

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070318\
 Data File : VU025202.D
 Acq On : 03 Jul 2018 20:28
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 7/5/2018 2:30:31 PM

Quant Time: Jul 05 04:46:41 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	164290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	253125	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	236355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	143405	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	125721	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	
35) Dibromofluoromethane	4.89	113	105429	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
50) Toluene-d8	7.57	98	327967	42.80	ug/l	0.00
Spiked Amount			Recovery	=	85.60%	
62) 4-Bromofluorobenzene	10.31	95	143195	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86883	42.250	ug/l	99
3) Chloromethane	1.33	50	92074	43.826	ug/l	99
4) Vinyl Chloride	1.40	62	103465	47.754	ug/l	97
5) Bromomethane	1.61	94	62861	60.017	ug/l	98
6) Chloroethane	1.69	64	67018	55.470	ug/l	99
7) Trichlorofluoromethane	1.88	101	166664	50.405	ug/l	98
8) Diethyl Ether	2.10	74	64833	57.915	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.28	101	102590	50.012	ug/l	97
10) Methyl Iodide	2.41	142	117833	65.984	ug/l	98
11) Tert butyl alcohol	2.83	59	174224	267.091	ug/l	99
12) 1,1-Dichloroethene	2.28	96	94148	50.328	ug/l	96
13) Acrolein	2.19	56	40047	116.911	ug/l	99
14) Allyl chloride	2.59	41	161438	46.479	ug/l	99
15) Acrylonitrile	2.93	53	349090	275.062	ug/l	99
16) Acetone	2.32	43	333704	231.566	ug/l	99
17) Carbon Disulfide	2.48	76	256245	42.779	ug/l	100
18) Methyl Acetate	2.62	43	217668	70.457	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	384999	54.751	ug/l	97
20) Methylene Chloride	2.70	84	118752	52.519	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	104100	50.525	ug/l	98
22) Diisopropyl ether	3.57	45	367484	53.371	ug/l	96
23) Vinyl Acetate	3.53	43	1528598	247.831	ug/l	98
24) 1,1-Dichloroethane	3.45	63	210813	53.223	ug/l	98
25) 2-Butanone	4.26	43	508671	262.786	ug/l	96
26) 2,2-Dichloropropane	4.23	77	151994	40.412	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	126348	53.340	ug/l	96
28) Bromochloromethane	4.55	49	79507	45.571	ug/l	85
29) Tetrahydrofuran	4.64	42	323764	270.094	ug/l	97
30) Chloroform	4.68	83	219637	54.784	ug/l	99
31) Cyclohexane	5.00	56	180992	51.515	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	201426	54.331	ug/l	96
36) 1,1-Dichloropropene	5.14	75	153763	51.695	ug/l	97
37) Ethyl Acetate	4.38	43	186399	57.497	ug/l	98
38) Carbon Tetrachloride	5.14	117	178491	54.570	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	186266	50.182	ug/l	95
40) Benzene	5.39	78	455580	53.753	ug/l	99
41) Methacrylonitrile	4.55	41	102260	58.504	ug/l	98
42) 1,2-Dichloroethane	5.41	62	185176	57.366	ug/l	100
43) Isopropyl Acetate	5.55	43	292700	52.233	ug/l	99
44) Trichloroethene	6.19	130	124262	51.516	ug/l	94
45) 1,2-Dichloropropane	6.44	63	122108	53.995	ug/l	98
46) Dibromomethane	6.56	93	88029	55.418	ug/l	95
47) Bromodichloromethane	6.76	83	167762	53.037	ug/l	99
48) Methyl methacrylate	6.63	41	153113	56.112	ug/l	98
49) 1,4-Dioxane	6.61	88	69592	1304.121	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	973355	276.476	ug/l	98
52) Toluene	7.64	92	291341	53.430	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	178174	50.159	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	188483	49.797	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	122575	55.301	ug/l	98
56) Ethyl methacrylate	8.02	69	195649	52.738	ug/l	100
57) 1,3-Dichloropropane	8.25	76	207802	55.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	329145	231.586	ug/l	95
59) 2-Hexanone	8.36	43	777788	270.609	ug/l	99
60) Dibromochloromethane	8.48	129	140493	50.830	ug/l	99
61) 1,2-Dibromoethane	8.59	107	136574	55.360	ug/l	100
64) Tetrachloroethene	8.23	164	121108	53.906	ug/l	99
65) Chlorobenzene	9.12	112	334906	55.466	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	127326	55.505	ug/l	98
67) Ethyl Benzene	9.25	91	578928	54.693	ug/l	97
68) m/p-Xylenes	9.38	106	452964	111.439	ug/l	97
69) o-Xylene	9.78	106	225134	55.966	ug/l	96
70) Styrene	9.80	104	361236	54.645	ug/l	99
71) Bromoform	9.96	173	111015	50.915	ug/l #	99
73) Isopropylbenzene	10.17	105	607667	55.192	ug/l	99
74) N-amyl acetate	10.01	43	263212	50.261	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	209347	56.741	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	177028m	56.070	ug/l	
77) Bromobenzene	10.45	156	156478	56.139	ug/l	94
78) n-propylbenzene	10.59	91	678271	52.296	ug/l	97
79) 2-Chlorotoluene	10.66	91	412830	53.976	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	519012	54.387	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	64424m	47.226	ug/l	
82) 4-Chlorotoluene	10.78	91	478601	53.763	ug/l	100
83) tert-Butylbenzene	11.10	119	516624	56.280	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	529730	54.470	ug/l	100
85) sec-Butylbenzene	11.33	105	623258	54.242	ug/l	98
86) p-Isopropyltoluene	11.48	119	544558	52.916	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	283242	55.002	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	282855	54.572	ug/l	99
89) n-Butylbenzene	11.89	91	439869	48.144	ug/l	97
90) Hexachloroethane	12.15	117	96211	47.925	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	292080	56.627	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53028	52.088	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	183989	57.764	ug/l	99
94) Hexachlorobutadiene	13.70	225	94604	52.769	ug/l	99
95) Naphthalene	13.74	128	623913	59.044	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	192979	60.803	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 164290

Ion Ratio Lower Upper

168 100

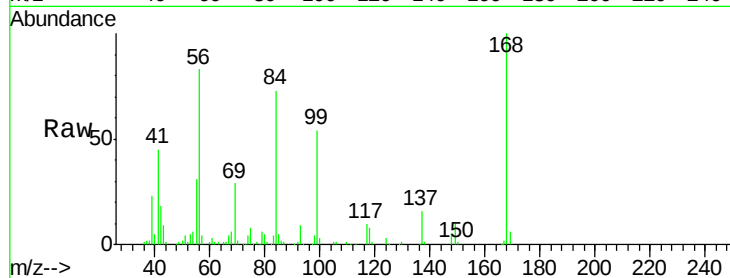
99 53.5 43.2 64.8

Manual Integrations

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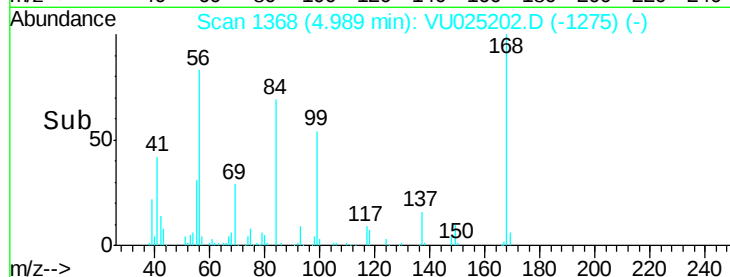
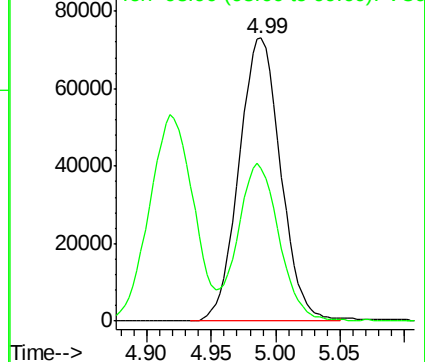
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 42.250 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025202.D

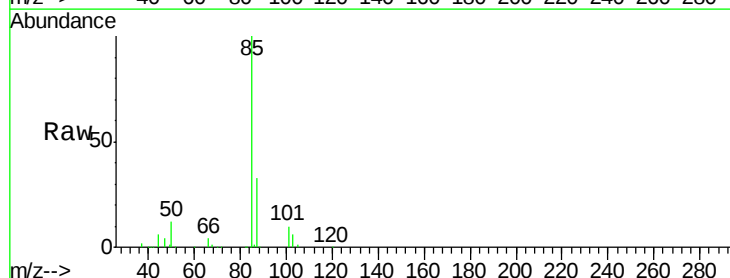
Acq: 03 Jul 2018 20:28

Tgt Ion: 85 Resp: 86883

Ion Ratio Lower Upper

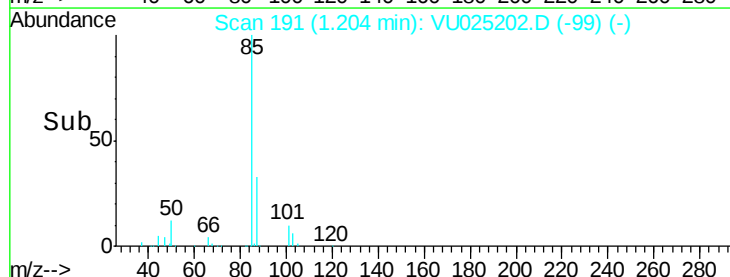
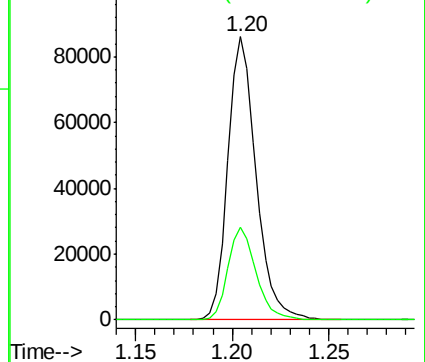
85 100

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: 43.826 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 92074

Ion Ratio Lower Upper

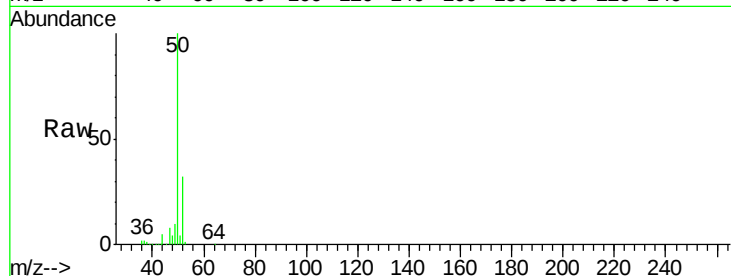
50 100

52 32.4 26.4 39.6

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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

100000

80000

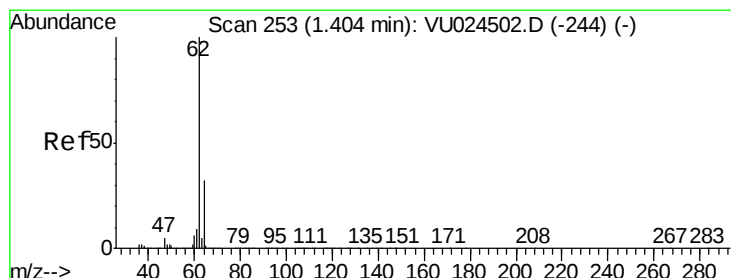
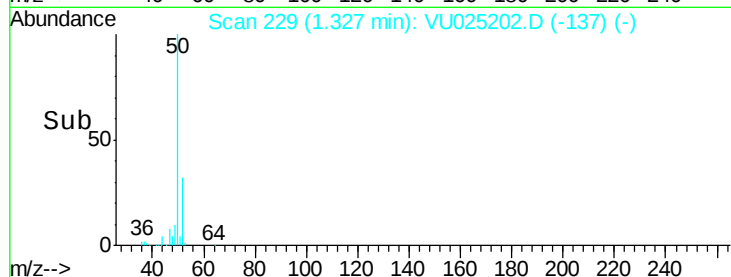
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 47.754 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025202.D

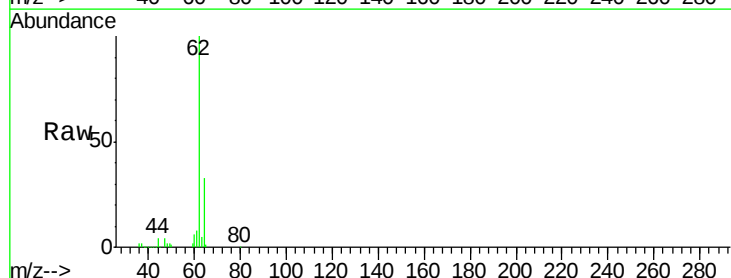
Acq: 03 Jul 2018 20:28

Tgt Ion: 62 Resp: 103465

Ion Ratio Lower Upper

62 100

64 32.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

100000

80000

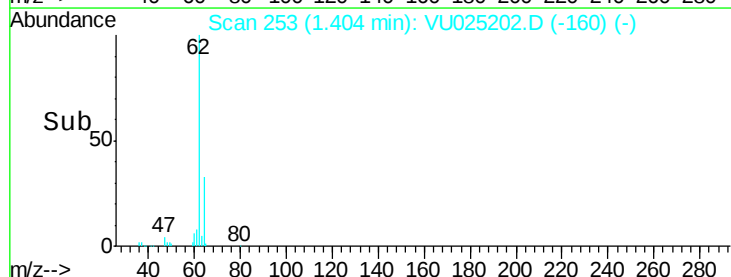
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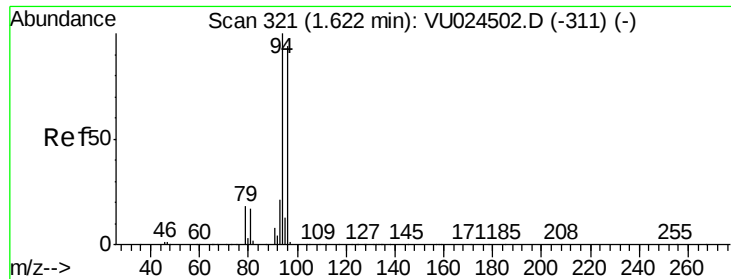
40000

20000

0

Time-->





#5

Bromomethane

Concen: 60.017 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 62861

Ion Ratio Lower Upper

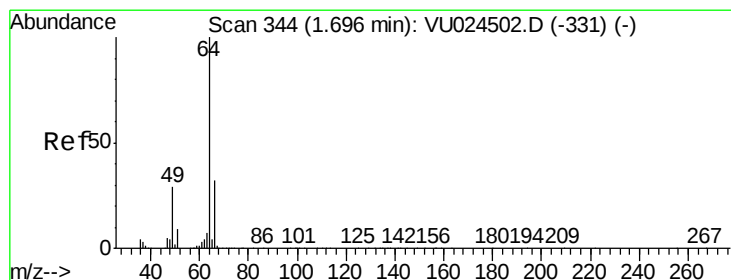
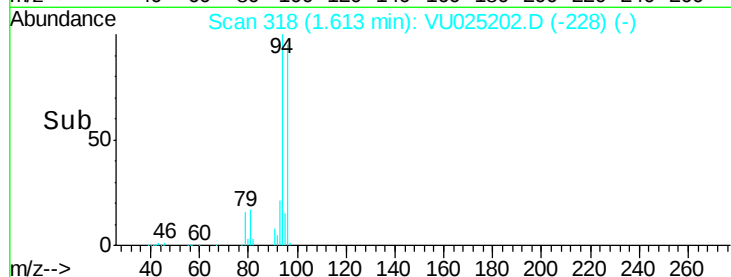
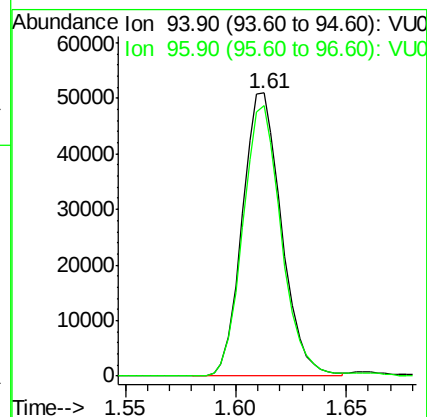
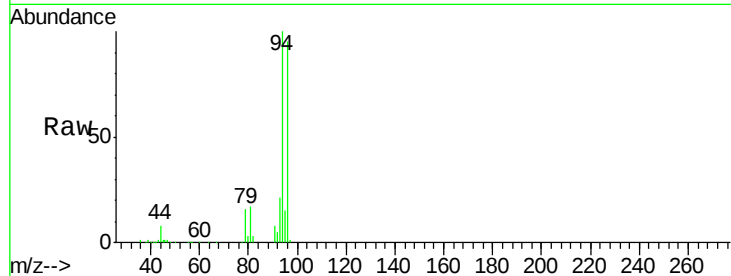
94 100

96 95.4 74.5 111.7

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#6

Chloroethane

Concen: 55.470 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU025202.D

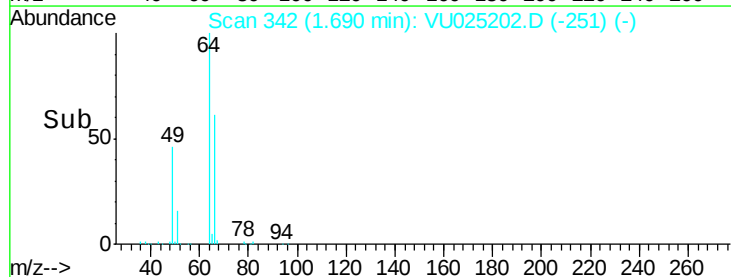
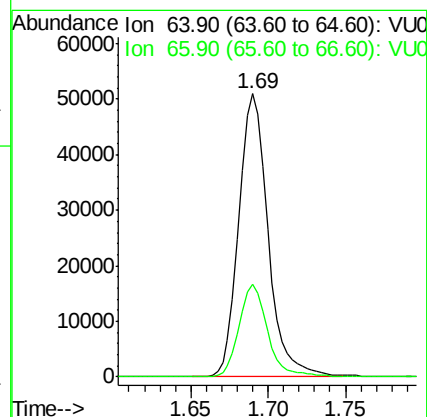
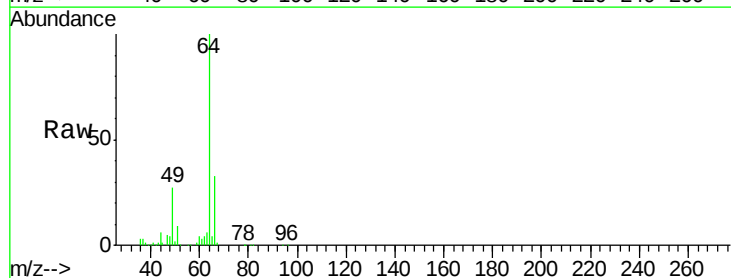
Acq: 03 Jul 2018 20:28

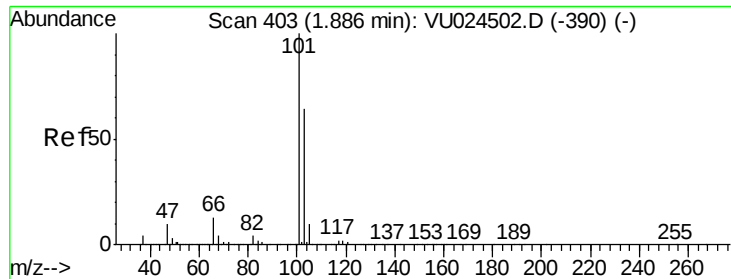
Tgt Ion: 64 Resp: 67018

Ion Ratio Lower Upper

64 100

66 32.6 25.5 38.3





#7

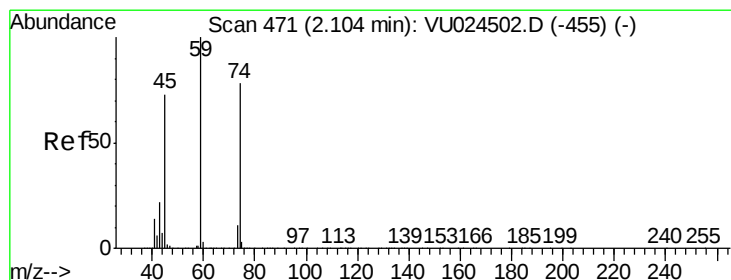
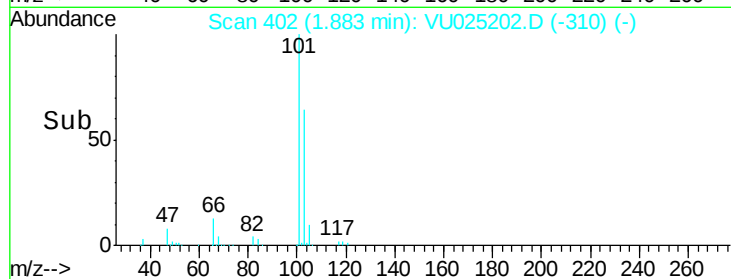
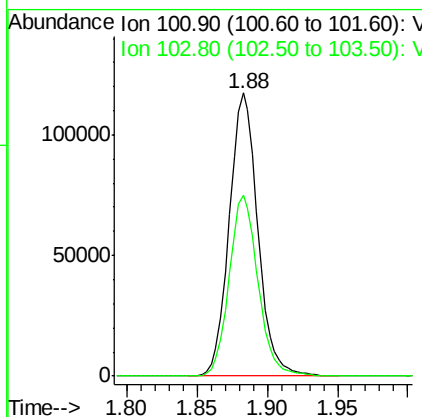
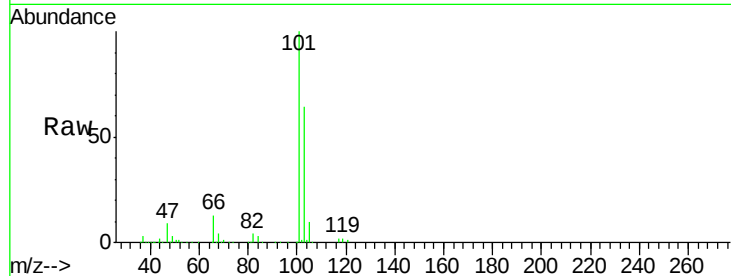
Trichlorofluoromethane
 Concen: 50.405 ug/l
 RT: 1.88 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.3	78.5

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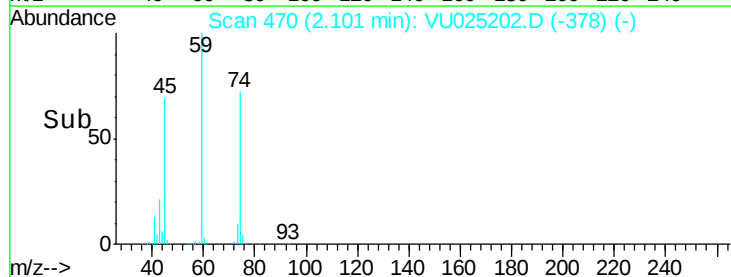
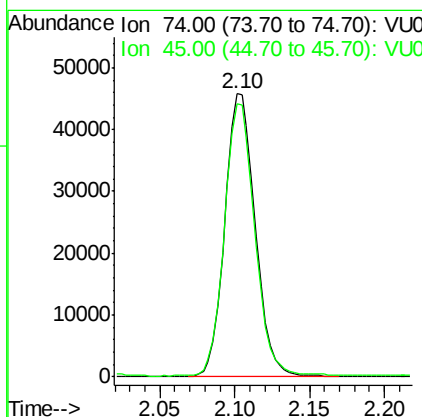
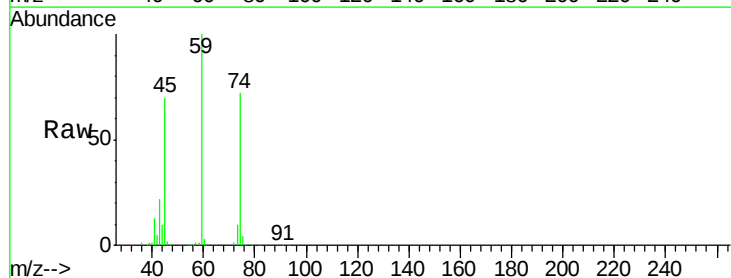
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#8

Diethyl Ether
 Concen: 57.915 ug/l
 RT: 2.10 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.012 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

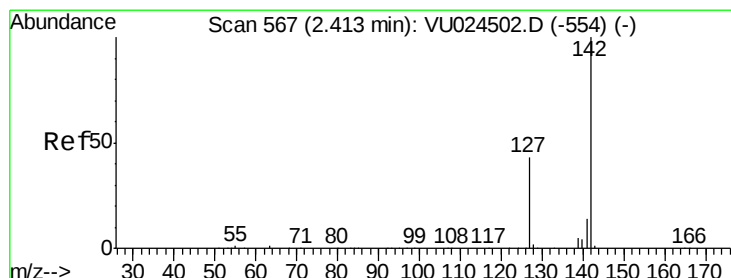
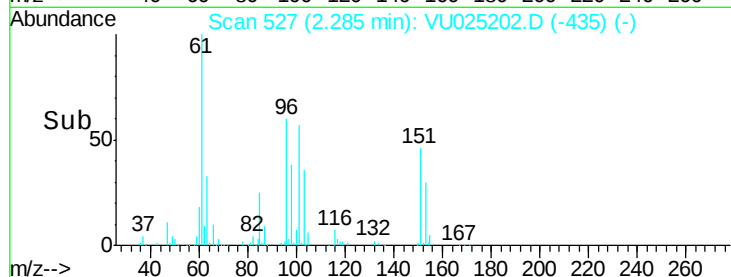
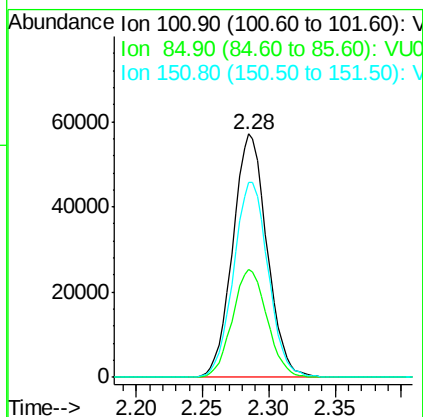
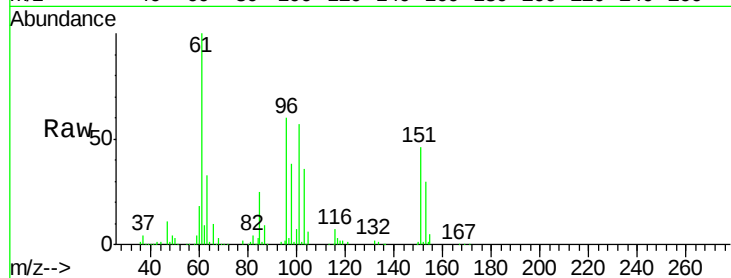
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	102590
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.0	54.0
151	81.3	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 65.984 ug/l

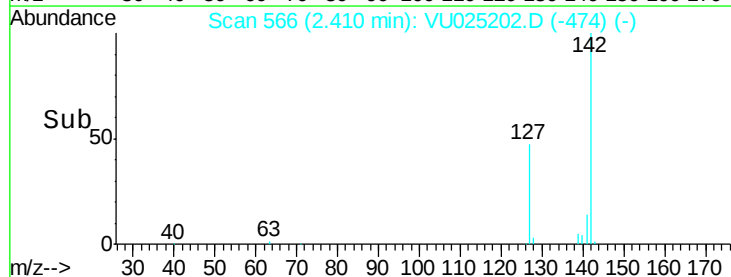
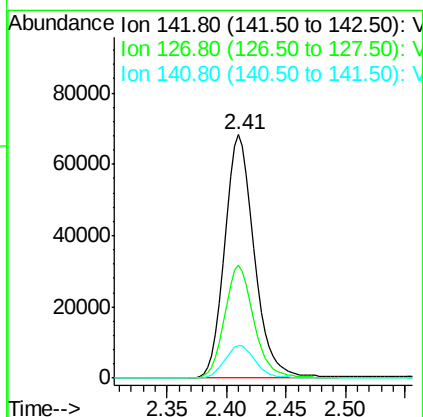
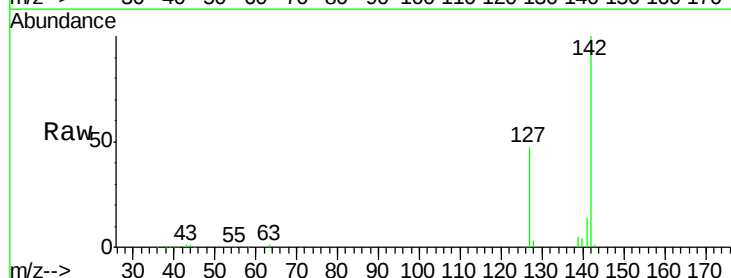
RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Tgt Ion:	142	Resp:	117833
Ion Ratio	Lower	Upper	
142	100		
127	46.0	35.6	53.4
141	13.9	11.7	17.5





