

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070318\
 Data File : VU025181.D
 Acq On : 03 Jul 2018 09:55
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 7/5/2018 2:29:58 PM

Quant Time: Jul 04 05:09:02 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	183826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	268595	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157398	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	133262	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.82%		
35) Dibromofluoromethane	4.88	113	110810	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.42%		
50) Toluene-d8	7.57	98	355402	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery =	87.42%		
62) 4-Bromofluorobenzene	10.31	95	155577	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.38%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	93084	40.455	ug/l	99
3) Chloromethane	1.33	50	95101	40.456	ug/l	99
4) Vinyl Chloride	1.40	62	106306	43.851	ug/l	98
5) Bromomethane	1.61	94	61159	52.186	ug/l	99
6) Chloroethane	1.69	64	68680	50.714	ug/l	99
7) Trichlorofluoromethane	1.88	101	178864	48.346	ug/l	97
8) Diethyl Ether	2.10	74	65500	52.103	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	108103	47.099	ug/l	96
10) Methyl Iodide	2.41	142	110652	56.228	ug/l	97
11) Tert butyl alcohol	2.82	59	159634	218.716	ug/l	100
12) 1,1-Dichloroethene	2.28	96	99119	47.354	ug/l	97
13) Acrolein	2.19	56	55487	144.771	ug/l	99
14) Allyl chloride	2.59	41	173118	44.545	ug/l	99
15) Acrylonitrile	2.93	53	329923	232.333	ug/l	99
16) Acetone	2.32	43	397826	246.724	ug/l	99
17) Carbon Disulfide	2.48	76	272163	40.608	ug/l	99
18) Methyl Acetate	2.61	43	193948	56.107	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	390792	49.668	ug/l	96
20) Methylene Chloride	2.70	84	117601	46.482	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	108953	47.261	ug/l	95
22) Diisopropyl ether	3.57	45	369584	47.972	ug/l	95
23) Vinyl Acetate	3.52	43	1563121	226.495	ug/l	98
24) 1,1-Dichloroethane	3.45	63	211617	47.748	ug/l	99
25) 2-Butanone	4.26	43	511483	236.157	ug/l	97
26) 2,2-Dichloropropane	4.23	77	205105	48.737	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	130332	49.175	ug/l	98
28) Bromochloromethane	4.55	49	82423	42.222	ug/l	84
29) Tetrahydrofuran	4.64	42	302872	225.814	ug/l	97
30) Chloroform	4.68	83	225562	50.282	ug/l	97
31) Cyclohexane	5.00	56	190873	48.435	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	205761	49.602	ug/l	96
36) 1,1-Dichloropropene	5.14	75	163767	51.887	ug/l	98
37) Ethyl Acetate	4.38	43	174976	50.865	ug/l	97
38) Carbon Tetrachloride	5.14	117	183368	52.832	ug/l	97

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Quant Time: Jul 04 05:09:02 2018
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 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)
39) Methylcyclohexane	6.42	83	205009	52.050	ug/l	94
40) Benzene	5.39	78	462162	51.389	ug/l	100
41) Methacrylonitrile	4.54	41	98894	53.320	ug/l	98
42) 1,2-Dichloroethane	5.41	62	190224	55.535	ug/l	99
43) Isopropyl Acetate	5.54	43	288611	48.537	ug/l	99
44) Trichloroethene	6.19	130	132810	51.889	ug/l	95
45) 1,2-Dichloropropane	6.44	63	124253	51.779	ug/l	98
46) Dibromomethane	6.56	93	89334	53.000	ug/l	94
47) Bromodichloromethane	6.76	83	171265	51.026	ug/l	99
48) Methyl methacrylate	6.62	41	149825	51.745	ug/l	99
49) 1,4-Dioxane	6.61	88	67036	1183.869	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	921309	246.620	ug/l	98
52) Toluene	7.64	92	305528	52.804	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	191377	50.773	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	201140	50.080	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	122488	52.079	ug/l	96
56) Ethyl methacrylate	8.02	69	196201	49.841	ug/l	98
57) 1,3-Dichloropropane	8.25	76	209417	52.782	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	414977	275.161	ug/l	94
59) 2-Hexanone	8.36	43	747009	244.931	ug/l	98
60) Dibromochloromethane	8.48	129	144296	49.199	ug/l	100
61) 1,2-Dibromoethane	8.59	107	134563	51.403	ug/l	97
64) Tetrachloroethene	8.23	164	128510	53.172	ug/l	97
65) Chlorobenzene	9.12	112	347631	53.519	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	128621	52.121	ug/l	97
67) Ethyl Benzene	9.25	91	612584	53.797	ug/l	99
68) m/p-Xylenes	9.38	106	475594	108.766	ug/l	97
69) o-Xylene	9.78	106	232396	53.703	ug/l	97
70) Styrene	9.80	104	375151	52.753	ug/l	99
71) Bromoform	9.96	173	113456	48.370	ug/l #	99
73) Isopropylbenzene	10.17	105	634916	52.540	ug/l	100
74) N-amyl acetate	10.01	43	258717	45.011	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	200886	49.607	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	172601m	49.808	ug/l	
77) Bromobenzene	10.45	156	158240	51.724	ug/l	94
78) n-propylbenzene	10.59	91	723260	50.808	ug/l	97
79) 2-Chlorotoluene	10.66	91	430351	51.264	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	546164	52.144	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	67525m	45.098	ug/l	
82) 4-Chlorotoluene	10.77	91	500834	51.259	ug/l	100
83) tert-Butylbenzene	11.10	119	540671	53.663	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	567083	53.127	ug/l	100
85) sec-Butylbenzene	11.33	105	656467	52.053	ug/l	98
86) p-Isopropyltoluene	11.48	119	590805	52.306	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	296244	52.413	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	302984	53.259	ug/l	98
89) n-Butylbenzene	11.89	91	495330	49.395	ug/l	97
90) Hexachloroethane	12.15	117	101591	46.106	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	303785	53.660	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50651	45.330	ug/l	89

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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)
93) 1,2,4-Trichlorobenzene	13.51	180	198594	56.806	ug/l	99
94) Hexachlorobutadiene	13.70	225	109338	55.566	ug/l	99
95) Naphthalene	13.74	128	615891	53.172	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	205085	58.873	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 183826

Ion Ratio Lower Upper

168 100

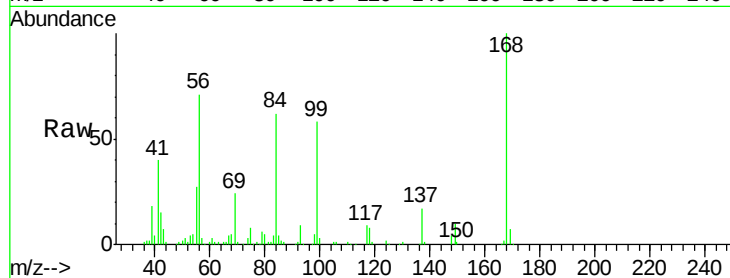
99 57.2 43.2 64.8

Manual Integrations

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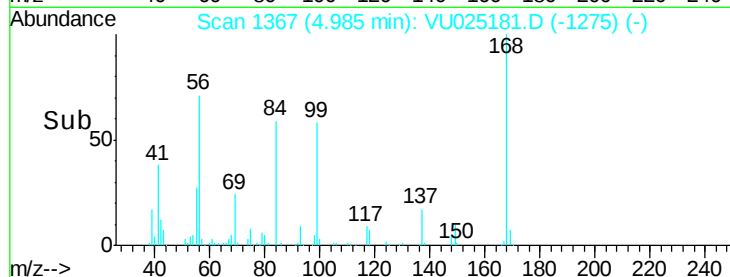
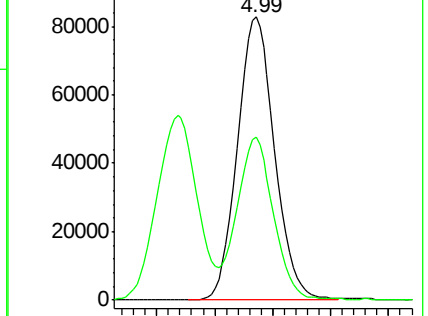
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 40.455 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025181.D

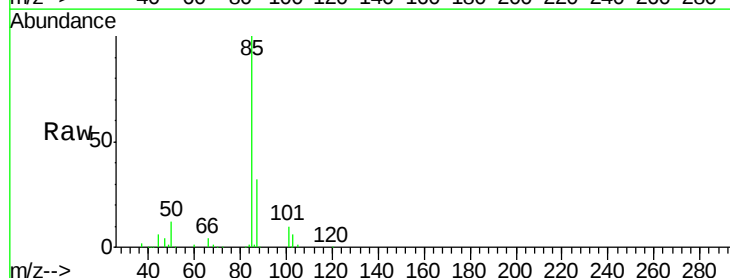
Acq: 03 Jul 2018 09:55

Tgt Ion: 85 Resp: 93084

Ion Ratio Lower Upper

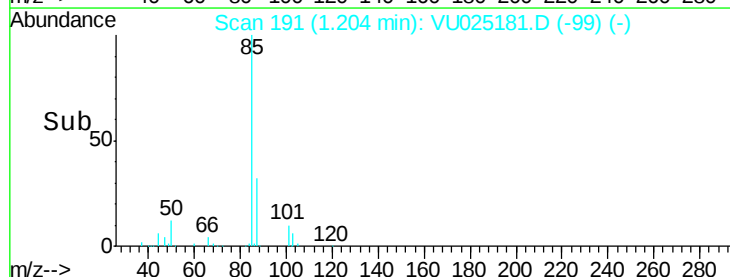
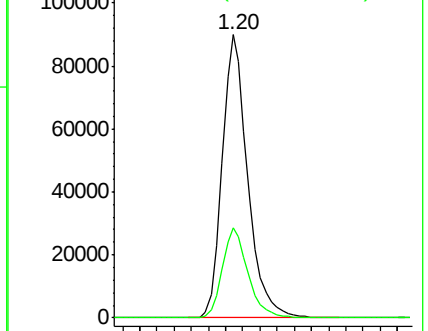
85 100

87 31.6 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: 40.456 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 95101

Ion Ratio Lower Upper

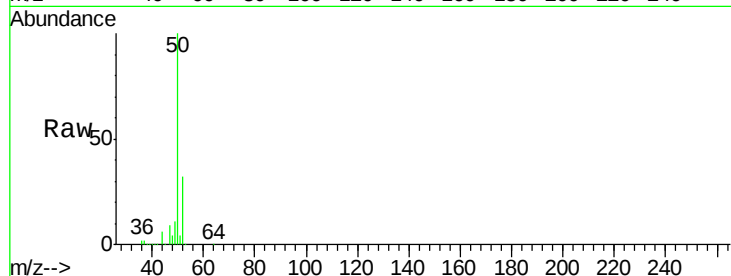
50 100

52 32.4 26.4 39.6

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Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)

1.33

100000

80000

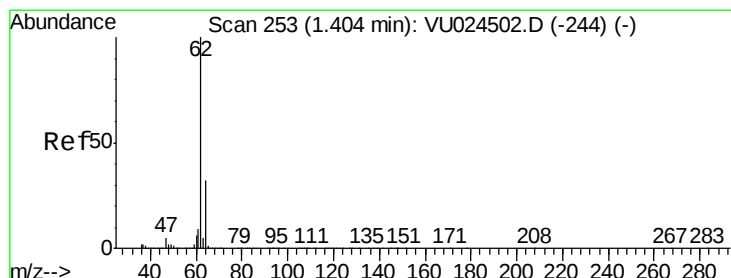
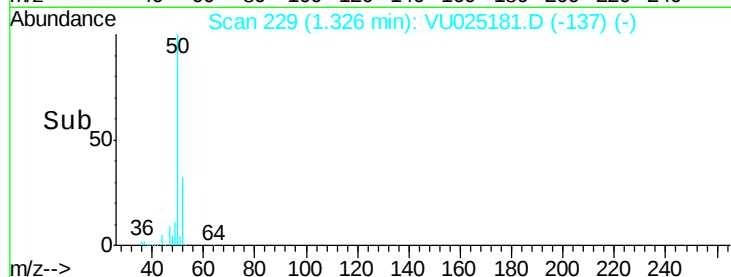
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 43.851 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025181.D

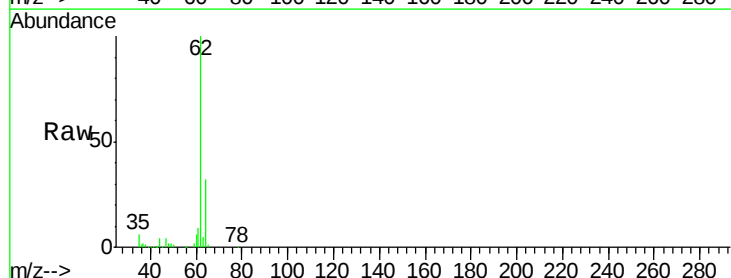
Acq: 03 Jul 2018 09:55

Tgt Ion: 62 Resp: 106306

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)

1.40

100000

80000

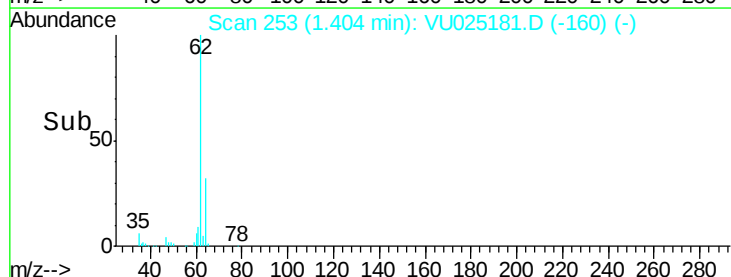
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40000

20000

0

Time-->





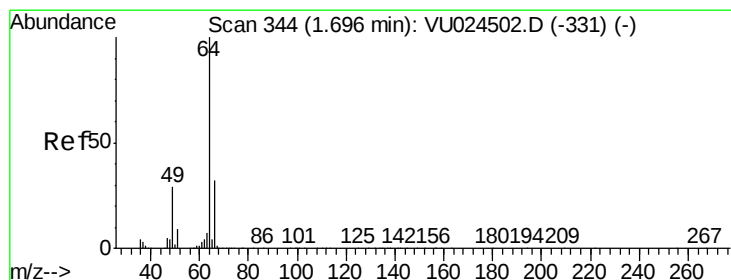
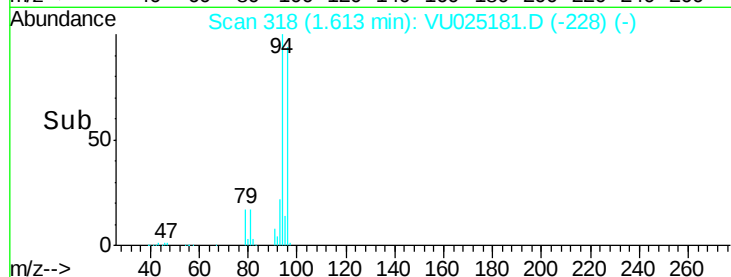
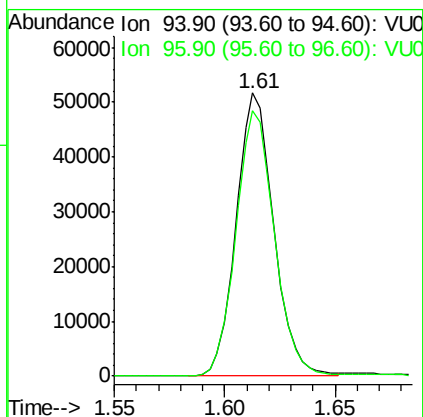
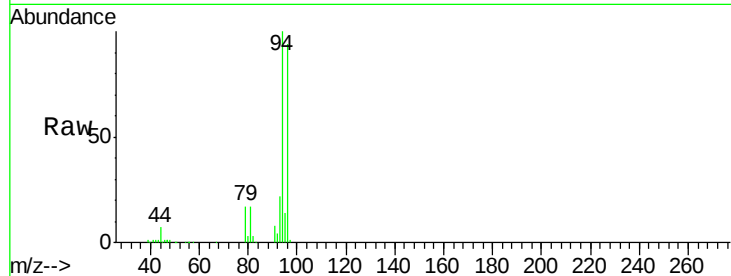
#5
Bromomethane
Concen: 52.186 ug/l
RT: 1.61 min Scan# 318
Delta R.T. -0.01 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 94 Resp: 61159
Ion Ratio Lower Upper
94 100
96 93.9 74.5 111.7

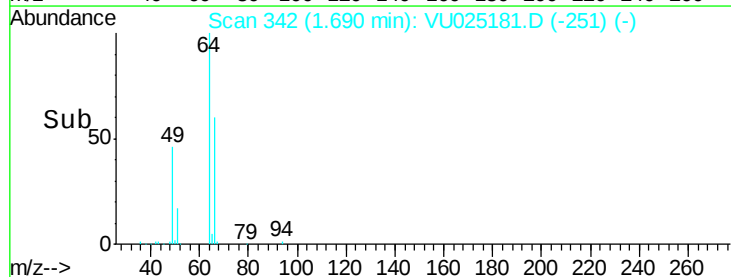
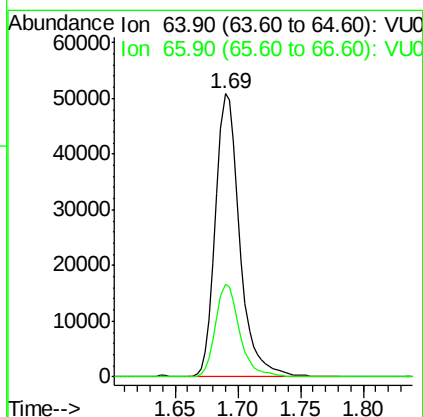
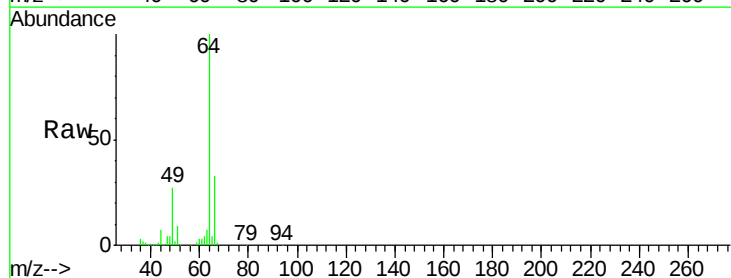
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#6
Chloroethane
Concen: 50.714 ug/l
RT: 1.69 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion: 64 Resp: 68680
Ion Ratio Lower Upper
64 100
66 32.5 25.5 38.3





#7

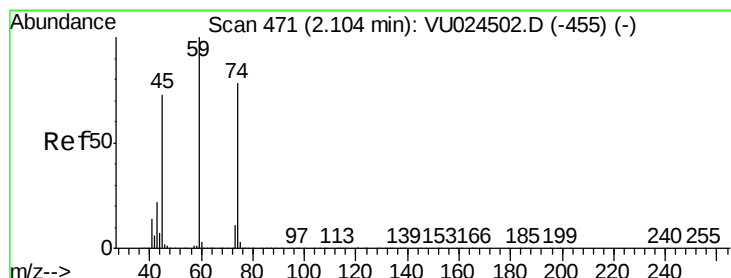
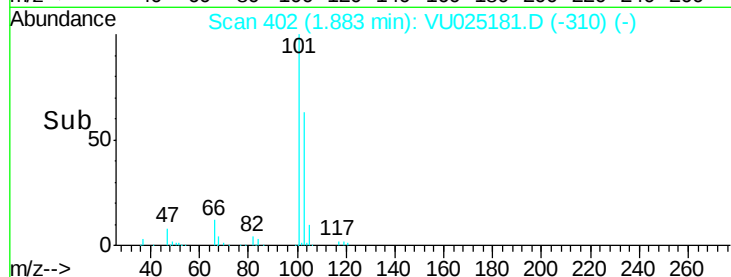
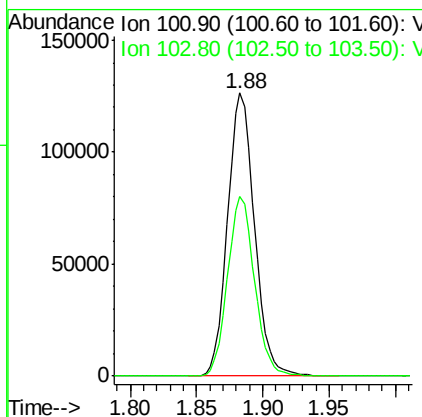
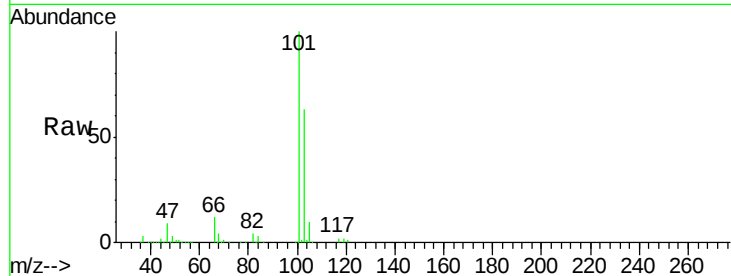
Trichlorofluoromethane
 Concen: 48.346 ug/l
 RT: 1.88 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	52.3	78.5

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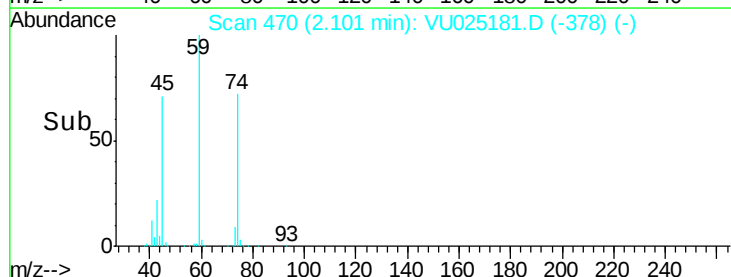
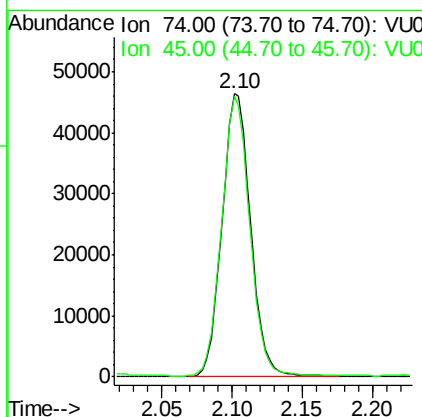
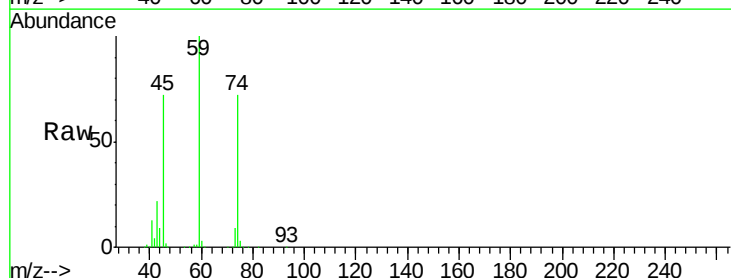
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#8

Diethyl Ether
 Concen: 52.103 ug/l
 RT: 2.10 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	55.0	165.0





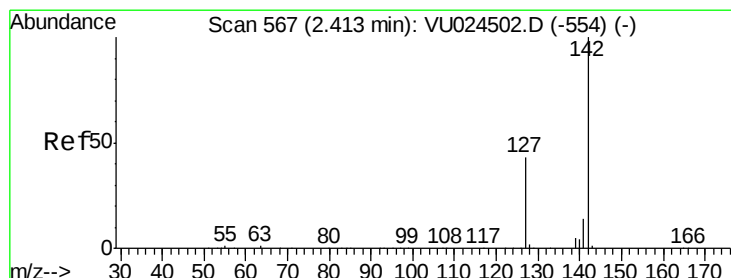
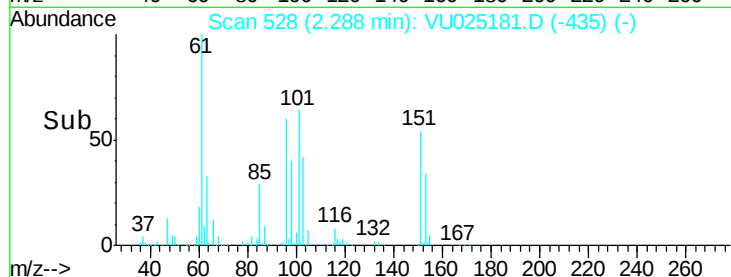
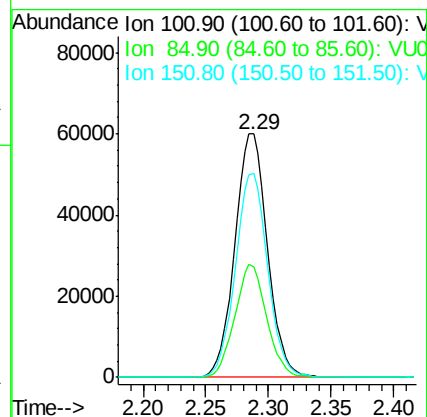
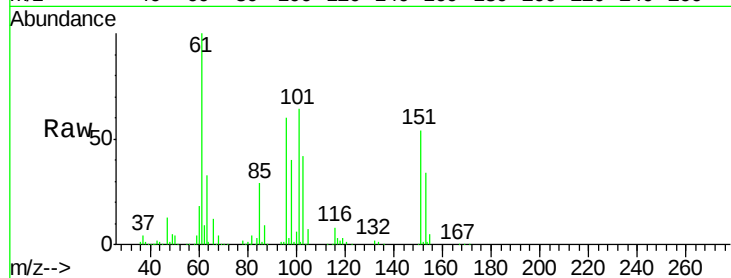
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.099 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
101	100		
85	45.3	36.0	54.0
151	83.1	62.3	93.5

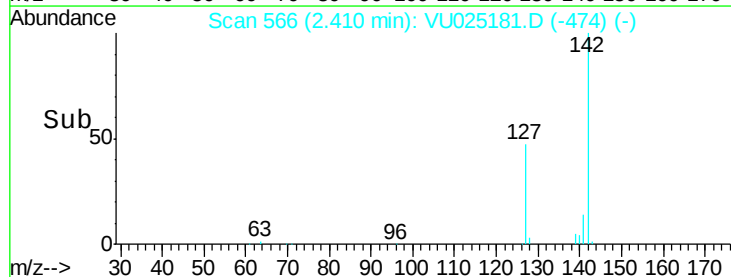
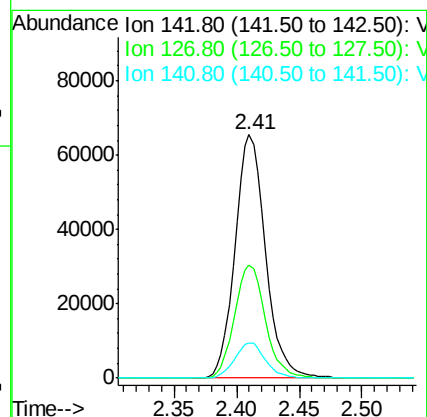
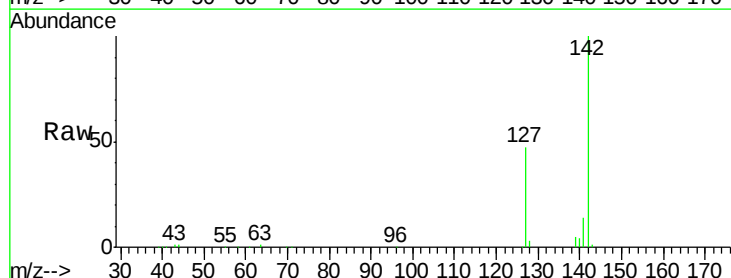
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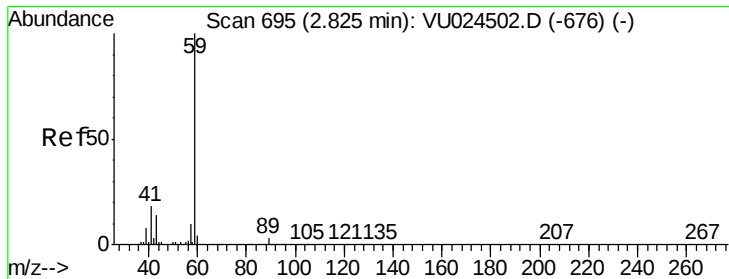
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#10
Methyl Iodide
Concen: 56.228 ug/l
RT: 2.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
127	47.0	35.6	53.4
141	14.5	11.7	17.5





