

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025204.D
 Acq On : 05 Jul 2018 10:08
 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

sam
 7/6/2018 4:21:29 PM

Quant Time: Jul 06 05:23:21 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	170686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	251445	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	236371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	129735	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	4.89	113	107101	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	7.57	98	340552	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
62) 4-Bromofluorobenzene	10.31	95	151417	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85945	40.228	ug/l	100
3) Chloromethane	1.33	50	88031	40.331	ug/l	98
4) Vinyl Chloride	1.40	62	98965	43.965	ug/l	99
5) Bromomethane	1.62	94	61331	56.362	ug/l	100
6) Chloroethane	1.69	64	64476	51.287	ug/l	99
7) Trichlorofluoromethane	1.88	101	167247	48.686	ug/l	99
8) Diethyl Ether	2.10	74	62555	53.646	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	104196	48.891	ug/l	98
10) Methyl Iodide	2.41	142	102009	55.865	ug/l	98
11) Tert butyl alcohol	2.82	59	145537	214.752	ug/l	99
12) 1,1-Dichloroethene	2.28	96	92264	47.473	ug/l	95
13) Acrolein	2.19	56	43000	120.828	ug/l	98
14) Allyl chloride	2.59	41	161595	44.781	ug/l	99
15) Acrylonitrile	2.93	53	317772	241.003	ug/l	98
16) Acetone	2.32	43	385061	257.192	ug/l	97
17) Carbon Disulfide	2.48	76	256377	41.197	ug/l	99
18) Methyl Acetate	2.61	43	194841	60.705	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	369804	50.619	ug/l	96
20) Methylene Chloride	2.70	84	110398	46.994	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	102178	47.734	ug/l	99
22) Diisopropyl ether	3.57	45	355892	49.751	ug/l	96
23) Vinyl Acetate	3.53	43	1491267	232.719	ug/l	99
24) 1,1-Dichloroethane	3.45	63	202226	49.141	ug/l	98
25) 2-Butanone	4.26	43	497160	247.215	ug/l	97
26) 2,2-Dichloropropane	4.23	77	193444	49.505	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	122795	49.898	ug/l	100
28) Bromochloromethane	4.55	49	79260	43.727	ug/l	87
29) Tetrahydrofuran	4.63	42	292438	234.819	ug/l	97
30) Chloroform	4.68	83	213160	51.176	ug/l	100
31) Cyclohexane	5.00	56	179338	49.036	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	194498	50.497	ug/l	97
36) 1,1-Dichloropropene	5.14	75	152053	51.462	ug/l	98
37) Ethyl Acetate	4.38	43	167702	52.075	ug/l	97
38) Carbon Tetrachloride	5.14	117	174692	53.766	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	194100	52.642	ug/l	95
40) Benzene	5.39	78	442550	52.564	ug/l	99
41) Methacrylonitrile	4.54	41	94899	54.656	ug/l	97
42) 1,2-Dichloroethane	5.41	62	178432	55.646	ug/l	100
43) Isopropyl Acetate	5.55	43	277058	49.772	ug/l	99
44) Trichloroethene	6.19	130	125481	52.369	ug/l	93
45) 1,2-Dichloropropane	6.44	63	118863	52.912	ug/l	99
46) Dibromomethane	6.56	93	86229	54.647	ug/l	96
47) Bromodichloromethane	6.76	83	165925	52.807	ug/l	99
48) Methyl methacrylate	6.62	41	146149	53.918	ug/l	97
49) 1,4-Dioxane	6.61	88	61097	1152.578	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	892360	255.164	ug/l	98
52) Toluene	7.64	92	286258	52.848	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	184899	52.400	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	193386	51.433	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	118417	53.782	ug/l	99
56) Ethyl methacrylate	8.02	69	186552	50.622	ug/l	99
57) 1,3-Dichloropropane	8.25	76	200743	54.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	330504	234.096	ug/l	96
59) 2-Hexanone	8.36	43	723547	253.419	ug/l	99
60) Dibromochloromethane	8.48	129	140470	51.161	ug/l	99
61) 1,2-Dibromoethane	8.59	107	129777	52.956	ug/l	98
64) Tetrachloroethene	8.23	164	116383	51.799	ug/l	98
65) Chlorobenzene	9.12	112	330453	54.725	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	127162	55.430	ug/l	98
67) Ethyl Benzene	9.25	91	573386	54.166	ug/l	96
68) m/p-Xylenes	9.38	106	450789	110.897	ug/l	97
69) o-Xylene	9.78	106	223790	55.629	ug/l	95
70) Styrene	9.80	104	356717	53.958	ug/l	99
71) Bromoform	9.96	173	112394	51.544	ug/l #	99
73) Isopropylbenzene	10.17	105	601607	52.460	ug/l	99
74) N-amyl acetate	10.01	43	251426	46.094	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	195326	50.828	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	179761m	54.663	ug/l	
77) Bromobenzene	10.45	156	154705	53.287	ug/l	93
78) n-propylbenzene	10.59	91	696492	51.558	ug/l	97
79) 2-Chlorotoluene	10.66	91	409580	51.413	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	525188	52.837	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	68747m	48.383	ug/l	
82) 4-Chlorotoluene	10.78	91	477441	51.492	ug/l	98
83) tert-Butylbenzene	11.10	119	519818	54.367	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	534970	52.813	ug/l	99
85) sec-Butylbenzene	11.33	105	631746	52.786	ug/l	98
86) p-Isopropyltoluene	11.48	119	564519	52.666	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	282832	52.730	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	286498	53.069	ug/l	99
89) n-Butylbenzene	11.89	91	475223	49.938	ug/l	97
90) Hexachloroethane	12.15	117	100468	48.048	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	291227	54.207	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51155	48.243	ug/l	93

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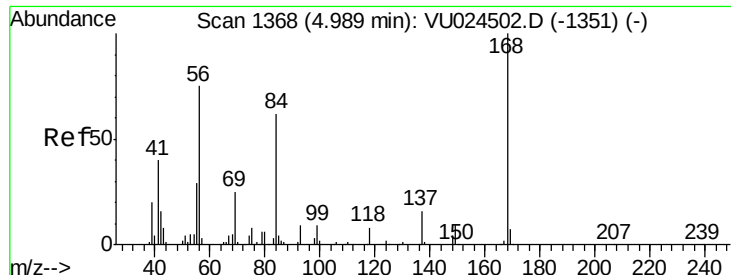
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	191357	57.679	ug/l	99
94) Hexachlorobutadiene	13.70	225	106108	56.823	ug/l	99
95) Naphthalene	13.74	128	589022	53.581	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	196608	59.473	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: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 170686

Ion Ratio Lower Upper

168 100

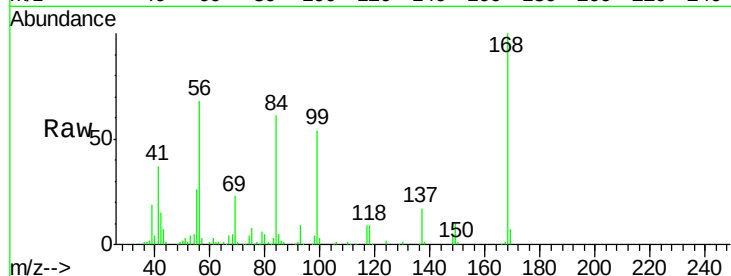
99 53.8 43.2 64.8

Manual Integrations

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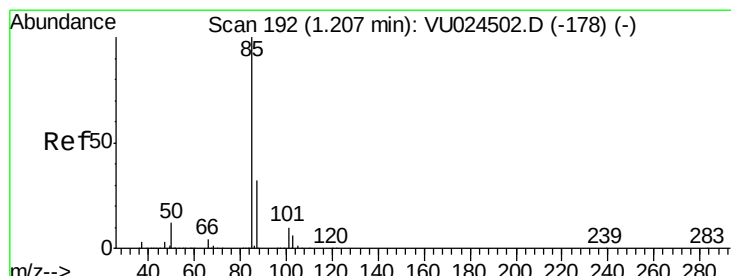
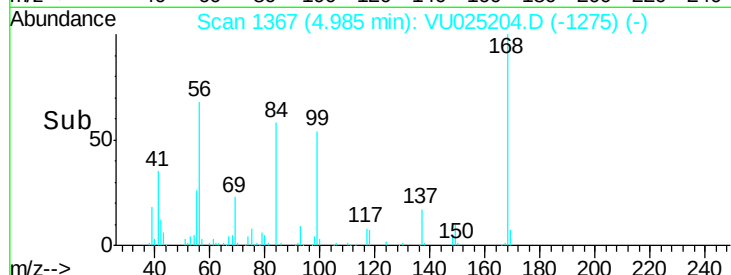
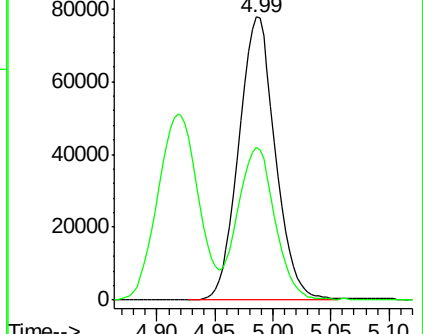
sam

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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: 40.228 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025204.D

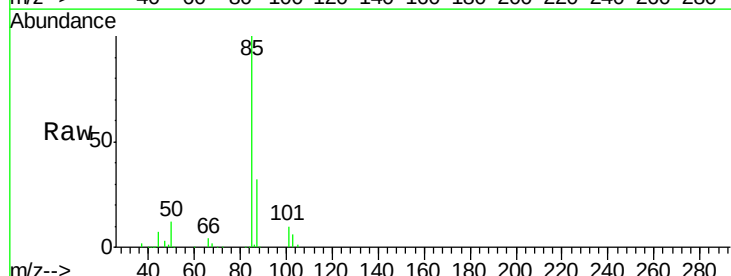
Acq: 05 Jul 2018 10:08

Tgt Ion: 85 Resp: 85945

Ion Ratio Lower Upper

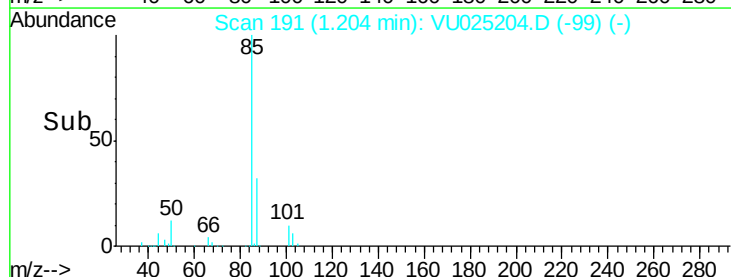
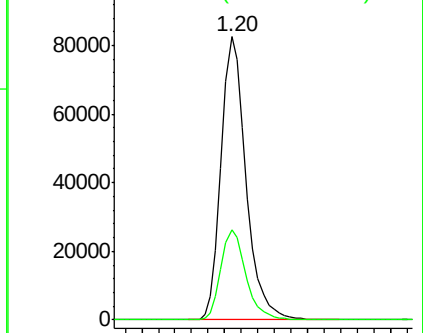
85 100

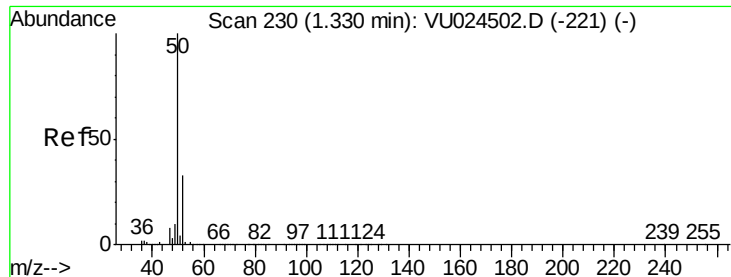
87 32.0 16.1 48.2



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: 40.331 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 88031

Ion Ratio Lower Upper

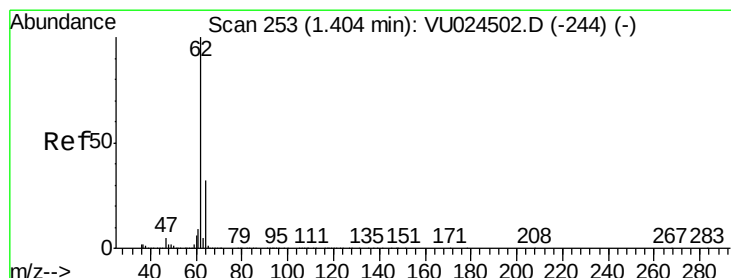
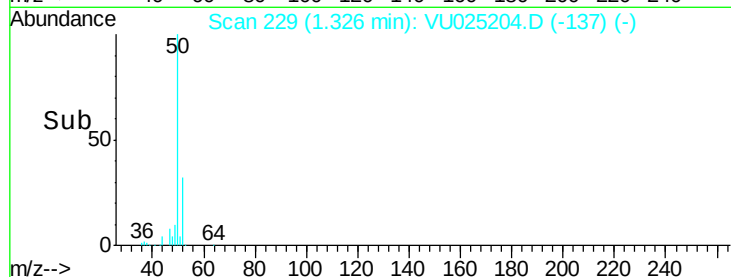
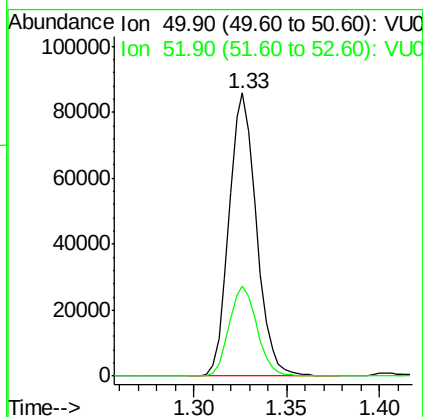
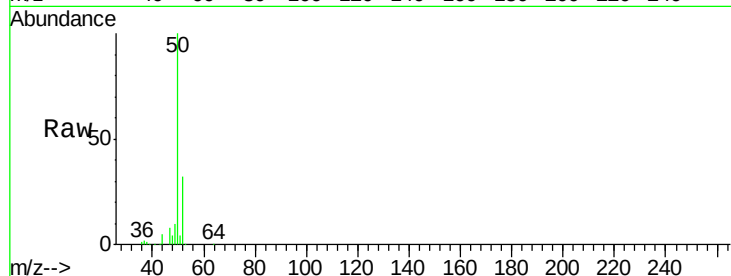
50 100

52 31.7 26.4 39.6

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#4

Vinyl Chloride

Concen: 43.965 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025204.D

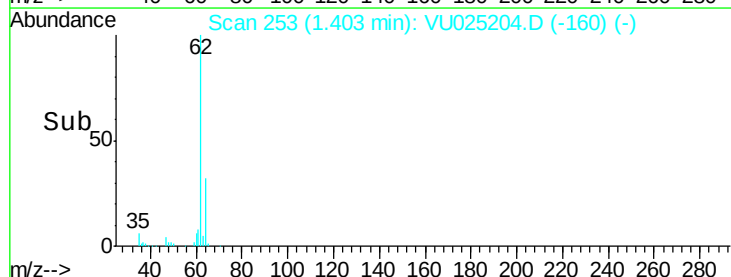
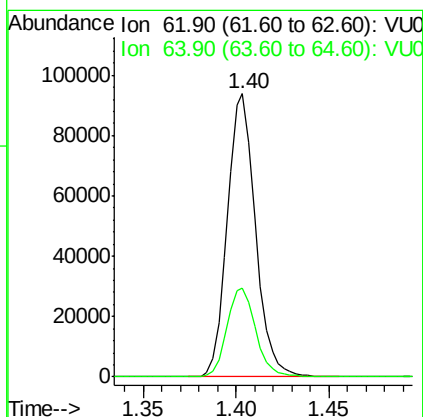
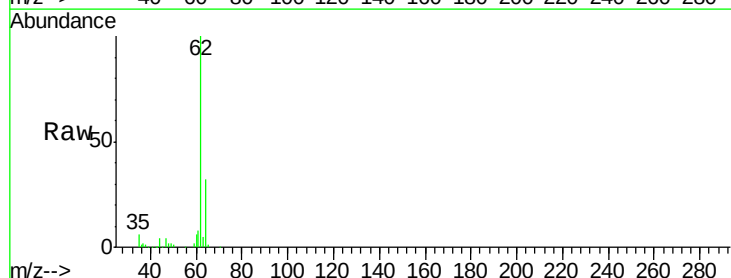
Acq: 05 Jul 2018 10:08

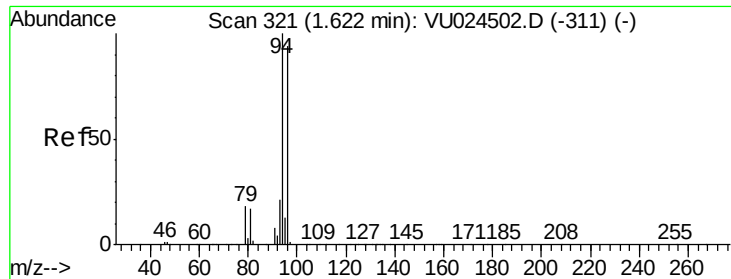
Tgt Ion: 62 Resp: 98965

Ion Ratio Lower Upper

62 100

64 31.3 24.8 37.2





#5

Bromomethane

Concen: 56.362 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 61331

Ion Ratio Lower Upper

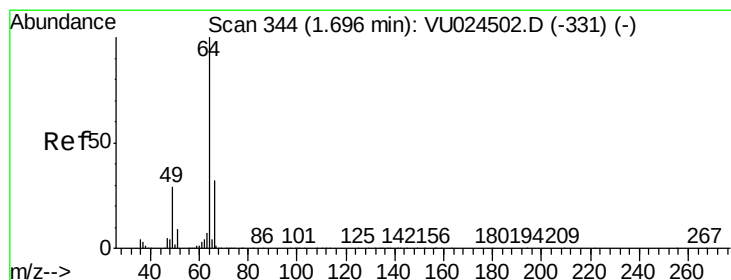
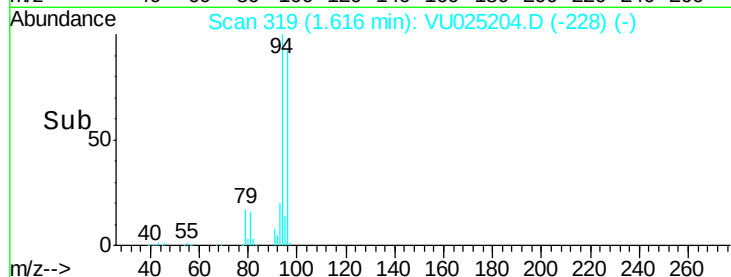
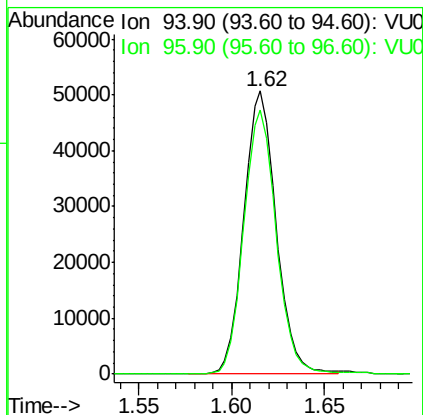
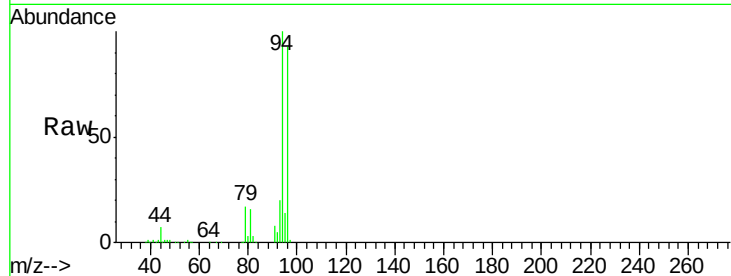
94 100

96 93.3 74.5 111.7

Manual Integrations
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#6

Chloroethane

Concen: 51.287 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025204.D

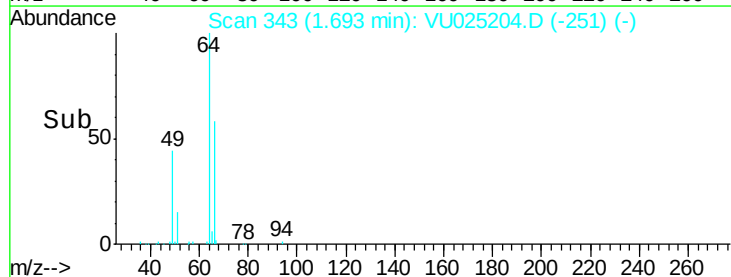
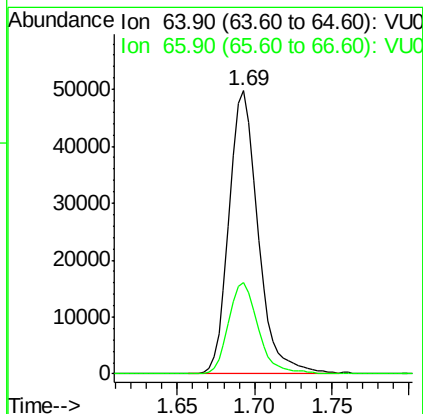
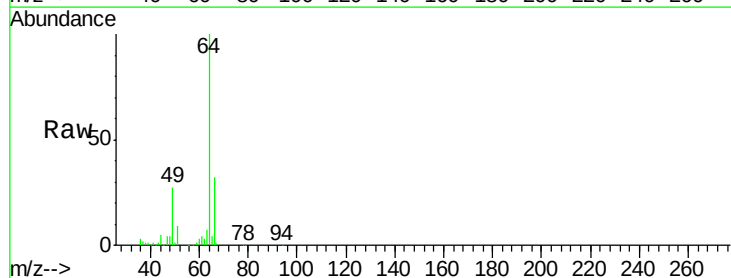
Acq: 05 Jul 2018 10:08

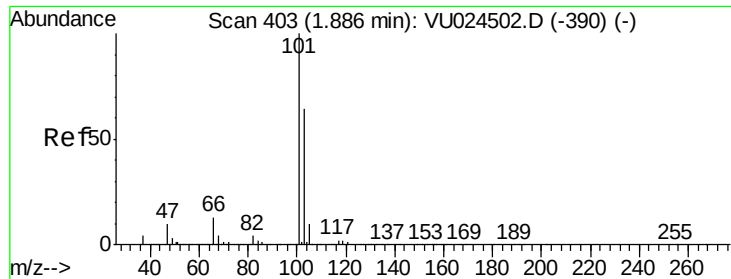
Tgt Ion: 64 Resp: 64476

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3





#7

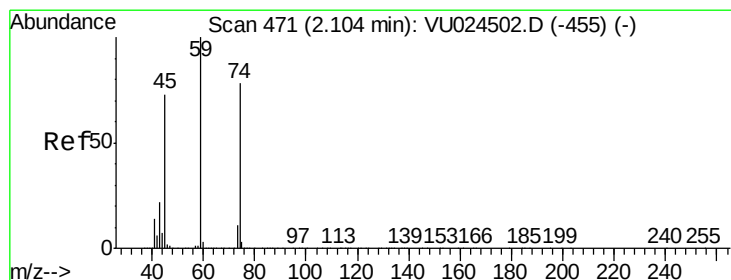
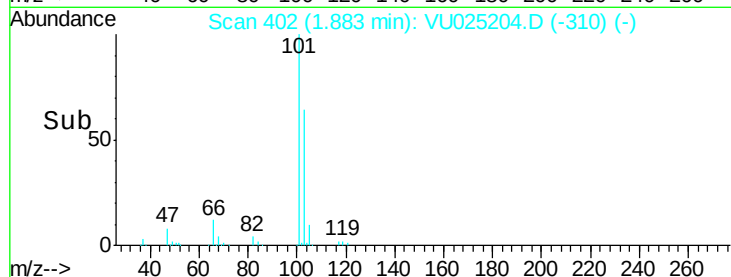
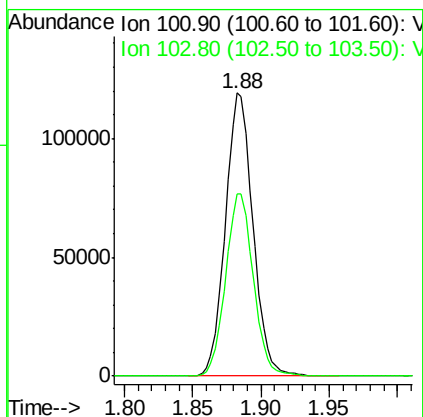
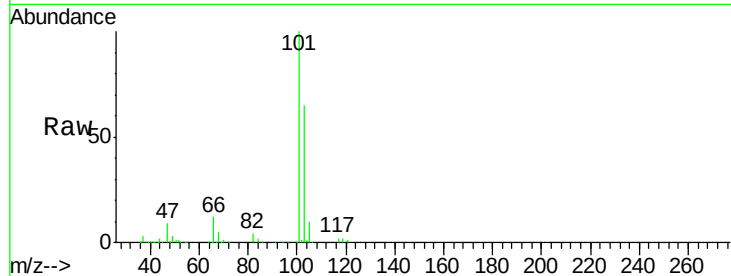
Trichlorofluoromethane
Concen: 48.686 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
Lab File: VU025204.D
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.3	78.5

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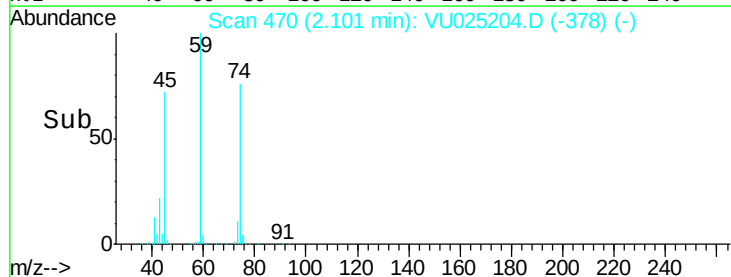
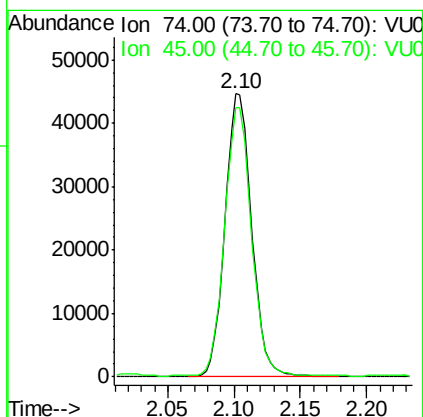
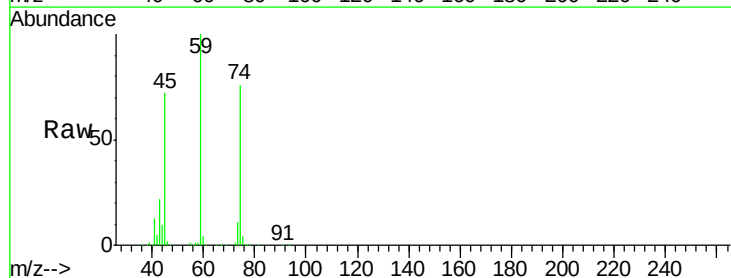
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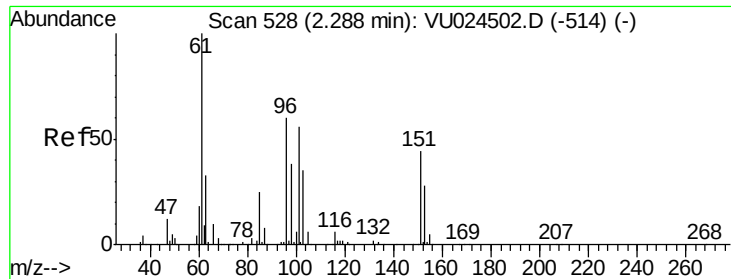


#8

Diethyl Ether
Concen: 53.646 ug/l
RT: 2.10 min Scan# 470
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.9	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.891 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

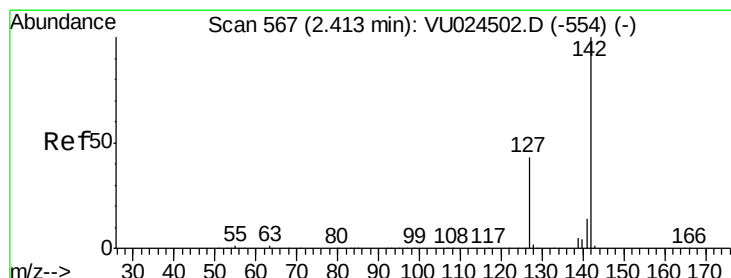
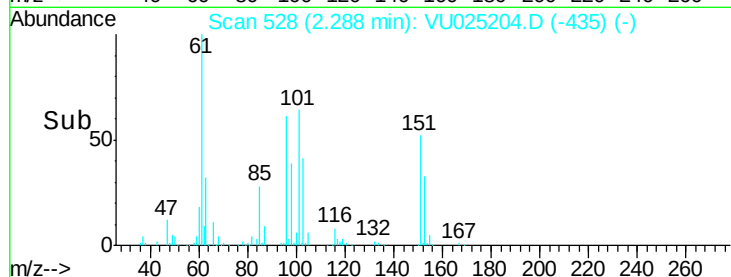
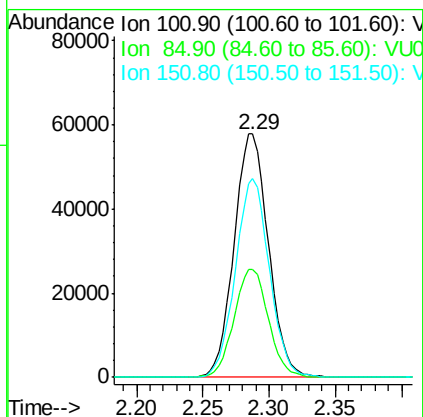
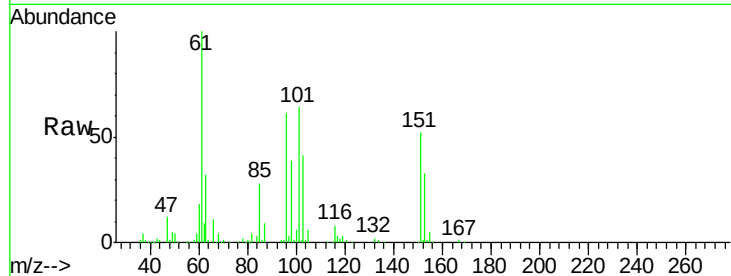
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	104196
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.0	54.0
151	80.7	62.3	93.5

Manual Integrations
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sam
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#10

Methyl Iodide

Concen: 55.865 ug/l

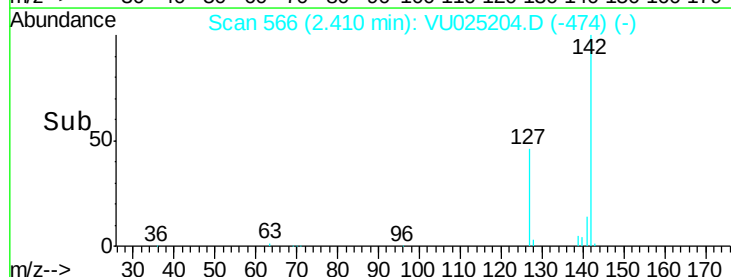
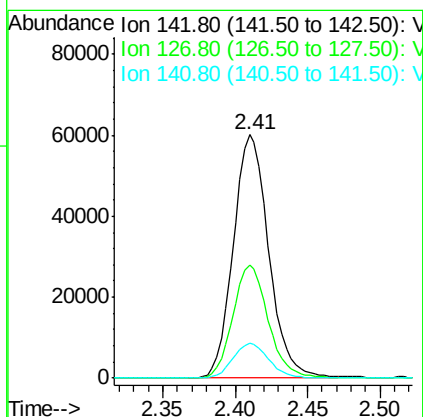
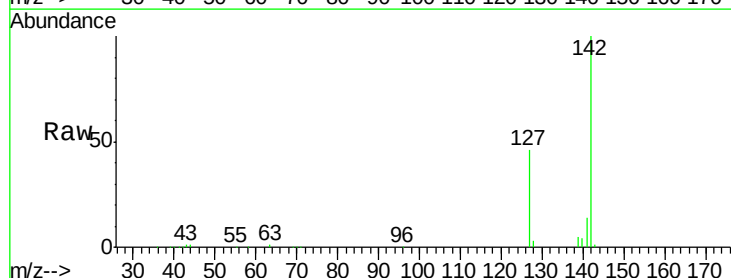
RT: 2.41 min Scan# 566