#11

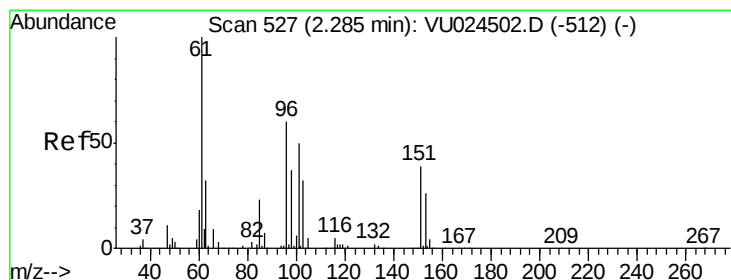
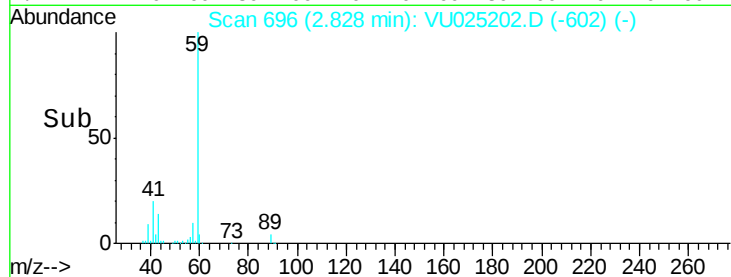
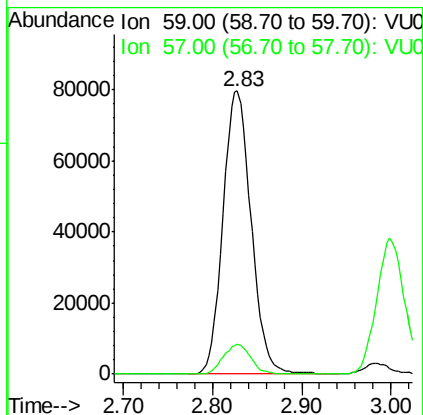
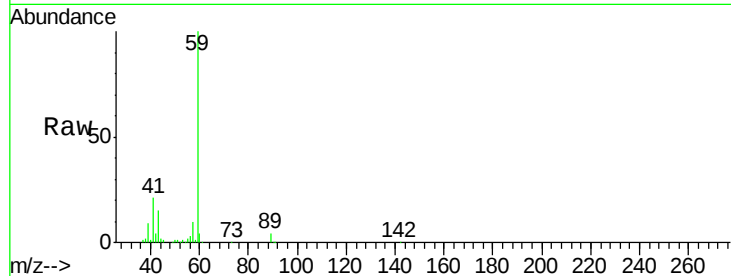
Tert butyl alcohol
 Concen: 267.091 ug/l
 RT: 2.83 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

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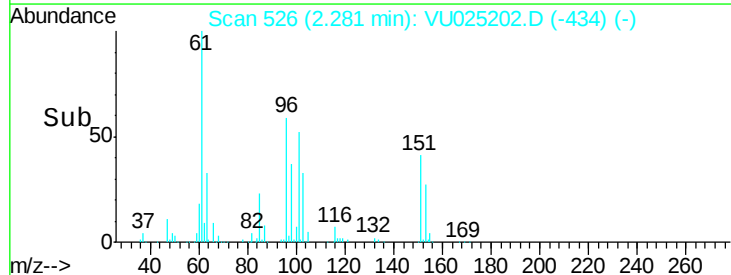
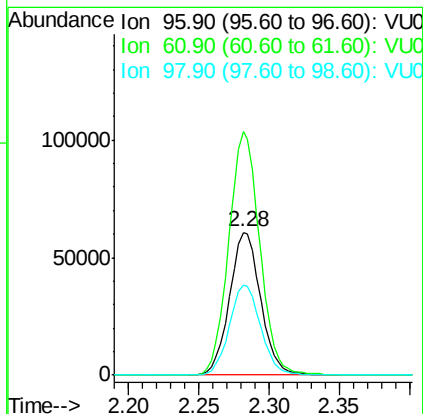
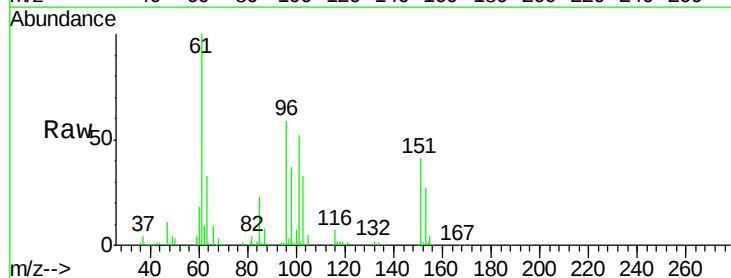
sam
 7/5/2018 2:30:31 PM



#12

1,1-Dichloroethene
 Concen: 50.328 ug/l
 RT: 2.28 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.2	141.7	212.5
98	63.4	51.6	77.4





#13

Acrolein

Concen: 116.911 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 40047

Ion Ratio Lower Upper

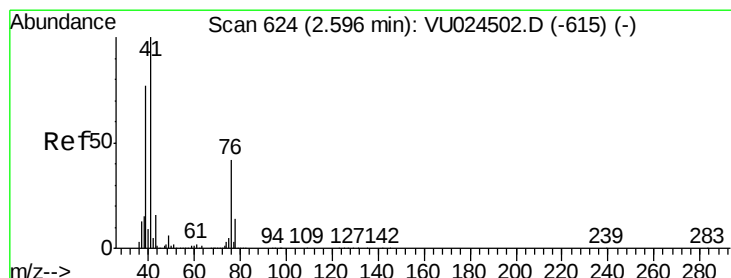
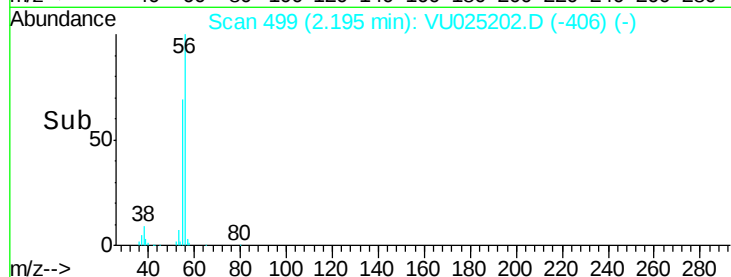
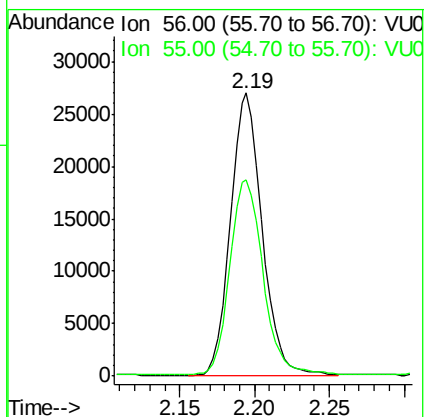
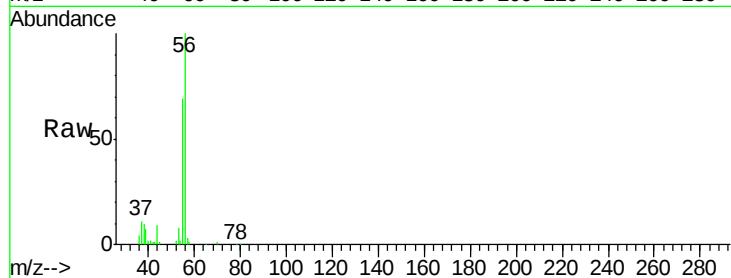
56 100

55 72.2 58.4 87.6

Manual Integrations
APPROVED

sam

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#14

Allyl chloride

Concen: 46.479 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

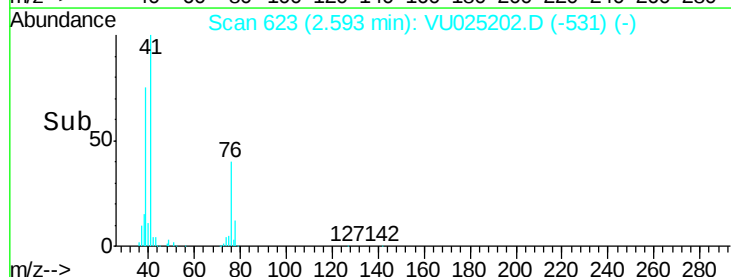
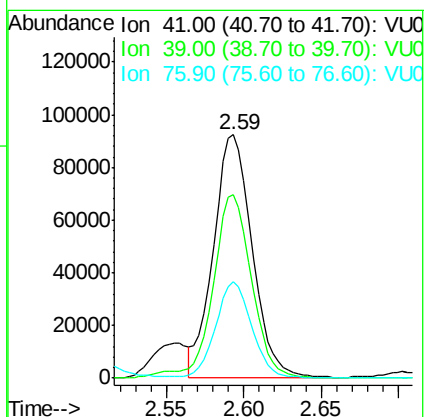
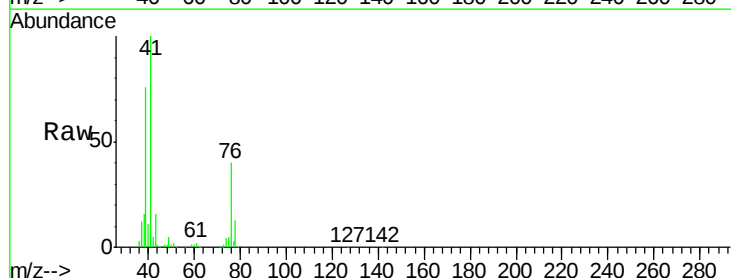
Tgt Ion: 41 Resp: 161438

Ion Ratio Lower Upper

41 100

39 75.4 61.6 92.4

76 37.0 29.7 44.5





#15

Acrylonitrile

Concen: 275.062 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

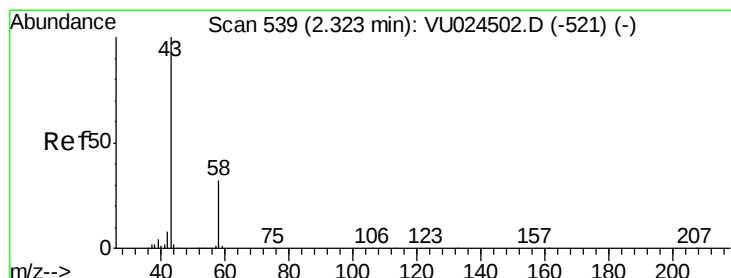
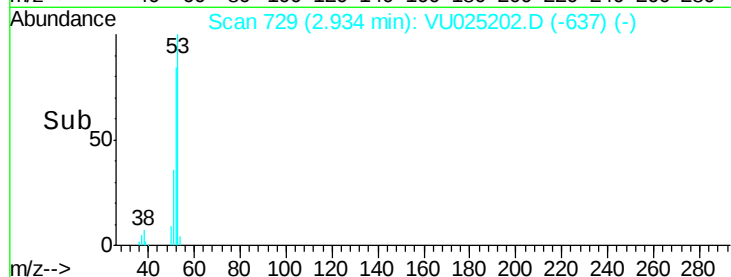
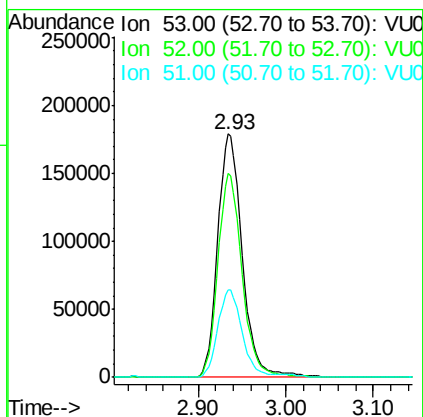
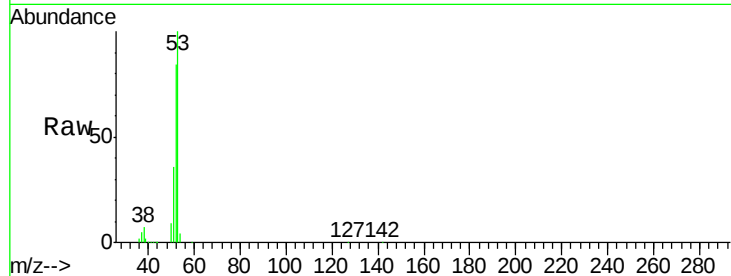
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	349090
Ion Ratio	Lower	Upper	
53	100		
52	82.7	67.1	100.7
51	35.5	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 231.566 ug/l

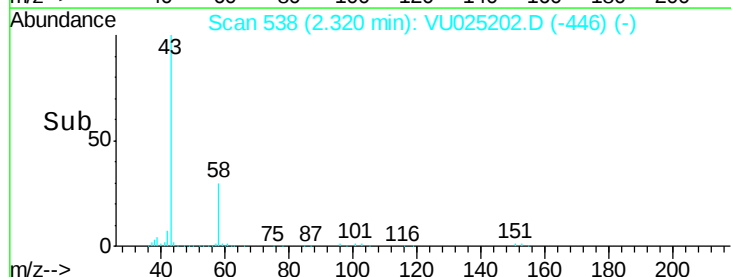
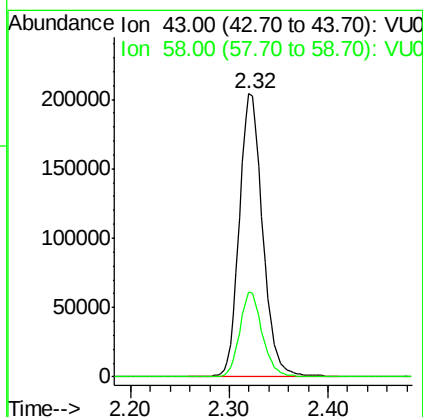
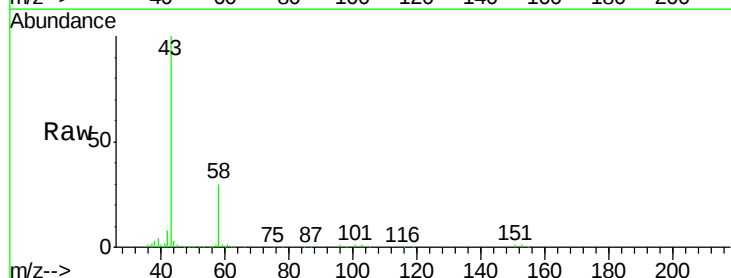
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Tgt Ion:	43	Resp:	333704
Ion Ratio	Lower	Upper	
43	100		
58	30.0	24.4	36.6





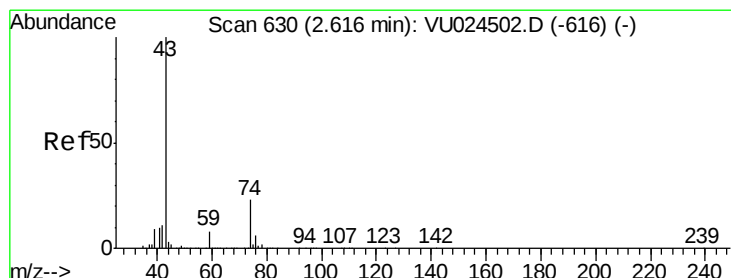
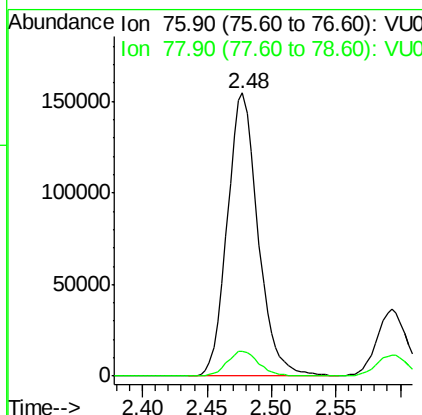
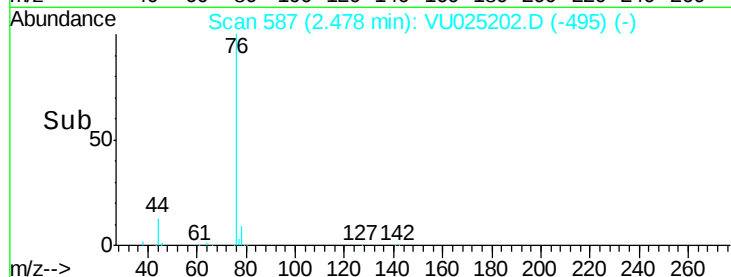
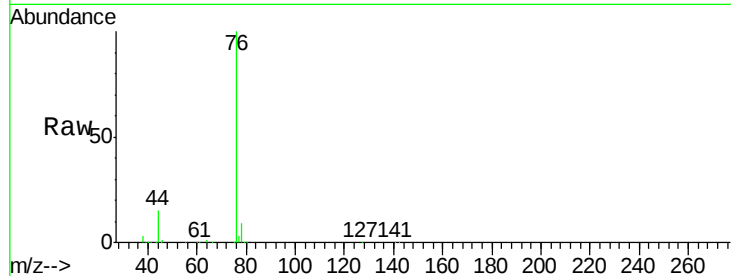
#17
Carbon Disulfide
Concen: 42.779 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

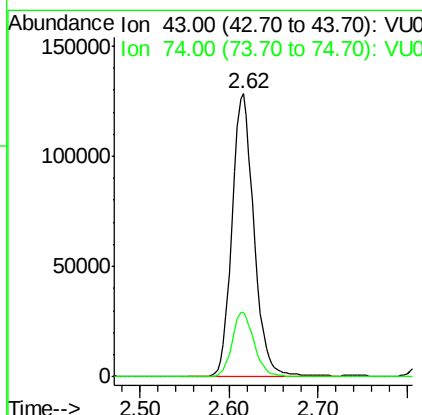
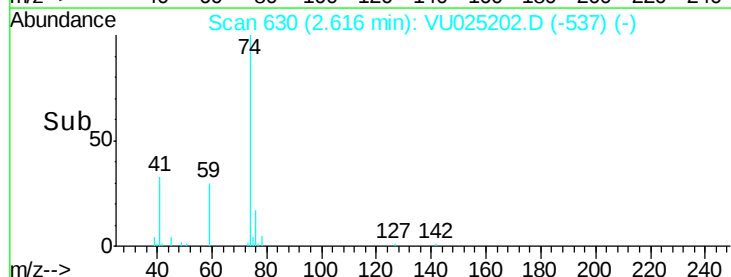
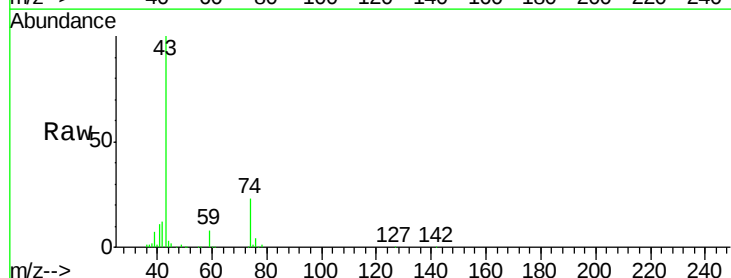
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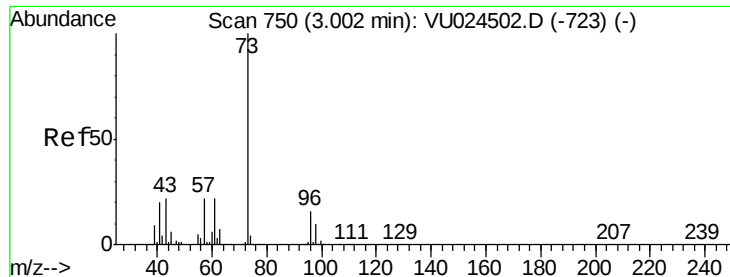
sam
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#18
Methyl Acetate
Concen: 70.457 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.0	27.0





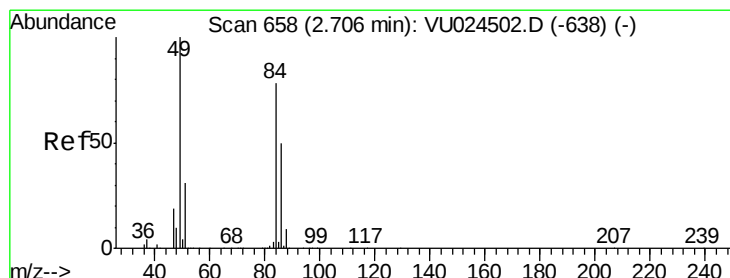
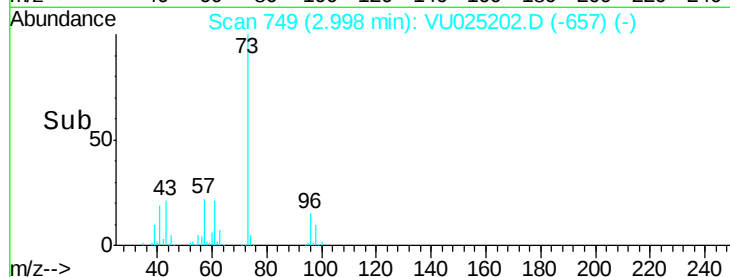
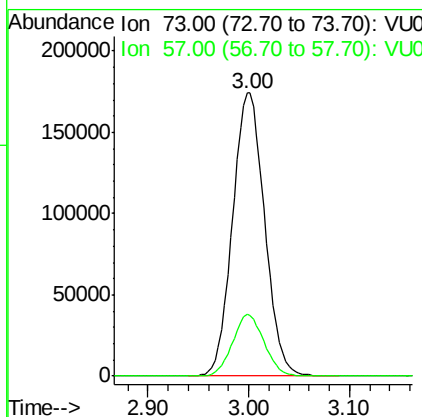
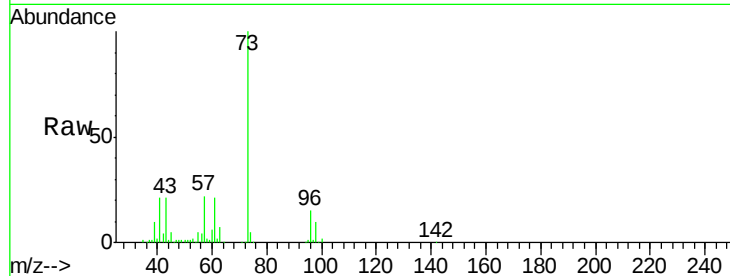
#19
Methvl tert-butvl Ether
Concen: 54.751 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.8	28.2

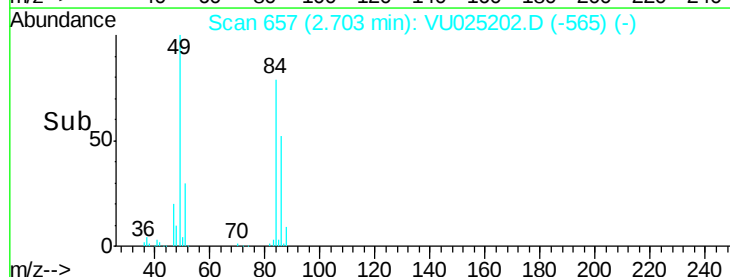
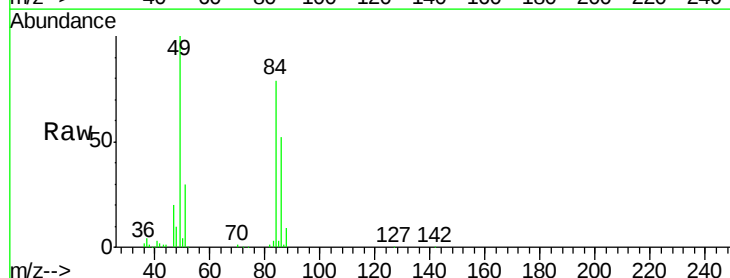
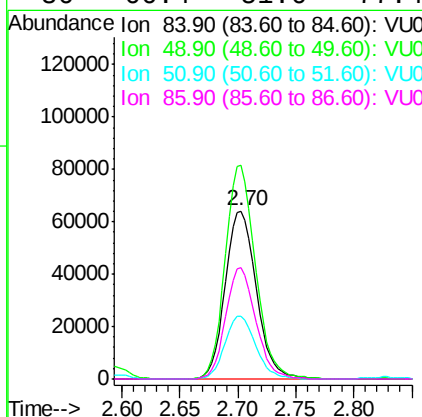
Manual Integrations
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sam
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#20
Methylene Chloride
Concen: 52.519 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.0	103.8	155.8
51	37.5	32.0	48.0
86	66.4	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 50.525 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

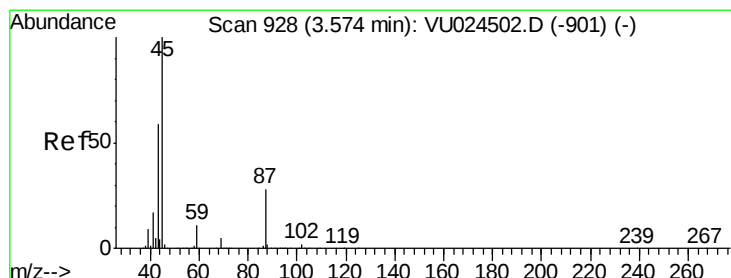
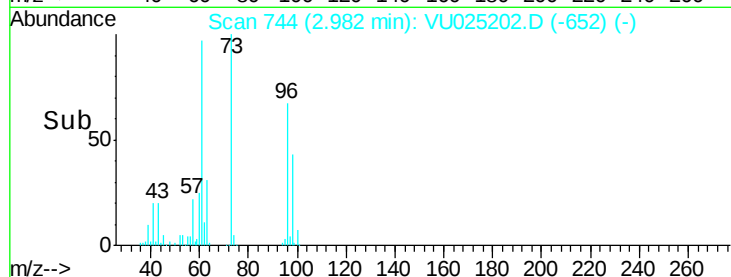
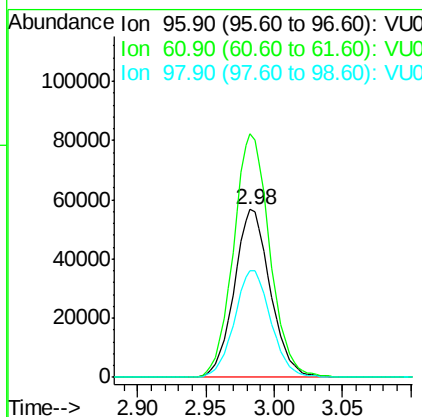
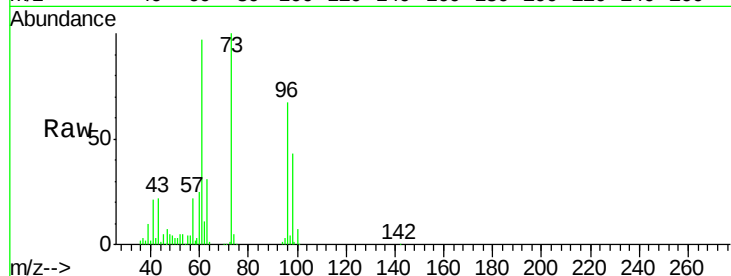
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	104100
Ion Ratio	Lower	Upper	
96	100		
61	145.3	119.4	179.0
98	64.0	51.1	76.7

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 53.371 ug/l

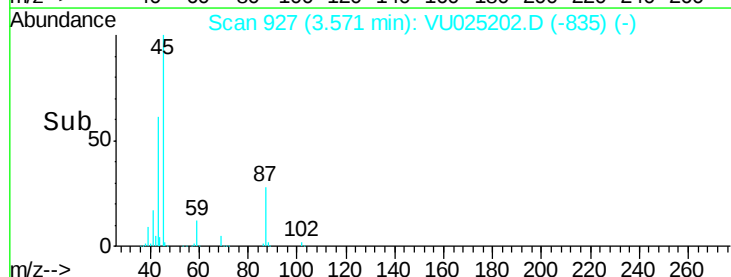
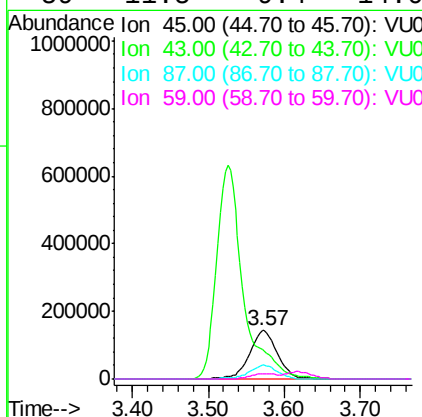
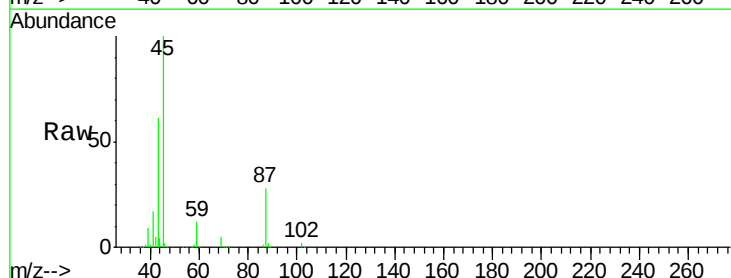
RT: 3.57 min Scan# 927