#11

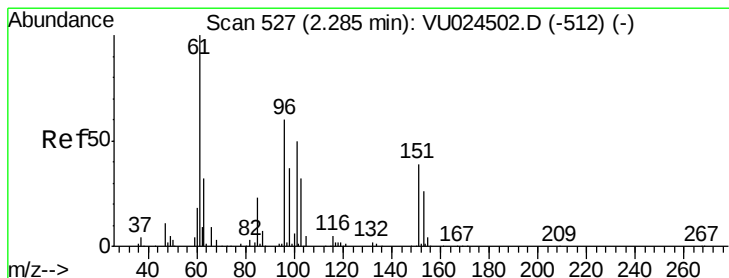
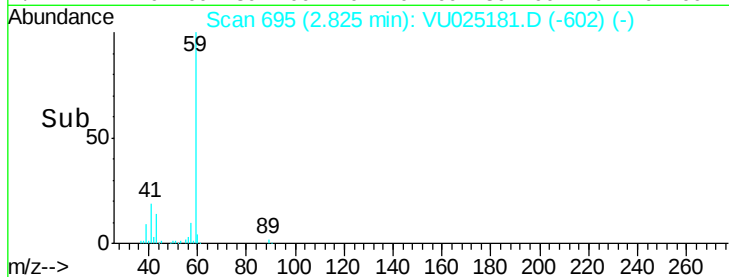
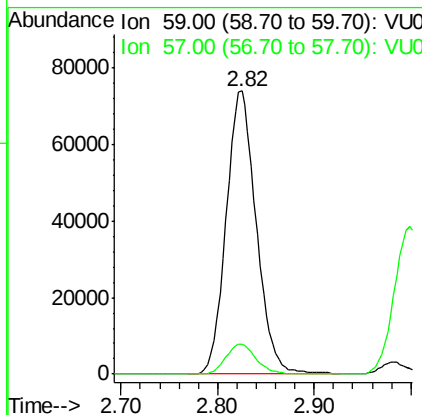
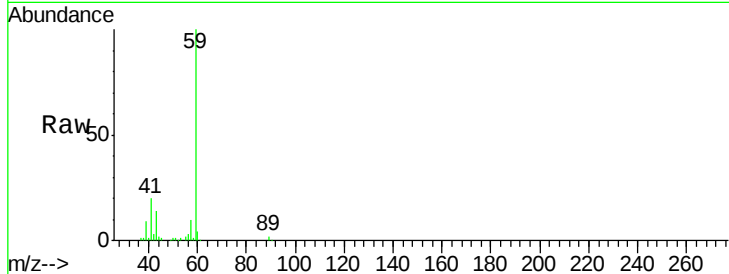
Tert butyl alcohol
Concen: 218.716 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

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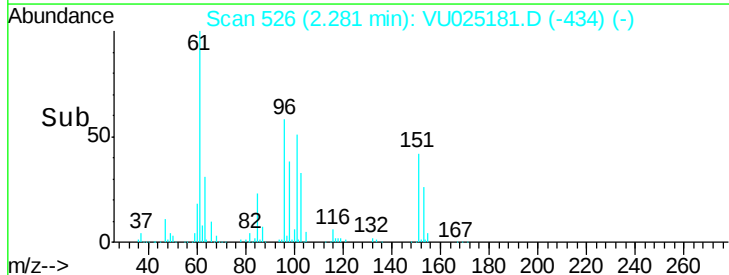
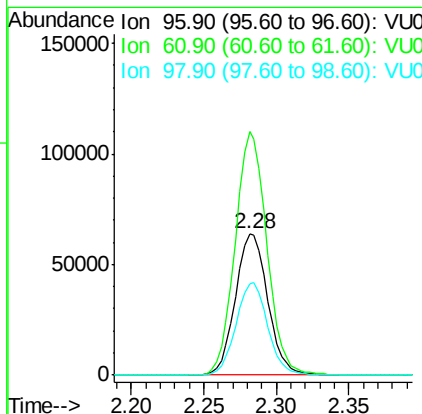
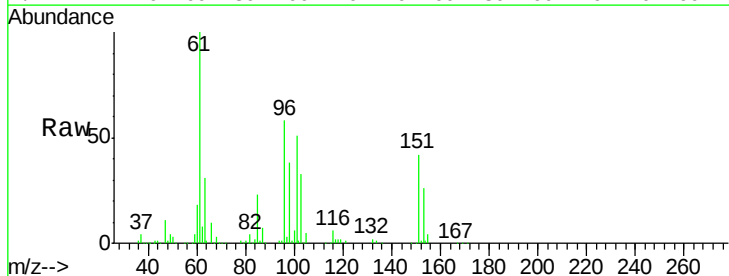
sam
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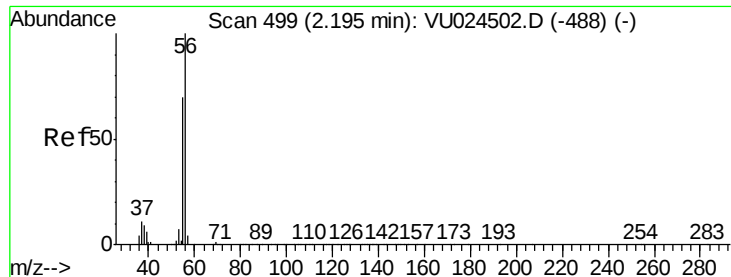


#12

1,1-Dichloroethene
Concen: 47.354 ug/l
RT: 2.28 min Scan# 526
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.0	141.7	212.5
98	64.9	51.6	77.4





#13

Acrolein

Concen: 144.771 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 55487

Ion Ratio Lower Upper

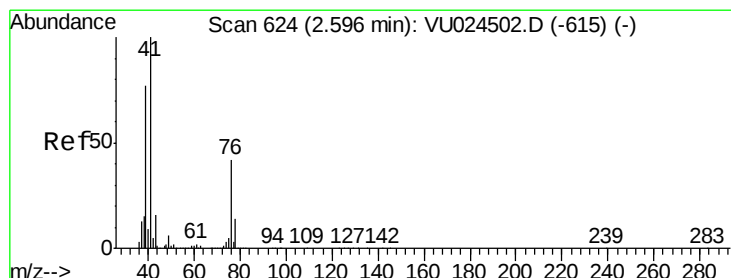
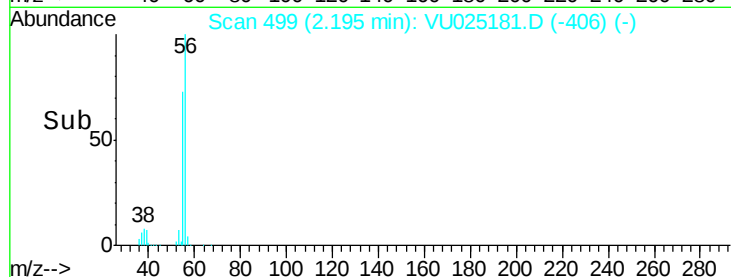
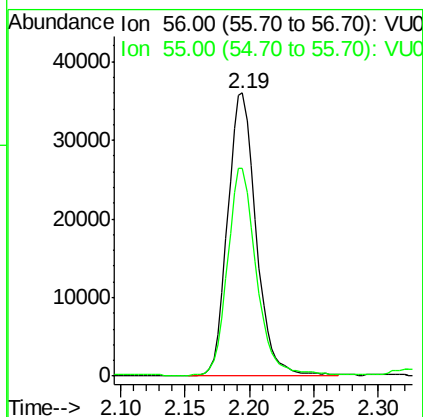
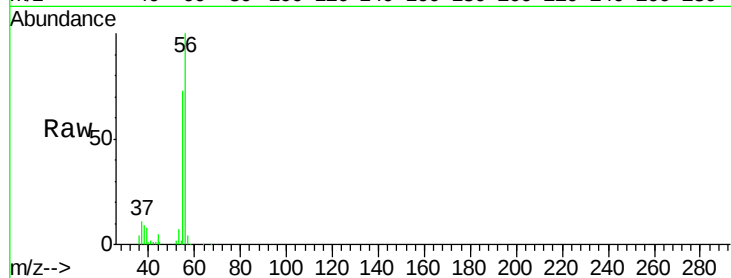
56 100

55 73.6 58.4 87.6

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#14

Allyl chloride

Concen: 44.545 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

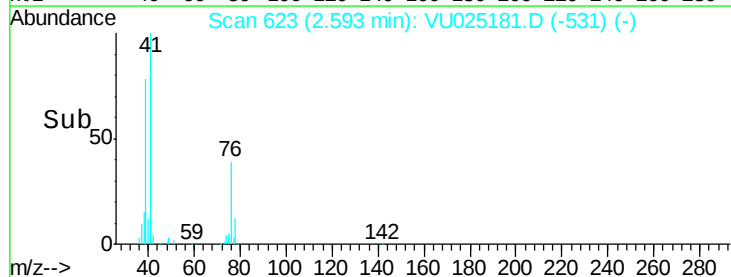
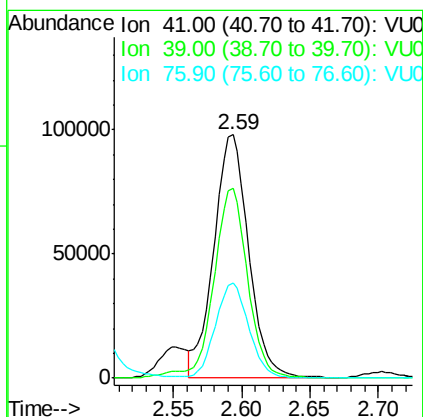
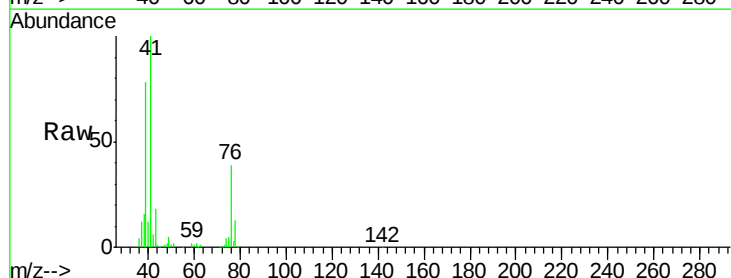
Tgt Ion: 41 Resp: 173118

Ion Ratio Lower Upper

41 100

39 76.7 61.6 92.4

76 37.6 29.7 44.5





#15

Acrylonitrile

Concen: 232.333 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

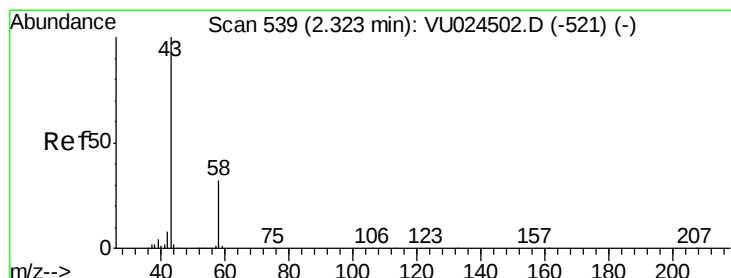
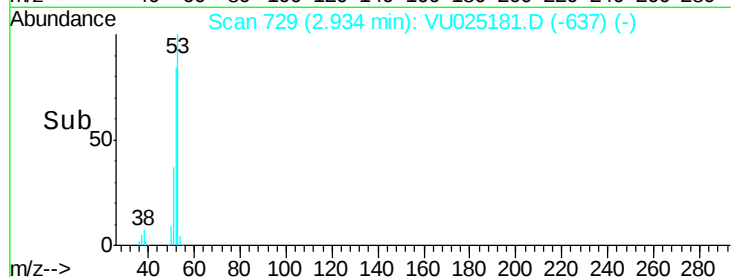
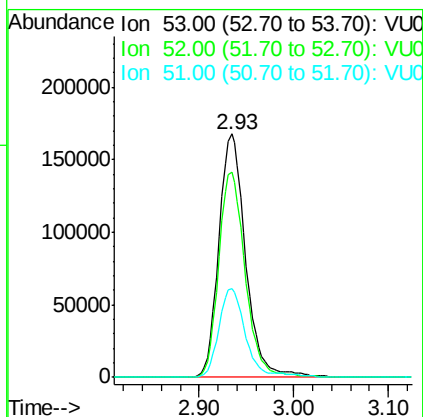
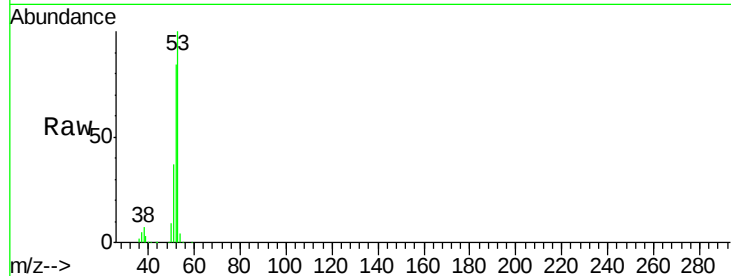
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	329923
Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.1	100.7
51	36.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 246.724 ug/l

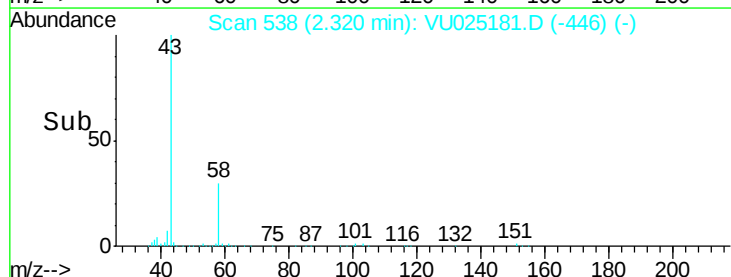
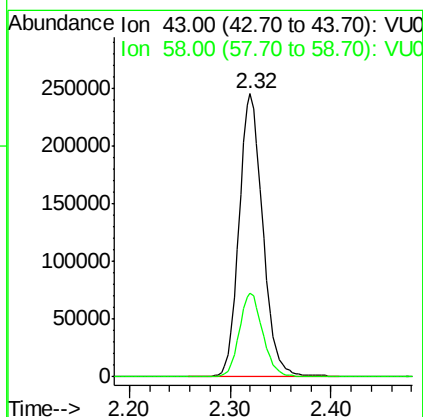
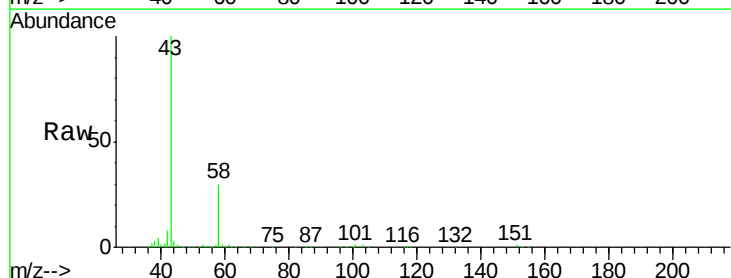
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Tgt Ion:	43	Resp:	397826
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.4	36.6





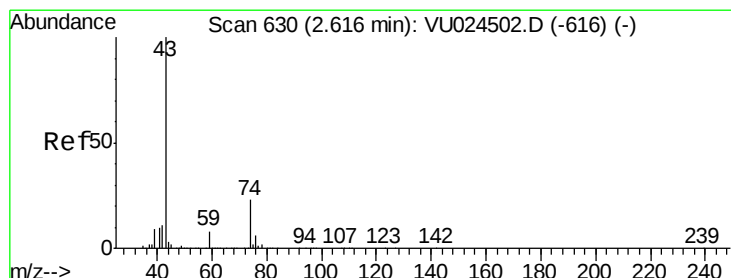
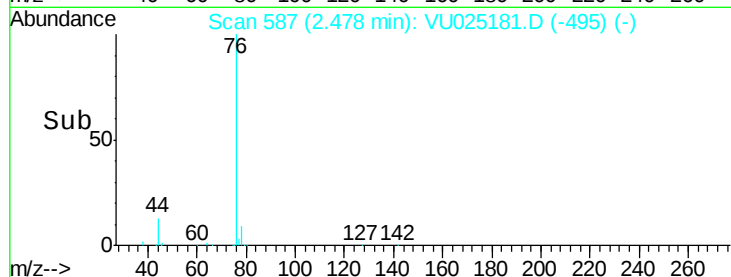
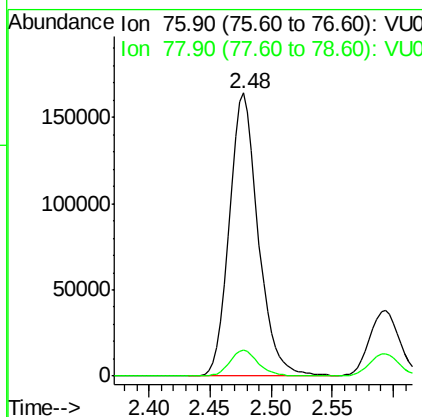
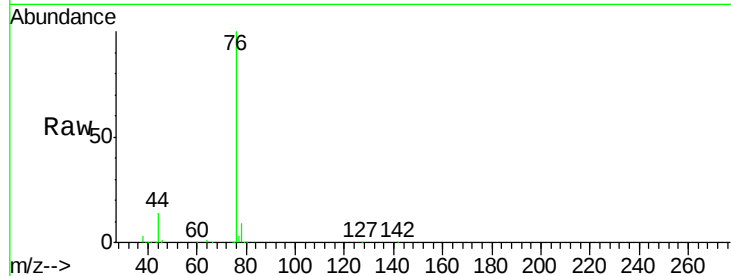
#17
Carbon Disulfide
Concen: 40.608 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

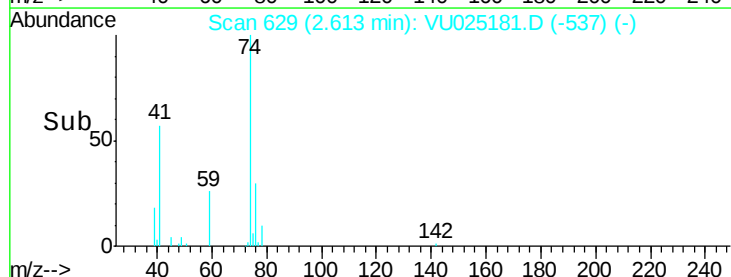
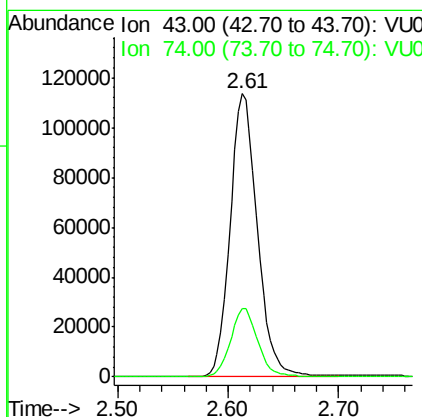
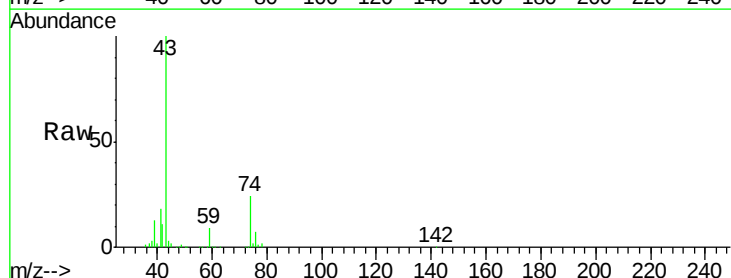
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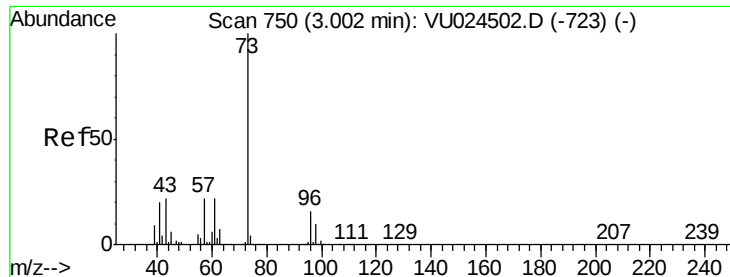
sam
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#18
Methyl Acetate
Concen: 56.107 ug/l
RT: 2.61 min Scan# 629
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	18.0	27.0





#19

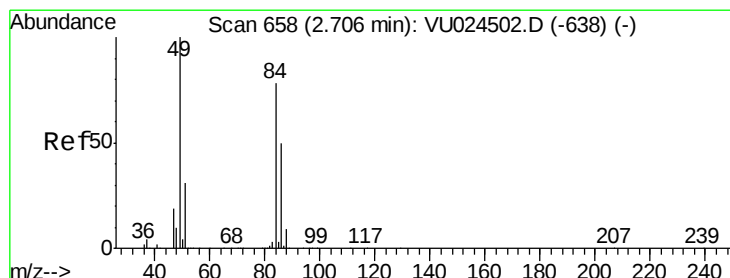
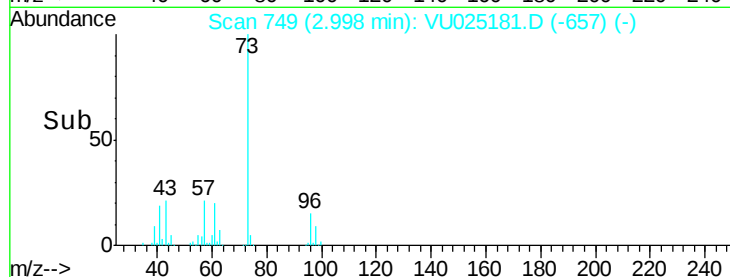
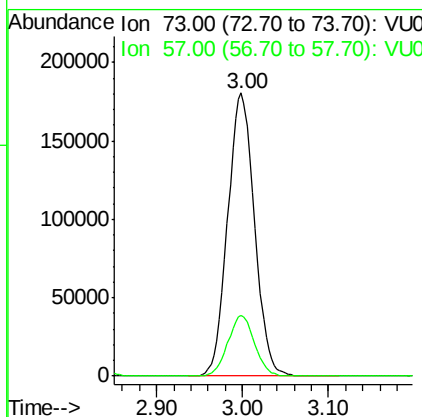
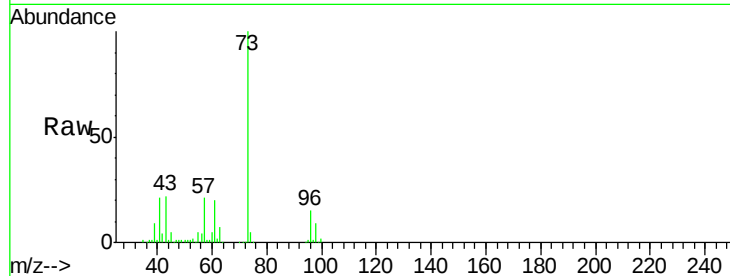
Methyl tert-butyl Ether
 Concen: 49.668 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	18.8	28.2

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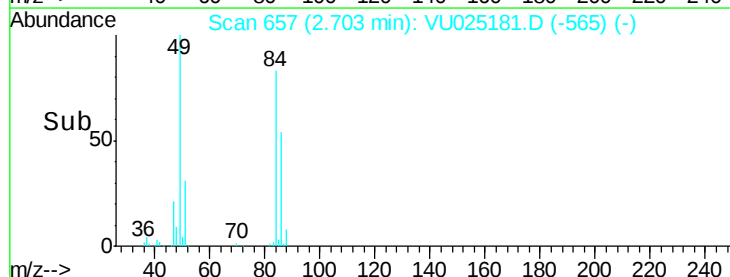
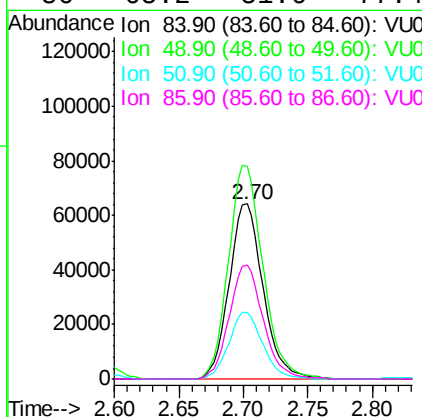
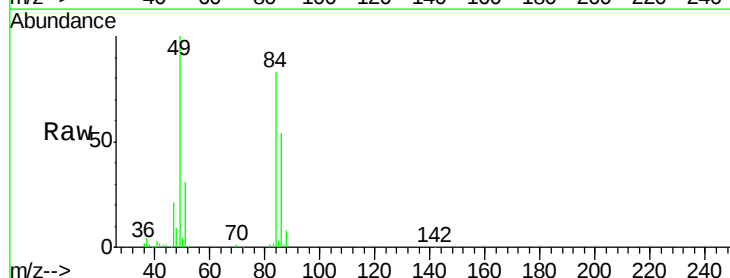
sam
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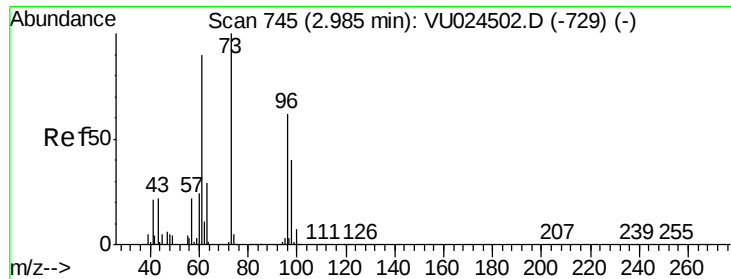


#20

Methylene Chloride
 Concen: 46.482 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.2	103.8	155.8
51	38.0	32.0	48.0
86	65.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 47.261 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

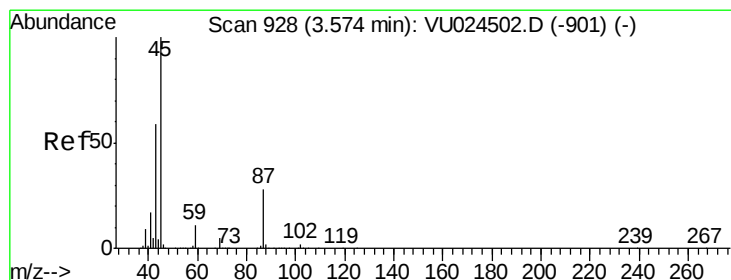
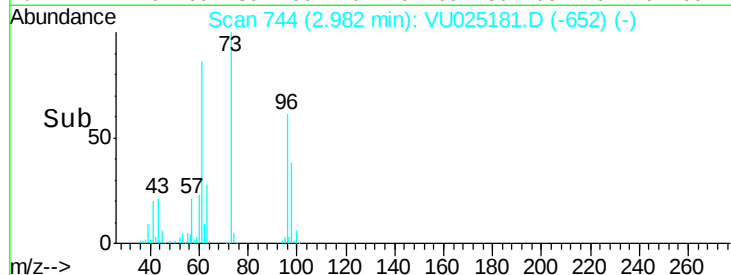
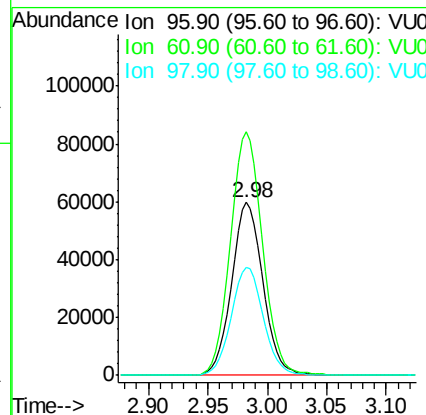
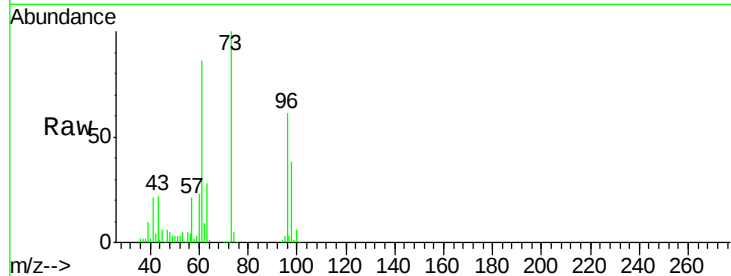
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	108953
Ion	Ratio	Lower	Upper
96	100		
61	140.8	119.4	179.0
98	62.6	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.972 ug/l

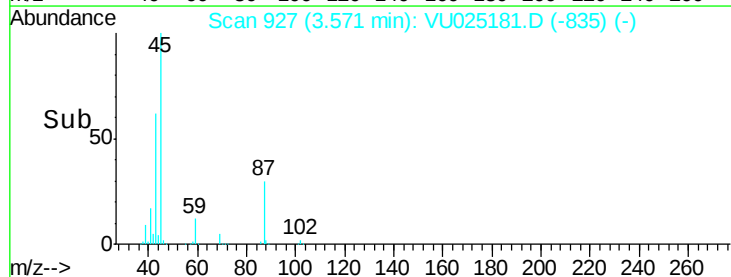
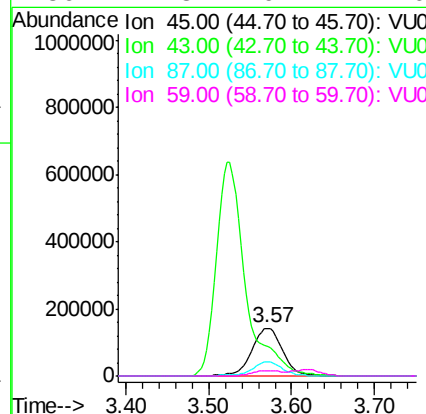
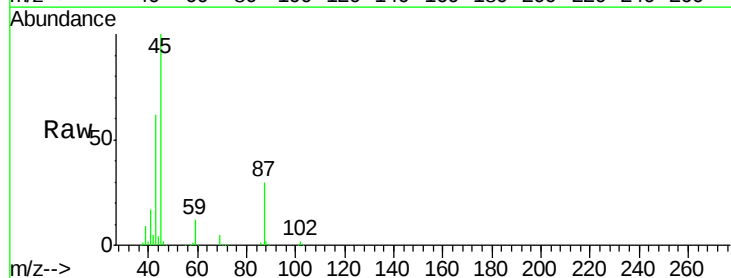
RT: 3.57 min Scan# 927

