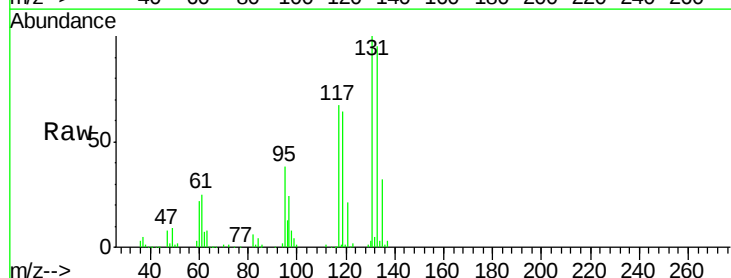
Tgt Ion:131 Resp: 122228

Ion Ratio Lower Upper

131 100

133 96.4 46.9 140.8

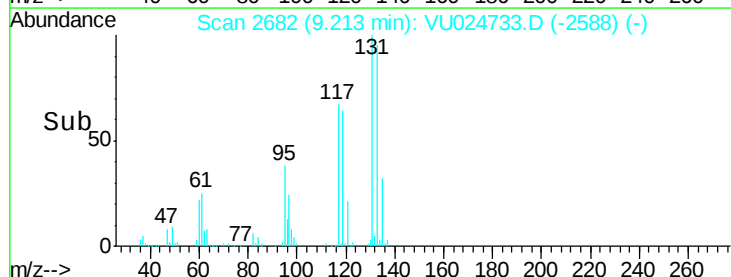
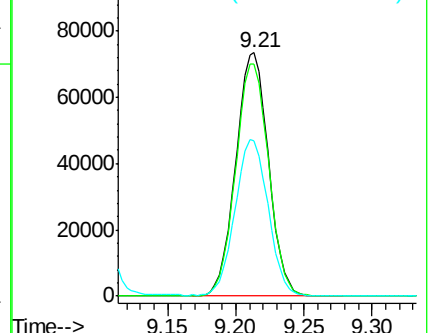
119 65.3 33.5 100.4

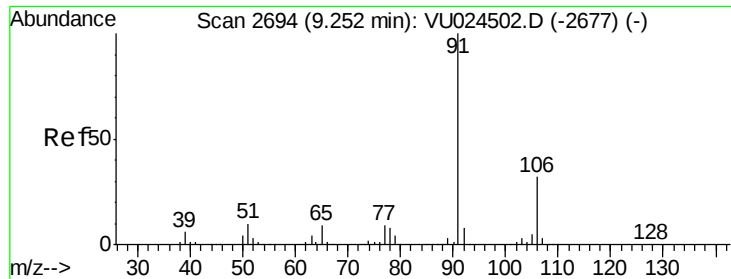


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 46.95 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 538498

Ion Ratio Lower Upper

91 100

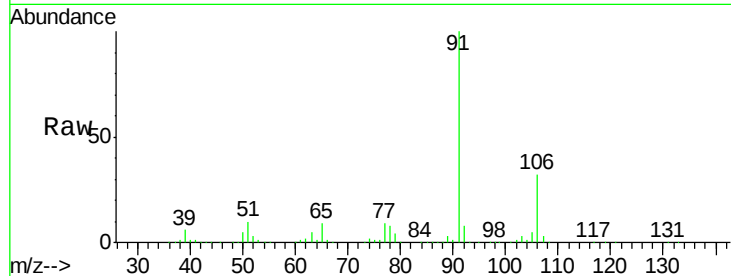
106 31.9 24.2 36.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

600000

500000

400000

300000

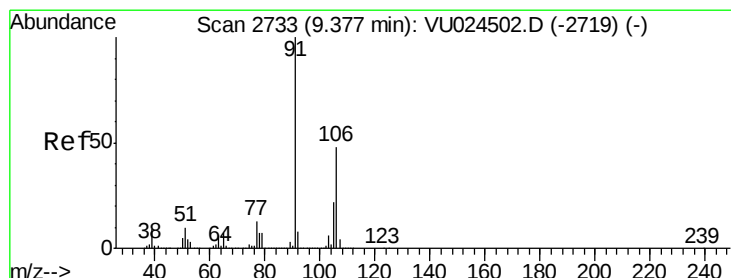
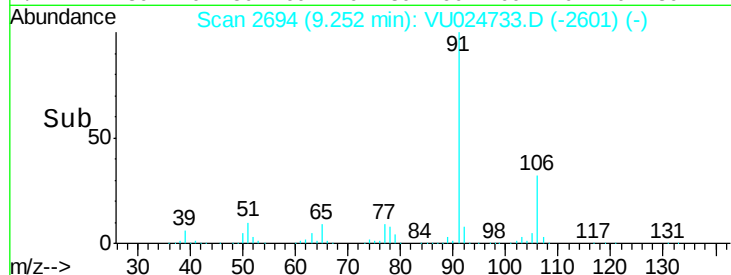
200000

100000

0

Time-->

9.15 9.20 9.25 9.30 9.35



#68

m/p-Xylenes

Concen: 95.83 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU024733.D

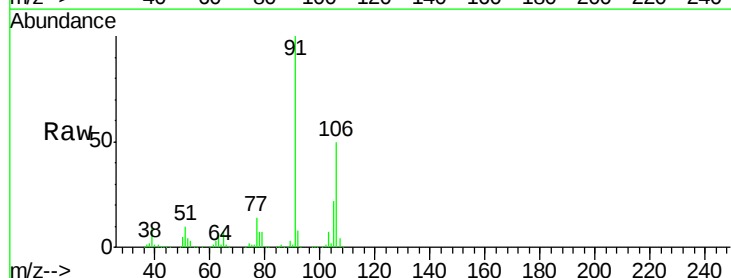
Acq: 19 Jun 2018 09:10

Tgt Ion:106 Resp: 422030

Ion Ratio Lower Upper

106 100

91 204.1 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

600000

500000

400000

300000

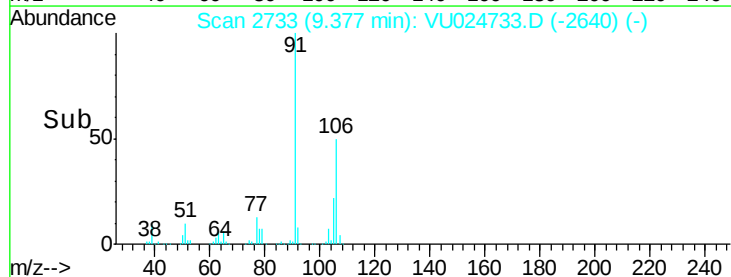
200000

100000

0

Time-->

9.30 9.35 9.40 9.45





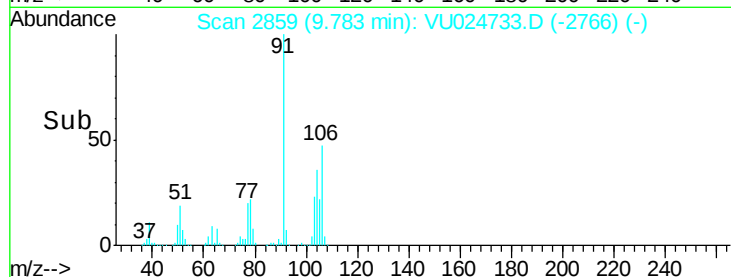
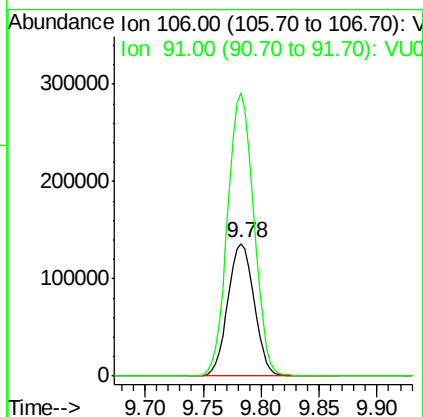
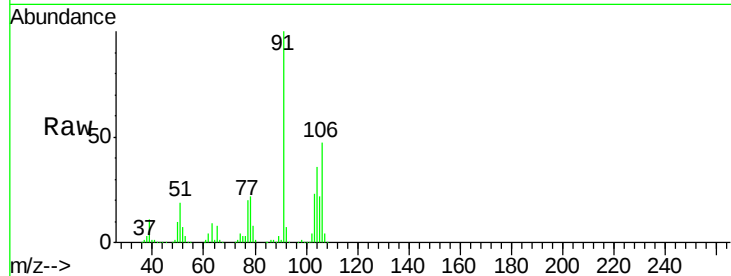
#69
o-Xylene
Concen: 49.16 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.0	110.7	331.9