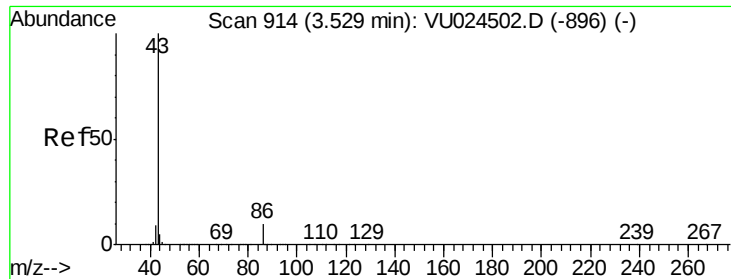
Delta R.T. -0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Tgt Ion:	45	Resp:	367484
Ion Ratio	Lower	Upper	
45	100		
43	61.0	45.8	68.6
87	28.1	20.6	31.0
59	11.5	9.4	14.0





#23

Vinyl Acetate

Concen: 247.831 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1528598

Ion Ratio Lower Upper

43 100

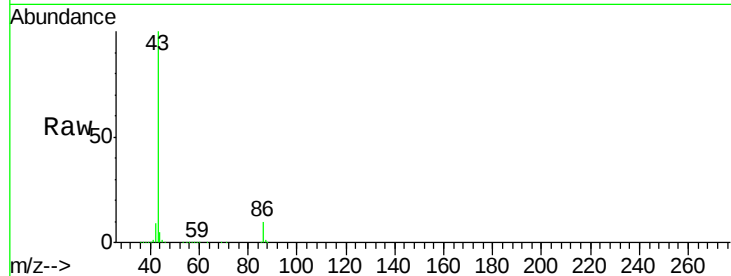
86 10.5 7.8 11.8

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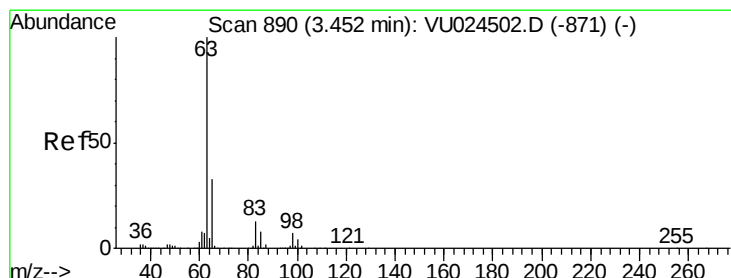
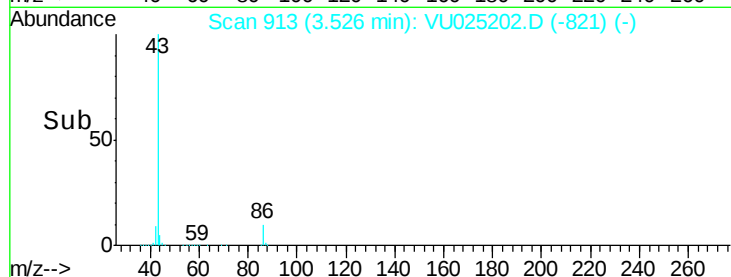
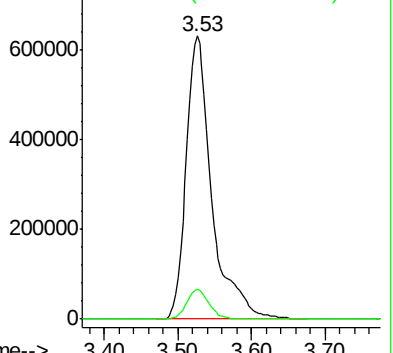
sam

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 53.223 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

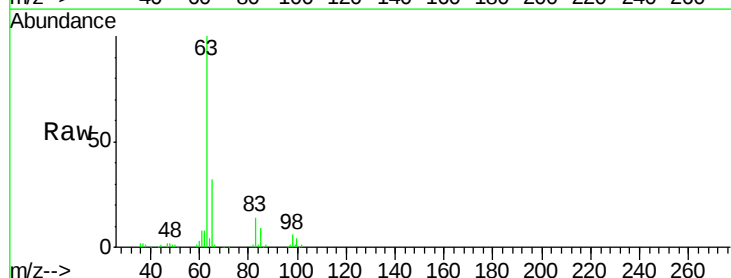
Tgt Ion: 63 Resp: 210813

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

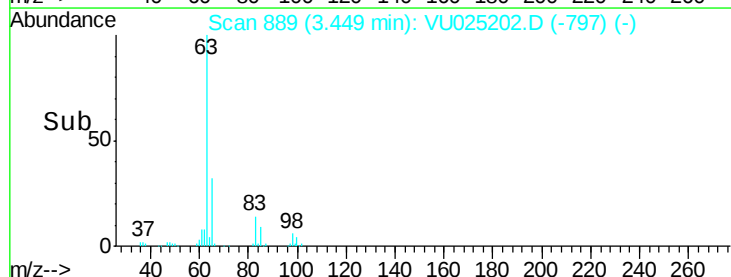
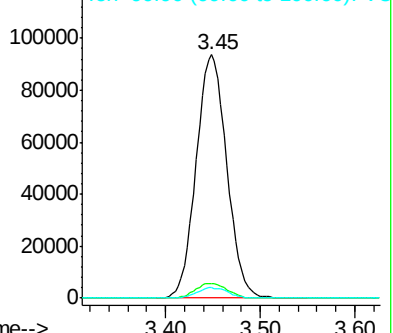
100 4.2 1.8 5.5

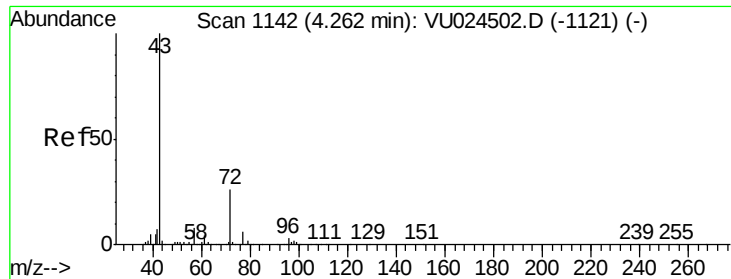


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





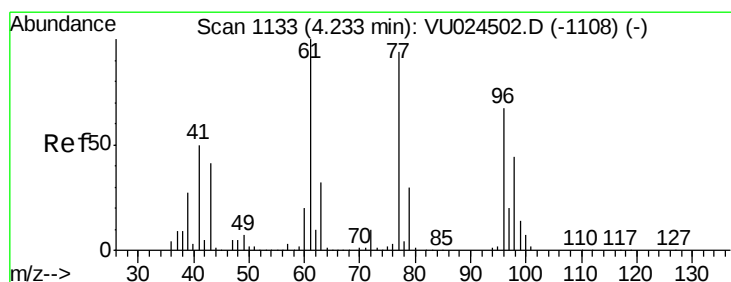
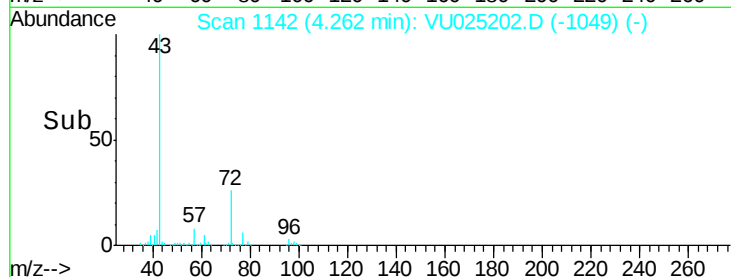
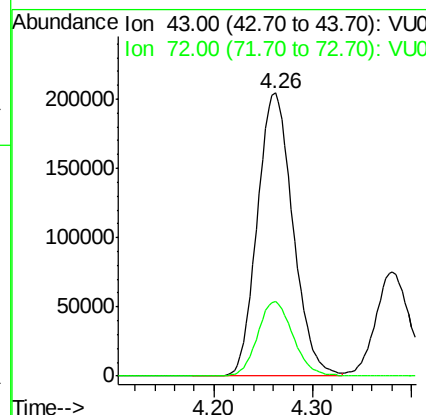
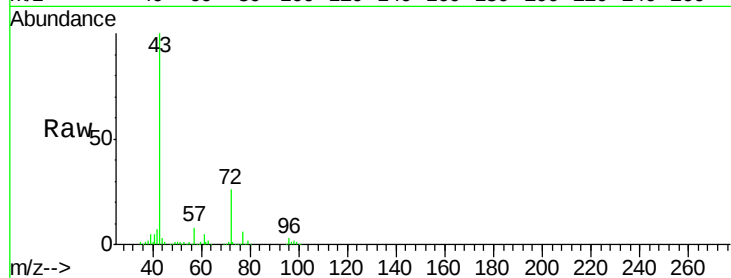
#25
2-Butanone
Concen: 262.786 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 508671
Ion Ratio Lower Upper
43 100
72 26.3 19.6 29.4

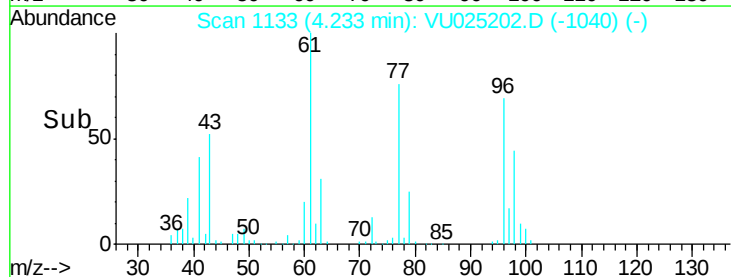
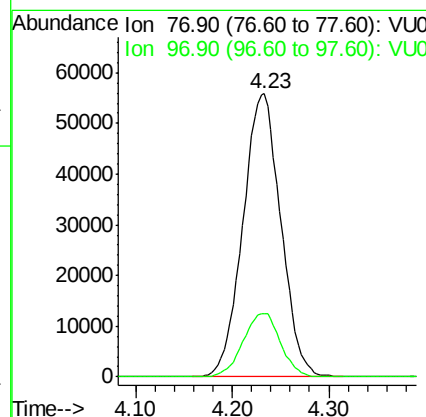
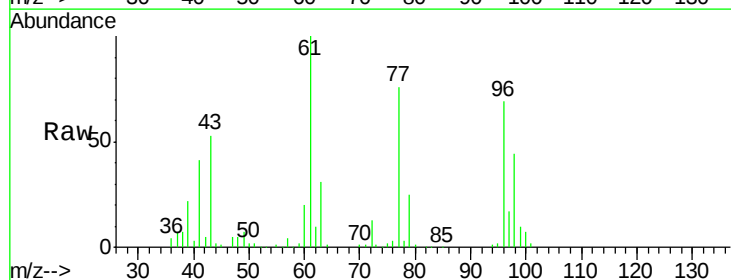
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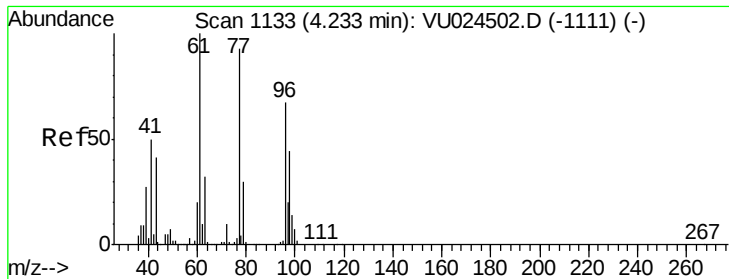
sam
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#26
2,2-Dichloropropane
Concen: 40.412 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion: 77 Resp: 151994
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 53.340 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

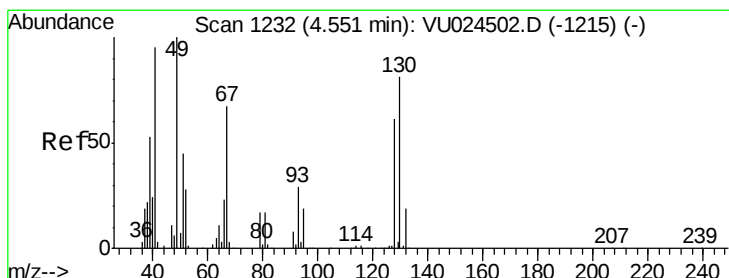
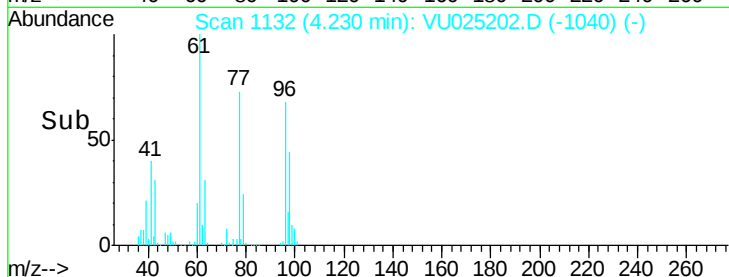
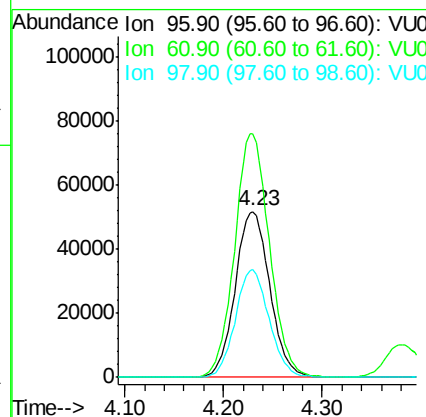
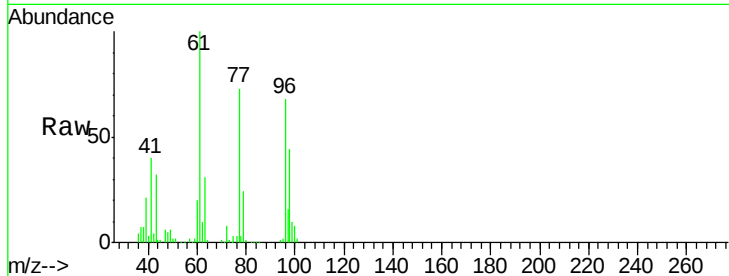
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	126348
Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	306.6
98	63.4	0.0	128.8

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#28

Bromochloromethane

Concen: 45.571 ug/l

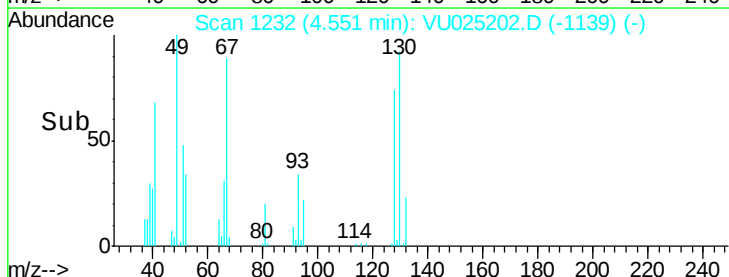
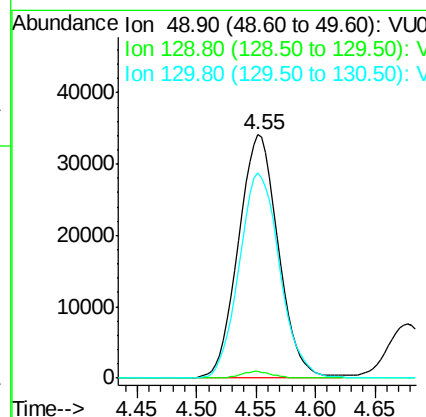
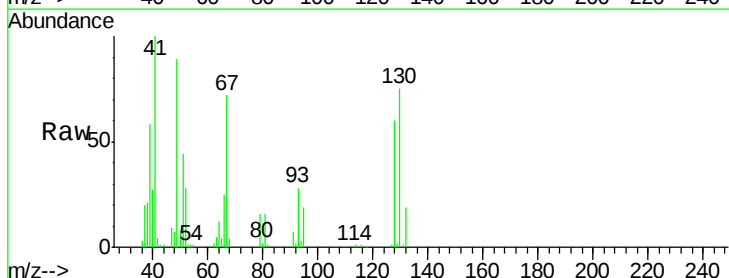
RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Tgt Ion:	49	Resp:	79507
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	85.4	57.8	86.6





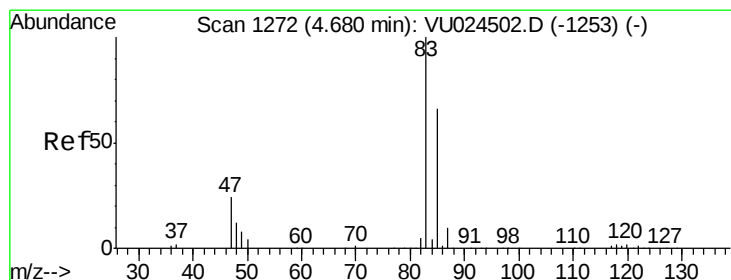
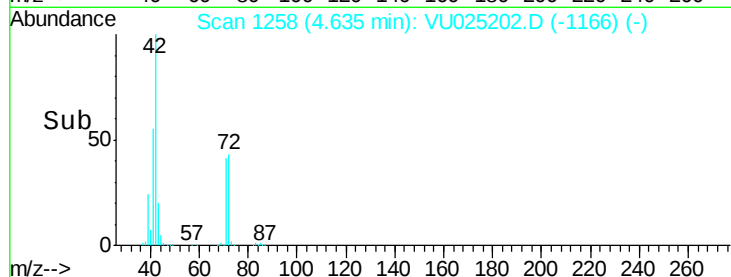
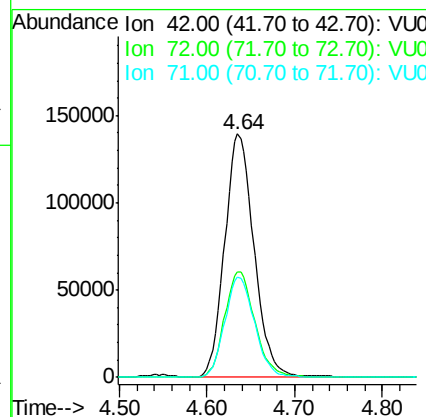
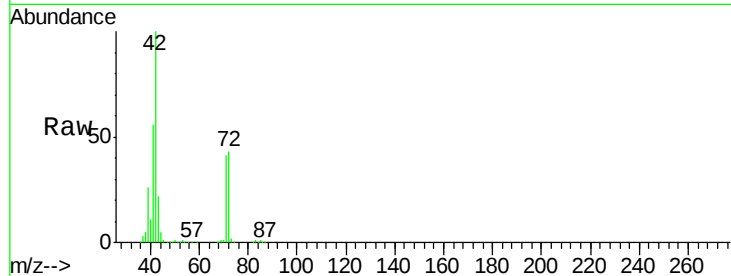
#29
Tetrahydrofuran
Concen: 270.094 ug/l
RT: 4.64 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	323764
Ion Ratio	Lower	Upper	
42	100		
72	44.8	34.5	51.7
71	41.8	32.2	48.4

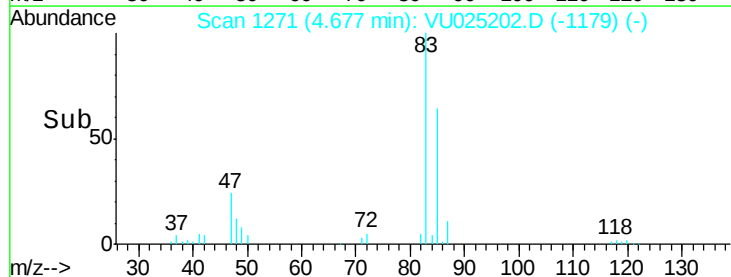
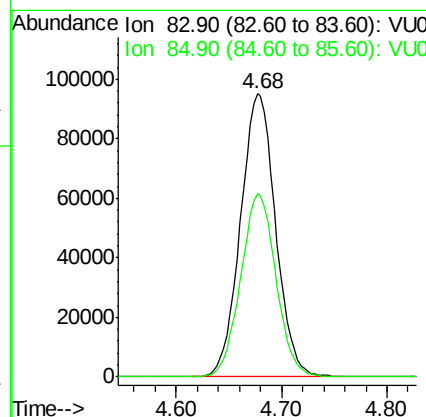
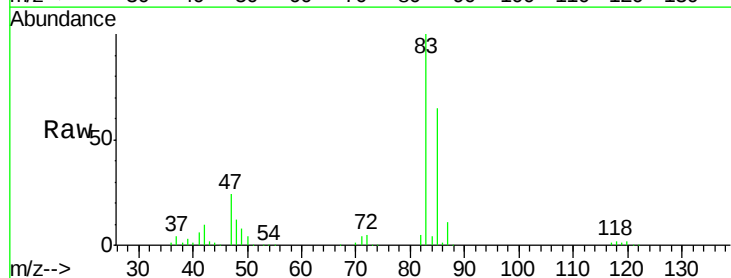
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#30
Chloroform
Concen: 54.784 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion:	83	Resp:	219637
Ion Ratio	Lower	Upper	
83	100		
85	64.6	52.4	78.6





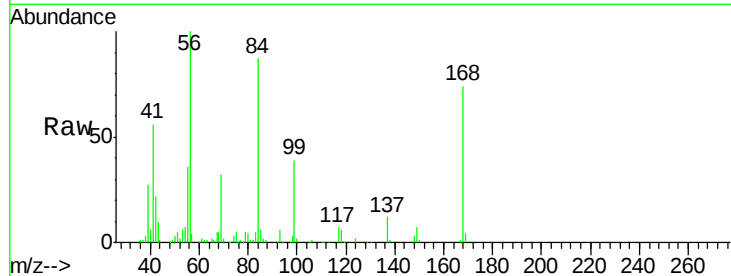
#31
Cyclohexane
Concen: 51.515 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

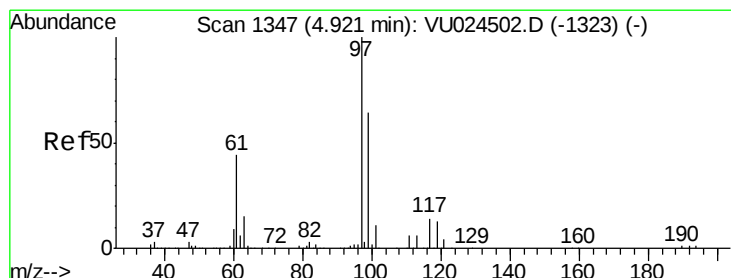
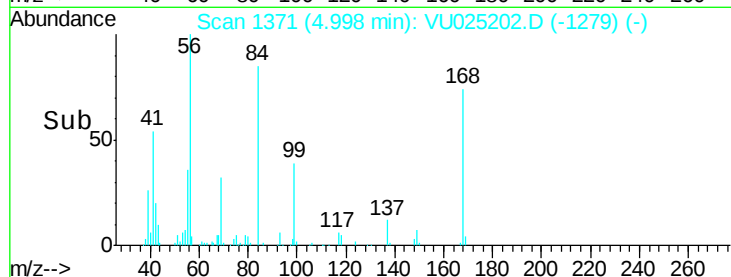
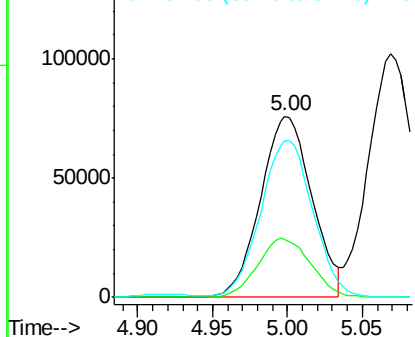
Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.8	37.2
84	85.3	65.2	97.8

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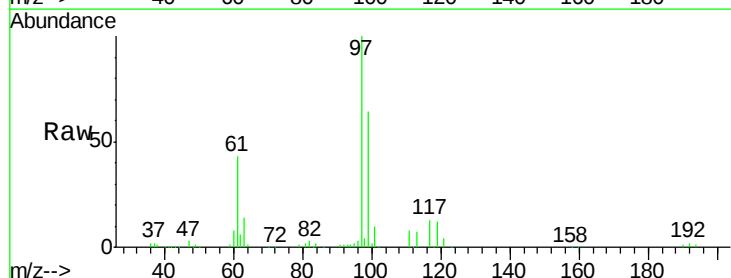


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

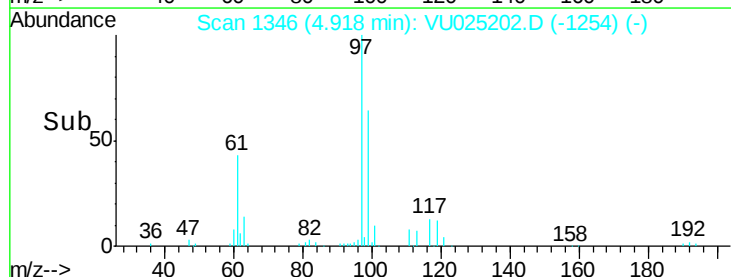
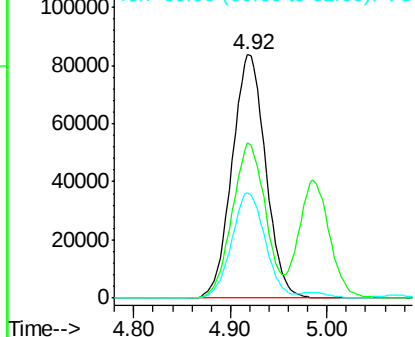


#32
1,1,1-Trichloroethane
Concen: 54.331 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.0	76.6
61	43.3	39.4	59.0



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0





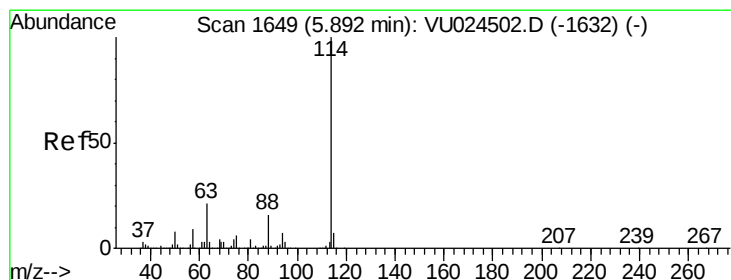
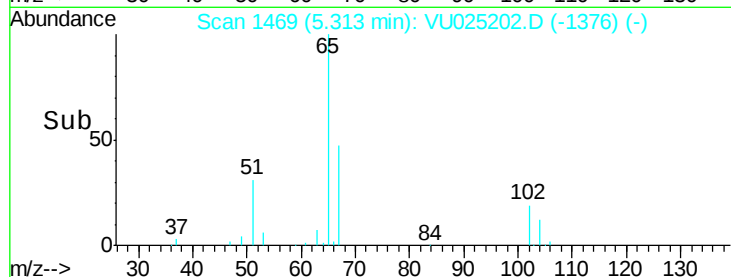
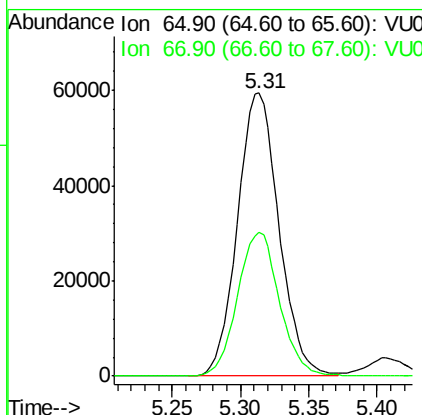
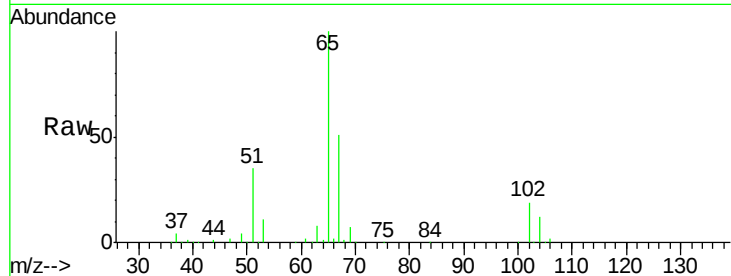
#33
 1,2-Dichloroethane-d4
 Concen: 46.875 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	107.0