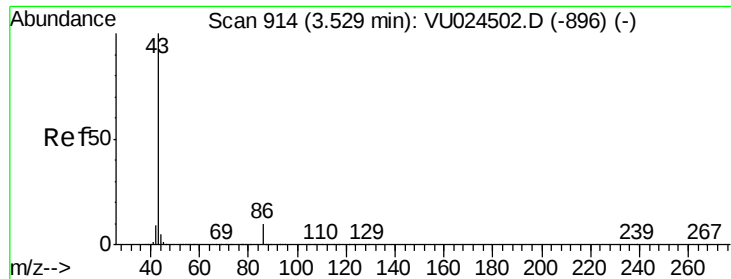
Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Tgt Ion:	45	Resp:	369584
Ion	Ratio	Lower	Upper
45	100		
43	61.0	45.8	68.6
87	29.5	20.6	31.0
59	11.8	9.4	14.0





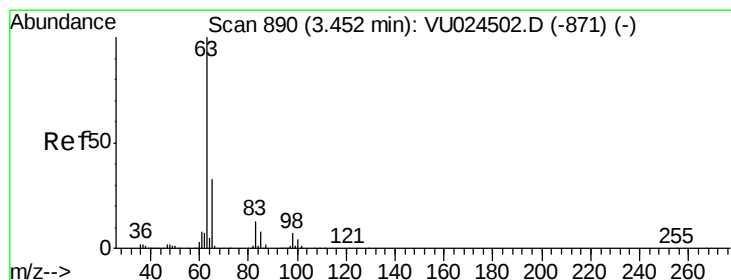
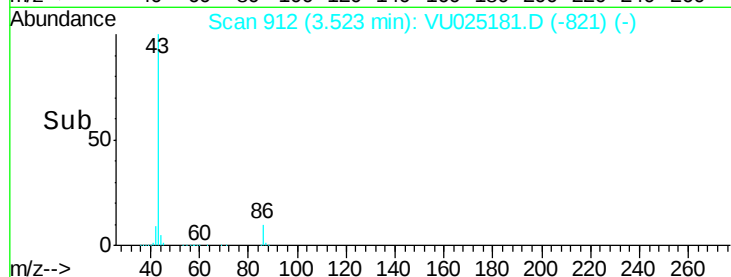
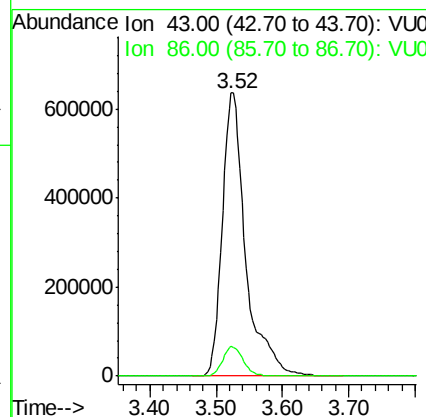
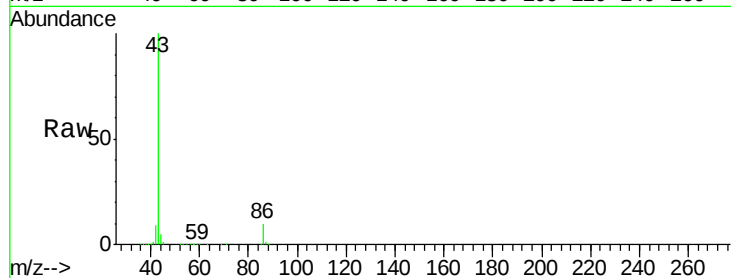
#23
 Vinyl Acetate
 Concen: 226.495 ug/l
 RT: 3.52 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	1563121
Ion Ratio	100	Lower	Upper
43	100		
86	10.4	7.8	11.8

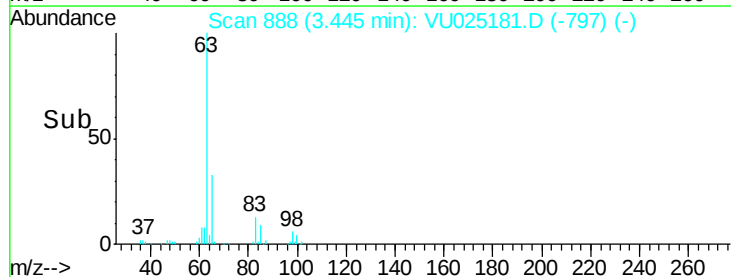
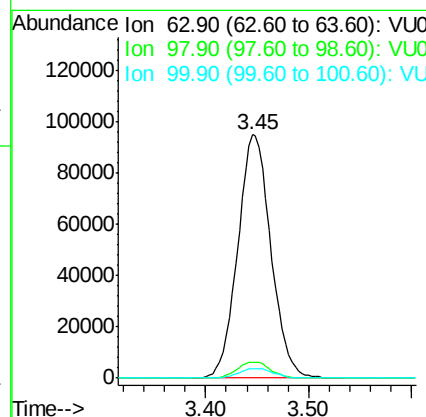
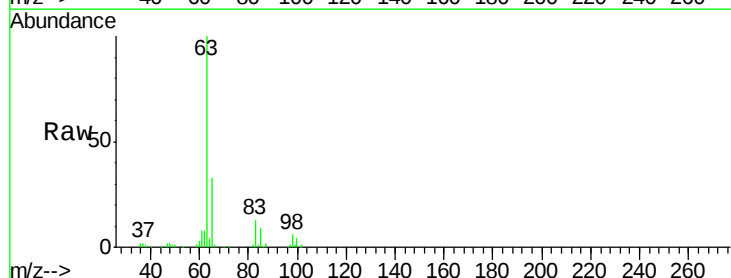
Manual Integrations
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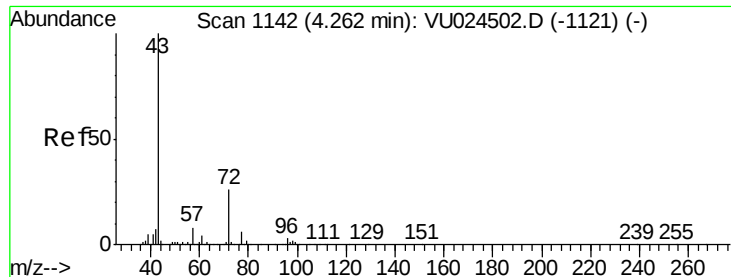
Sam
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#24
 1,1-Dichloroethane
 Concen: 47.748 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Tgt Ion	63	Resp	211617
Ion Ratio	100	Lower	Upper
63	100		
98	6.4	3.5	10.4
100	3.9	1.8	5.5





#25

2-Butanone

Concen: 236.157 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 511483

Ion Ratio Lower Upper

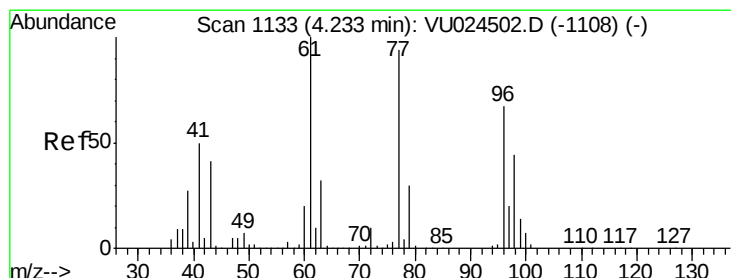
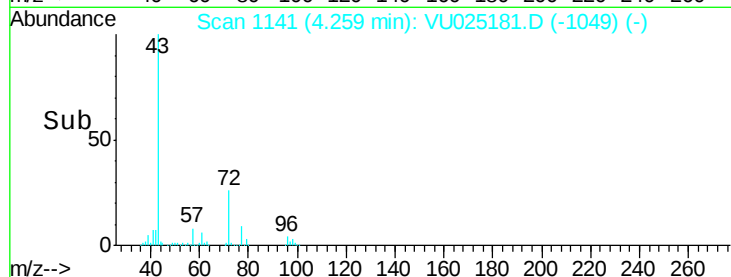
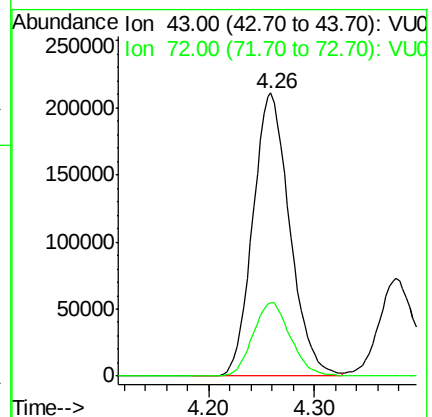
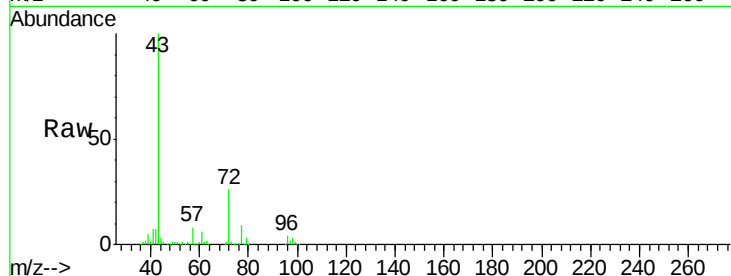
43 100

72 26.1 19.6 29.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 48.737 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VU025181.D

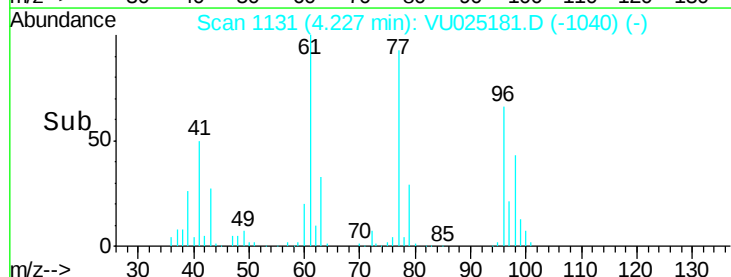
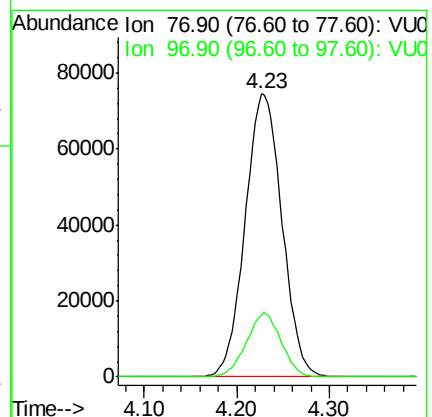
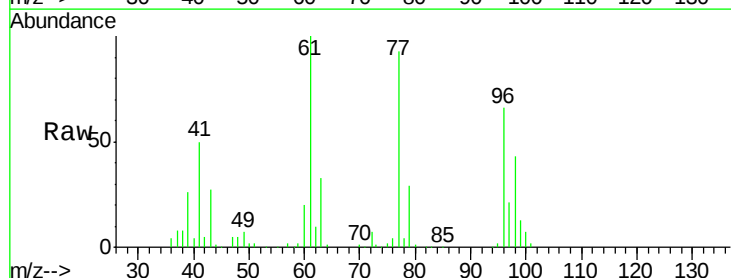
Acq: 03 Jul 2018 09:55

Tgt Ion: 77 Resp: 205105

Ion Ratio Lower Upper

77 100

97 21.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 49.175 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

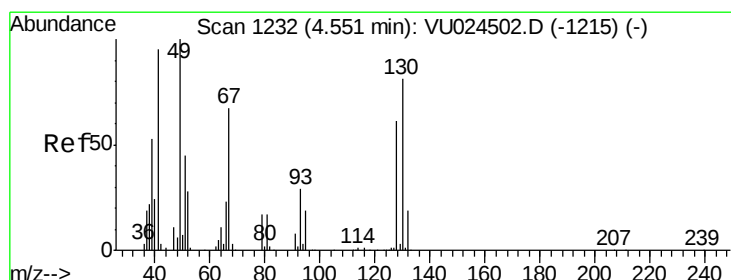
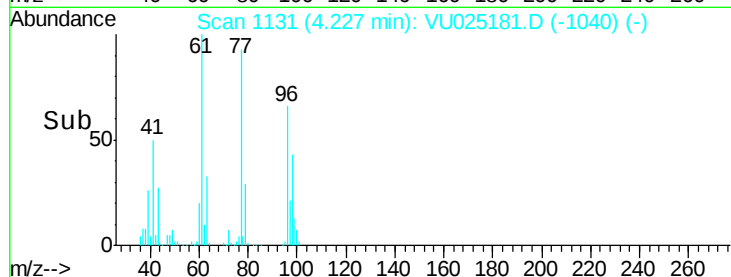
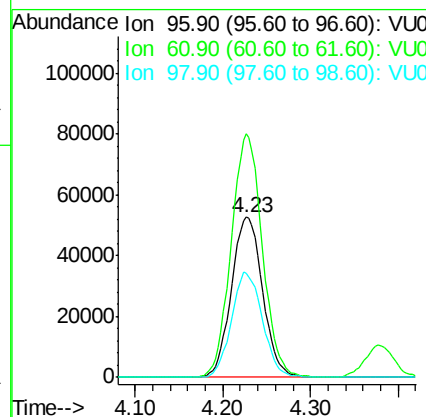
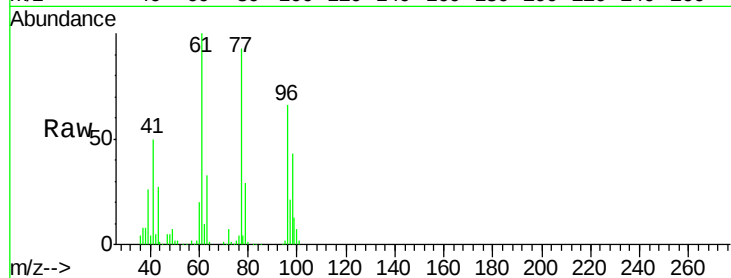
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	130332
Ion Ratio	Lower	Upper	
96	100		
61	150.8	0.0	306.6
98	65.0	0.0	128.8

Manual Integrations
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#28

Bromochloromethane

Concen: 42.222 ug/l

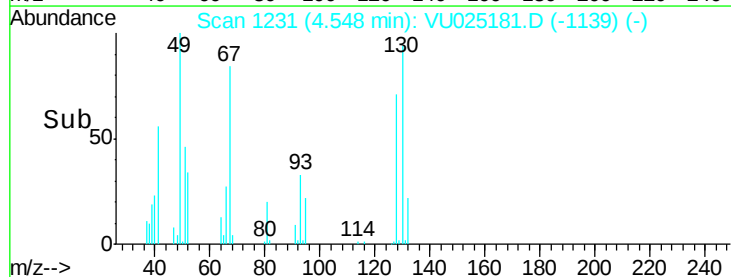
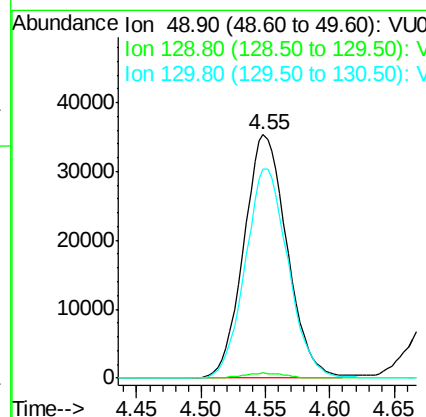
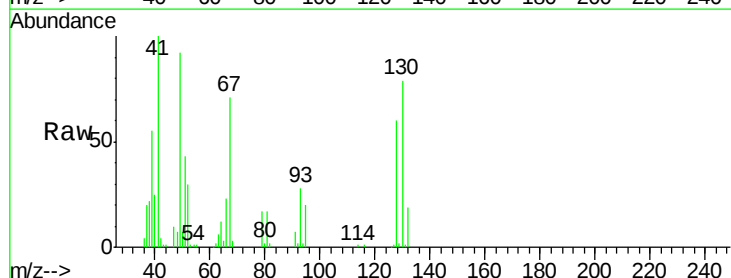
RT: 4.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Tgt Ion:	49	Resp:	82423
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	3.8
130	85.6	57.8	86.6





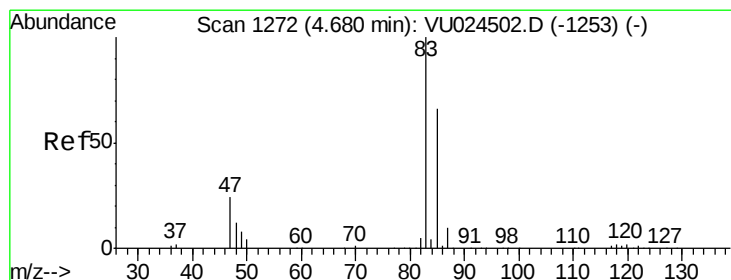
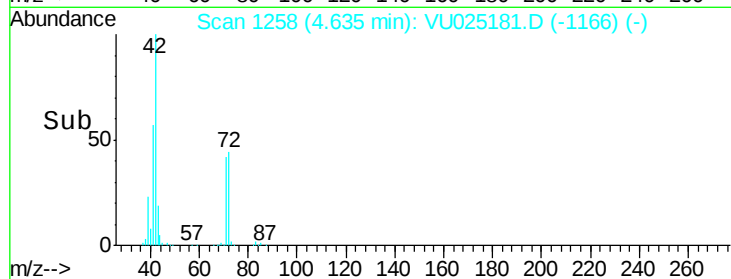
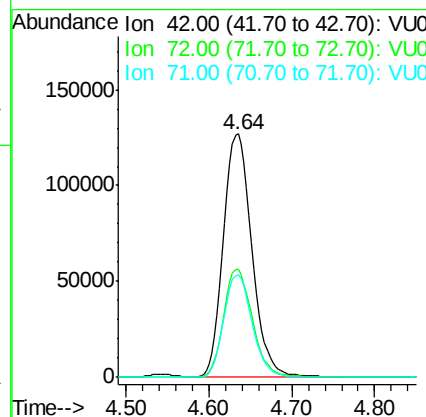
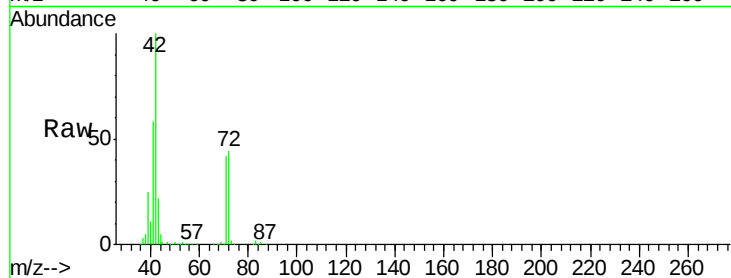
#29
Tetrahydrofuran
Concen: 225.814 ug/l
RT: 4.64 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.5	51.7
71	42.0	32.2	48.4

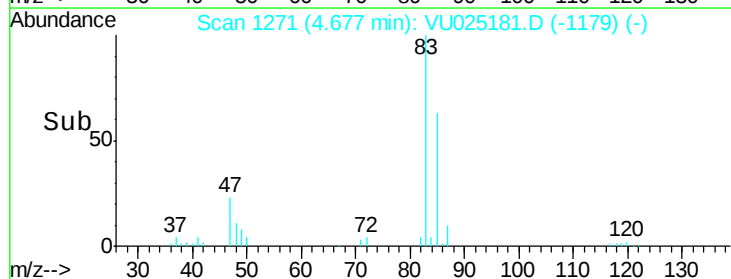
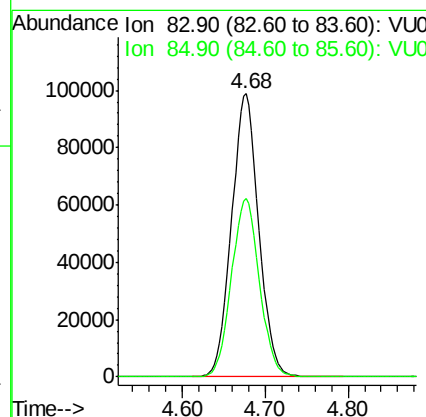
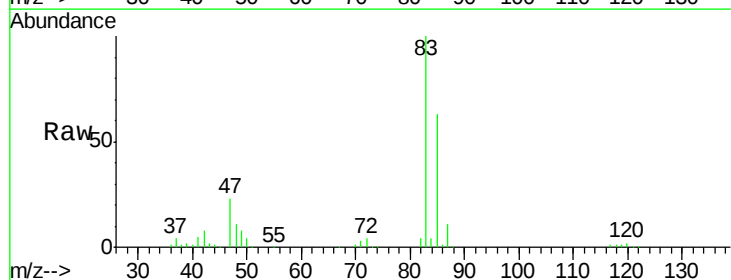
Manual Integrations
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#30
Chloroform
Concen: 50.282 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.4	78.6





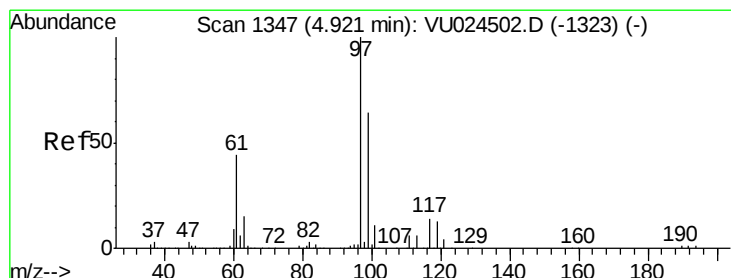
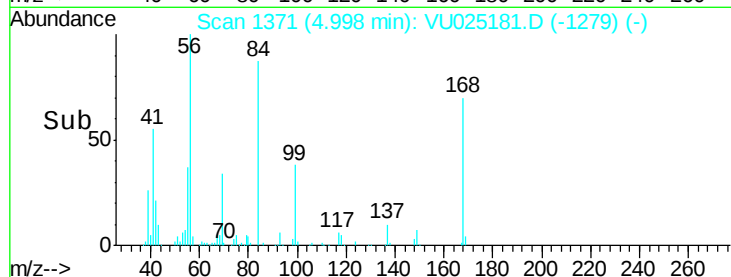
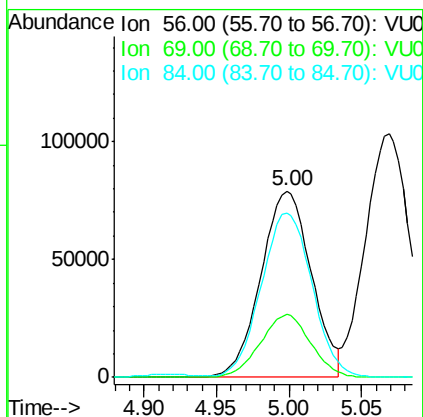
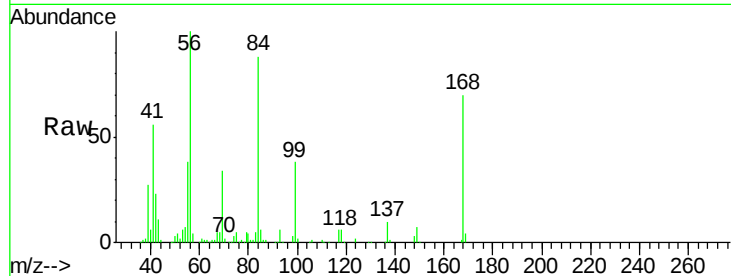
#31
Cyclohexane
Concen: 48.435 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.7	24.8	37.2
84	87.2	65.2	97.8

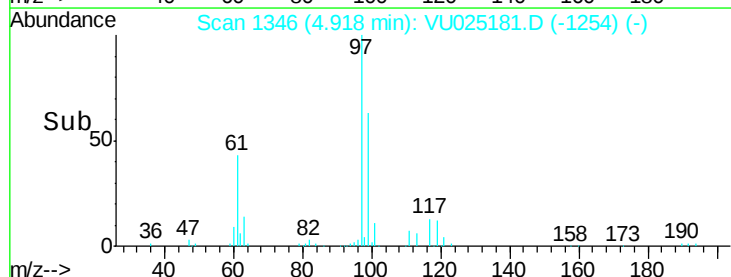
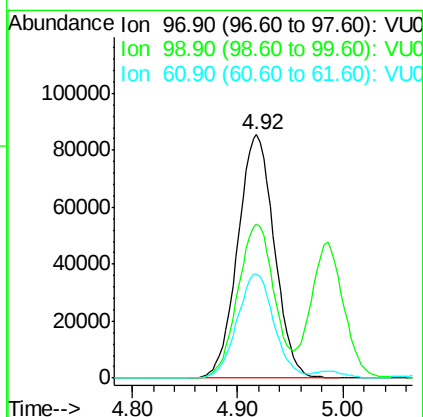
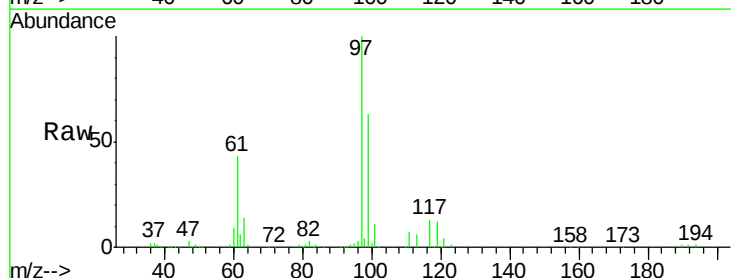
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 49.602 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.6
61	43.3	39.4	59.0





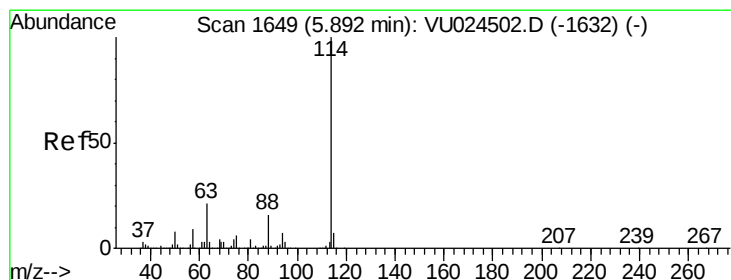
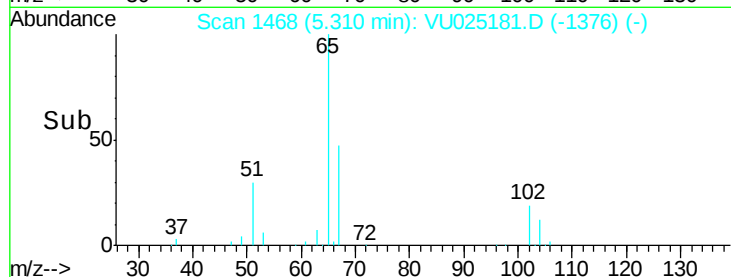
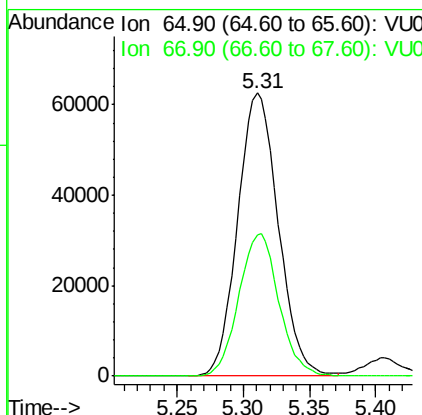
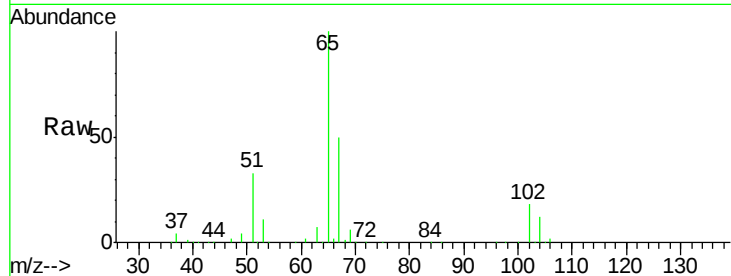
#33
 1,2-Dichloroethane-d4
 Concen: 44.406 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	107.0