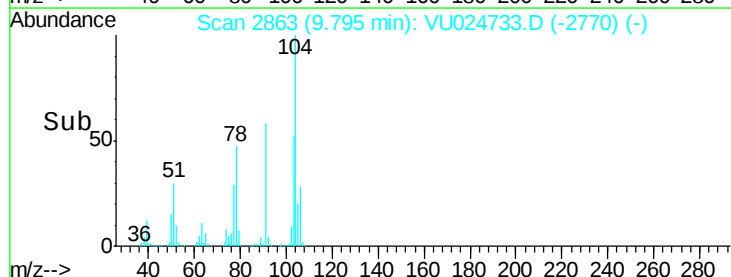
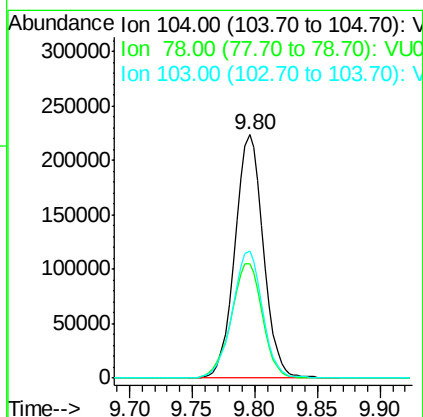
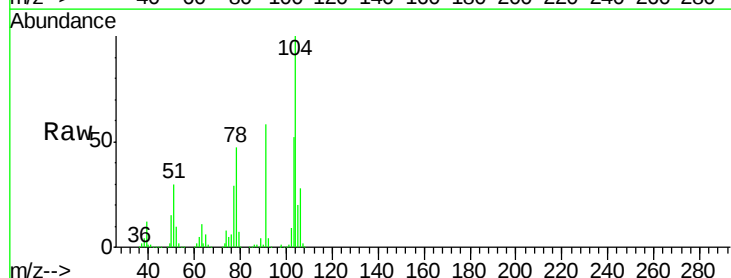
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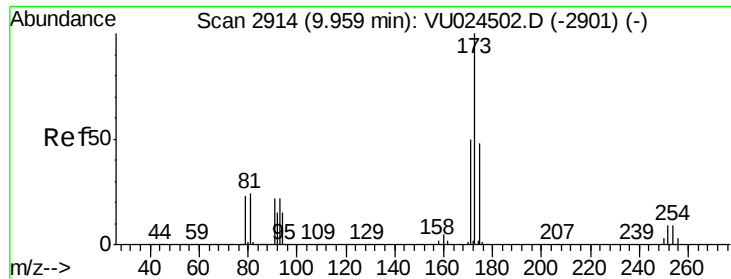
MMDadoda
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#70
Styrene
Concen: 49.12 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.9	40.6	60.8
103	55.3	44.7	67.1





#71

Bromoform

Concen: 47.21 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 111537

Ion Ratio Lower Upper

173 100

175 49.1 24.6 74.0

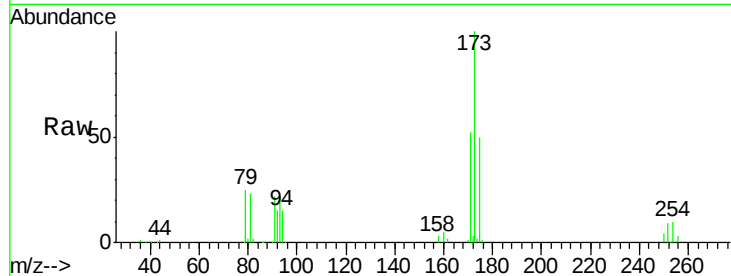
254 0.1 0.0 0.0#

Manual Integrations

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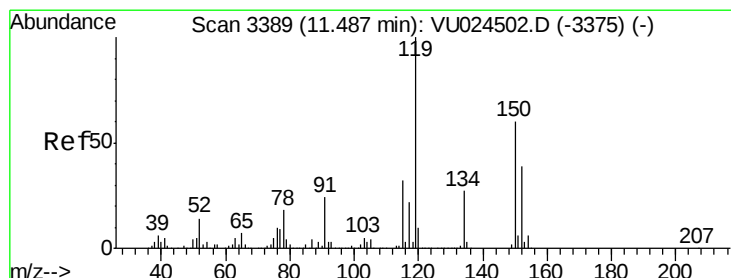
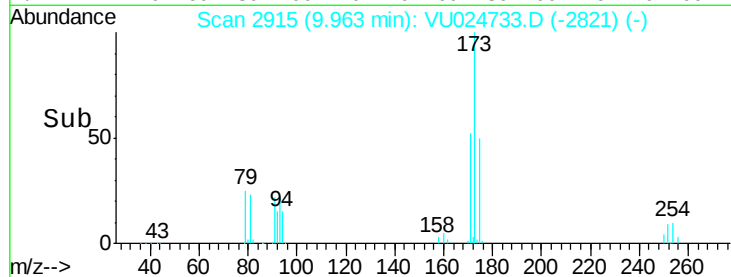
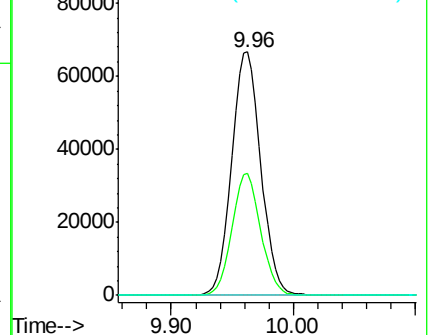
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VU024733.D

Acq: 19 Jun 2018 09:10

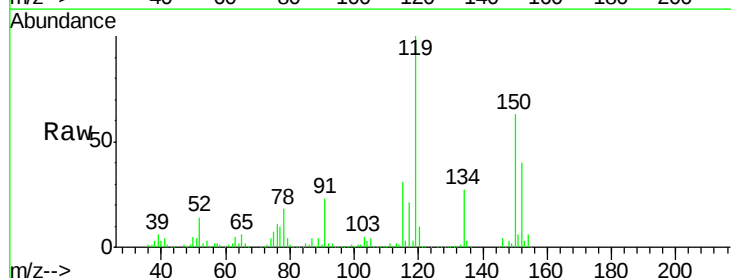
Tgt Ion:152 Resp: 153993

Ion Ratio Lower Upper

152 100

115 82.9 43.0 129.0

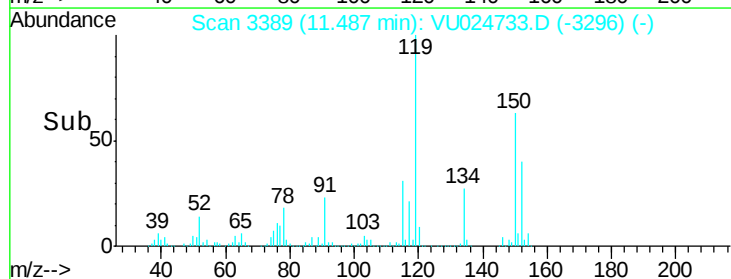
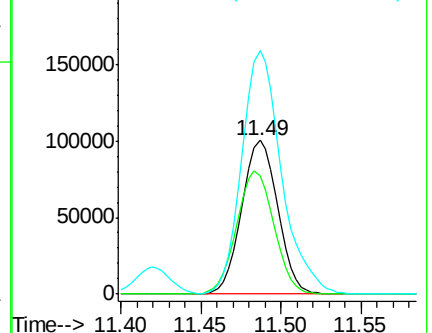
150 174.7 0.0 354.0

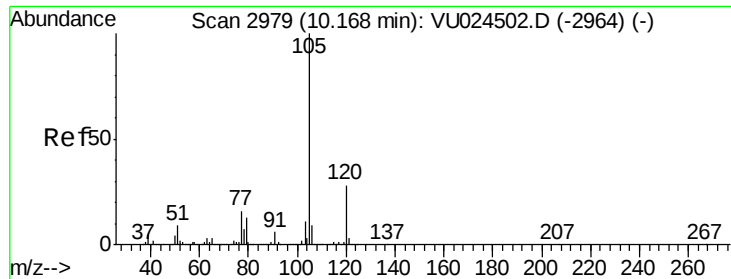


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.84 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 565644

