

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025229.D
 Acq On : 05 Jul 2018 20:43
 Operator : MD/SY
 Sample : J3808-09MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

Manual Integrations
 APPROVED

sam
 7/6/2018 4:22:07 PM

Quant Time: Jul 06 07:15:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	165465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	258180	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	142723	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	116834	43.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.50%		
35) Dibromofluoromethane	4.89	113	98534	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.98%		
50) Toluene-d8	7.57	98	300546	38.45	ug/l	0.00
Spiked Amount 50.000			Recovery =	76.90%		
62) 4-Bromofluorobenzene	10.31	95	133814	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.24%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	68395	33.024	ug/l	99
3) Chloromethane	1.33	50	79152	37.408	ug/l	98
4) Vinyl Chloride	1.40	62	91975	42.149	ug/l	100
5) Bromomethane	1.62	94	50658	48.023	ug/l	99
6) Chloroethane	1.69	64	52962	43.293	ug/l	98
7) Trichlorofluoromethane	1.89	101	132361	39.746	ug/l	98
8) Diethyl Ether	2.10	74	51854	45.589	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	79483	38.472	ug/l	97
10) Methyl Iodide	2.41	142	86236	49.393	ug/l	98
11) Tert butyl alcohol	2.82	59	144475	219.912	ug/l	99
12) 1,1-Dichloroethene	2.28	96	74143	39.353	ug/l	96
13) Acrolein	2.19	56	94887	275.042	ug/l	98
14) Allyl chloride	2.59	41	126670	36.210	ug/l	97
15) Acrylonitrile	2.93	53	282573	221.070	ug/l	98
16) Acetone	2.32	43	274333	189.015	ug/l	98
17) Carbon Disulfide	2.48	76	201978	33.480	ug/l	99
18) Methyl Acetate	2.62	43	166456	53.498	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	306858	43.328	ug/l	96
20) Methylene Chloride	2.70	84	90607	39.787	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	83756	40.362	ug/l	93
22) Diisopropyl ether	3.57	45	291435	42.026	ug/l	98
23) Vinyl Acetate	3.53	43	1179410	189.859	ug/l	99
24) 1,1-Dichloroethane	3.45	63	166736	41.796	ug/l	99
25) 2-Butanone	4.26	43	420456	215.670	ug/l	97
26) 2,2-Dichloropropane	4.23	77	108448	28.629	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	131424	55.089	ug/l	93
28) Bromochloromethane	4.55	49	83685	47.625	ug/l #	83
29) Tetrahydrofuran	4.64	42	264268	218.895	ug/l	96
30) Chloroform	4.68	83	177498	43.959	ug/l	98
31) Cyclohexane	5.00	56	141569	39.549	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	155879	41.747	ug/l	95
36) 1,1-Dichloropropene	5.14	75	124887	41.165	ug/l	99
37) Ethyl Acetate	4.38	43	143118	43.282	ug/l	98
38) Carbon Tetrachloride	5.14	117	139599	41.844	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	146133	38.599	ug/l	96
40) Benzene	5.39	78	411270	47.575	ug/l	98
41) Methacrylonitrile	4.55	41	84436	47.361	ug/l	99
42) 1,2-Dichloroethane	5.41	62	148199	45.012	ug/l	100
43) Isopropyl Acetate	5.55	43	229985	40.238	ug/l	98
44) Trichloroethene	6.19	130	117821	47.889	ug/l	93
45) 1,2-Dichloropropane	6.44	63	97100	42.096	ug/l	98
46) Dibromomethane	6.56	93	71822	44.329	ug/l	95
47) Bromodichloromethane	6.76	83	133114	41.259	ug/l	96
48) Methyl methacrylate	6.62	41	123055	44.214	ug/l	98
49) 1,4-Dioxane	6.61	88	55483	1019.368	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	792272	220.634	ug/l	99
52) Toluene	7.64	92	233797	42.037	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	137952	38.076	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	144098	37.325	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	99391	43.963	ug/l	97
56) Ethyl methacrylate	8.02	69	155109	40.992	ug/l	100
57) 1,3-Dichloropropane	8.25	76	164595	43.159	ug/l	99
59) 2-Hexanone	8.36	43	631904	215.548	ug/l	99
60) Dibromochloromethane	8.48	129	110459	39.181	ug/l	99
61) 1,2-Dibromoethane	8.59	107	107430	42.694	ug/l	99
64) Tetrachloroethene	8.23	164	83956	36.328	ug/l	97
65) Chlorobenzene	9.12	112	474643	76.418	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	102062	43.252	ug/l	97
67) Ethyl Benzene	9.25	91	458551	42.113	ug/l	99
68) m/p-Xylenes	9.38	106	350846	83.910	ug/l	97
69) o-Xylene	9.78	106	177991	43.014	ug/l	94
70) Stvrene	9.80	104	281662	41.420	ug/l	99
71) Bromoform	9.96	173	85494	38.118	ug/l #	100
73) Isopropylbenzene	10.17	105	473782	43.237	ug/l	100
74) N-amyl acetate	10.01	43	201085	38.581	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	165064	44.953	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	148144m	47.146	ug/l	
77) Bromobenzene	10.46	156	120253	43.349	ug/l	93
78) n-propylbenzene	10.59	91	529333	41.008	ug/l	97
79) 2-Chlorotoluene	10.66	91	325121	42.711	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	404893	42.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	49668m	36.583	ug/l	
82) 4-Chlorotoluene	10.78	91	367817	41.516	ug/l	100
83) tert-Butylbenzene	11.10	119	423038	46.305	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	409298	42.288	ug/l	100
85) sec-Butylbenzene	11.33	105	515401	45.069	ug/l	92
86) p-Isopropyltoluene	11.48	119	422802	41.281	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	224619	43.827	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	229460	44.482	ug/l	100
89) n-Butylbenzene	11.89	91	341205	37.524	ug/l	97
90) Hexachloroethane	12.15	117	76512	38.295	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	288939	56.285	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	43372	42.807	ug/l	93
93) 1,2,4-Trichlorobenzene	13.51	180	139532	44.016	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	75199	42.146	ug/l	99
95) Naphthalene	13.74	128	505026	48.149	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	152260	48.203	ug/l	98

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

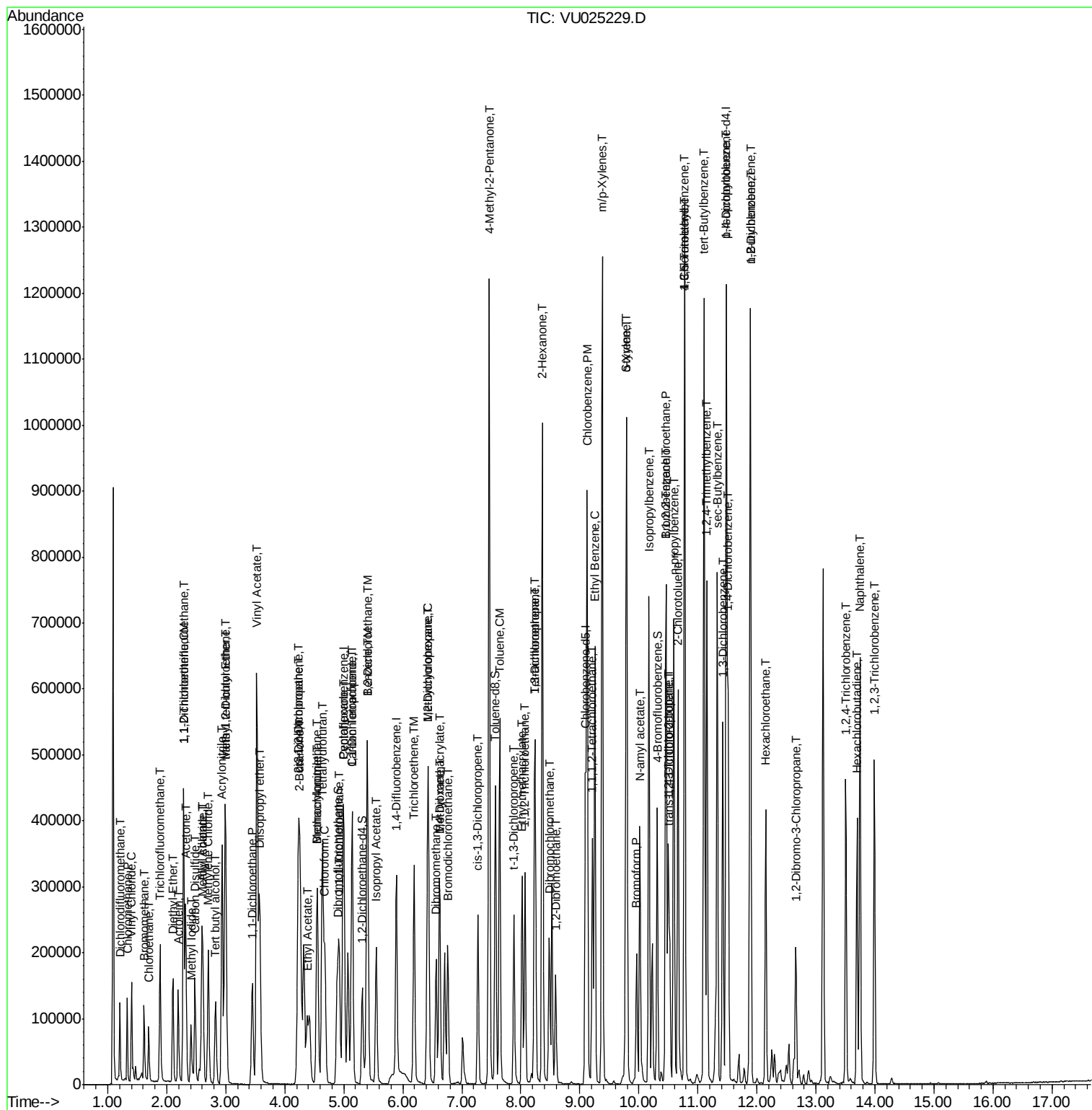
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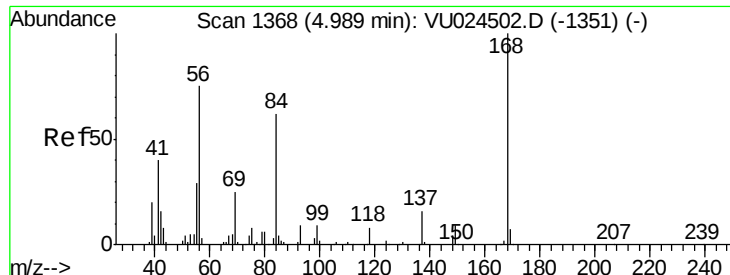
Instrument :
MSVOA_U
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MSD