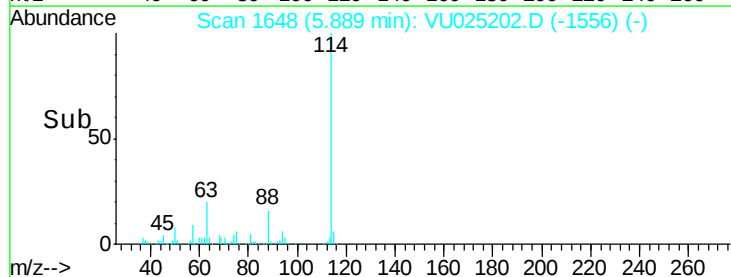
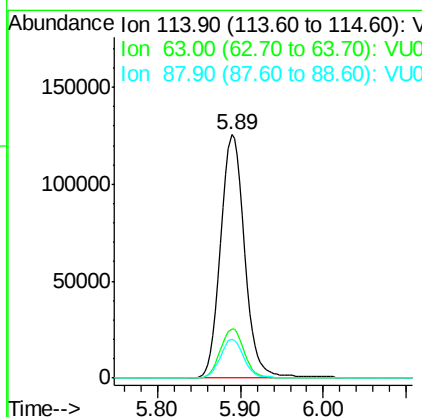
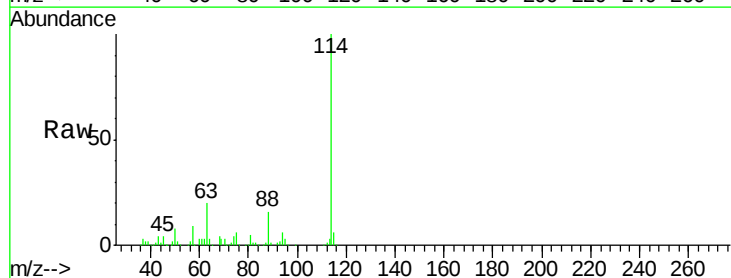
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	45.4
88	16.0	0.0	31.0





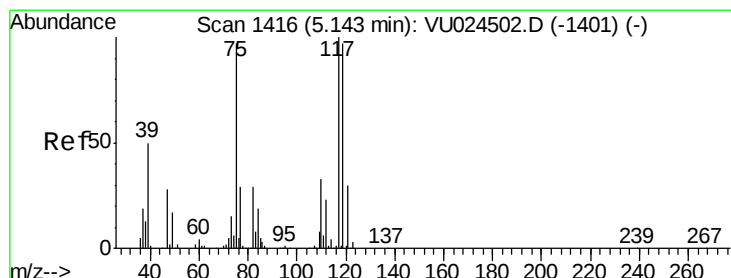
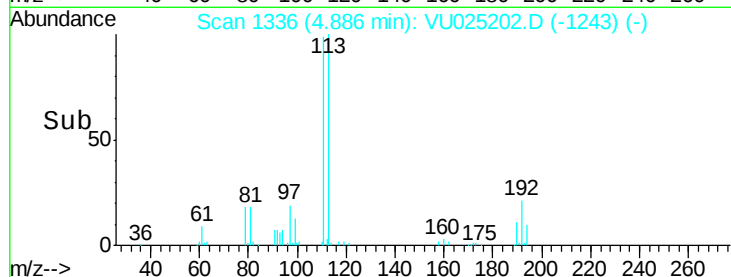
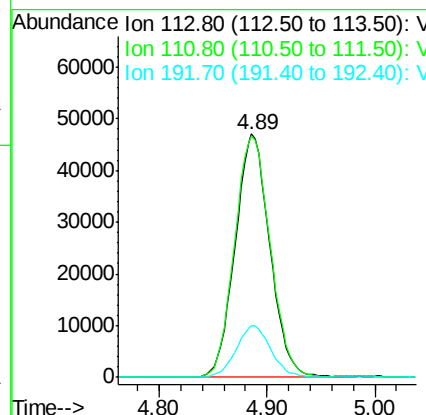
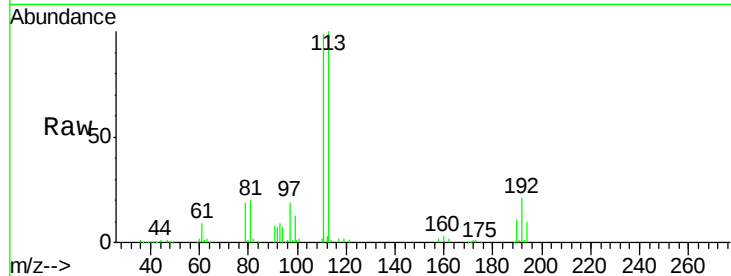
#35
Dibromofluoromethane
Concen: 50.187 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105429		
111	101.7		82.2	123.4
192	21.2		16.2	24.4

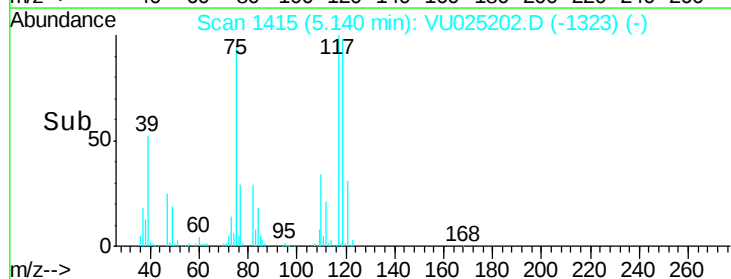
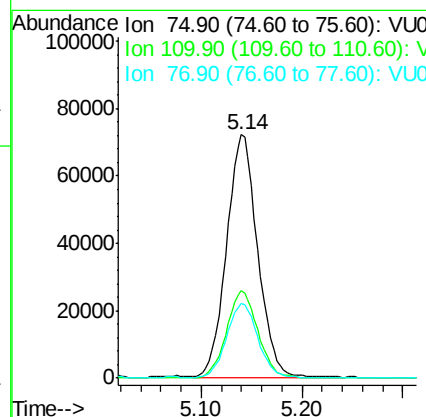
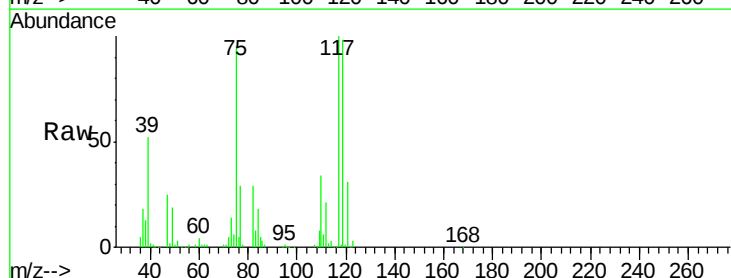
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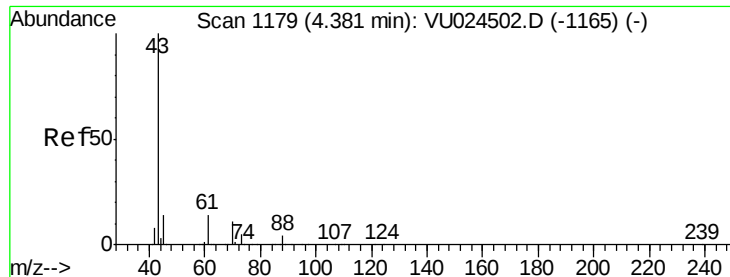
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#36
1,1-Dichloropropene
Concen: 51.695 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	153763		
110	36.5		17.0	50.9
77	30.9		24.2	36.4





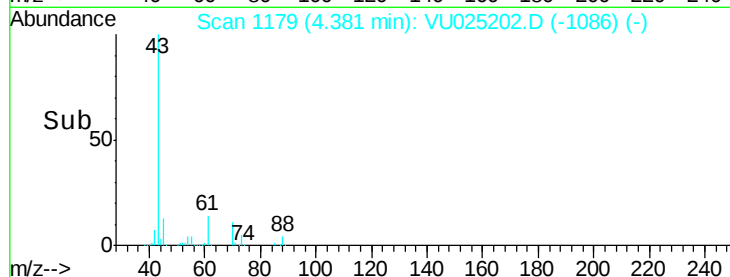
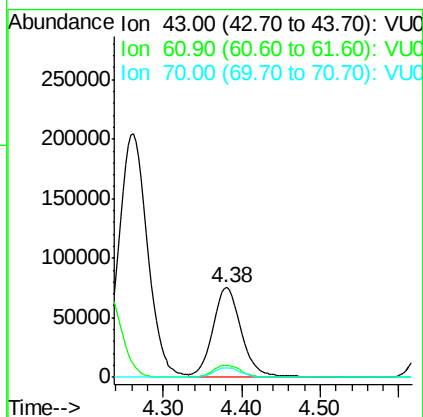
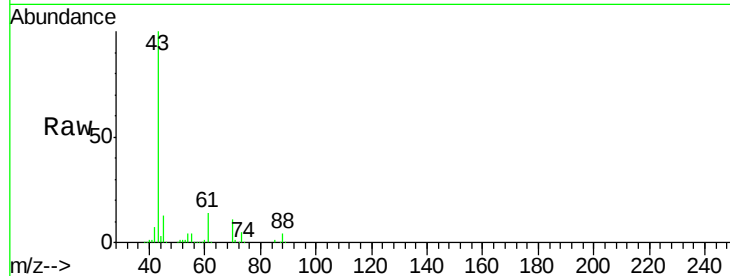
#37
Ethyl Acetate
Concen: 57.497 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	186399
Ion Ratio	Lower	Upper	
43	100		
61	13.0	10.5	15.7
70	10.5	7.4	11.2

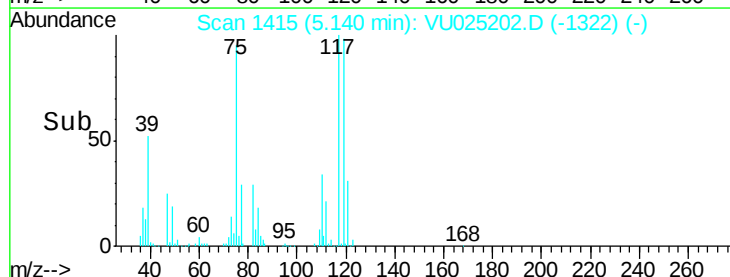
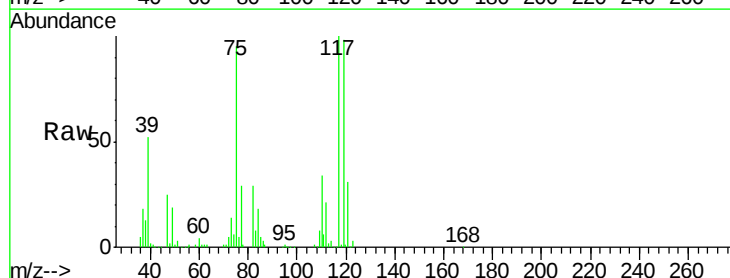
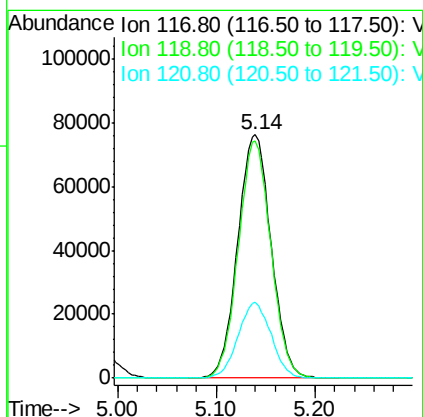
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 54.570 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion	117	Resp	178491
Ion Ratio	Lower	Upper	
117	100		
119	97.7	76.1	114.1
121	31.0	23.7	35.5





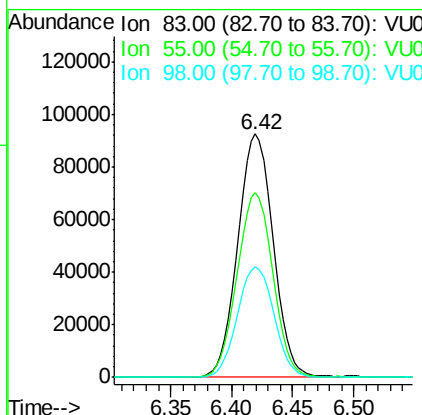
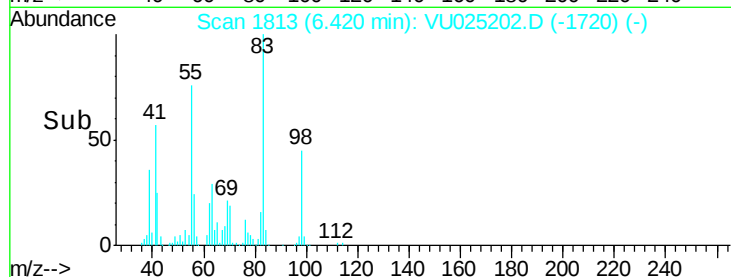
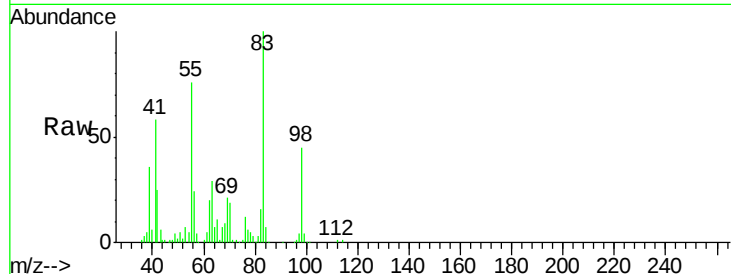
#39
Methvlcvclohexane
Concen: 50.182 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	65.8	98.6
98	45.3	36.7	55.1

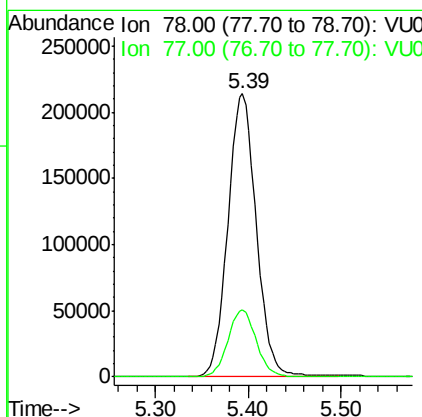
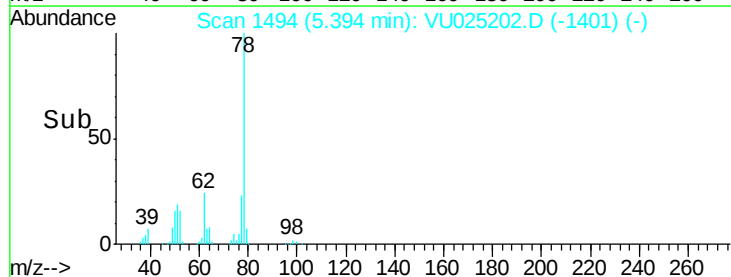
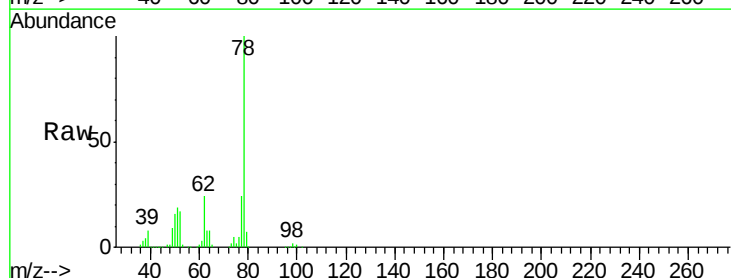
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#40
Benzene
Concen: 53.753 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





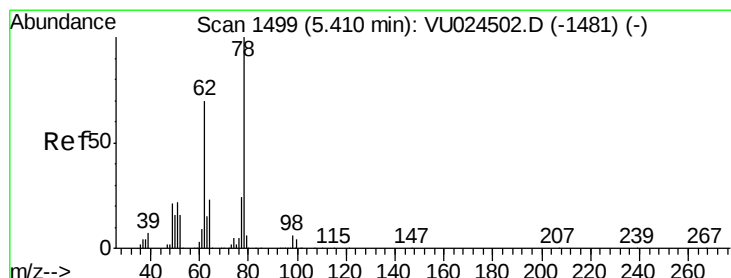
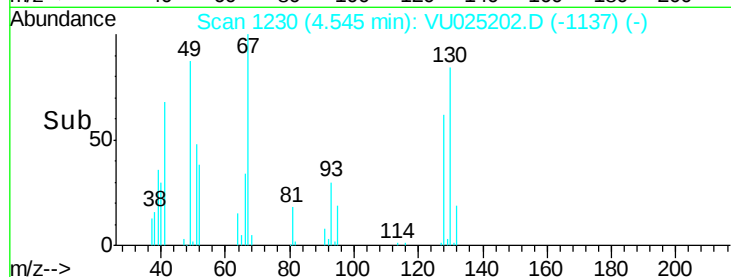
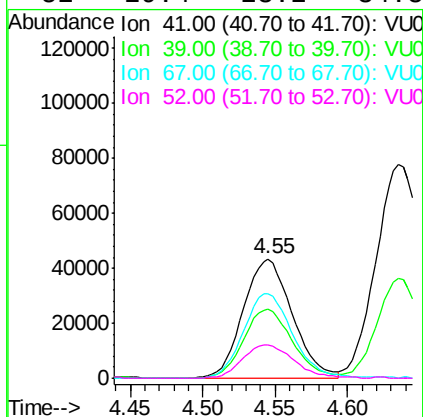
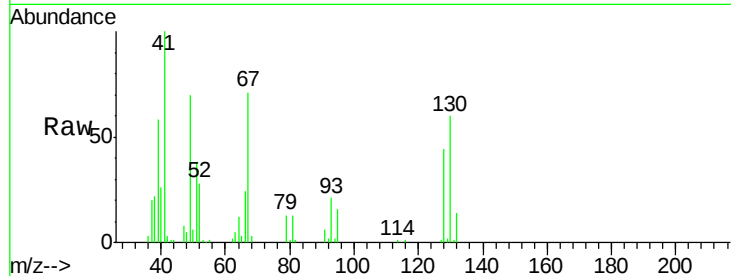
#41
Methacrylonitrile
Concen: 58.504 ug/l
RT: 4.55 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.0	43.8	65.6
67	71.6	56.3	84.5
52	29.4	23.2	34.8

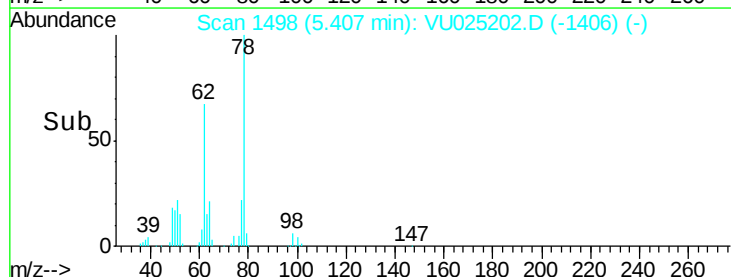
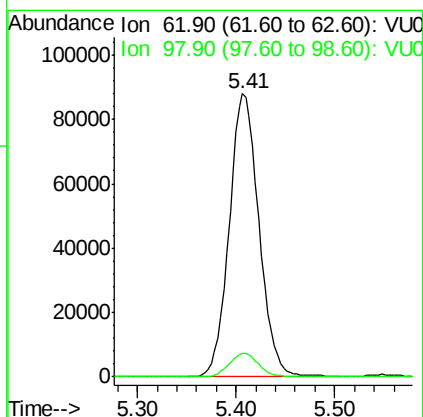
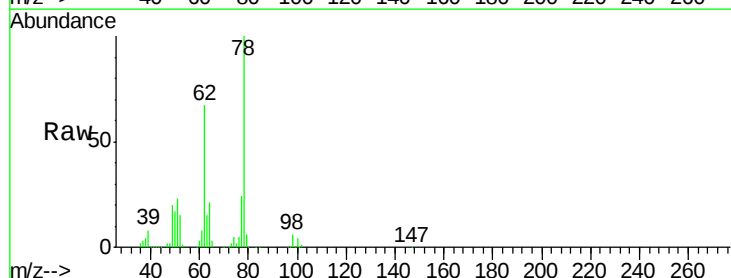
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#42
1,2-Dichloroethane
Concen: 57.366 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 52.233 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

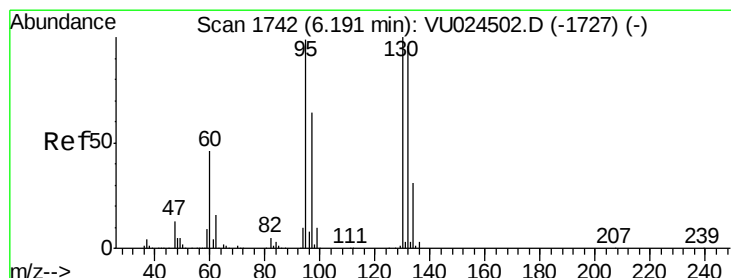
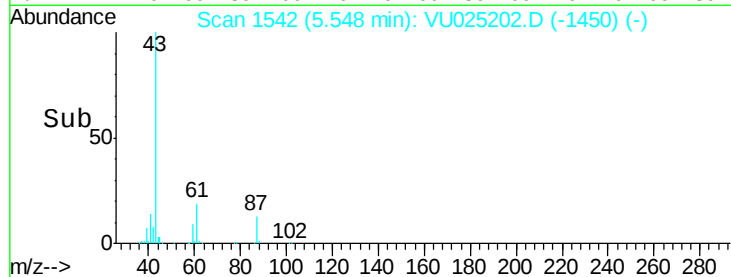
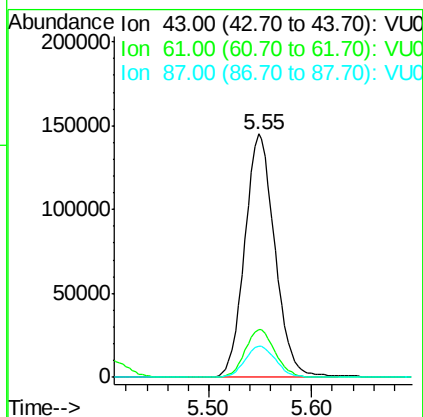
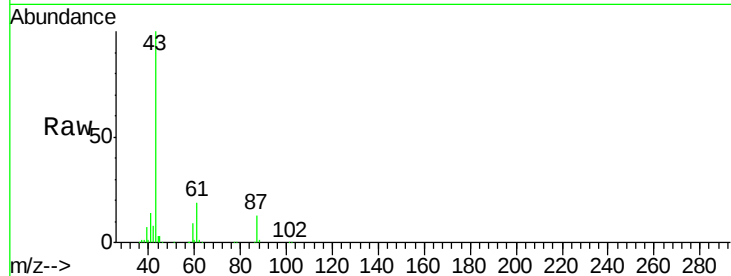
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	292700
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.0
87	13.3	10.0	15.0

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#44

Trichloroethene

Concen: 51.516 ug/l

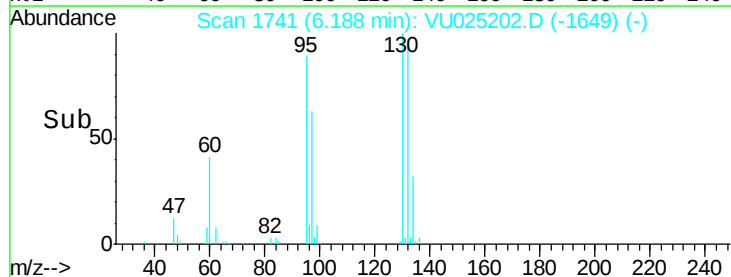
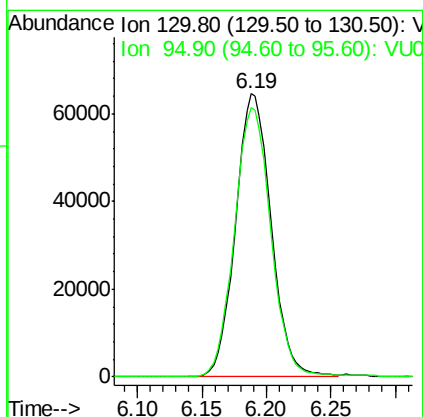
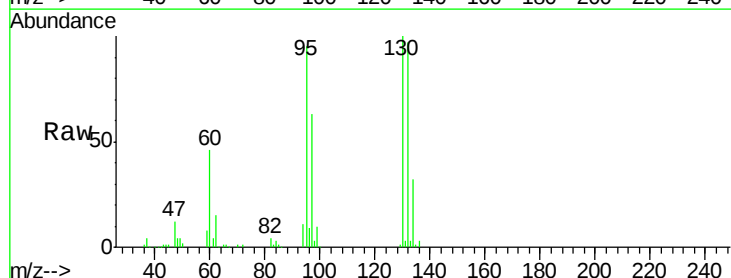
RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Tgt Ion:	130	Resp:	124262
Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	202.4





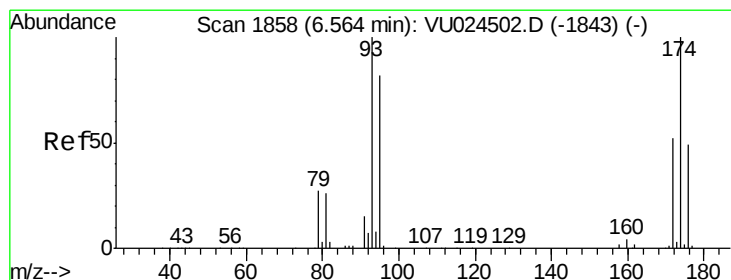
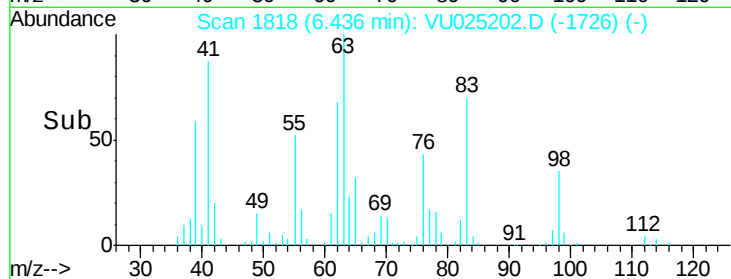
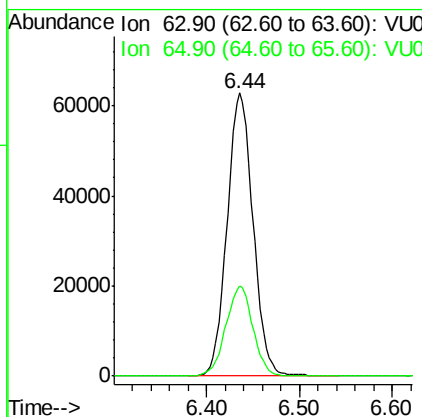
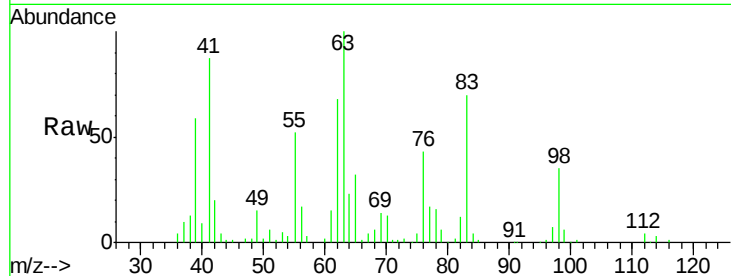
#45
 1,2-Dichloropropane
 Concen: 53.995 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 63 Resp: 122108
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.8 37.2

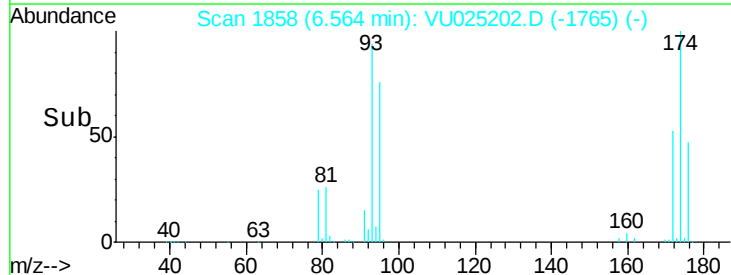
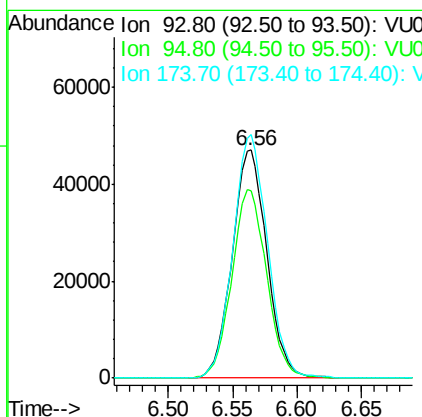
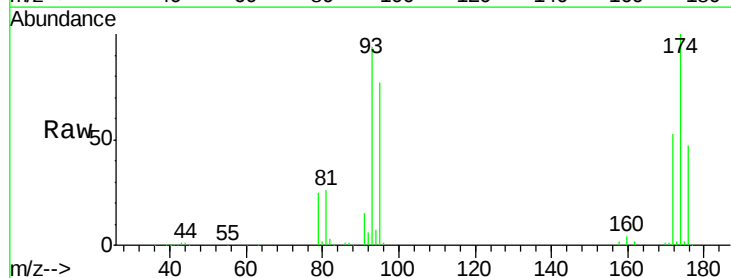
Manual Integrations
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#46
 Dibromomethane
 Concen: 55.418 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Tgt Ion: 93 Resp: 88029
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.5 98.3
 174 106.9 78.7 118.1