Ion Ratio Lower Upper

105 100

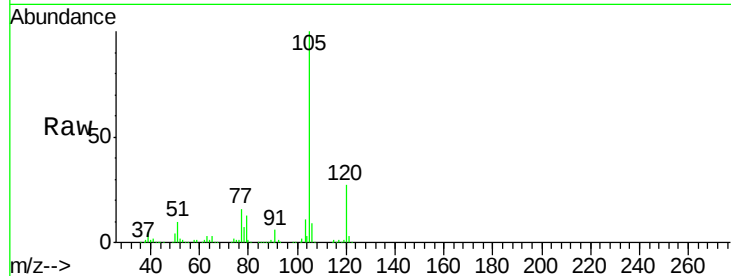
120 26.9 13.2 39.6

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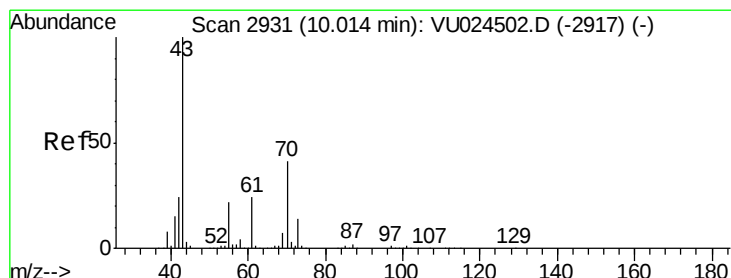
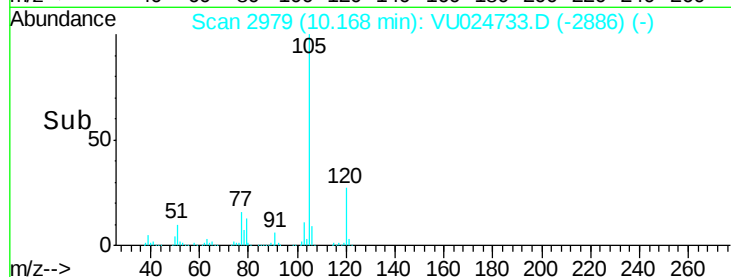
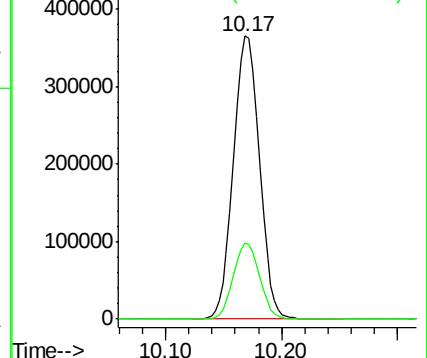
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.61 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Tgt Ion: 43 Resp: 250852

Ion Ratio Lower Upper

43 100

70 41.5 32.2 48.4

55 23.0 20.5 30.7

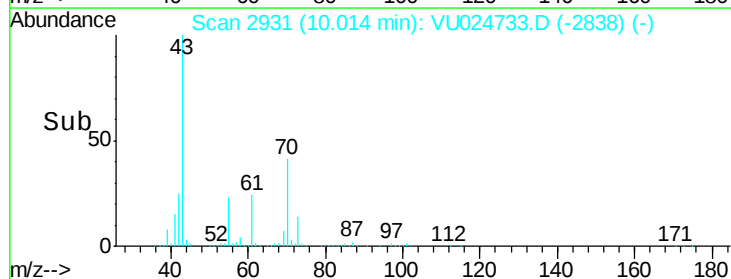
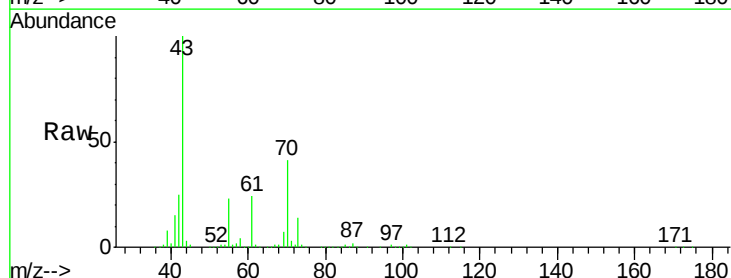
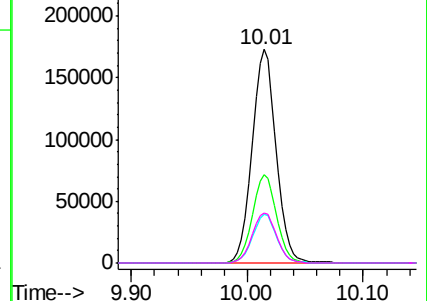
61 23.9 18.7 28.1

Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.07 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 202320

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

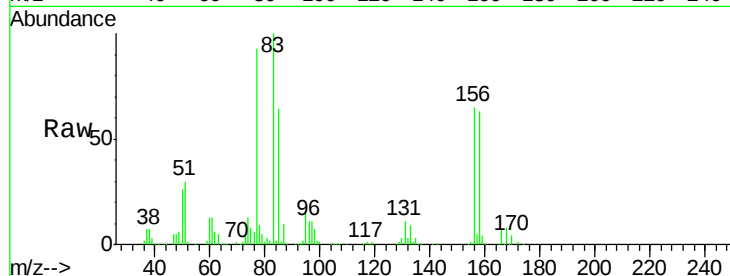
85 64.8 32.5 97.5

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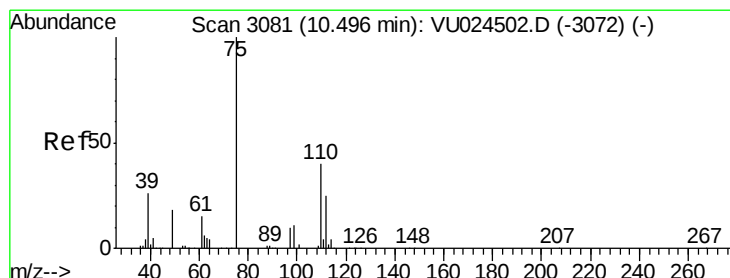
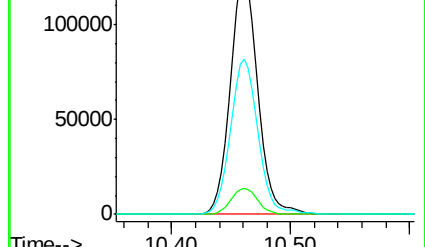
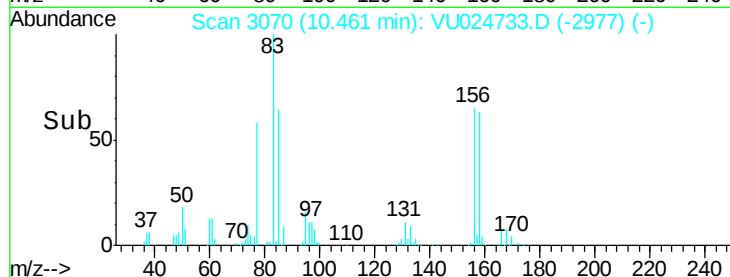


Abundance Ion 82.90 (82.60 to 83.60): VU024733.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024733.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024733.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 51.49 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024733.D

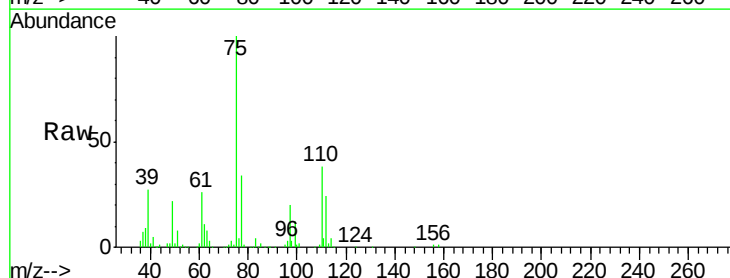
Acq: 19 Jun 2018 09:10

Tgt Ion: 75 Resp: 174570

Ion Ratio Lower Upper

75 100

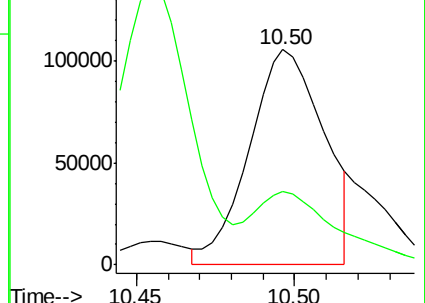
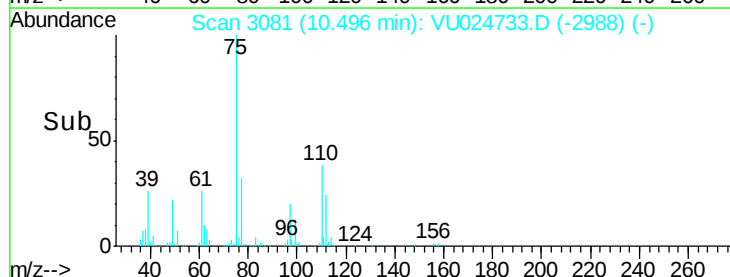
77 37.5 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024733.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024733.D (-2988) (-)

Time-->





#77

Bromobenzene

Concen: 48.89 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

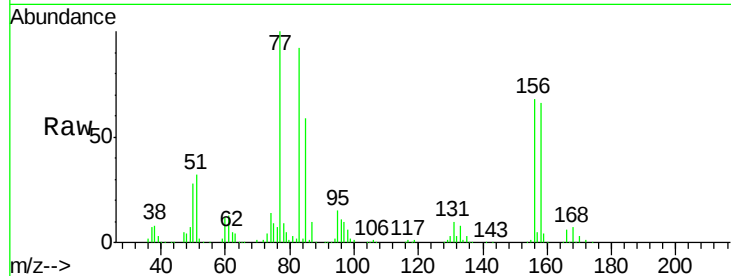
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.3	80.5	241.3
158	97.9	48.2	144.6