Tot Ion:168 Resp: 165465

Ion Ratio Lower Upper

168 100

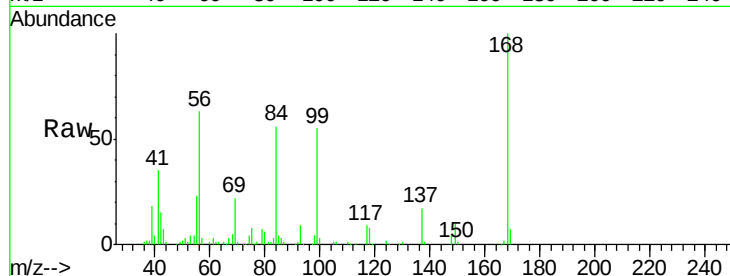
99 54.7 43.2 64.8

Manual Integrations

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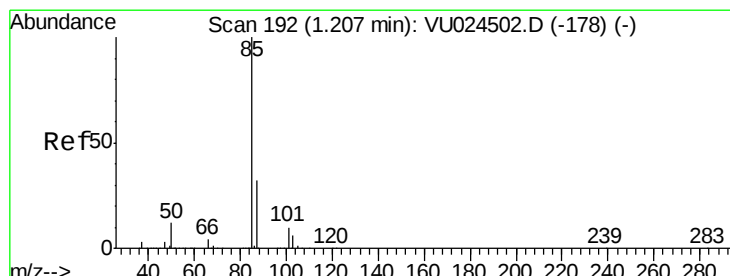
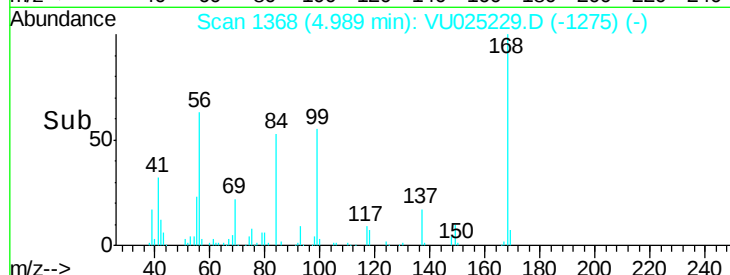
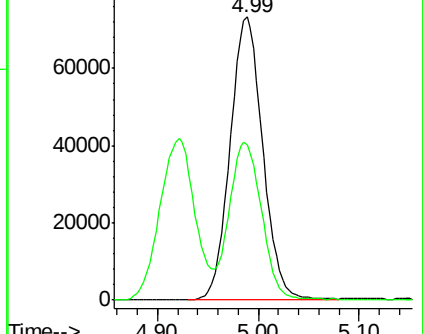
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 33.024 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025229.D

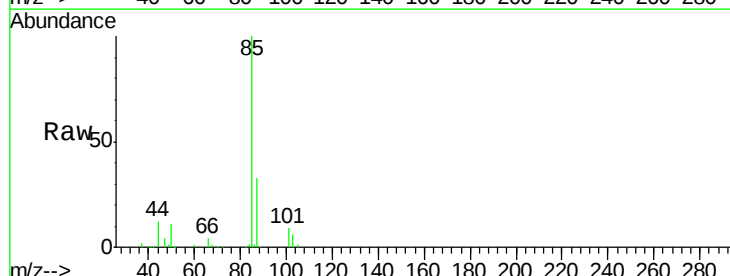
Acq: 05 Jul 2018 20:43

Tgt Ion: 85 Resp: 68395

Ion Ratio Lower Upper

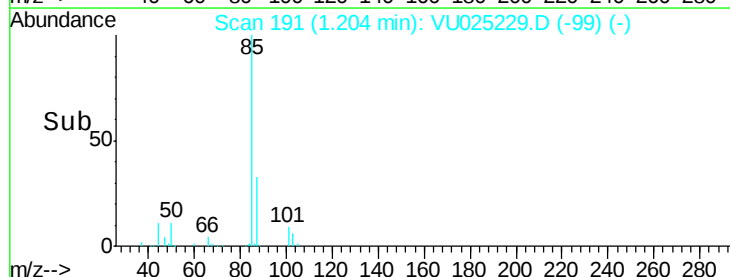
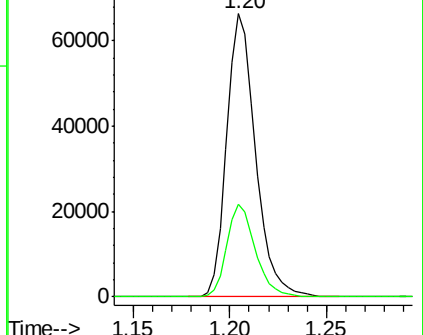
85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 37.408 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MSD

Tot Ion: 50 Resp: 79152

Ion Ratio Lower Upper

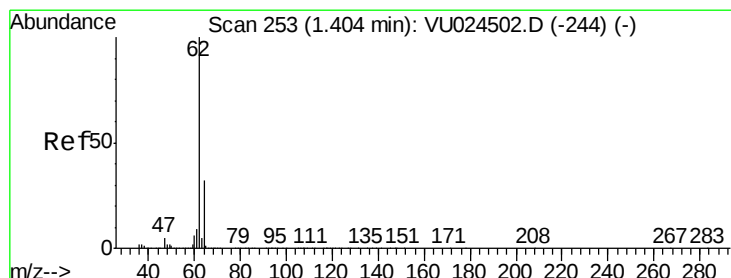
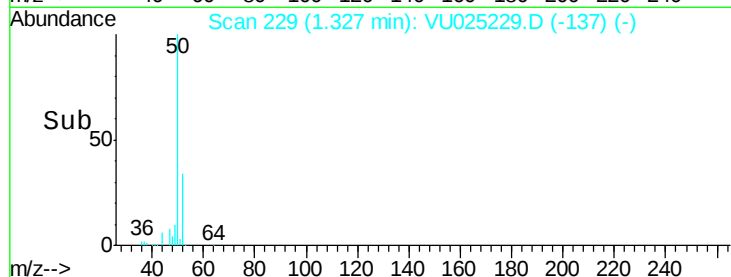
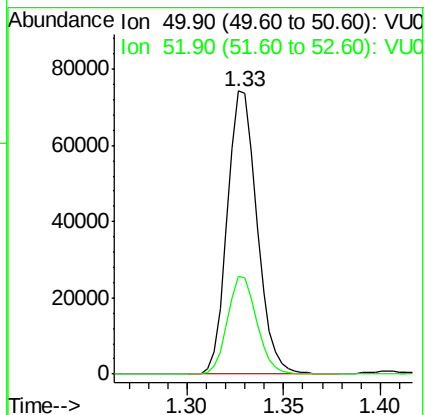
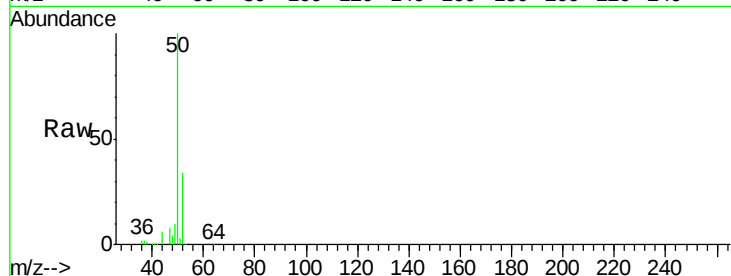
50 100

52 34.3 26.4 39.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 42.149 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025229.D

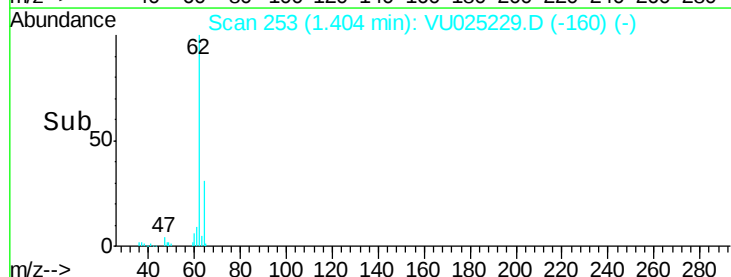
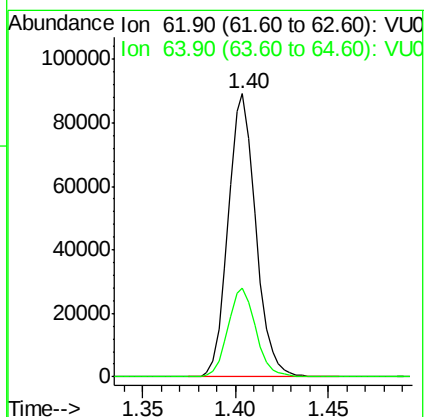
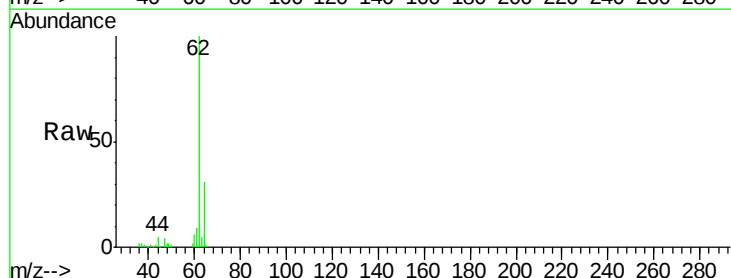
Acq: 05 Jul 2018 20:43

Tgt Ion: 62 Resp: 91975

Ion Ratio Lower Upper

62 100

64 31.1 24.8 37.2





#5

Bromomethane

Concen: 48.023 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MSD

Tot Ion: 94 Resp: 50658

Ion Ratio Lower Upper

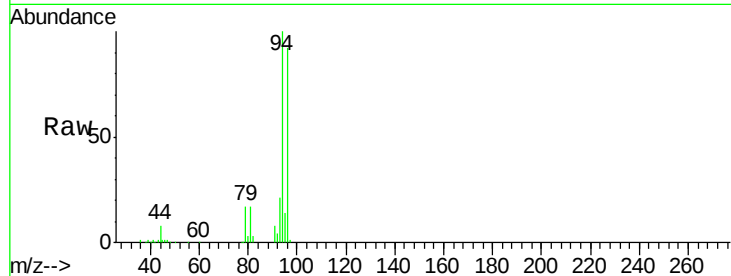
94 100

96 91.7 74.5 111.7

Manual Integrations
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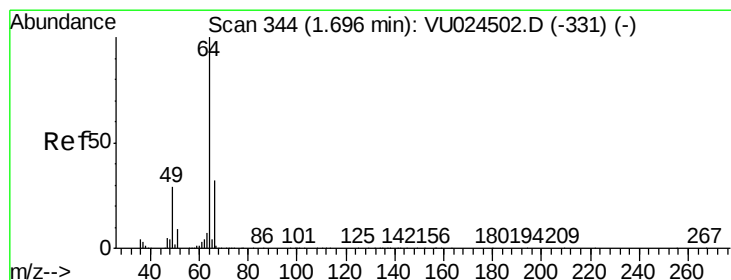
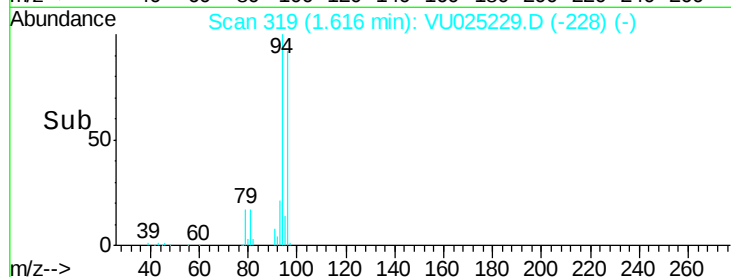
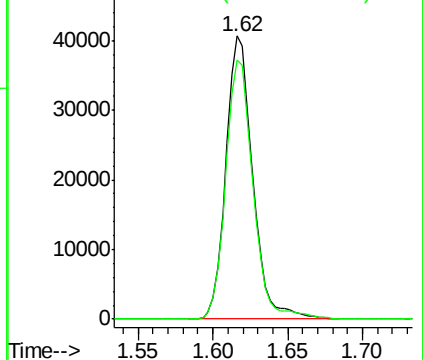
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 43.293 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025229.D