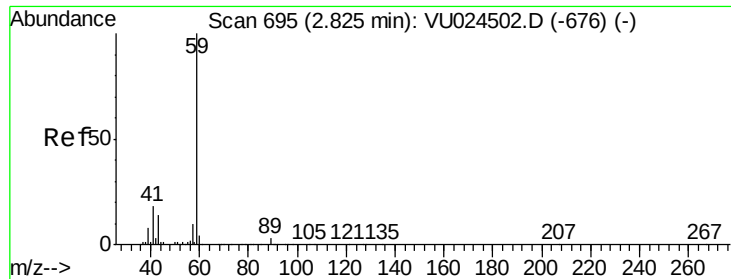
Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Tgt Ion:	142	Resp:	102009
Ion Ratio	Lower	Upper	
142	100		
127	46.2	35.6	53.4
141	14.4	11.7	17.5





#11

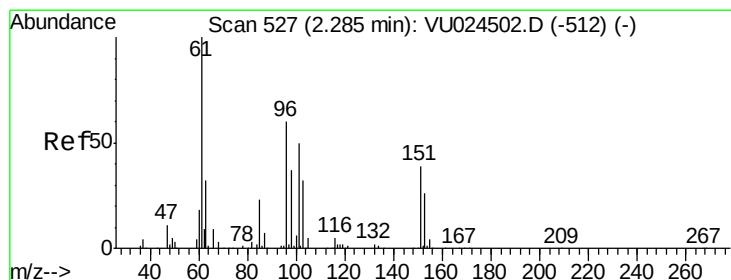
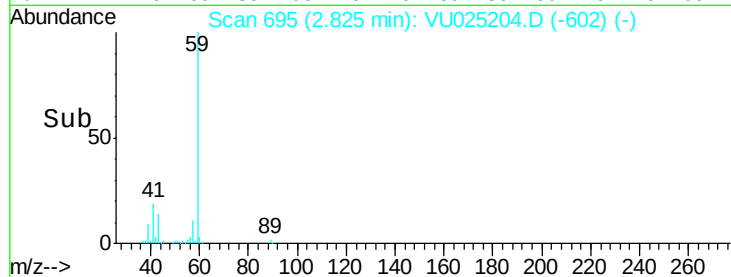
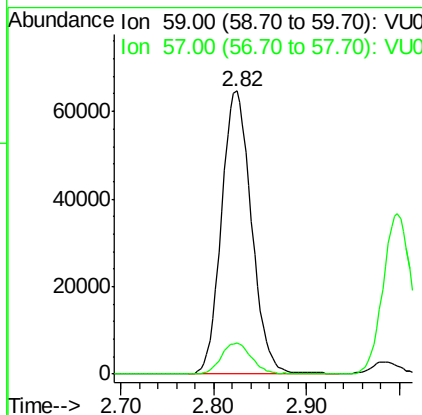
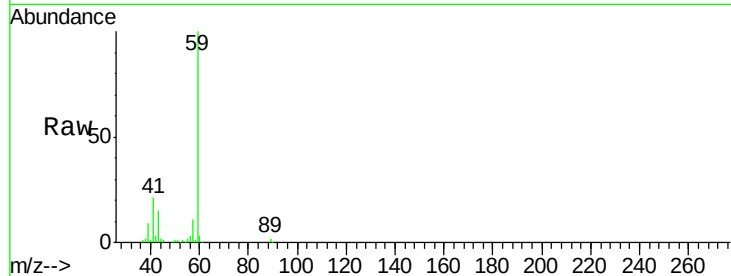
Tert butyl alcohol
 Concen: 214.752 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.5	12.7

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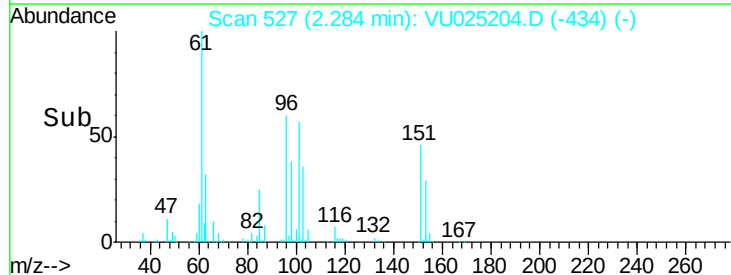
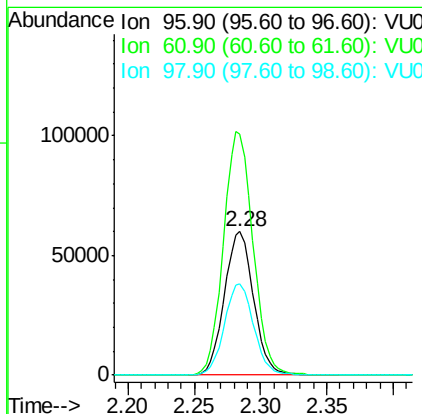
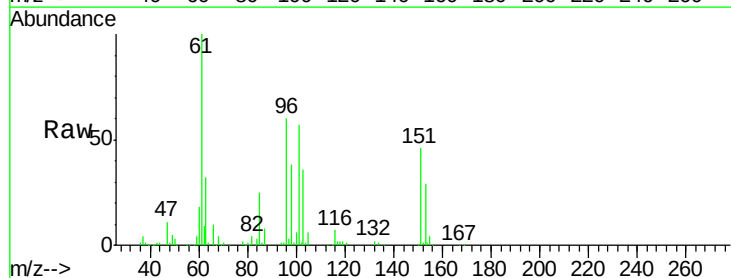
sam
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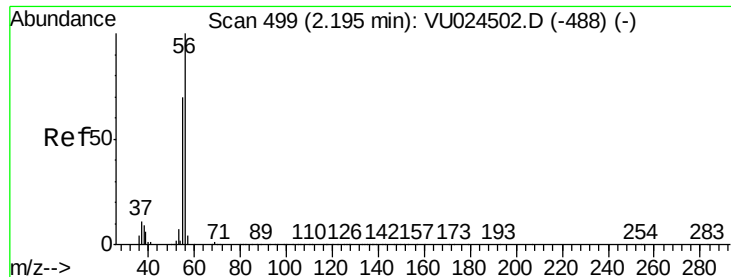


#12

1,1-Dichloroethene
 Concen: 47.473 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.9	141.7	212.5
98	63.4	51.6	77.4





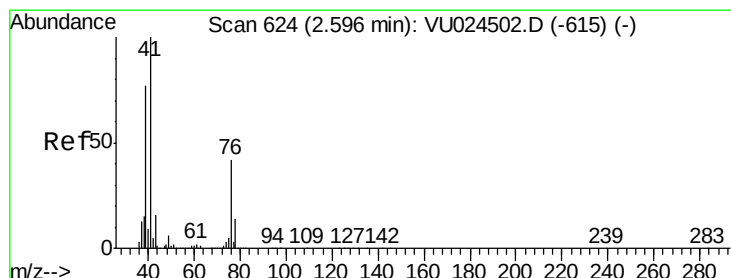
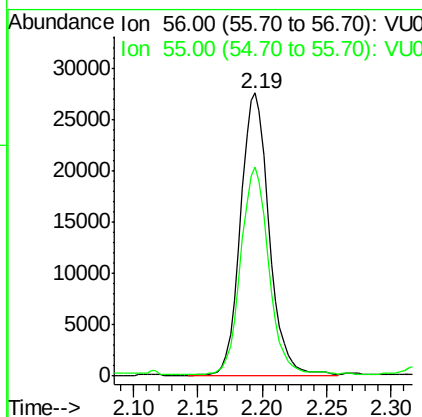
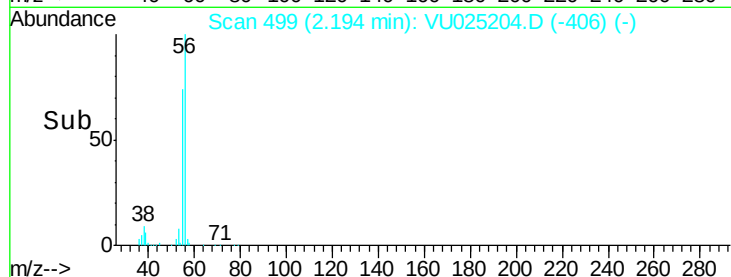
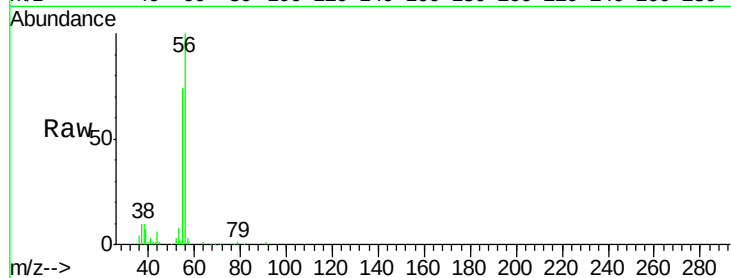
#13
Acrolein
Concen: 120.828 ug/l
RT: 2.19 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.2	58.4	87.6

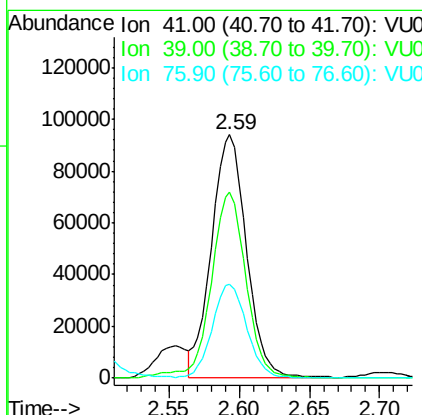
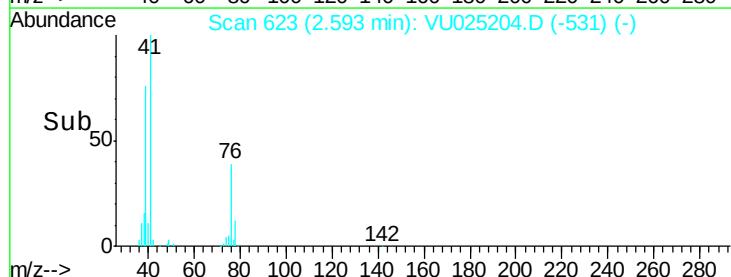
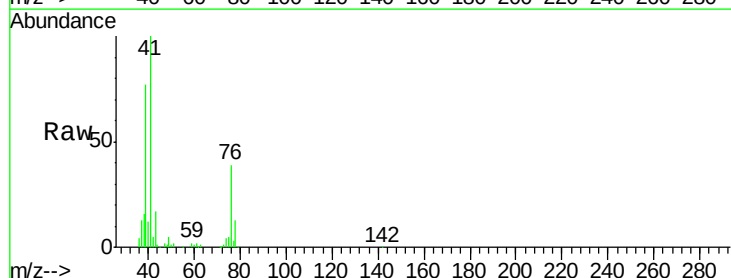
Manual Integrations
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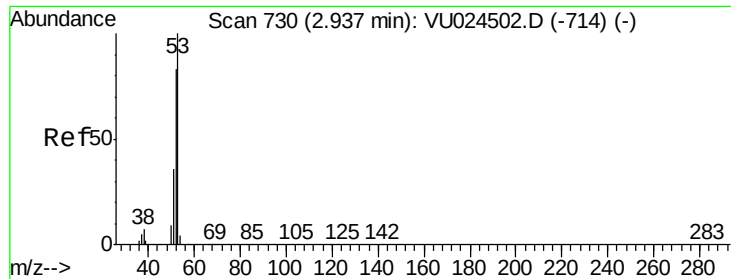
sam
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#14
Allyl chloride
Concen: 44.781 ug/l
RT: 2.59 min Scan# 623
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.5	61.6	92.4
76	38.2	29.7	44.5





#15

Acrylonitrile

Concen: 241.003 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

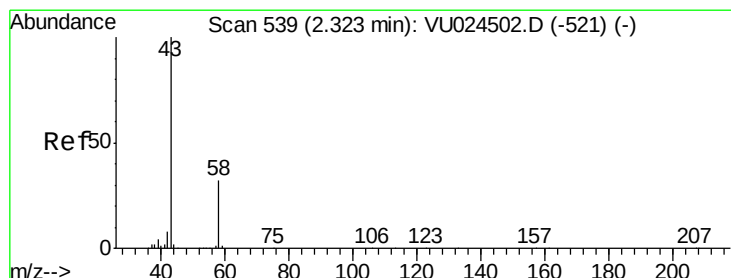
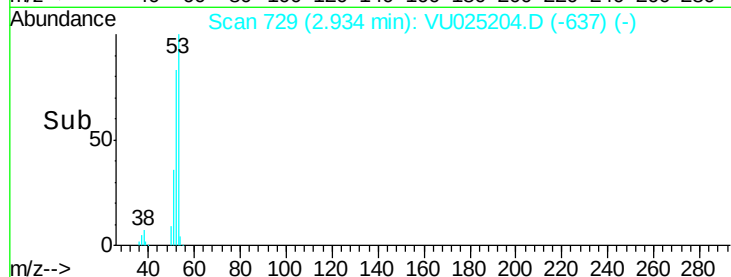
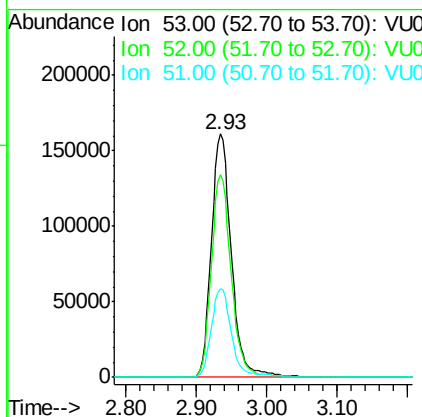
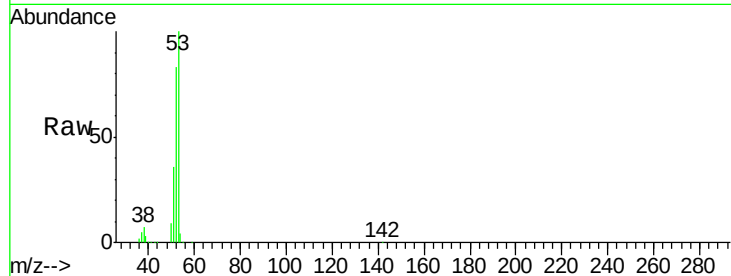
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	317772
Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.1	100.7
51	37.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 257.192 ug/l

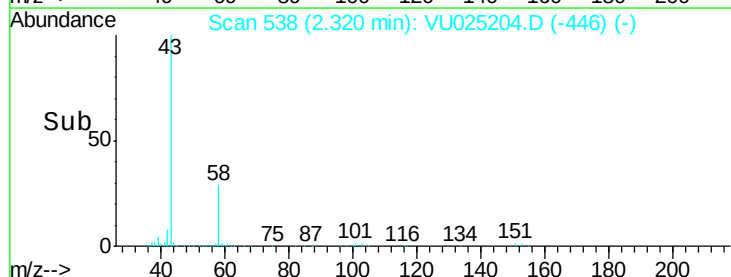
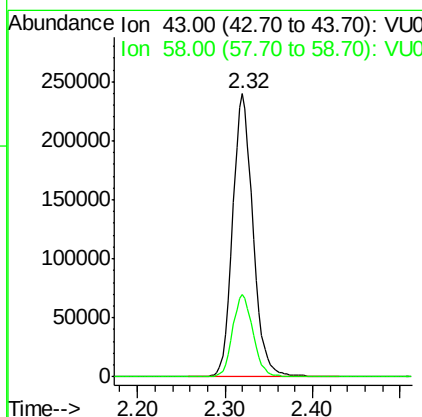
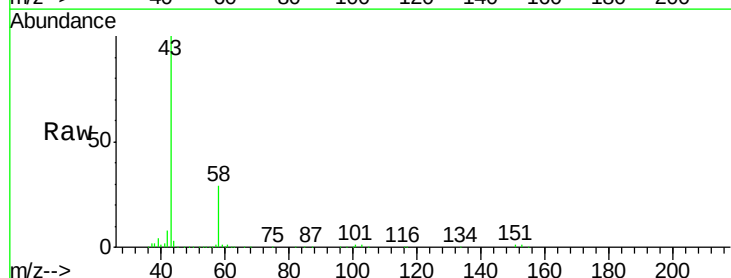
RT: 2.32 min Scan# 538

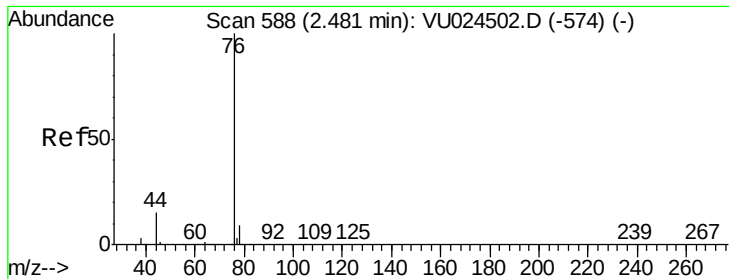
Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Tgt Ion:	43	Resp:	385061
Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.4	36.6





#17

Carbon Disulfide

Concen: 41.197 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 256377

Ion Ratio Lower Upper

76 100

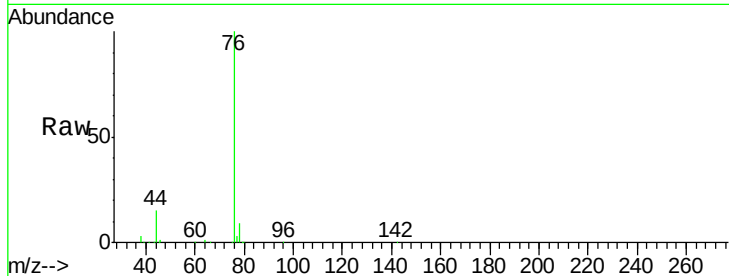
78 9.1 7.1 10.7

Manual Integrations

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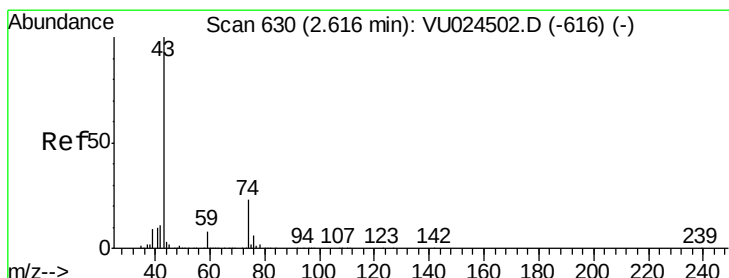
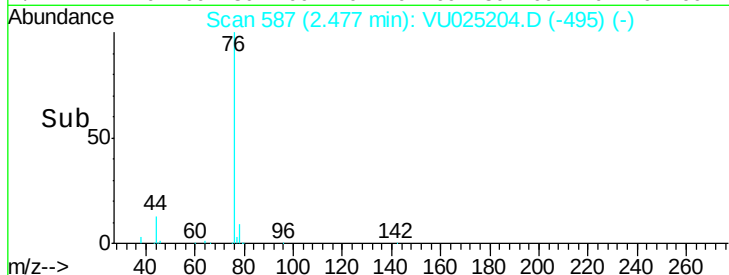
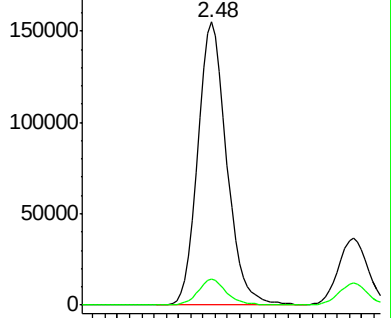
sam

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 60.705 ug/l

RT: 2.61 min Scan# 629

Delta R.T. -0.00 min

Lab File: VU025204.D

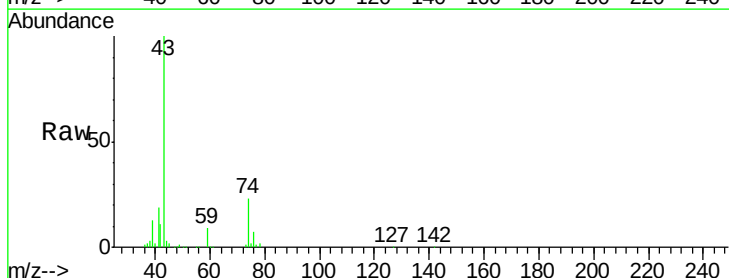
Acq: 05 Jul 2018 10:08

Tgt Ion: 43 Resp: 194841

Ion Ratio Lower Upper

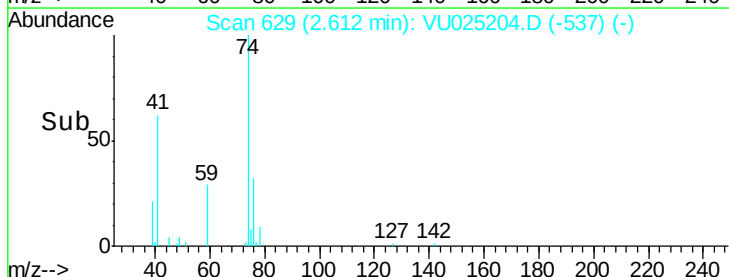
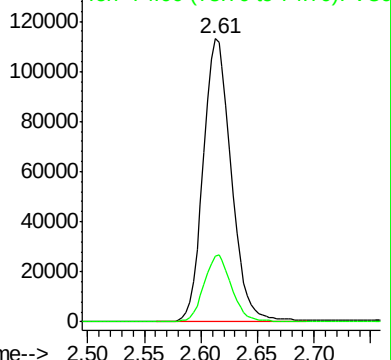
43 100

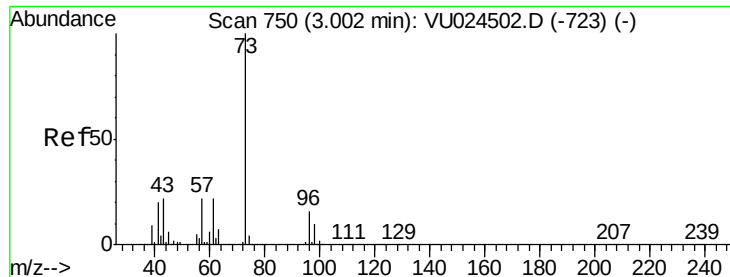
74 23.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





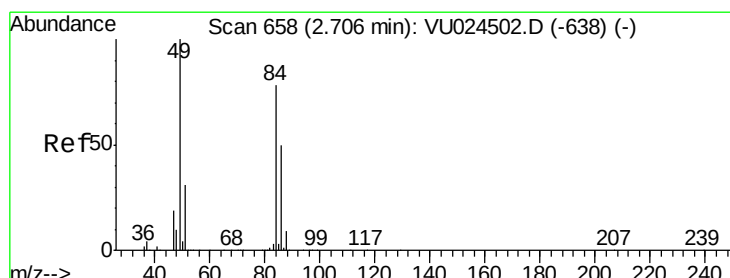
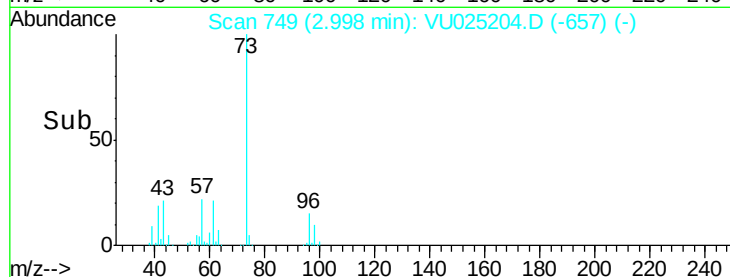
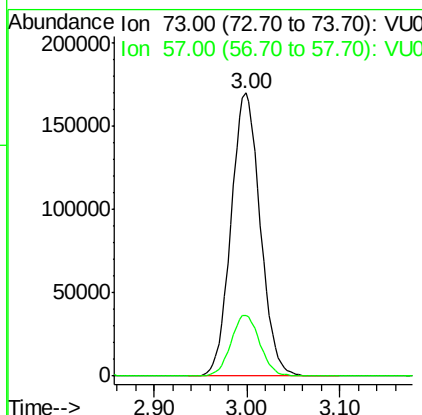
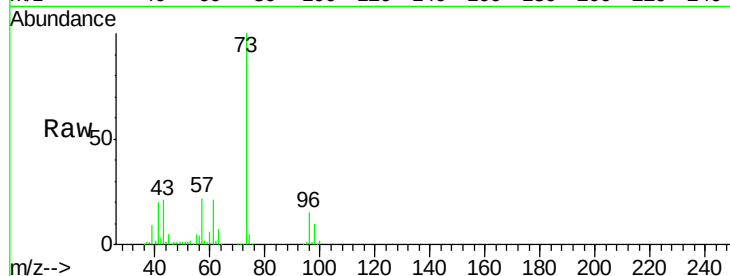
#19
Methyl tert-butyl Ether
Concen: 50.619 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.8	28.2

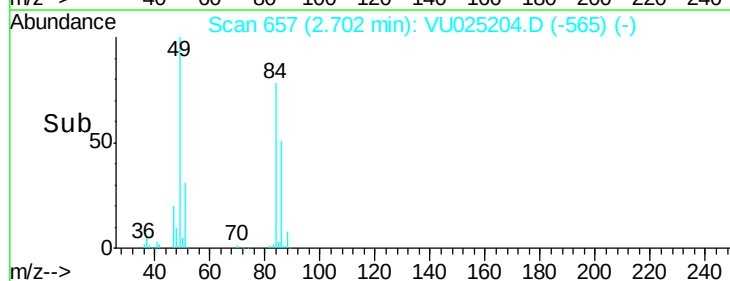
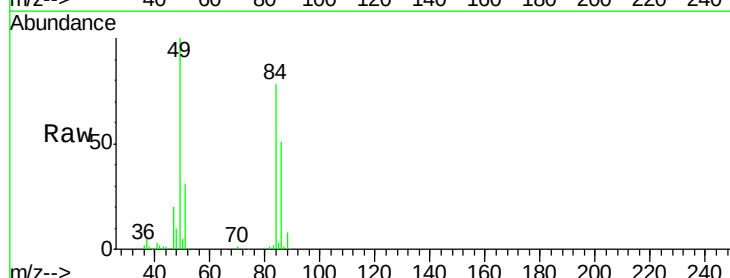
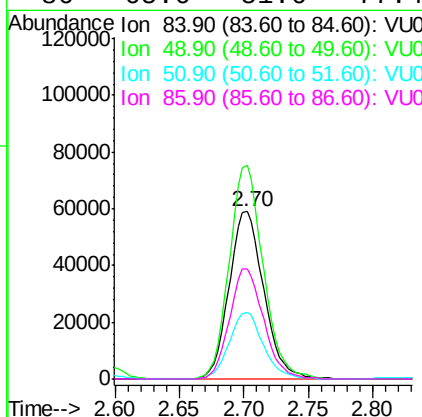
Manual Integrations
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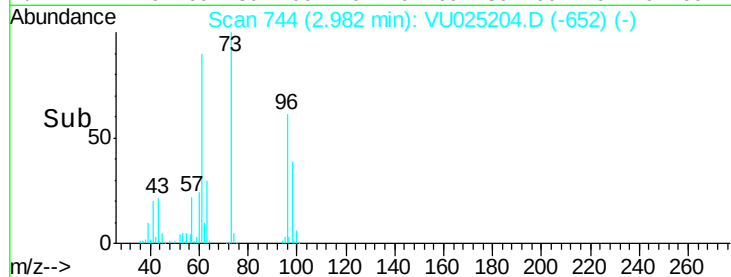
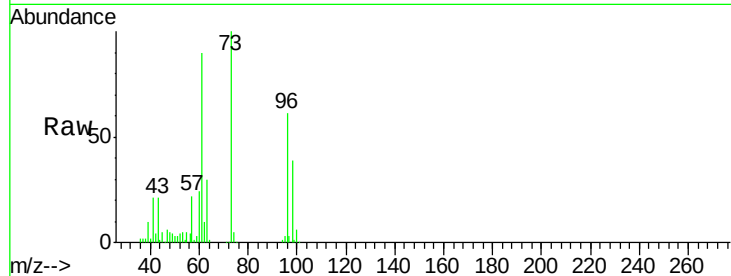
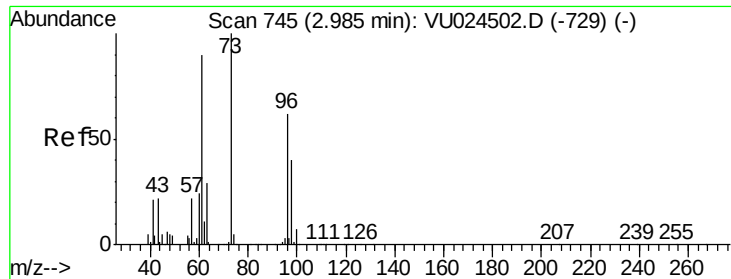
sam
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#20
Methylene Chloride
Concen: 46.994 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.5	103.8	155.8
51	40.1	32.0	48.0
86	65.6	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 47.734 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025204.D

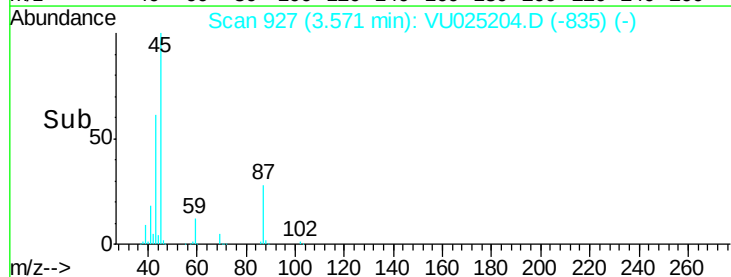
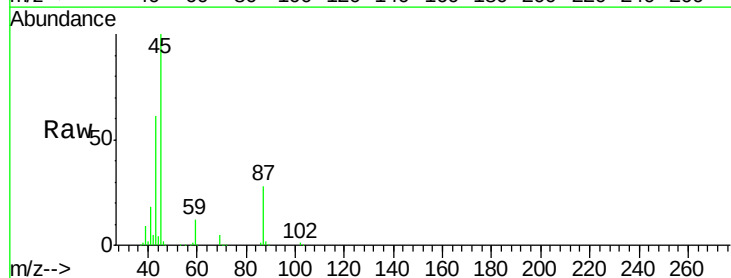
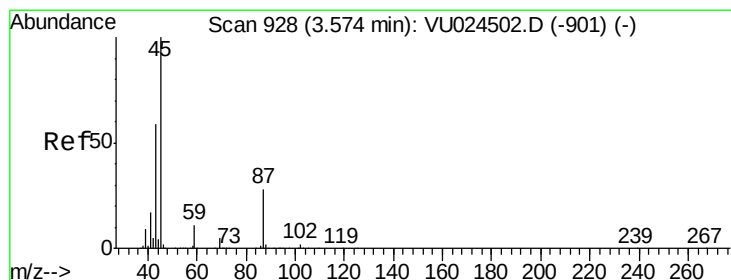
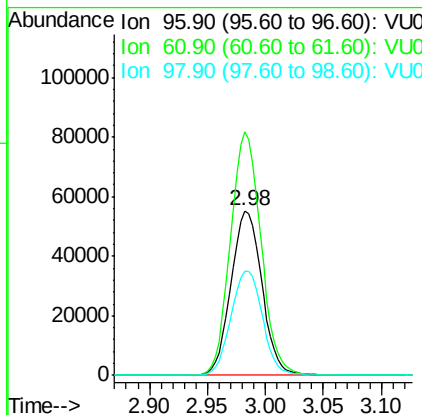
Acq: 05 Jul 2018 10:08

Tot Ion:	96	Resp:	102178
Ion	Ratio	Lower	Upper
96	100		
61	148.0	119.4	179.0
98	63.4	51.1	76.7

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.751 ug/l

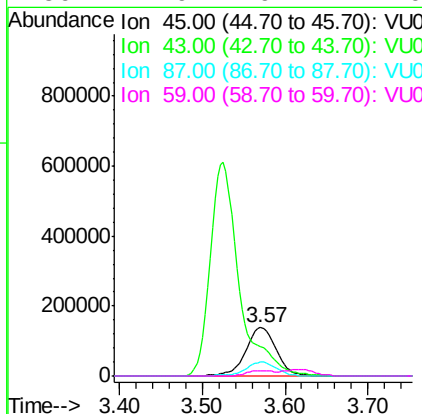
RT: 3.57 min Scan# 927

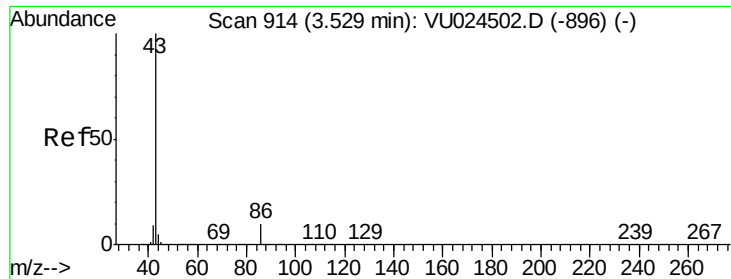
Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Tgt Ion:	45	Resp:	355892
Ion	Ratio	Lower	Upper
45	100		
43	60.3	45.8	68.6
87	28.2	20.6	31.0
59	11.9	9.4	14.0