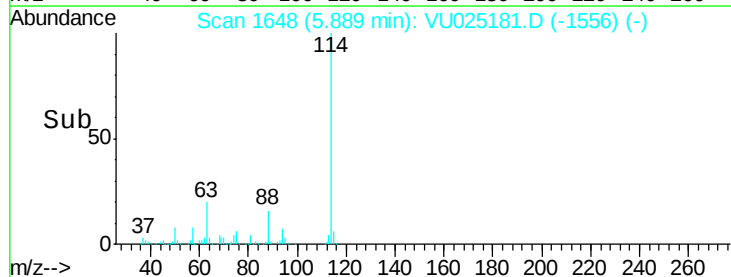
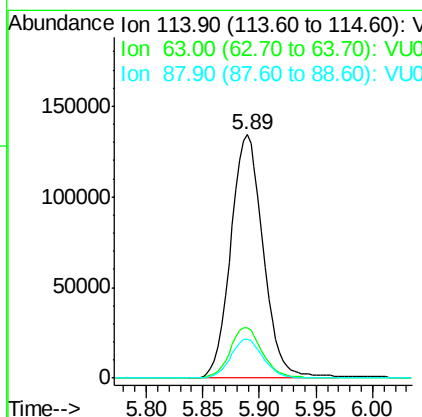
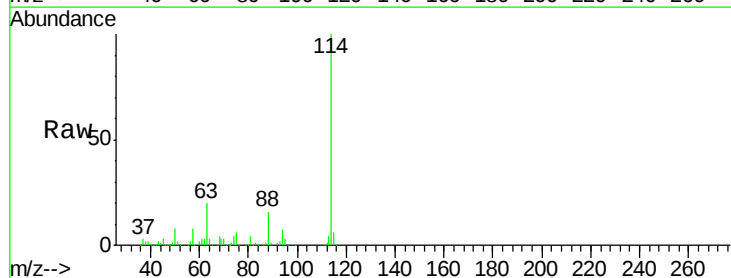
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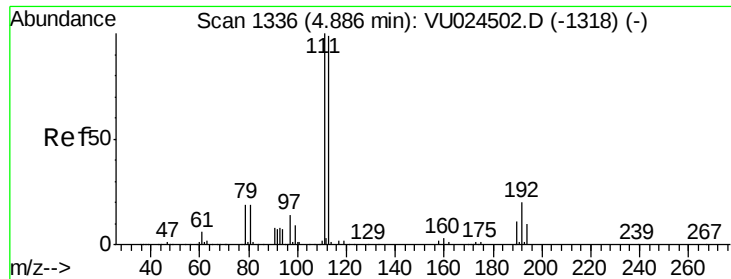
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	45.4
88	16.1	0.0	31.0





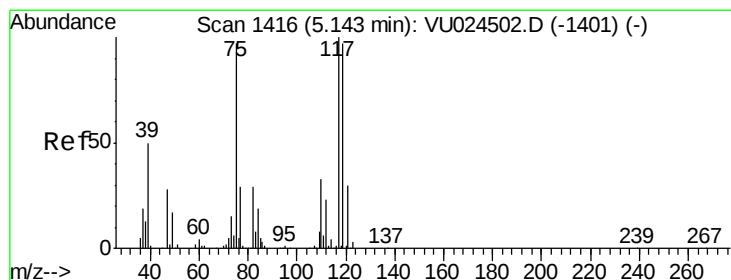
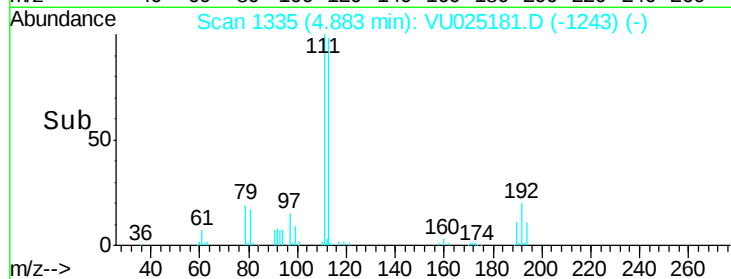
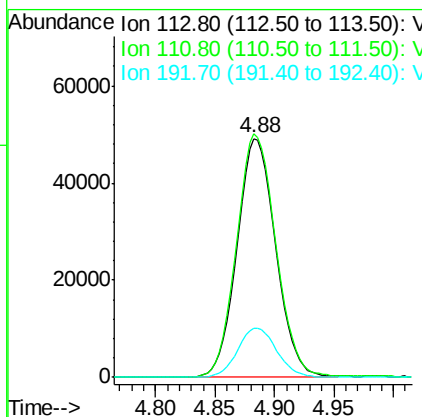
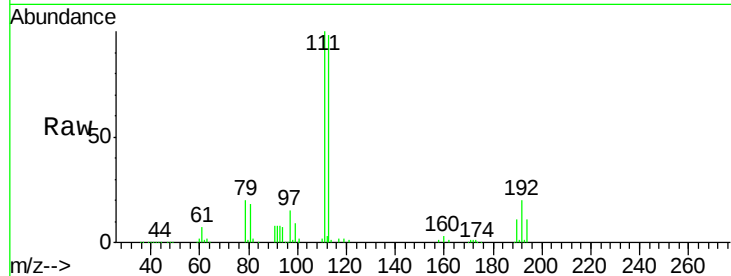
#35
 Dibromofluoromethane
 Concen: 49.710 ug/l
 RT: 4.88 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.6	82.2	123.4	
192	20.9	16.2	24.4	

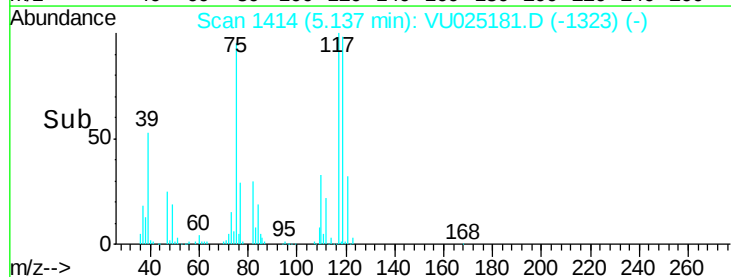
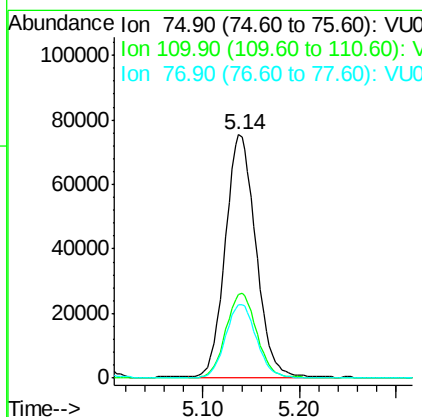
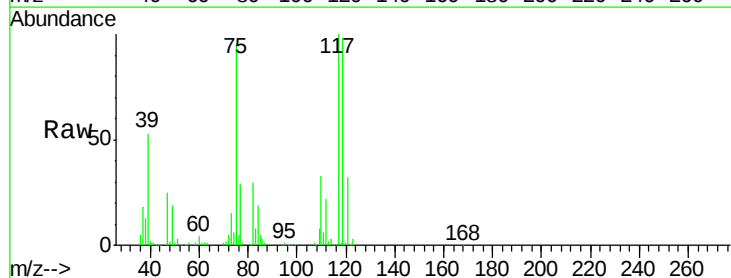
Manual Integrations
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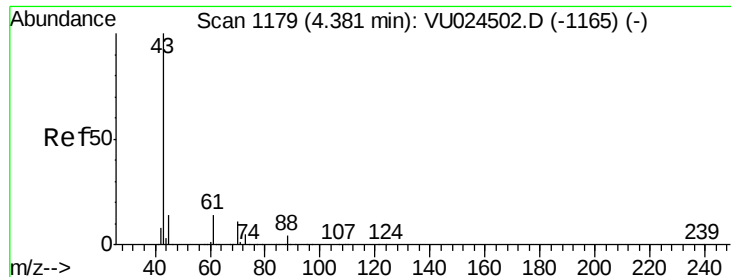
sam
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#36
 1,1-Dichloropropene
 Concen: 51.887 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.8	17.0	50.9	
77	30.0	24.2	36.4	





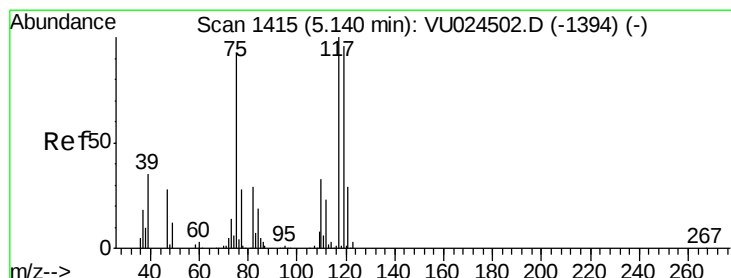
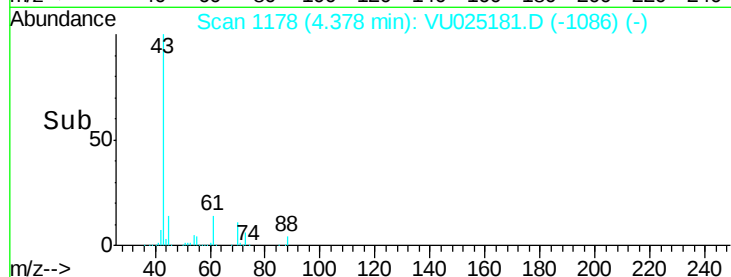
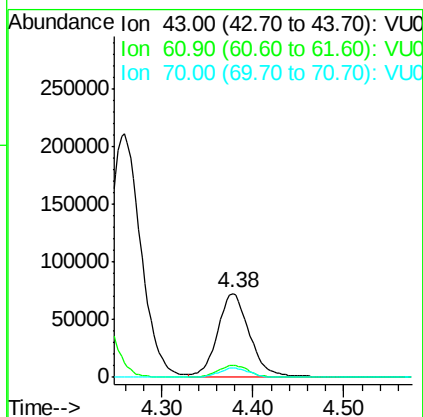
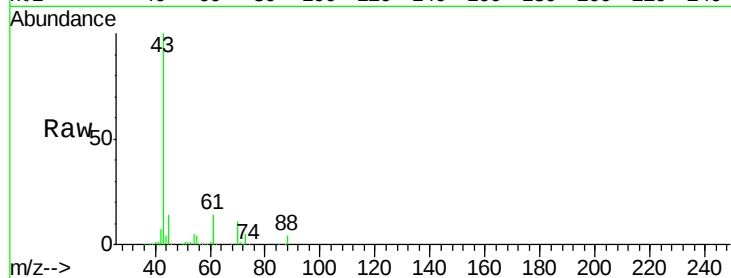
#37
Ethyl Acetate
Concen: 50.865 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.5	15.7
70	11.0	7.4	11.2

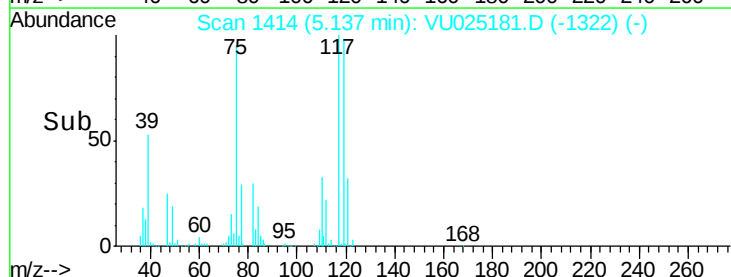
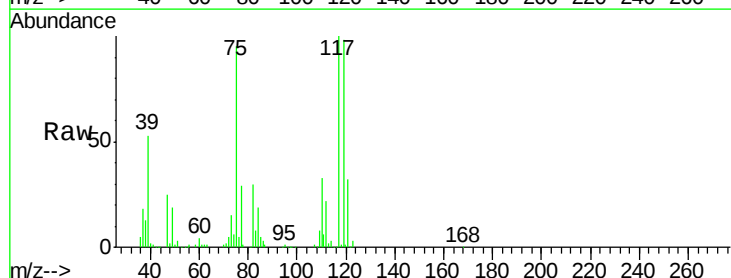
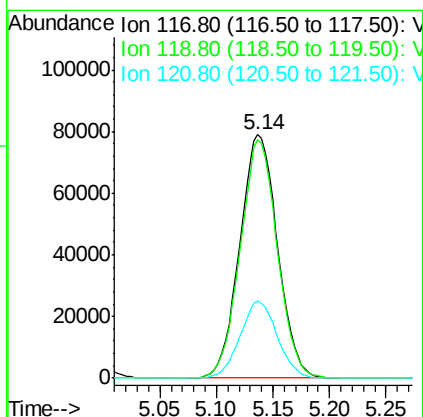
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 52.832 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.1	114.1
121	31.6	23.7	35.5





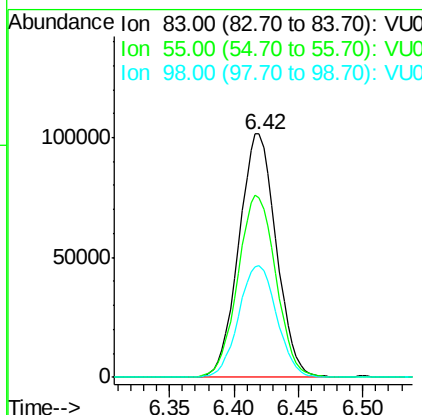
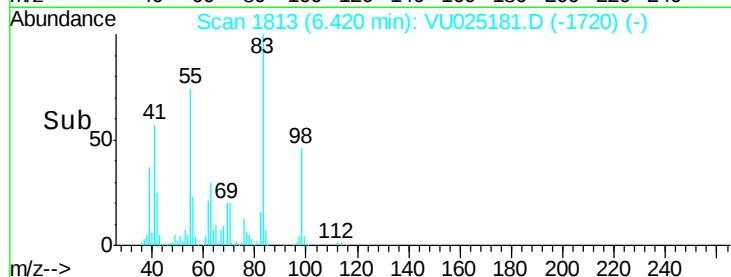
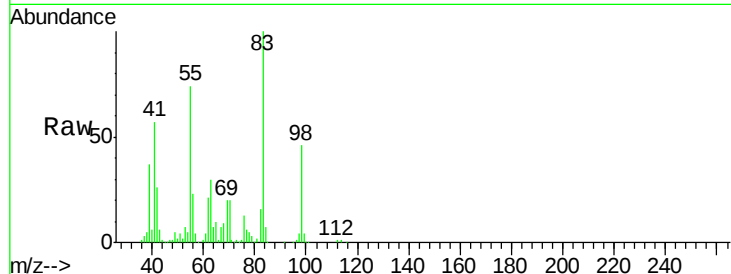
#39
Methvlcvclohexane
Concen: 52.050 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	65.8	98.6
98	46.0	36.7	55.1

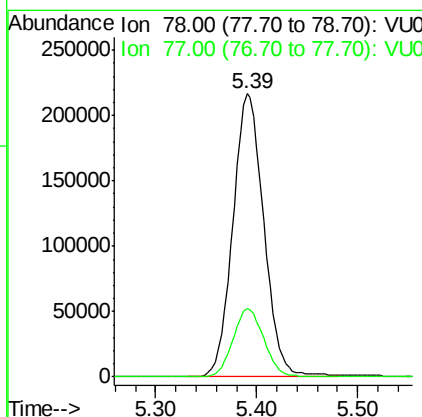
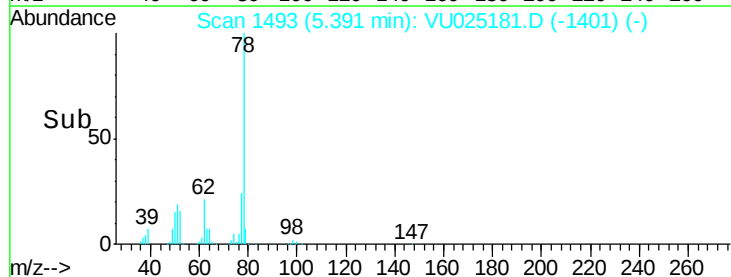
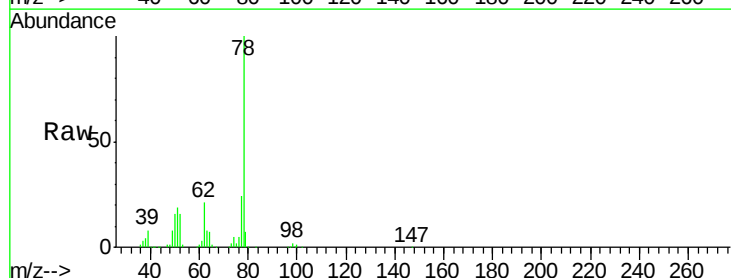
Manual Integrations
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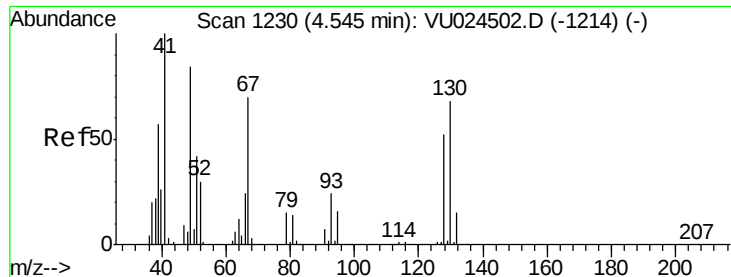
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#40
Benzene
Concen: 51.389 ug/l
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





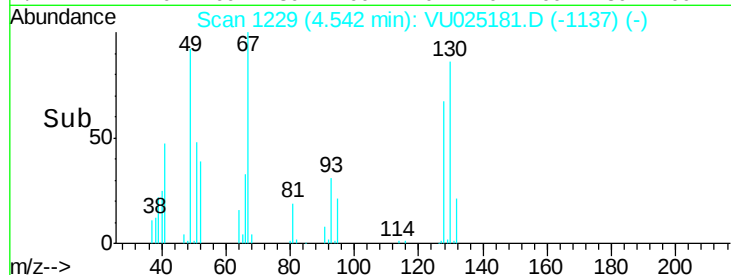
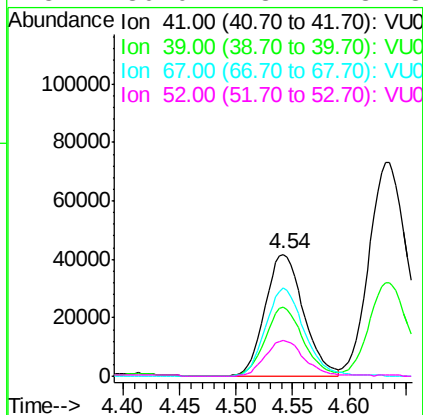
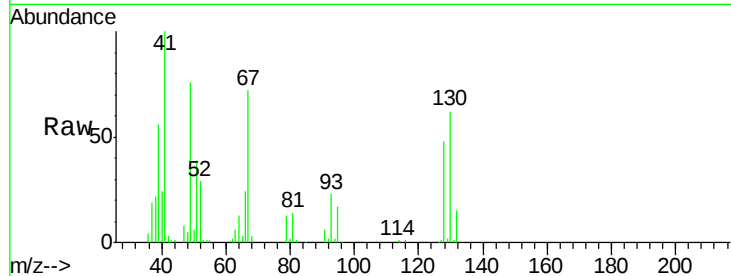
#41
Methacrylonitrile
Concen: 53.320 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	43.8	65.6	
67	72.0	56.3	84.5	
52	30.0	23.2	34.8	

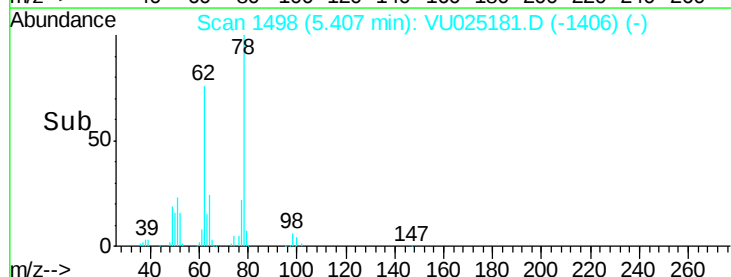
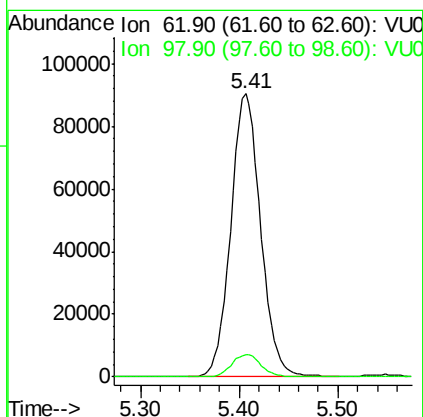
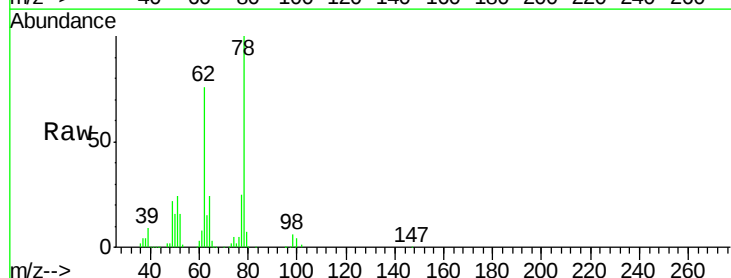
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 55.535 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.8	0.0	16.6	





#43

Isopropyl Acetate

Concen: 48.537 ug/l

RT: 5.54 min Scan# 1541

Delta R.T. -0.01 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

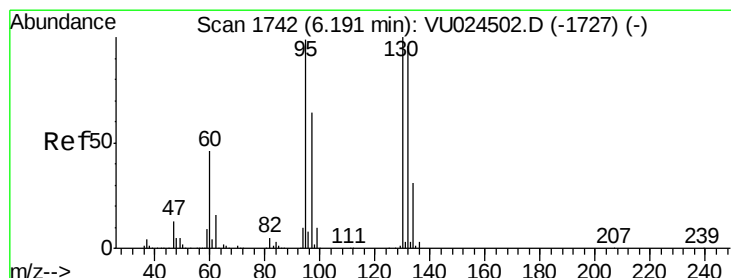
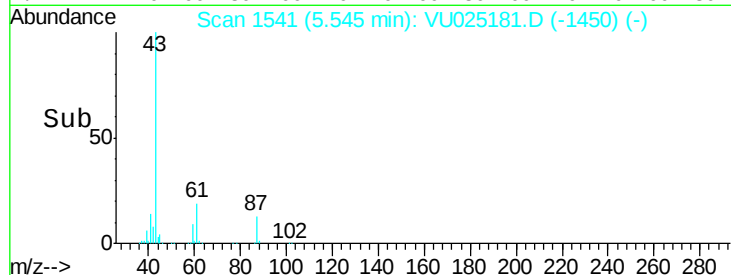
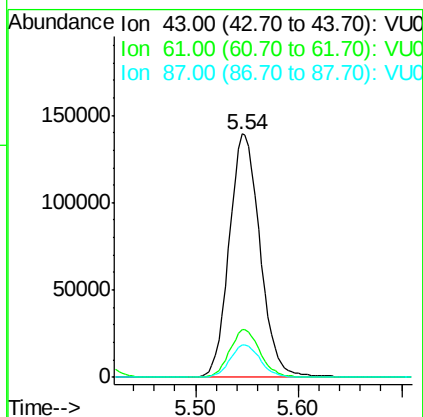
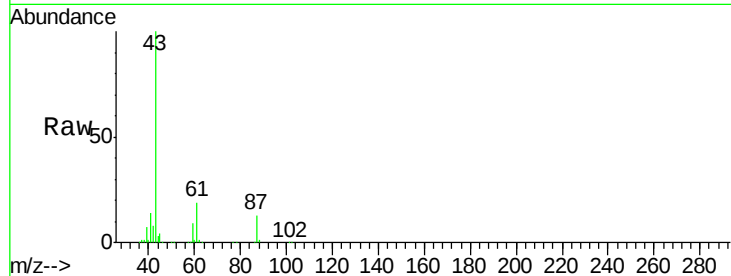
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	288611
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.3	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 51.889 ug/l

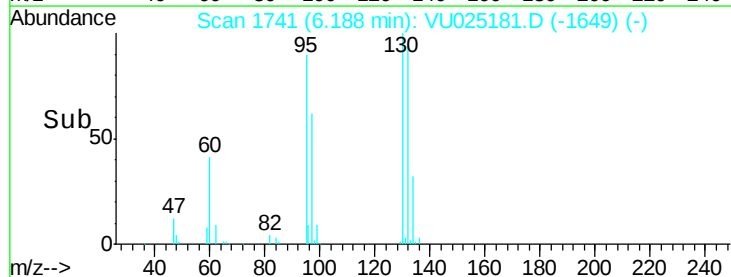
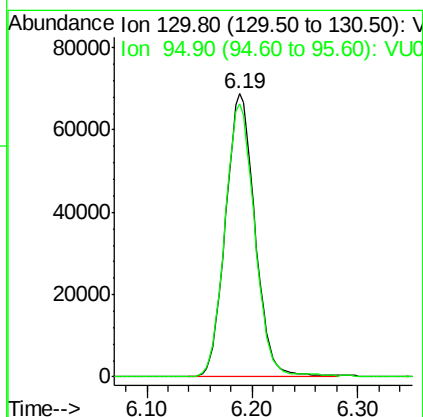
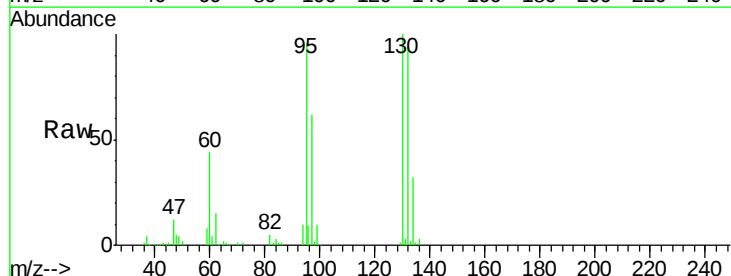
RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Tgt Ion:	130	Resp:	132810
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	202.4





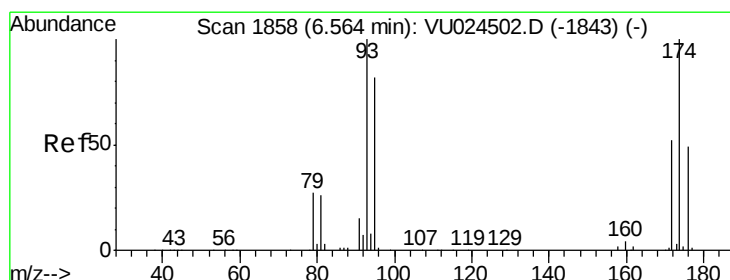
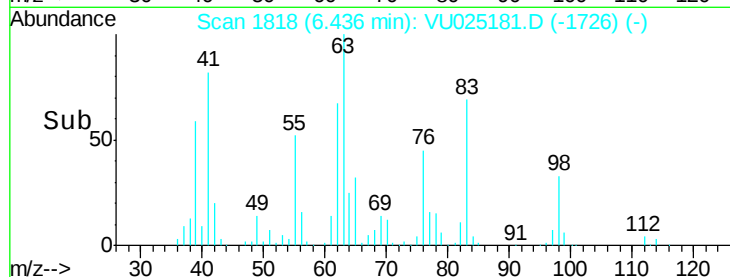
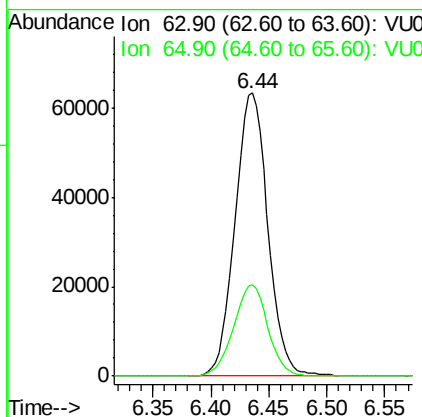
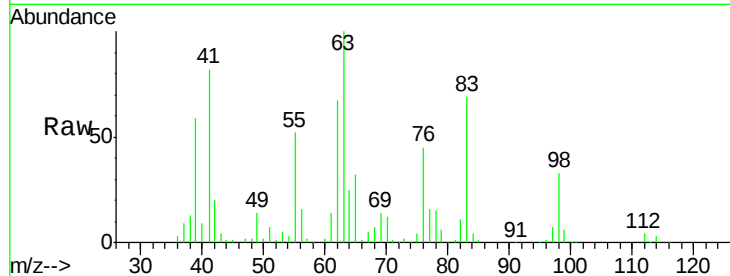
#45
 1,2-Dichloropropane
 Concen: 51.779 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 124253
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.8 37.2

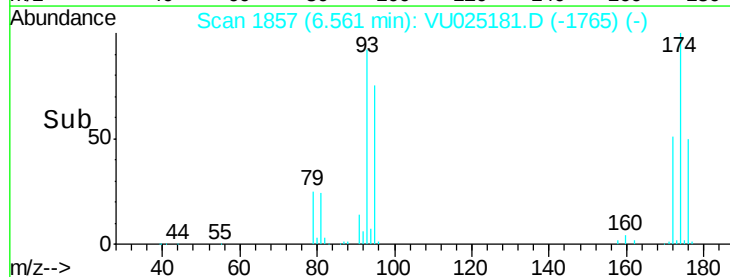
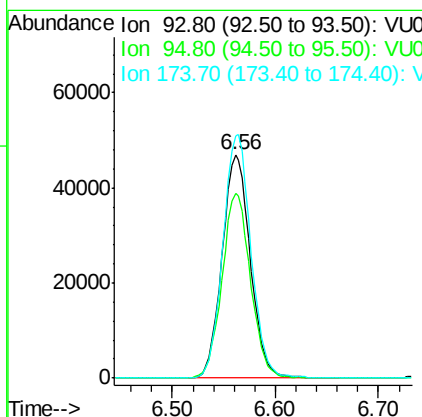
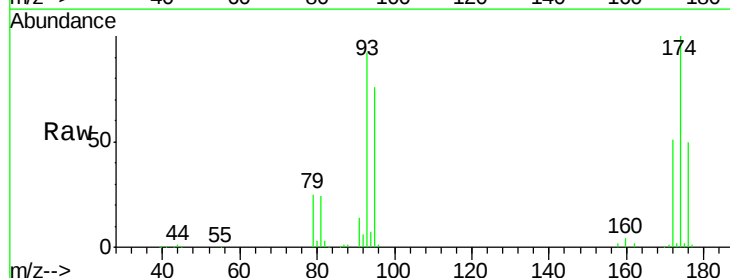
Manual Integrations
 APPROVED

sam
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#46
 Dibromomethane
 Concen: 53.000 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Tgt Ion: 93 Resp: 89334
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.5 98.3
 174 108.3 78.7 118.1