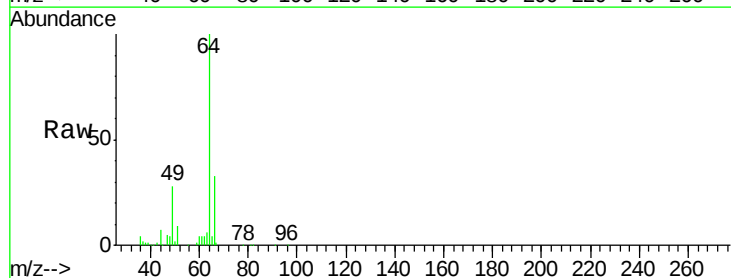
Acq: 05 Jul 2018 20:43

Tgt Ion: 64 Resp: 52962

Ion Ratio Lower Upper

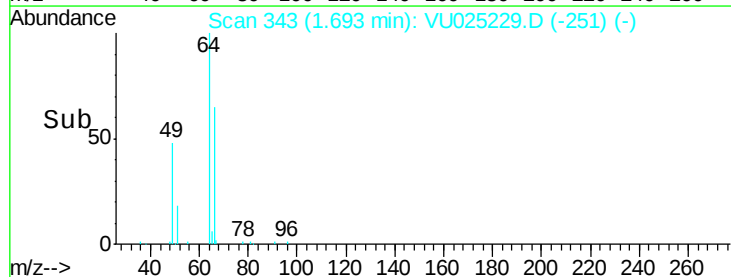
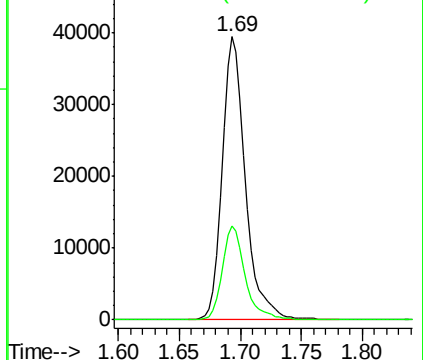
64 100

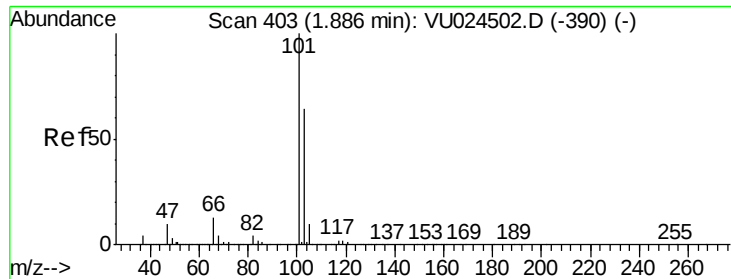
66 33.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

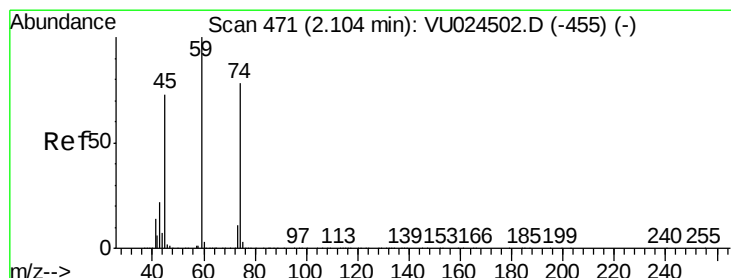
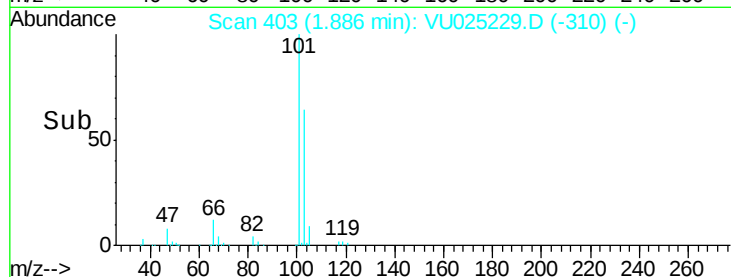
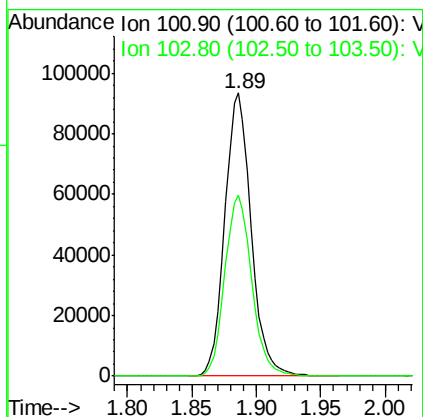
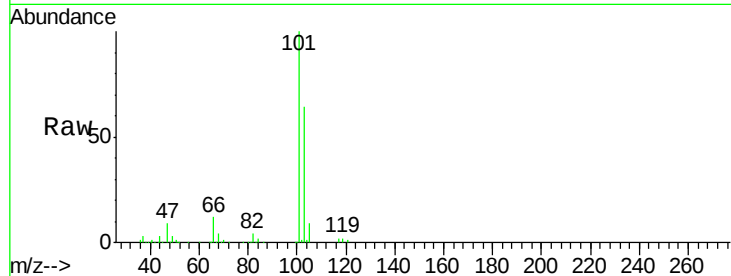
Trichlorofluoromethane
Concen: 39.746 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.3	78.5

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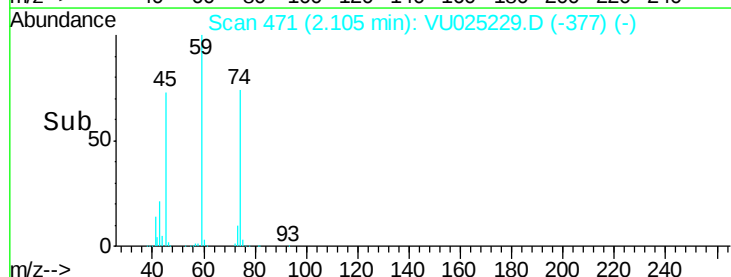
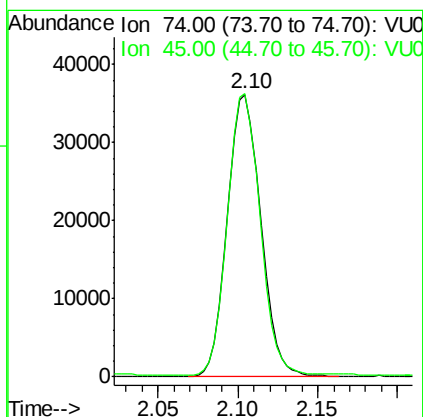
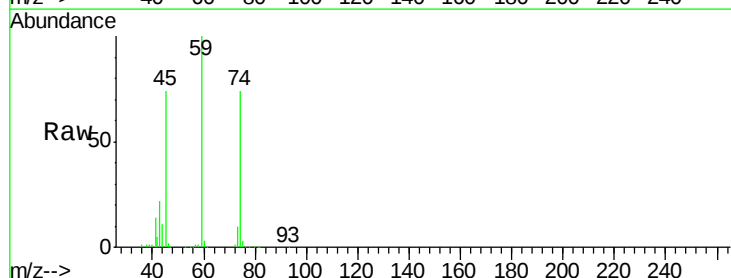
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#8

Diethyl Ether
Concen: 45.589 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025229.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	55.0	165.0





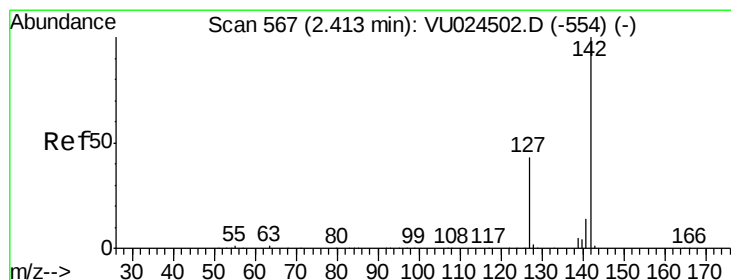
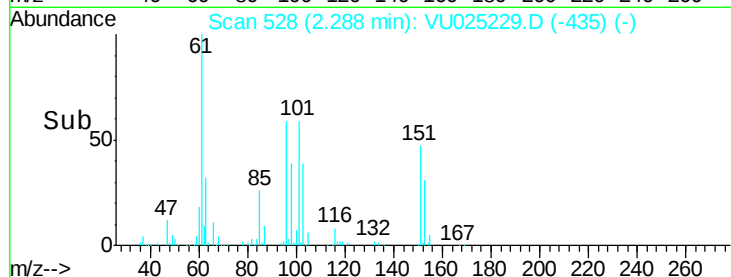
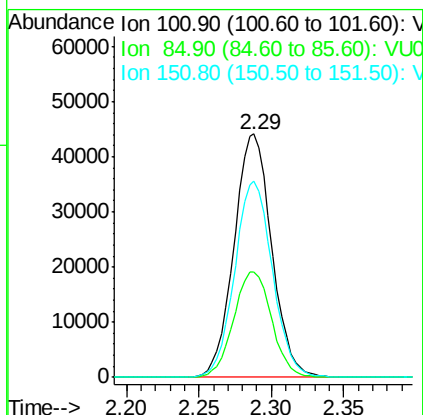
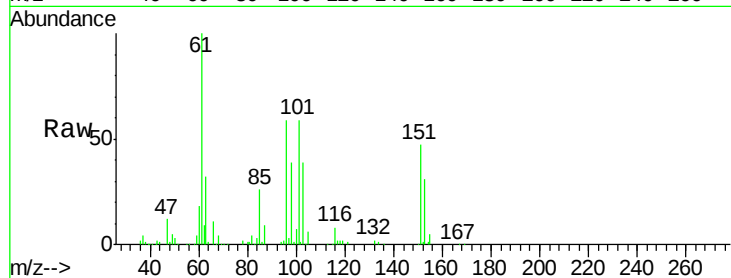
#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.472 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.7	36.0	54.0
151	81.2	62.3	93.5