Manual Integrations
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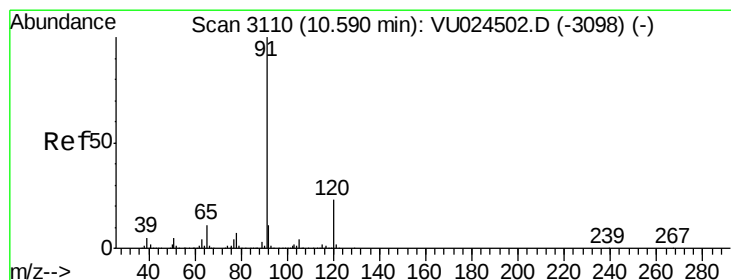
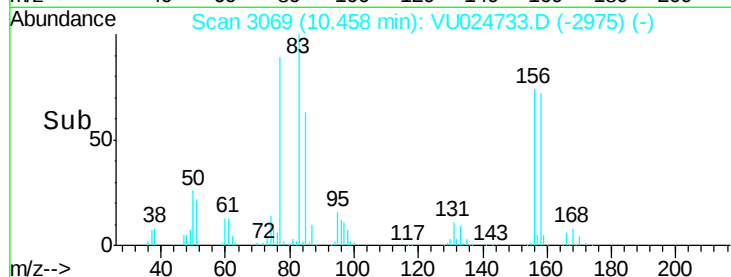
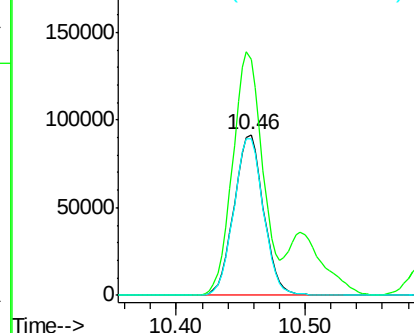
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.91 ug/l

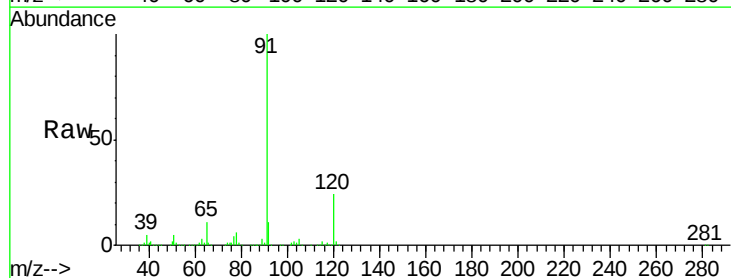
RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024733.D

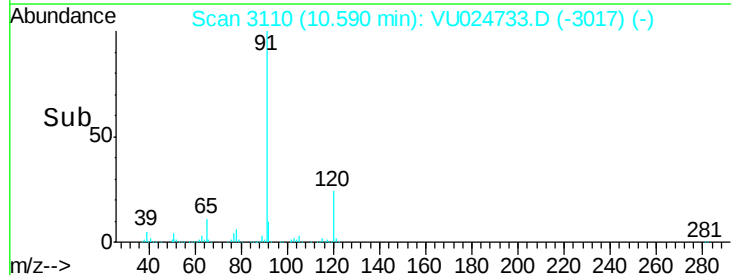
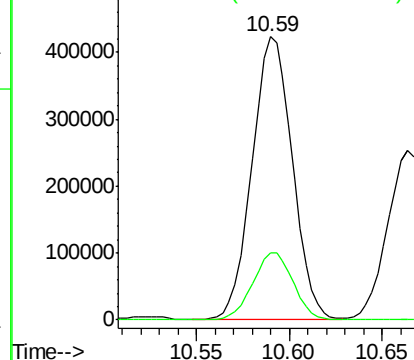
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





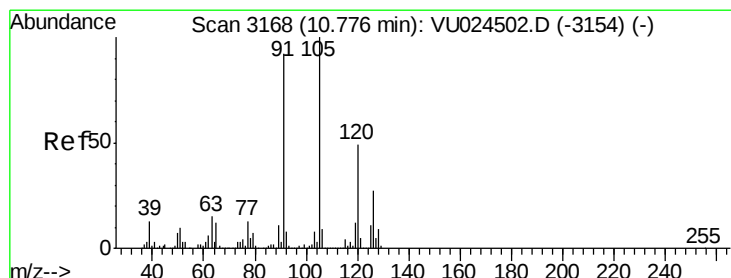
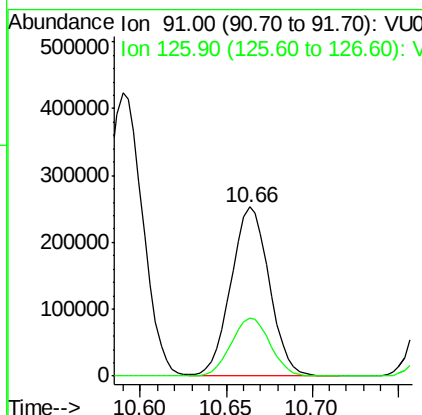
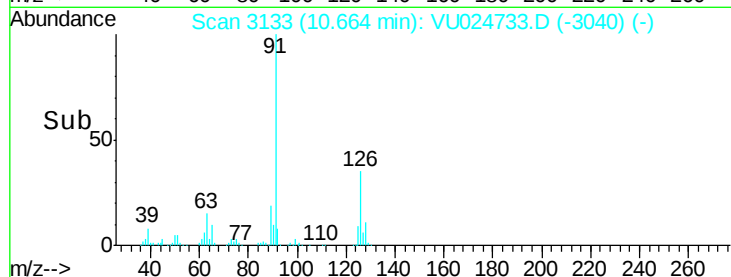
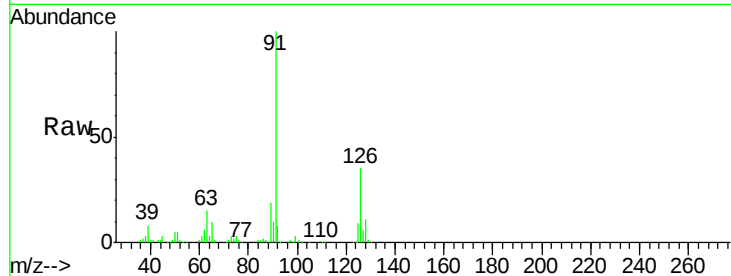
#79
 2-Chlorotoluene
 Concen: 47.40 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 389308
 Ion Ratio Lower Upper
 91 100
 126 35.2 16.9 50.7

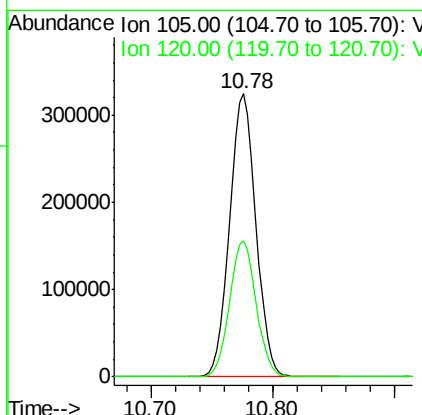
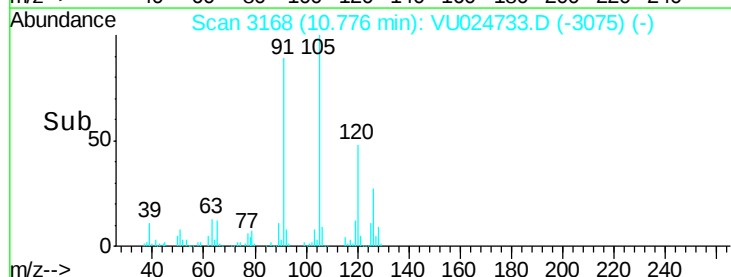
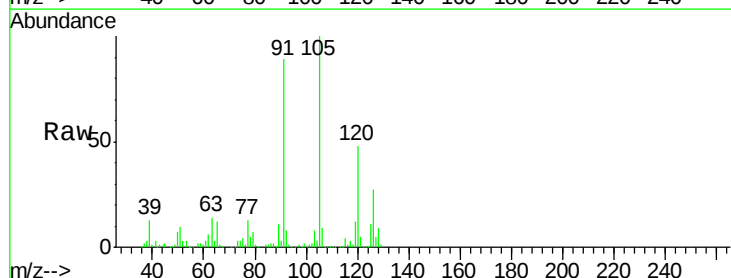
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 6/19/2018 1:55:10 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 47.72 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Tgt Ion: 105 Resp: 488988
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 144.79 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