#47

Bromodichloromethane

Concen: 51.026 ug/l

RT: 6.76 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

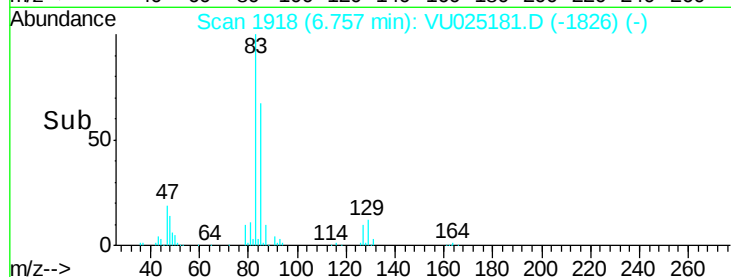
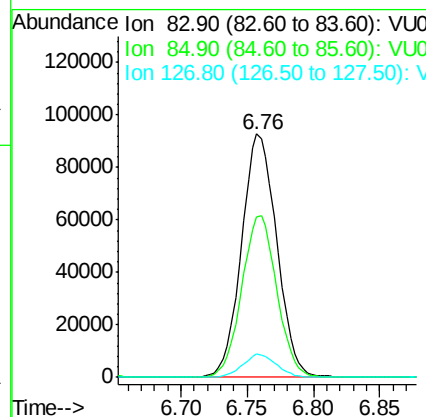
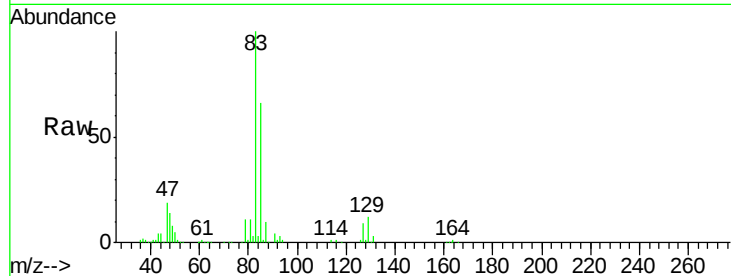
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	171265
Ion Ratio	Lower	Upper	
83	100		
85	65.9	51.9	77.9
127	9.4	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.745 ug/l

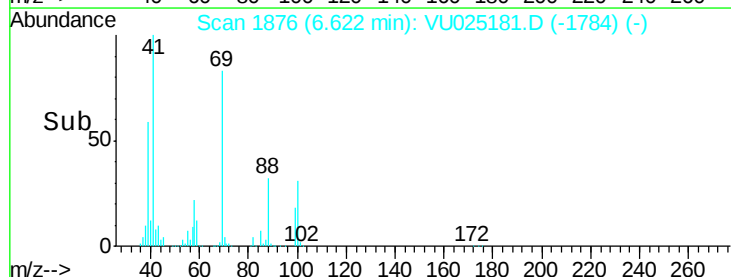
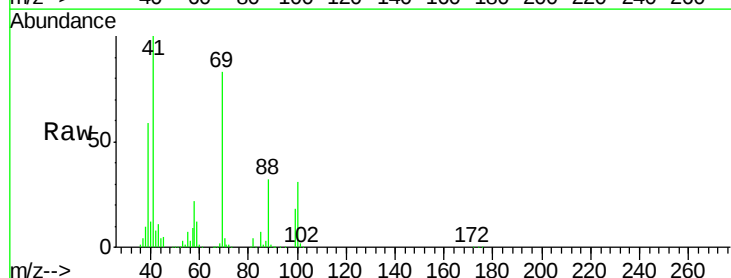
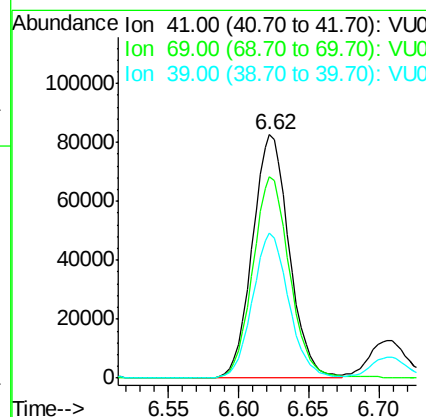
RT: 6.62 min Scan# 1876

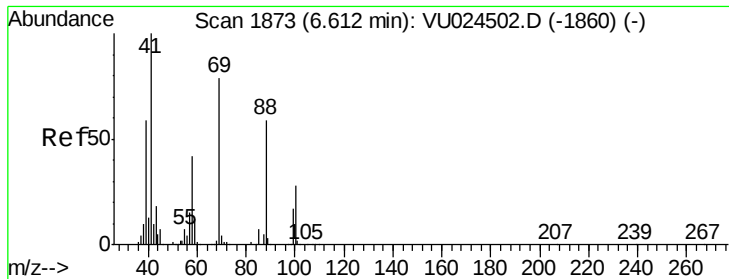
Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Tgt Ion:	41	Resp:	149825
Ion Ratio	Lower	Upper	
41	100		
69	83.6	67.3	100.9
39	59.2	46.5	69.7





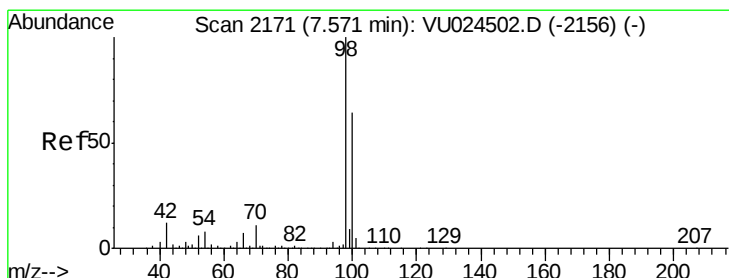
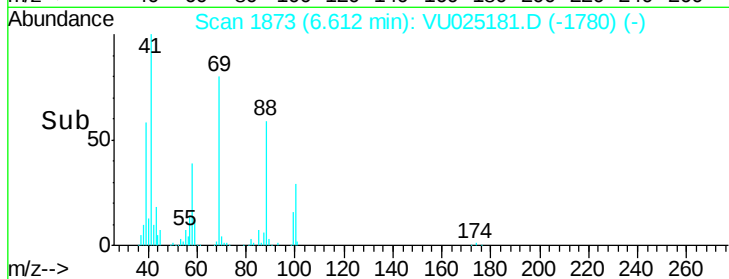
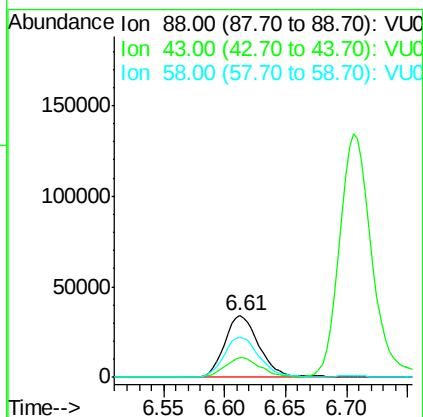
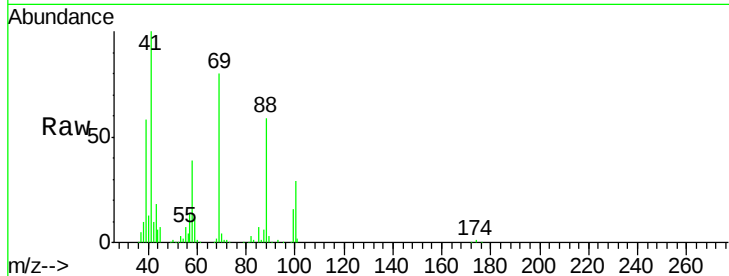
#49
1,4-Dioxane
Concen: 1183.869 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	28.6	42.8
58	67.0	58.2	87.4

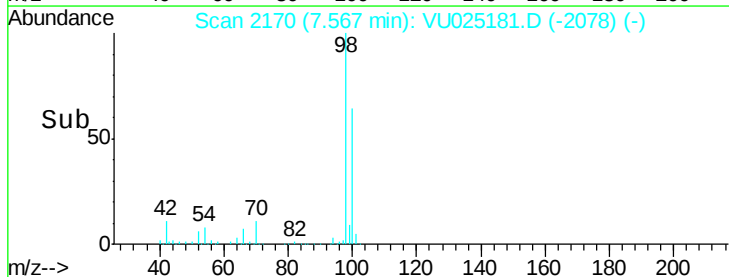
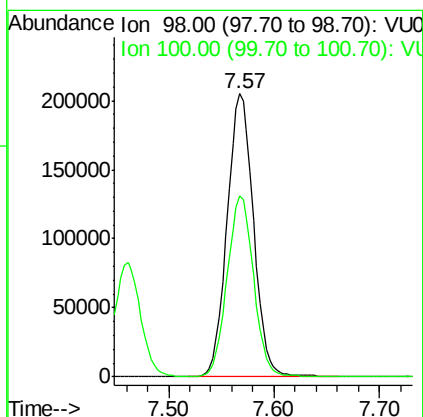
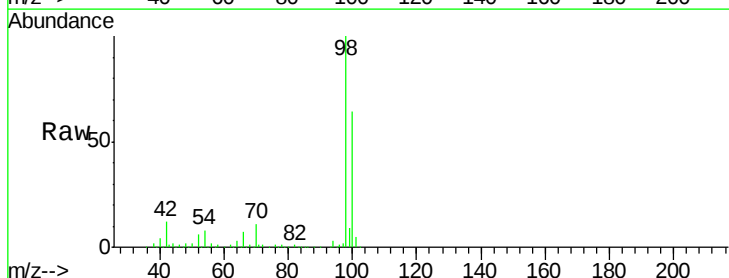
Manual Integrations
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#50
Toluene-d8
Concen: 43.710 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.1	76.7





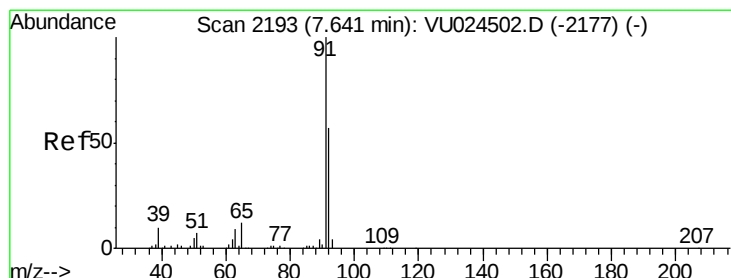
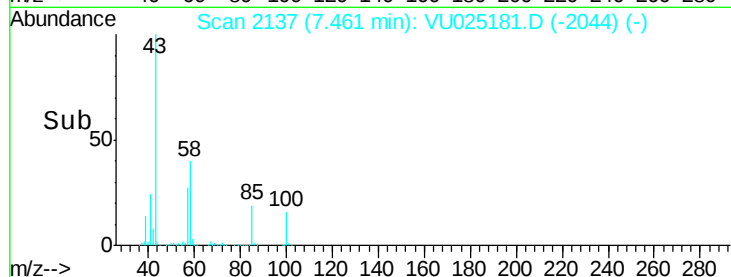
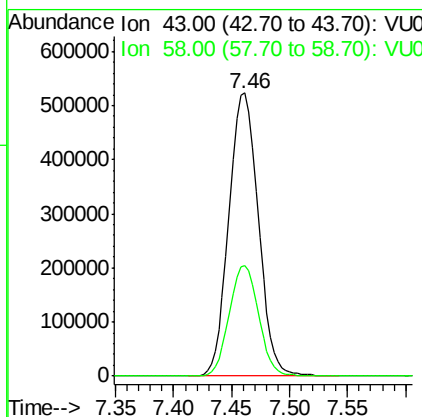
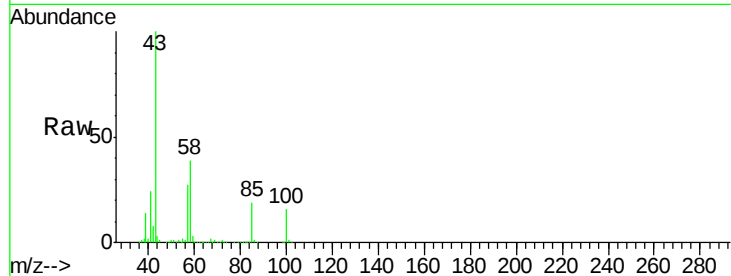
#51
4-Methyl-2-Pentanone
Concen: 246.620 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.9	30.0	45.0

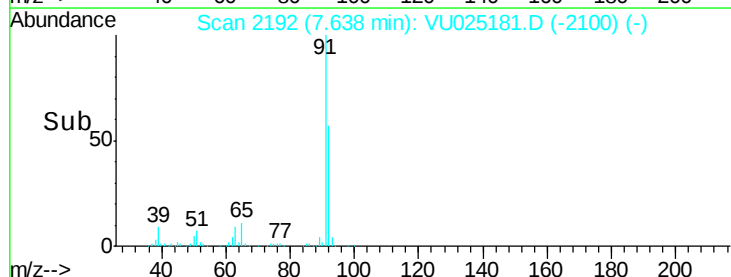
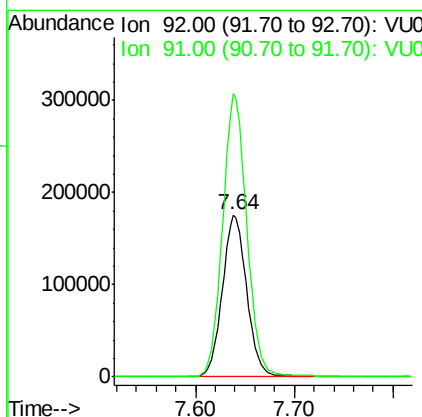
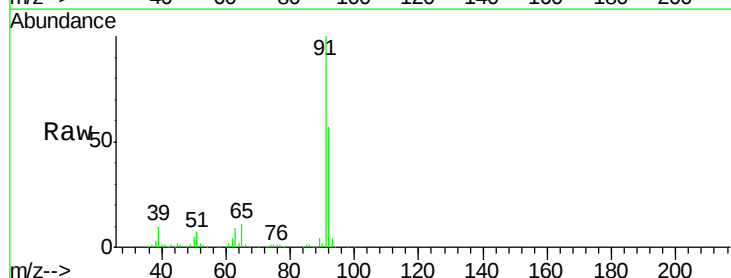
Manual Integrations
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#52
Toluene
Concen: 52.804 ug/l
RT: 7.64 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.0	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 50.773 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 191377

Ion Ratio Lower Upper

75 100

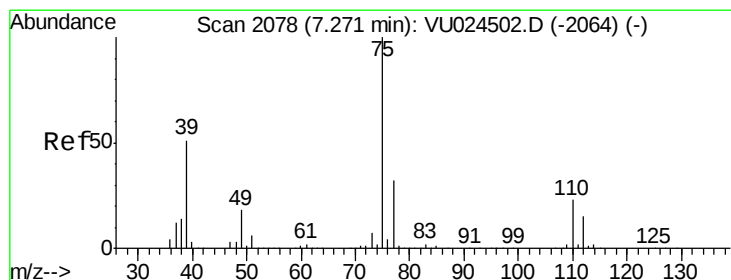
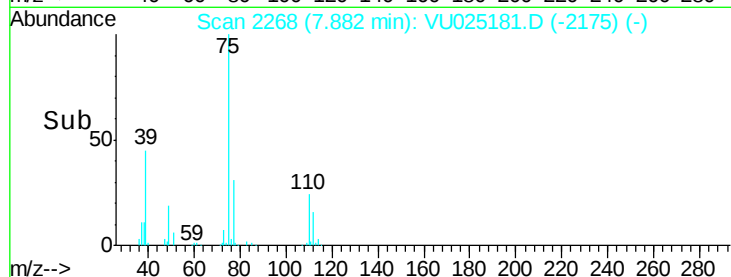
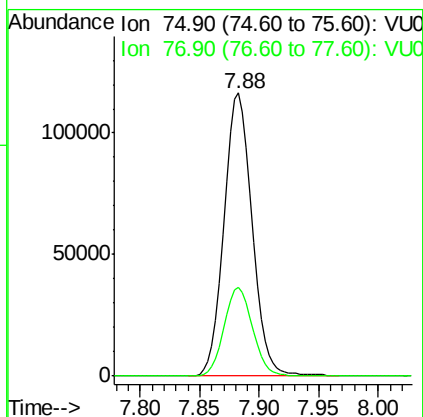
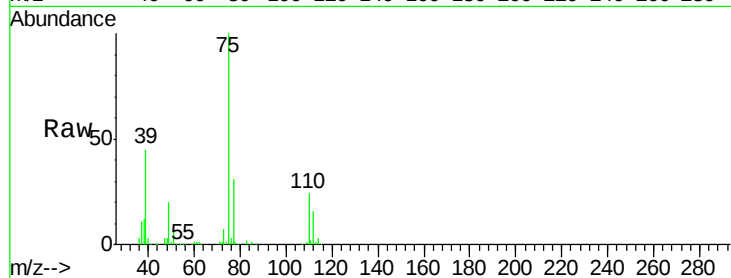
77 31.2 24.8 37.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 50.080 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

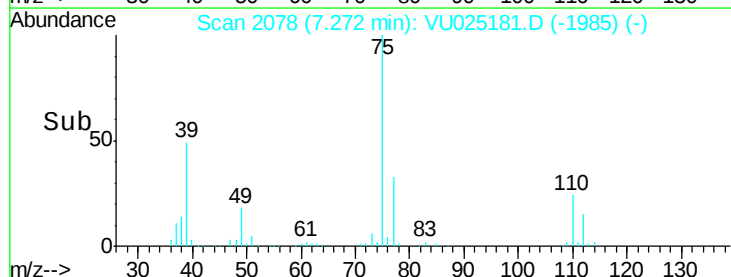
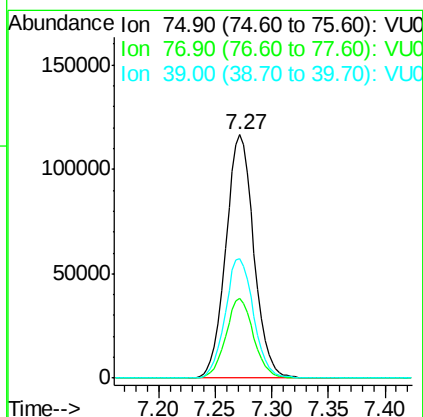
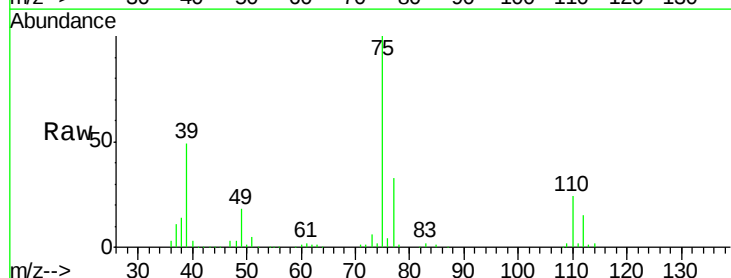
Tgt Ion: 75 Resp: 201140

Ion Ratio Lower Upper

75 100

77 32.5 24.6 36.8

39 48.7 39.8 59.6





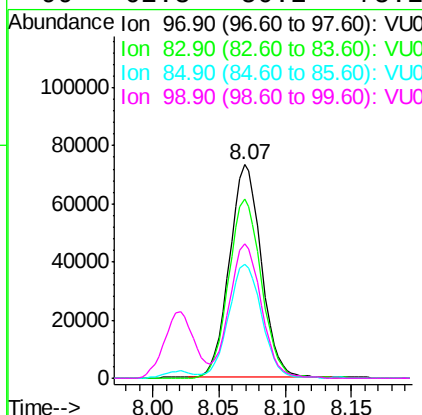
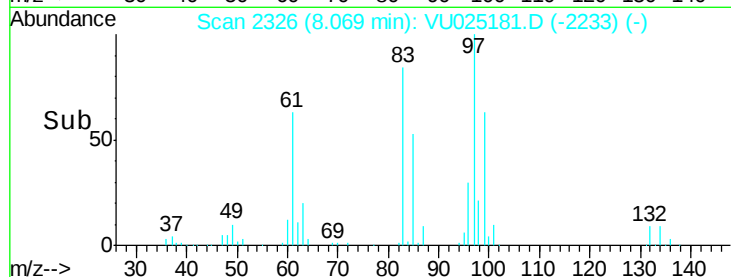
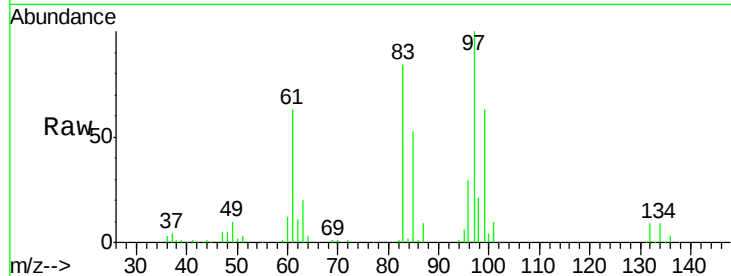
#55
 1,1,2-Trichloroethane
 Concen: 52.079 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		122488		
83	84.0	70.5	105.7		
85	53.2	46.4	69.6		
99	62.8	50.2	75.2		

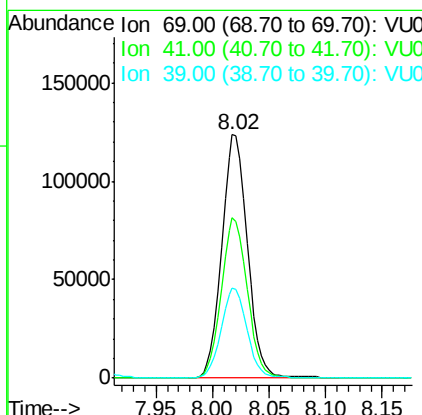
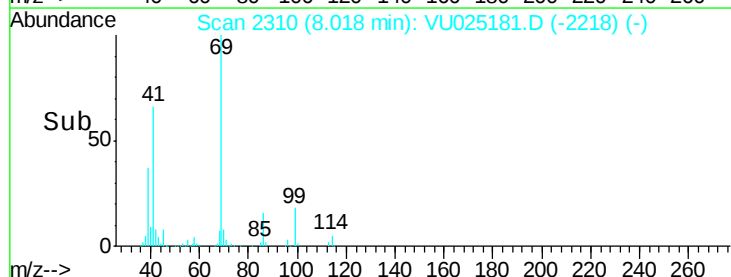
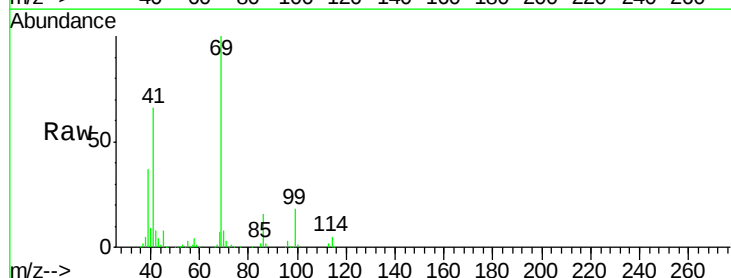
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 49.841 ug/l
 RT: 8.02 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		196201		
41	66.3	54.1	81.1		
39	36.6	30.3	45.5		





#57

1,3-Dichloropropane

Concen: 52.782 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 209417

Ion Ratio Lower Upper

76 100

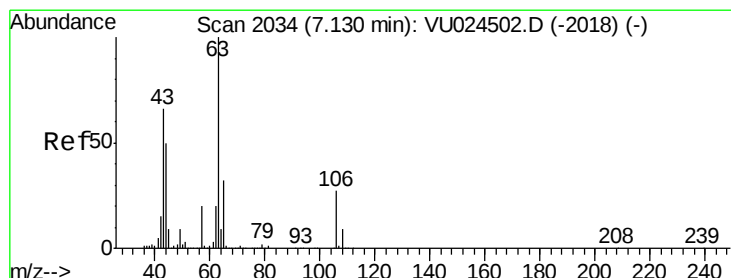
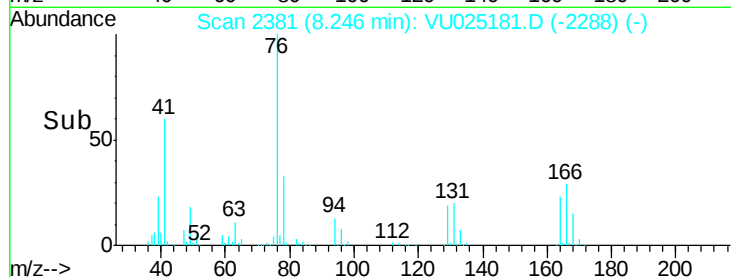
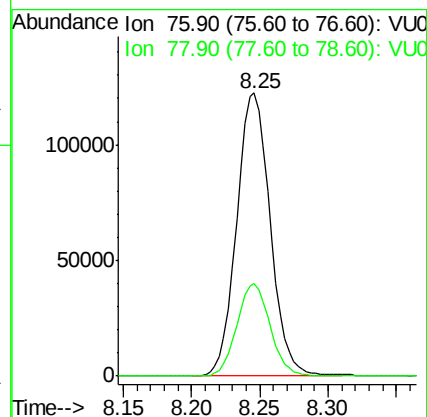
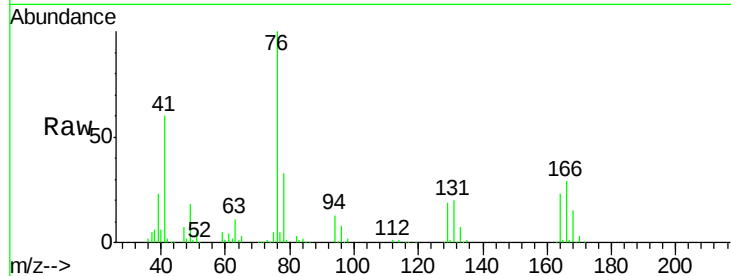
78 32.3 25.2 37.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 275.161 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU025181.D

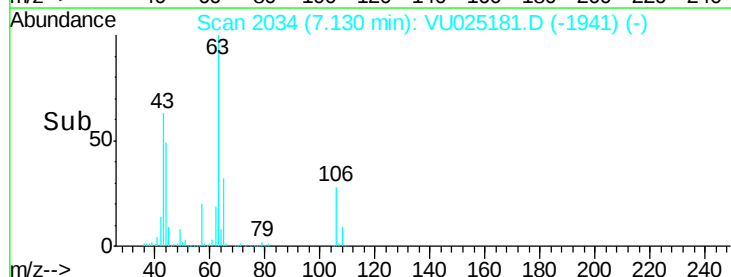
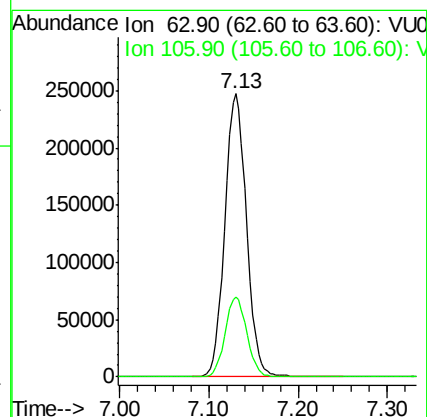
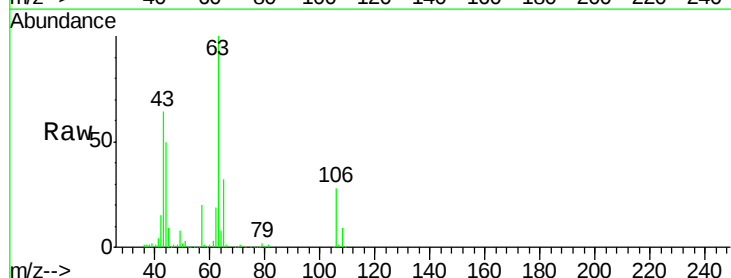
Acq: 03 Jul 2018 09:55