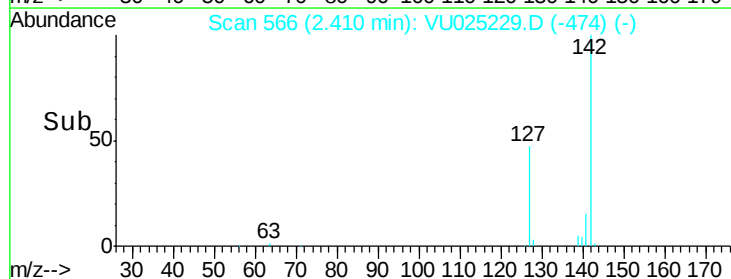
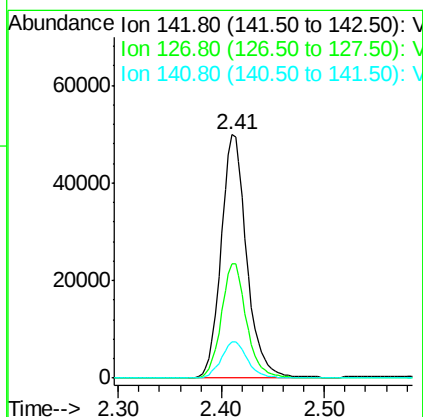
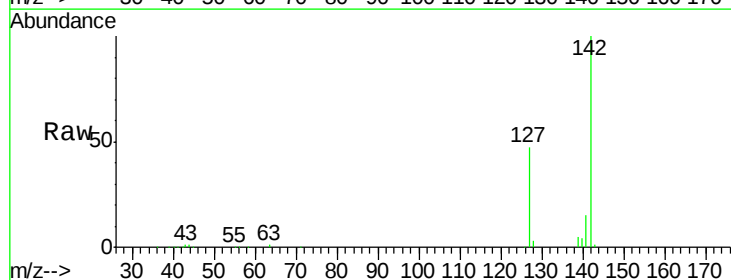
Manual Integrations
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sam
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#10
Methyl Iodide
Concen: 49.393 ug/l
RT: 2.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.2	35.6	53.4
141	15.2	11.7	17.5





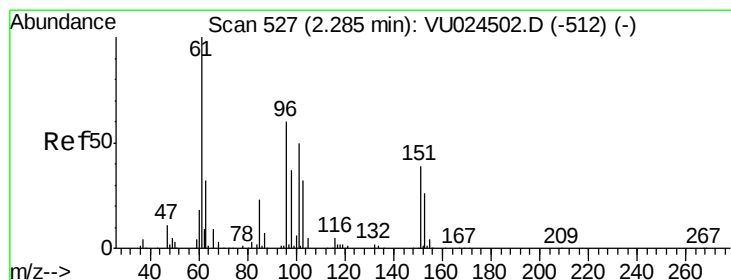
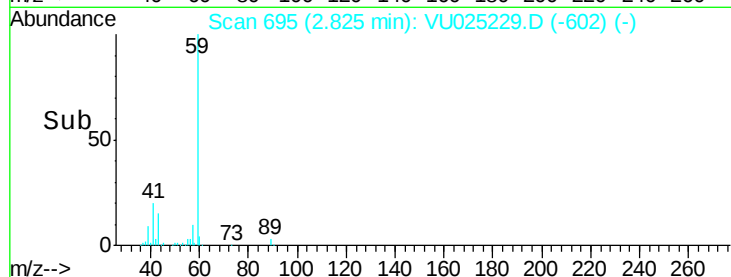
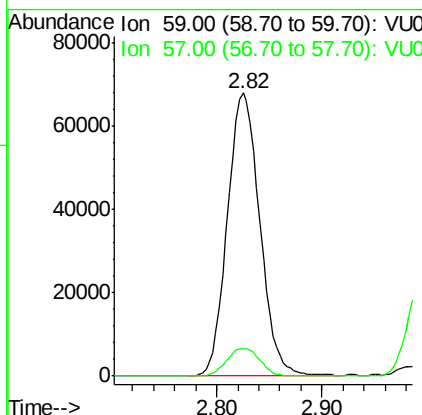
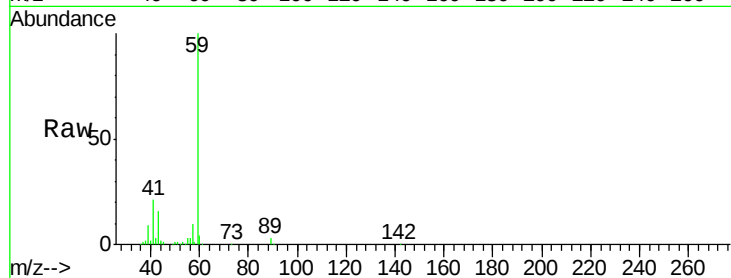
#11
Tert butyl alcohol
Concen: 219.912 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion	59	Resp	144475
Ion Ratio	100	Lower	Upper
57	10.3	8.5	12.7

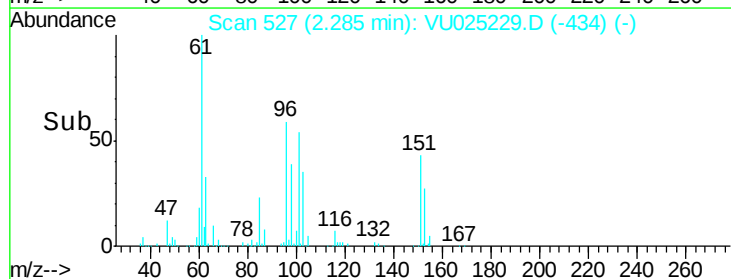
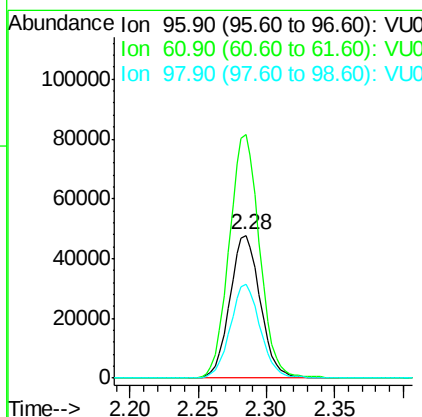
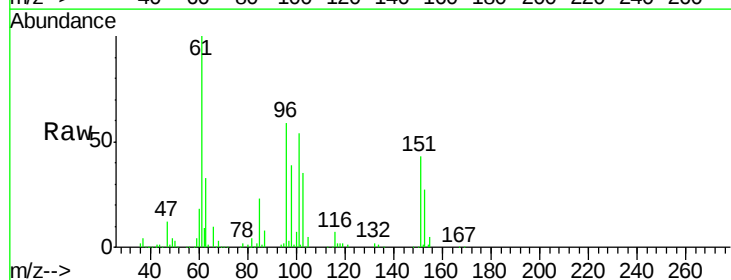
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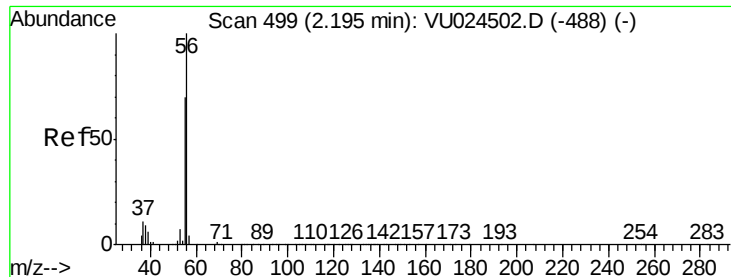
sam
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#12
1,1-Dichloroethene
Concen: 39.353 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion	96	Resp	74143
Ion Ratio	100	Lower	Upper
61	170.8	141.7	212.5
98	65.8	51.6	77.4





#13

Acrolein

Concen: 275.042 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MSD

Tot Ion: 56 Resp: 94887

Ion Ratio Lower Upper

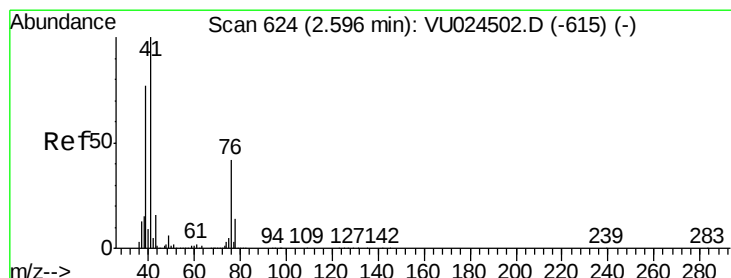
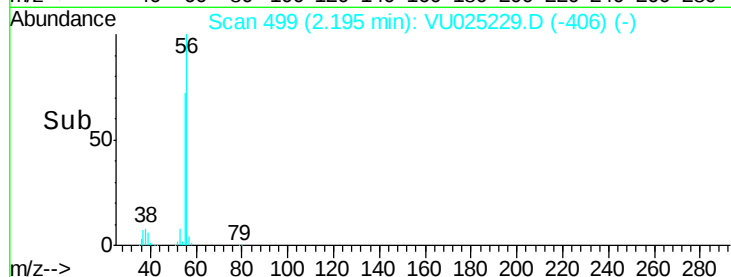
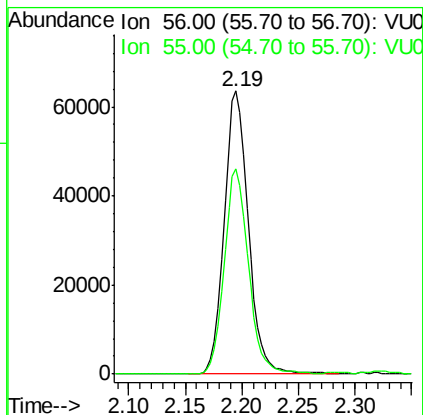
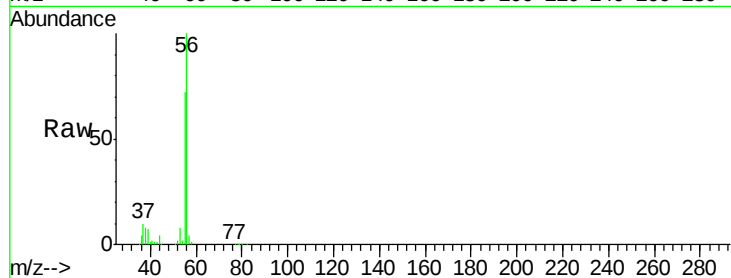
56 100

55 71.7 58.4 87.6

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#14

Allyl chloride

Concen: 36.210 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

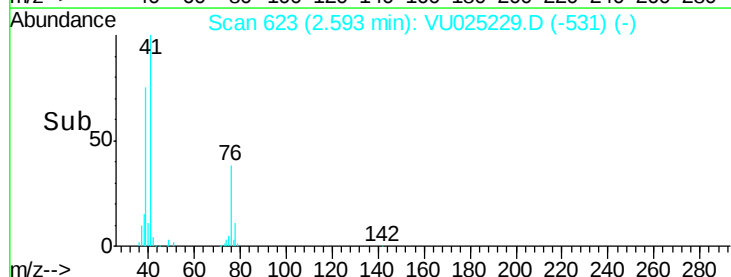
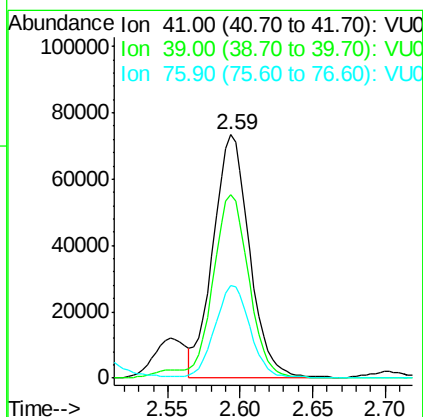
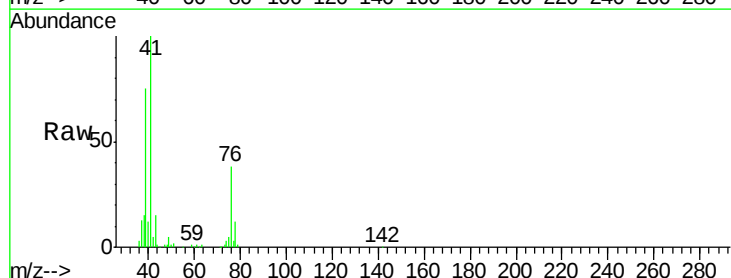
Tgt Ion: 41 Resp: 126670