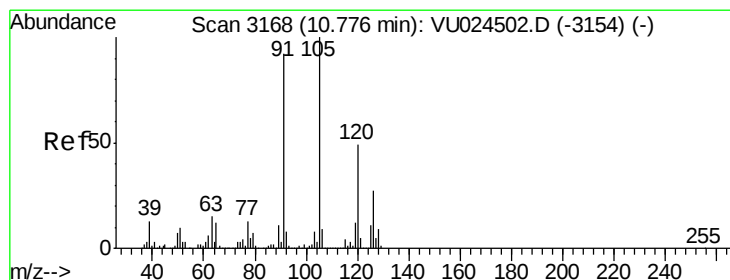
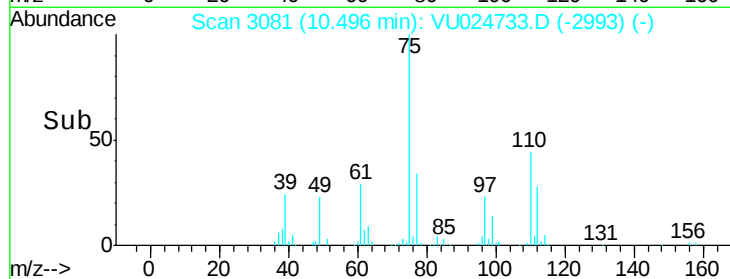
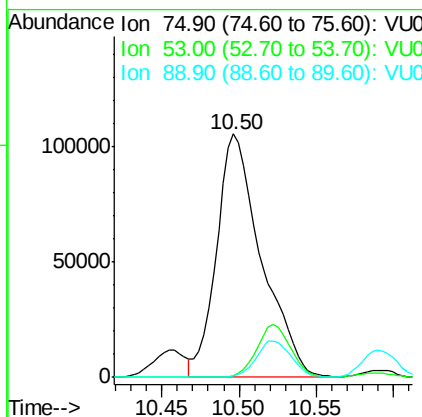
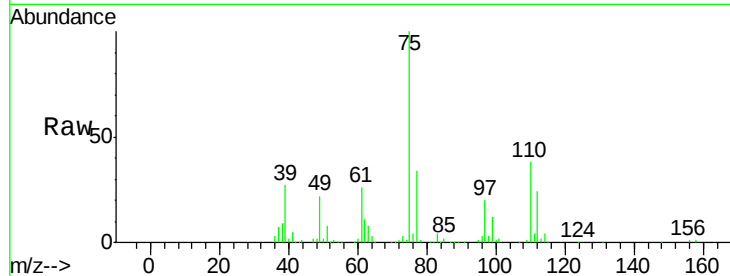
ClientSampleId :

VSTDCCC050EC

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

Manual Integrations
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MMDadoda
6/19/2018 1:55:10 PM



#82

4-Chlorotoluene

Concen: 46.96 ug/l

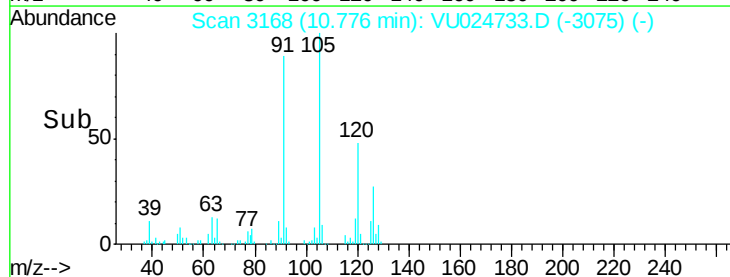
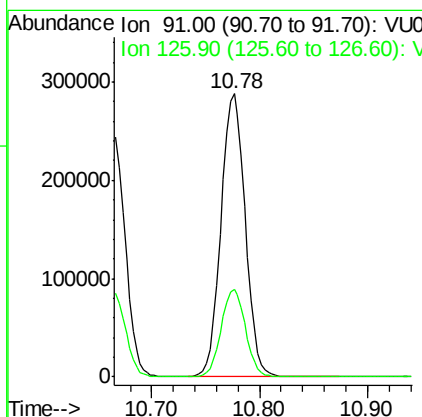
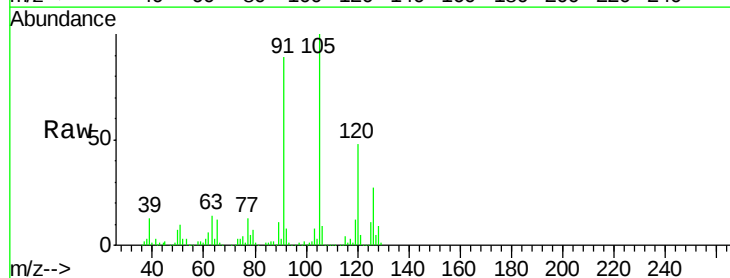
RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	14.9	44.9





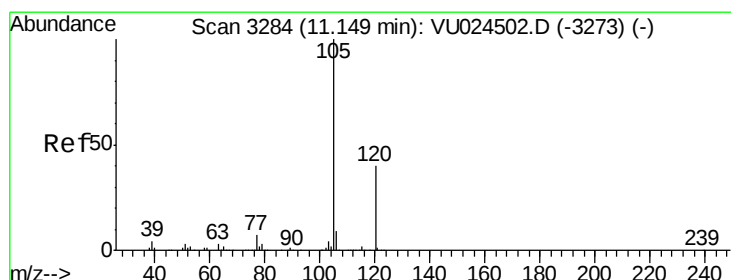
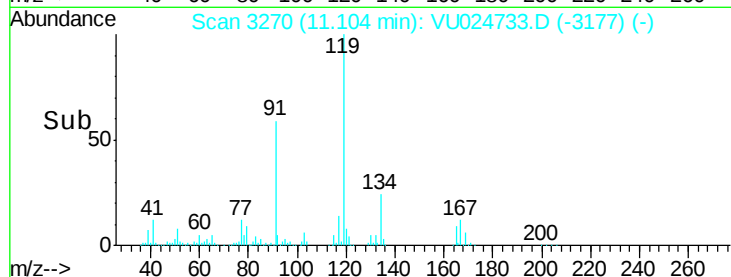
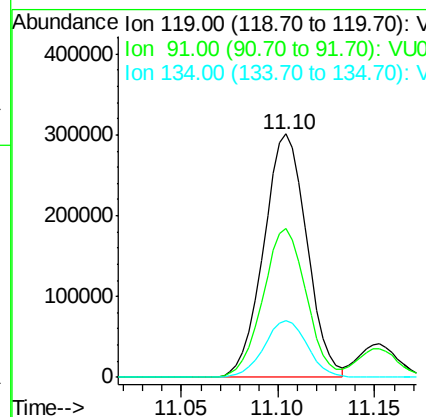
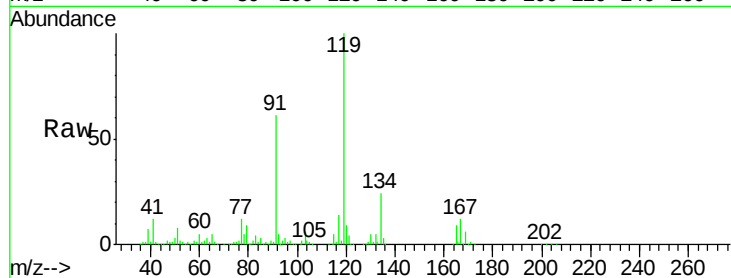
#83
tert-Butylbenzene
Concen: 47.43 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.4	29.7	89.1
134	23.3	11.6	34.7

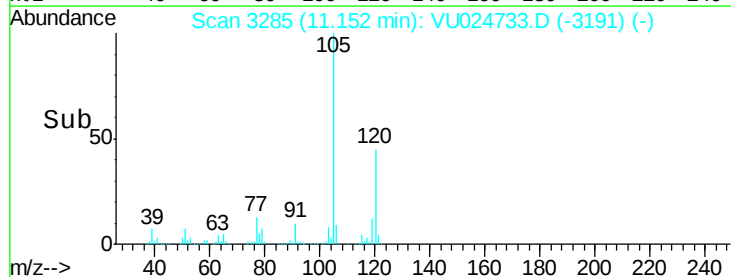
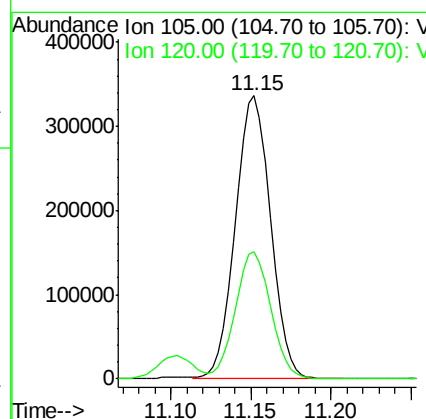
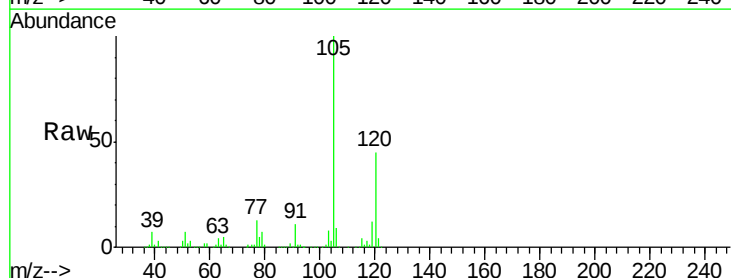
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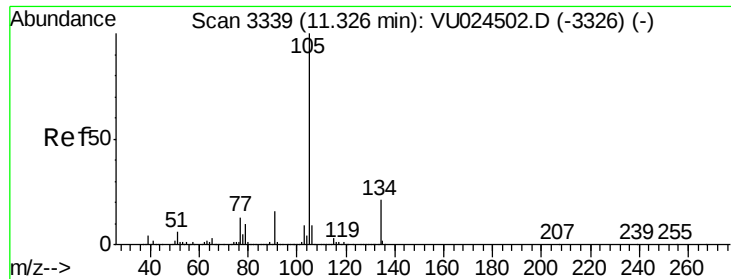
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 48.19 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.6	67.8