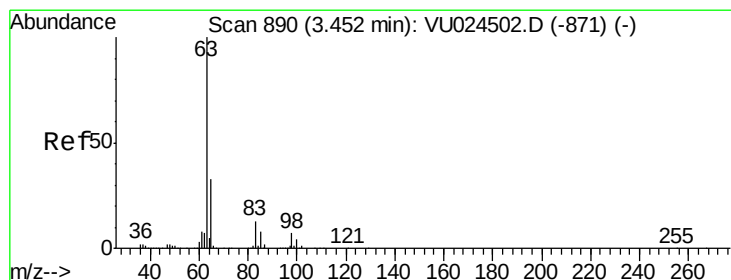
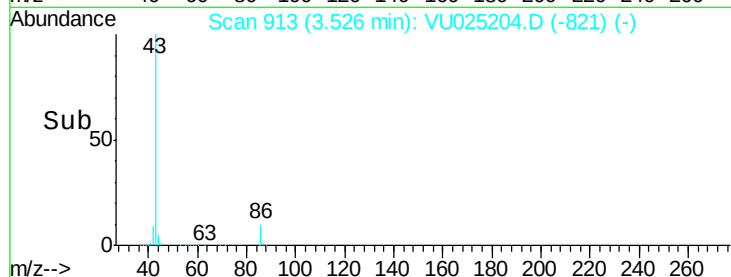
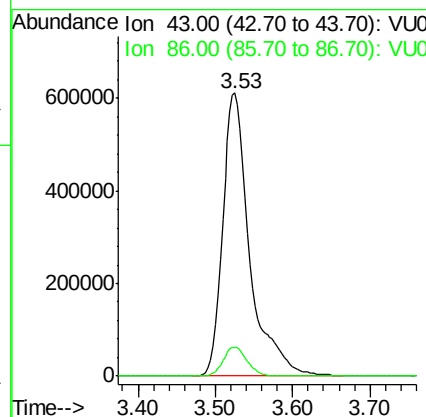
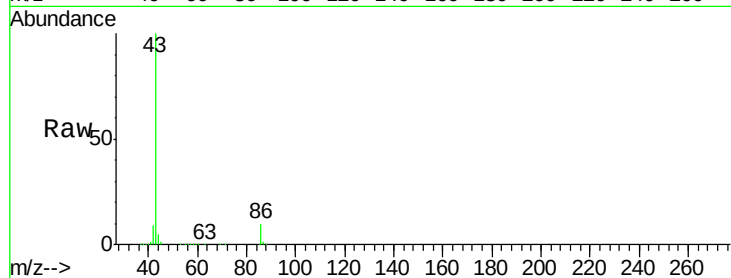
#23
 Vinyl Acetate
 Concen: 232.719 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1491267
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

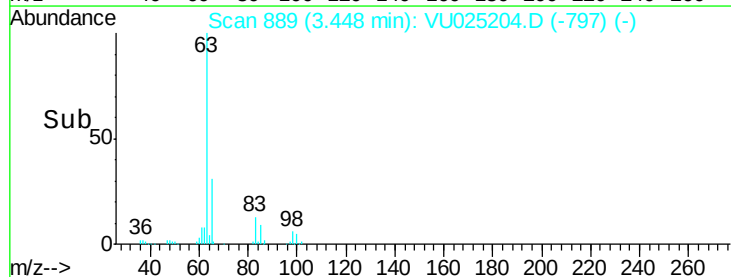
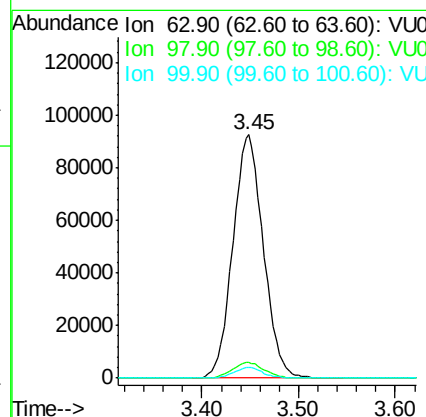
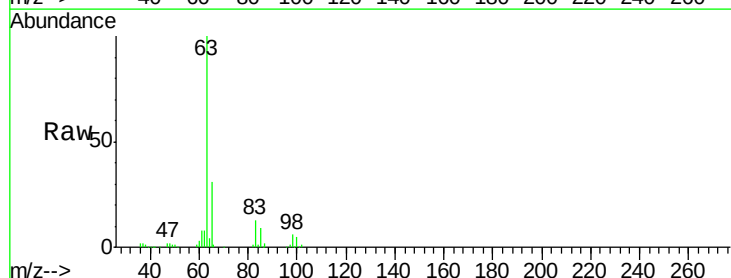
Manual Integrations
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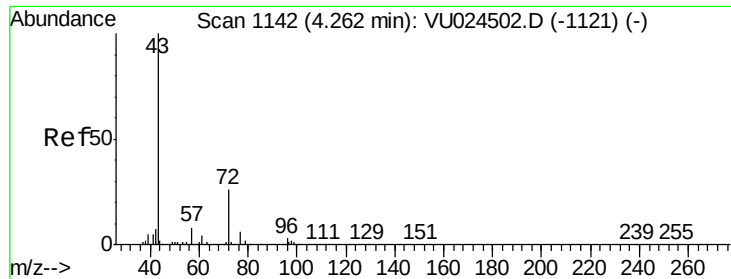
sam
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#24
 1,1-Dichloroethane
 Concen: 49.141 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion: 63 Resp: 202226
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.5 1.8 5.5





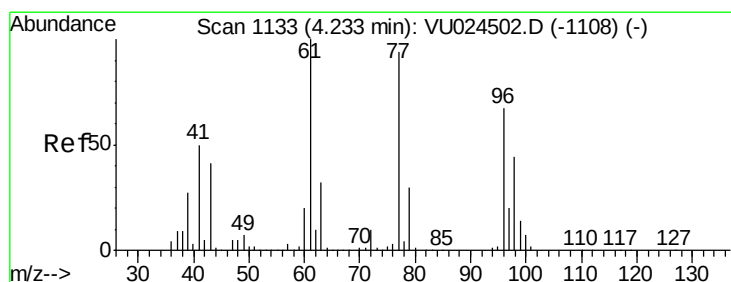
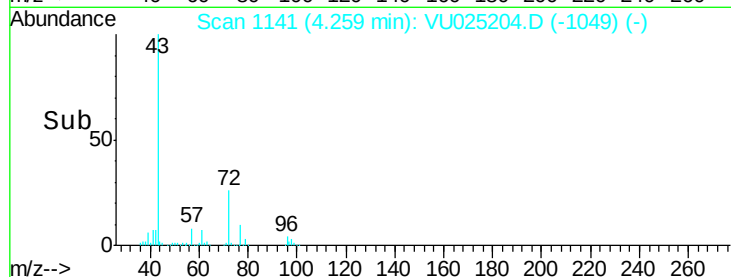
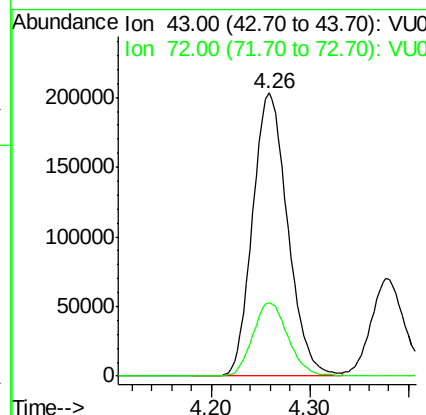
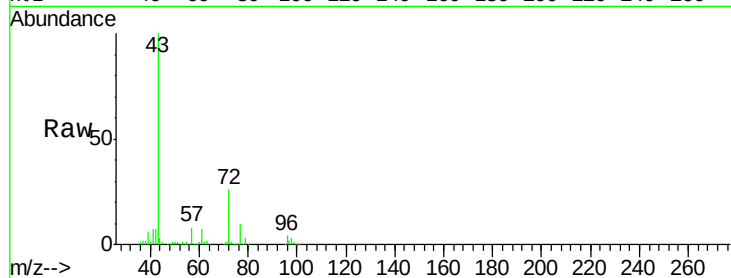
#25
2-Butanone
Concen: 247.215 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 497160
Ion Ratio Lower Upper
43 100
72 26.0 19.6 29.4

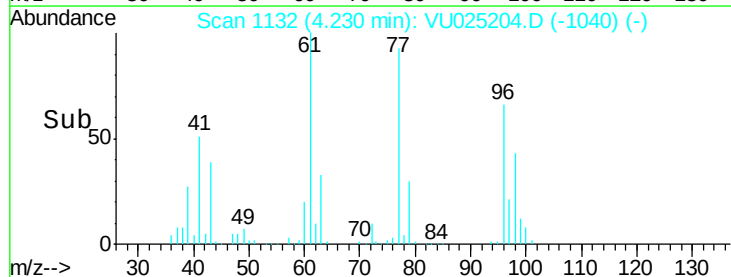
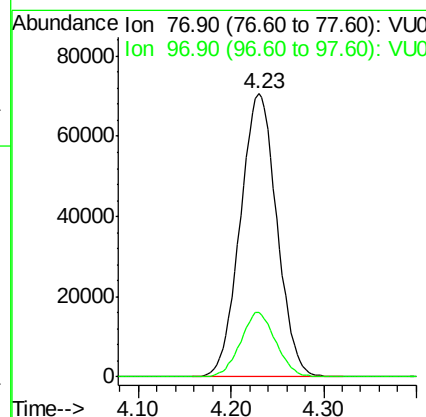
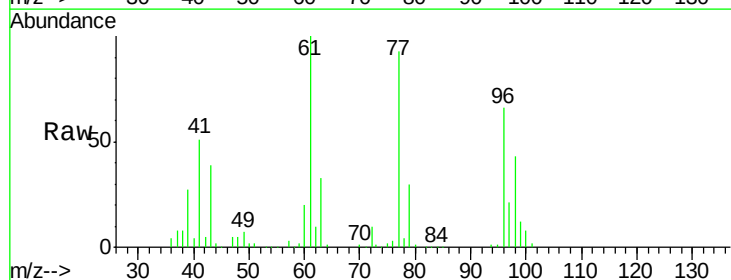
Manual Integrations
APPROVED

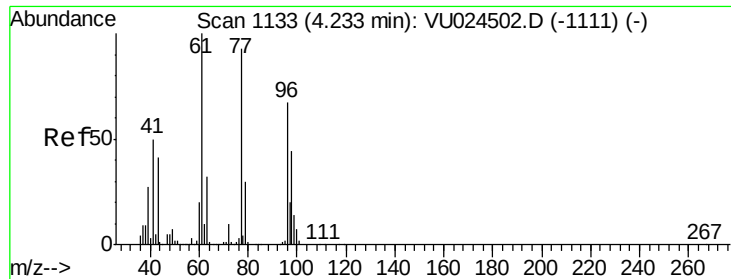
sam
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#26
2,2-Dichloropropane
Concen: 49.505 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion: 77 Resp: 193444
Ion Ratio Lower Upper
77 100
97 21.9 11.3 33.8





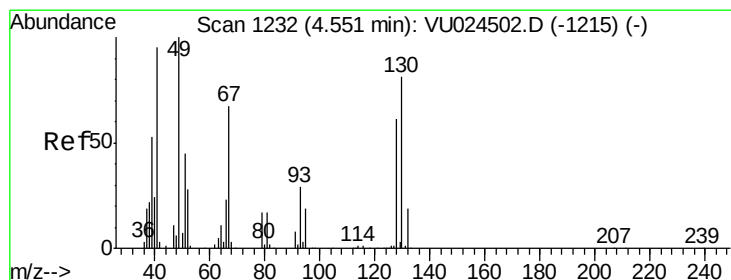
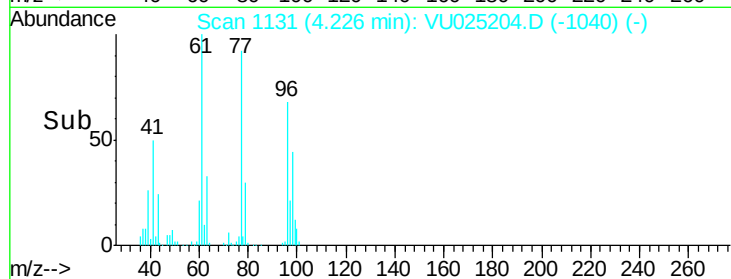
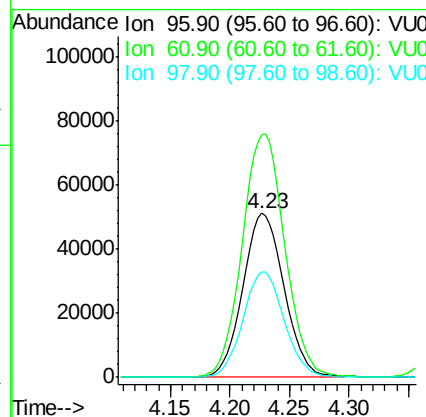
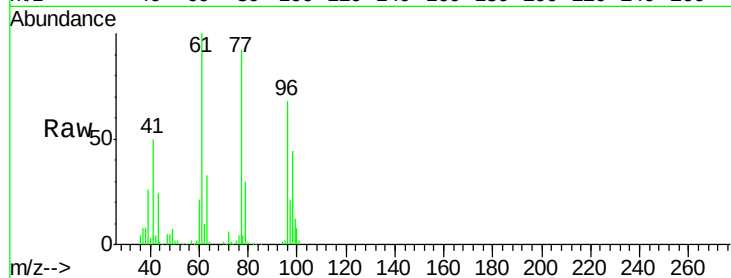
#27
 cis-1,2-Dichloroethene
 Concen: 49.898 ug/l
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	122795		
61	153.6	0.0	306.6	
98	64.4	0.0	128.8	

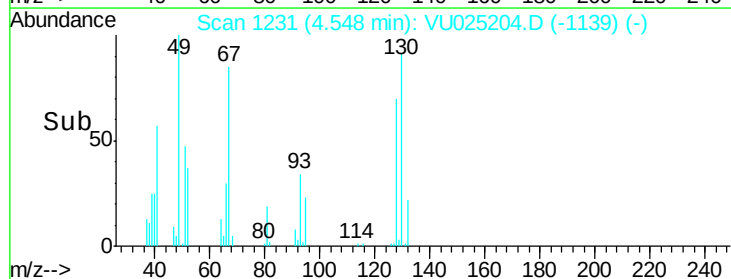
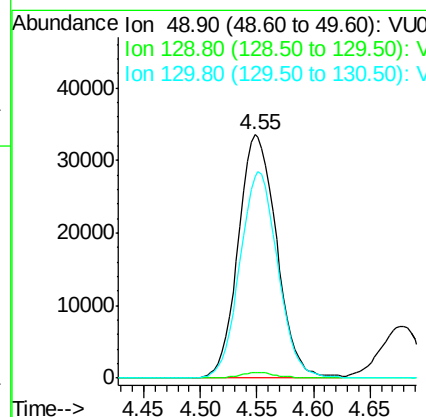
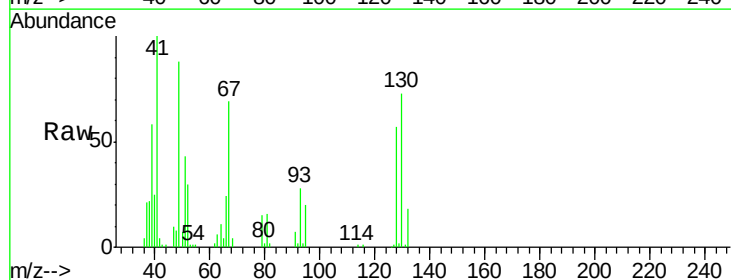
Manual Integrations
 APPROVED

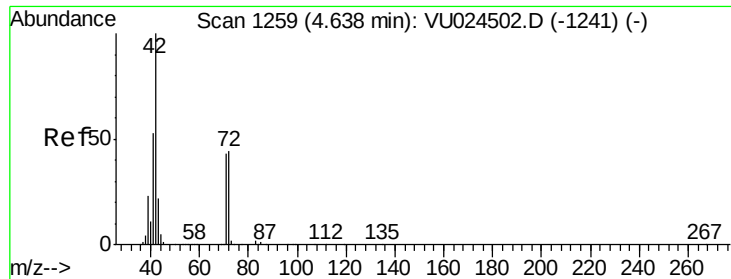
sam
 7/6/2018 4:21:29 PM



#28
 Bromochloromethane
 Concen: 43.727 ug/l
 RT: 4.55 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79260		
129	2.1	0.0	3.8	
130	83.6	57.8	86.6	





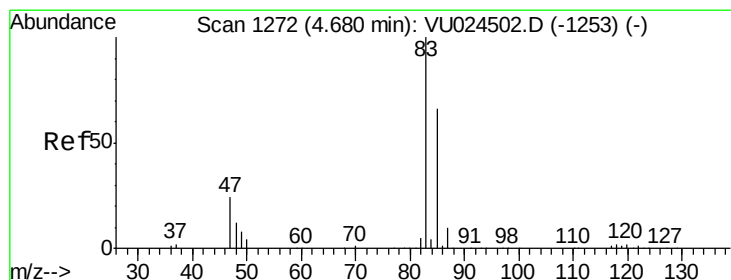
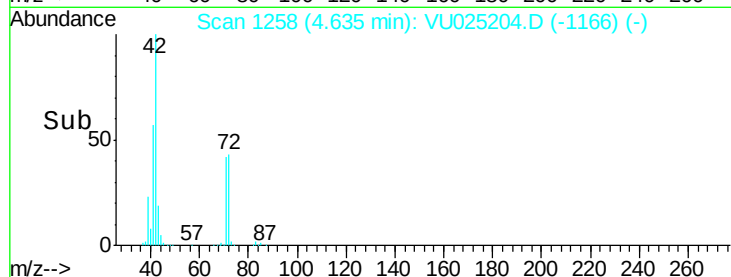
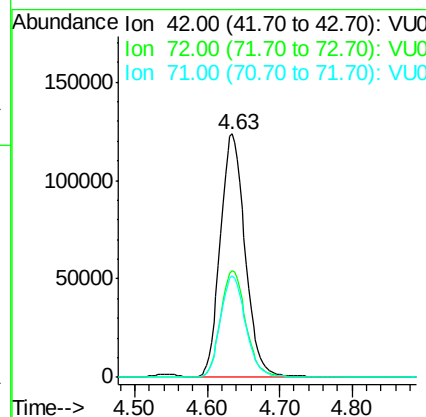
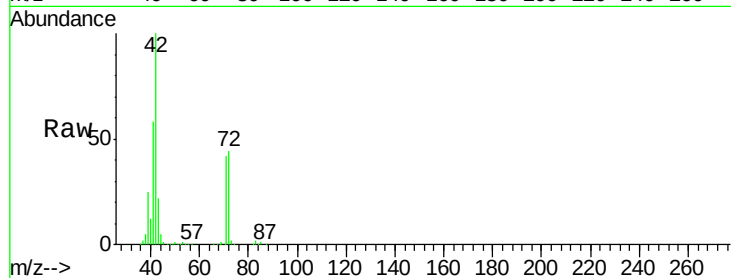
#29
Tetrahydrofuran
Concen: 234.819 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.5	51.7
71	42.3	32.2	48.4

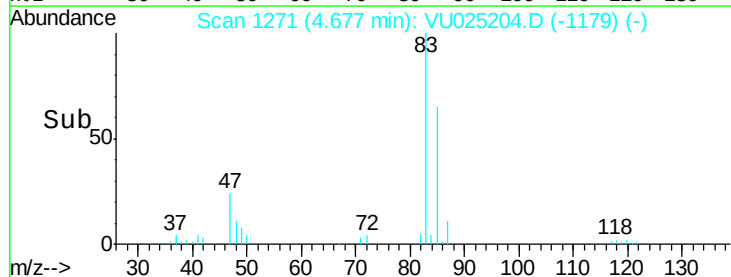
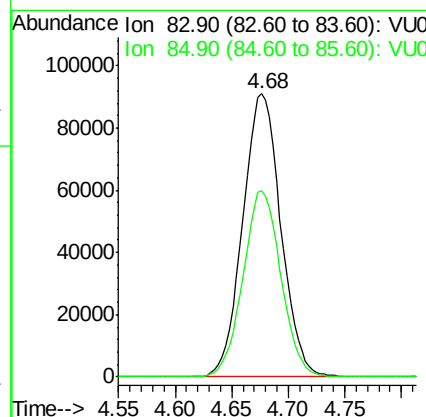
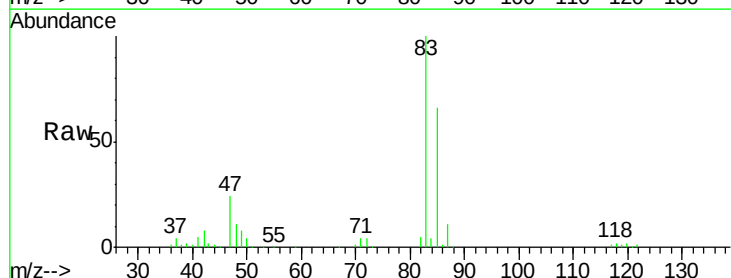
Manual Integrations
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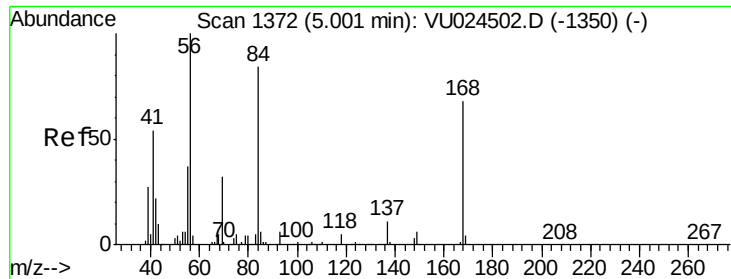
sam
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#30
Chloroform
Concen: 51.176 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.4	78.6





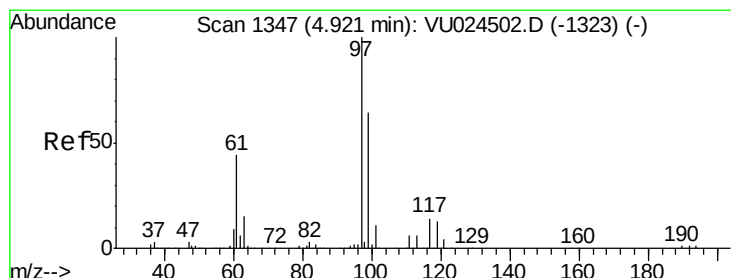
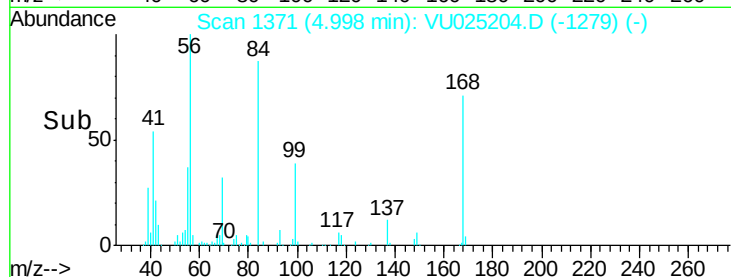
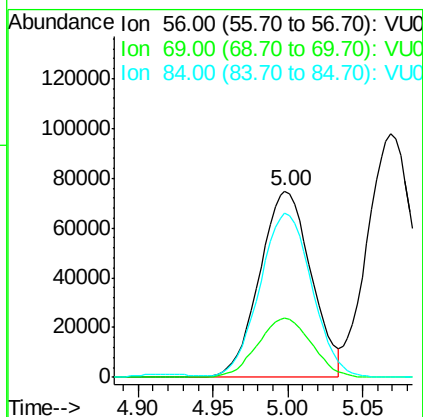
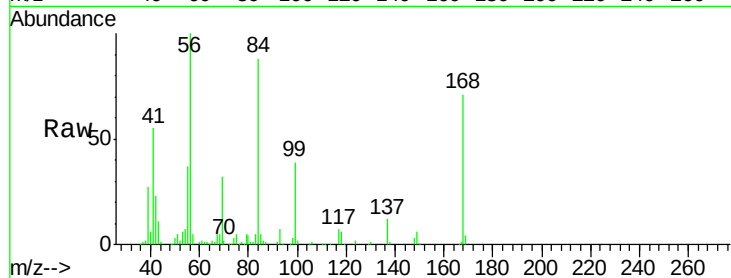
#31
Cyclohexane
Concen: 49.036 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.8	37.2
84	86.8	65.2	97.8

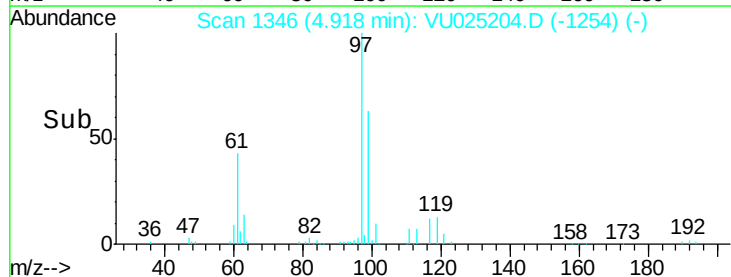
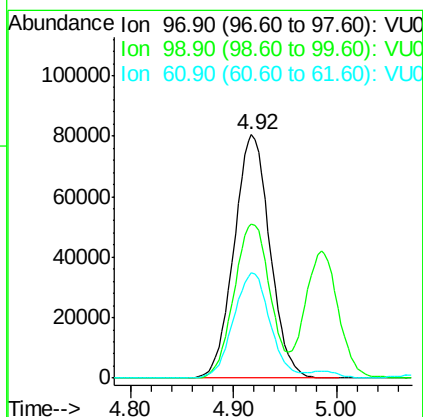
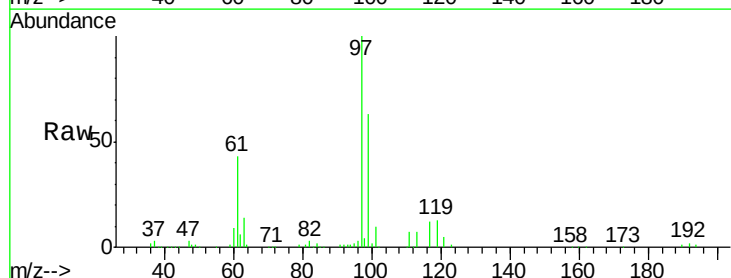
Manual Integrations
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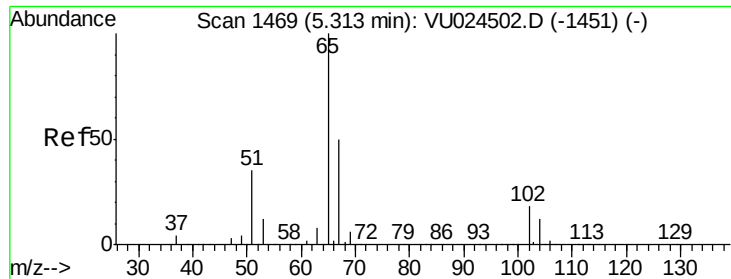
Sam
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#32
1,1,1-Trichloroethane
Concen: 50.497 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.6
61	44.1	39.4	59.0





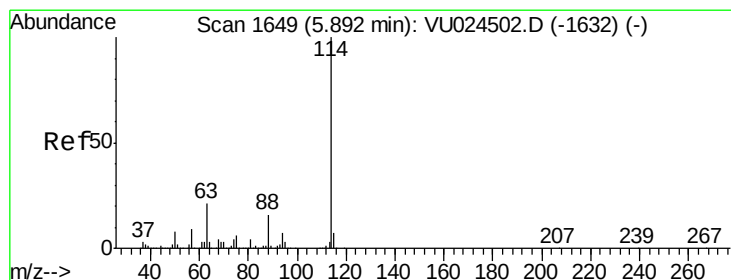
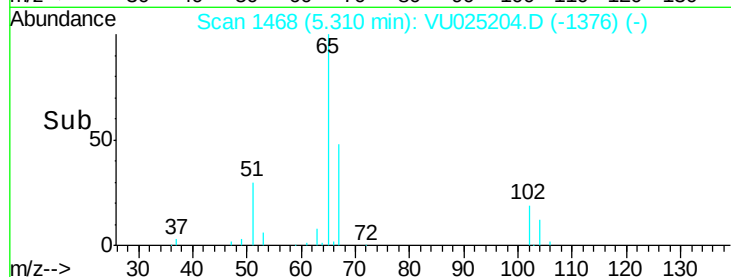
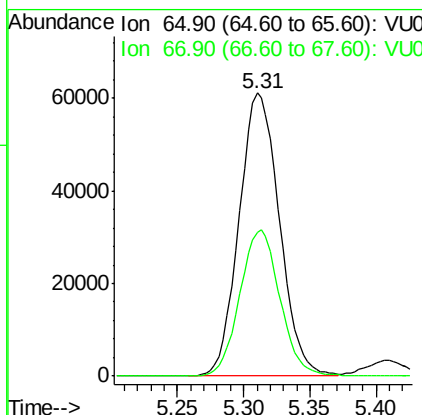
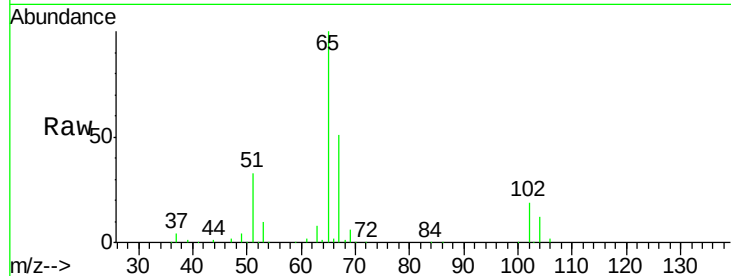
#33
 1,2-Dichloroethane-d4
 Concen: 46.559 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	129735		
67	51.2	0.0	107.0	

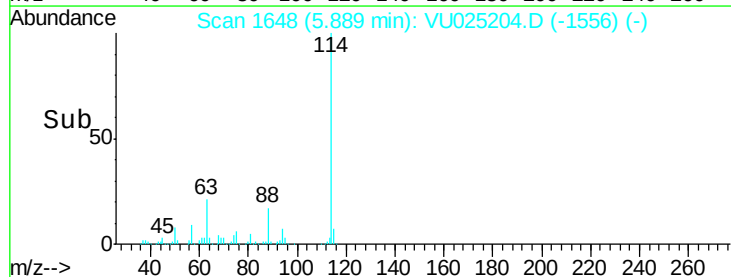
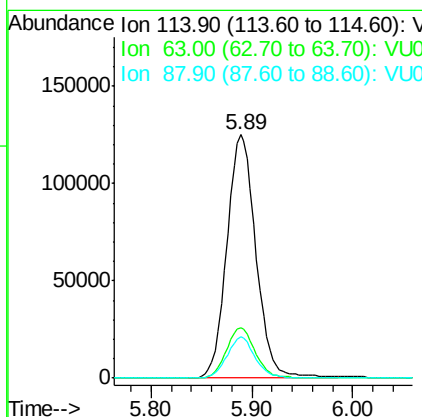
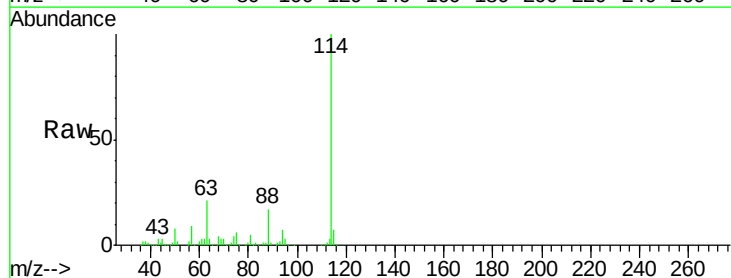
Manual Integrations
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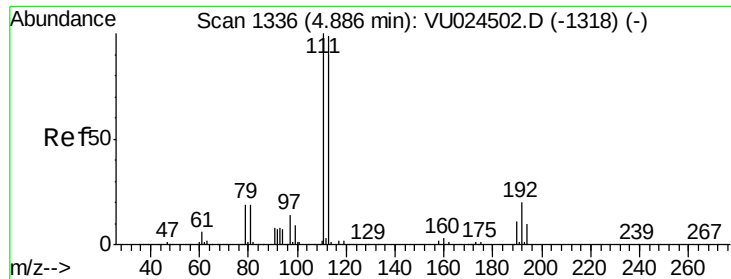
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	251445		
63	20.9	0.0	45.4	
88	16.9	0.0	31.0	