Ion Ratio Lower Upper

41 100

39 73.7 61.6 92.4

76 37.3 29.7 44.5





#15

Acrylonitrile

Concen: 221.070 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

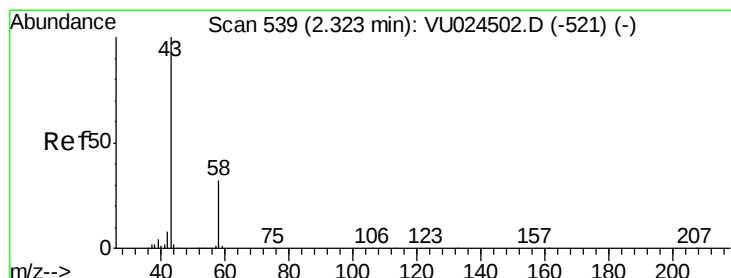
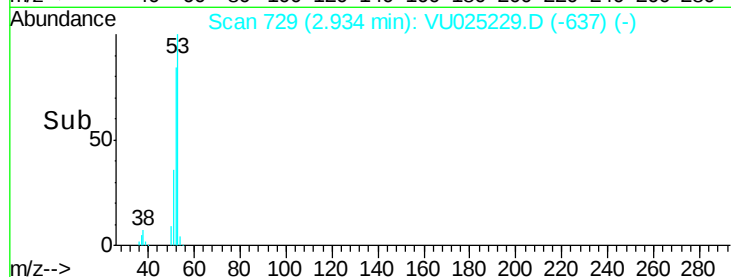
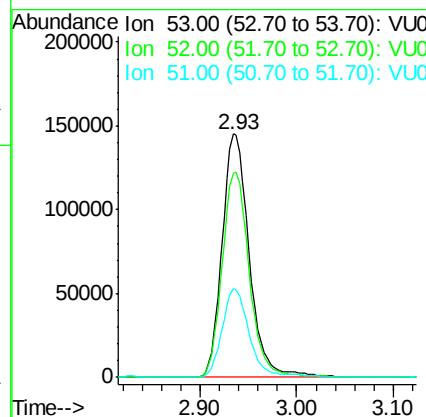
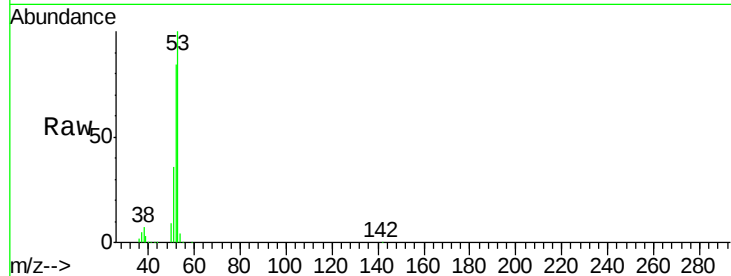
ClientSampleId :

WP021MW470-180628MSD

Tot Ion:	53	Resp:	282573
Ion Ratio	Lower	Upper	
53	100		
52	85.1	67.1	100.7
51	37.2	28.4	42.6

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#16

Acetone

Concen: 189.015 ug/l

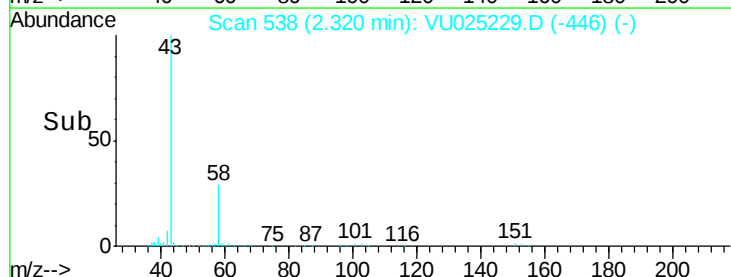
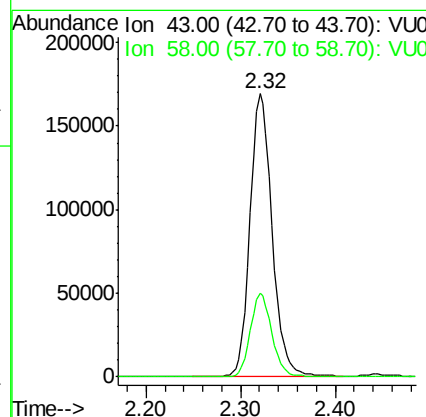
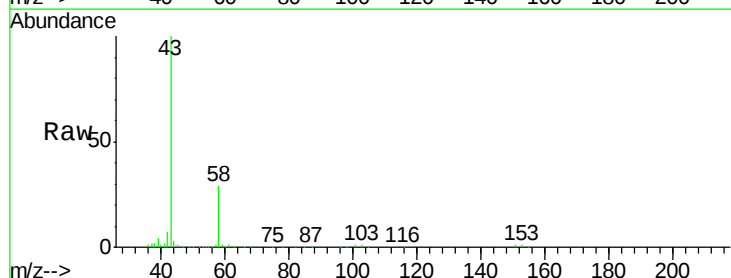
RT: 2.32 min Scan# 538

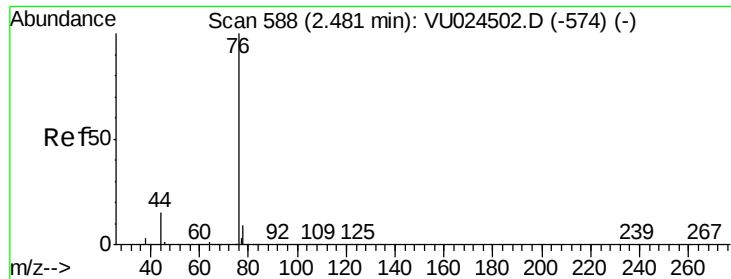
Delta R.T. -0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Tgt Ion:	43	Resp:	274333
Ion Ratio	Lower	Upper	
43	100		
58	29.3	24.4	36.6





#17

Carbon Disulfide

Concen: 33.480 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MSD

Tot Ion: 76 Resp: 201978

Ion Ratio Lower Upper

76 100

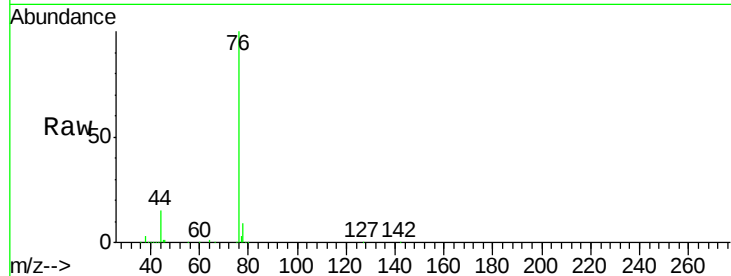
78 9.3 7.1 10.7

Manual Integrations

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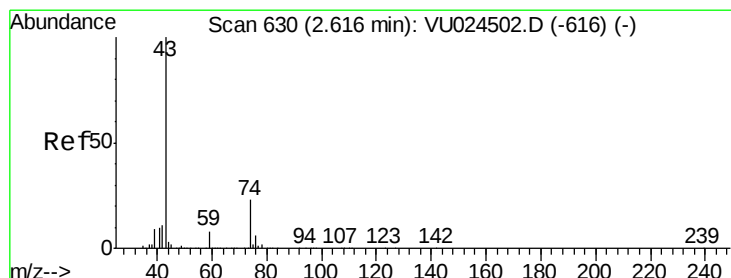
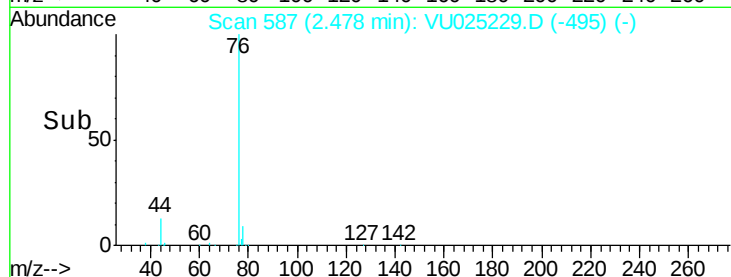
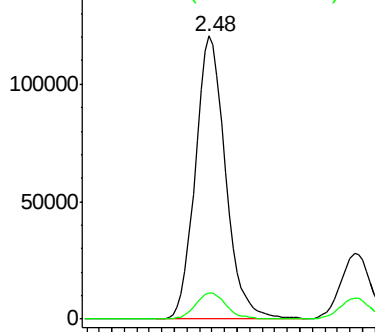
sam

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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: 53.498 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025229.D

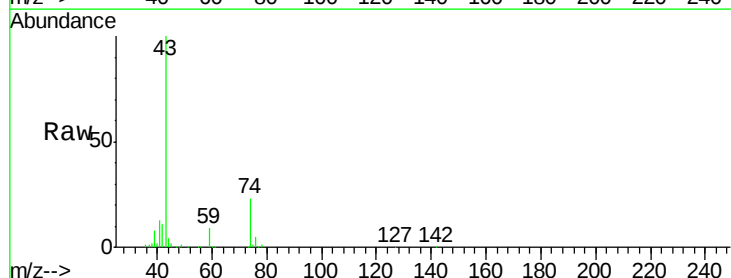
Acq: 05 Jul 2018 20:43

Tgt Ion: 43 Resp: 166456

Ion Ratio Lower Upper

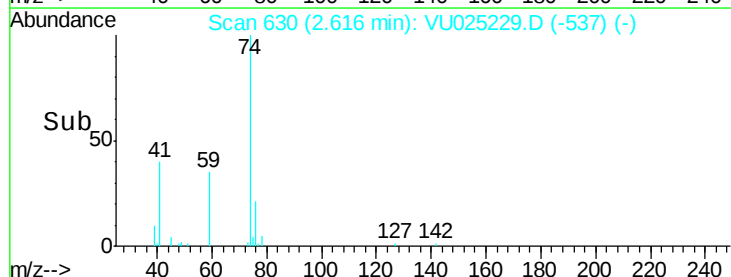
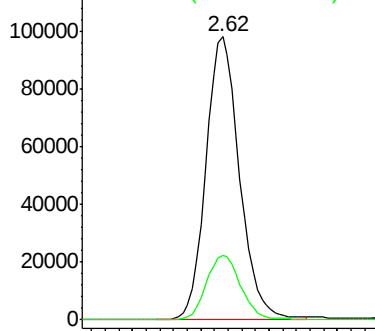
43 100