#47

Bromodichloromethane

Concen: 53.037 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

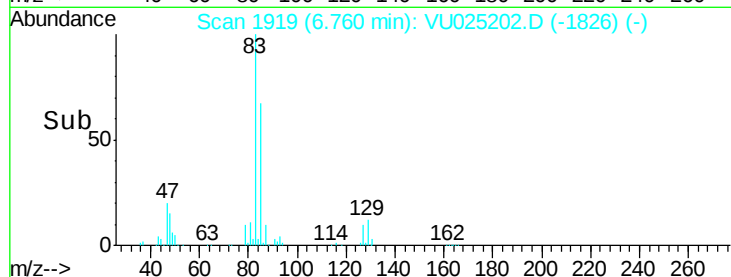
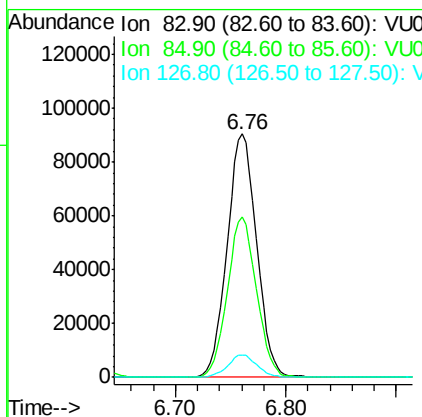
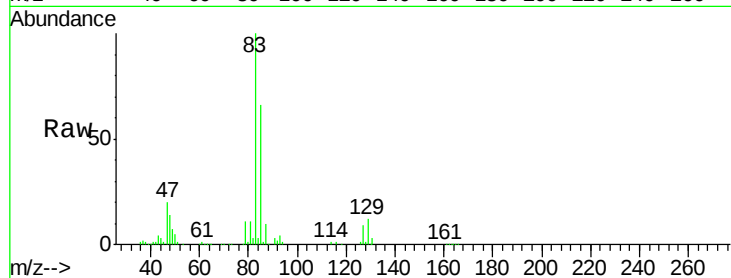
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	167762
Ion Ratio	Lower	Upper	
83	100		
85	65.7	51.9	77.9
127	9.3	6.6	9.8

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#48

Methyl methacrylate

Concen: 56.112 ug/l

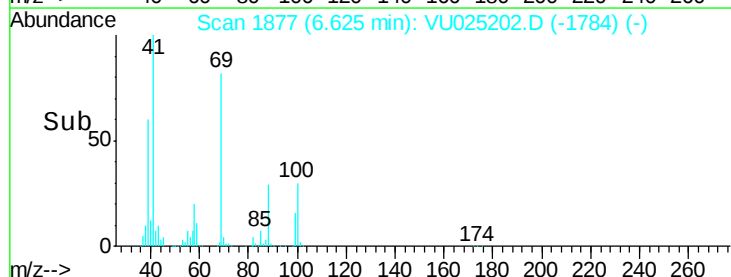
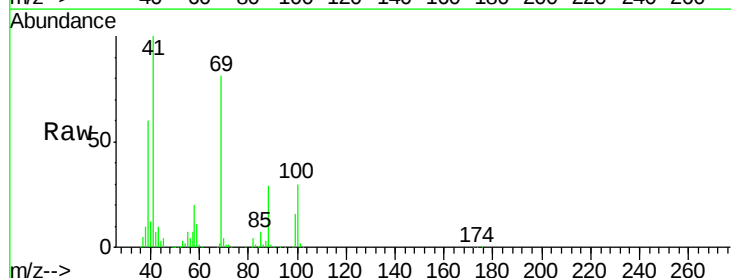
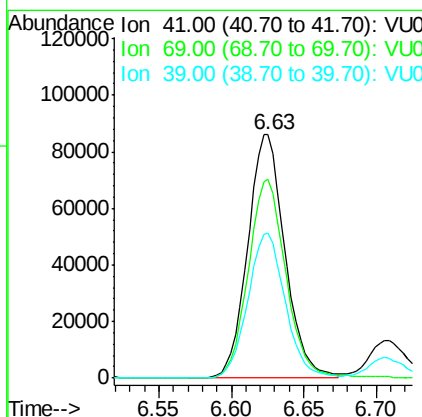
RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Tgt Ion:	41	Resp:	153113
Ion Ratio	Lower	Upper	
41	100		
69	82.6	67.3	100.9
39	60.2	46.5	69.7





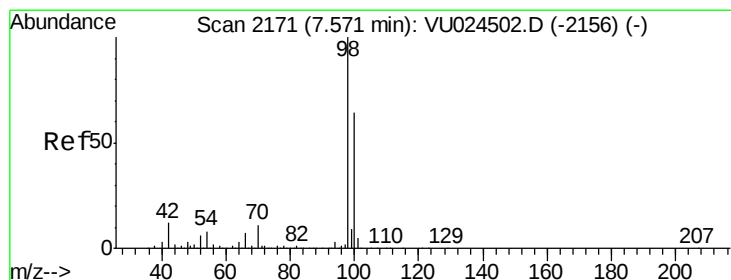
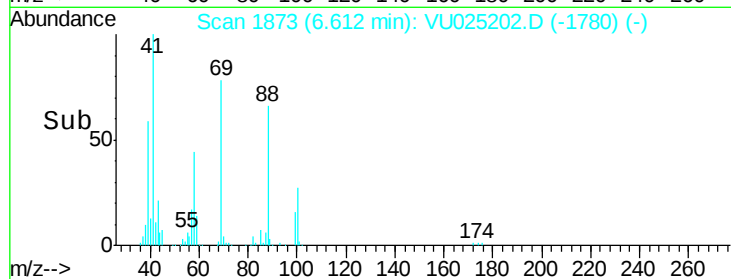
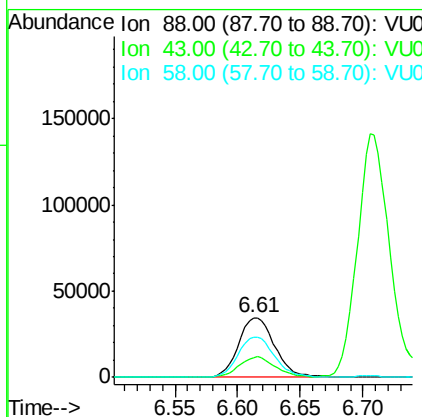
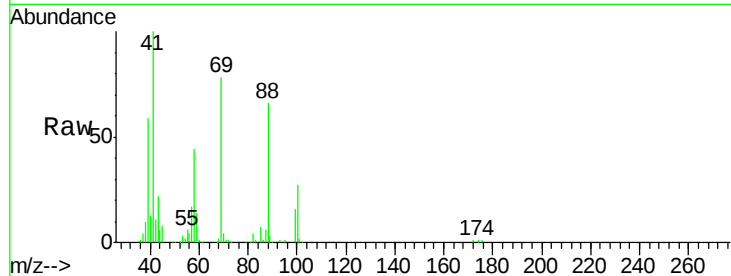
#49
 1,4-Dioxane
 Concen: 1304.121 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	28.6	42.8
58	67.9	58.2	87.4

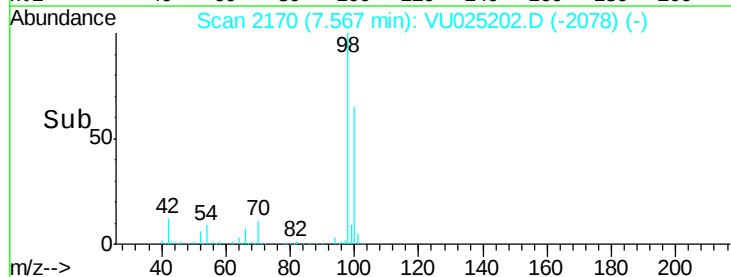
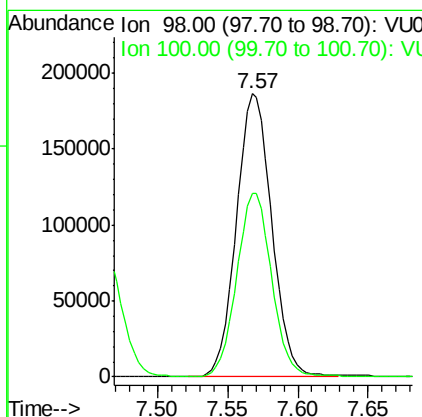
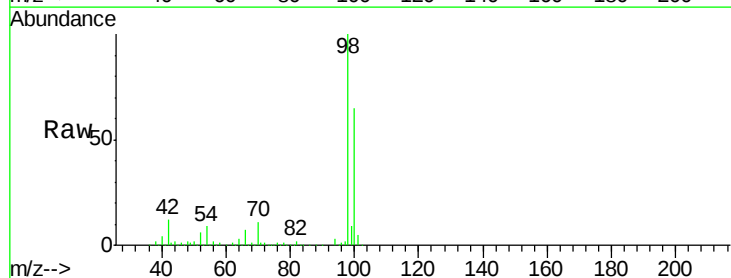
Manual Integrations
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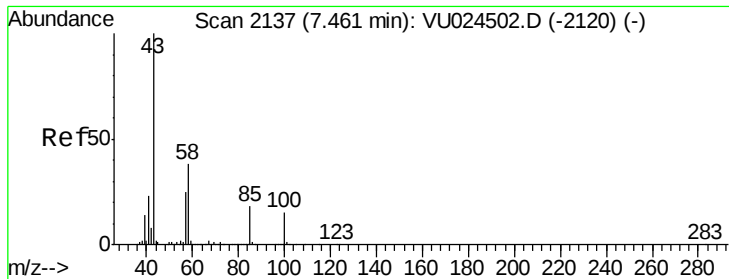
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#50
 Toluene-d8
 Concen: 42.801 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 276.476 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 973355

Ion Ratio Lower Upper

43 100

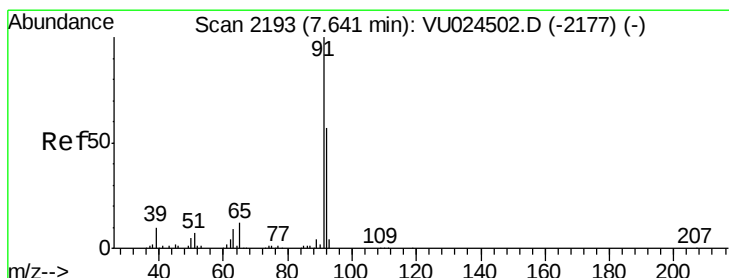
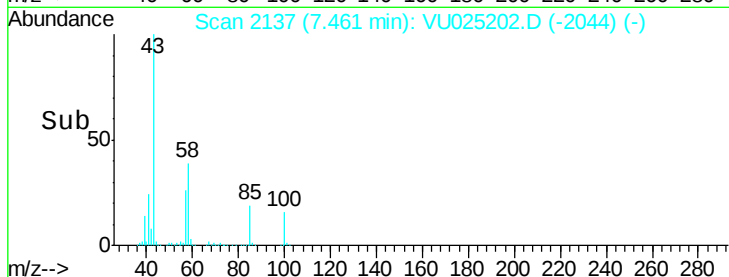
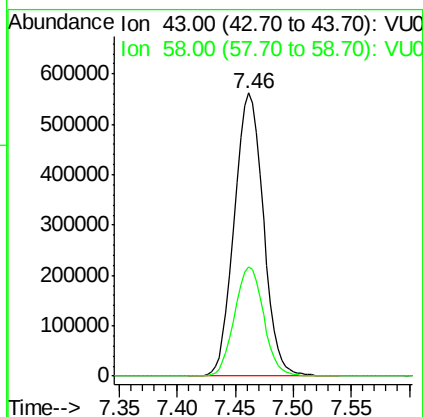
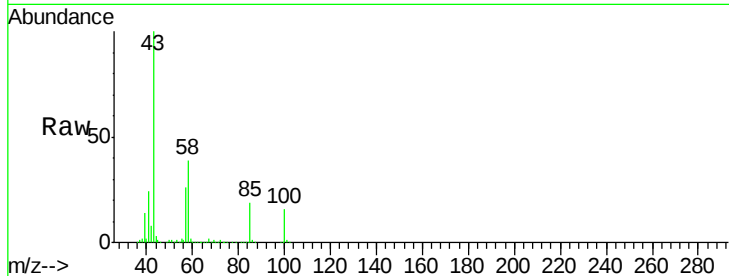
58 38.7 30.0 45.0

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#52

Toluene

Concen: 53.430 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025202.D

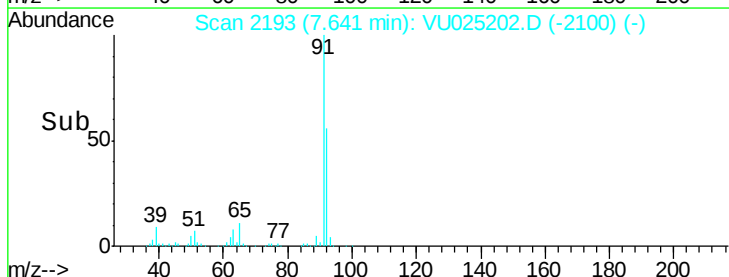
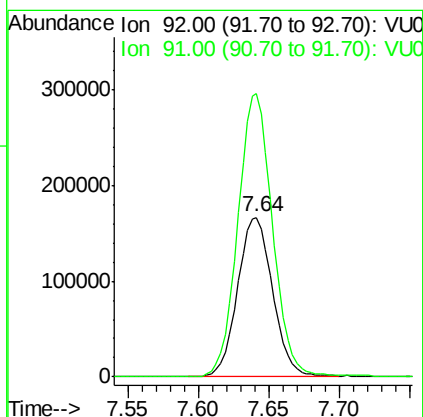
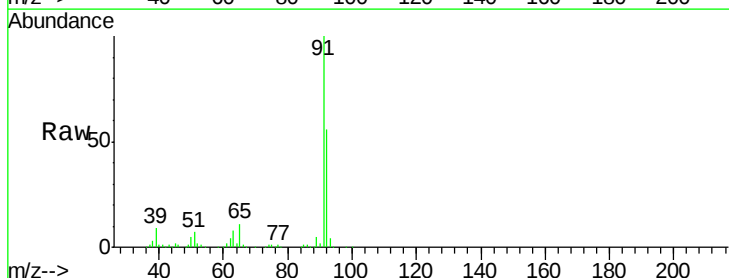
Acq: 03 Jul 2018 20:28

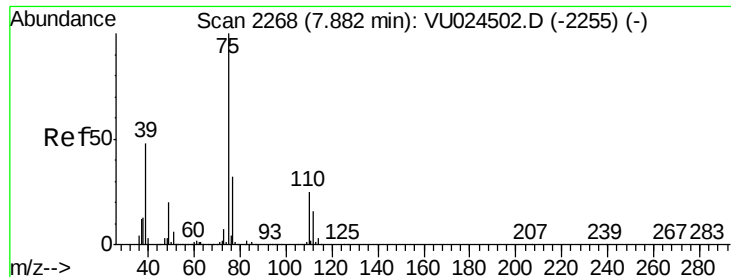
Tgt Ion: 92 Resp: 291341

Ion Ratio Lower Upper

92 100

91 176.4 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 50.159 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 178174

Ion Ratio Lower Upper

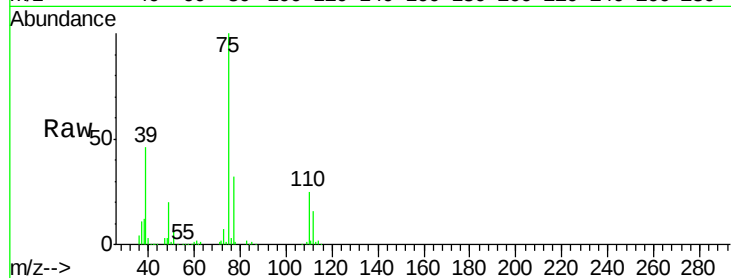
75 100

77 31.9 24.8 37.2

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Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

120000

100000

80000

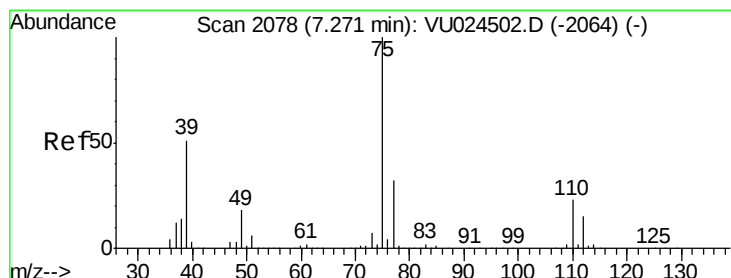
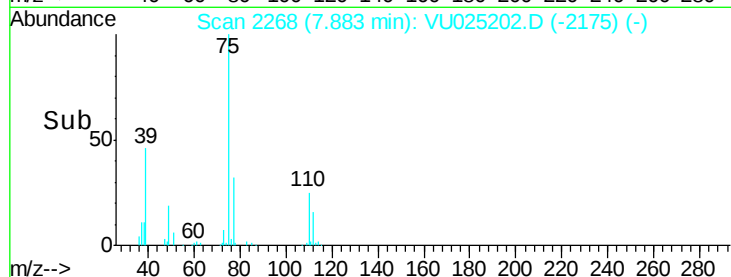
60000

40000

20000

0

Time--> 7.80 7.85 7.90 7.95 8.00



#54

cis-1,3-Dichloropropene

Concen: 49.797 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

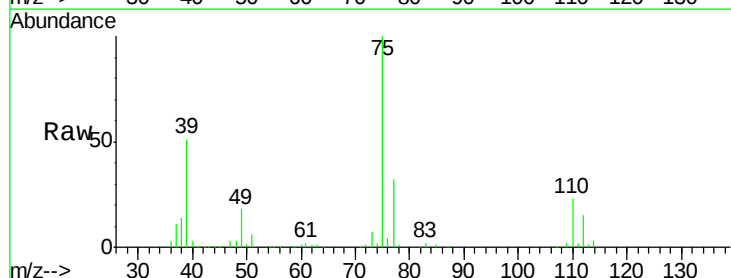
Tgt Ion: 75 Resp: 188483

Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

39 50.5 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

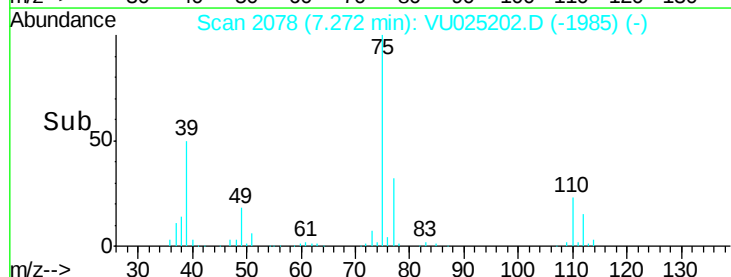
150000

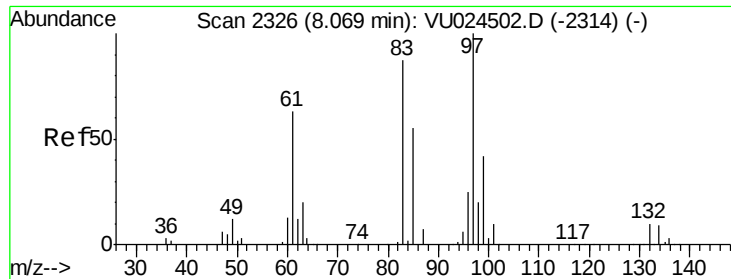
100000

50000

0

Time--> 7.20 7.30 7.40





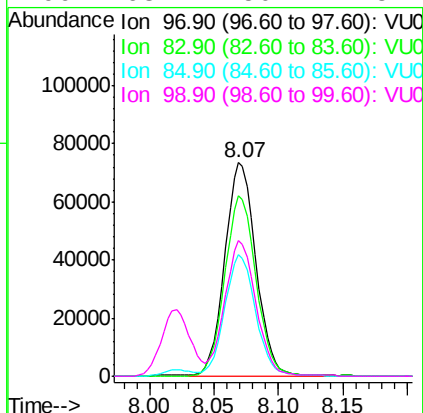
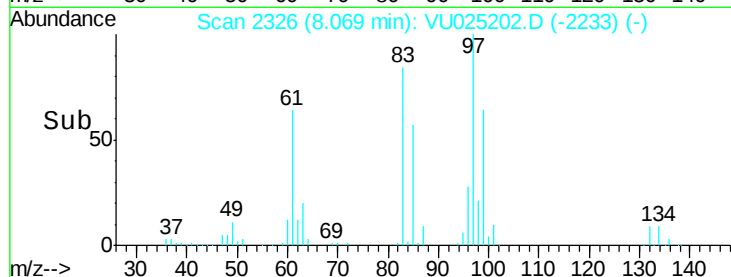
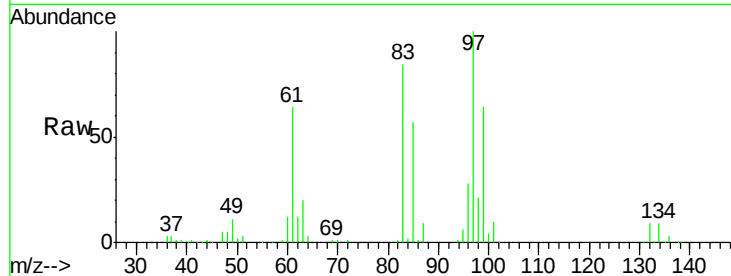
#55
 1,1,2-Trichloroethane
 Concen: 55.301 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		122575		
83	84.6	70.5	105.7		
85	56.7	46.4	69.6		
99	63.7	50.2	75.2		

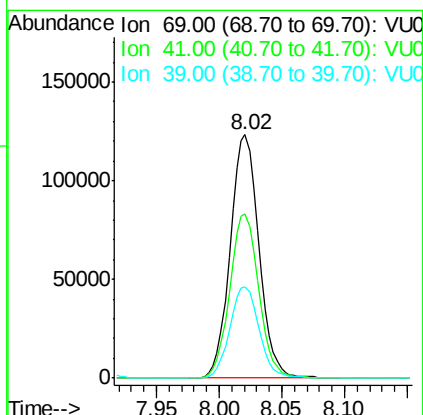
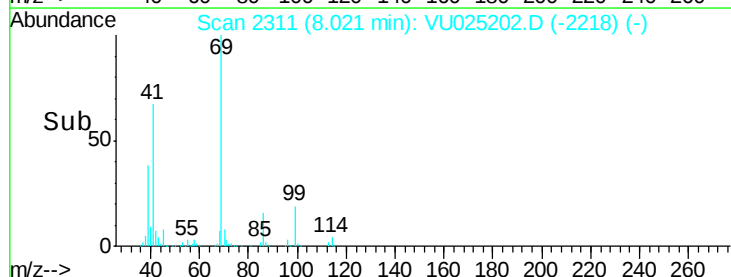
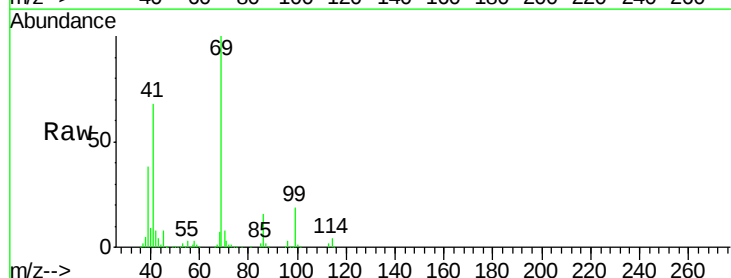
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 52.738 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		195649		
41	67.8	54.1	81.1		
39	38.2	30.3	45.5		





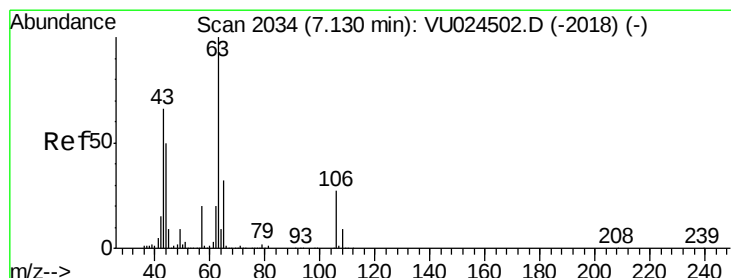
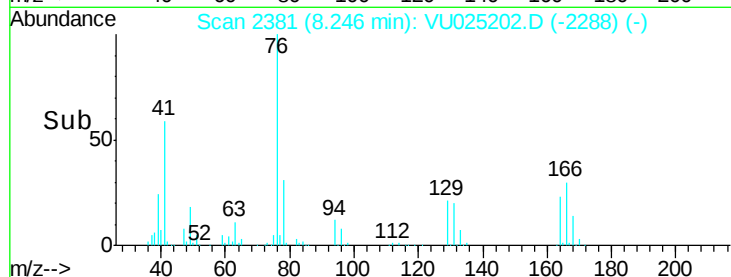
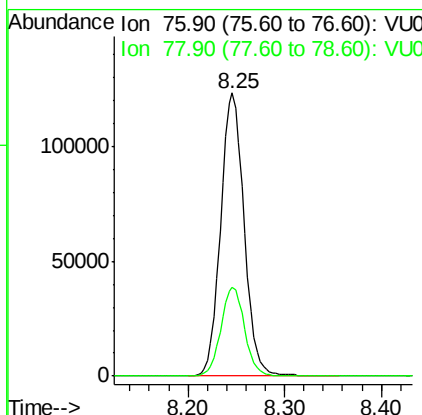
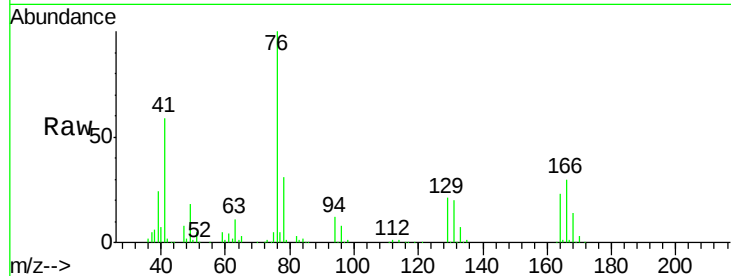
#57
 1,3-Dichloropropane
 Concen: 55.576 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 207802
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.2 37.8

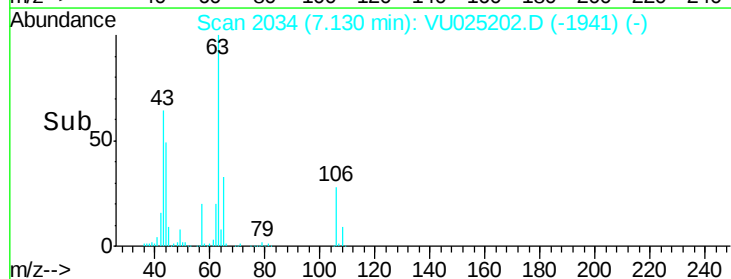
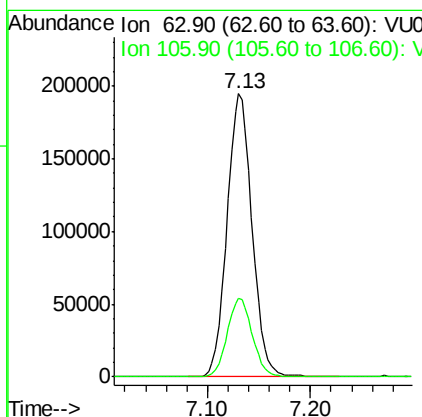
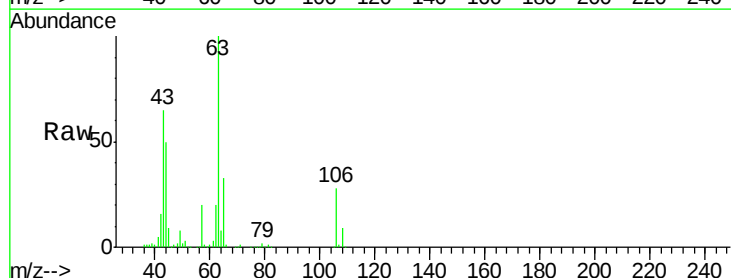
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 231.586 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Tgt Ion: 63 Resp: 329145
 Ion Ratio Lower Upper
 63 100
 106 27.9 20.2 30.2