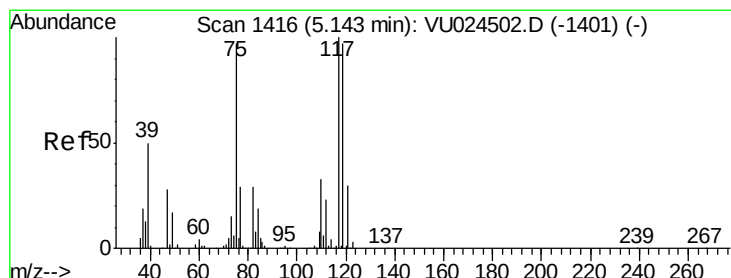
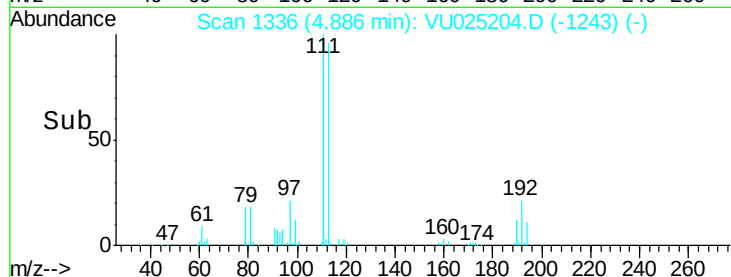
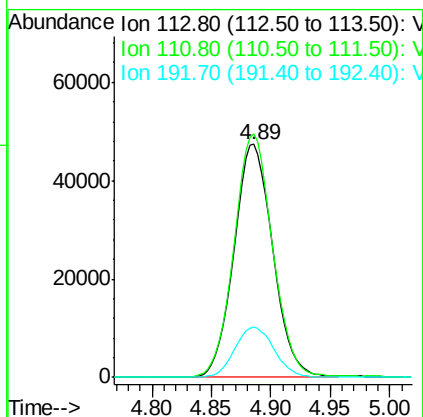
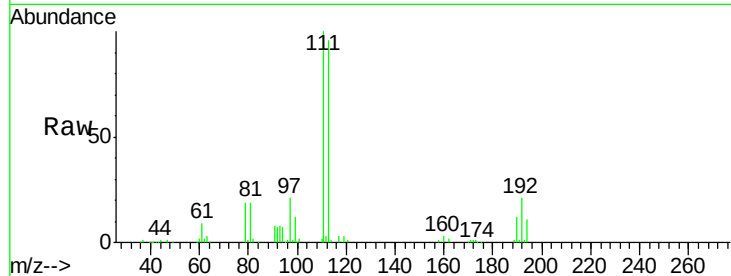
#35
 Dibromofluoromethane
 Concen: 51.323 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107101		
111	103.9	82.2	123.4	
192	21.7	16.2	24.4	

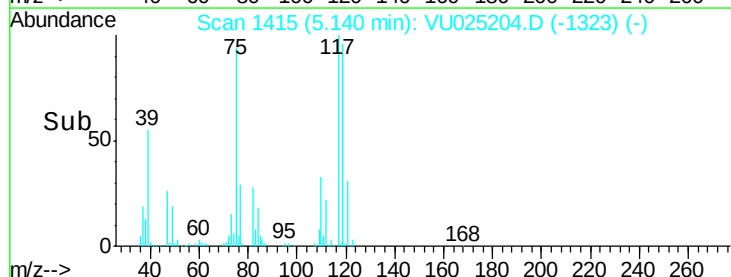
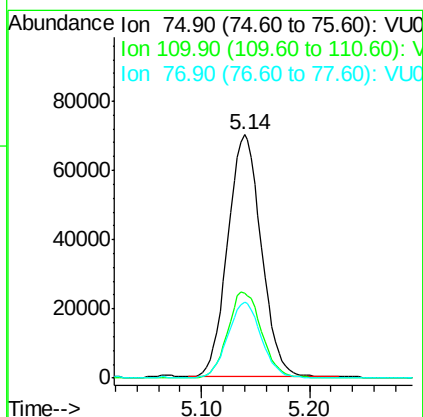
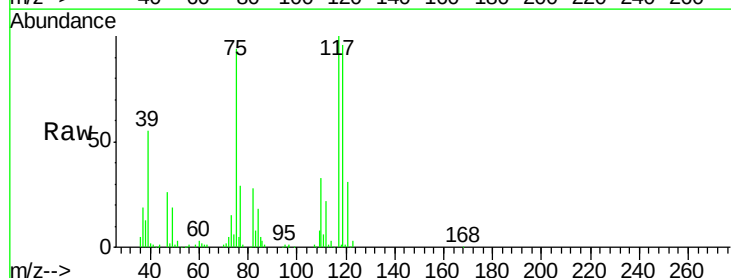
Manual Integrations
 APPROVED

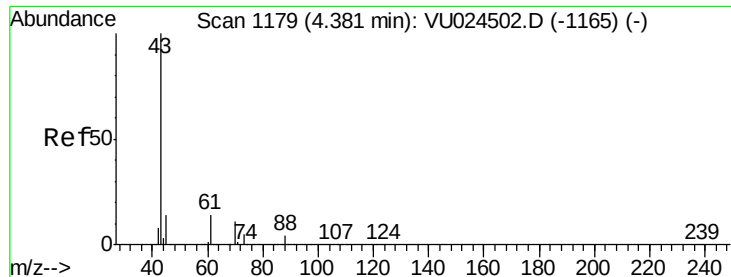
sam
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#36
 1,1-Dichloropropene
 Concen: 51.462 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	152053		
110	36.0	17.0	50.9	
77	30.8	24.2	36.4	





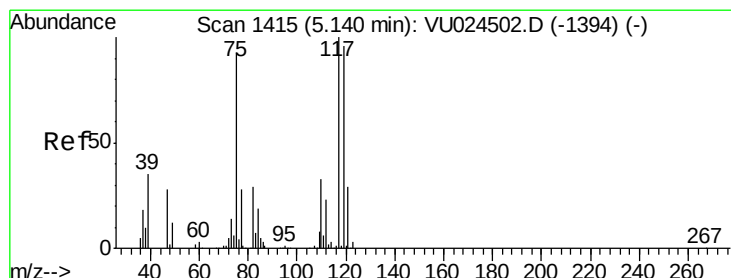
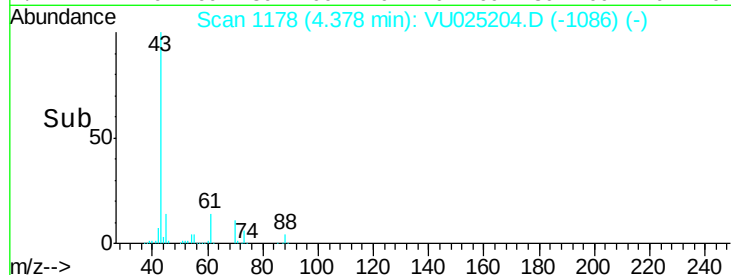
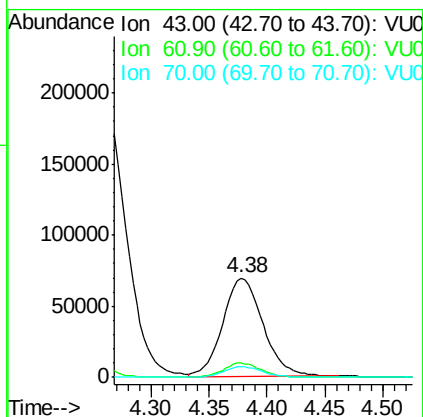
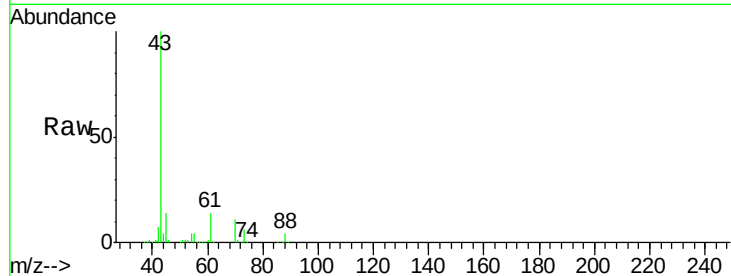
#37
Ethyl Acetate
Concen: 52.075 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.5	15.7
70	10.5	7.4	11.2

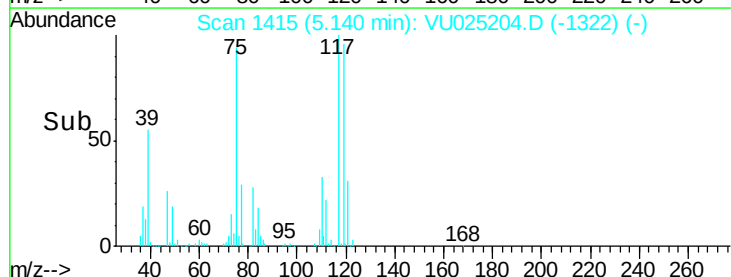
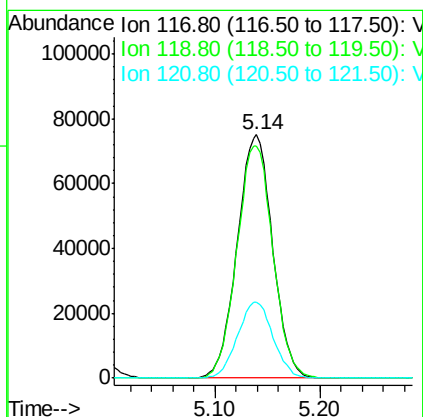
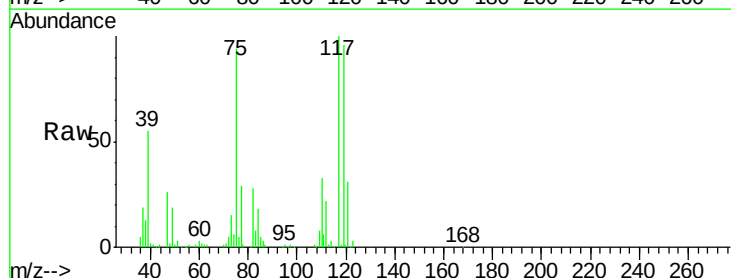
Manual Integrations
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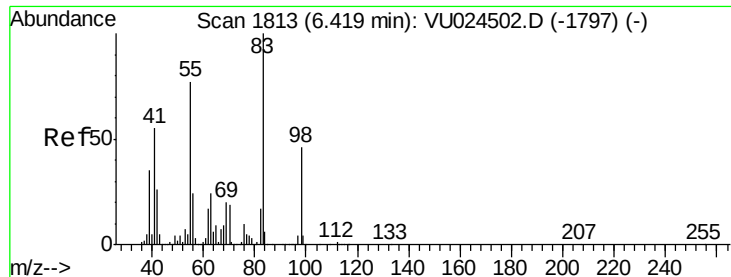
sam
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#38
Carbon Tetrachloride
Concen: 53.766 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.1	114.1
121	31.4	23.7	35.5





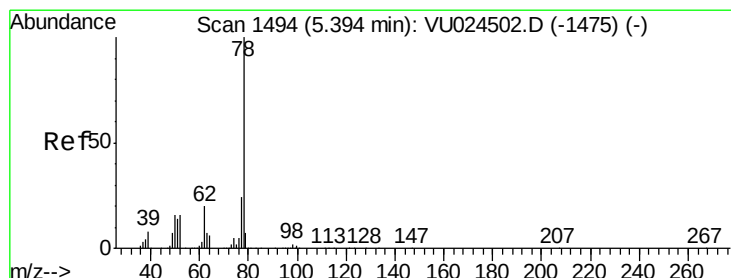
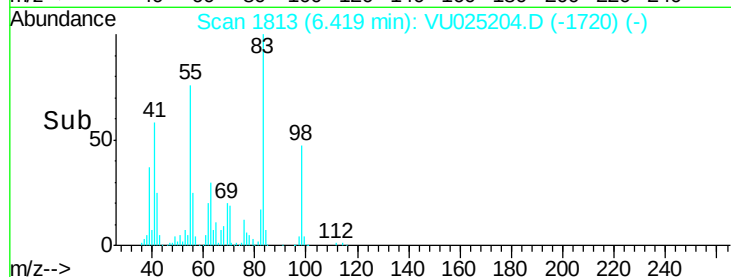
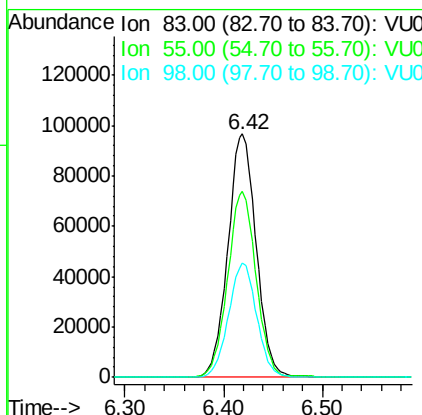
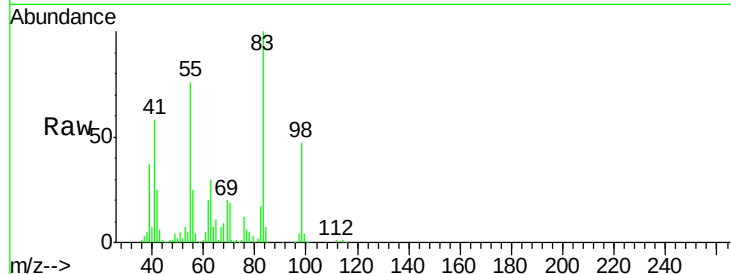
#39
Methylvlcyclohexane
Concen: 52.642 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	65.8	98.6
98	46.7	36.7	55.1

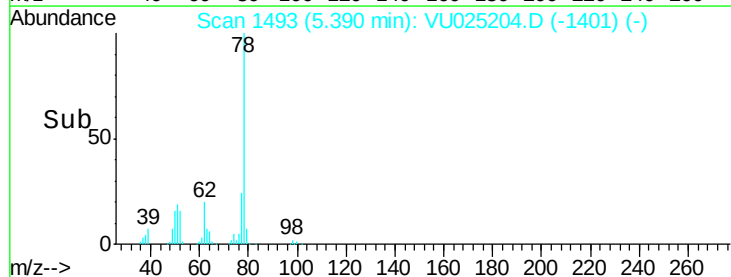
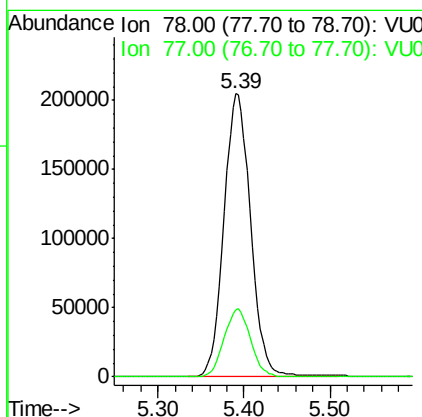
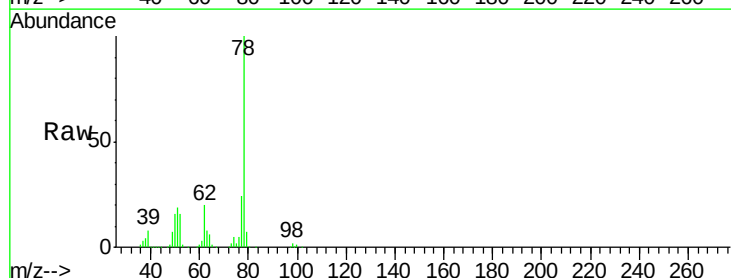
Manual Integrations
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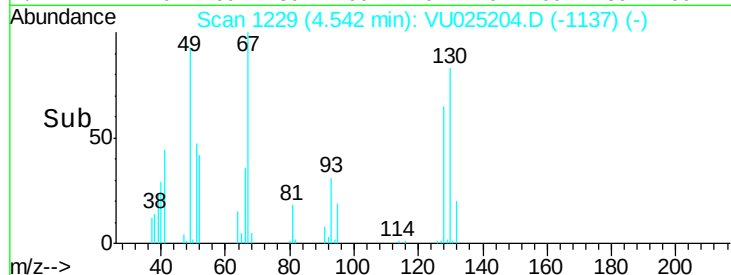
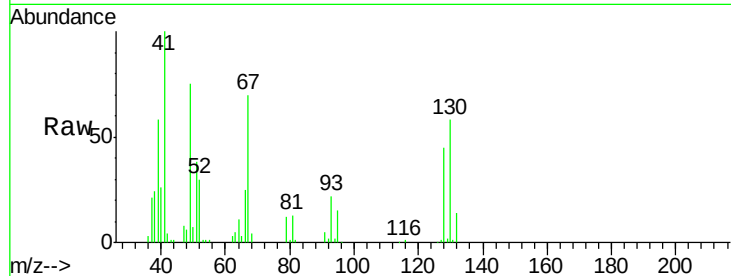
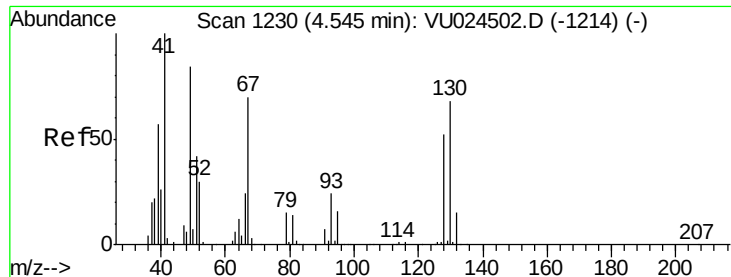
sam
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#40
Benzene
Concen: 52.564 ug/l
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





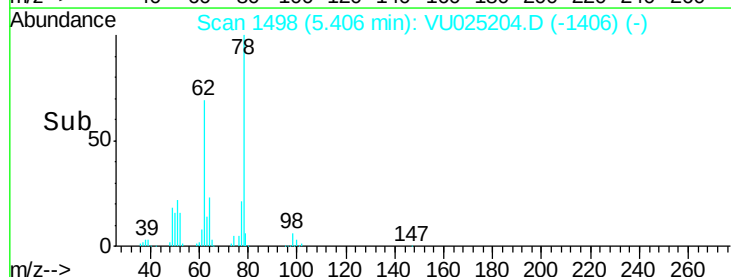
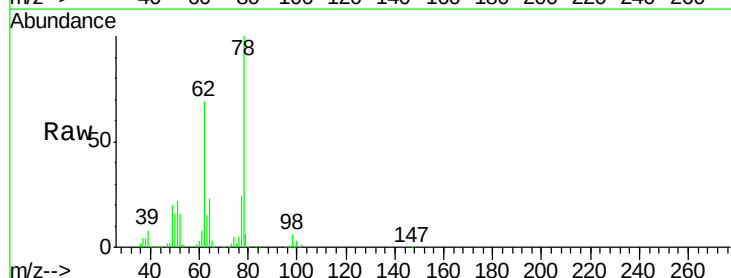
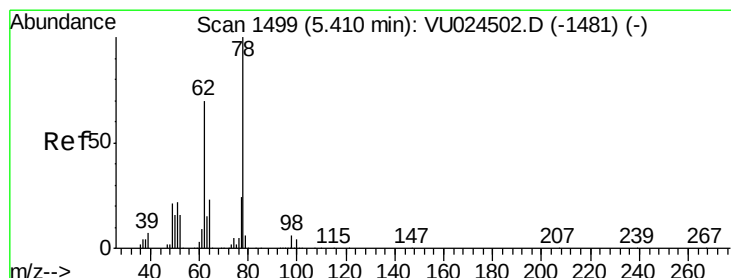
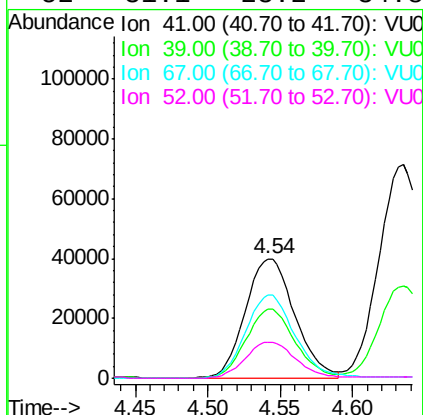
#41
Methacrylonitrile
Concen: 54.656 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	57.7	43.8	65.6
67	67	69.8	56.3	84.5
52	52	31.1	23.2	34.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

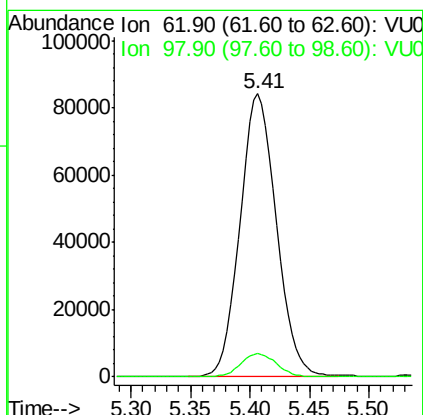
Manual Integrations
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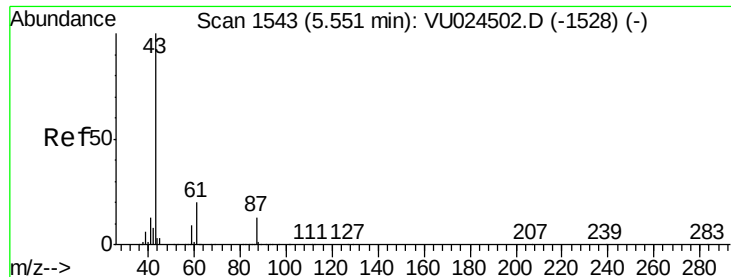
Sam
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#42
1,2-Dichloroethane
Concen: 55.646 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

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





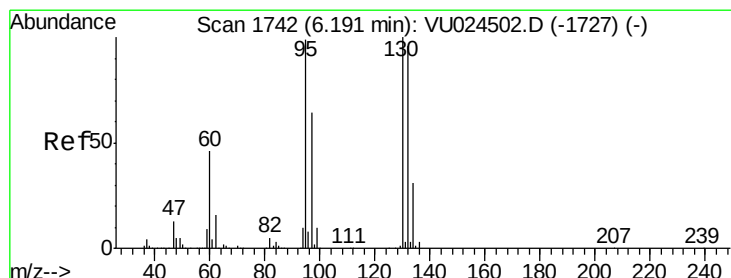
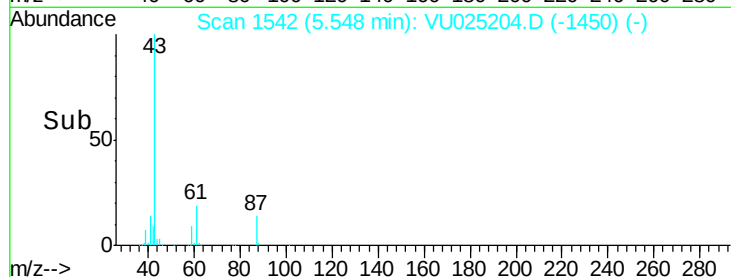
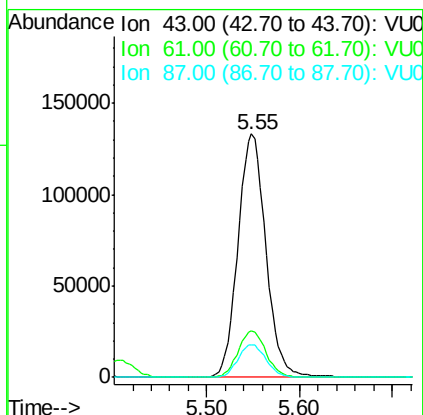
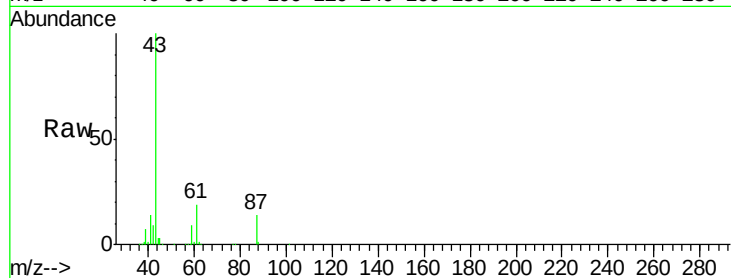
#43
Isopropyl Acetate
Concen: 49.772 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	13.5	10.0	15.0

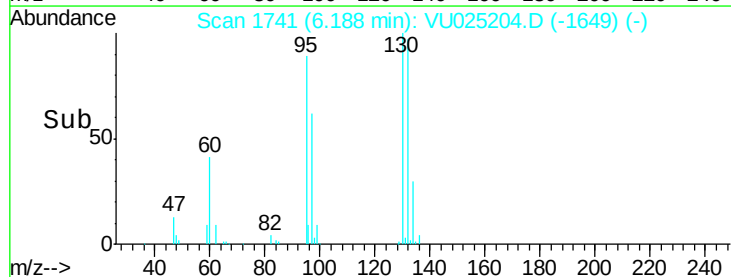
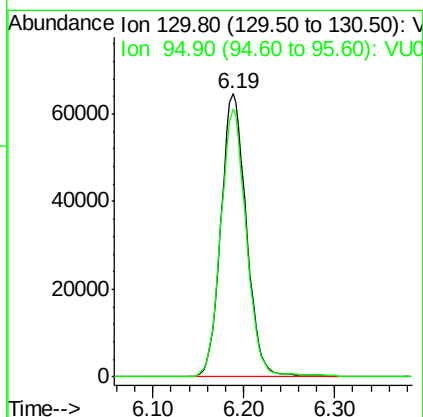
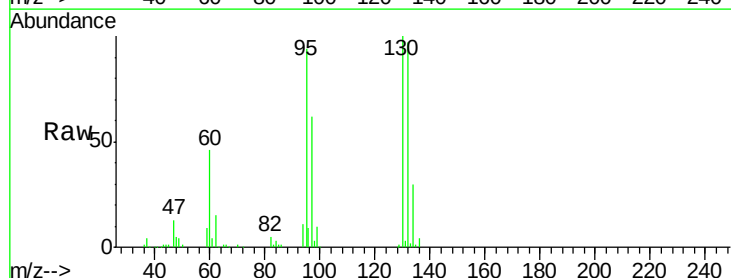
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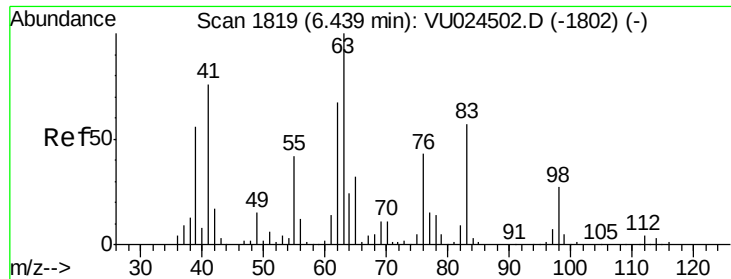
sam
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#44
Trichloroethene
Concen: 52.369 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	202.4





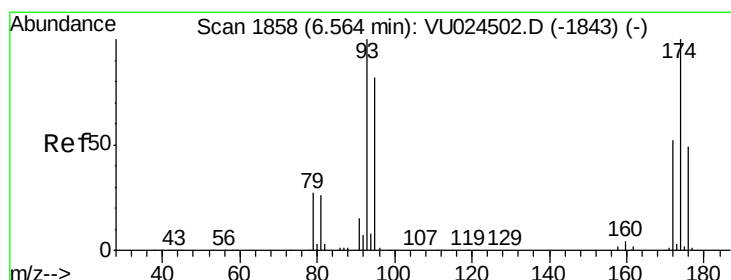
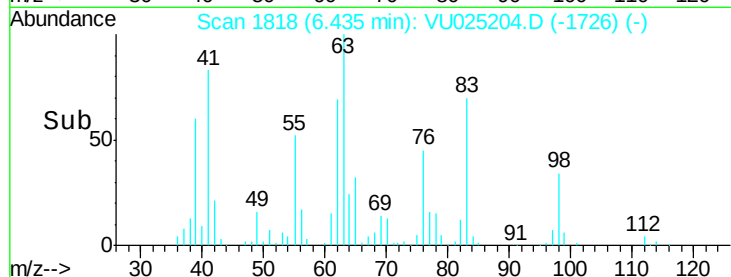
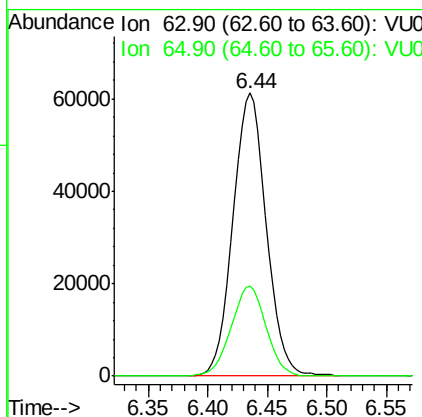
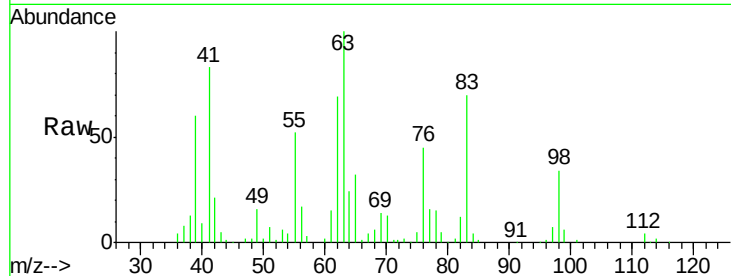
#45
 1,2-Dichloropropane
 Concen: 52.912 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 118863
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.8 37.2

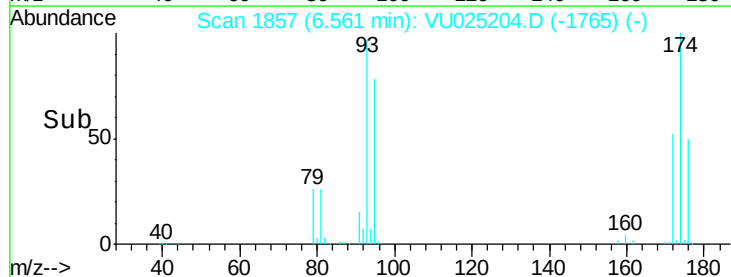
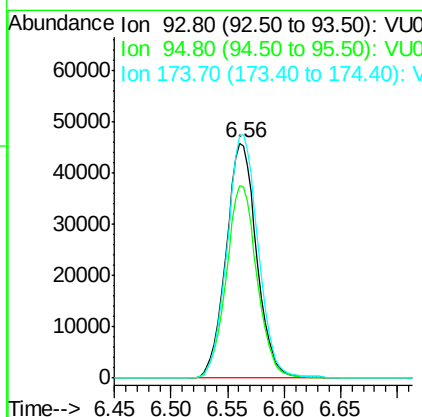
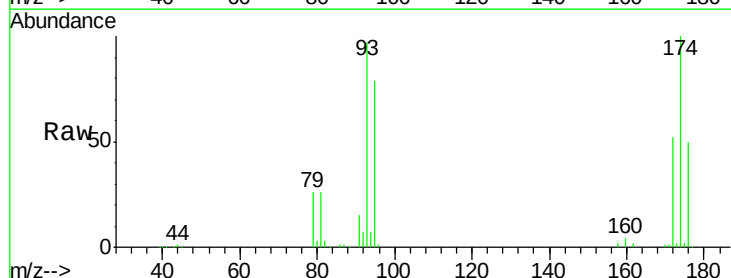
Manual Integrations
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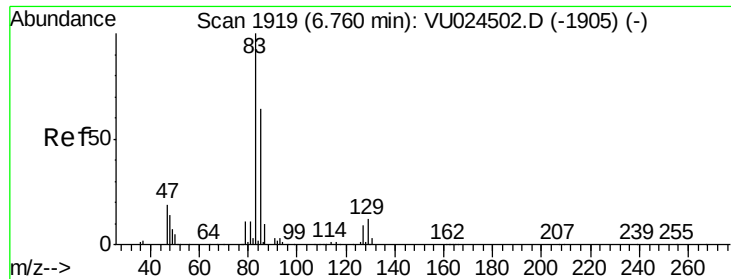
sam
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#46
 Dibromomethane
 Concen: 54.647 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion: 93 Resp: 86229
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.5 98.3
 174 105.5 78.7 118.1