74 23.6 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





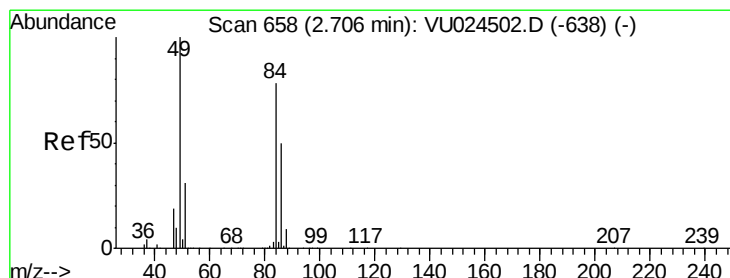
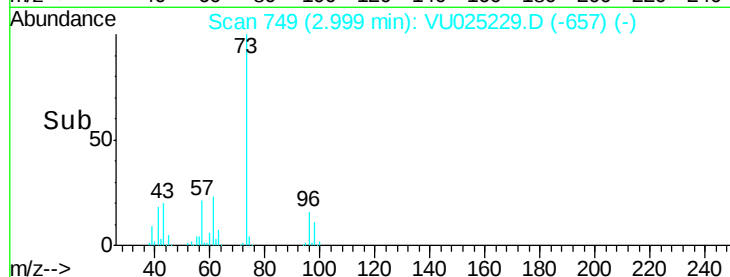
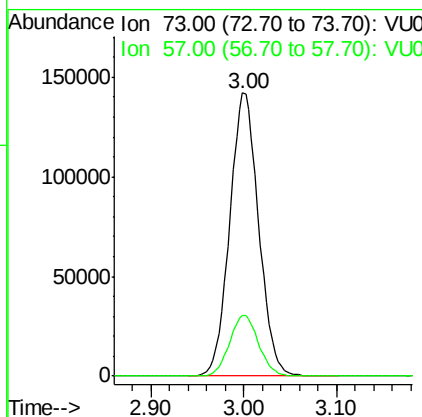
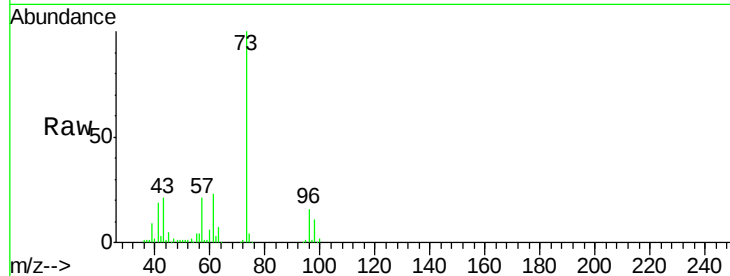
#19
Methvl tert-butvl Ether
Concen: 43.328 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion: 73 Resp: 306858
Ion Ratio Lower Upper
73 100
57 21.3 18.8 28.2

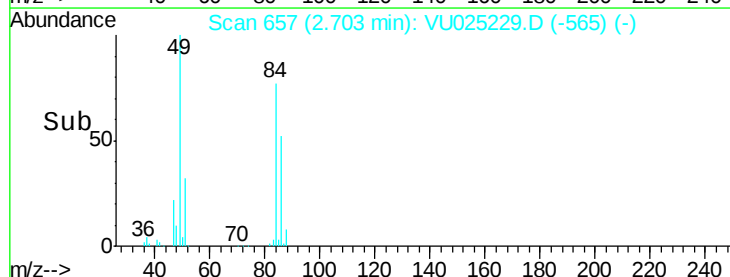
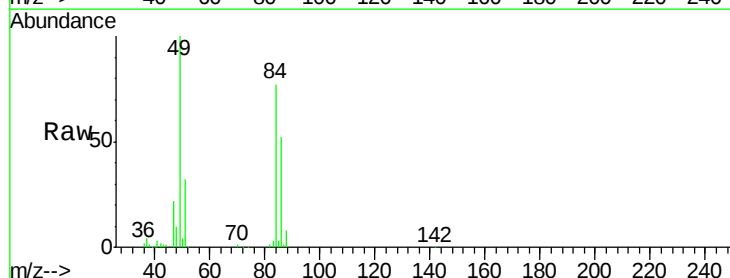
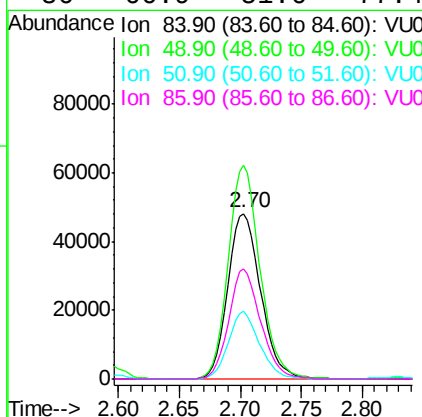
Manual Integrations
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#20
Methylene Chloride
Concen: 39.787 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion: 84 Resp: 90607
Ion Ratio Lower Upper
84 100
49 129.1 103.8 155.8
51 40.7 32.0 48.0
86 66.9 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 40.362 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

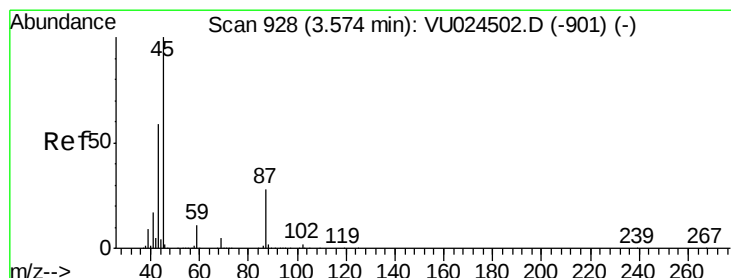
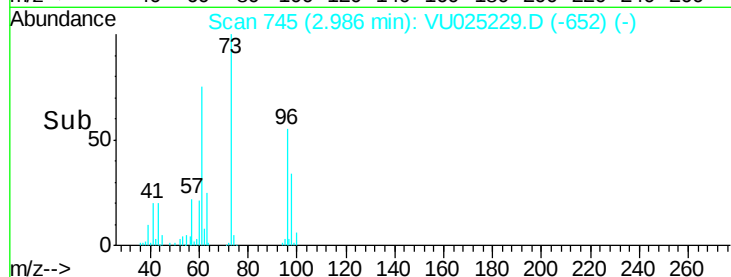
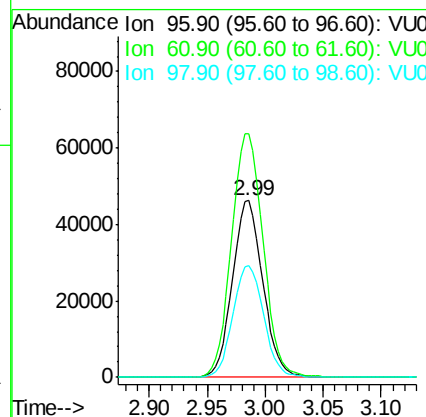
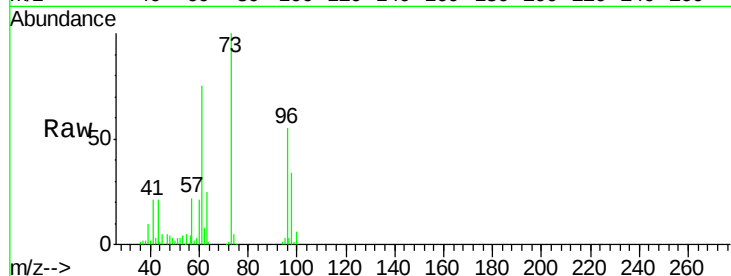
ClientSampleId :

WP021MW470-180628MSD

Tot Ion:	96	Resp:	83756
Ion Ratio	Lower	Upper	
96	100		
61	137.6	119.4	179.0
98	63.2	51.1	76.7

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#22

Diisopropyl ether

Concen: 42.026 ug/l

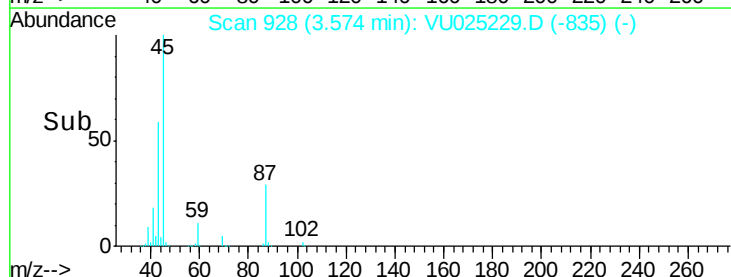
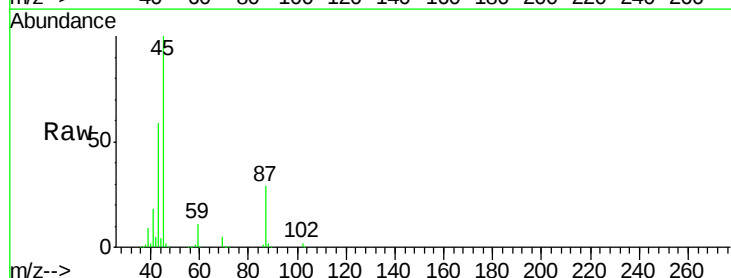
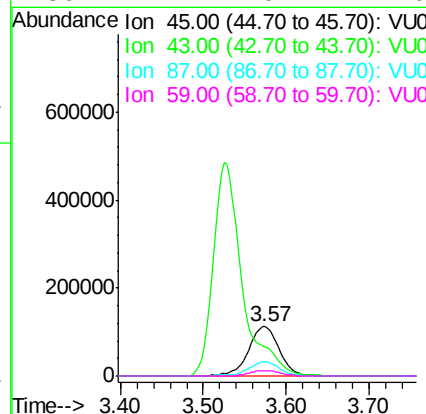
RT: 3.57 min Scan# 928

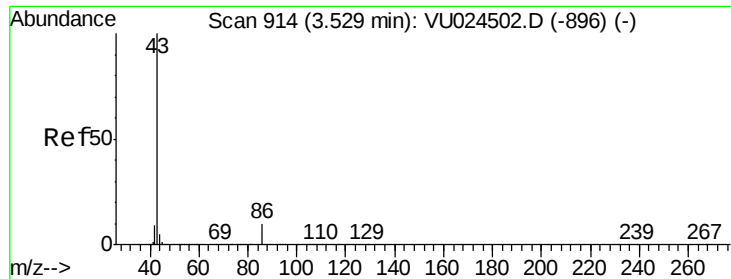
Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Tgt Ion:	45	Resp:	291435
Ion Ratio	Lower	Upper	
45	100		
43	58.0	45.8	68.6
87	28.9	20.6	31.0
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 189.859 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MSD