#85

sec-Butylbenzene

Concen: 47.20 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 582399

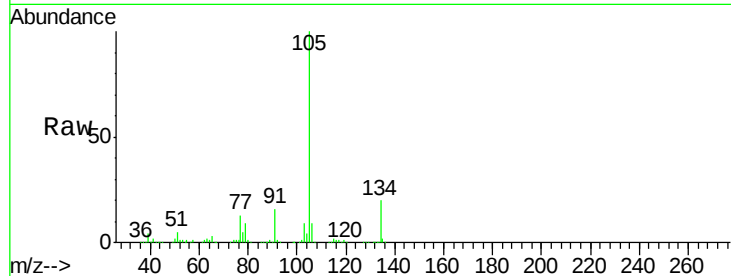
Ion Ratio Lower Upper

105 100

134 20.4 9.7 29.1

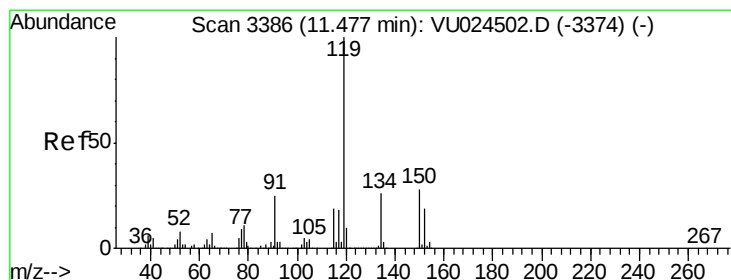
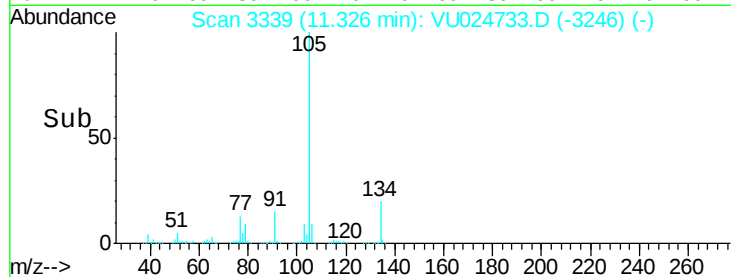
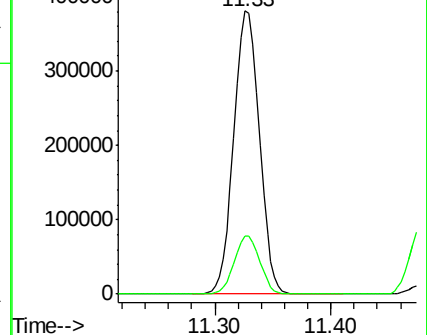
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.44 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

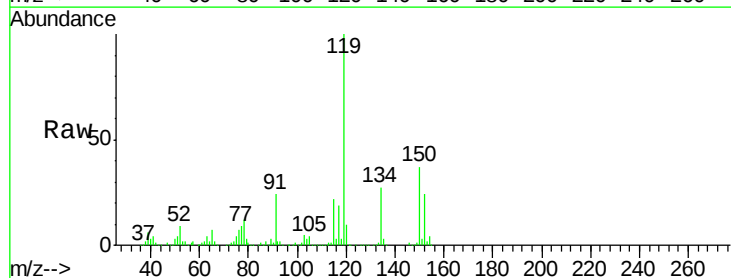
Tgt Ion:119 Resp: 513179

Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

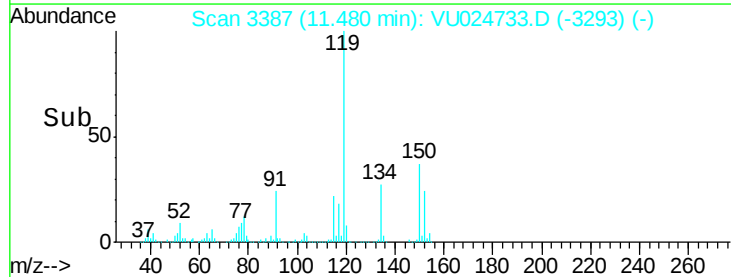
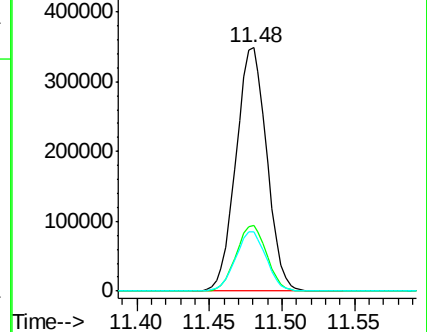
91 24.3 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





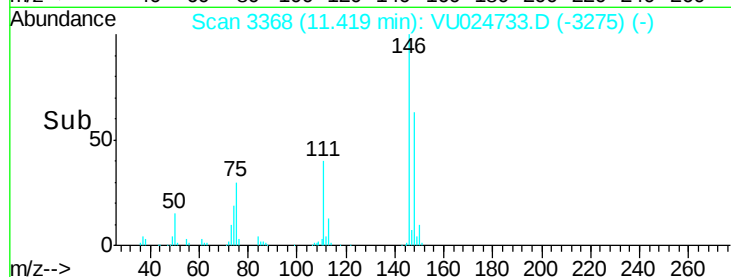
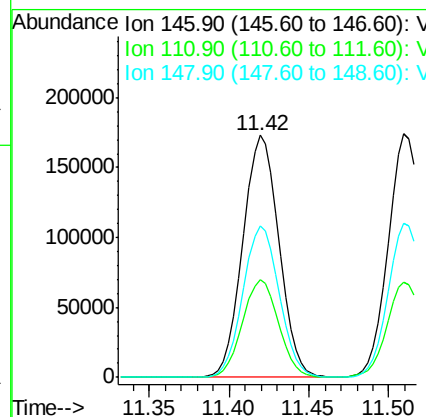
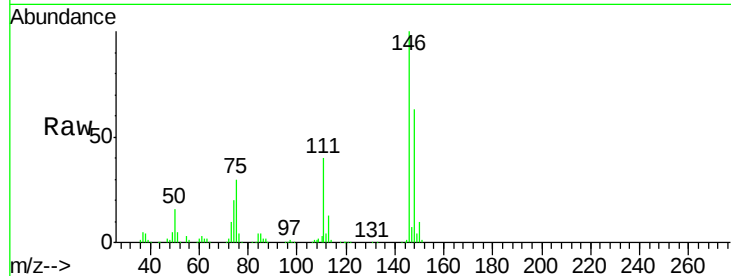
#87
 1,3-Dichlorobenzene
 Concen: 48.21 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	62.8	32.1	96.5

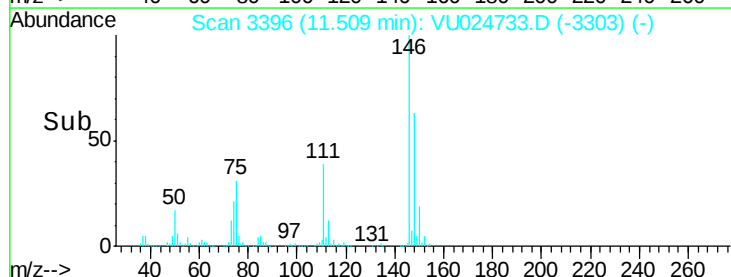
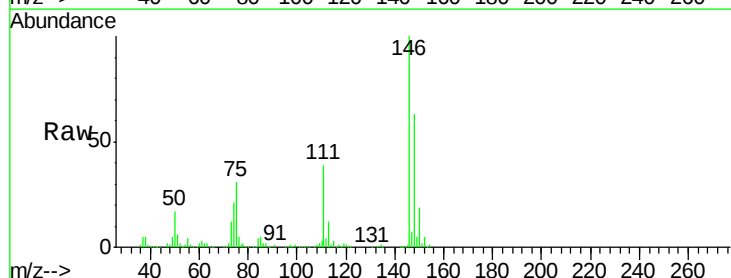
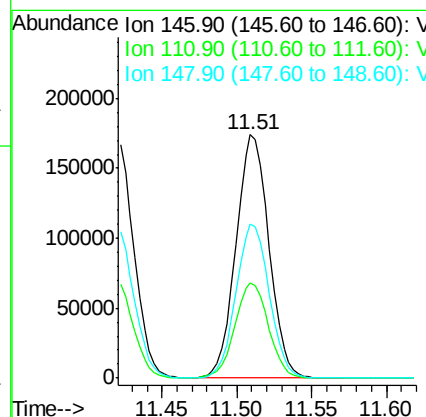
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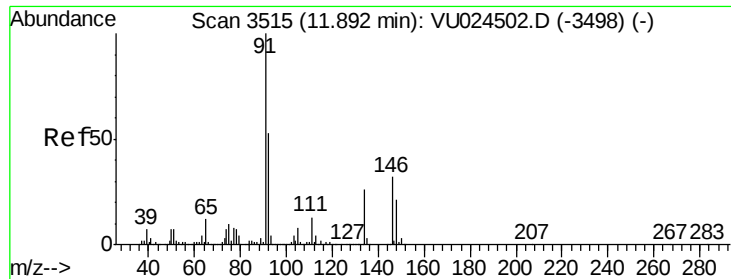
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#88
 1,4-Dichlorobenzene
 Concen: 47.87 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.5	58.5
148	64.4	32.4	97.0