#47

Bromodichloromethane

Concen: 52.807 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

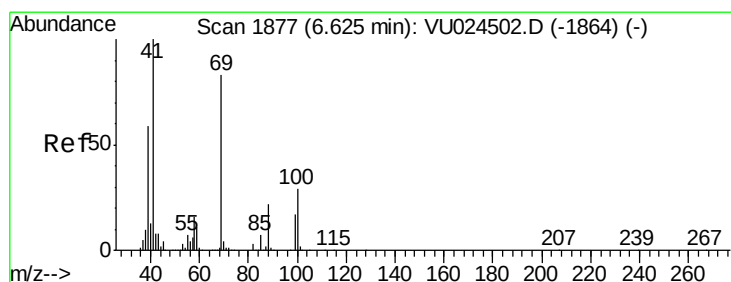
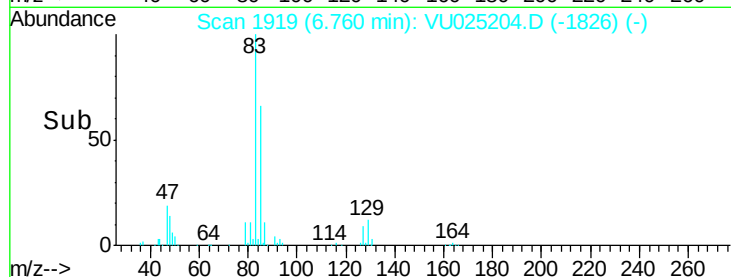
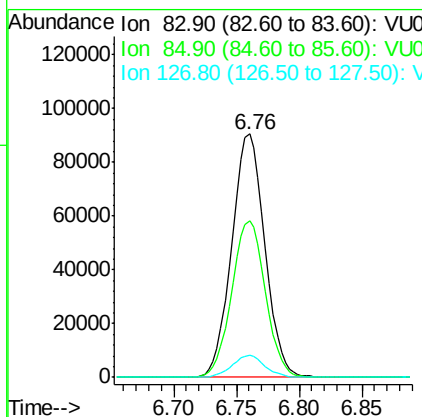
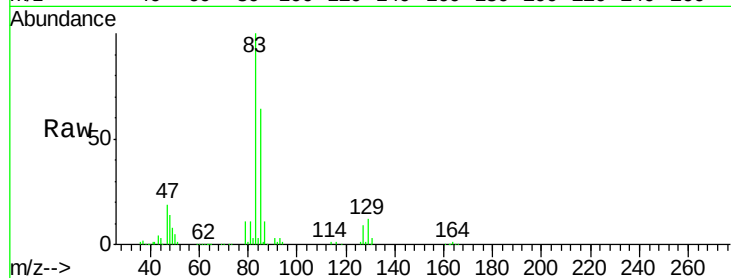
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	165925
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.9	77.9
127	9.2	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.918 ug/l

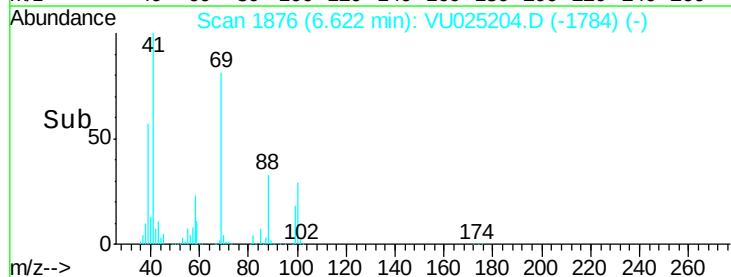
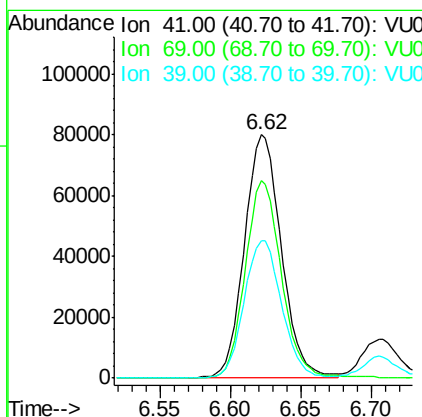
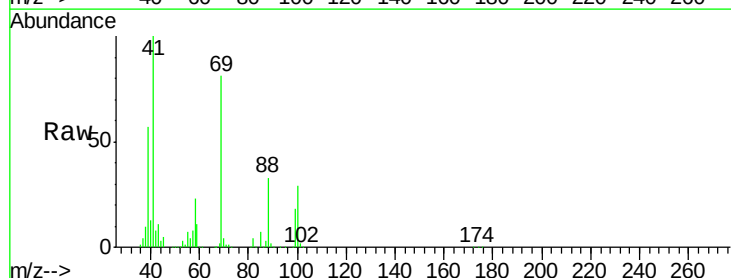
RT: 6.62 min Scan# 1876

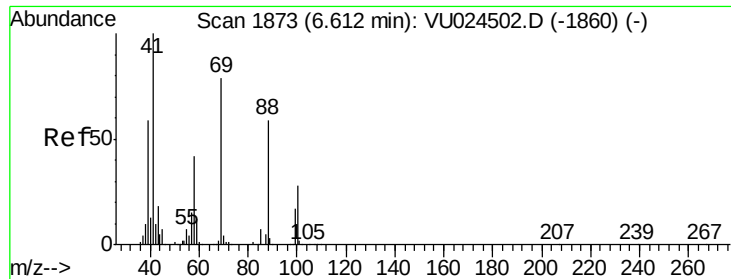
Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Tgt Ion:	41	Resp:	146149
Ion	Ratio	Lower	Upper
41	100		
69	80.3	67.3	100.9
39	57.2	46.5	69.7





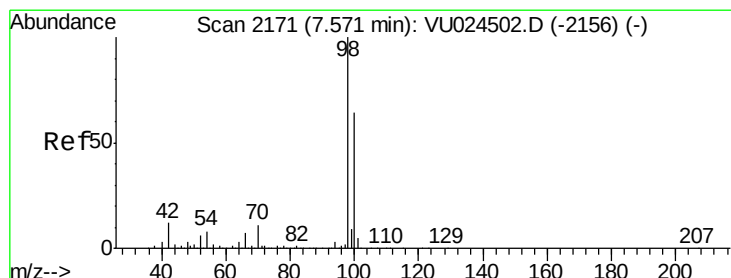
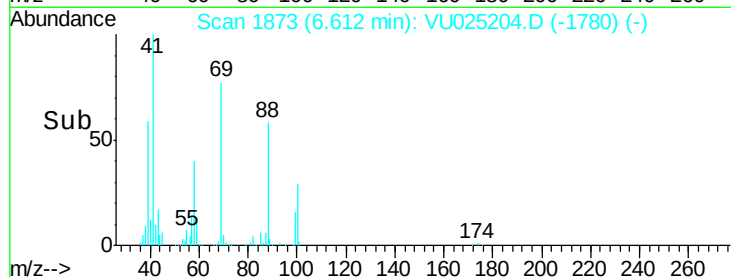
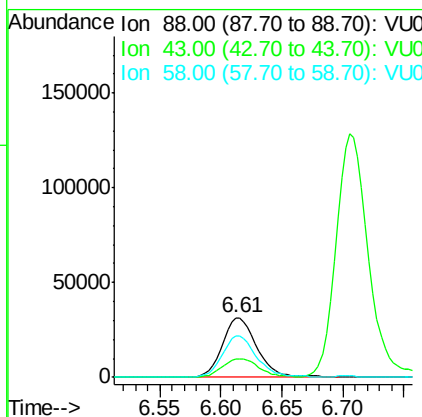
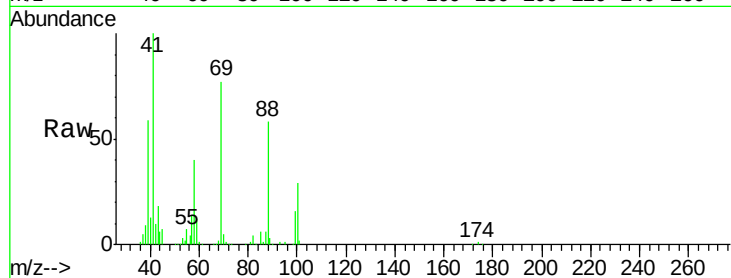
#49
1,4-Dioxane
Concen: 1152.578 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	28.6	42.8
58	70.7	58.2	87.4

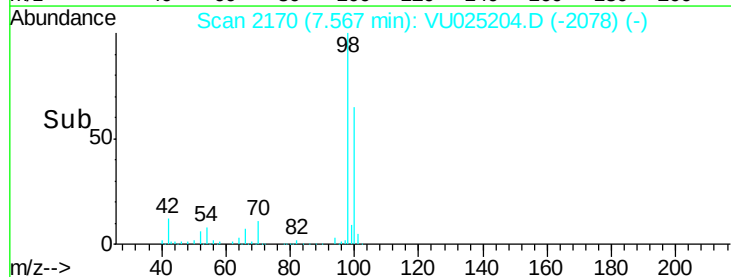
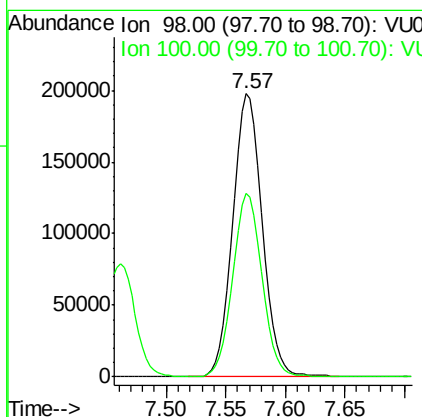
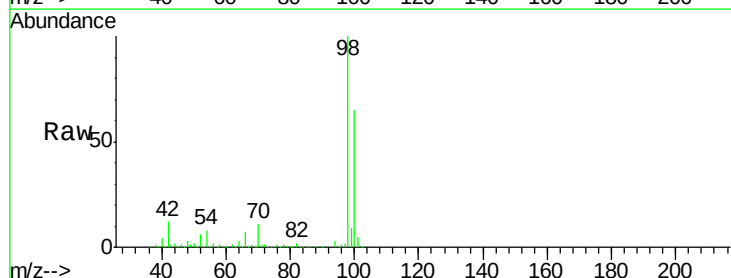
Manual Integrations
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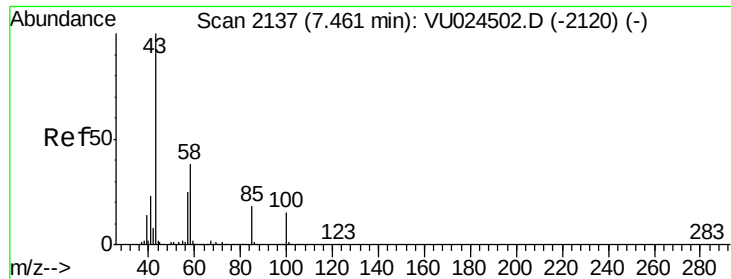
sam
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#50
Toluene-d8
Concen: 44.740 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.1	76.7





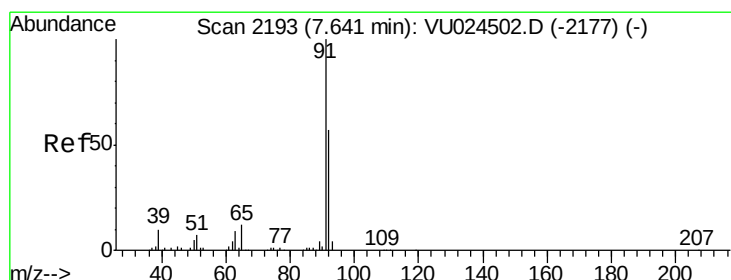
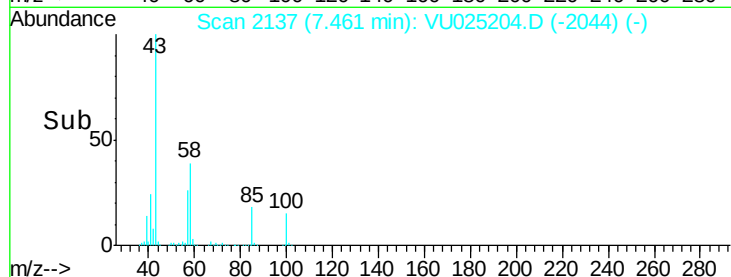
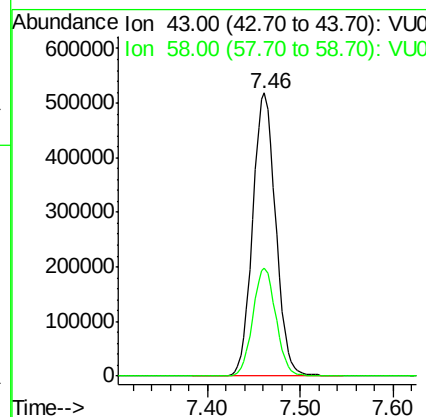
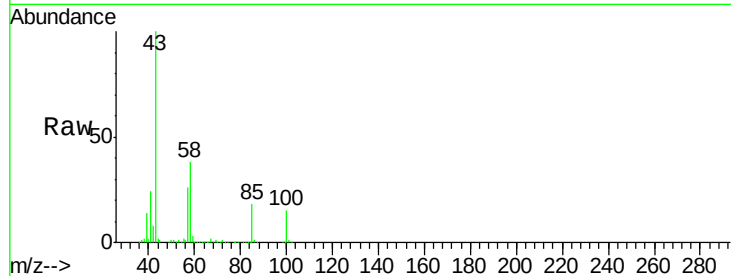
#51
 4-Methyl-2-Pentanone
 Concen: 255.164 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.4	30.0	45.0

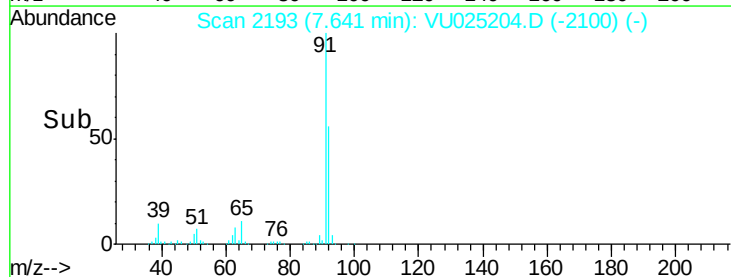
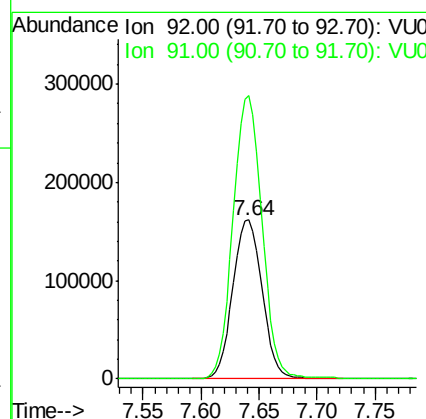
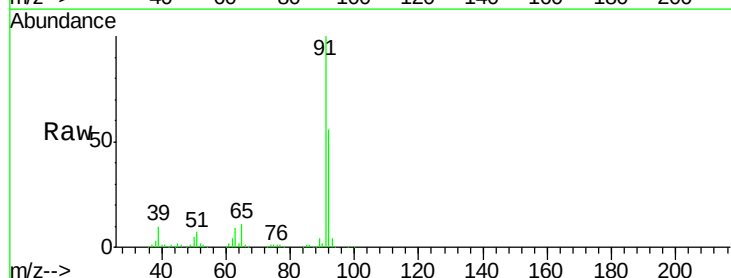
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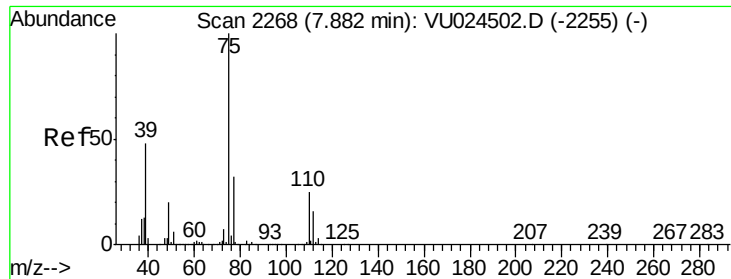
sam
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#52
 Toluene
 Concen: 52.848 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.4	140.5	210.7





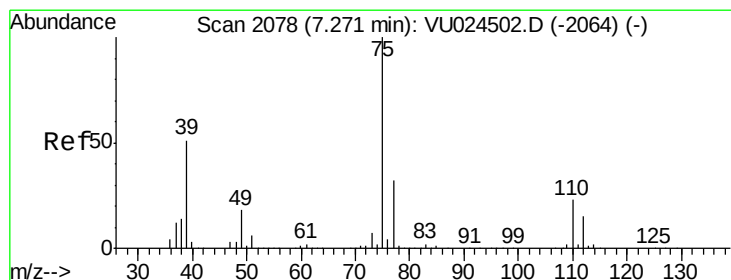
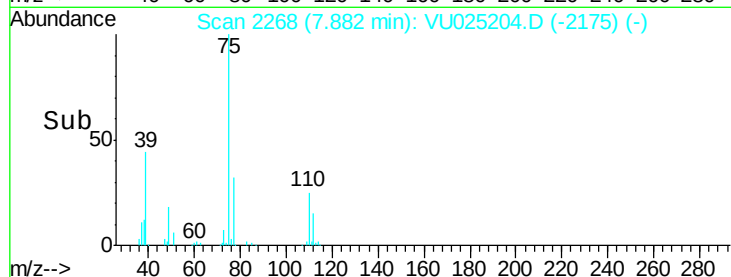
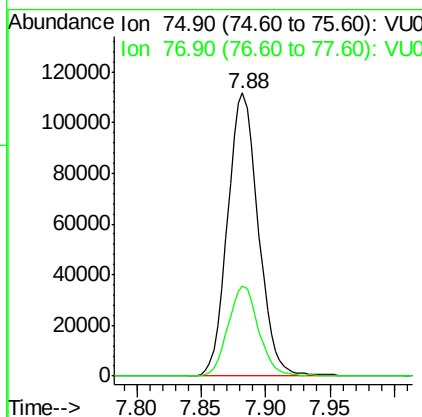
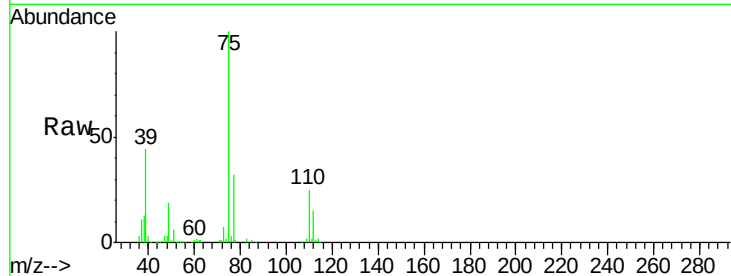
#53
 t-1,3-Dichloropropene
 Concen: 52.400 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 184899
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.8 37.2

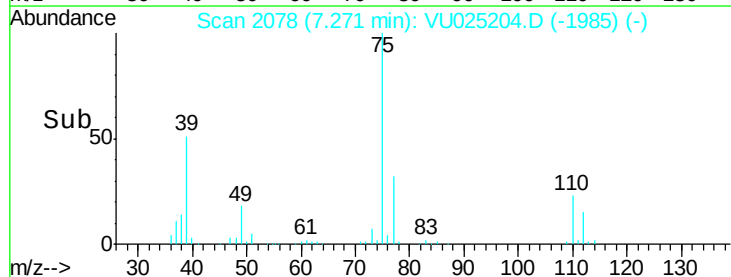
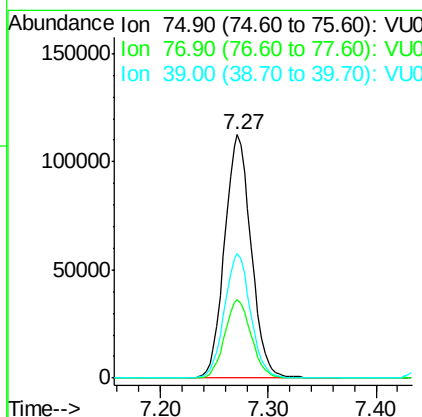
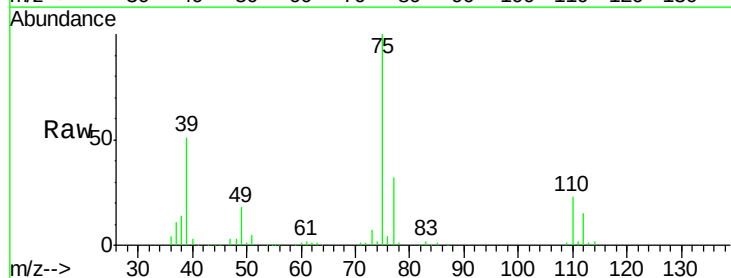
Manual Integrations
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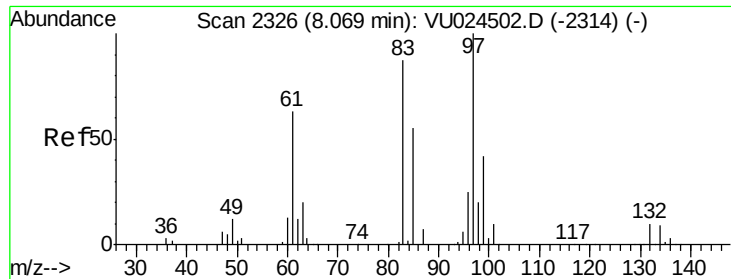
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 51.433 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion: 75 Resp: 193386
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.6 36.8
 39 51.2 39.8 59.6





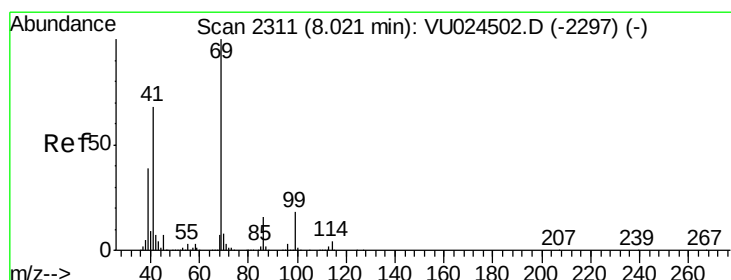
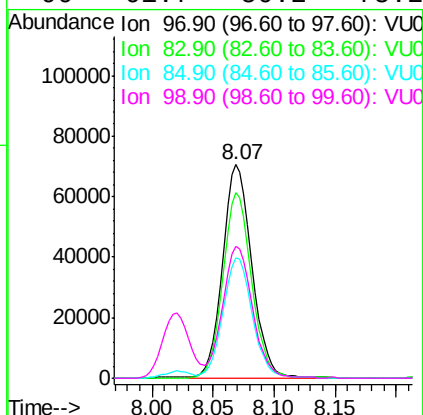
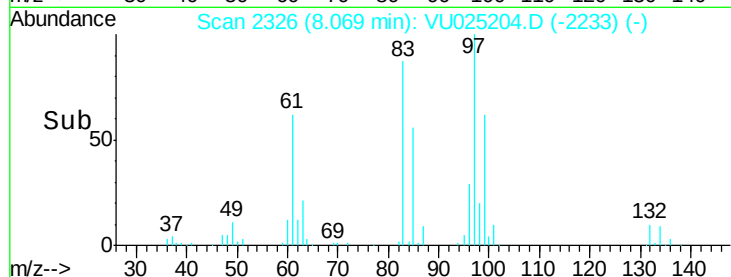
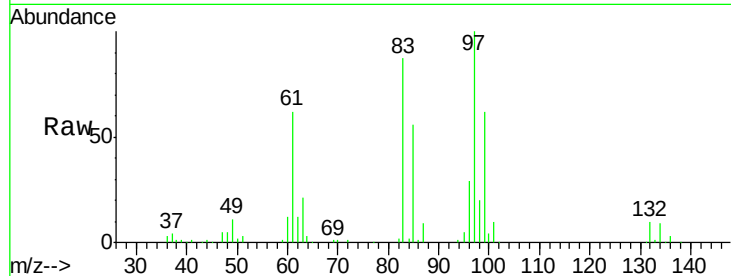
#55
 1,1,2-Trichloroethane
 Concen: 53.782 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	118417
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.5	105.7
85	56.4	46.4	69.6
99	61.7	50.2	75.2

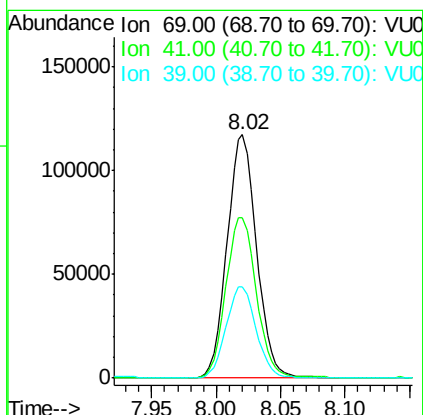
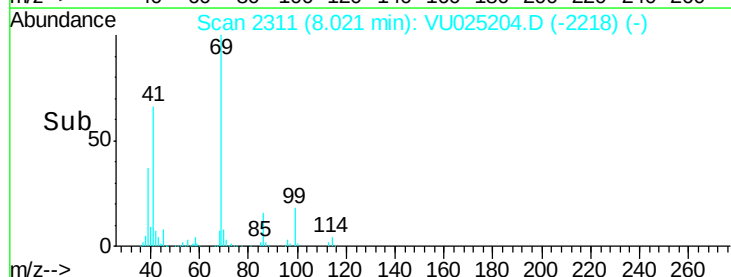
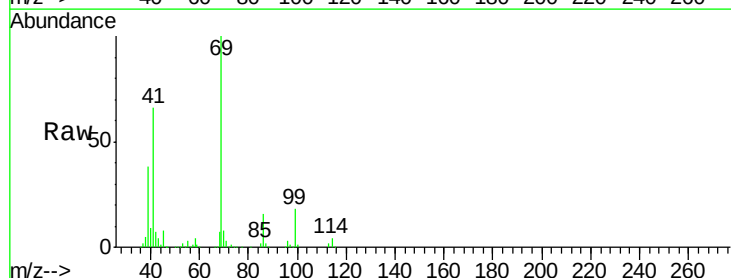
Manual Integrations
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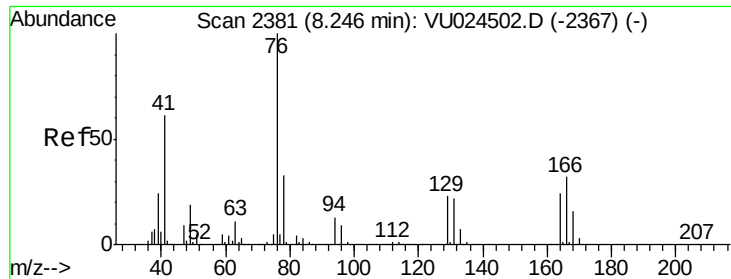
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#56
 Ethyl methacrylate
 Concen: 50.622 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion:	69	Resp:	186552
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.1	81.1
39	38.0	30.3	45.5





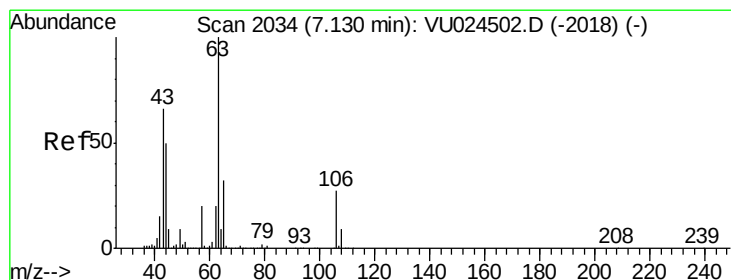
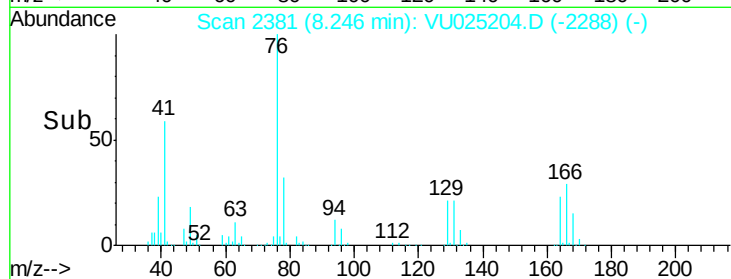
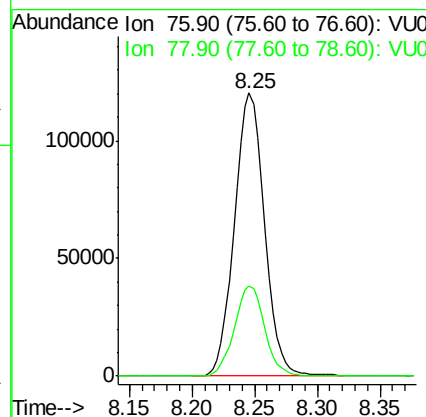
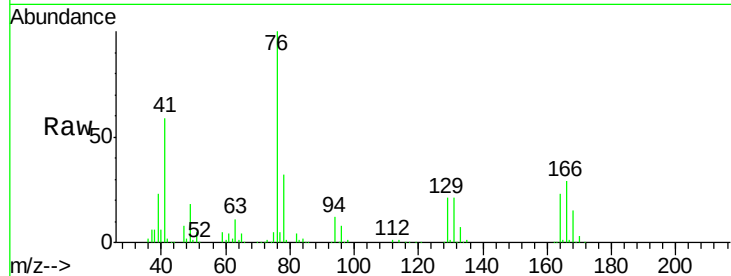
#57
 1,3-Dichloropropane
 Concen: 54.047 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 200743
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.2 37.8

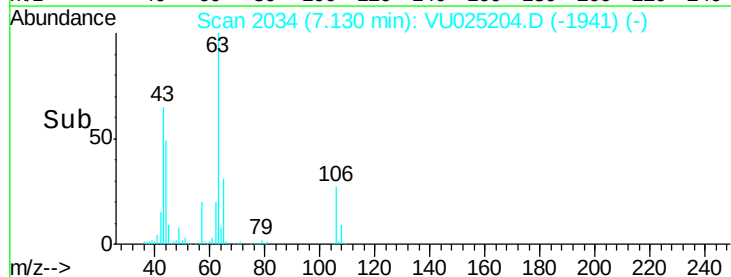
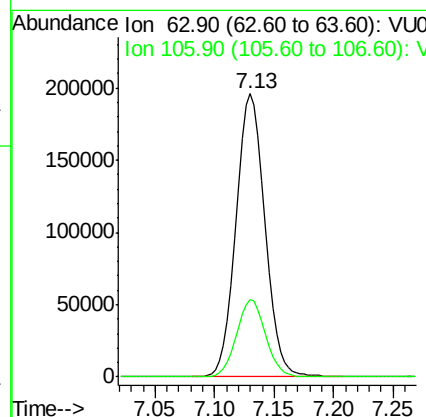
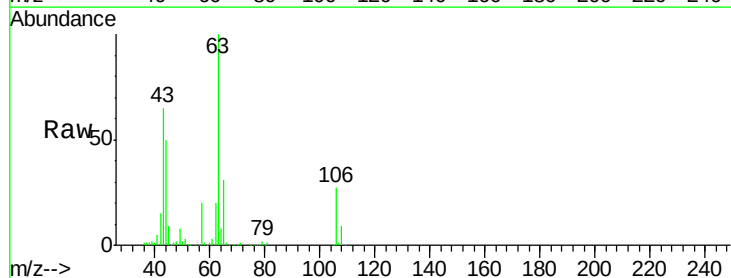
Manual Integrations
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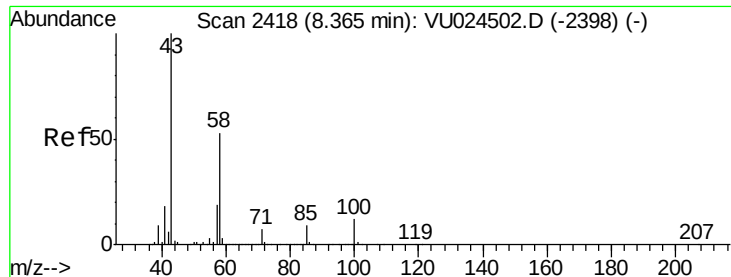
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#58
 2-Chloroethyl Vinyl ether
 Concen: 234.096 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion: 63 Resp: 330504
 Ion Ratio Lower Upper
 63 100
 106 27.4 20.2 30.2