Tot Ion: 43 Resp: 1179410

Ion Ratio Lower Upper

43 100

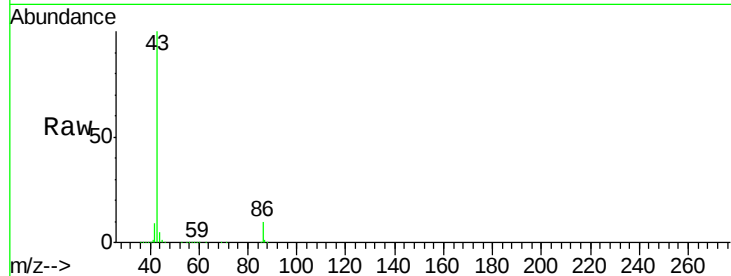
86 10.3 7.8 11.8

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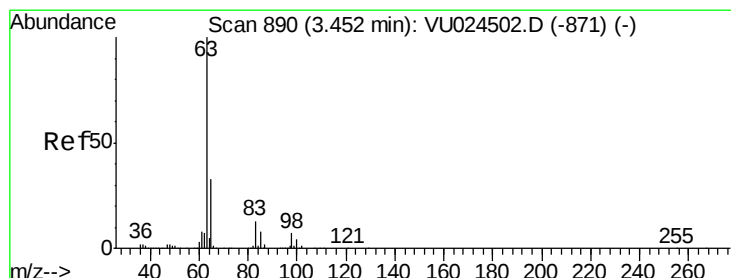
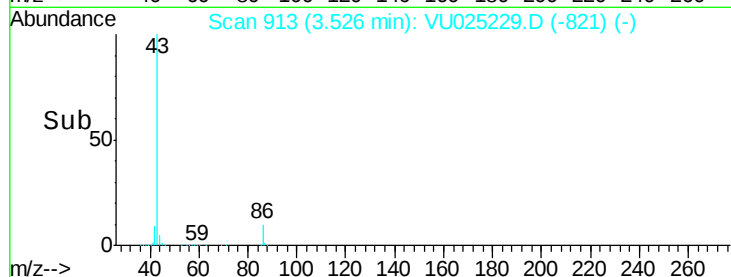
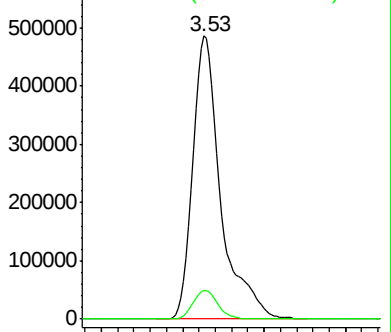
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 41.796 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

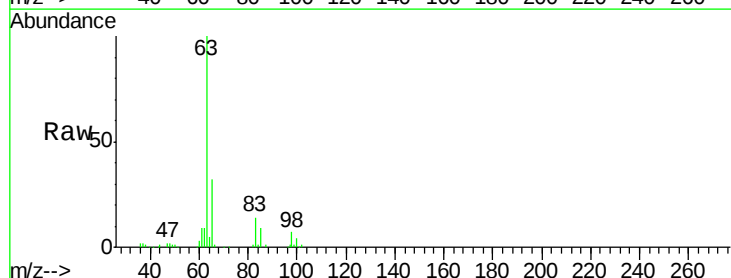
Tgt Ion: 63 Resp: 166736

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

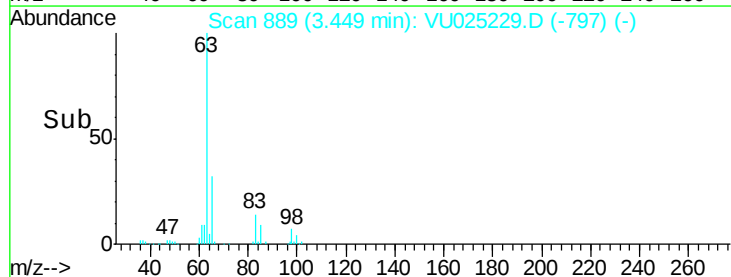
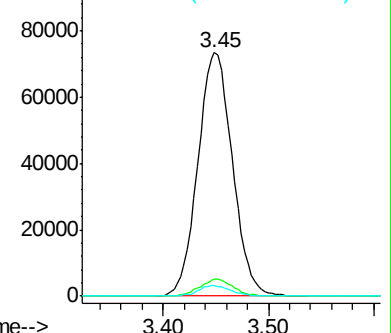
100 4.3 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





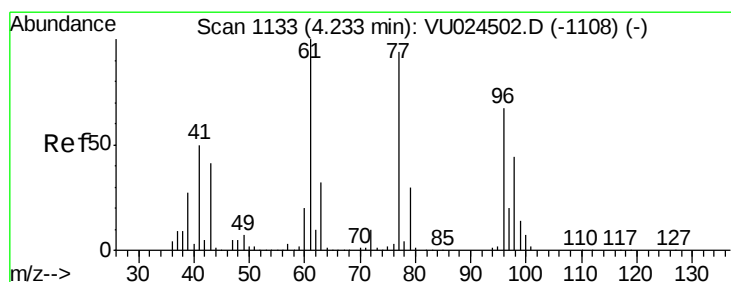
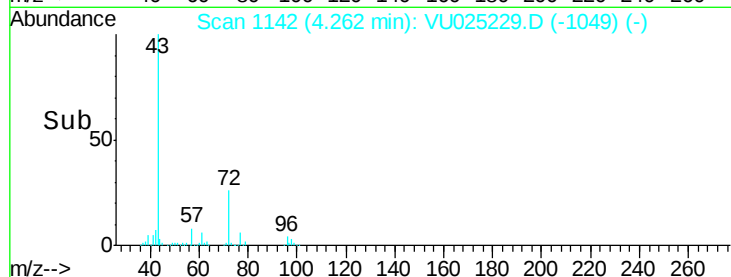
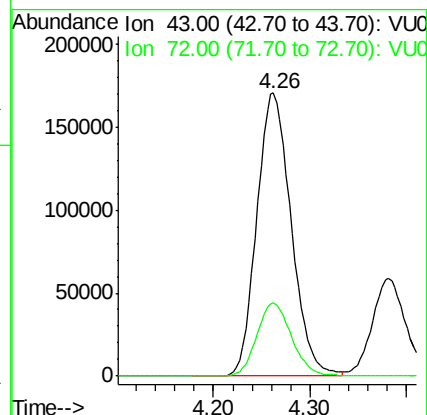
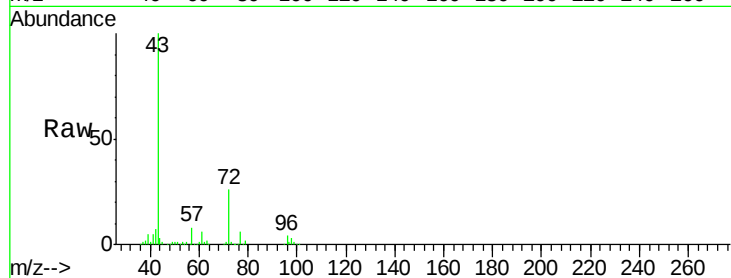
#25
2-Butanone
Concen: 215.670 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion: 43 Resp: 420456
Ion Ratio Lower Upper
43 100
72 25.8 19.6 29.4

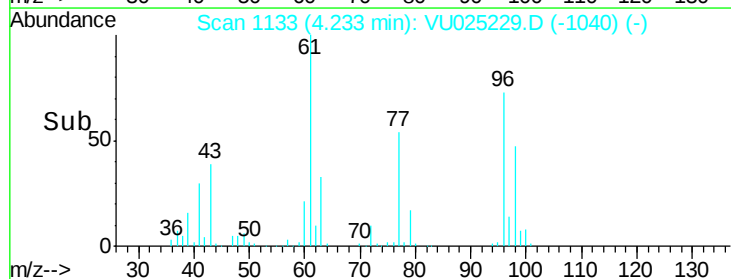
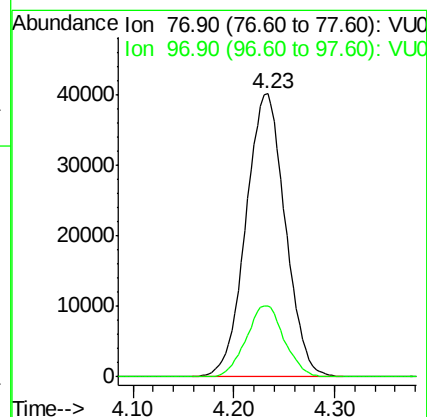
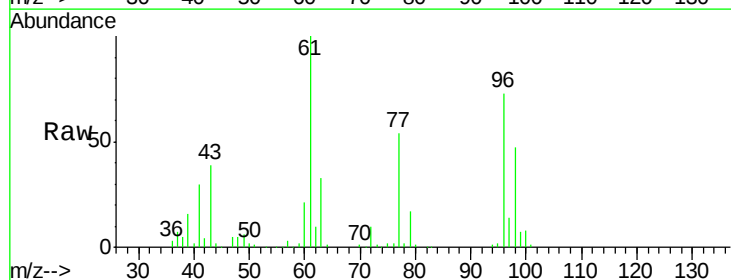
Manual Integrations
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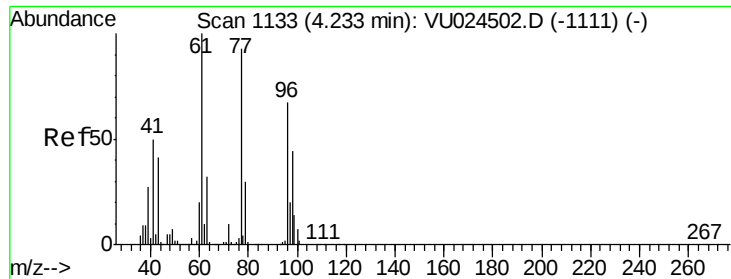
sam
7/6/2018 4:22:07 PM



#26
2,2-Dichloropropane
Concen: 28.629 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion: 77 Resp: 108448
Ion Ratio Lower Upper
77 100
97 24.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 55.089 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