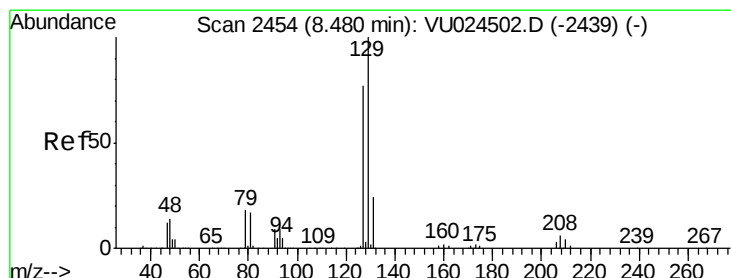
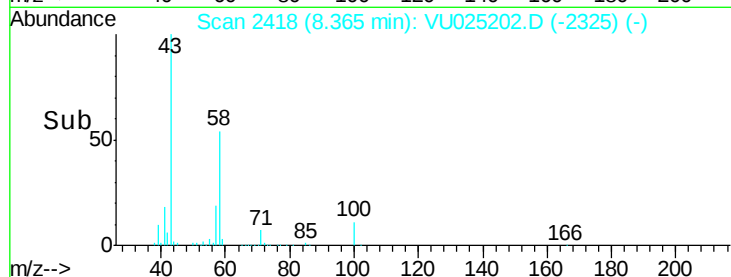
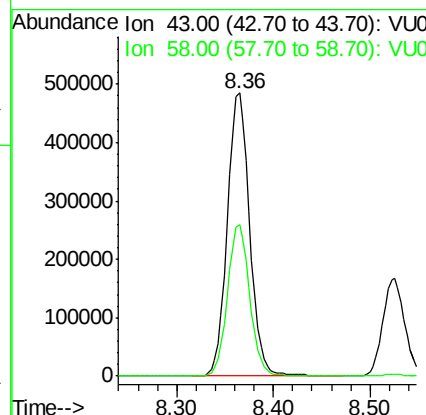
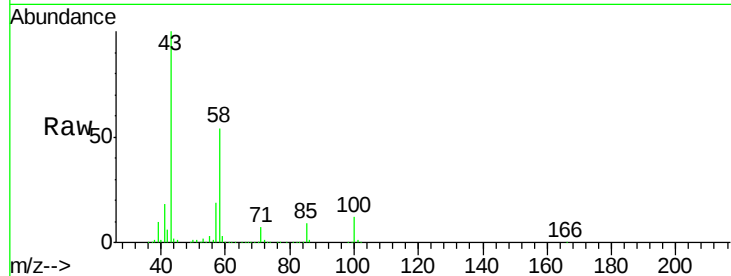
#59
2-Hexanone
Concen: 270.609 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 777788
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0

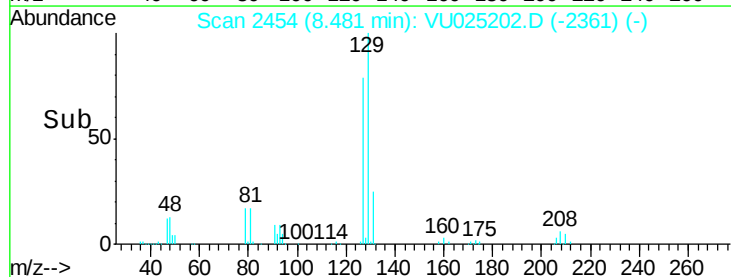
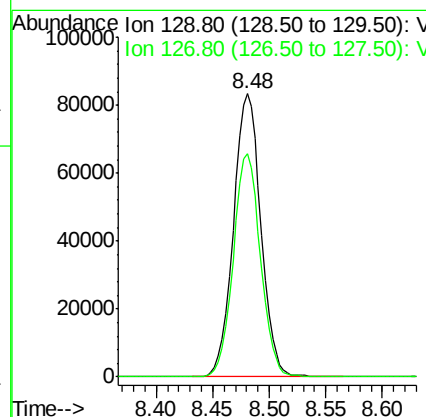
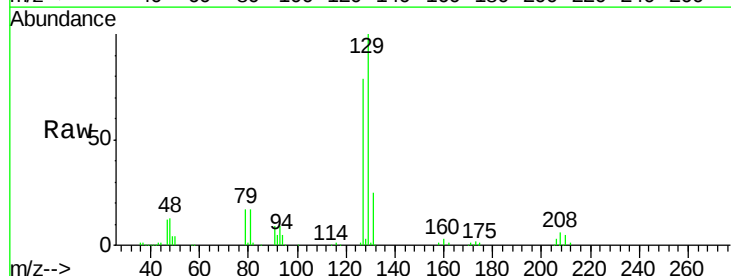
Manual Integrations
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#60
Dibromochloromethane
Concen: 50.830 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion: 129 Resp: 140493
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 55.360 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 136574

Ion Ratio Lower Upper

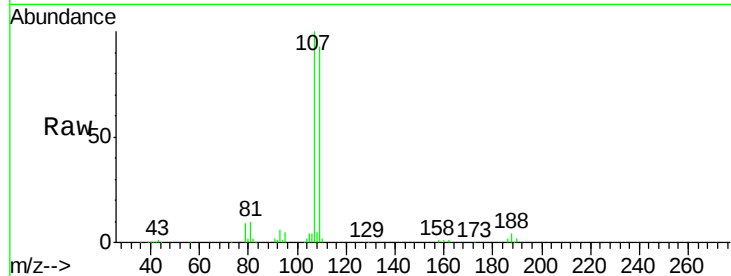
107 100

109 93.6 74.5 111.7

Manual Integrations
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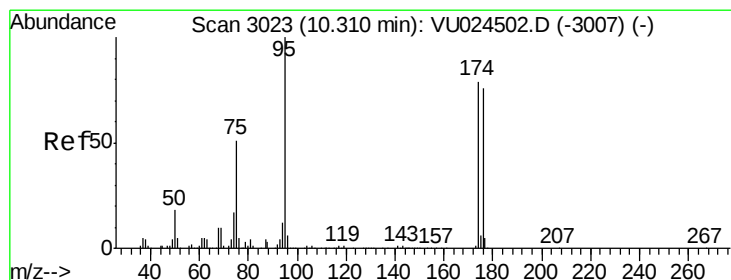
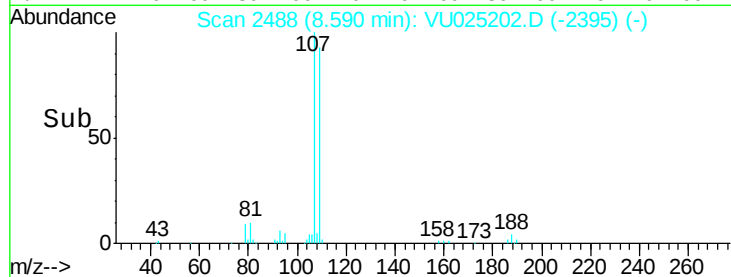
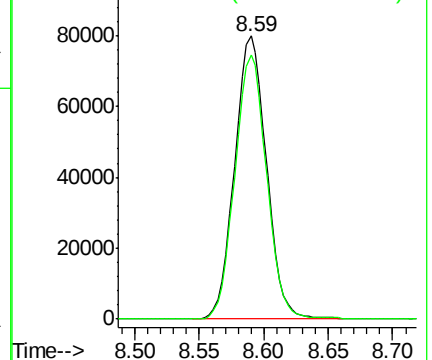
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.067 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

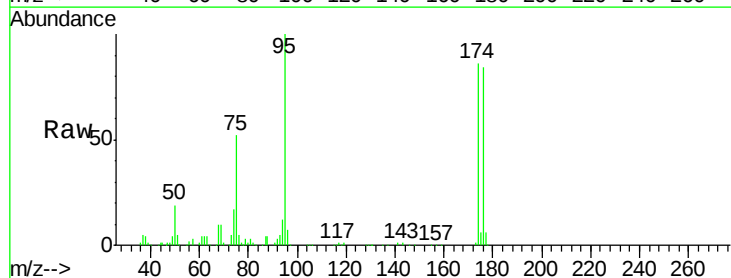
Tgt Ion: 95 Resp: 143195

Ion Ratio Lower Upper

95 100

174 86.6 0.0 165.8

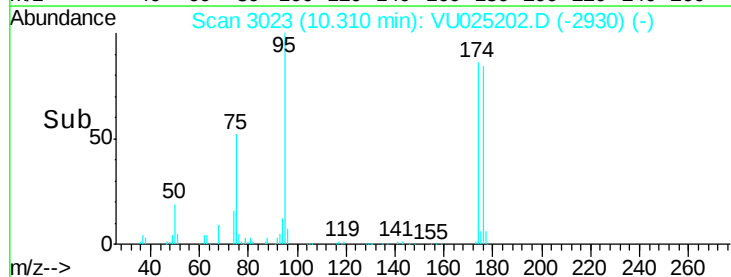
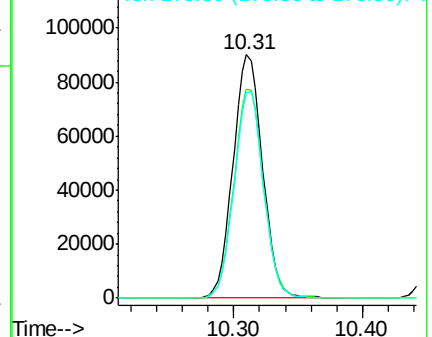
176 84.3 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





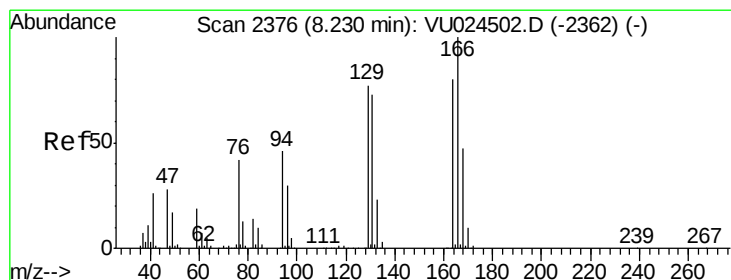
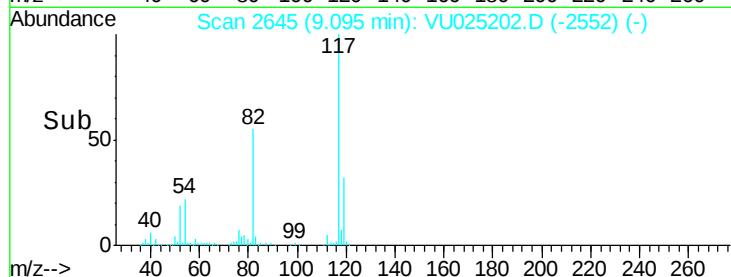
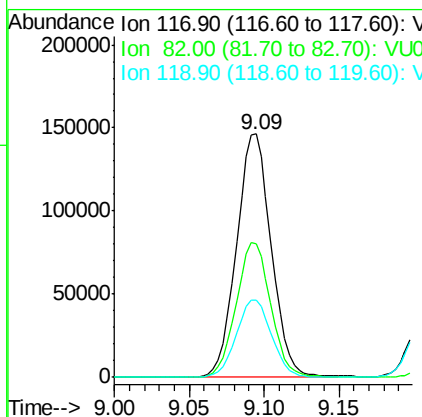
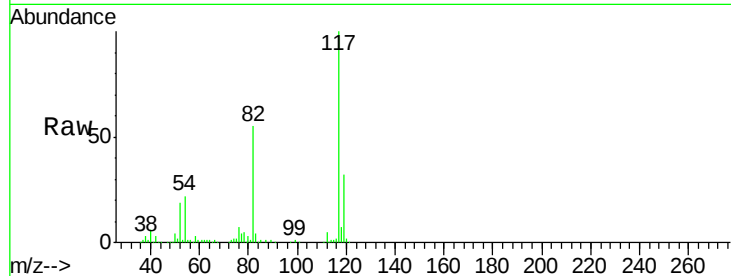
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.1	44.3	66.5
119	31.9	25.4	38.2

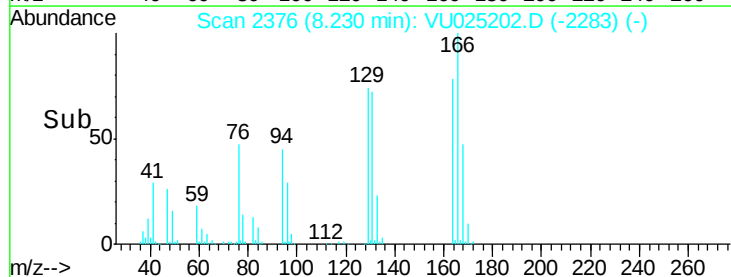
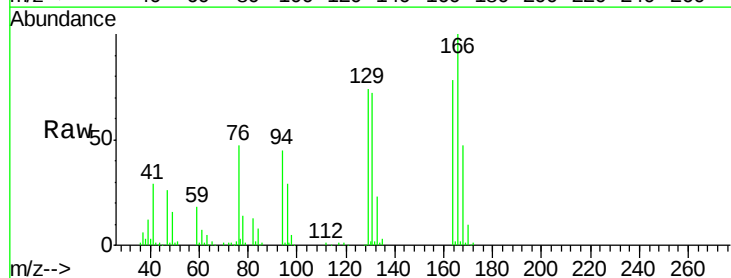
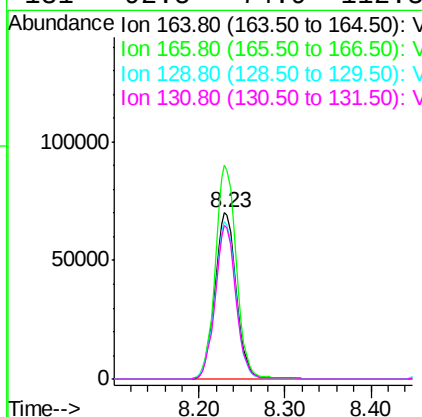
Manual Integrations
APPROVED

sam
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#64
Tetrachloroethene
Concen: 53.906 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	128.6	101.7	152.5
129	94.5	76.9	115.3
131	92.5	74.9	112.3





#65

Chlorobenzene

Concen: 55.466 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 334906

Ion Ratio Lower Upper

112 100

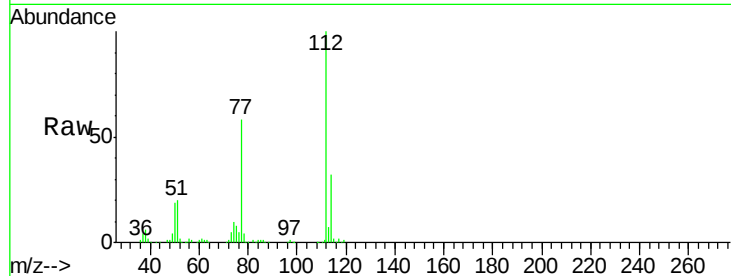
114 32.5 25.6 38.4

Manual Integrations

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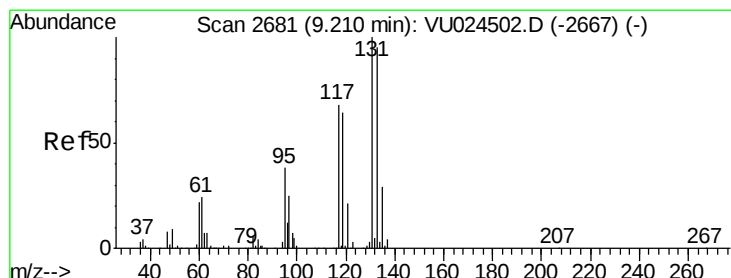
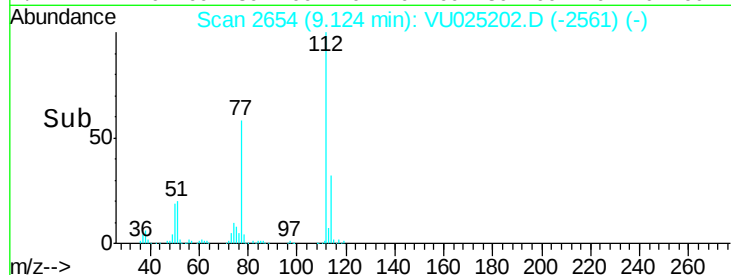
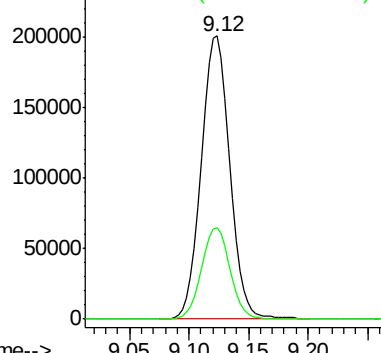
sam

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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: 55.505 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

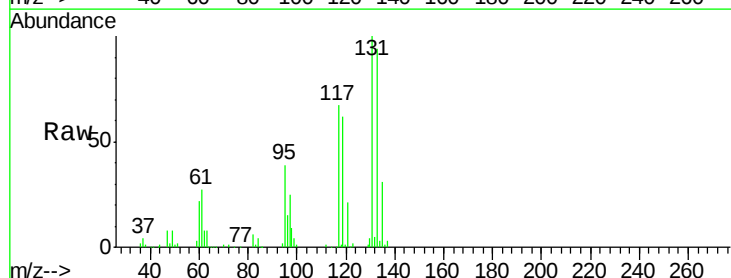
Tgt Ion:131 Resp: 127326

Ion Ratio Lower Upper

131 100

133 95.3 46.9 140.8

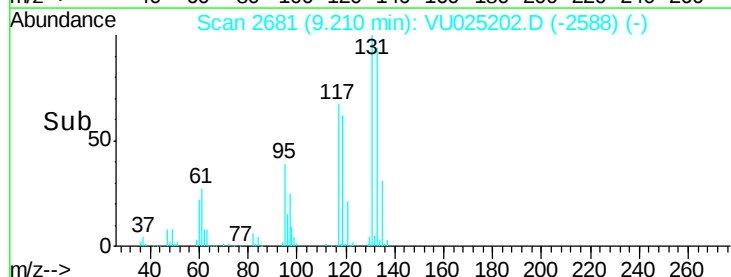
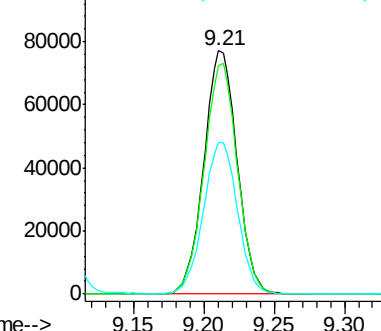
119 64.1 33.5 100.4

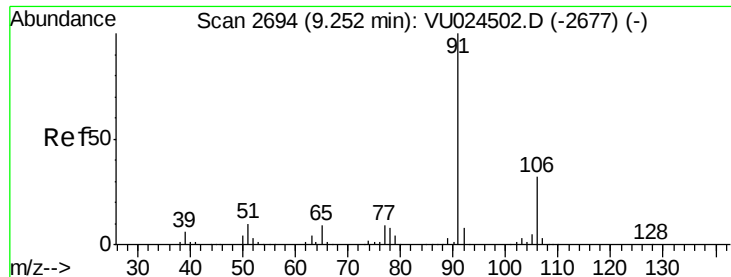


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.693 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 578928

Ion Ratio Lower Upper

91 100

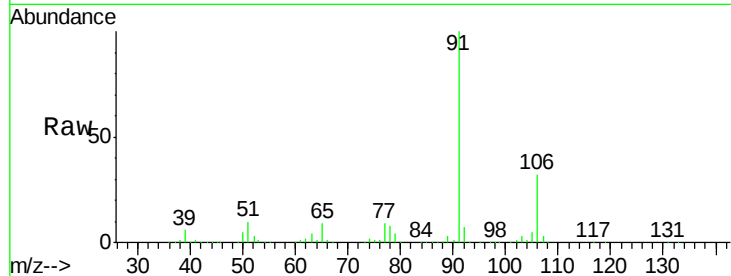
106 31.8 24.2 36.4

Manual Integrations

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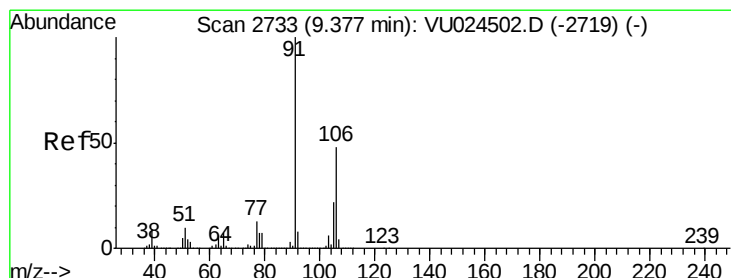
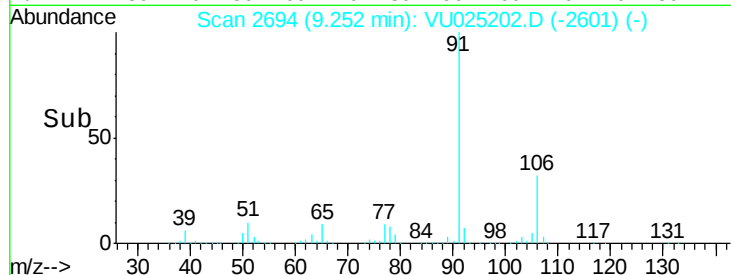
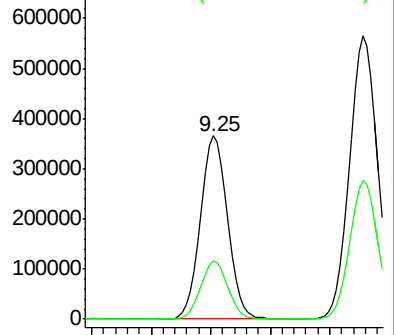
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Abundance Ion 91.00 (90.70 to 91.70): VU025202.D (-2601) (-)

Ion 106.00 (105.70 to 106.70): VU025202.D (-2601) (-)



#68

m/p-Xylenes

Concen: 111.439 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025202.D

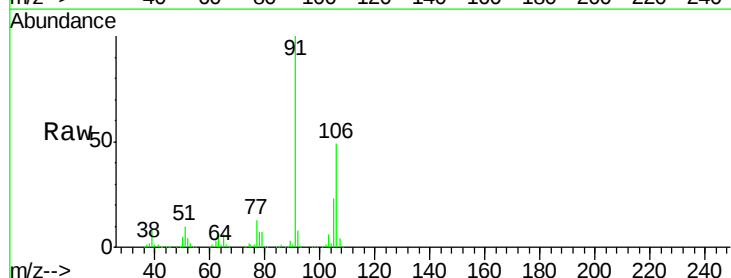
Acq: 03 Jul 2018 20:28

Tgt Ion: 106 Resp: 452964

Ion Ratio Lower Upper

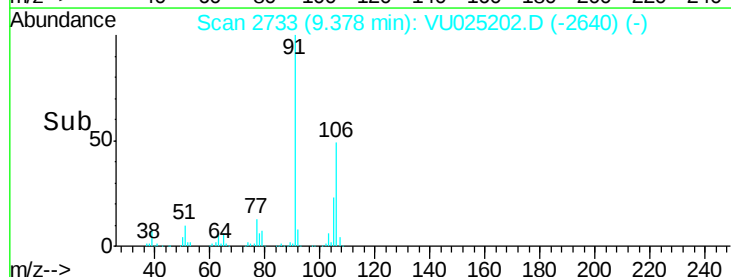
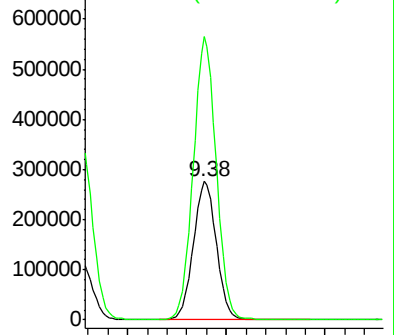
106 100

91 203.9 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU025202.D (-2640) (-)

Ion 91.00 (90.70 to 91.70): VU025202.D (-2640) (-)





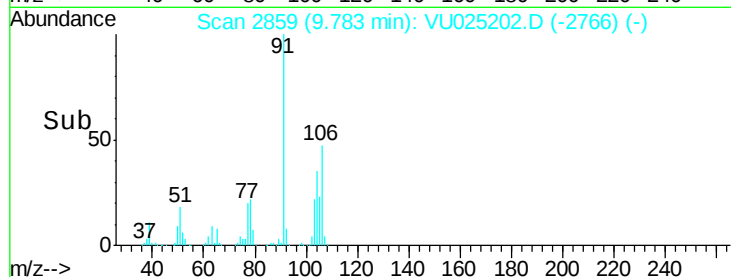
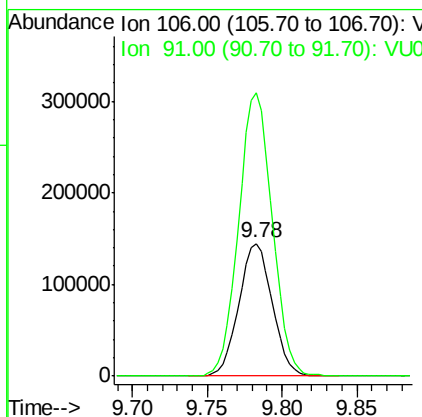
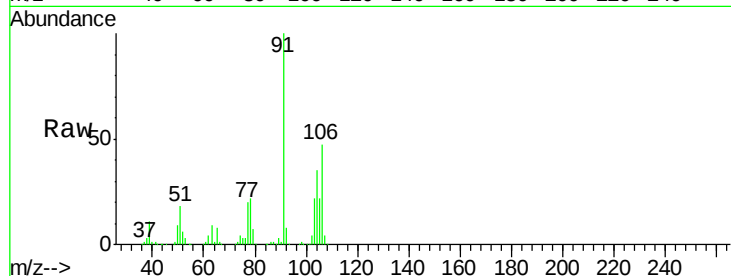
#69
o-Xylene
Concen: 55.966 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
225134	106	100		
	91	215.1	110.7	331.9

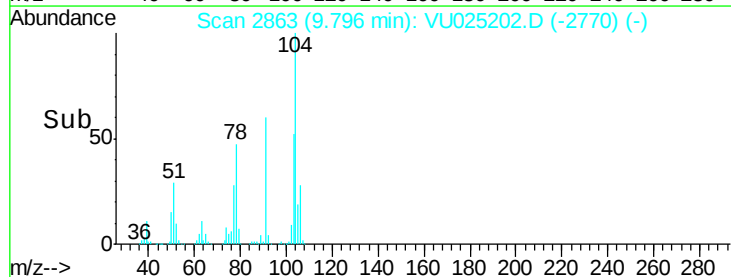
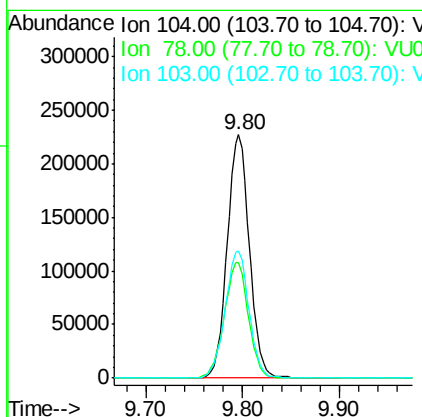
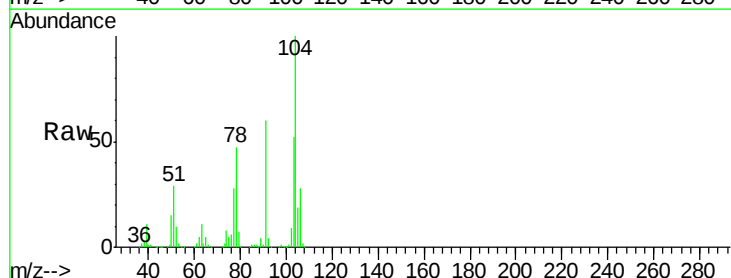
Manual Integrations
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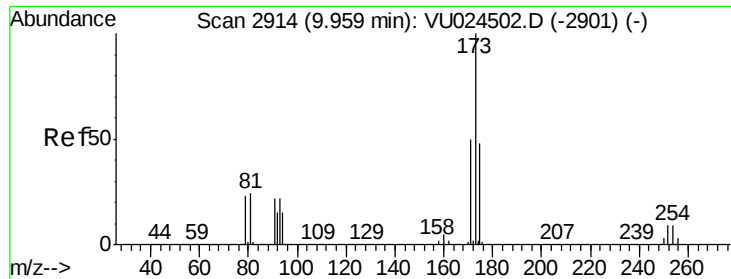
sam
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#70
Styrene
Concen: 54.645 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion	Ion	Ratio	Lower	Upper
361236	104	100		
	78	51.6	40.6	60.8
	103	56.1	44.7	67.1