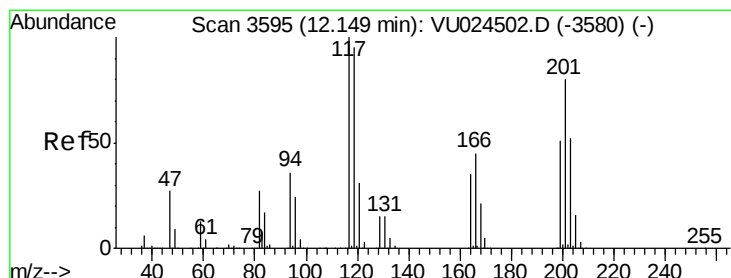
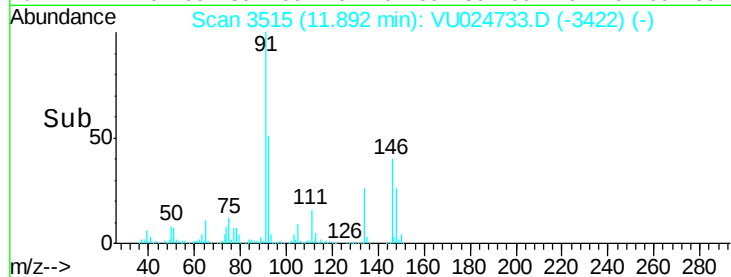
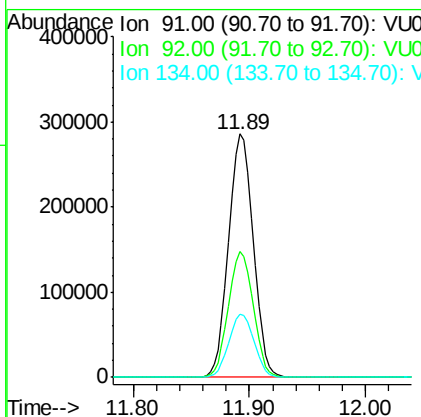
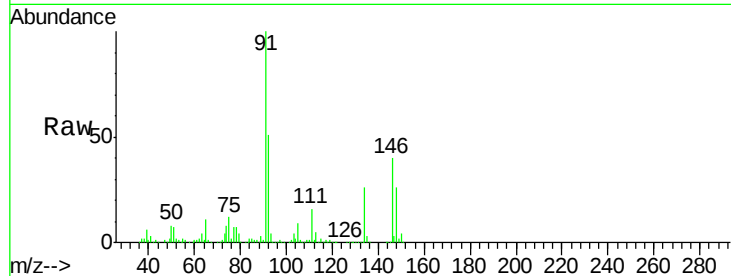
#89
n-Butylbenzene
Concen: 42.65 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.6	76.8
134	26.4	12.3	36.8

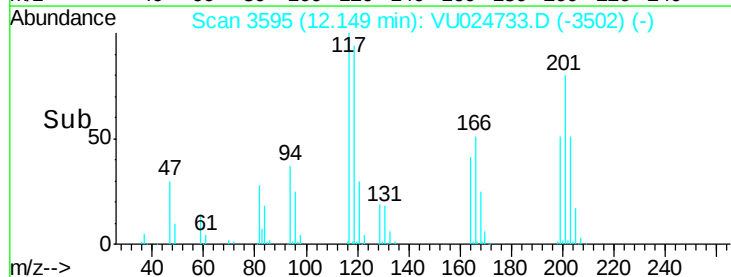
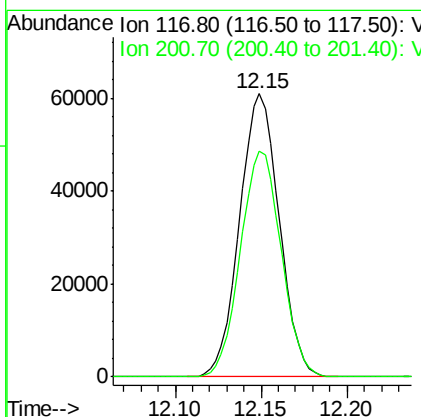
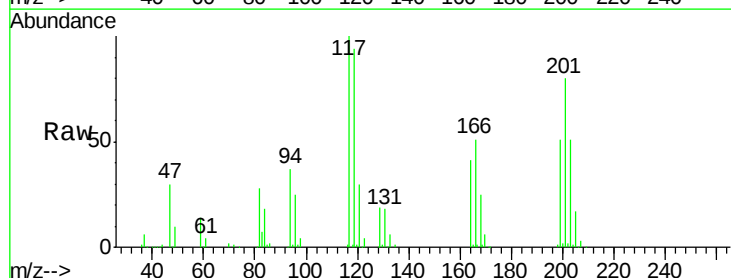
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#90
Hexachloroethane
Concen: 45.32 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024733.D
Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.0	41.1	123.3





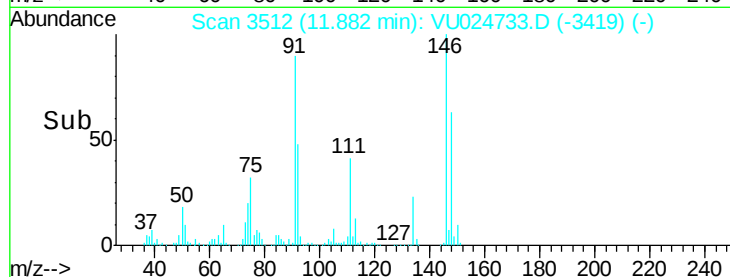
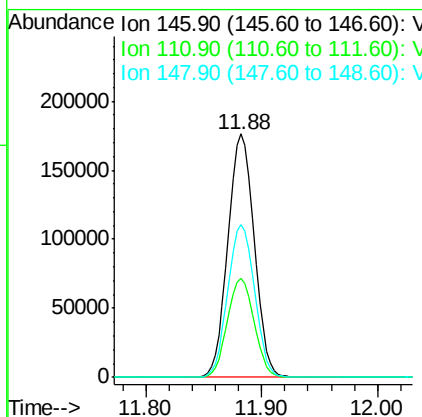
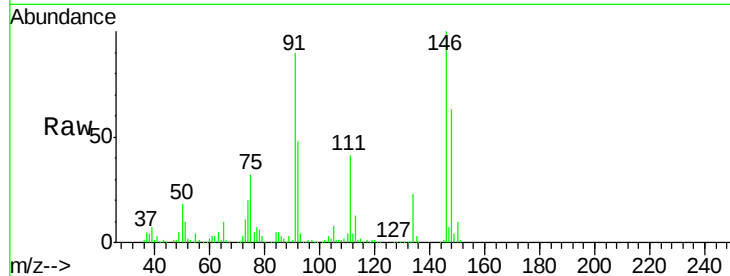
#91
 1,2-Dichlorobenzene
 Concen: 49.87 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.6
148	63.9	31.9	95.7

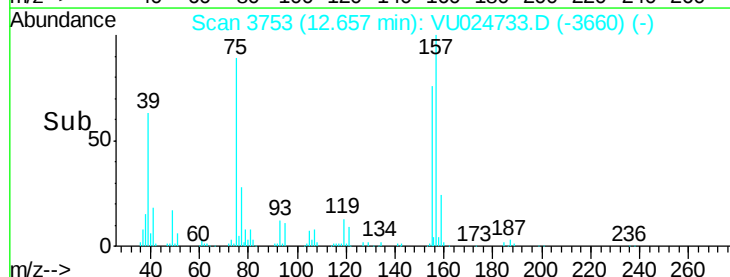
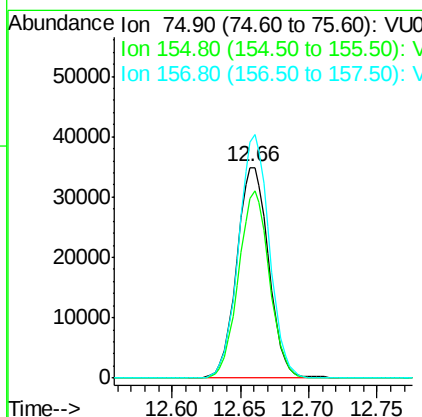
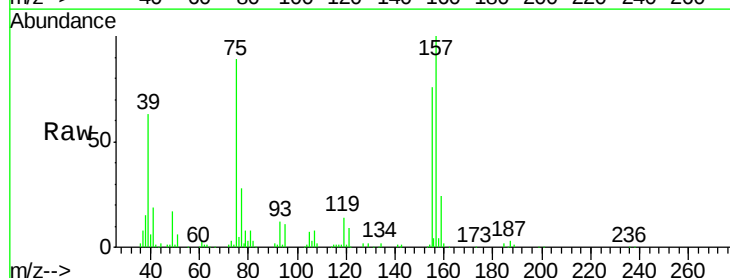
Manual Integrations
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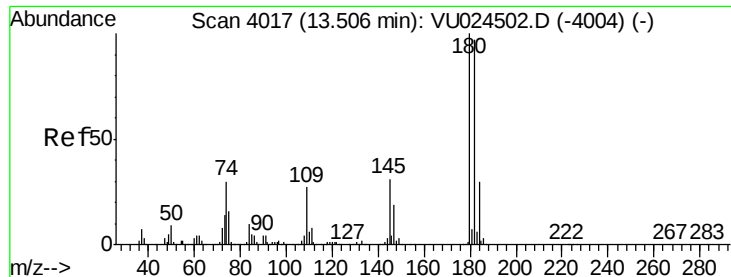
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.72 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	40.4	121.2
157	111.5	52.3	156.8