Tgt Ion: 63 Resp: 414977

Ion Ratio Lower Upper

63 100

106 28.4 20.2 30.2





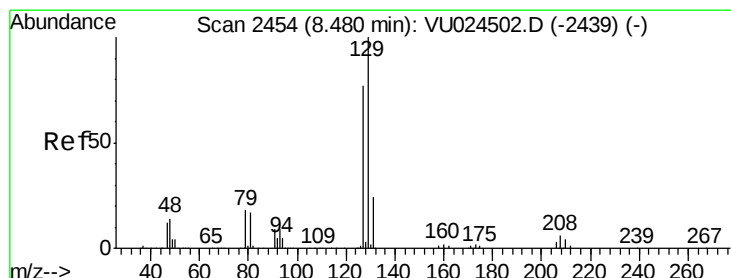
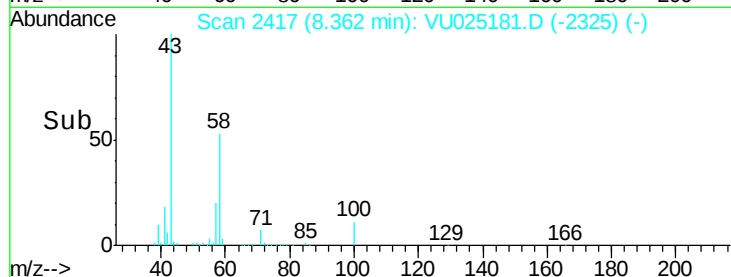
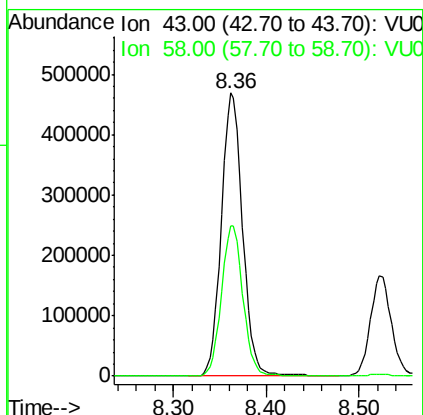
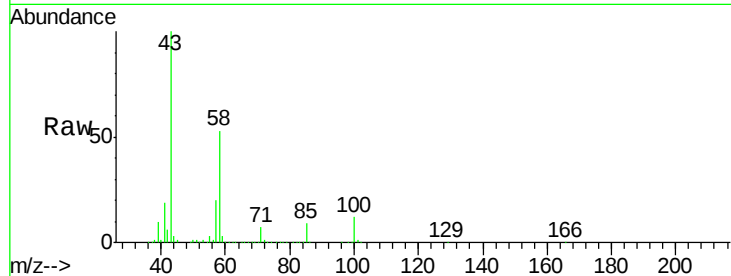
#59
2-Hexanone
Concen: 244.931 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 747009
Ion Ratio Lower Upper
43 100
58 53.8 26.4 79.0

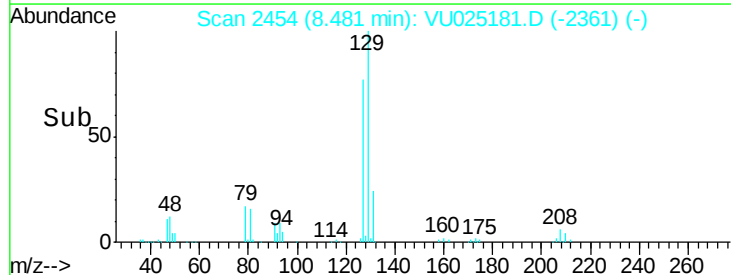
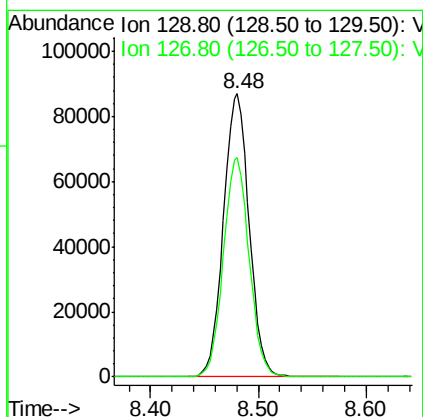
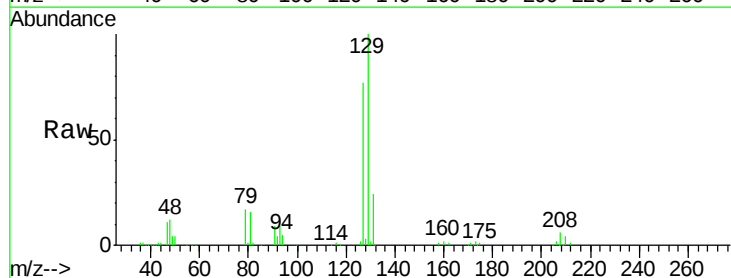
Manual Integrations
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#60
Dibromochloromethane
Concen: 49.199 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion: 129 Resp: 144296
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





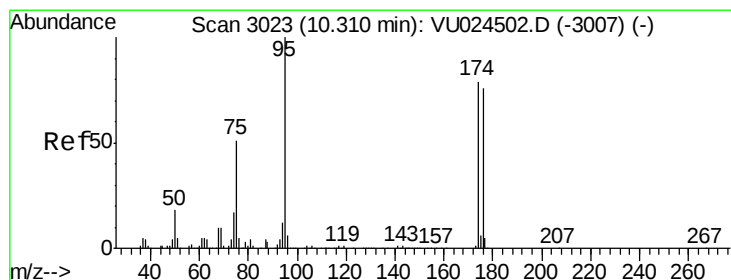
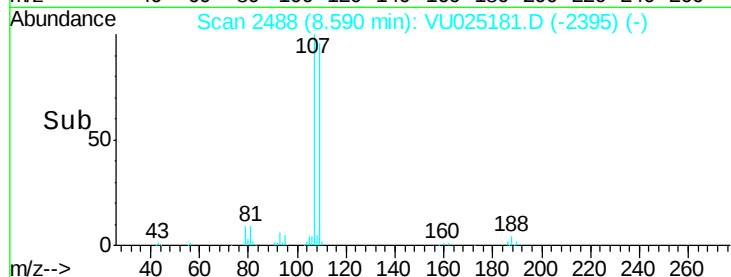
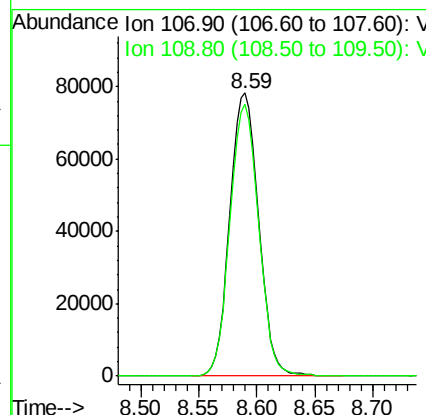
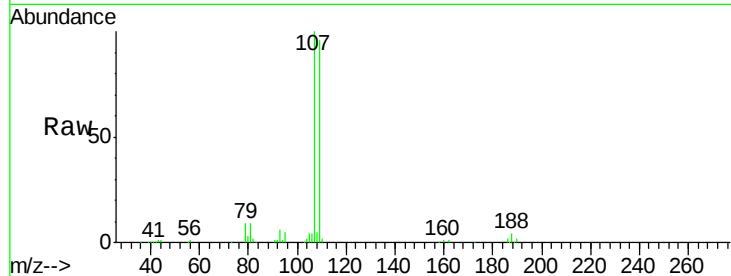
#61
 1,2-Dibromoethane
 Concen: 51.403 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	74.5	111.7

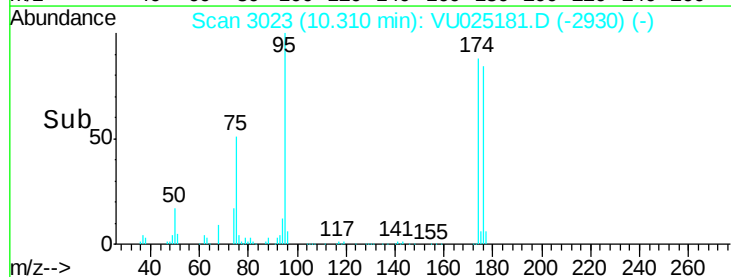
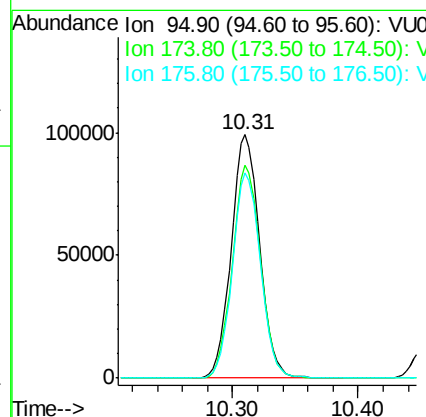
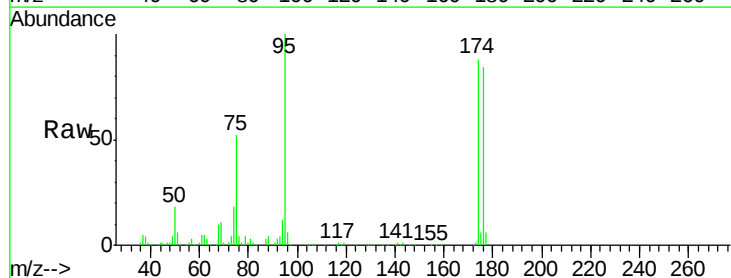
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 48.191 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	165.8
176	83.5	0.0	159.4





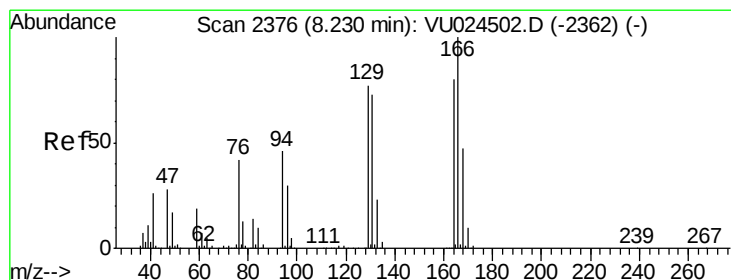
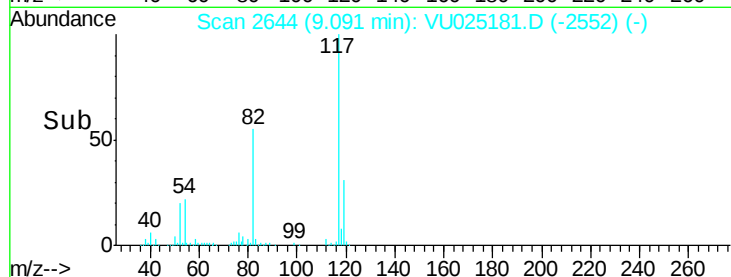
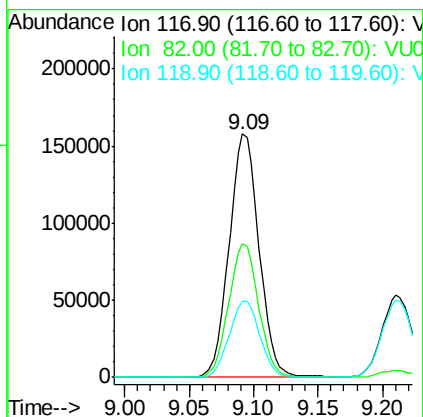
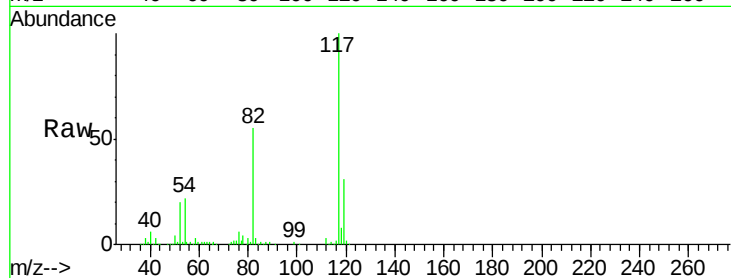
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.3	66.5
119	31.1	25.4	38.2

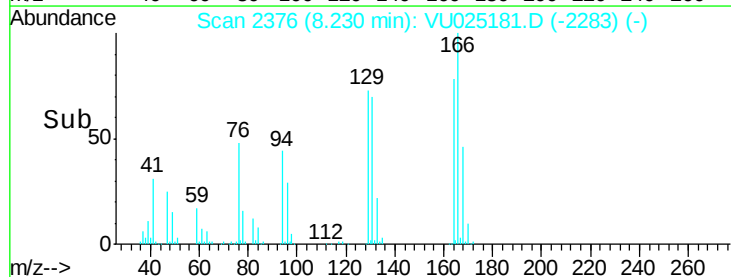
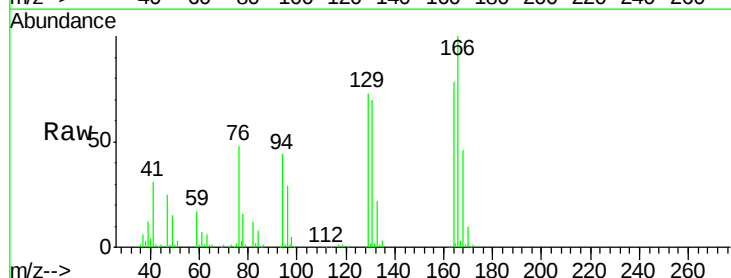
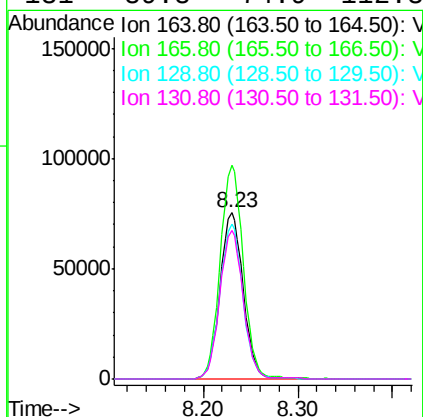
Manual Integrations
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#64
Tetrachloroethene
Concen: 53.172 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	101.7	152.5
129	93.4	76.9	115.3
131	89.8	74.9	112.3





#65

Chlorobenzene

Concen: 53.519 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 347631

Ion Ratio Lower Upper

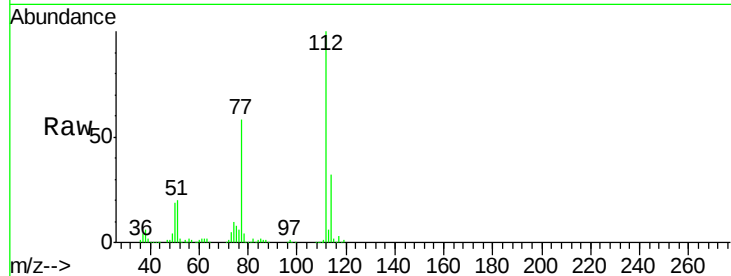
112 100

114 31.9 25.6 38.4

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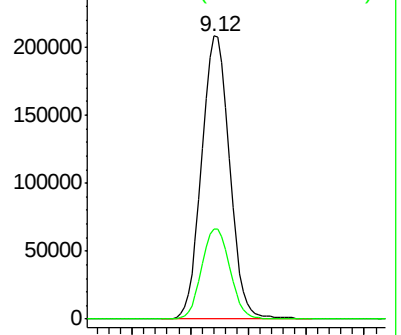
sam

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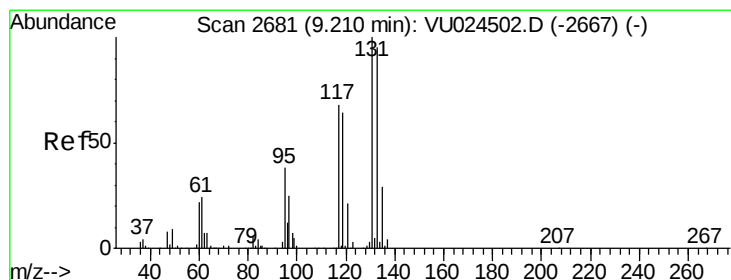
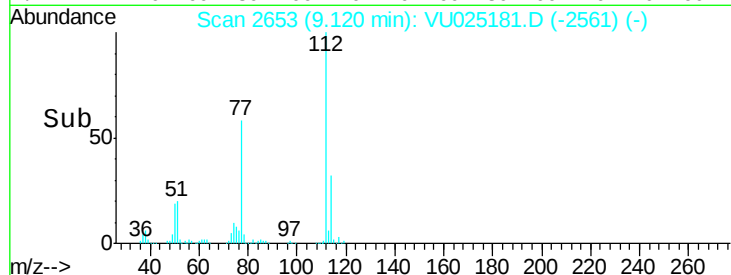


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.121 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

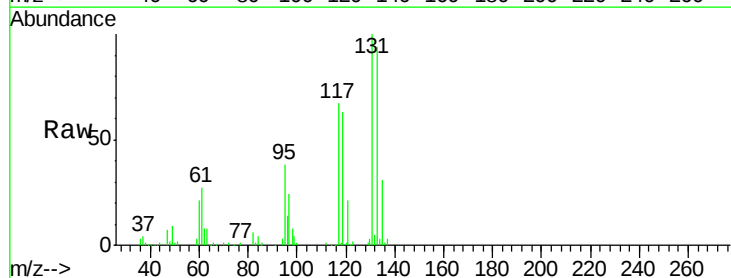
Tgt Ion:131 Resp: 128621

Ion Ratio Lower Upper

131 100

133 96.7 46.9 140.8

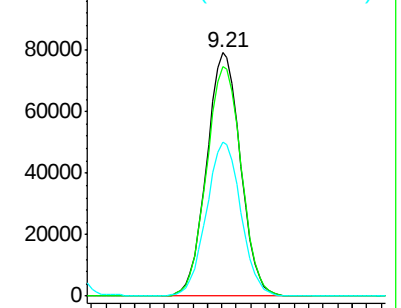
119 64.6 33.5 100.4



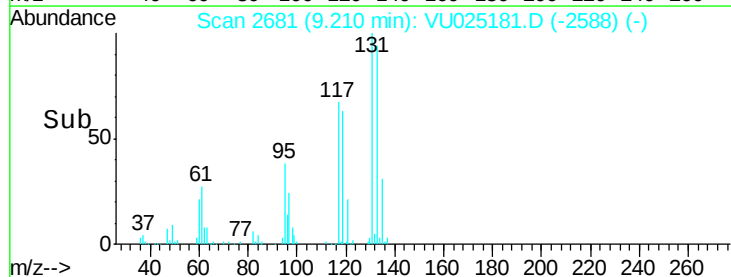
Abundance Ion 130.80 (130.50 to 131.50): V

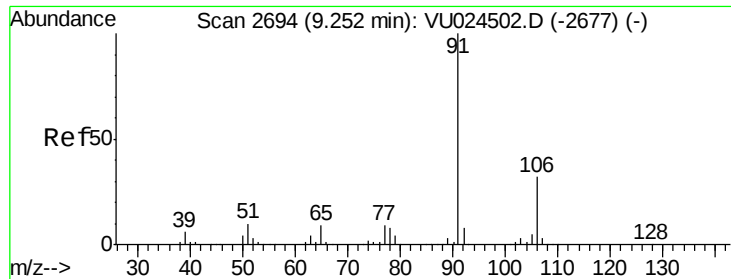
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





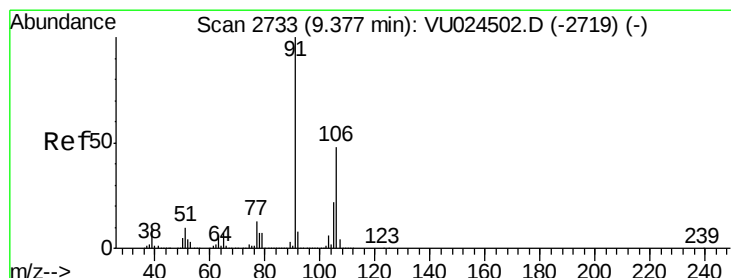
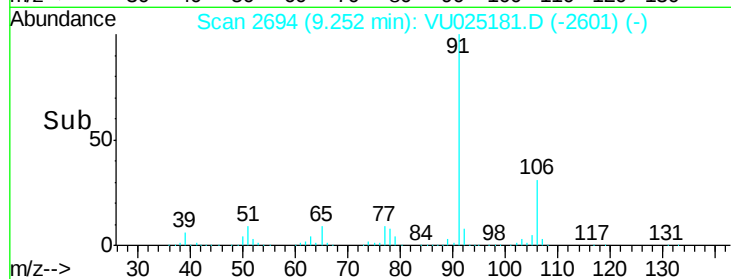
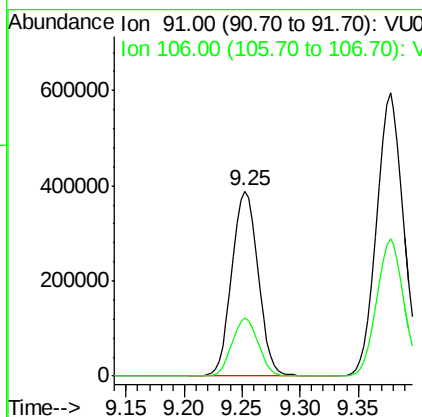
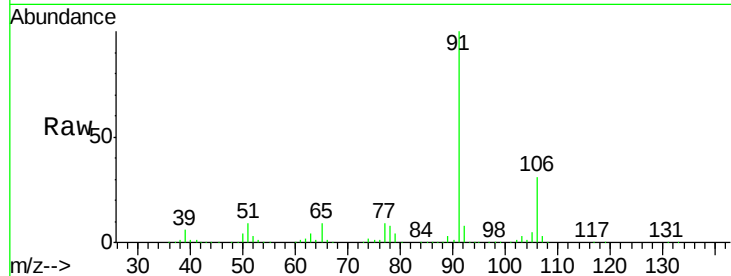
#67
Ethyl Benzene
Concen: 53.797 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 612584
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4

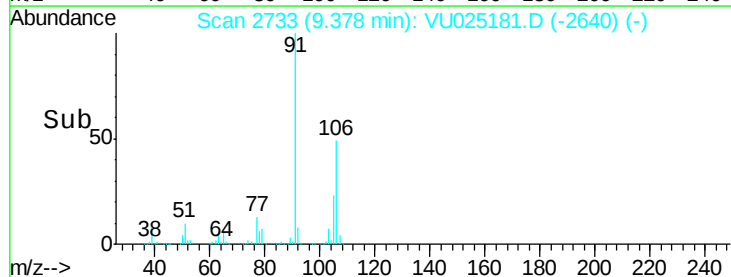
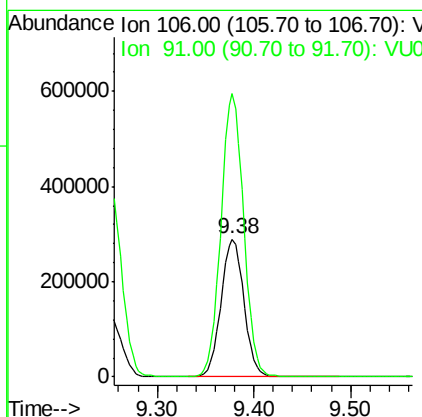
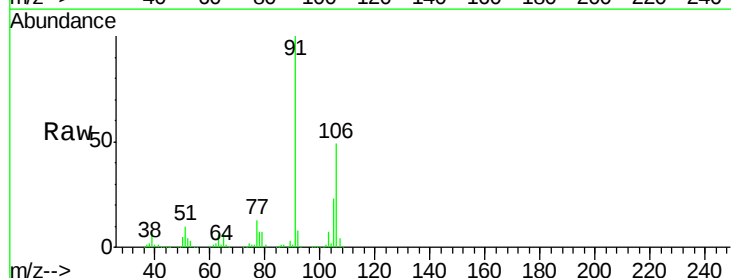
Manual Integrations
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sam
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#68
m/p-Xylenes
Concen: 108.766 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion: 106 Resp: 475594
Ion Ratio Lower Upper
106 100
91 203.7 166.5 249.7





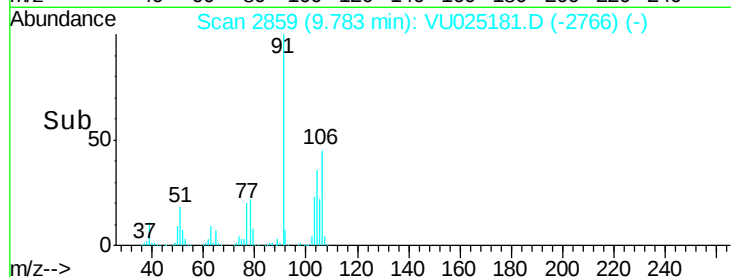
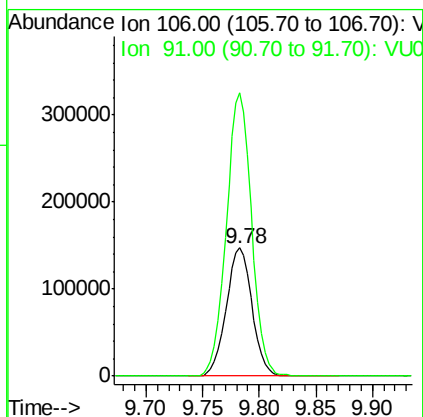
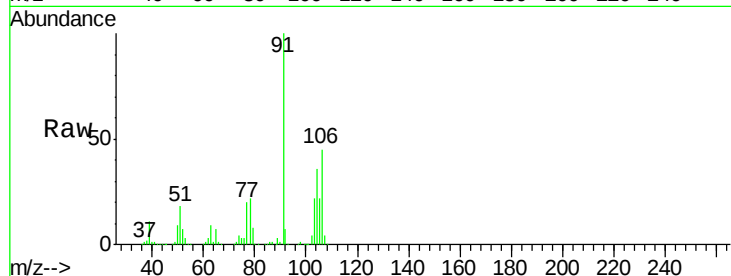
#69
o-Xylene
Concen: 53.703 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.1	110.7	331.9

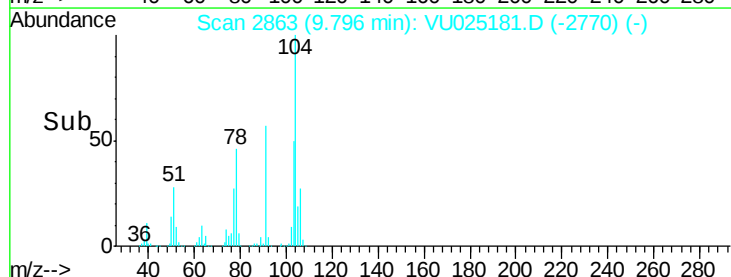
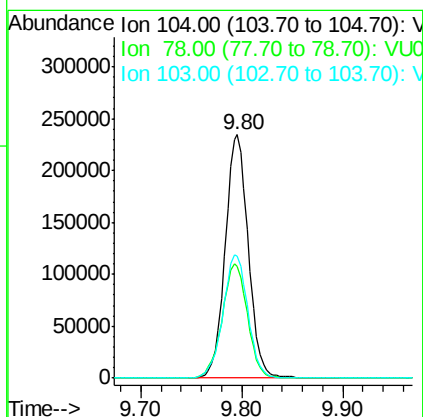
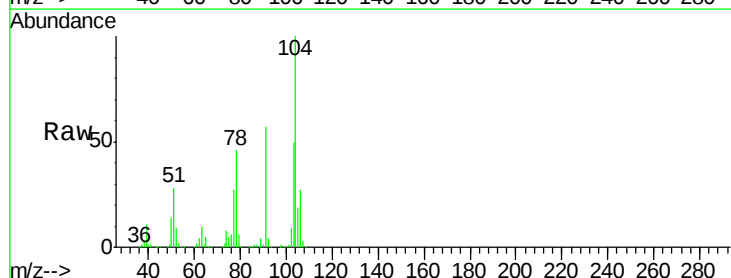
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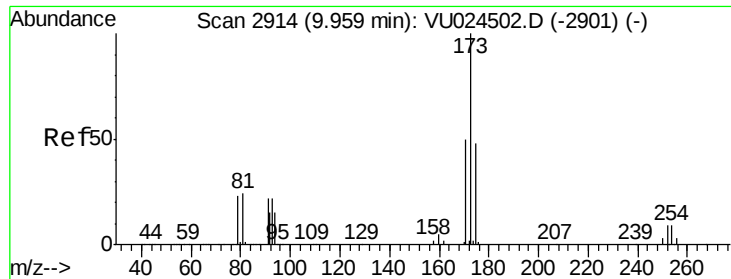
sam
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#70
Styrene
Concen: 52.753 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.5	40.6	60.8
103	54.6	44.7	67.1





#71

Bromoform

Concen: 48.370 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

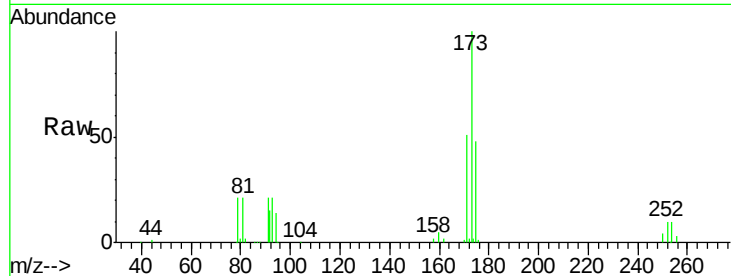
ClientSampleId :