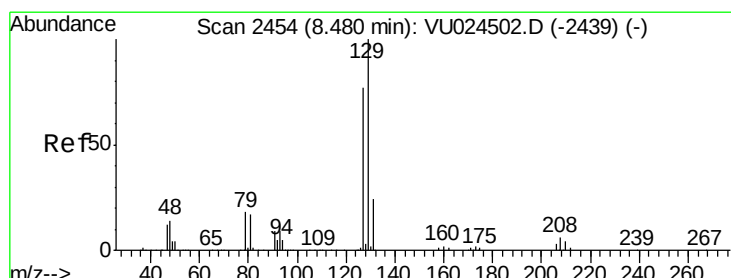
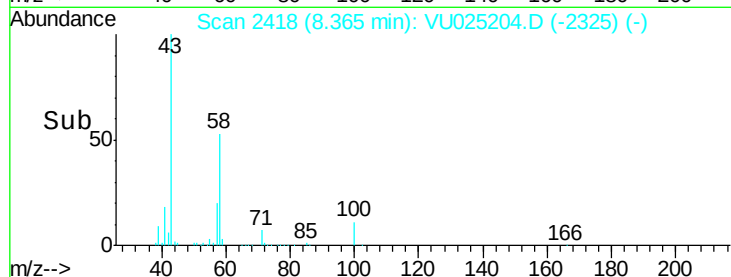
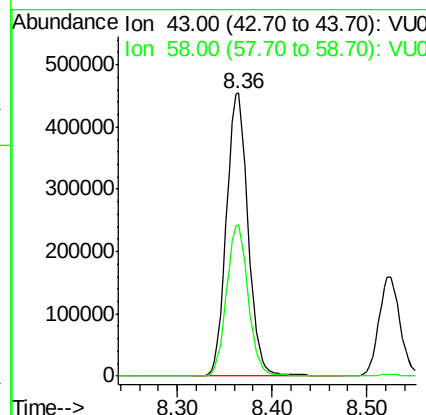
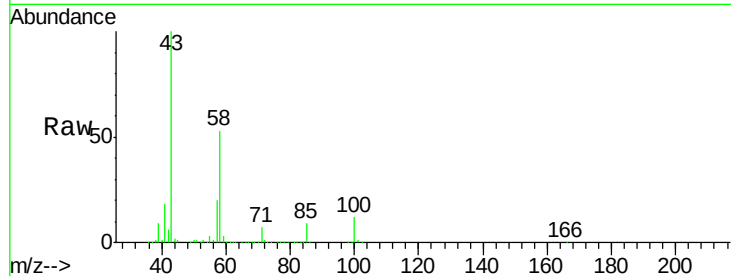
#59
2-Hexanone
Concen: 253.419 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	723547
Ion Ratio	100	Lower	Upper
43	100		
58	53.3	26.4	79.0

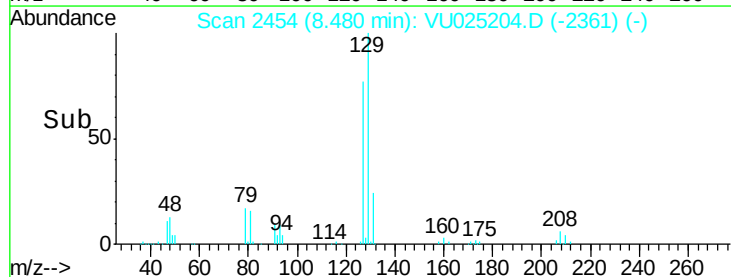
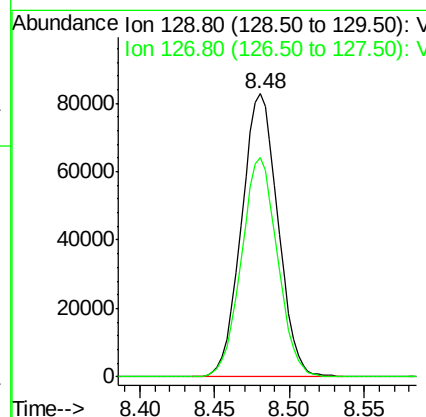
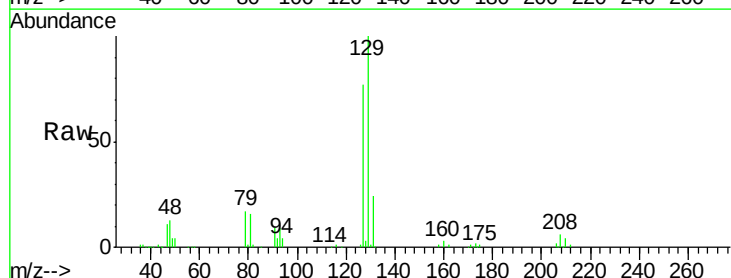
Manual Integrations
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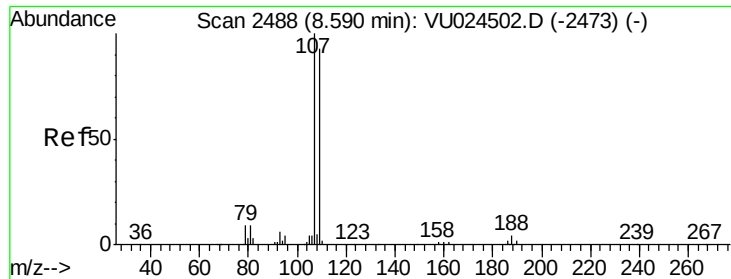
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#60
Dibromochloromethane
Concen: 51.161 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	129	Resp	140470
Ion Ratio	100	Lower	Upper
129	100		
127	76.5	38.6	116.0





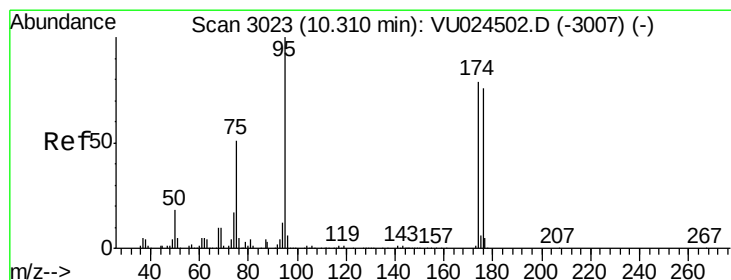
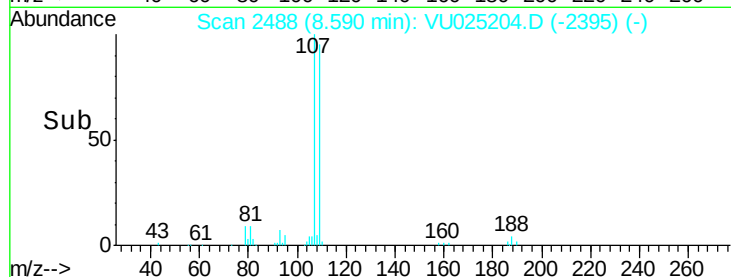
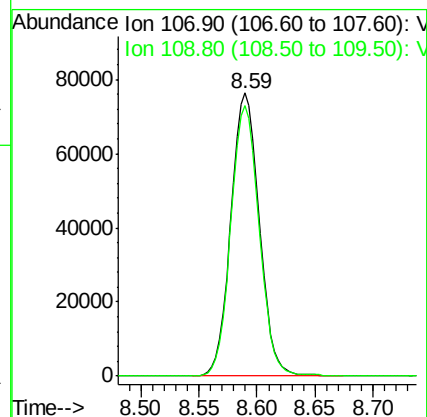
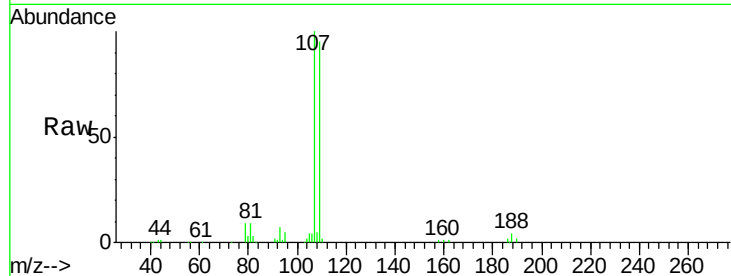
#61
 1,2-Dibromoethane
 Concen: 52.956 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	74.5	111.7

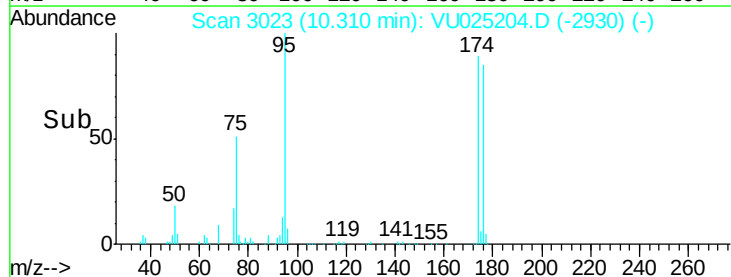
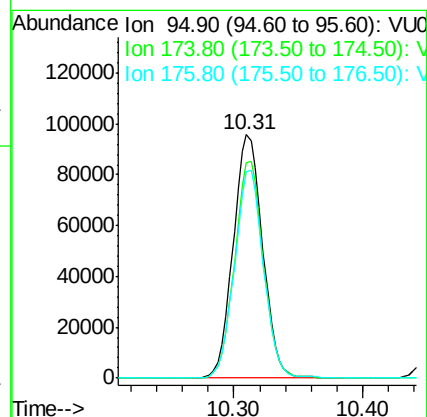
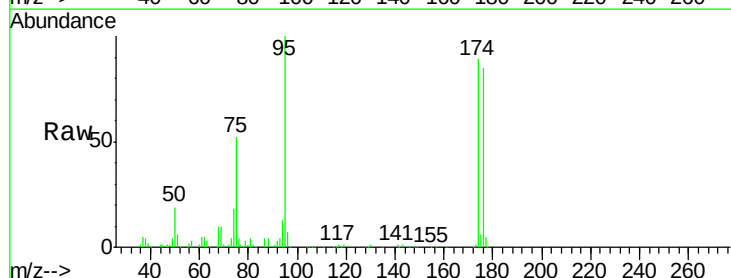
Manual Integrations
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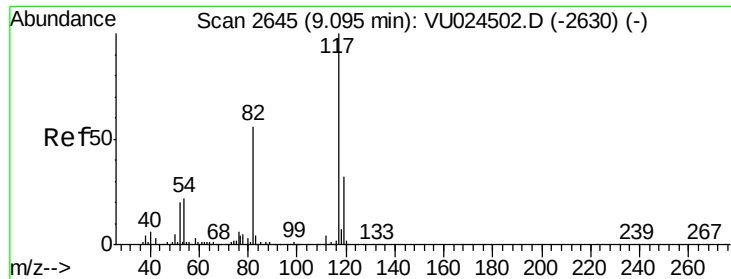
sam
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#62
 4-Bromofluorobenzene
 Concen: 50.102 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	165.8
176	84.2	0.0	159.4





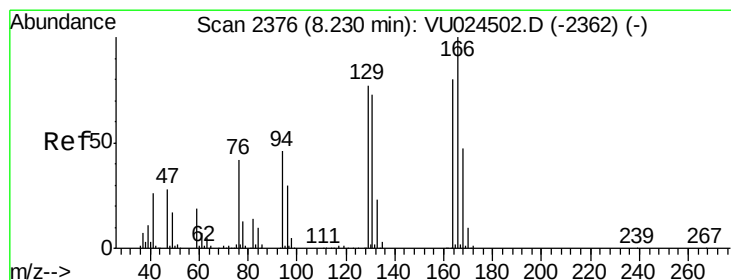
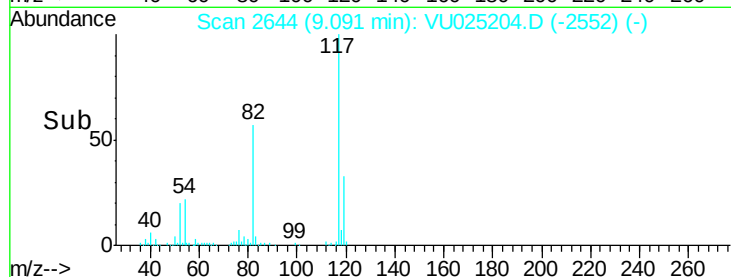
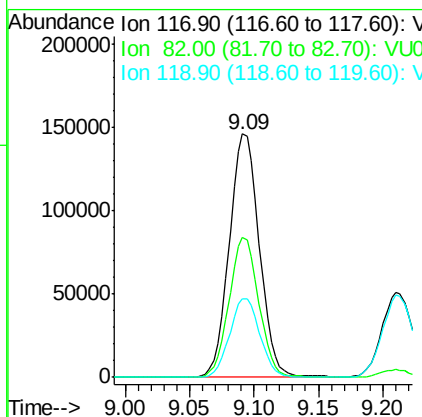
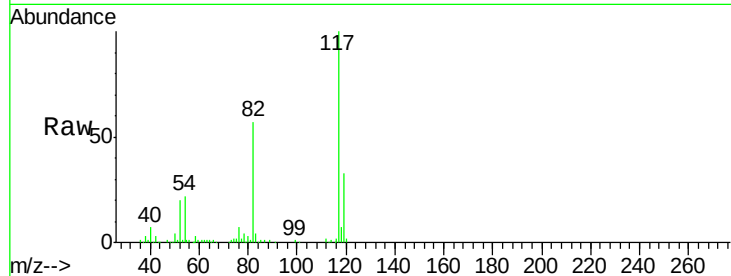
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	236371		
82	57.4		44.3	66.5
119	32.5		25.4	38.2

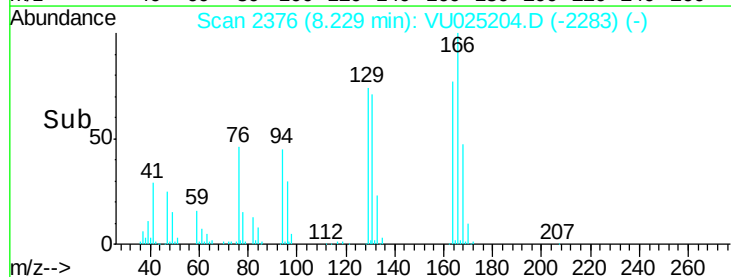
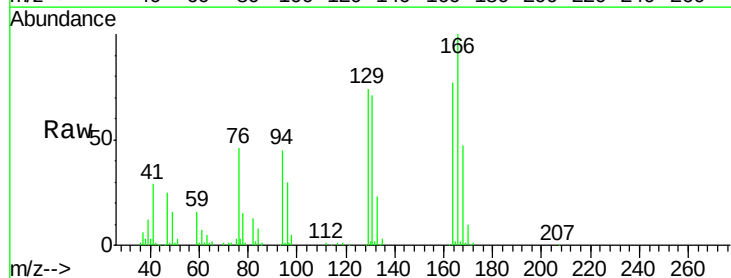
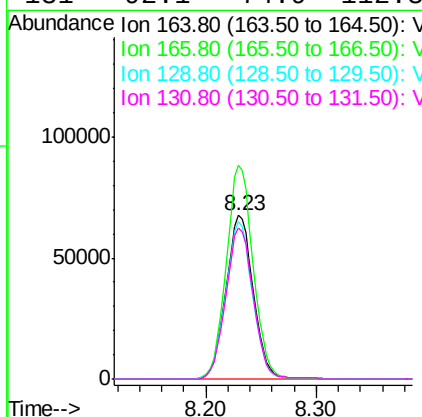
Manual Integrations
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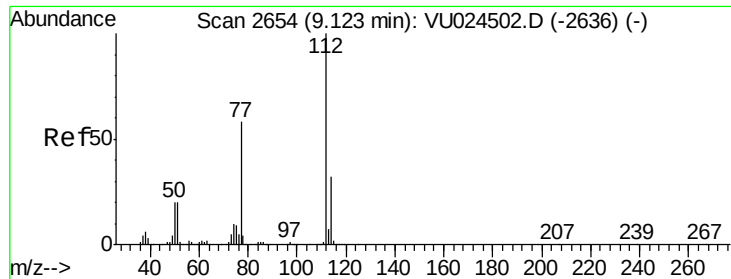
sam
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#64
Tetrachloroethene
Concen: 51.799 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116383		
166	130.6		101.7	152.5
129	96.1		76.9	115.3
131	92.1		74.9	112.3





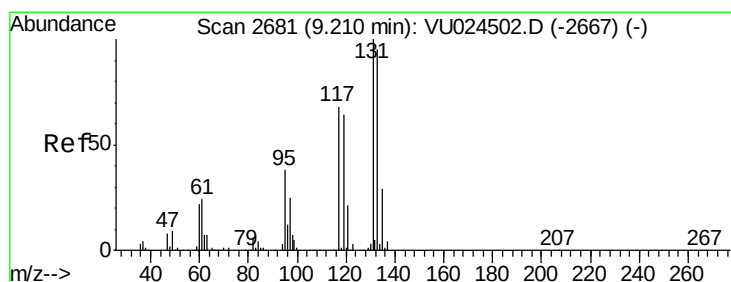
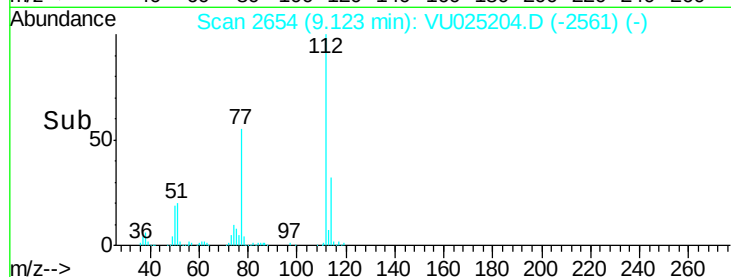
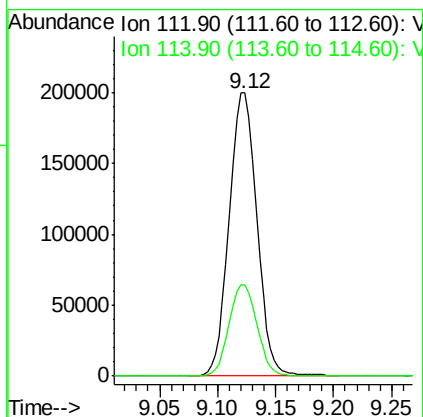
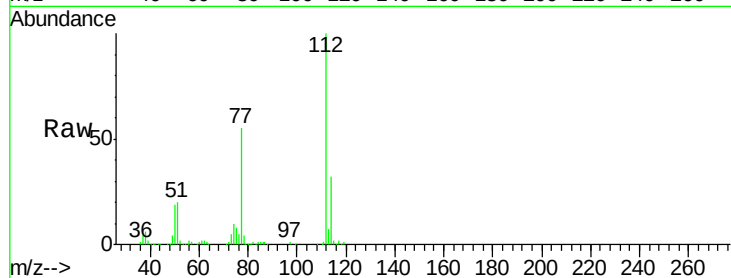
#65
Chlorobenzene
Concen: 54.725 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4

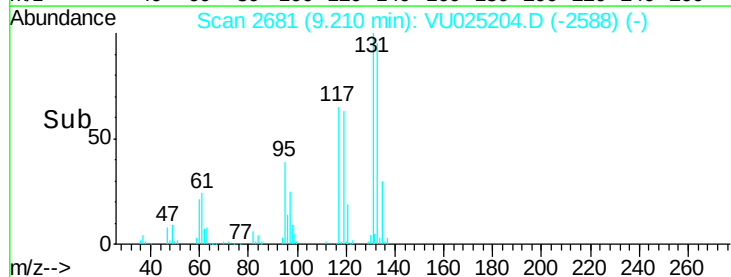
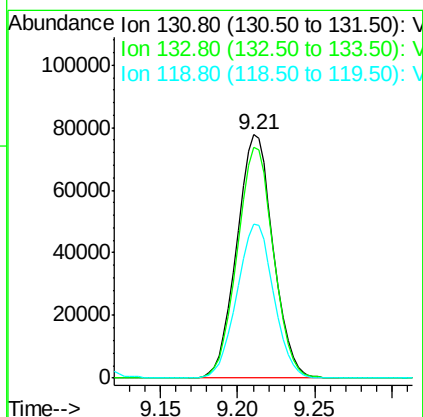
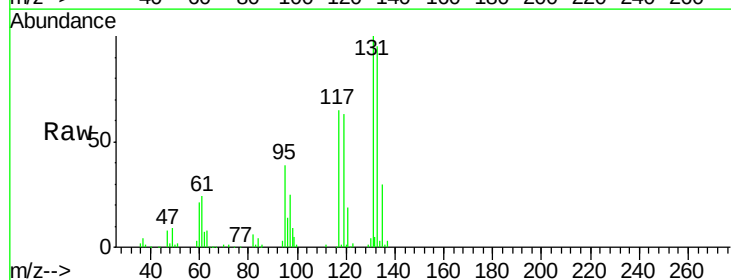
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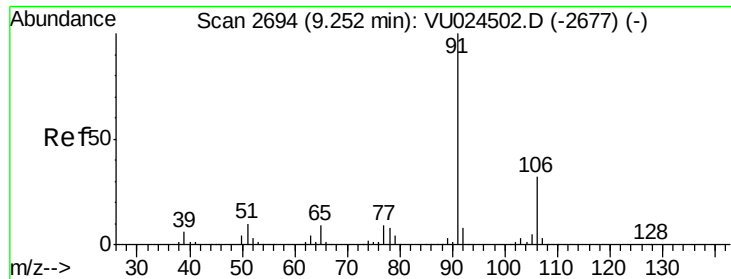
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.430 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	46.9	140.8
119	63.8	33.5	100.4





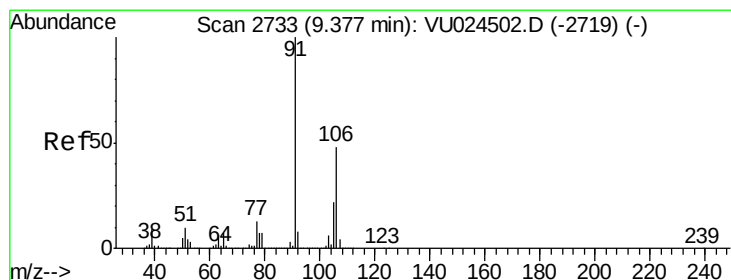
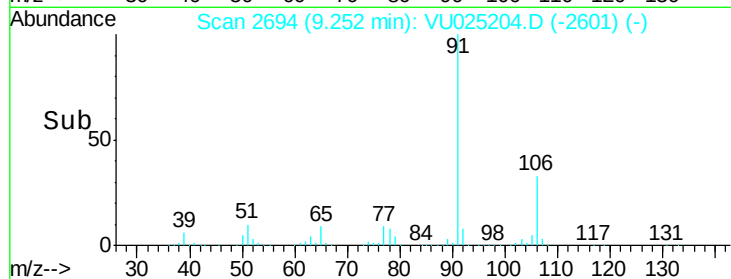
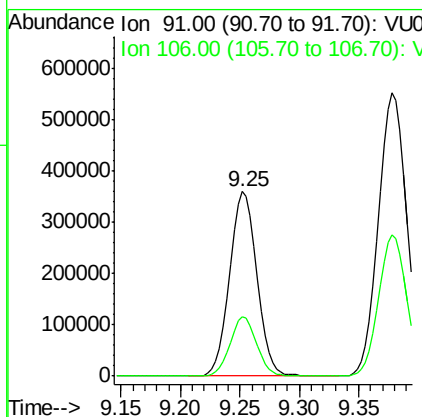
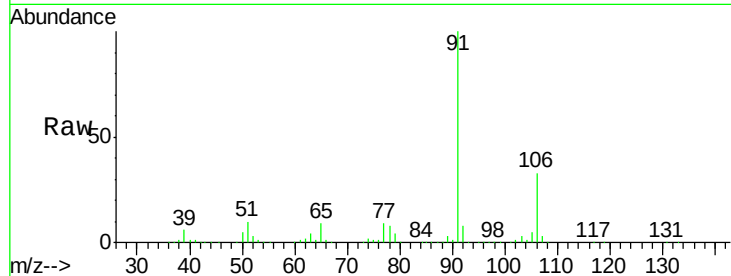
#67
Ethyl Benzene
Concen: 54.166 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 573386
Ion Ratio Lower Upper
91 100
106 32.6 24.2 36.4

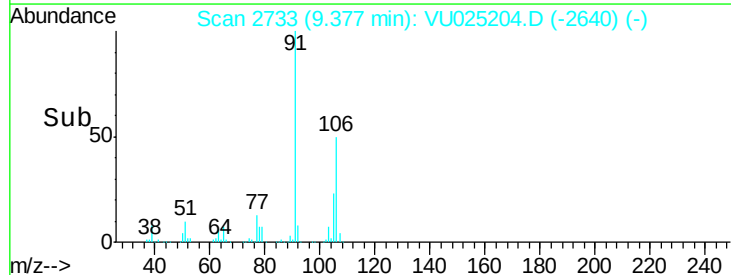
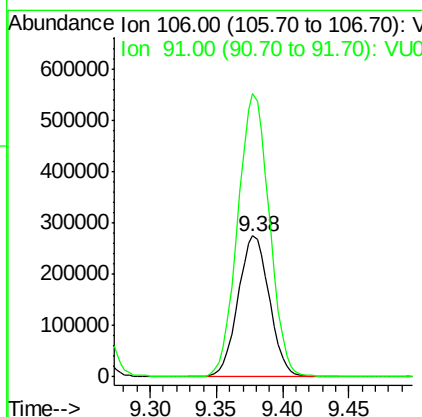
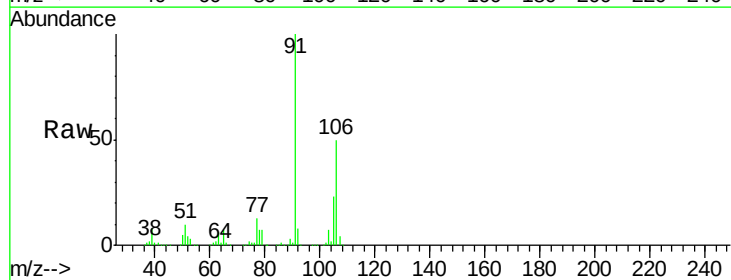
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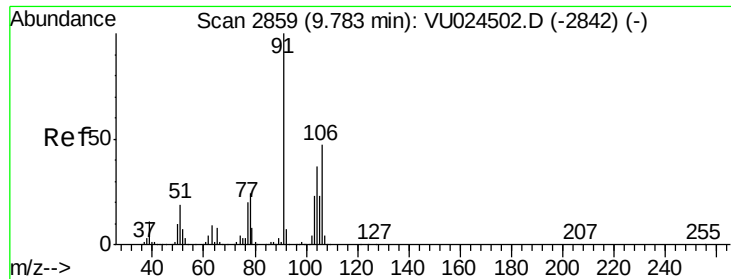
sam
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#68
m/p-Xylenes
Concen: 110.897 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion: 106 Resp: 450789
Ion Ratio Lower Upper
106 100
91 203.2 166.5 249.7





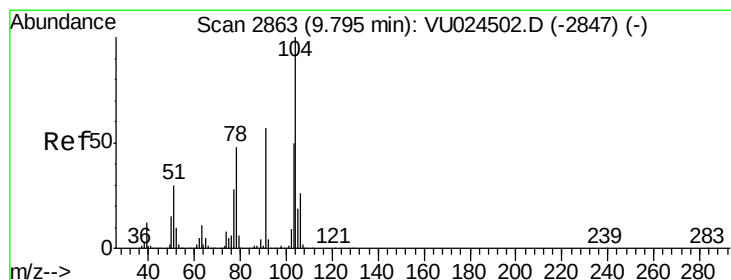
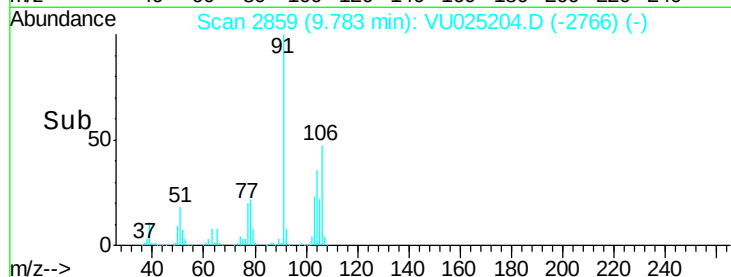
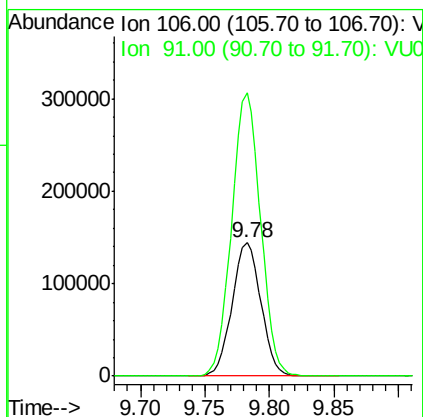
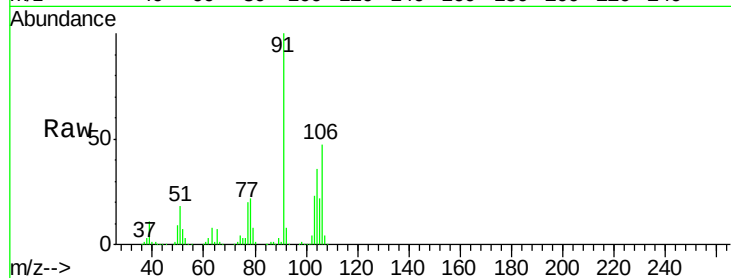
#69
o-Xylene
Concen: 55.629 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.1	110.7	331.9

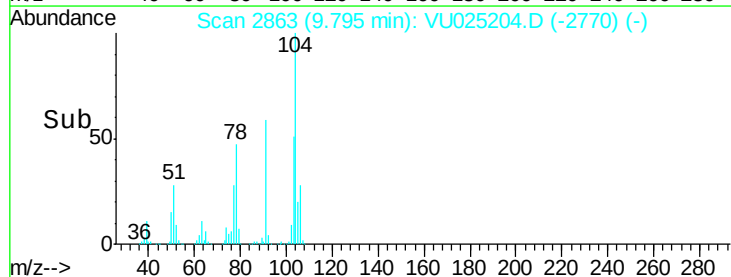
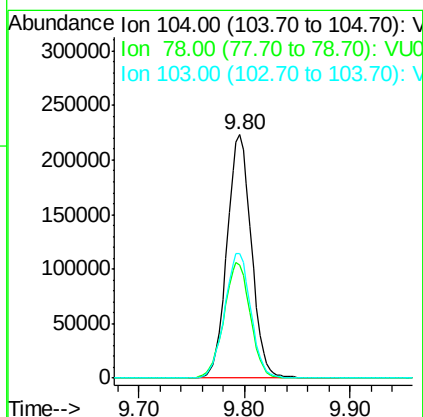
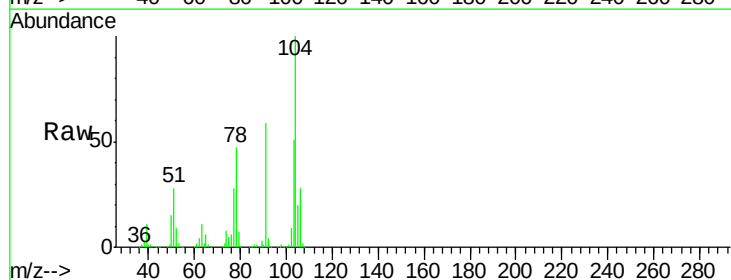
Manual Integrations
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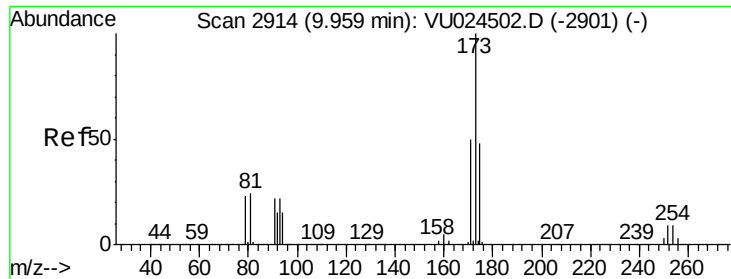
sam
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#70
Styrene
Concen: 53.958 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.1	40.6	60.8
103	55.2	44.7	67.1





#71

Bromoform

Concen: 51.544 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

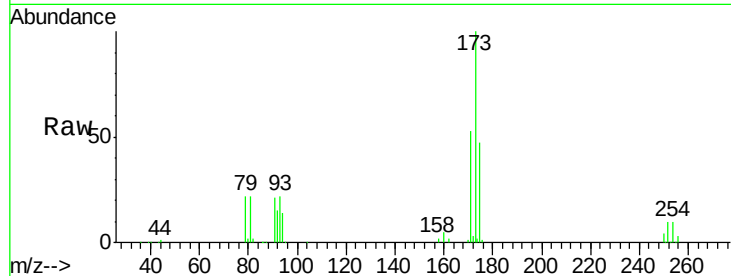
ClientSampleId :