#71

Bromoform

Concen: 50.915 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

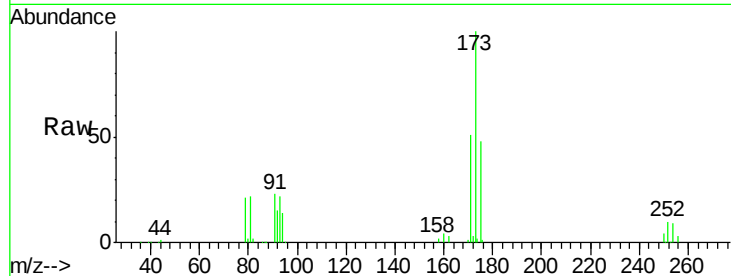
ClientSampleId :

VSTDCCC050EC

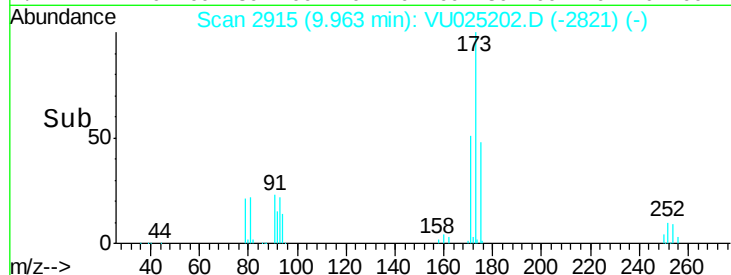
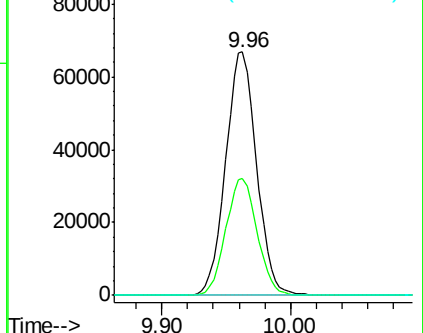
Tot Ion:	173	Resp:	111015
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.6	74.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

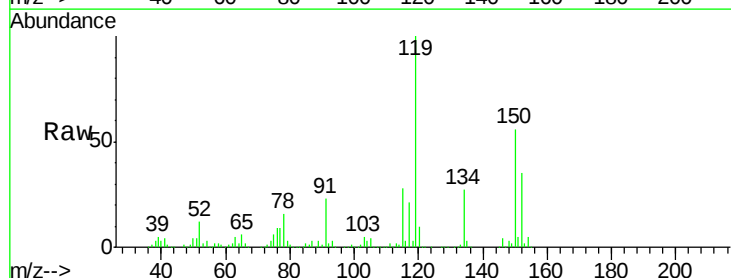
RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

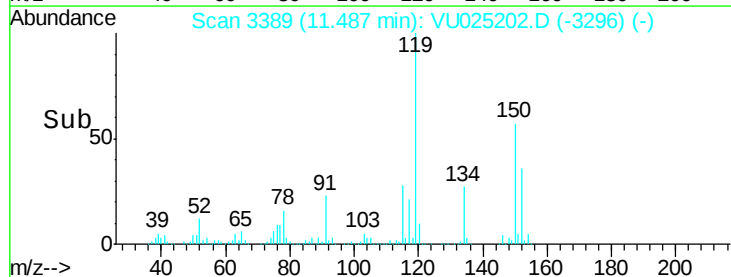
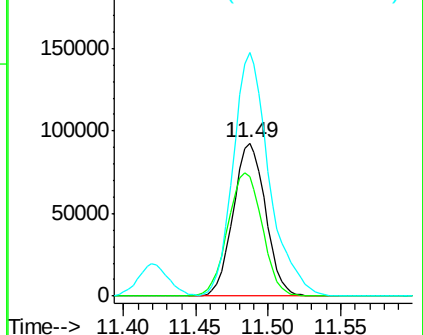
Lab File: VU025202.D

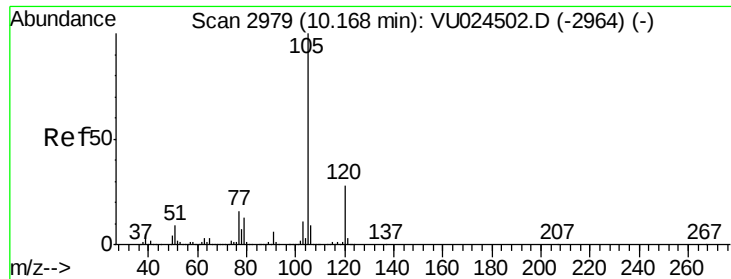
Acq: 03 Jul 2018 20:28

Tgt Ion:	152	Resp:	143405
Ion Ratio	Lower	Upper	
152	100		
115	85.9	43.0	129.0
150	177.4	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: 55.192 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 607667

Ion Ratio Lower Upper

105 100

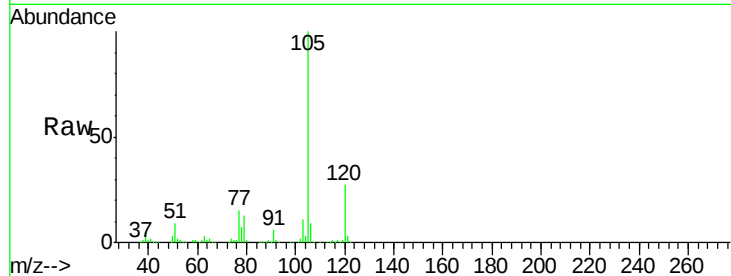
120 26.8 13.2 39.6

Manual Integrations

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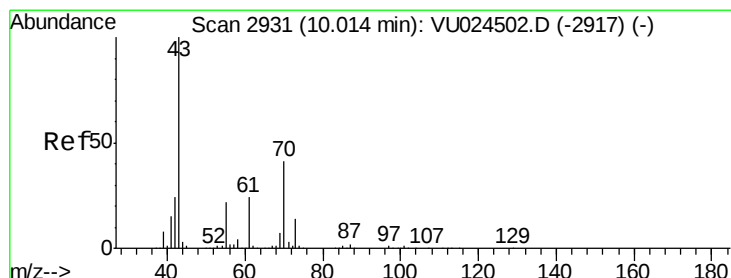
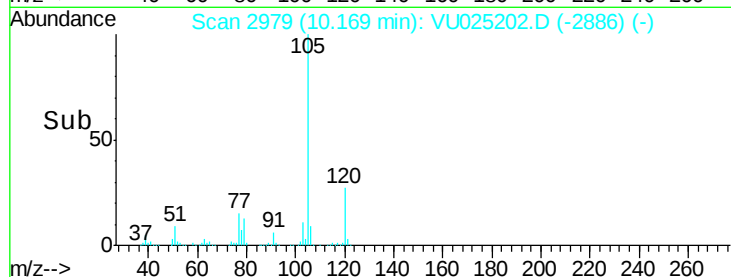
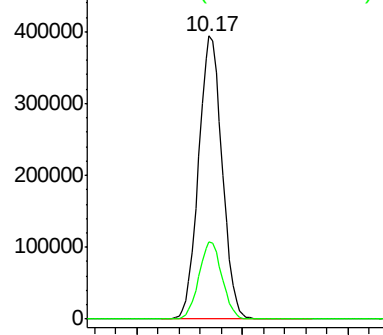
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.261 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Tgt Ion: 43 Resp: 263212

Ion Ratio Lower Upper

43 100

70 42.1 32.2 48.4

55 23.8 20.5 30.7

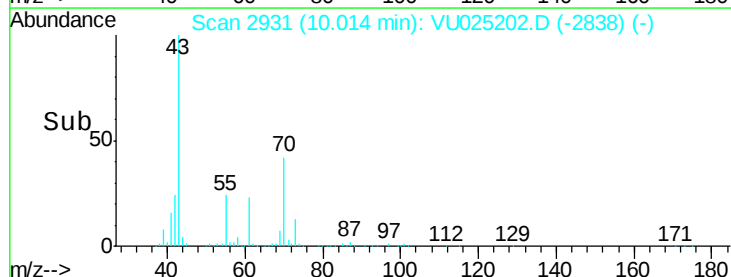
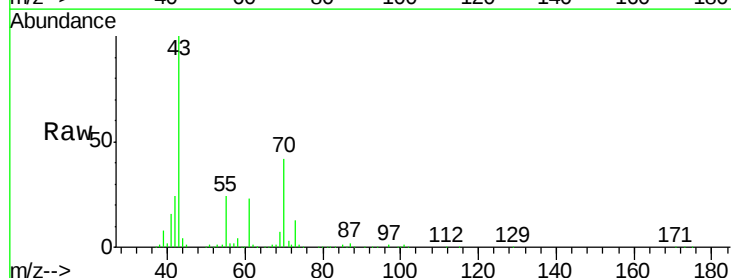
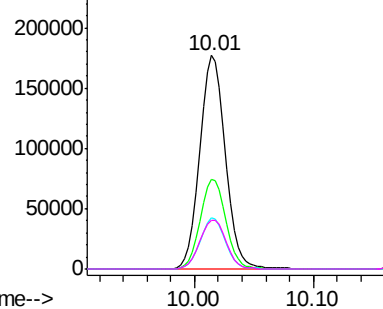
61 23.7 18.7 28.1

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: 56.741 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 209347

Ion Ratio Lower Upper

83 100

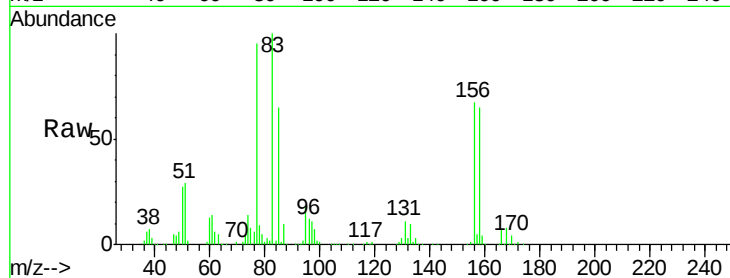
131 10.5 4.7 14.1

85 65.3 32.5 97.5

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Abundance Ion 82.90 (82.60 to 83.60): VU025202.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025202.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025202.D (-2977) (-)

10.46

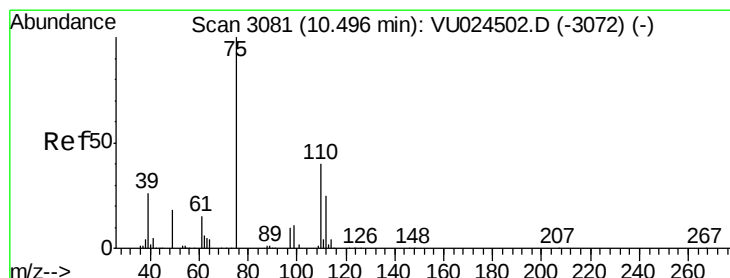
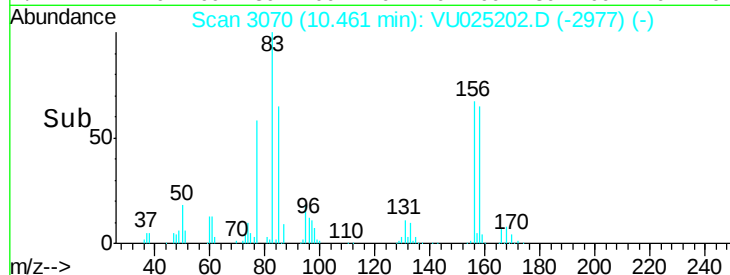
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 56.070 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025202.D

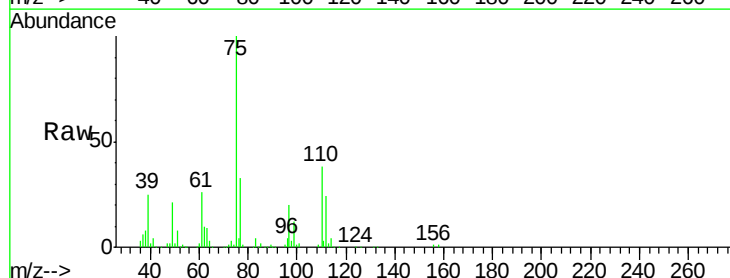
Acq: 03 Jul 2018 20:28

Tgt Ion: 75 Resp: 177028

Ion Ratio Lower Upper

75 100

77 40.4 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025202.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025202.D (-2988) (-)

10.50

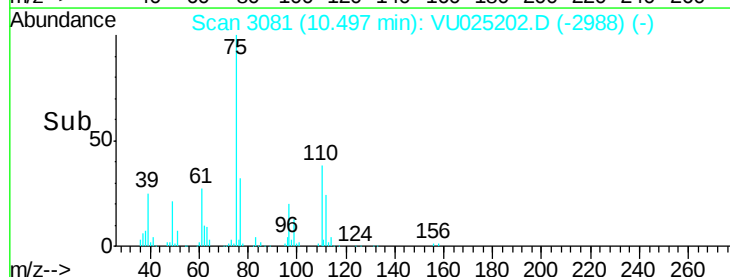
150000

100000

50000

0

Time-->





#77

Bromobenzene

Concen: 56.139 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

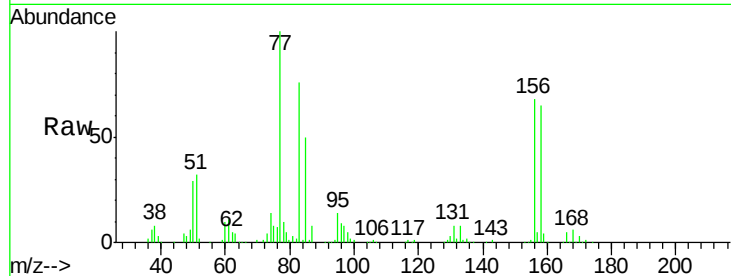
ClientSampleId :

VSTDCCC050EC

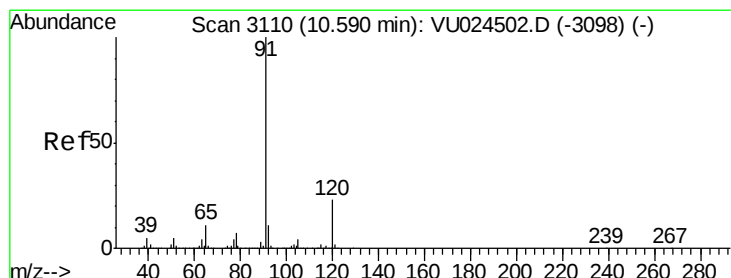
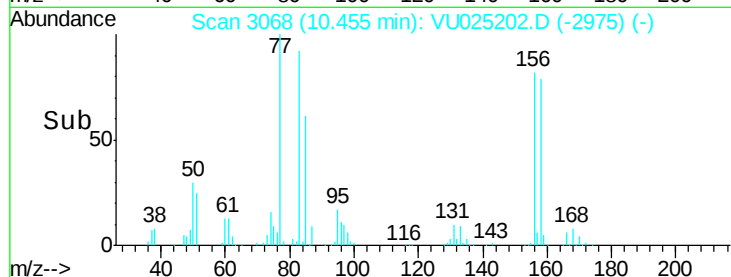
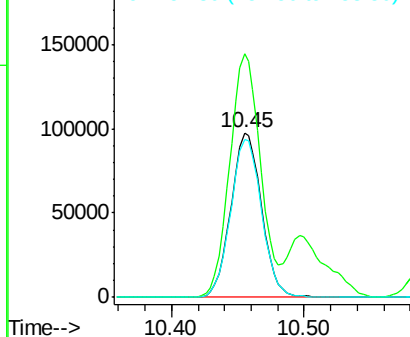
Tot Ion:	156	Resp:	156478
Ion Ratio	Lower	Upper	
156	100		
77	148.7	80.5	241.3
158	97.1	48.2	144.6

Manual Integrations
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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: 52.296 ug/l

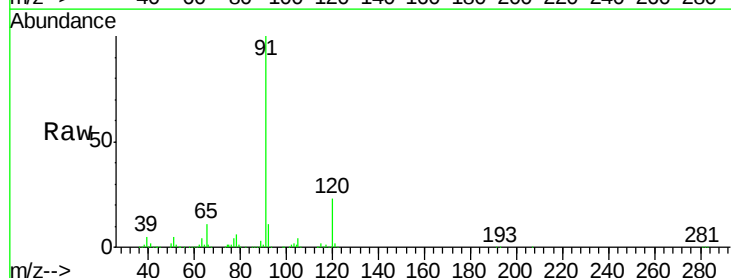
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

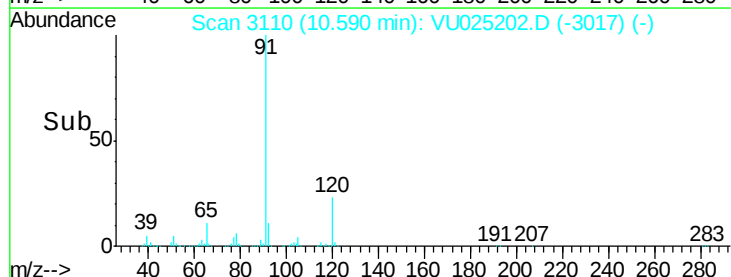
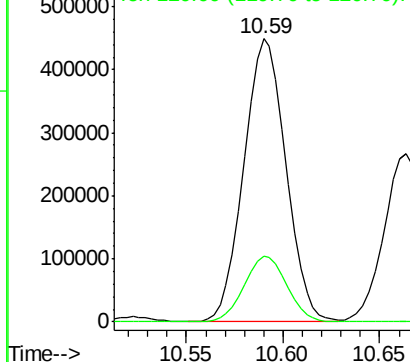
Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Tgt Ion:	91	Resp:	678271
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: 53.976 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 412830

Ion Ratio Lower Upper

91 100

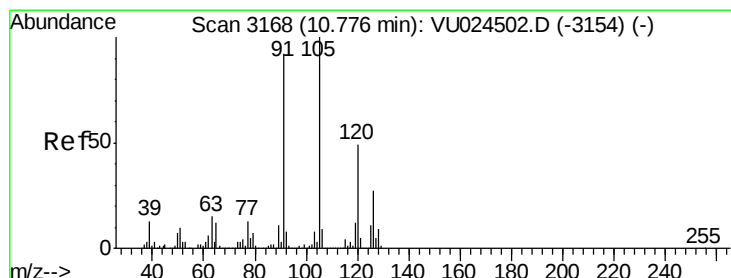
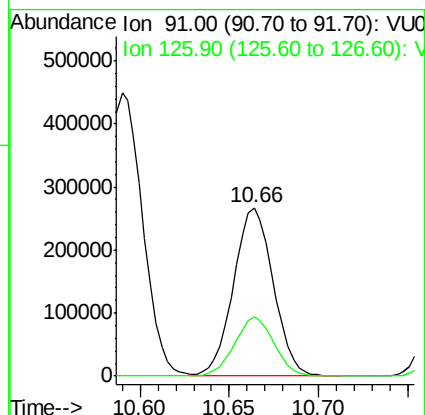
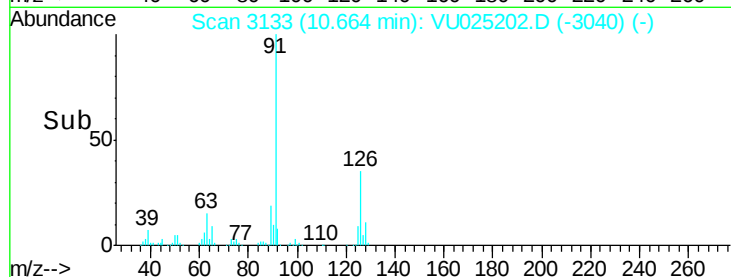
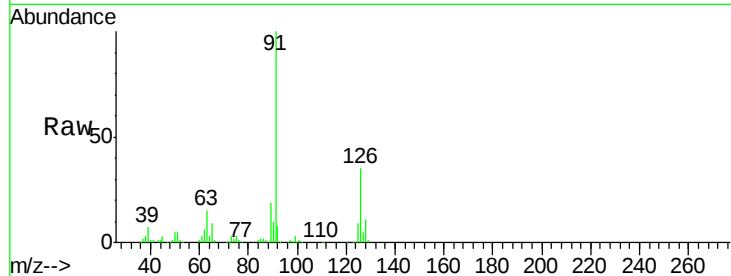
126 35.1 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 54.387 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025202.D

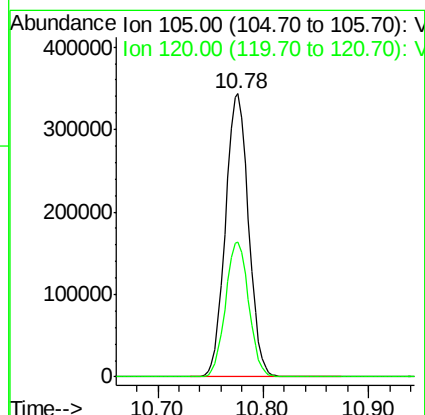
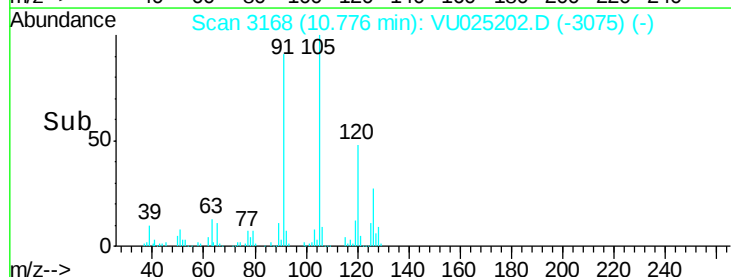
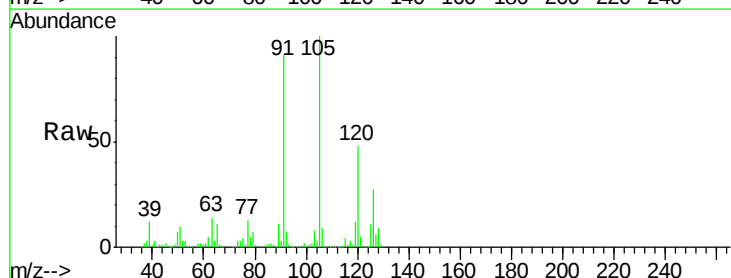
Acq: 03 Jul 2018 20:28

Tgt Ion: 105 Resp: 519012

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.226 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU025202.D

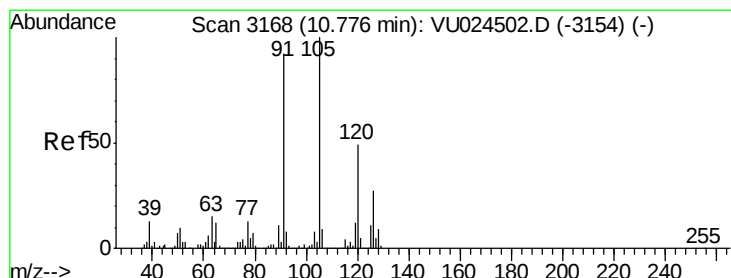
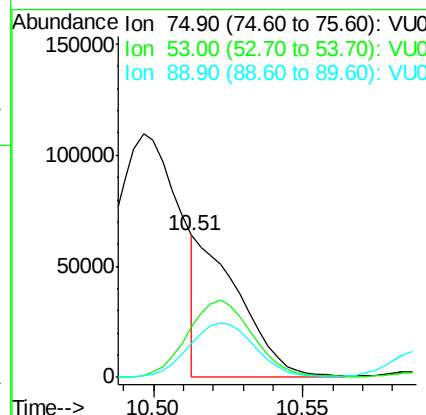
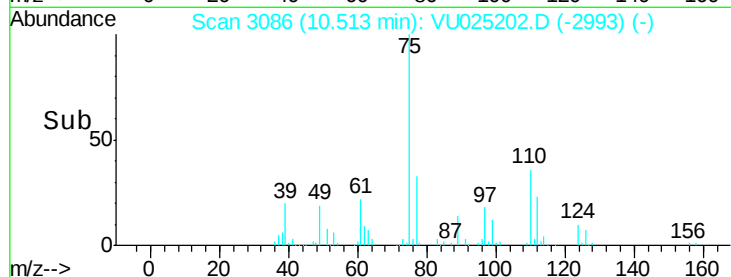
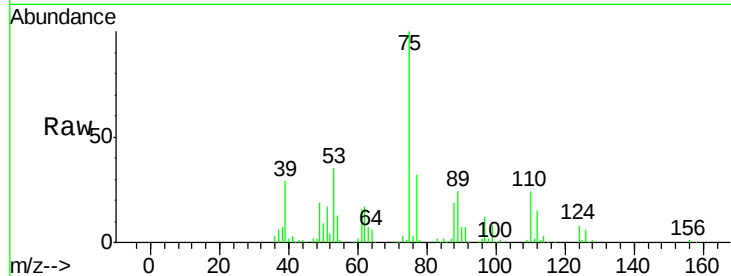
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

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

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#82

4-Chlorotoluene

Concen: 53.763 ug/l

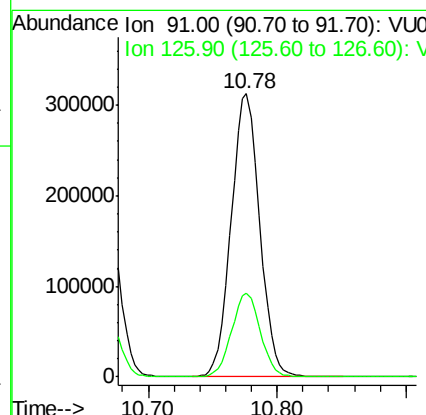
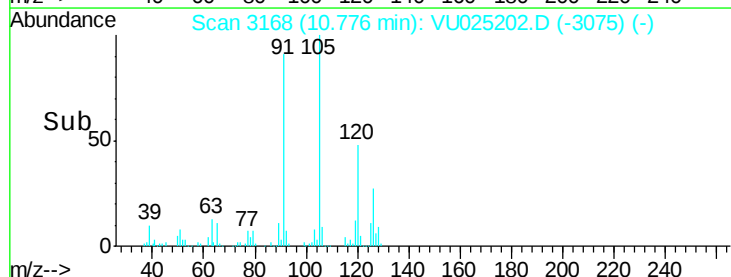
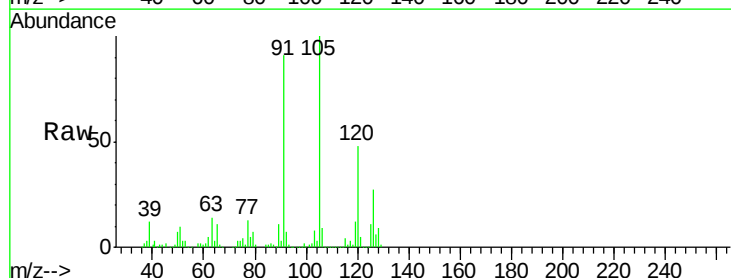
RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.9	44.9





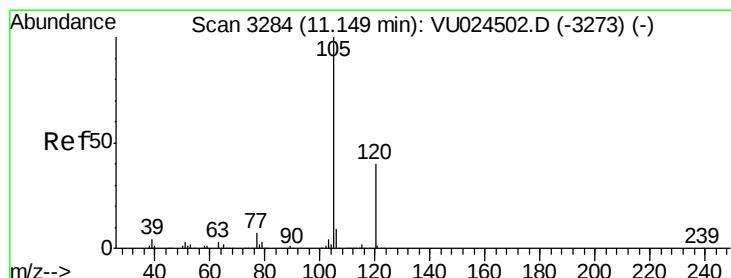
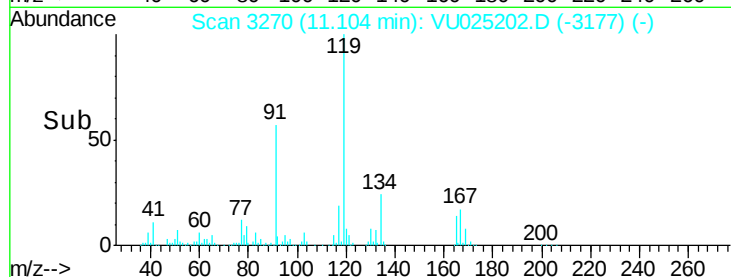
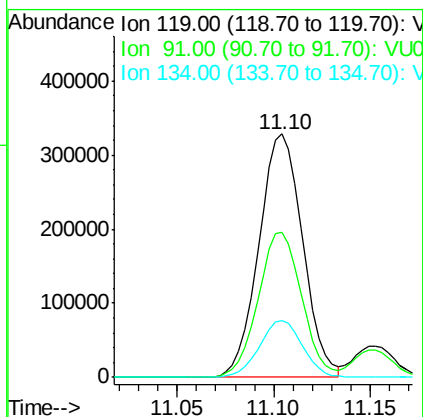
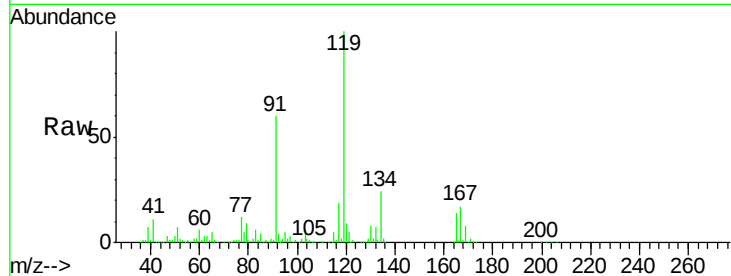
#83
tert-Butylbenzene
Concen: 56.280 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.7	89.1
134	23.0	11.6	34.7