VSTDCCC050

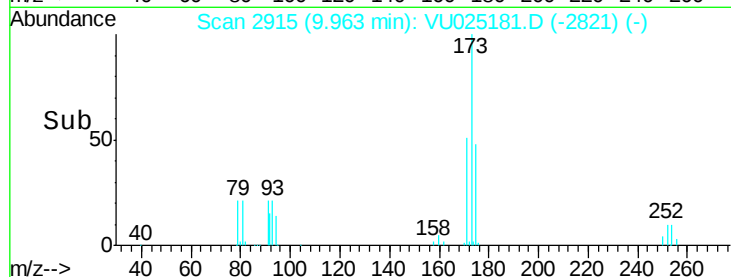
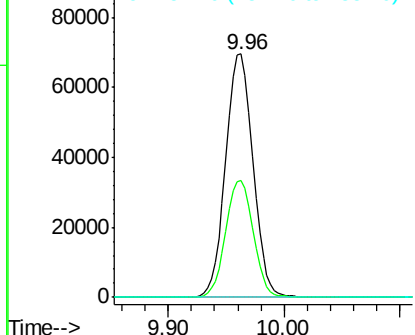
Tot Ion:	173	Resp:	113456
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.6	74.0
254	0.0	0.0	0.0

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

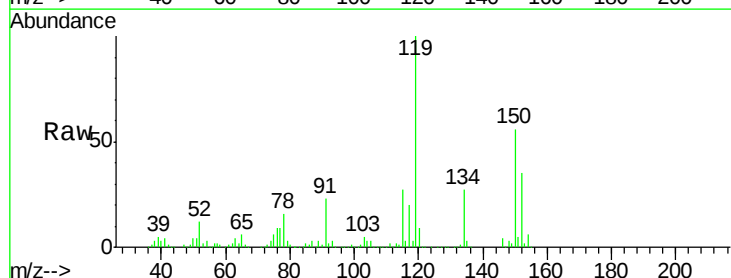
RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

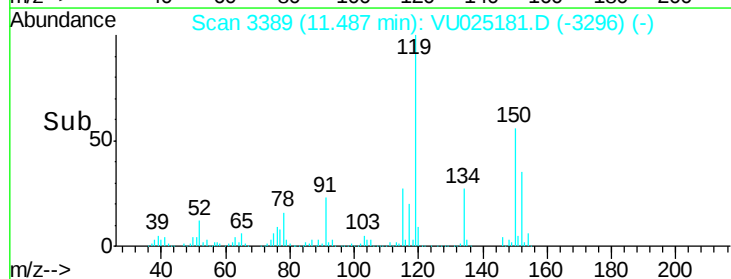
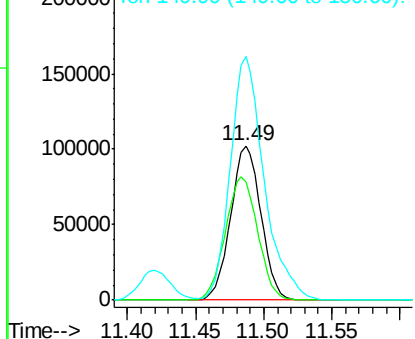
Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Tgt Ion:	152	Resp:	157398
Ion Ratio	Lower	Upper	
152	100		
115	85.3	43.0	129.0
150	176.8	0.0	354.0



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





#73

Isopropylbenzene

Concen: 52.540 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 634916

Ion Ratio Lower Upper

105 100

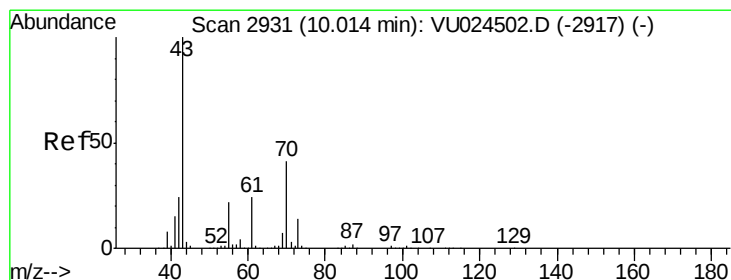
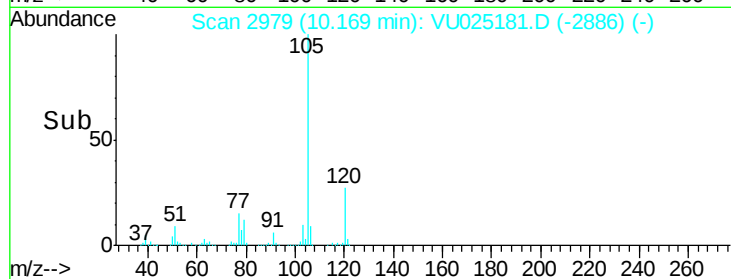
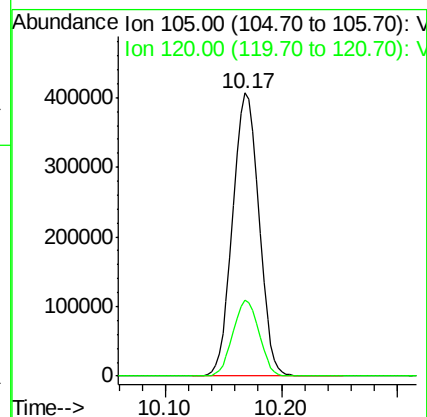
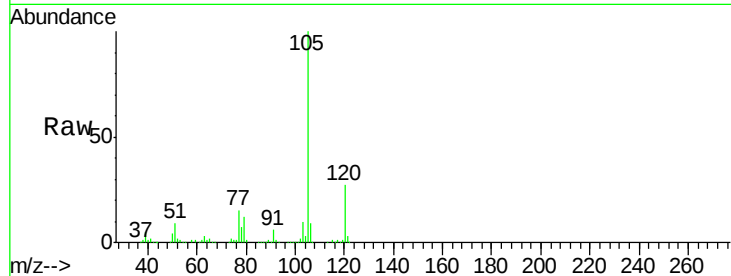
120 26.6 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 45.011 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Tgt Ion: 43 Resp: 258717

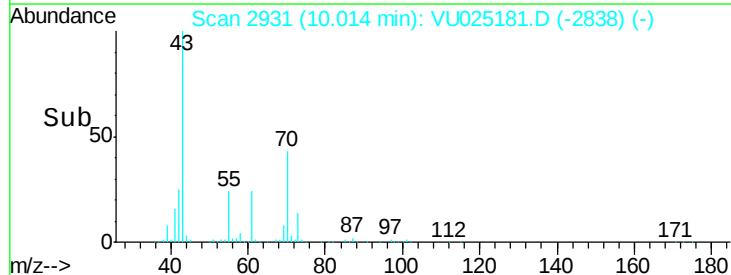
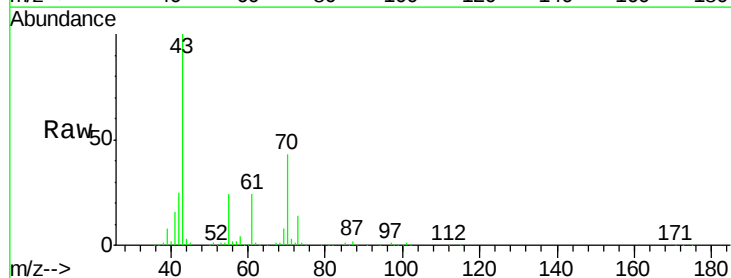
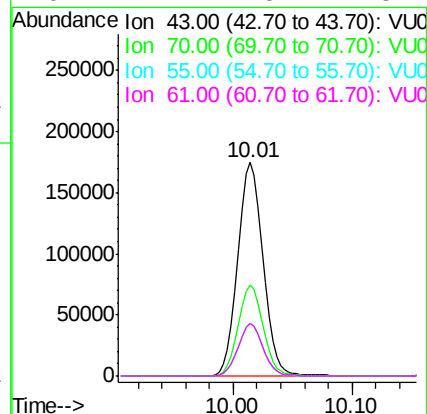
Ion Ratio Lower Upper

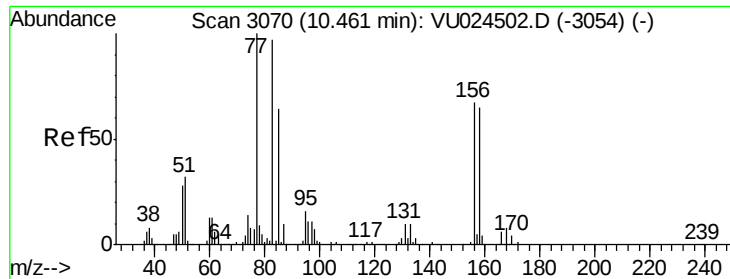
43 100

70 42.1 32.2 48.4

55 24.1 20.5 30.7

61 24.1 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.607 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 200886

Ion Ratio Lower Upper

83 100

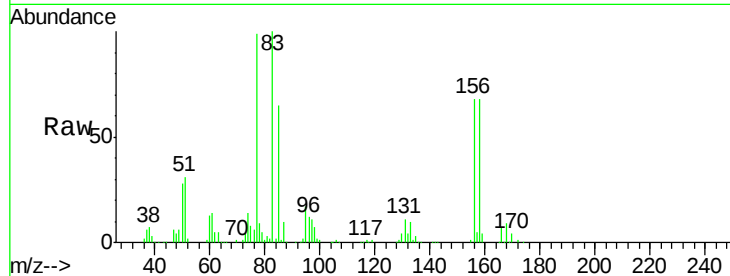
131 10.7 4.7 14.1

85 65.4 32.5 97.5

Manual Integrations
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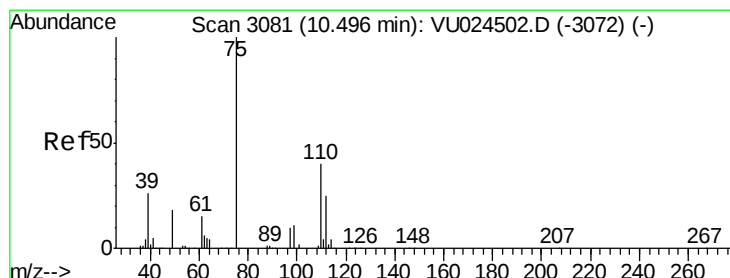
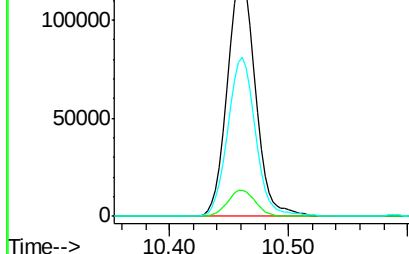
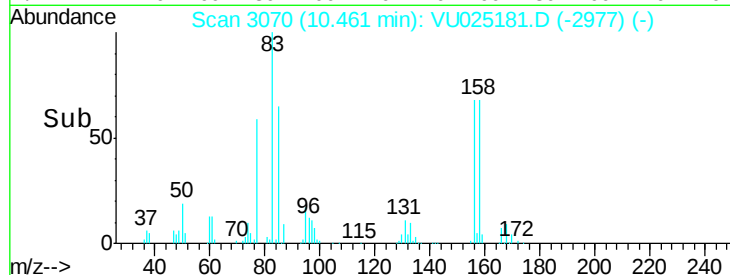


Abundance Ion 82.90 (82.60 to 83.60): VU025181.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025181.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025181.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 49.808 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025181.D

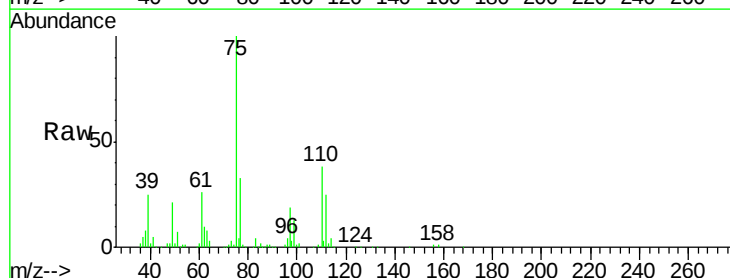
Acq: 03 Jul 2018 09:55

Tgt Ion: 75 Resp: 172601

Ion Ratio Lower Upper

75 100

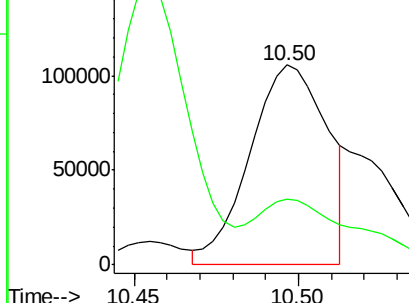
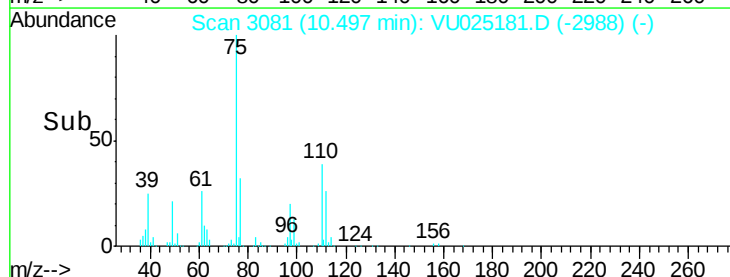
77 42.0 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025181.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025181.D (-2988) (-)

Time-->





#77

Bromobenzene

Concen: 51.724 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

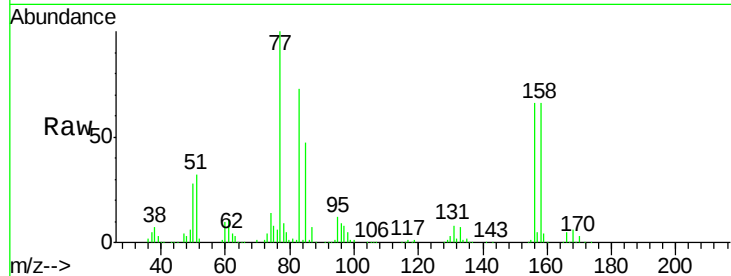
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	158240
Ion Ratio	Lower	Upper	
156	100		
77	150.9	80.5	241.3
158	99.7	48.2	144.6

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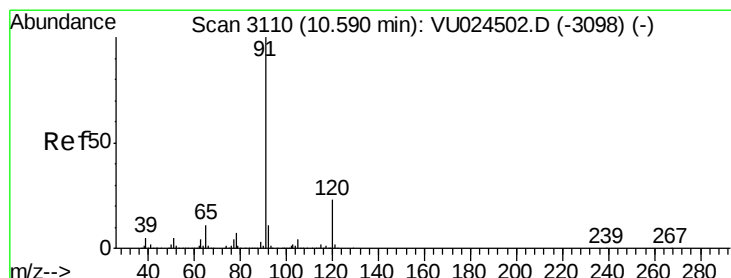
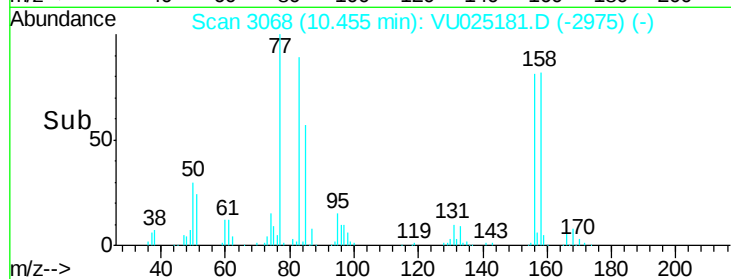
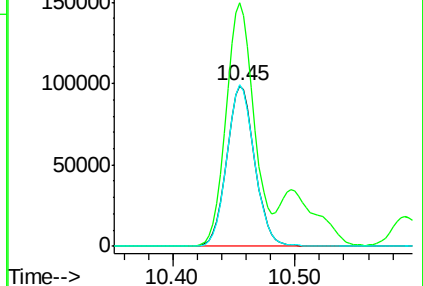
sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.808 ug/l

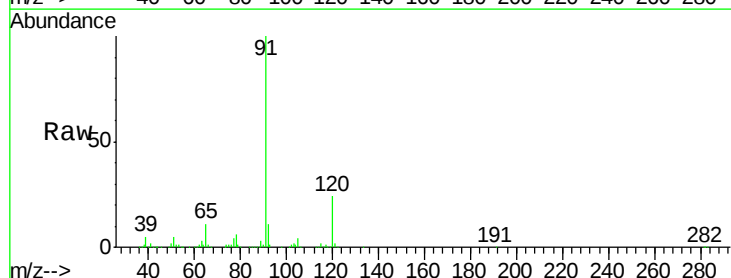
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025181.D

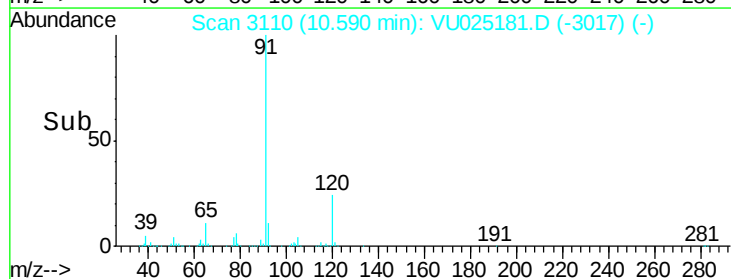
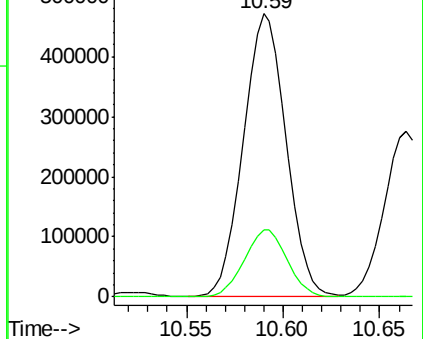
Acq: 03 Jul 2018 09:55

Tgt Ion:	91	Resp:	723260
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: 51.264 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 430351

Ion Ratio Lower Upper

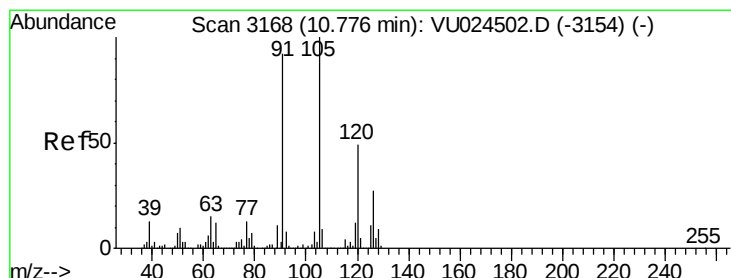
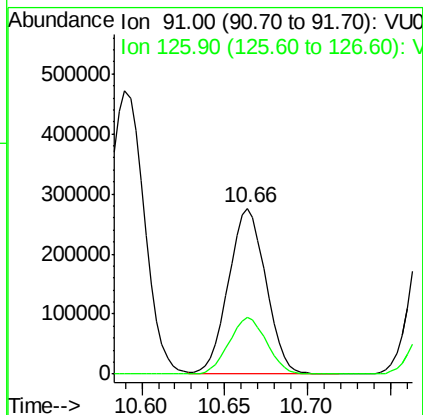
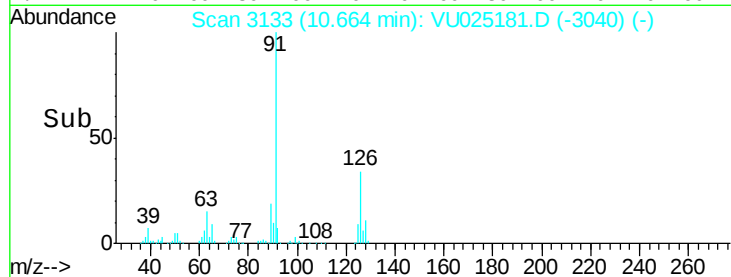
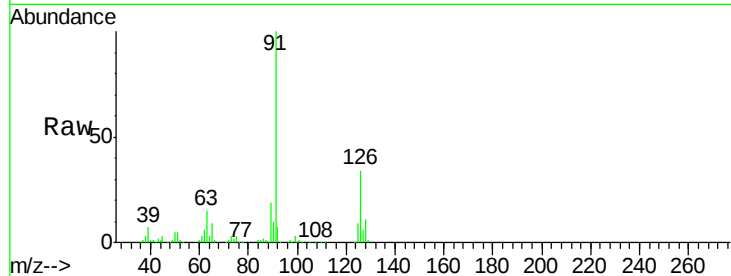
91 100

126 34.6 16.9 50.7

Manual Integrations
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sam

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#80

1,3,5-Trimethylbenzene

Concen: 52.144 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025181.D

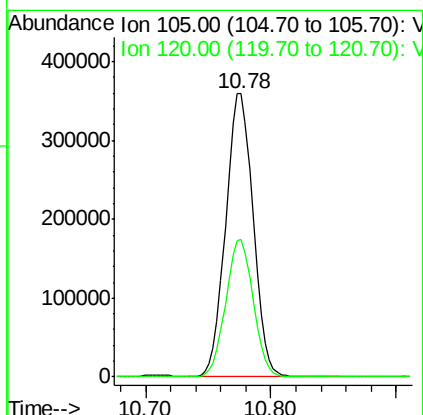
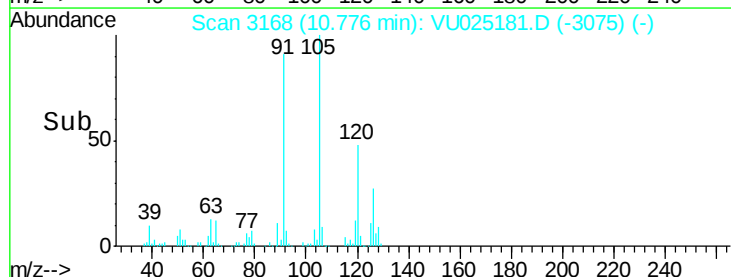
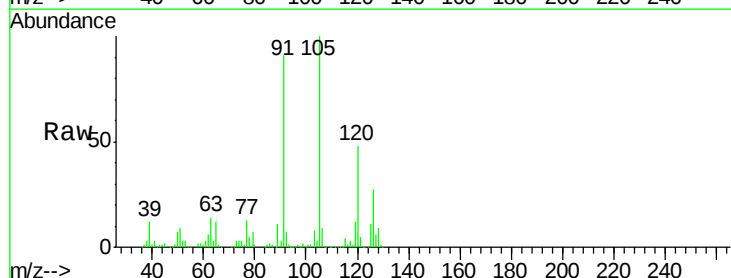
Acq: 03 Jul 2018 09:55

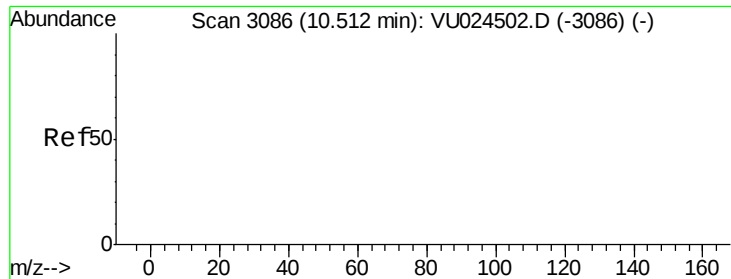
Tgt Ion: 105 Resp: 546164

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 45.098 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU025181.D

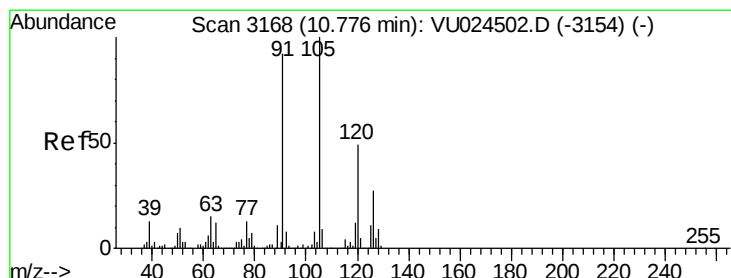
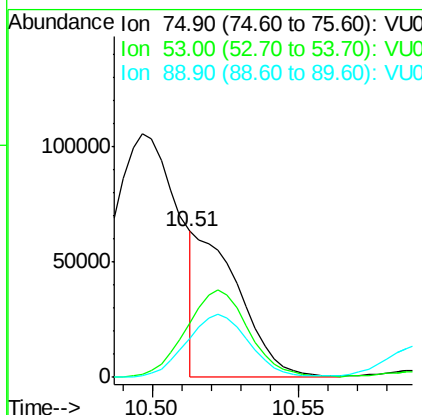
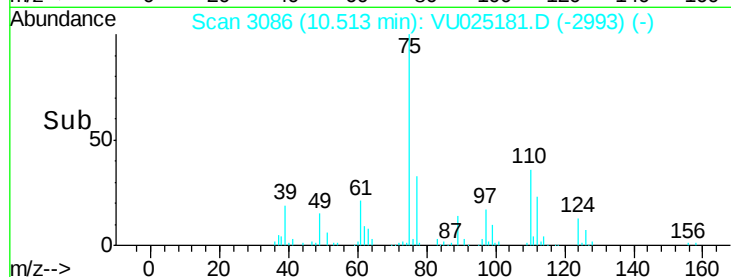
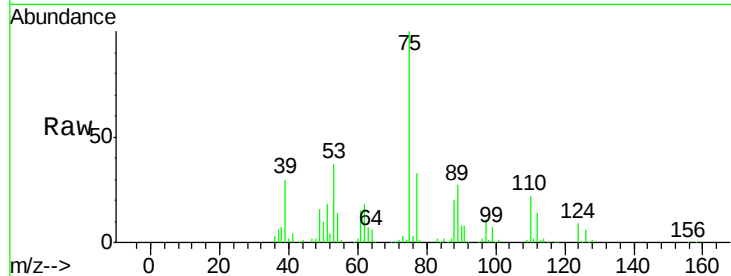
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

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

Manual Integrations
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sam
7/5/2018 2:29:58 PM



#82

4-Chlorotoluene

Concen: 51.259 ug/l

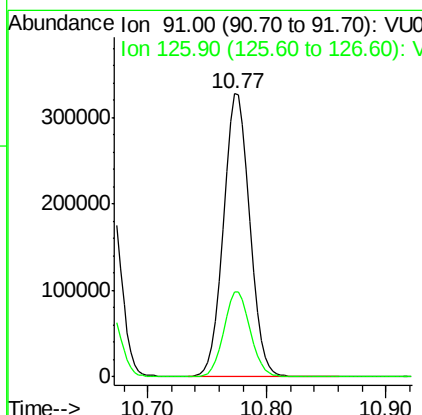
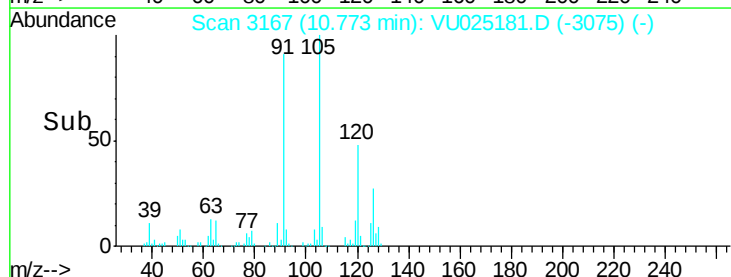
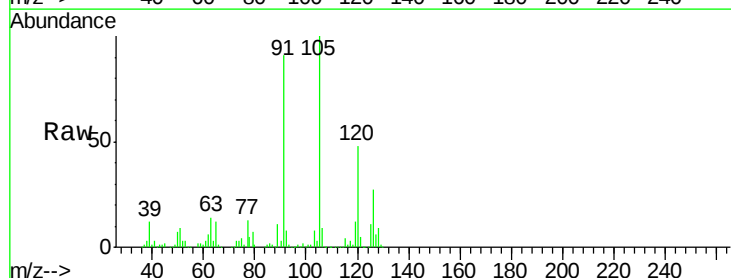
RT: 10.77 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	14.9	44.9





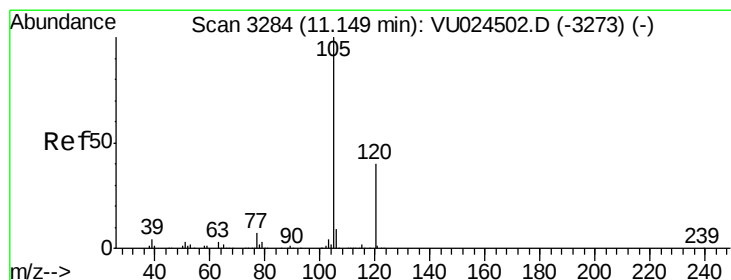
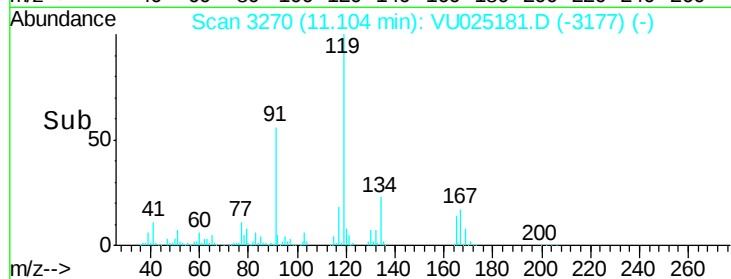
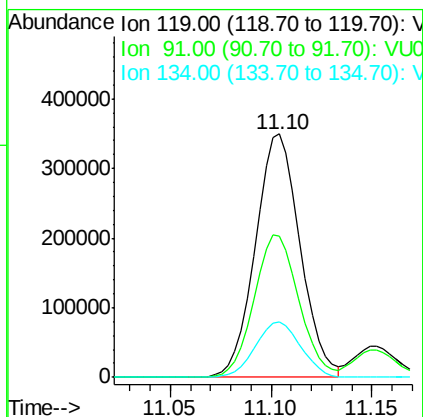
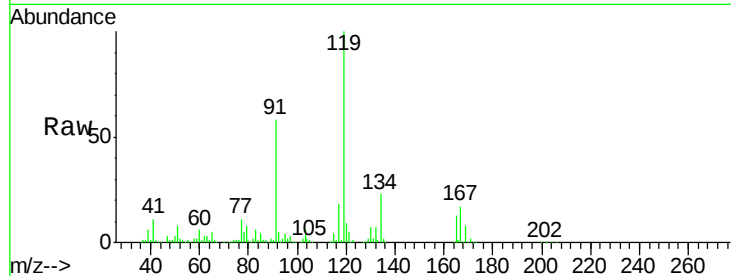
#83
 tert-Butylbenzene
 Concen: 53.663 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	540671		
91	58.9	29.7	89.1	
134	23.2	11.6	34.7	