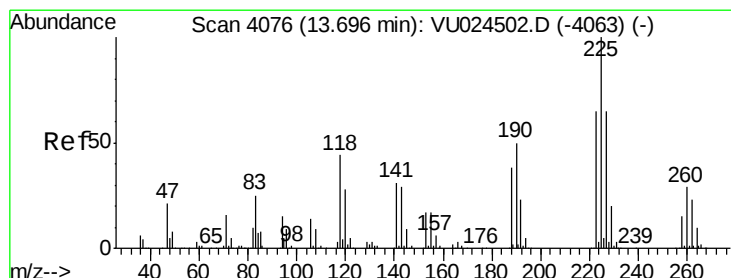
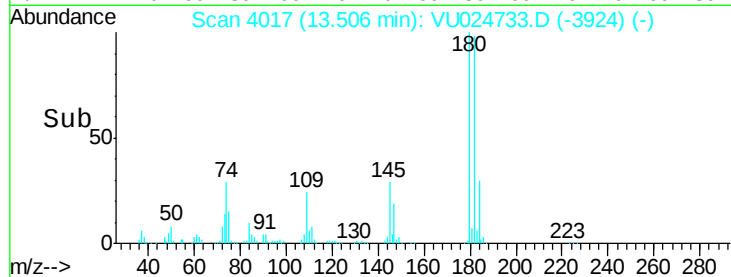
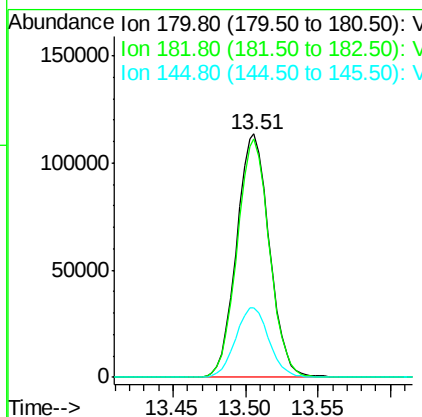
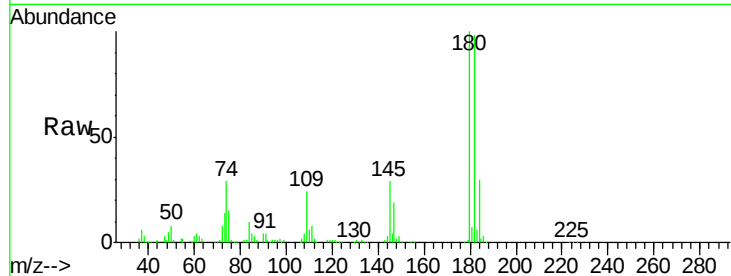
#93
 1,2,4-Trichlorobenzene
 Concen: 52.11 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	178245		
182	96.5	48.0	144.2	
145	29.1	14.7	44.1	

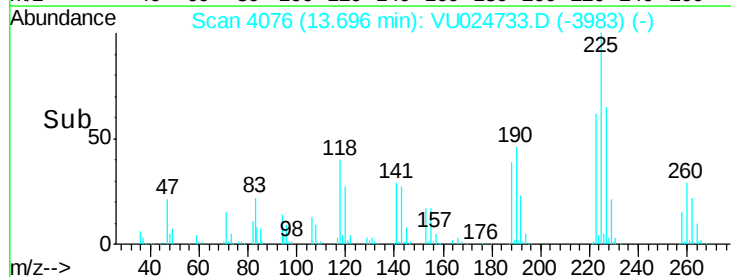
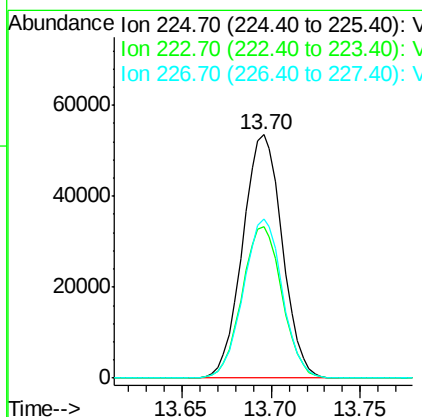
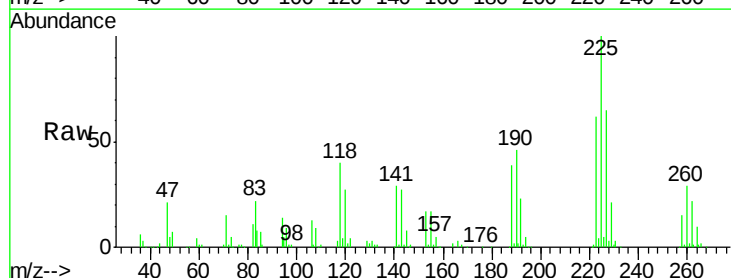
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#94
 Hexachlorobutadiene
 Concen: 43.08 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024733.D
 Acq: 19 Jun 2018 09:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82943		
223	62.8	31.3	93.8	
227	64.4	31.8	95.4	





#95

Naphthalene

Concen: 55.99 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Instrument :

MSVOA_U

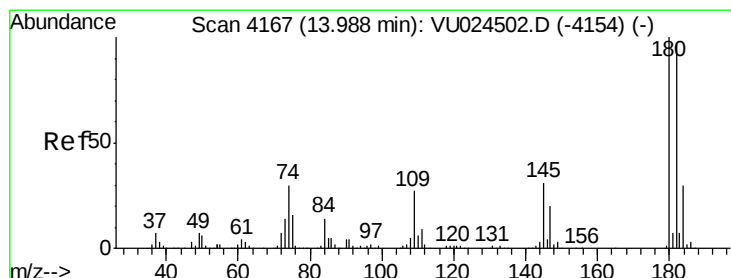
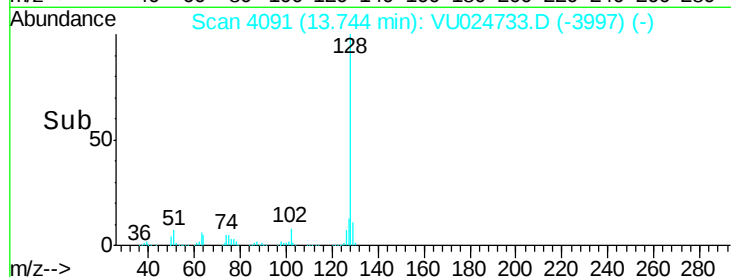
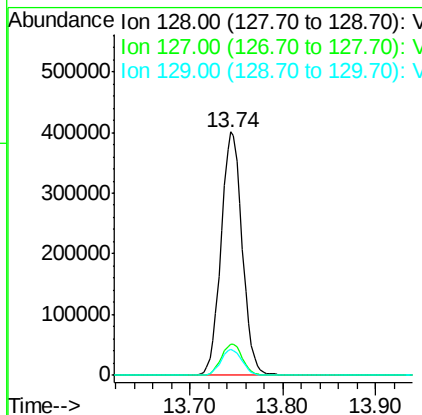
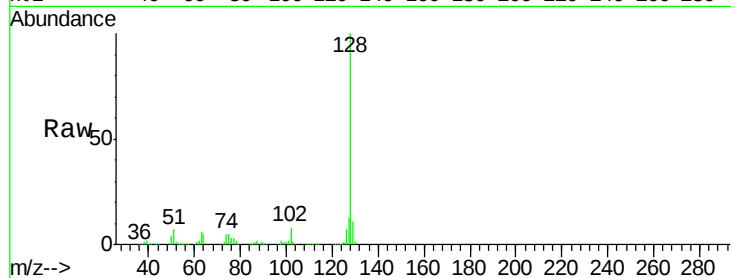
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	634952
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.7	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 56.47 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU024733.D

Acq: 19 Jun 2018 09:10

Tgt Ion:	180	Resp:	192471
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.7
145	31.3	15.4	46.1