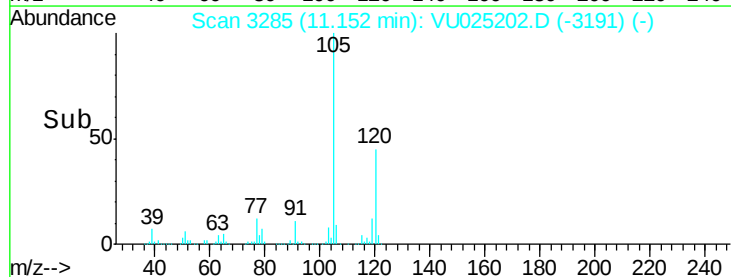
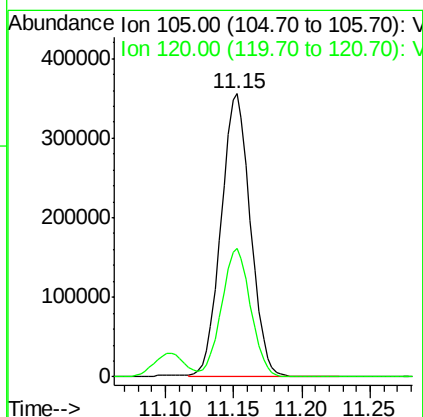
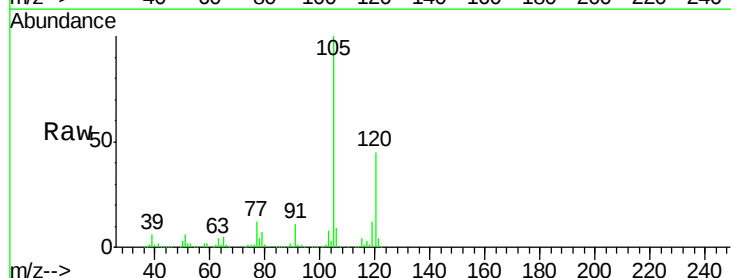
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#84
1,2,4-Trimethylbenzene
Concen: 54.470 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.6	67.8





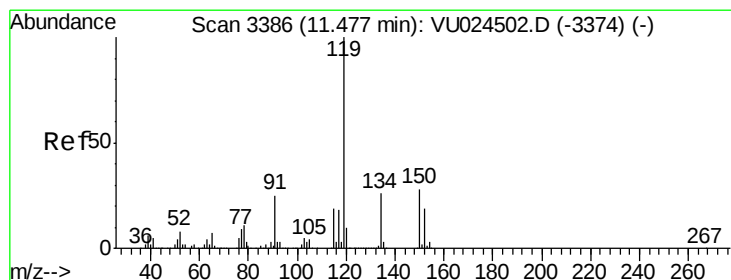
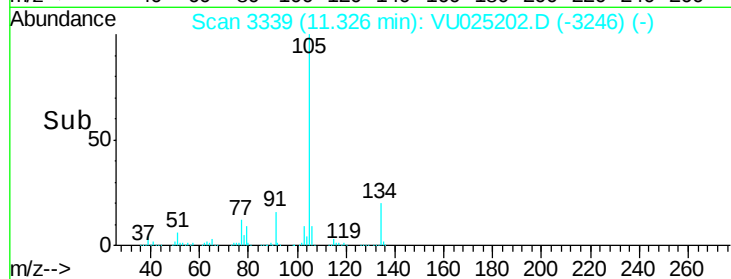
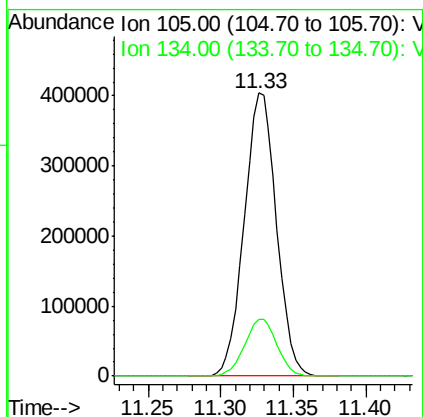
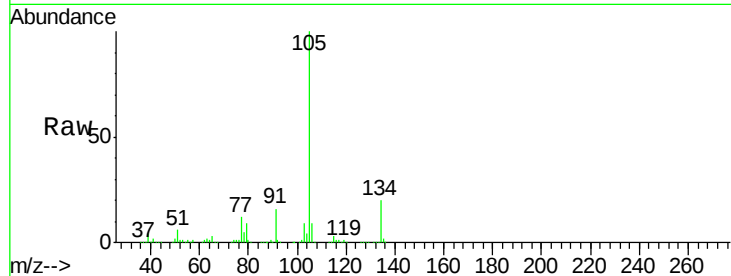
#85
 sec-Butylbenzene
 Concen: 54.242 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	9.7	29.1

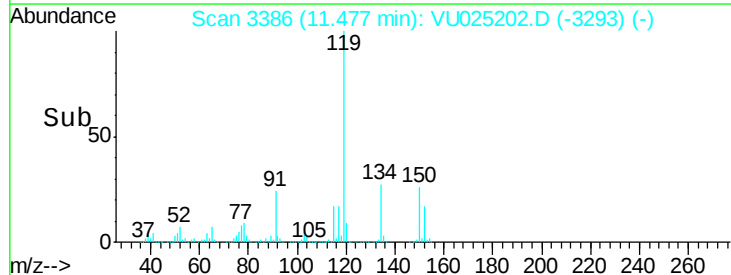
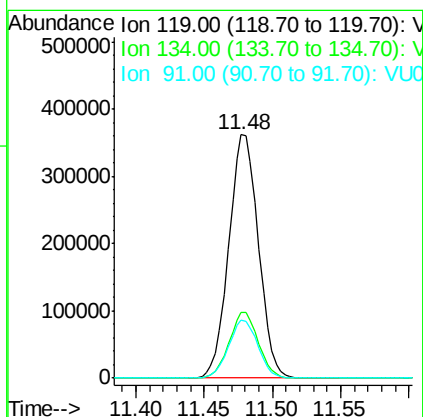
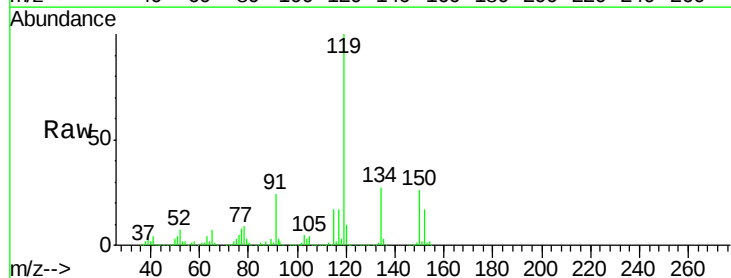
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#86
 p-Isopropyltoluene
 Concen: 52.916 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	12.9	38.6
91	23.8	12.0	36.1





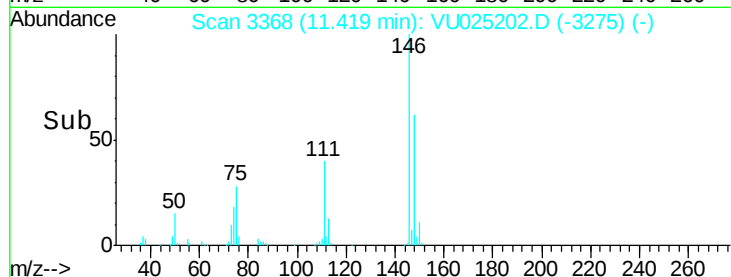
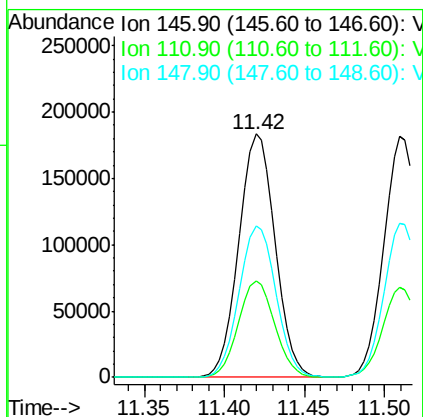
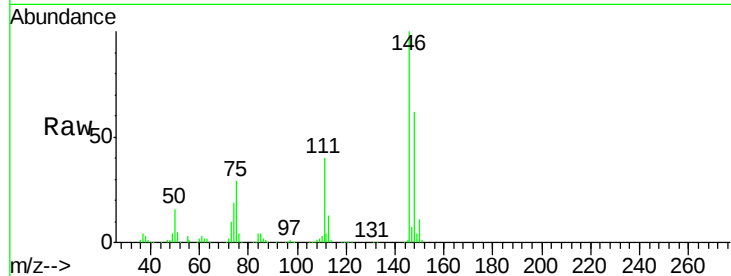
#87
 1,3-Dichlorobenzene
 Concen: 55.002 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	63.4	32.1	96.5

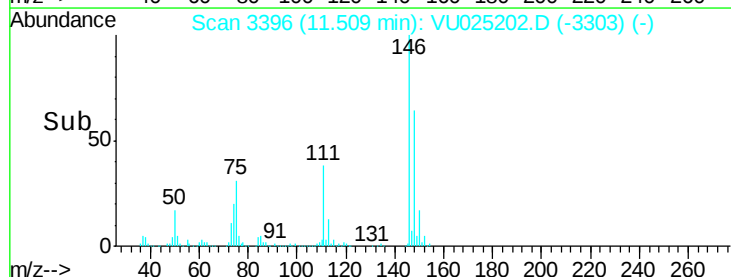
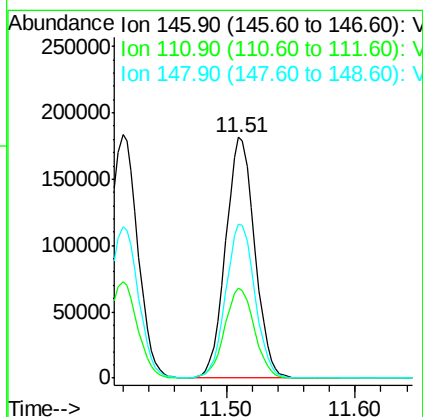
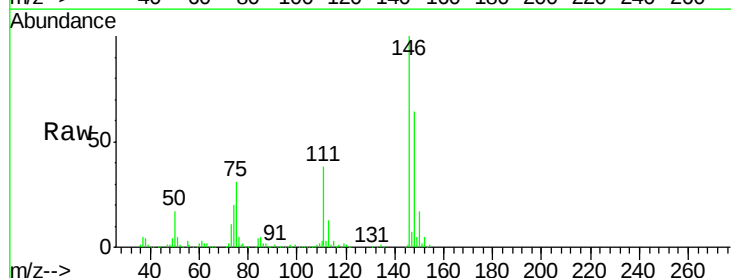
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#88
 1,4-Dichlorobenzene
 Concen: 54.572 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.5	58.5
148	64.5	32.4	97.0





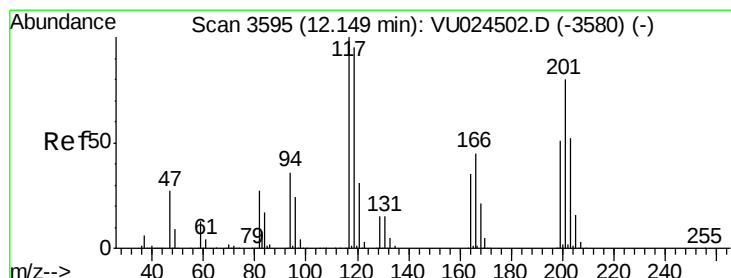
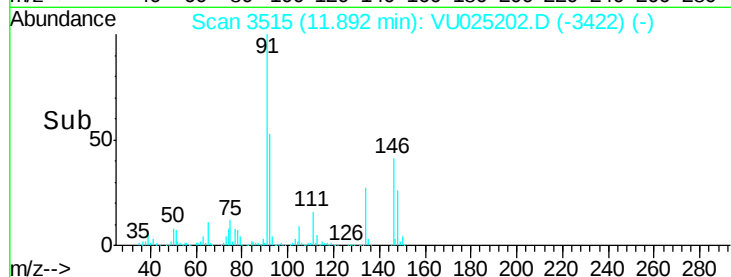
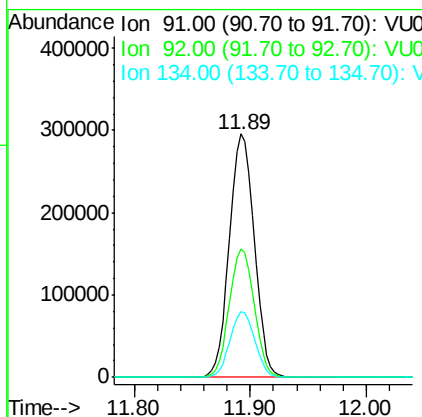
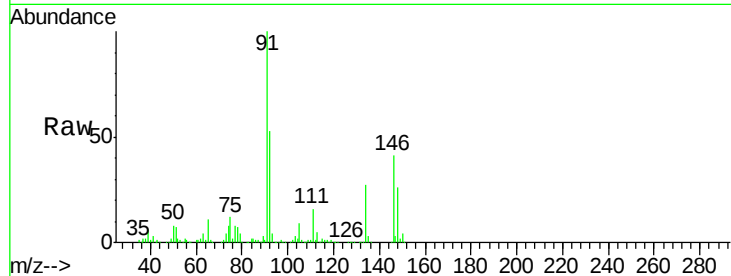
#89
n-Butylbenzene
Concen: 48.144 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

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

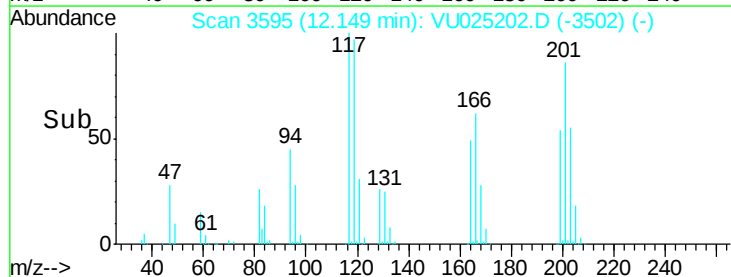
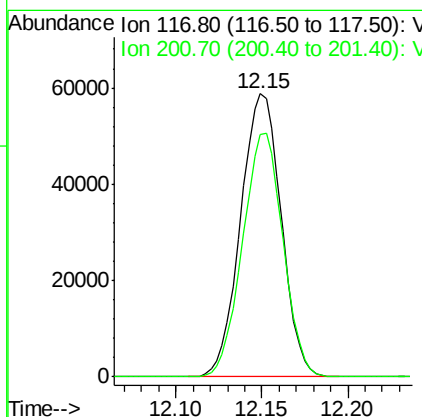
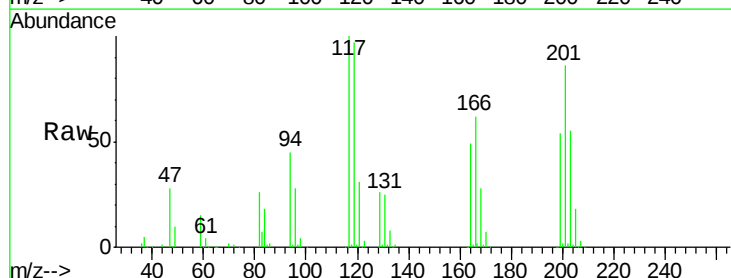
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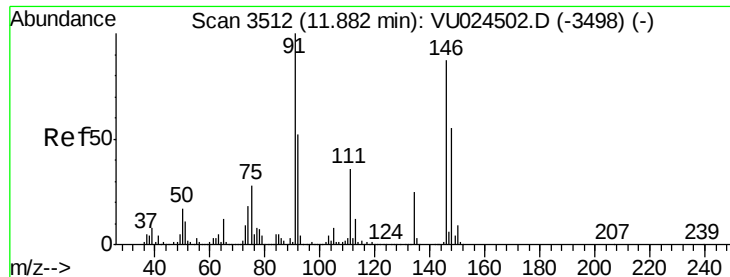
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#90
Hexachloroethane
Concen: 47.925 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025202.D
Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.4	41.1	123.3





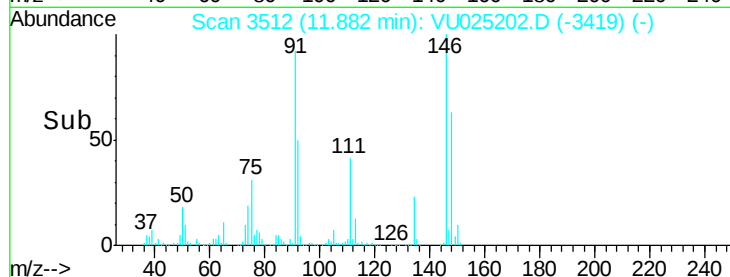
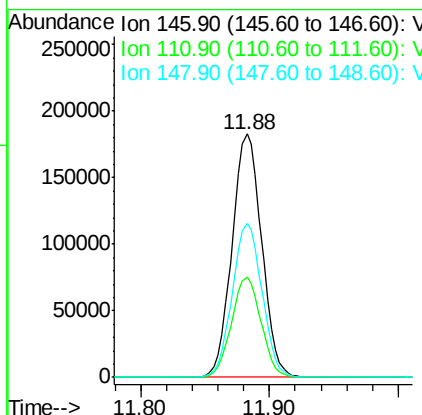
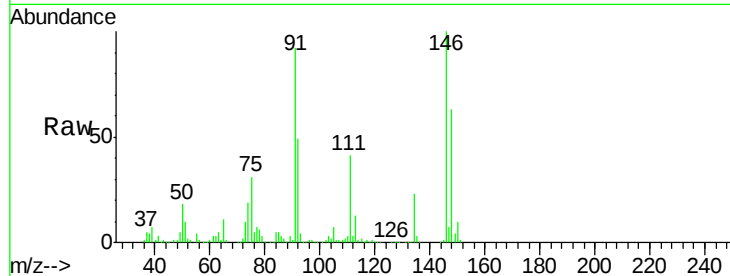
#91
 1,2-Dichlorobenzene
 Concen: 56.627 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.6
148	63.5	31.9	95.7

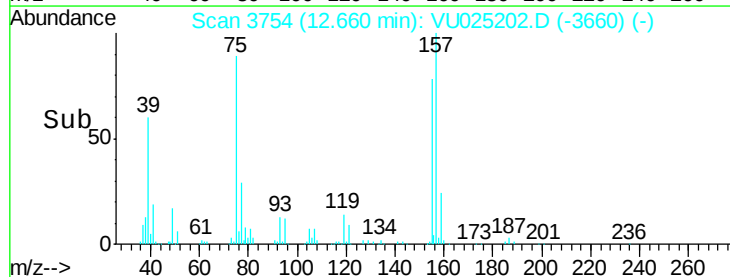
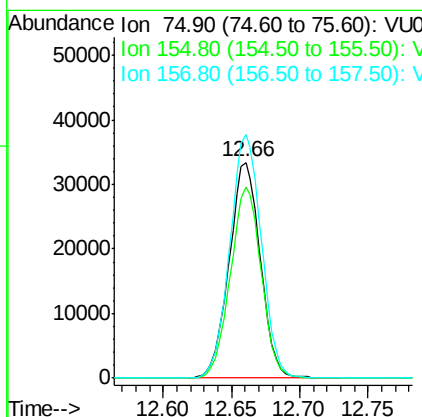
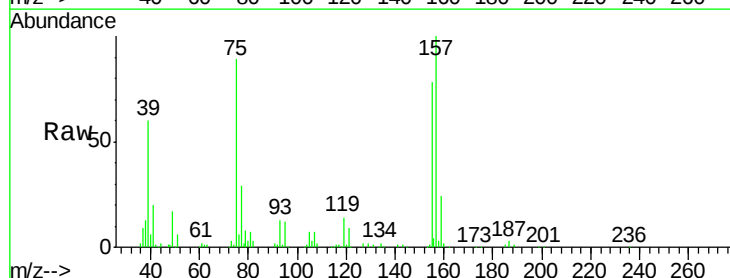
Manual Integrations
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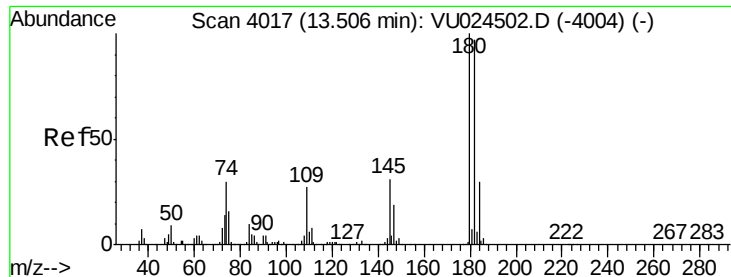
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.088 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	40.4	121.2
157	114.2	52.3	156.8





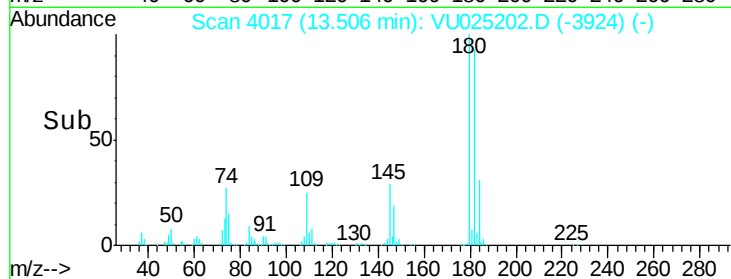
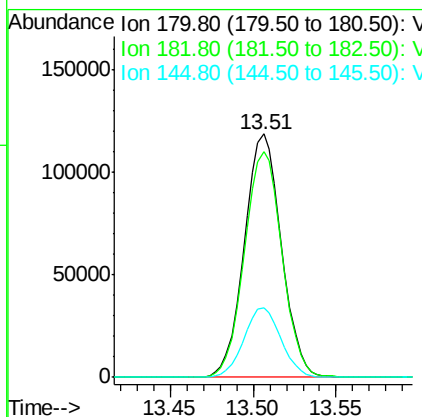
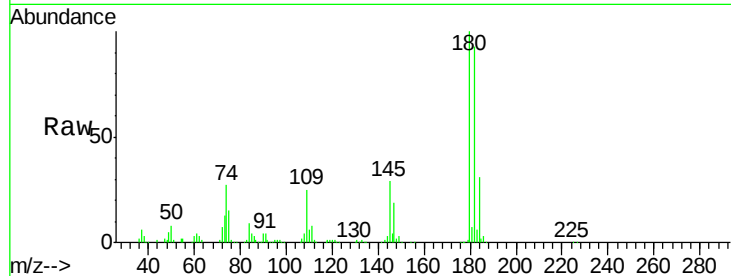
#93
 1,2,4-Trichlorobenzene
 Concen: 57.764 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	183989		
182	94.6	48.0	144.2	
145	28.8	14.7	44.1	

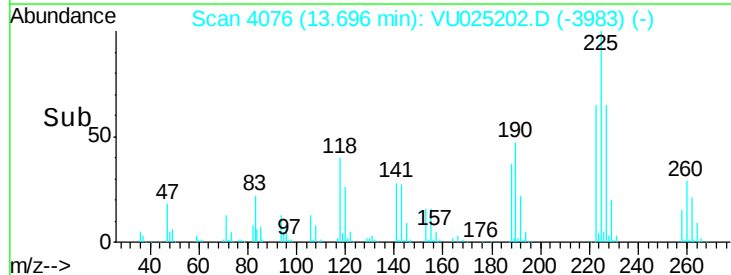
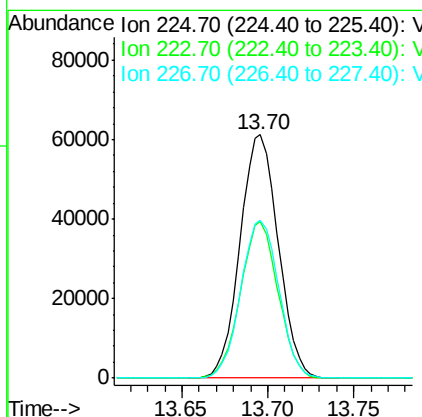
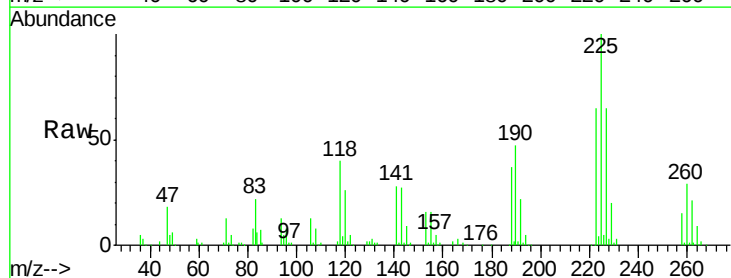
Manual Integrations
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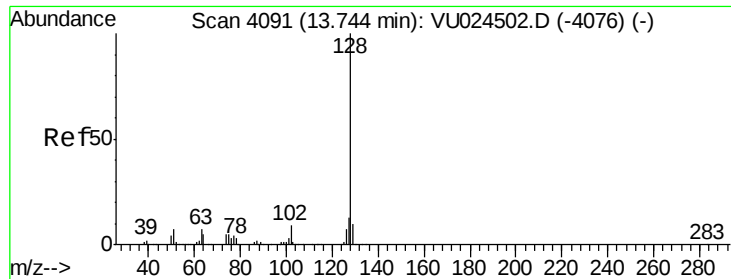
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#94
 Hexachlorobutadiene
 Concen: 52.769 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025202.D
 Acq: 03 Jul 2018 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94604		
223	63.1	31.3	93.8	
227	64.7	31.8	95.4	





#95

Naphthalene

Concen: 59.044 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Instrument :

MSVOA_U

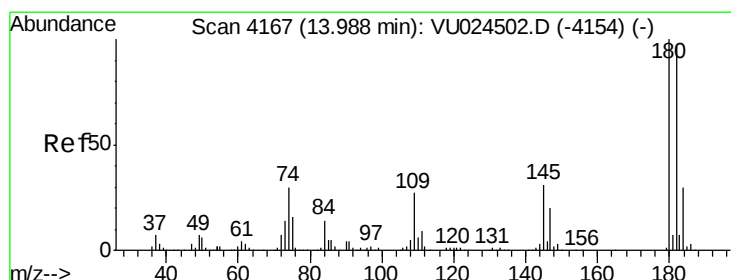
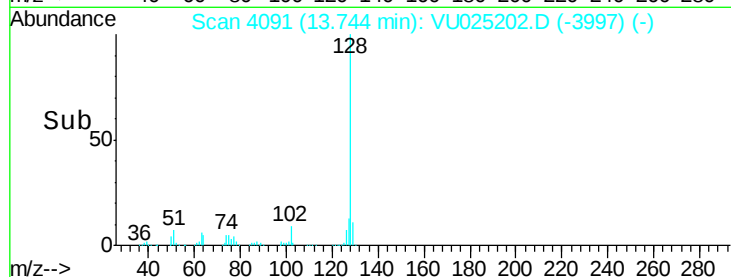
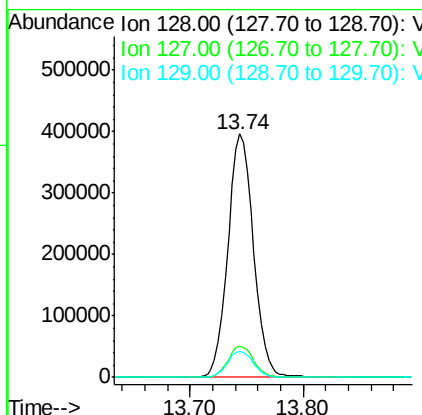
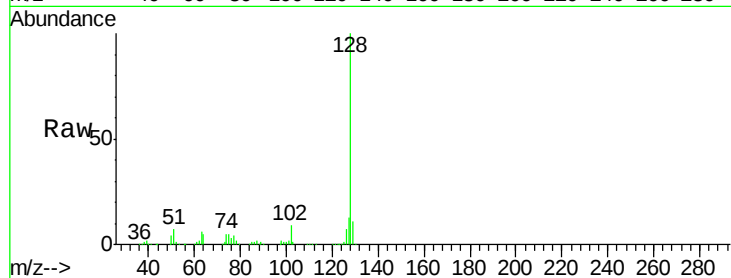
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	623913
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.0	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 60.803 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU025202.D

Acq: 03 Jul 2018 20:28

Tgt Ion:	180	Resp:	192979
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.7
145	31.8	15.4	46.1