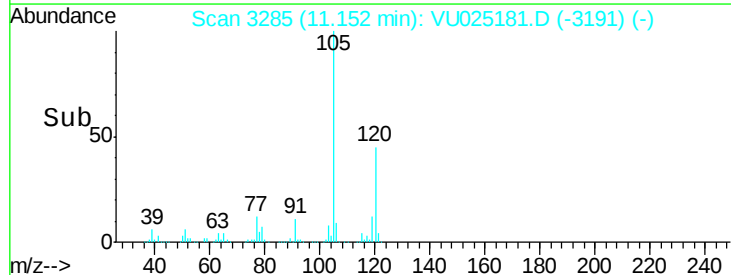
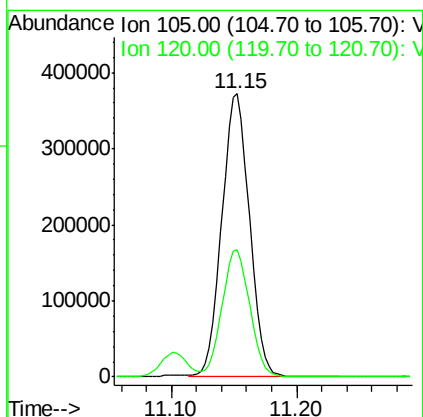
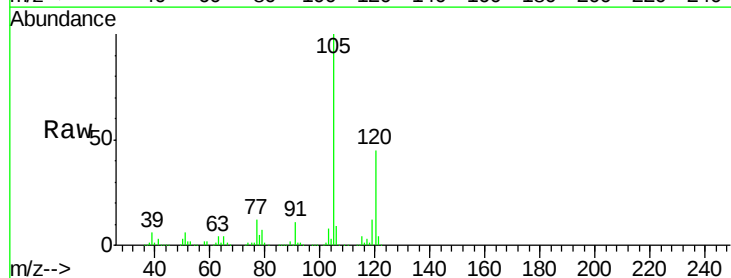
Manual Integrations
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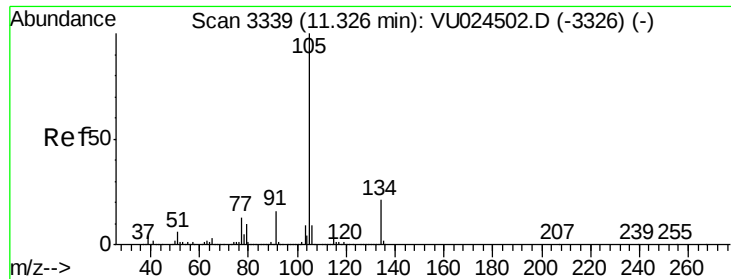
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.127 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	567083		
120	45.0	22.6	67.8	





#85

sec-Butylbenzene

Concen: 52.053 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 656467

Ion Ratio Lower Upper

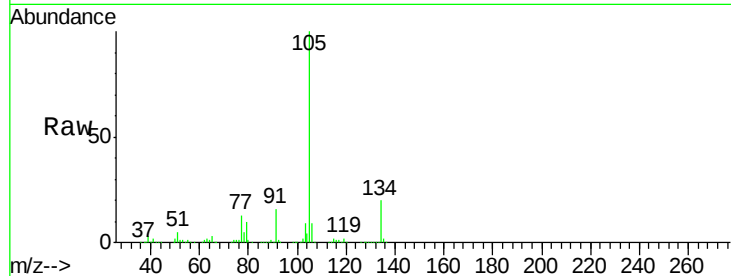
105 100

134 20.4 9.7 29.1

Manual Integrations
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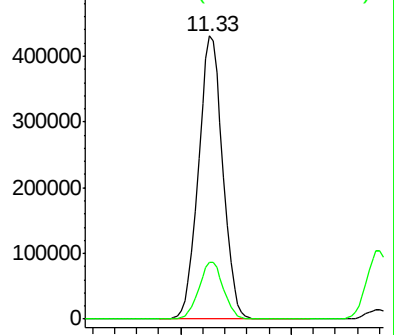
sam

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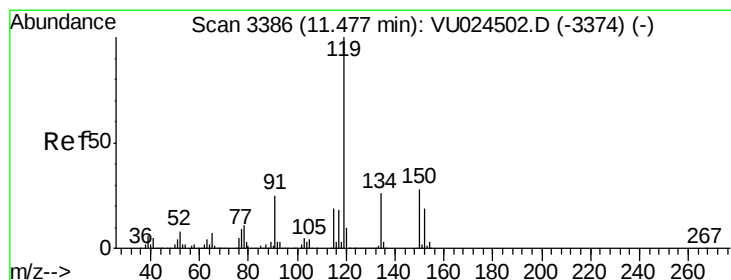
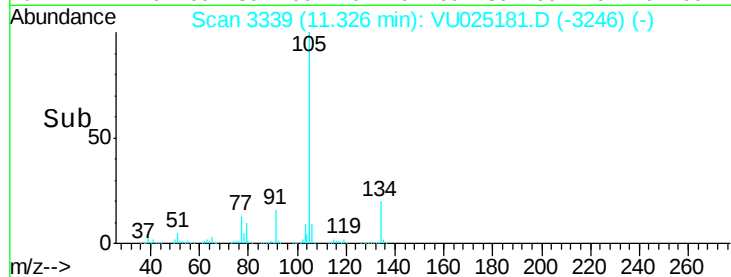


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 52.306 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

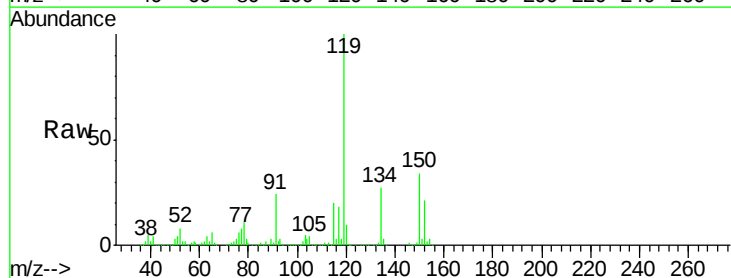
Tgt Ion:119 Resp: 590805

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

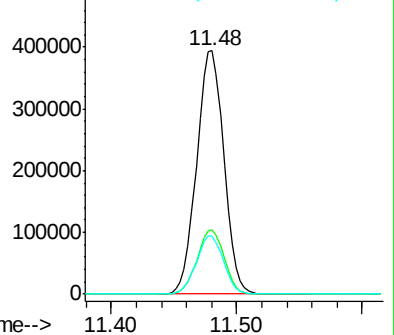
91 23.9 12.0 36.1



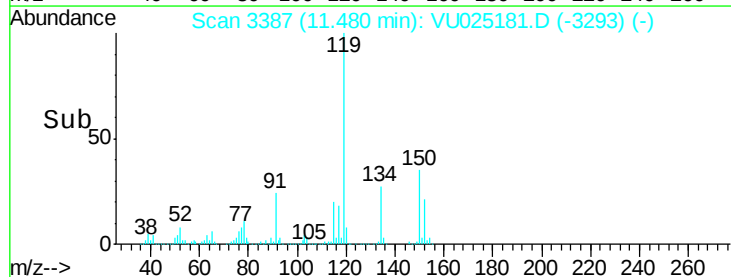
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->





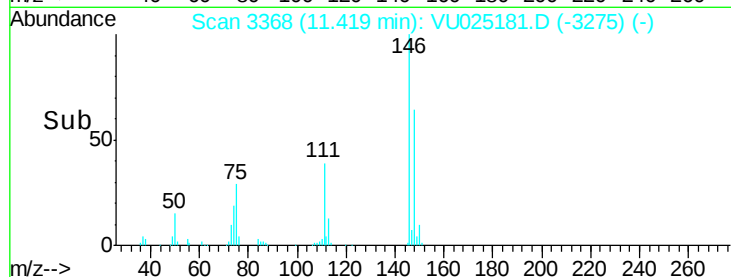
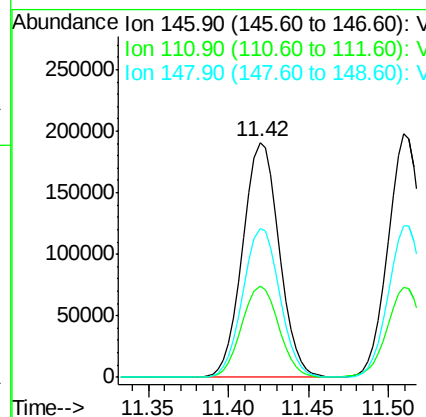
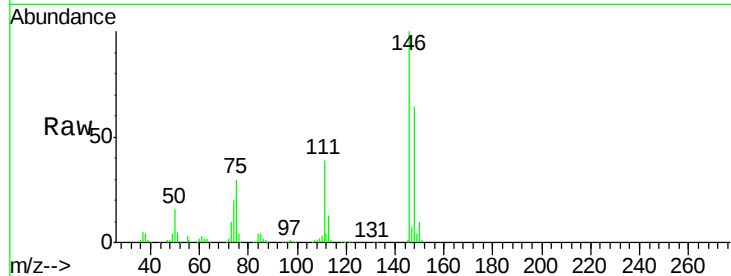
#87
 1,3-Dichlorobenzene
 Concen: 52.413 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	64.5	32.1	96.5

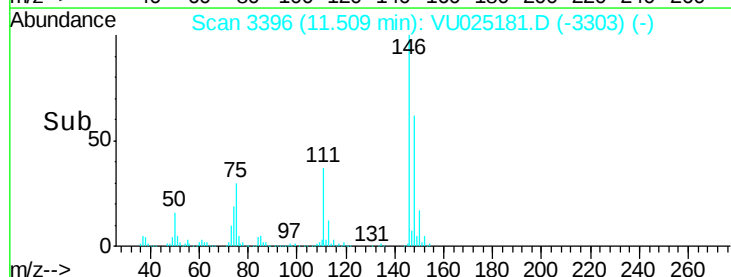
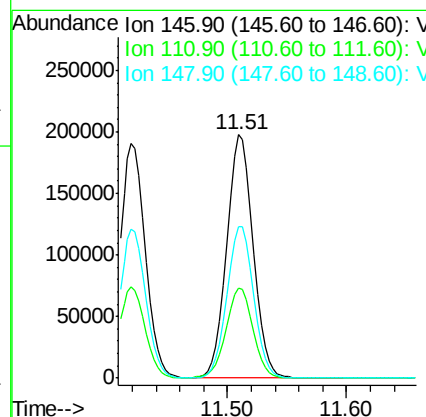
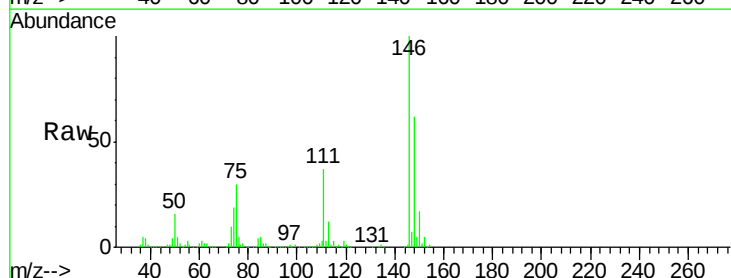
Manual Integrations
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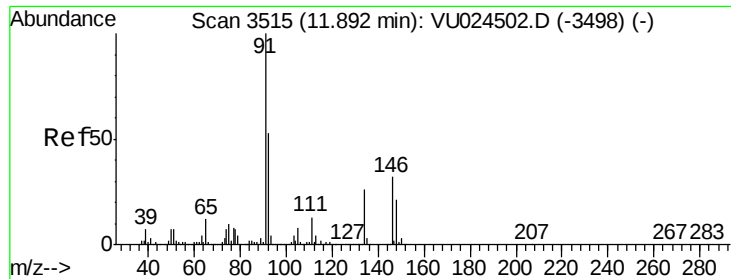
sam
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#88
 1,4-Dichlorobenzene
 Concen: 53.259 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.5	58.5
148	63.4	32.4	97.0





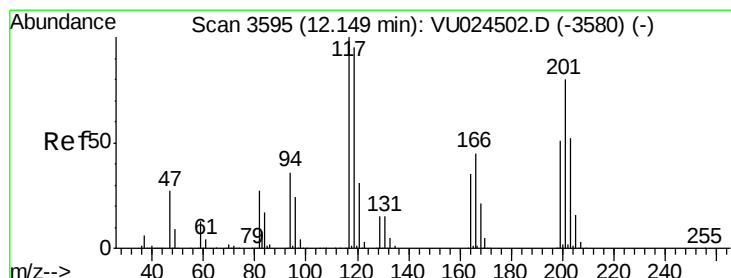
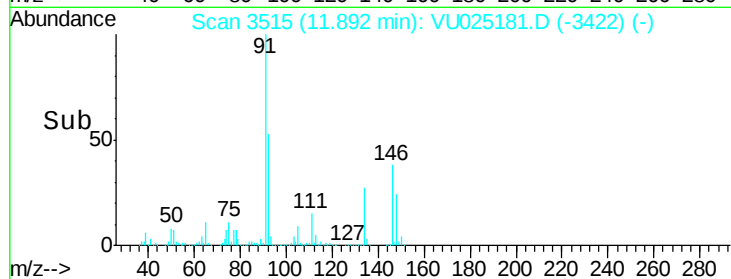
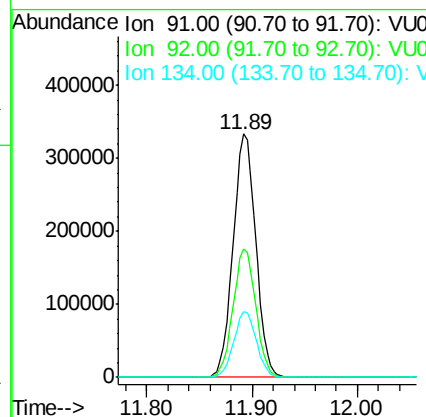
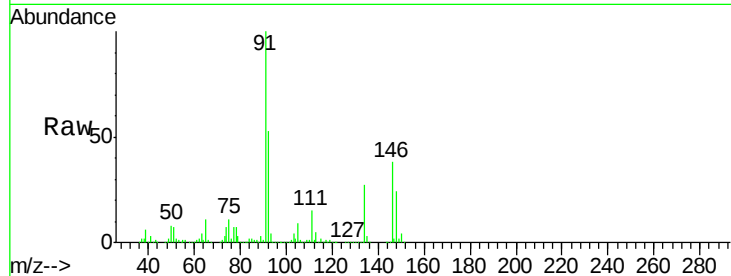
#89
n-Butylbenzene
Concen: 49.395 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	25.6	76.8
134	26.9	12.3	36.8

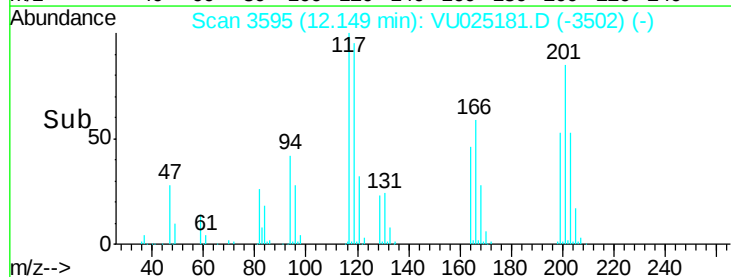
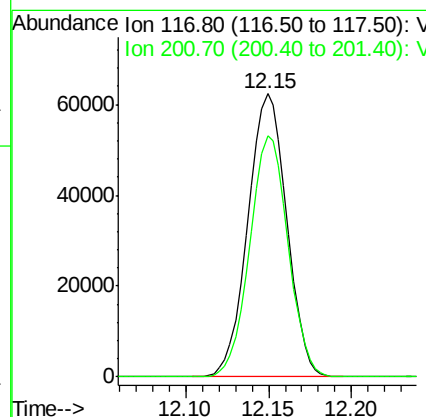
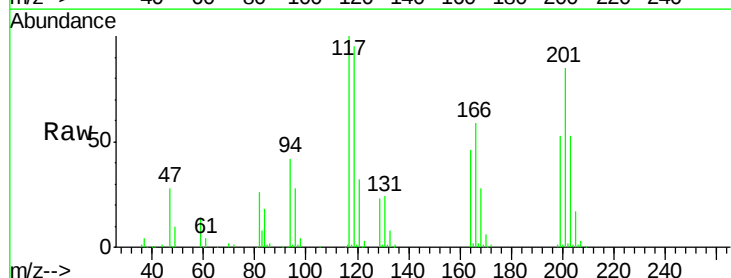
Manual Integrations
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#90
Hexachloroethane
Concen: 46.106 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.1	41.1	123.3





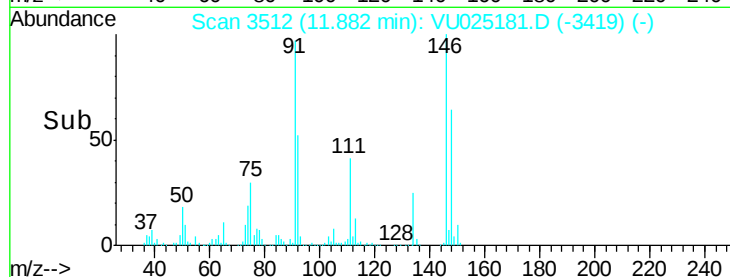
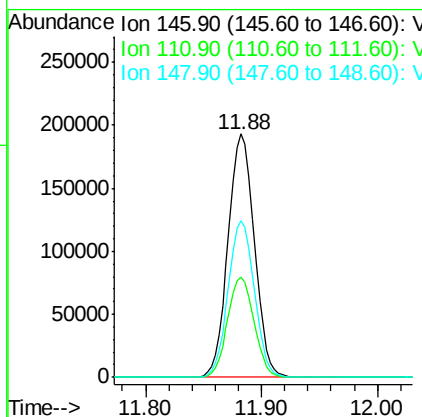
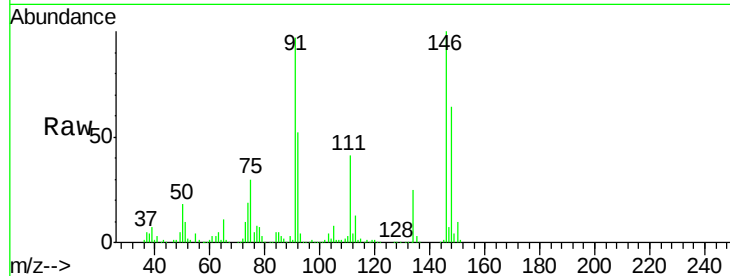
#91
 1,2-Dichlorobenzene
 Concen: 53.660 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.6
148	63.9	31.9	95.7

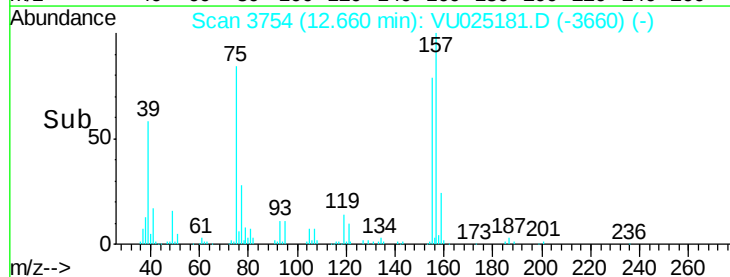
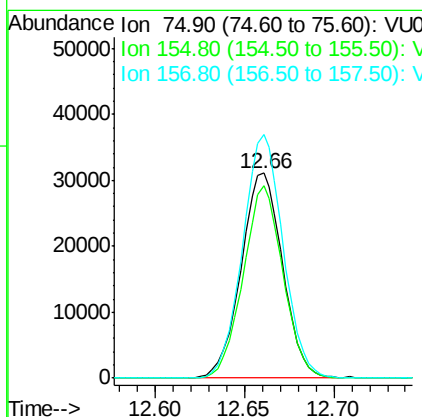
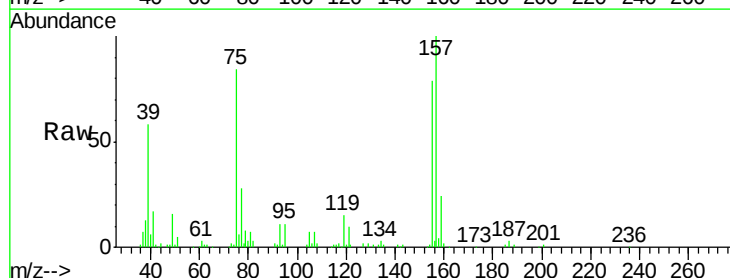
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.330 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025181.D
 Acq: 03 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	40.4	121.2
157	115.8	52.3	156.8





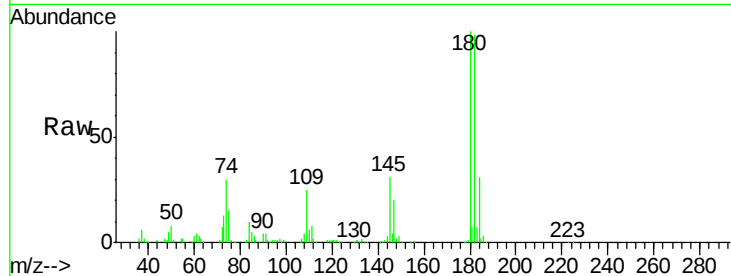
#93
1,2,4-Trichlorobenzene
Concen: 56.806 ug/l
RT: 13.51 min Scan# 4017
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

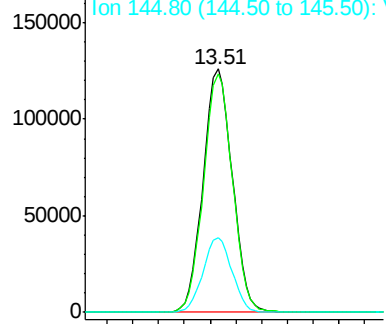
Tot Ion	Ratio	Resp	Lower	Upper
180	100	198594		
182	96.8	48.0	144.2	
145	30.4	14.7	44.1	

Manual Integrations
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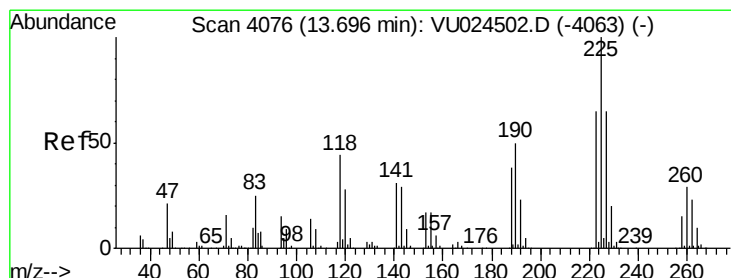
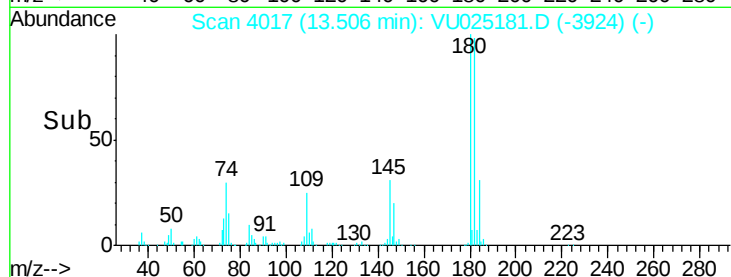
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

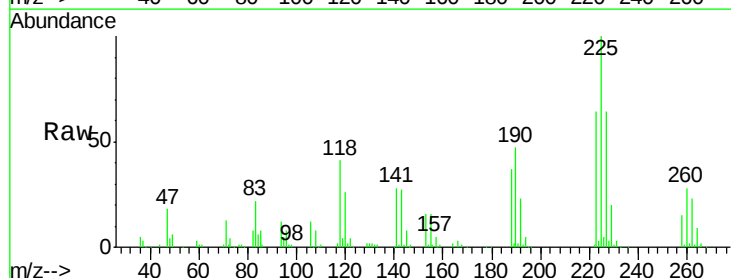


Time-->

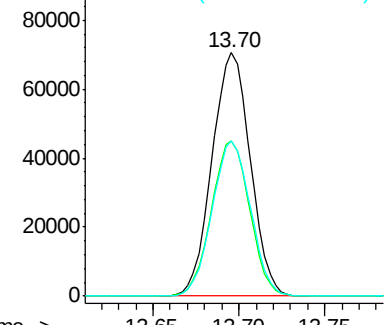


#94
Hexachlorobutadiene
Concen: 55.566 ug/l
RT: 13.70 min Scan# 4076
Delta R.T. 0.00 min
Lab File: VU025181.D
Acq: 03 Jul 2018 09:55

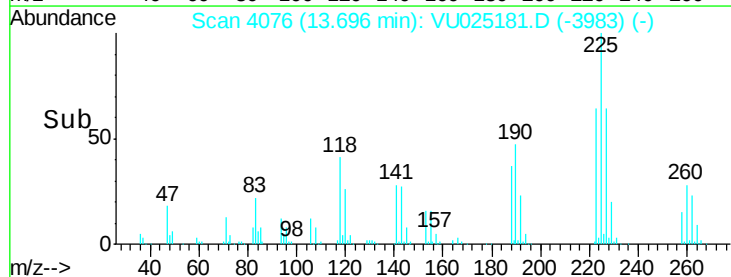
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109338		
223	63.4	31.3	93.8	
227	63.6	31.8	95.4	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 53.172 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Instrument :

MSVOA_U

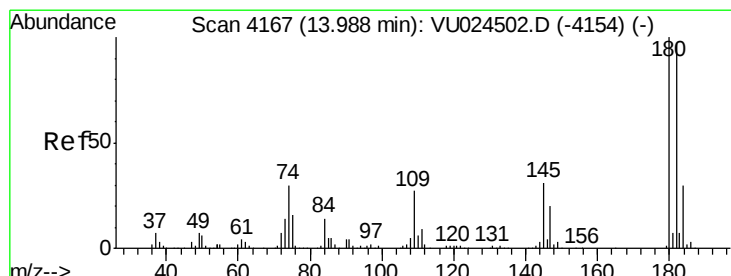
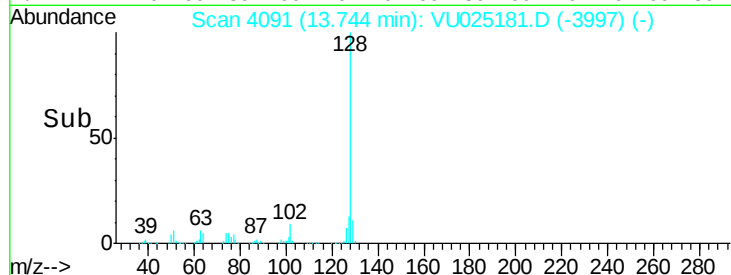
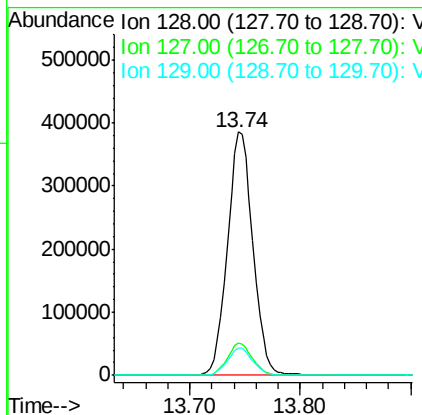
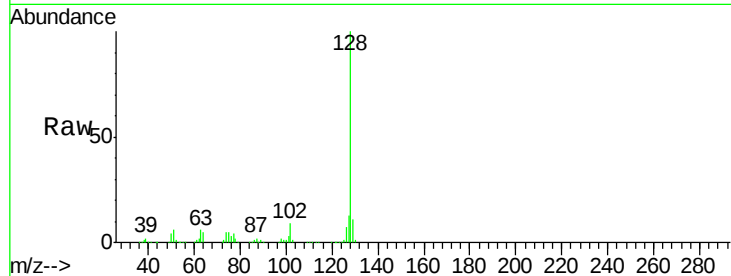
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	615891
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.9	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 58.873 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025181.D

Acq: 03 Jul 2018 09:55

Tgt Ion:	180	Resp:	205085
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.9	143.7
145	31.5	15.4	46.1