VSTDCCC050

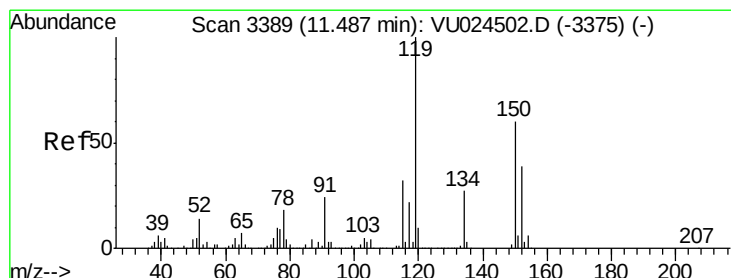
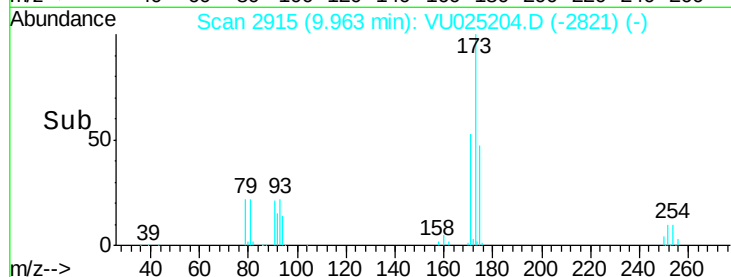
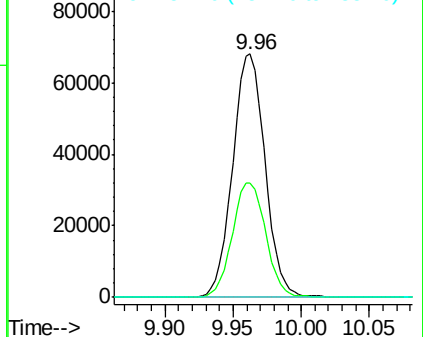
Tot Ion:	173	Resp:	112394
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.6	74.0
254	0.1	0.0	0.0#

Manual Integrations
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sam
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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

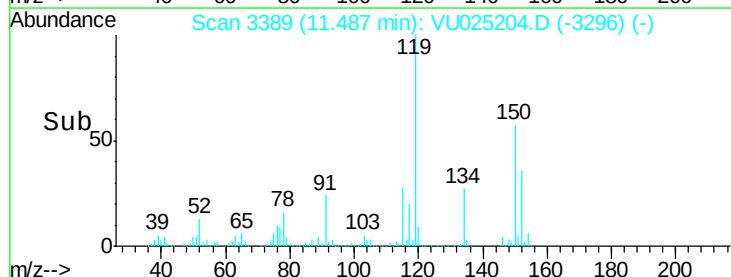
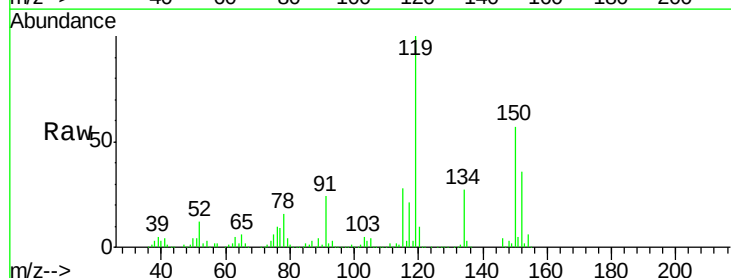
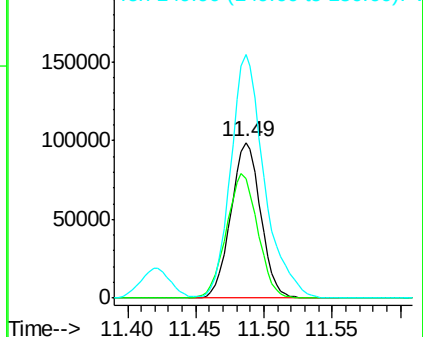
Delta R.T. -0.00 min

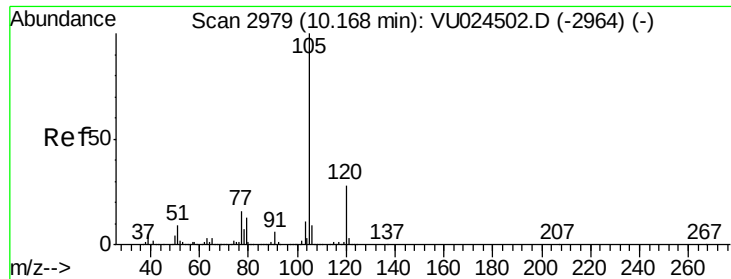
Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Tgt Ion:	152	Resp:	149368
Ion Ratio	Lower	Upper	
152	100		
115	84.4	43.0	129.0
150	177.0	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: 52.460 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 601607

Ion Ratio Lower Upper

105 100

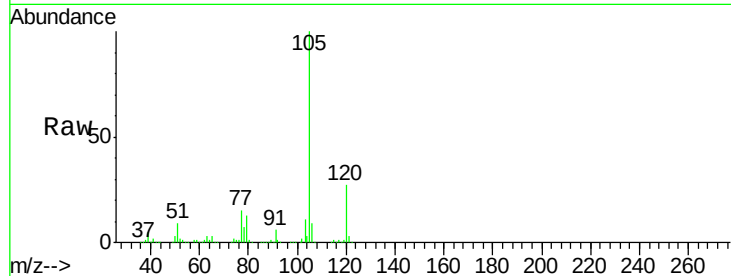
120 26.7 13.2 39.6

Manual Integrations

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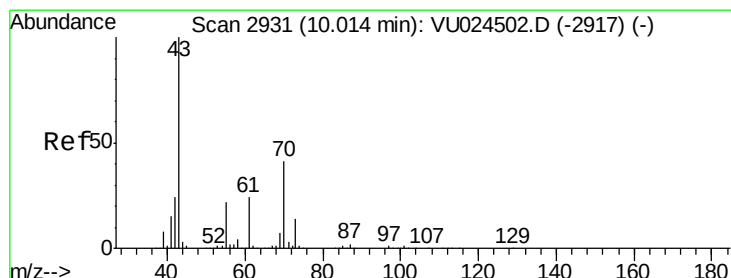
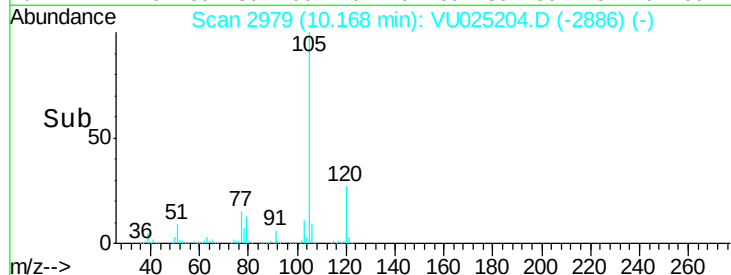
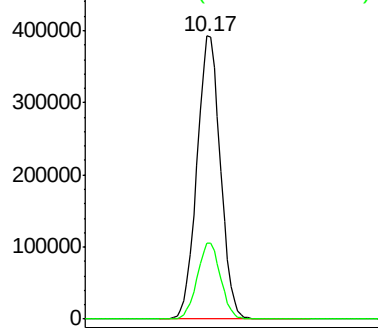
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.094 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Tgt Ion: 43 Resp: 251426

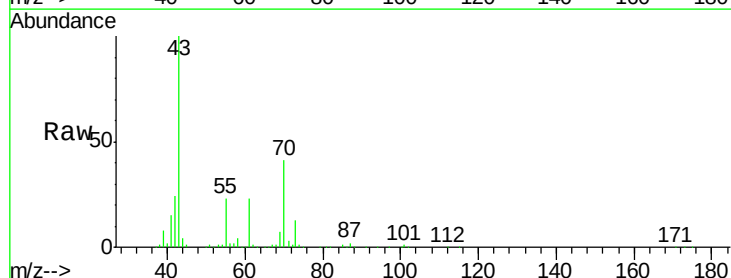
Ion Ratio Lower Upper

43 100

70 41.0 32.2 48.4

55 23.4 20.5 30.7

61 23.5 18.7 28.1

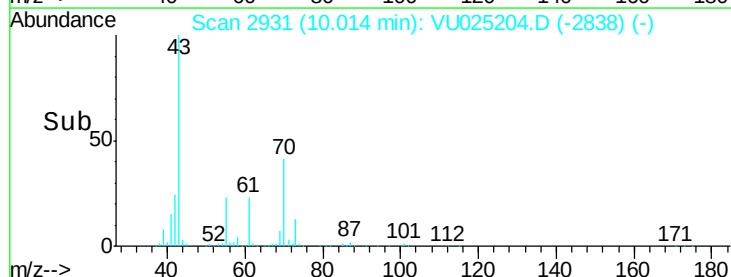
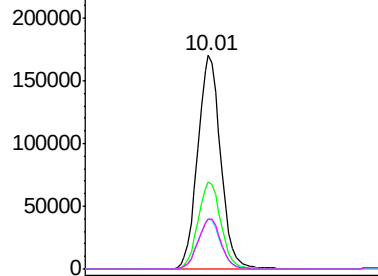


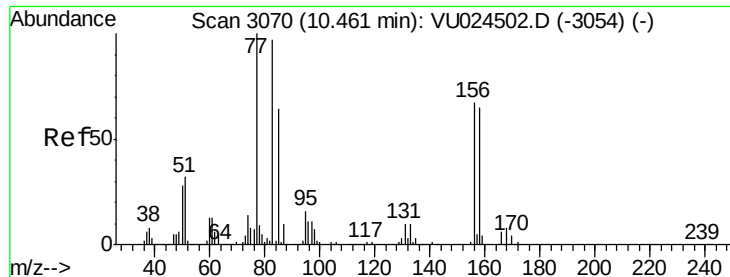
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.828 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 195326

Ion Ratio Lower Upper

83 100

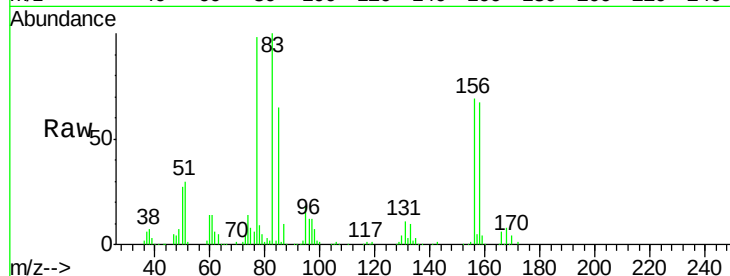
131 10.3 4.7 14.1

85 65.6 32.5 97.5

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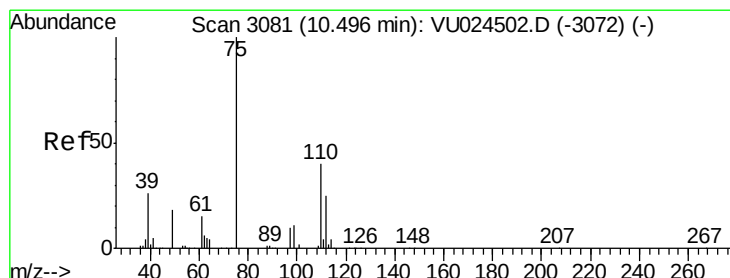
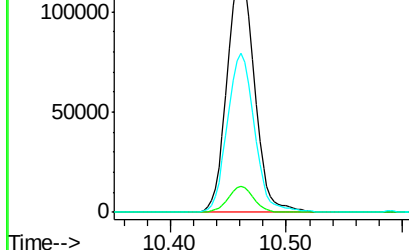
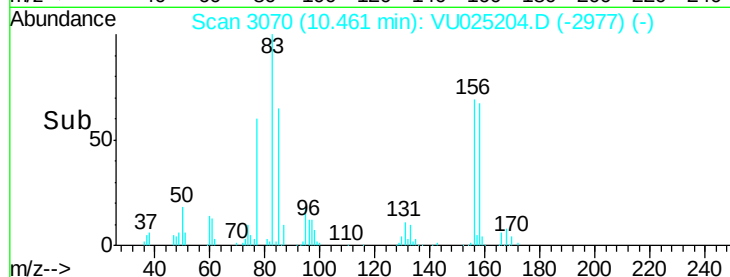


Abundance Ion 82.90 (82.60 to 83.60): VU025204.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025204.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025204.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 54.663 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025204.D

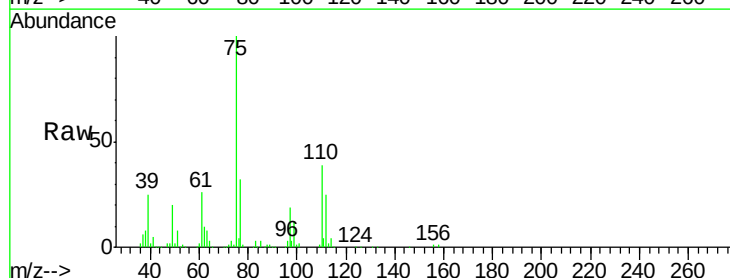
Acq: 05 Jul 2018 10:08

Tgt Ion: 75 Resp: 179761

Ion Ratio Lower Upper

75 100

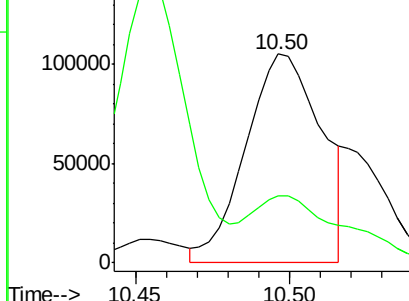
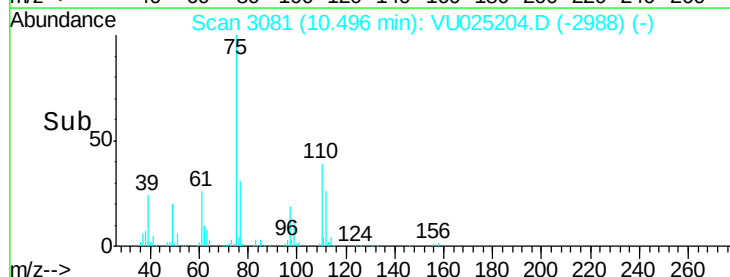
77 39.3 20.9 62.7

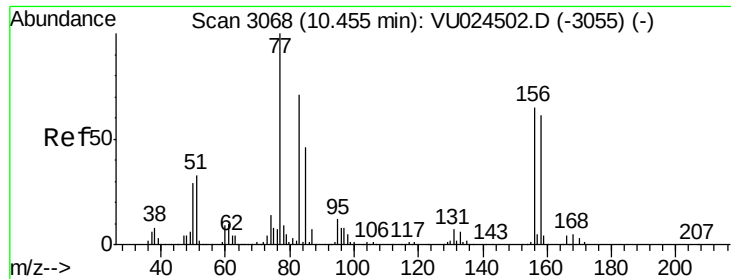


Abundance Ion 74.90 (74.60 to 75.60): VU025204.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025204.D (-2988) (-)

Time-->





#77

Bromobenzene

Concen: 53.287 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

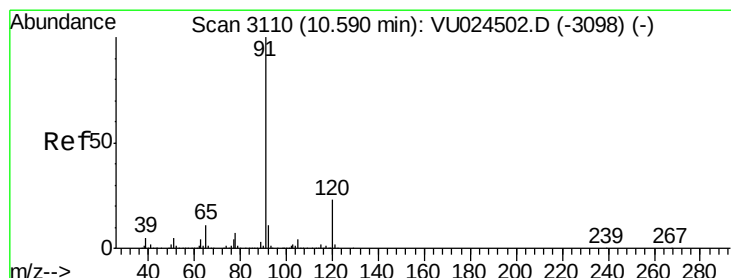
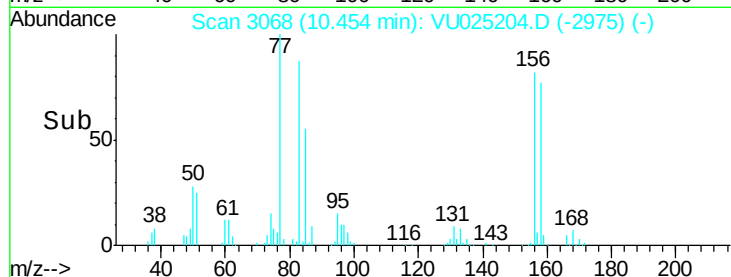
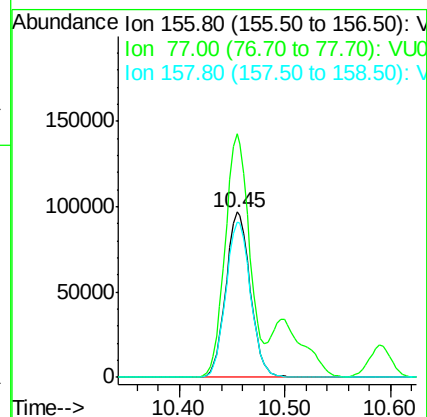
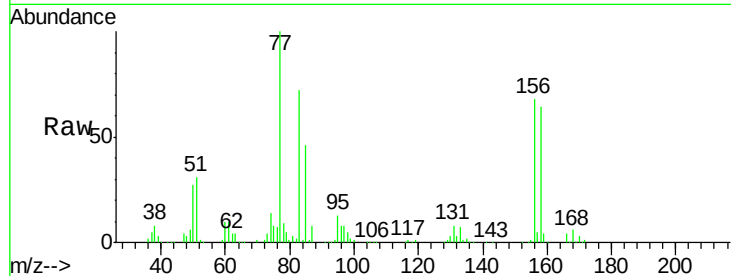
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.3	80.5	241.3
158	95.5	48.2	144.6

Manual Integrations
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sam
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#78

n-propylbenzene

Concen: 51.558 ug/l

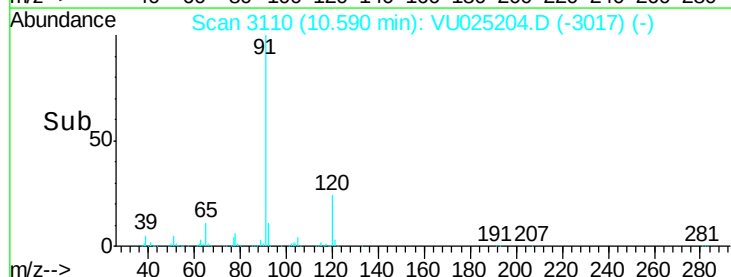
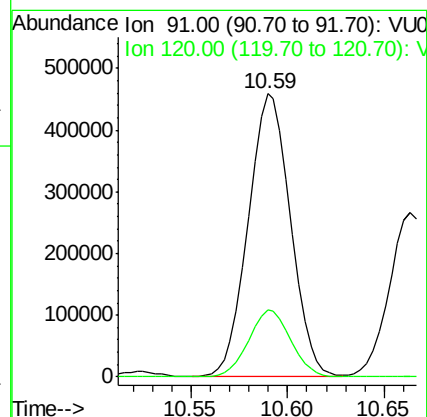
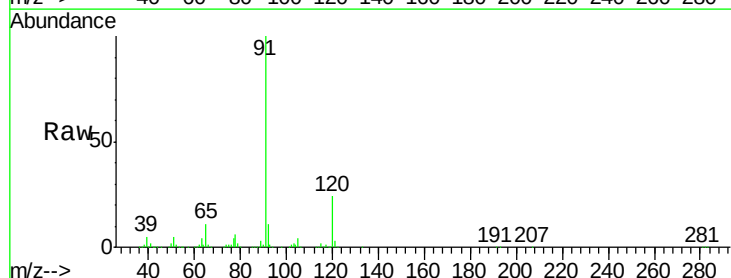
RT: 10.59 min Scan# 3110

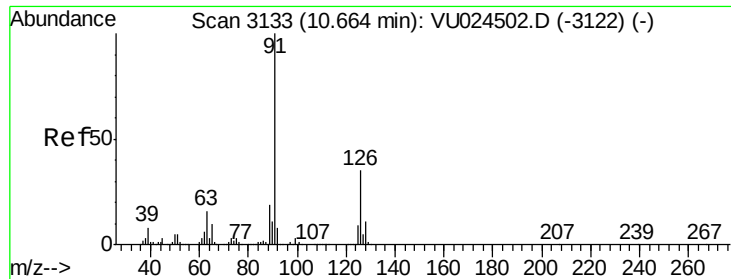
Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.2	33.5





#79

2-Chlorotoluene

Concen: 51.413 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 409580

Ion Ratio Lower Upper

91 100

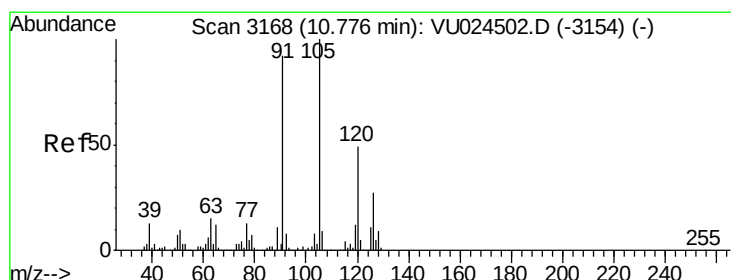
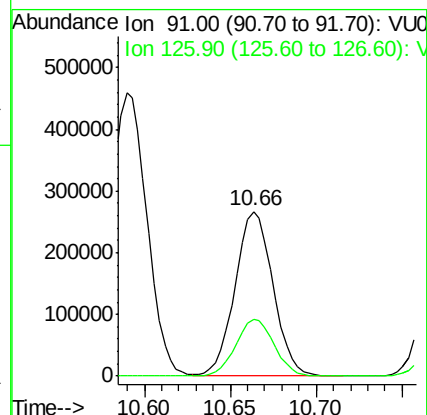
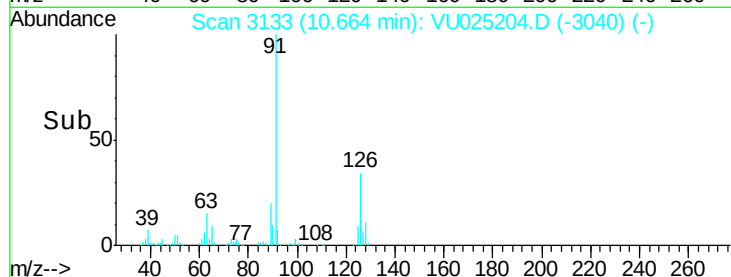
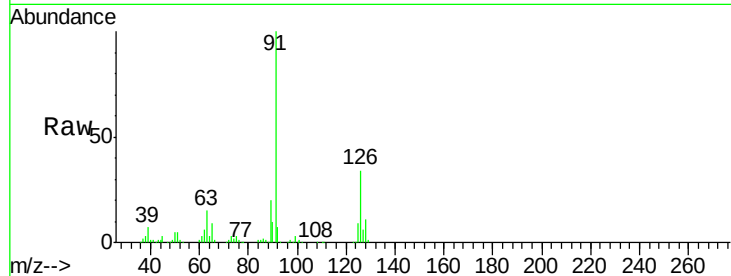
126 34.9 16.9 50.7

Manual Integrations

APPROVED

sam

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#80

1,3,5-Trimethylbenzene

Concen: 52.837 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025204.D

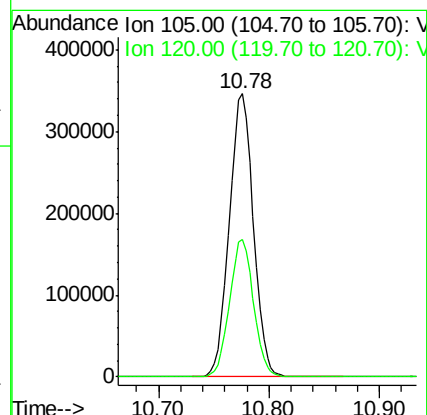
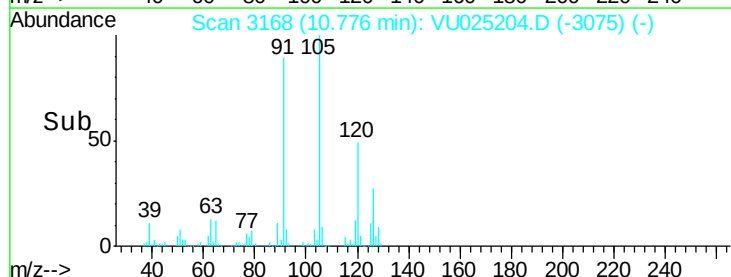
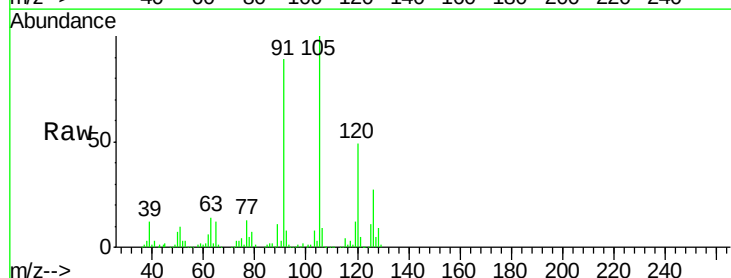
Acq: 05 Jul 2018 10:08

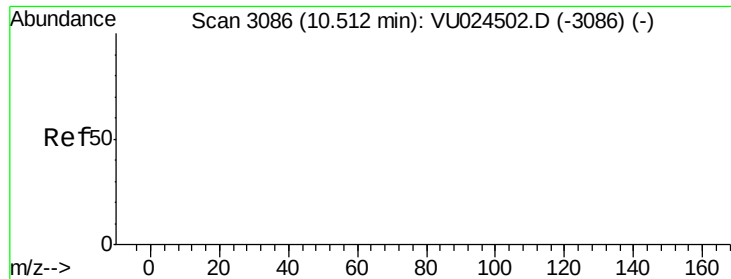
Tgt Ion: 105 Resp: 525188

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2





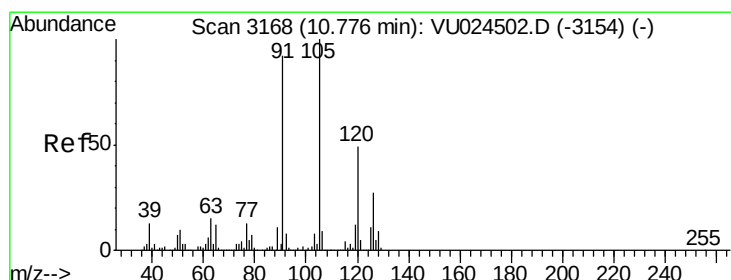
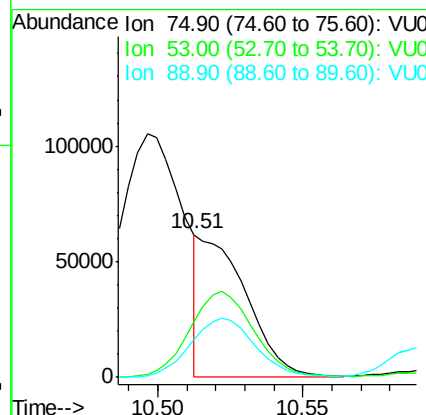
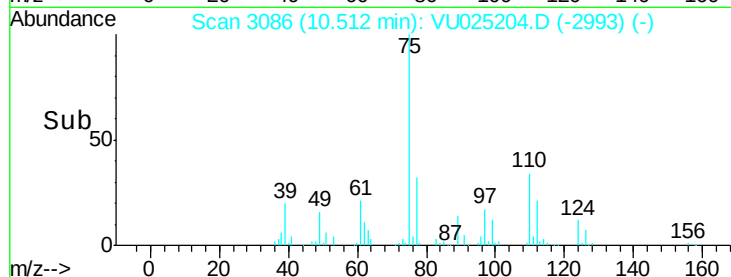
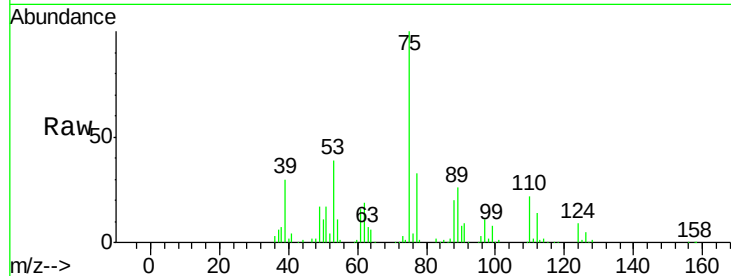
#81
trans-1,4-Dichloro-2-butene
Concen: 48.383 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

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

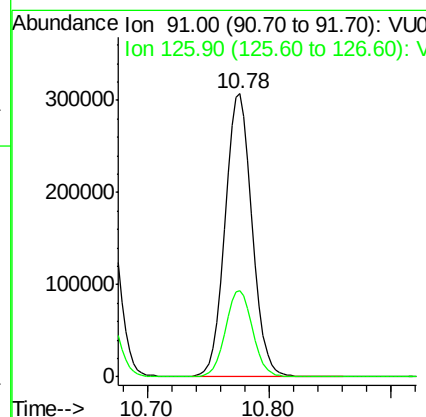
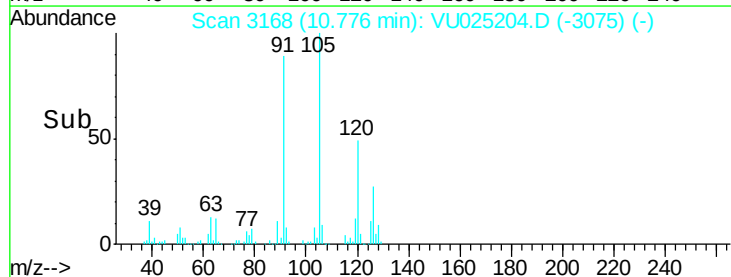
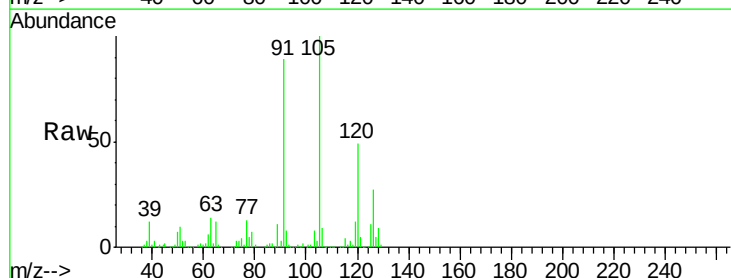
Manual Integrations
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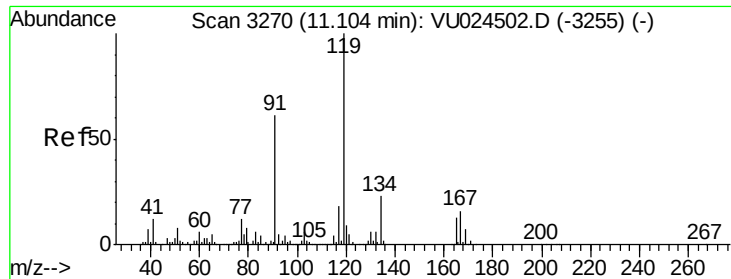
sam
7/6/2018 4:21:29 PM



#82
4-Chlorotoluene
Concen: 51.492 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	14.9	44.9





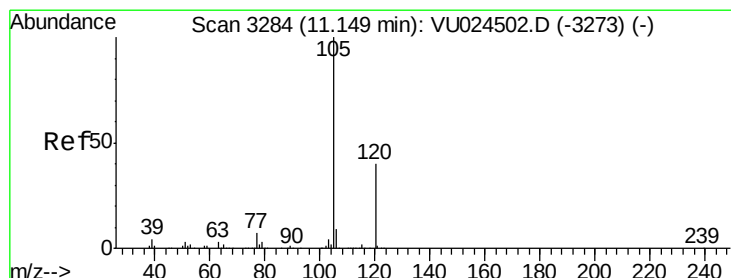
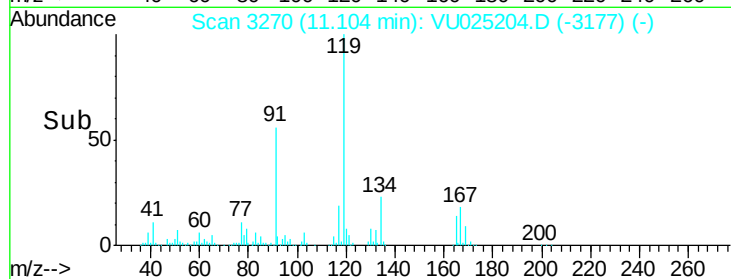
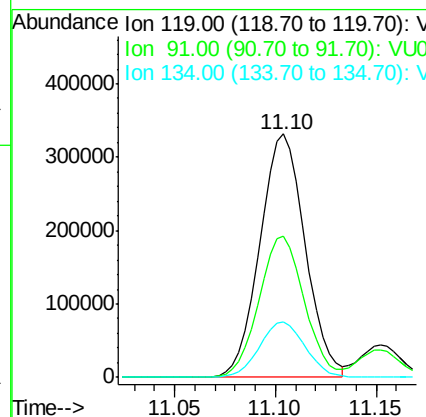
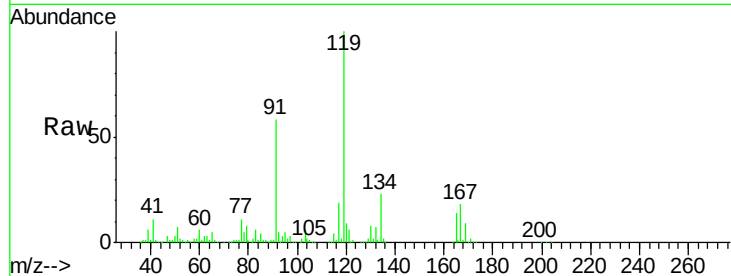
#83
 tert-Butylbenzene
 Concen: 54.367 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	519818		
91	58.2	29.7	89.1	
134	22.9	11.6	34.7	

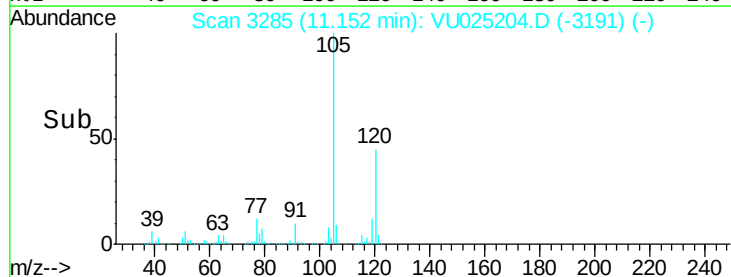
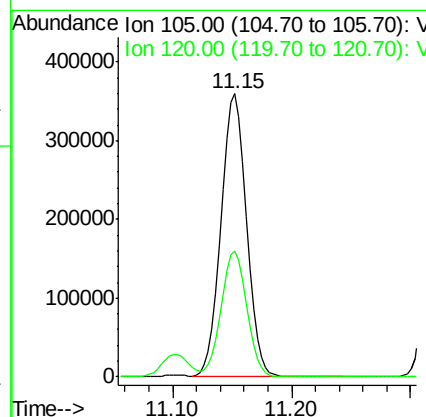
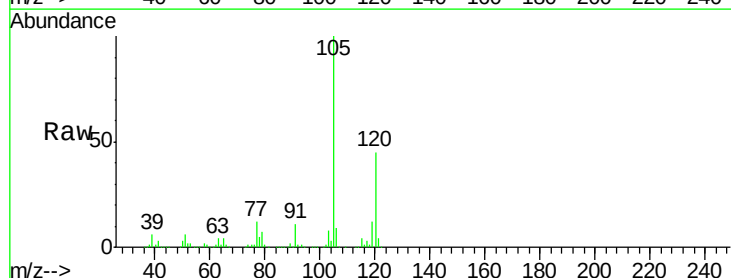
Manual Integrations
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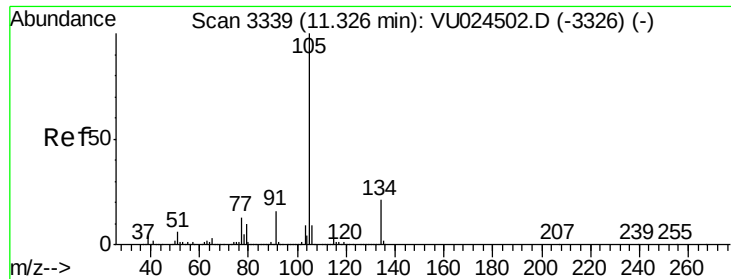
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.813 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	534970		
120	44.8	22.6	67.8	





#85

sec-Butylbenzene

Concen: 52.786 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 631746

Ion Ratio Lower Upper

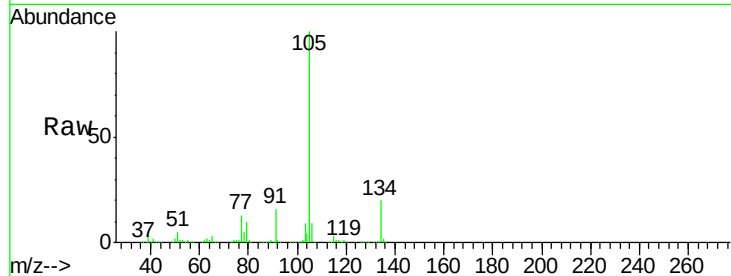
105 100

134 20.3 9.7 29.1

Manual Integrations
APPROVED

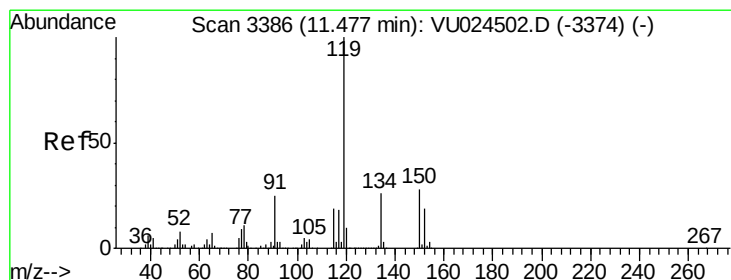
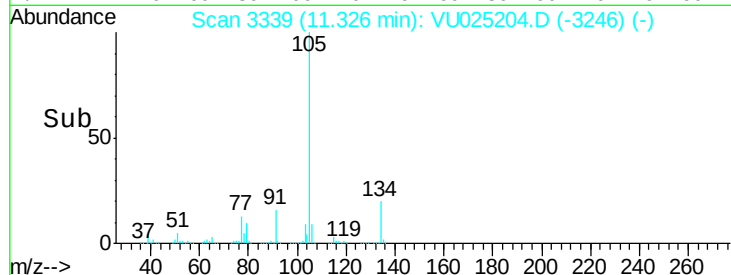
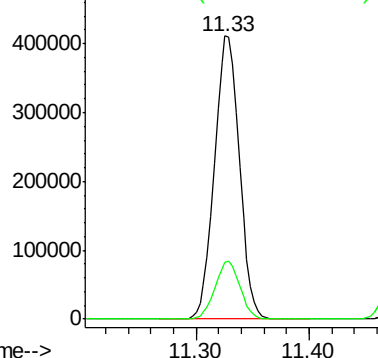
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.666 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

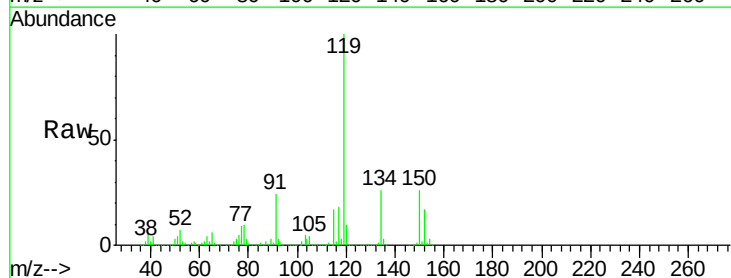
Tgt Ion:119 Resp: 564519

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

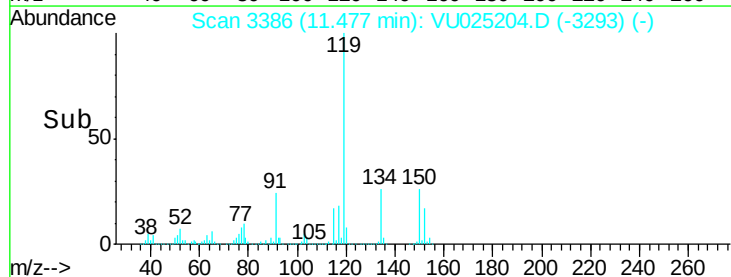
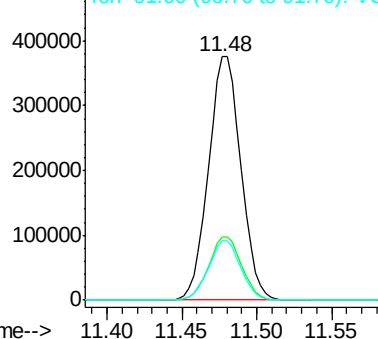
91 24.2 12.0 36.1

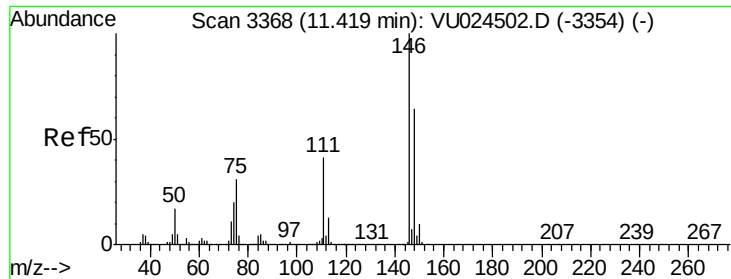


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU





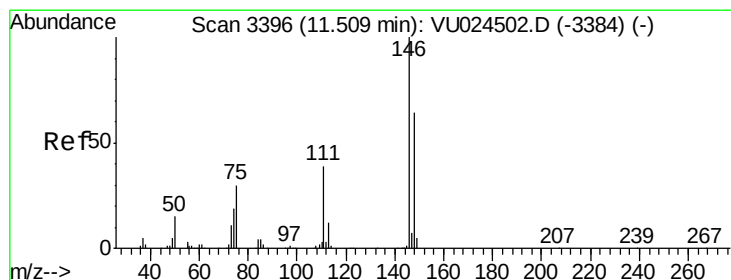
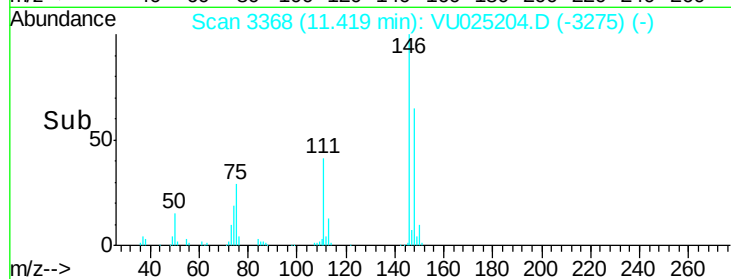
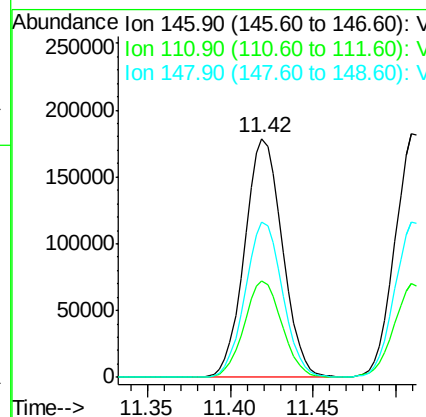
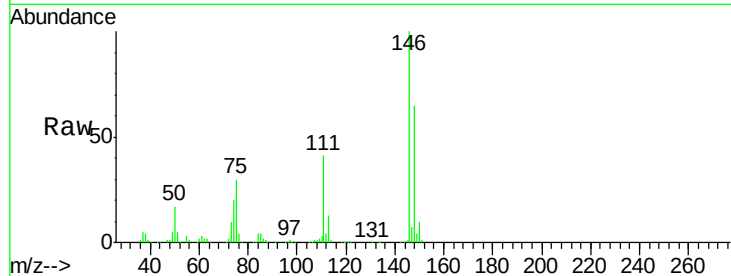
#87
 1,3-Dichlorobenzene
 Concen: 52.730 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	64.4	32.1	96.5

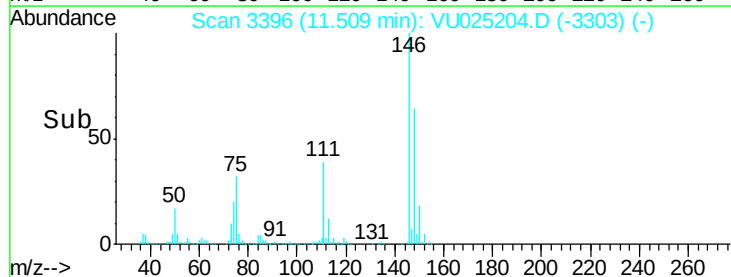
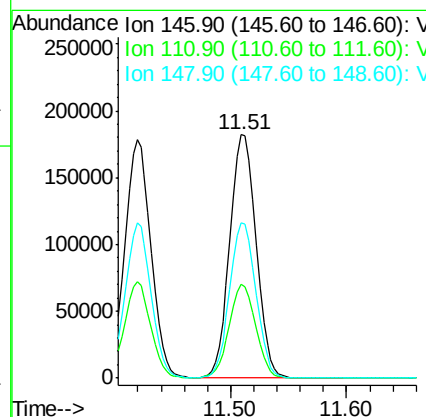
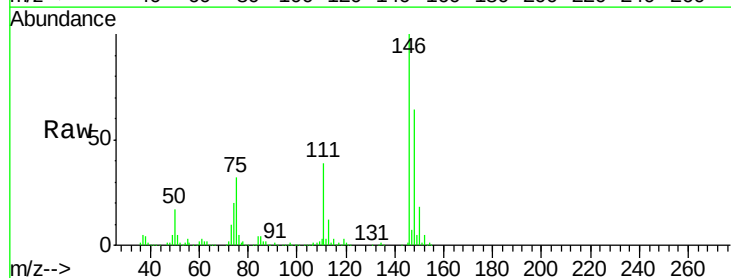
Manual Integrations
 APPROVED

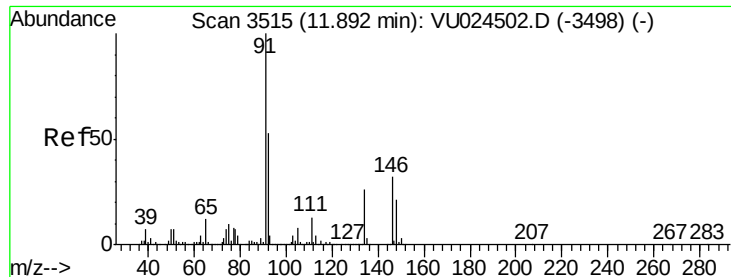
sam
 7/6/2018 4:21:29 PM



#88
 1,4-Dichlorobenzene
 Concen: 53.069 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	63.8	32.4	97.0





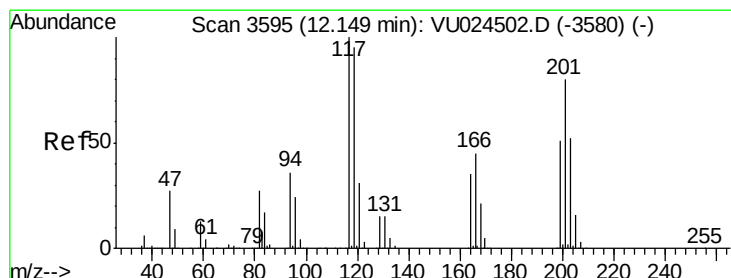
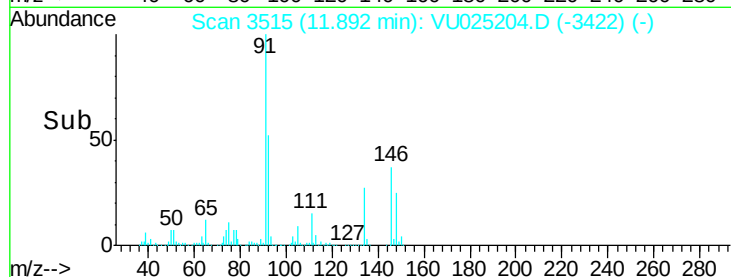
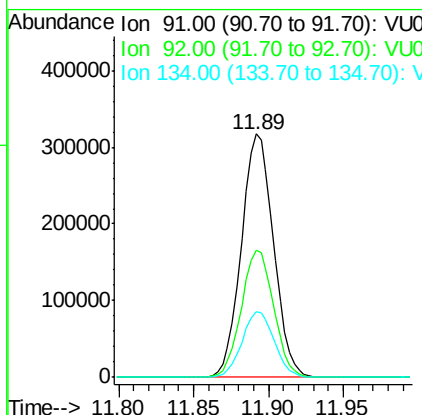
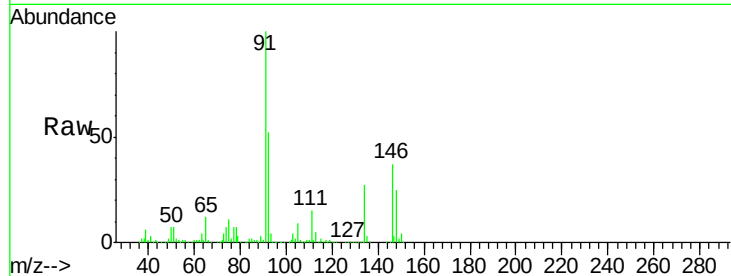
#89
n-Butylbenzene
Concen: 49.938 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.6	76.8
134	27.0	12.3	36.8

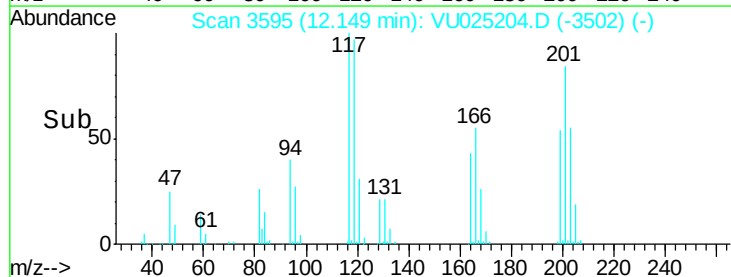
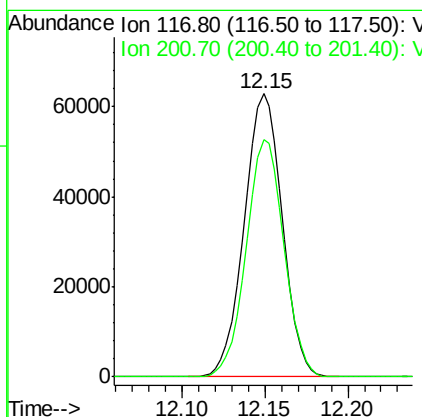
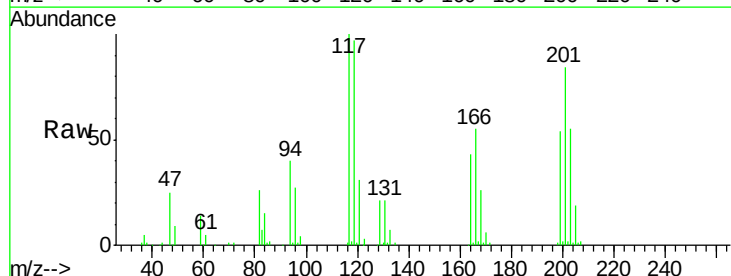
Manual Integrations
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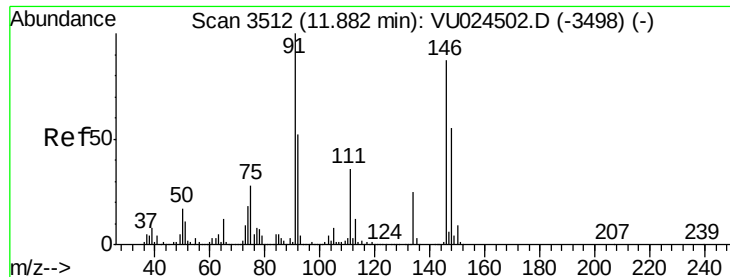
sam
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#90
Hexachloroethane
Concen: 48.048 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.2	41.1	123.3





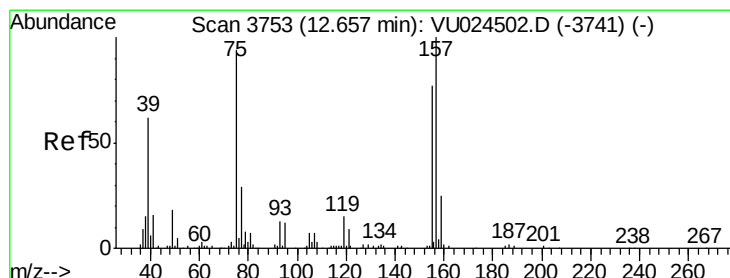
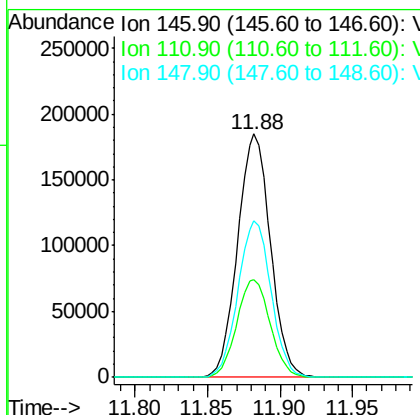
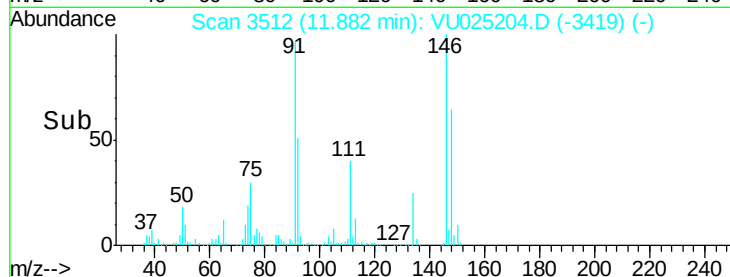
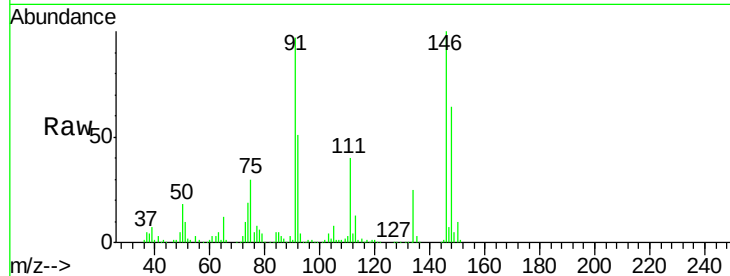
#91
 1,2-Dichlorobenzene
 Concen: 54.207 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.6
148	64.6	31.9	95.7

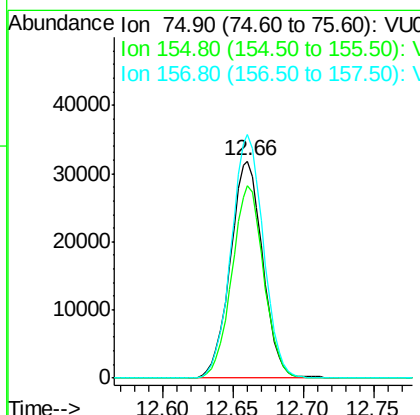
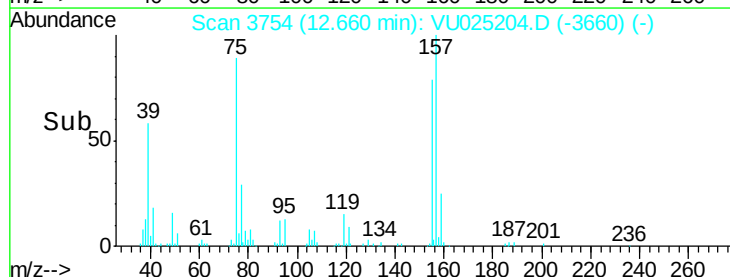
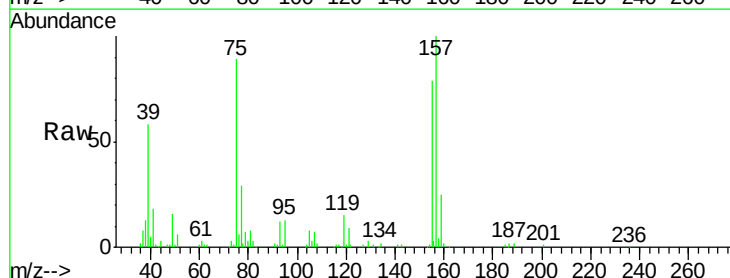
Manual Integrations
 APPROVED

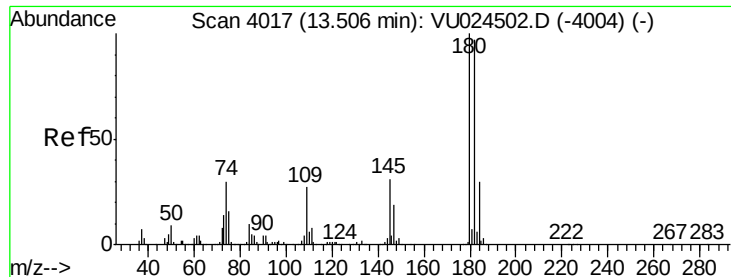
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.243 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.1	40.4	121.2
157	111.4	52.3	156.8





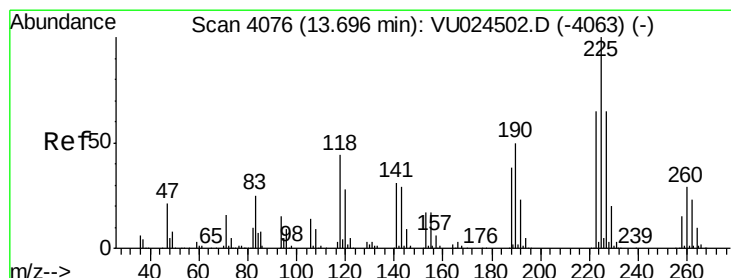
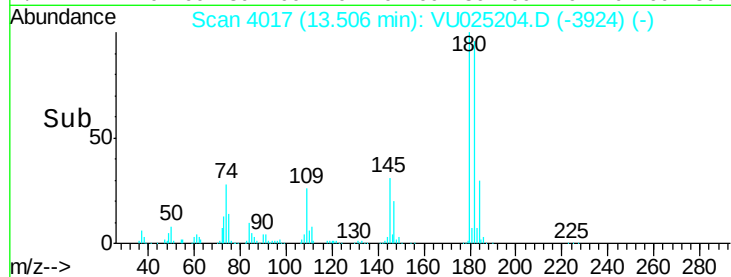
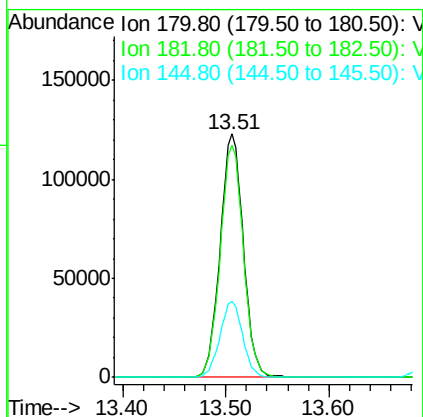
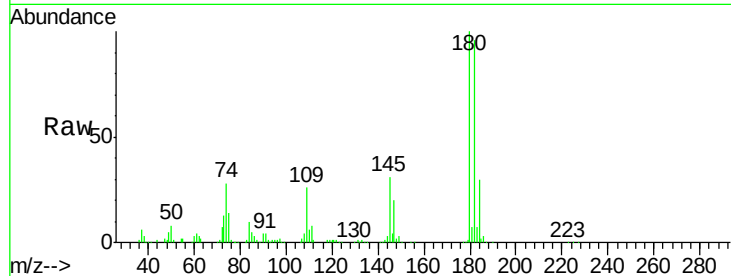
#93
 1,2,4-Trichlorobenzene
 Concen: 57.679 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	191357		
182	95.2	48.0	144.2	
145	30.5	14.7	44.1	

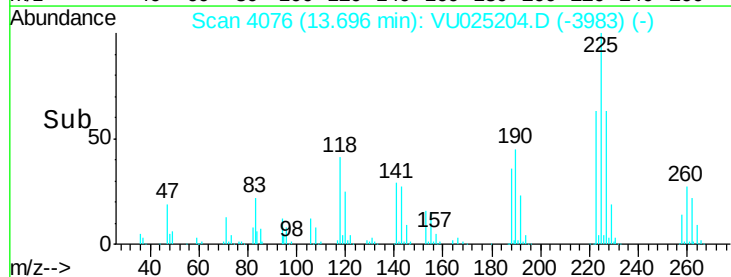
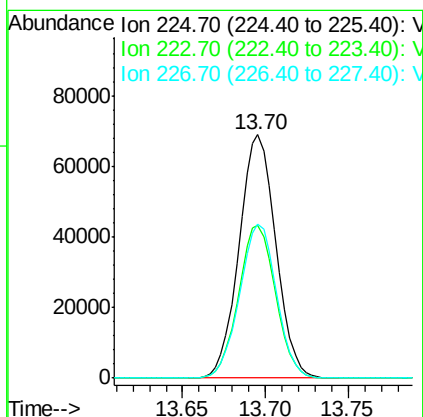
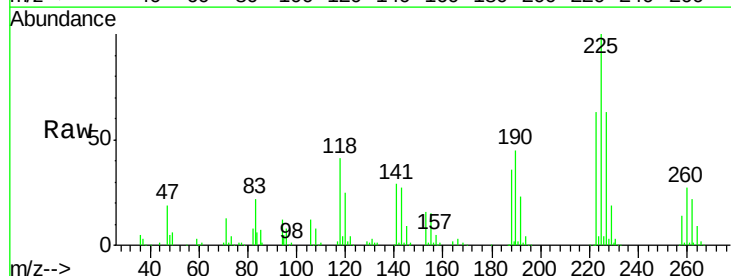
Manual Integrations
 APPROVED

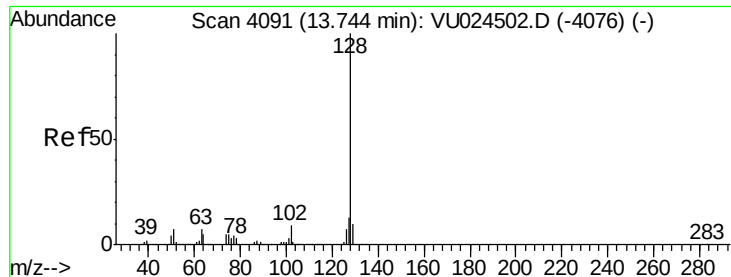
sam
 7/6/2018 4:21:29 PM



#94
 Hexachlorobutadiene
 Concen: 56.823 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	106108		
223	63.0	31.3	93.8	
227	63.3	31.8	95.4	





#95

Naphthalene

Concen: 53.581 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

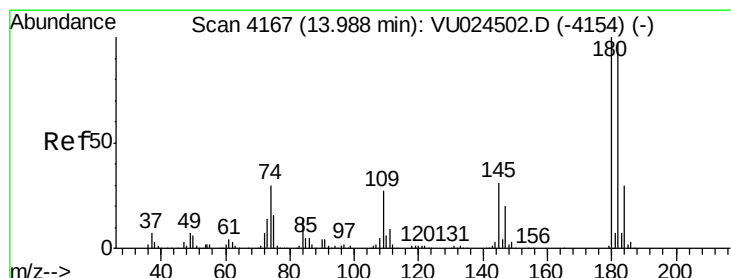
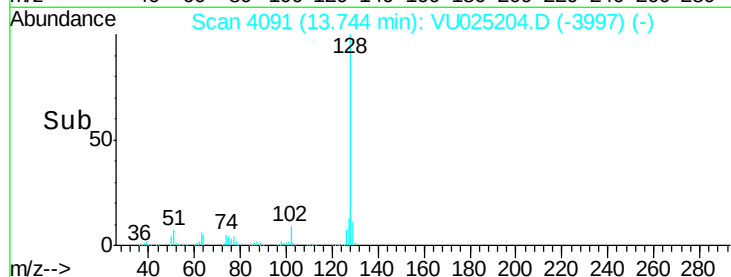
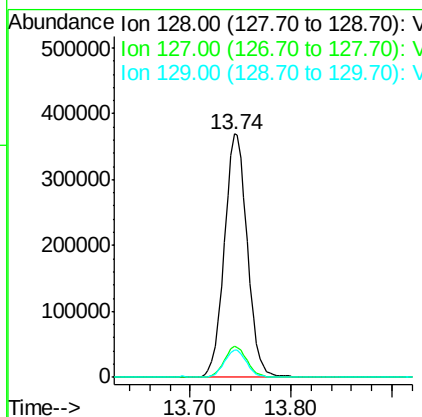
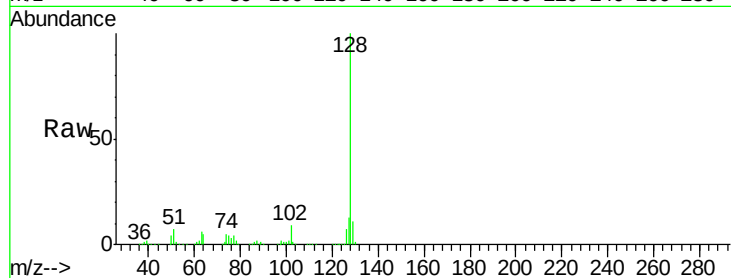
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	589022
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.6	16.0
129	10.9	8.6	12.8

Manual Integrations
APPROVED

sam
7/6/2018 4:21:29 PM



#96

1,2,3-Trichlorobenzene

Concen: 59.473 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Tgt Ion:	180	Resp:	196608
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.9	143.7
145	31.0	15.4	46.1