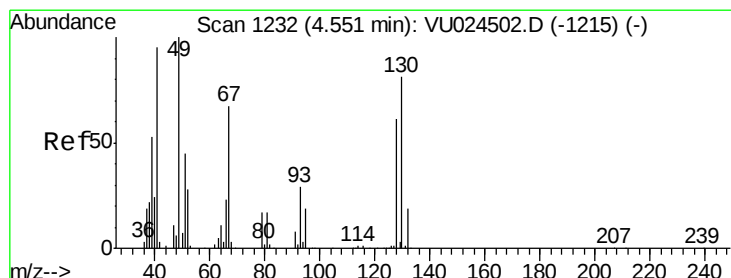
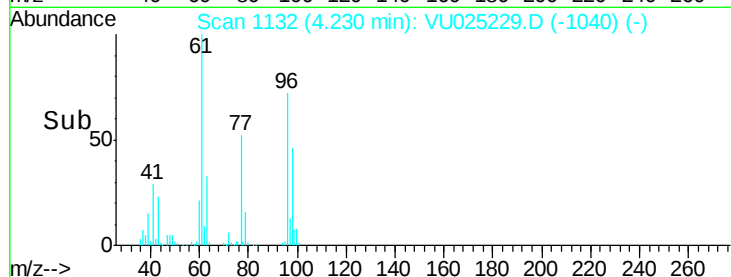
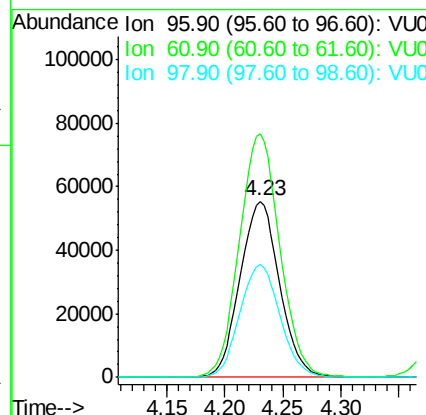
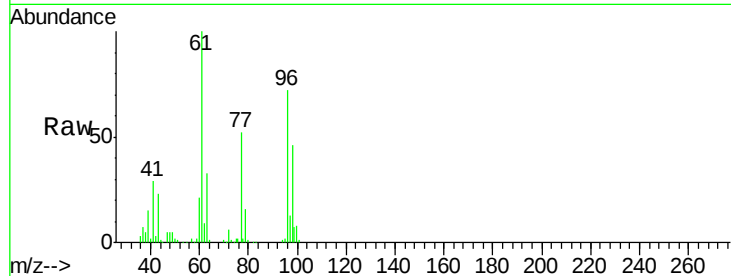
WP021MW470-180628MSD

Tot Ion:	96	Resp:	131424
Ion Ratio	Lower	Upper	
96	100		
61	141.7	0.0	306.6
98	65.4	0.0	128.8

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#28

Bromochloromethane

Concen: 47.625 ug/l

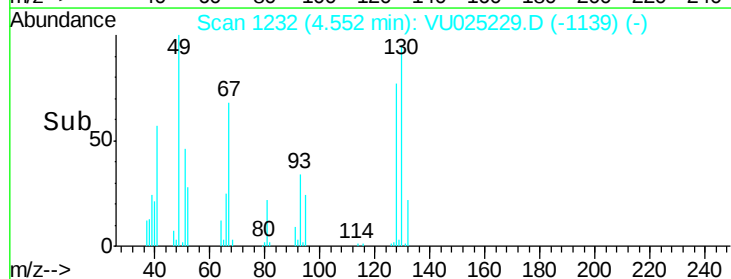
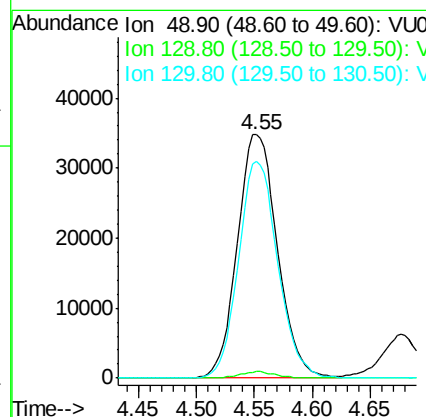
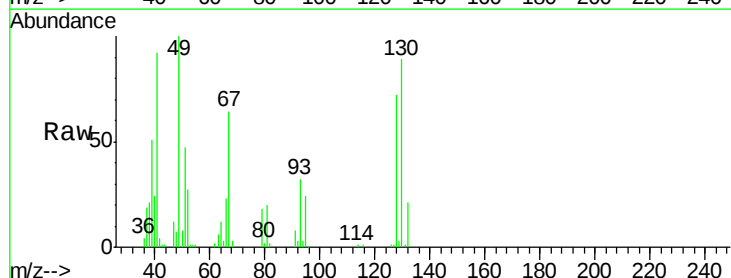
RT: 4.55 min Scan# 1232

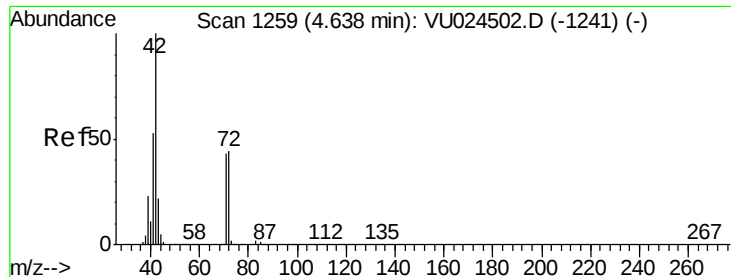
Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Tgt Ion:	49	Resp:	83685
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	3.8
130	87.1	57.8	86.6#





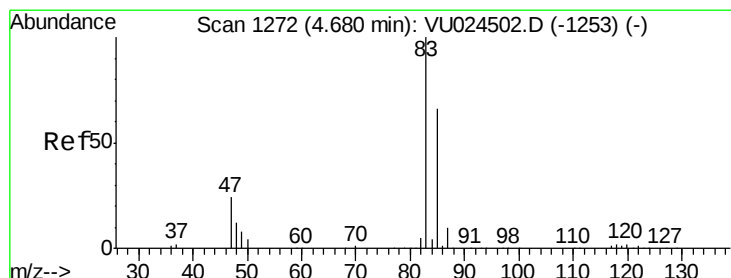
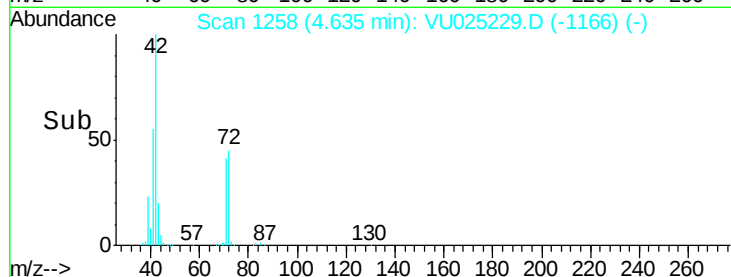
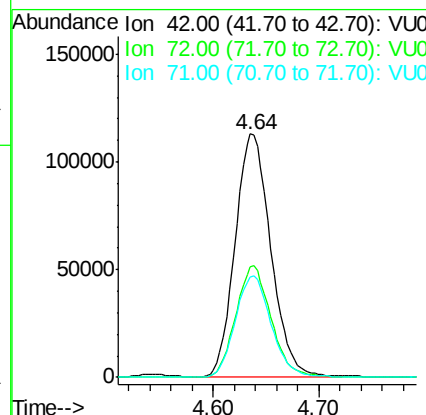
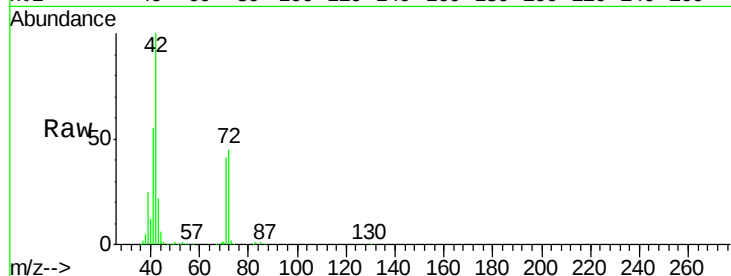
#29
Tetrahydrofuran
Concen: 218.895 ug/l
RT: 4.64 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	34.5	51.7
71	42.2	32.2	48.4

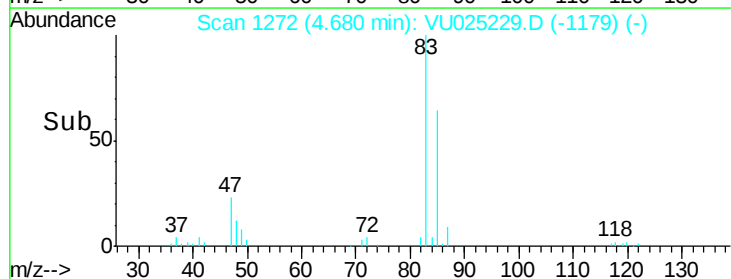
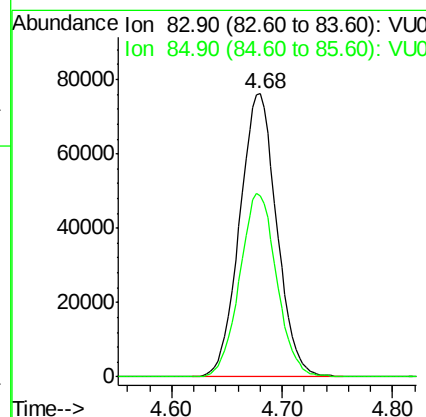
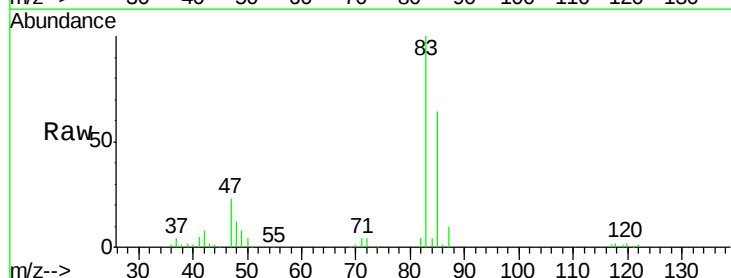
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#30
Chloroform
Concen: 43.959 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.4	78.6





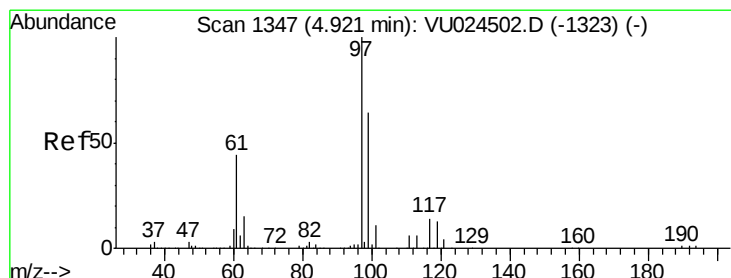
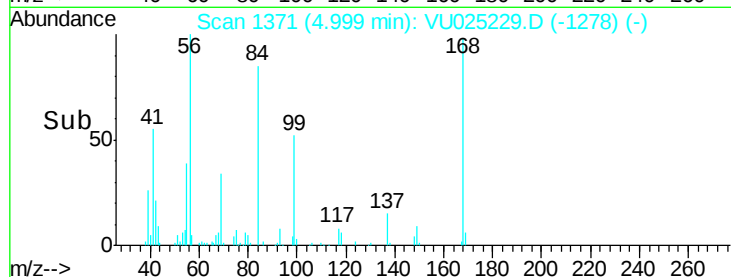
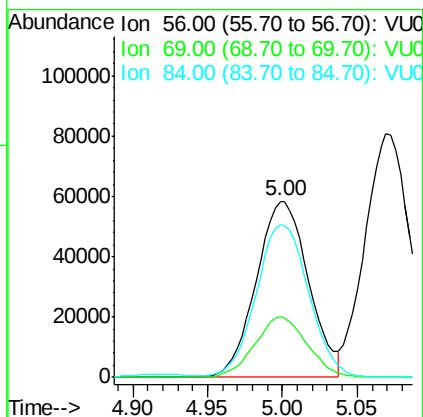
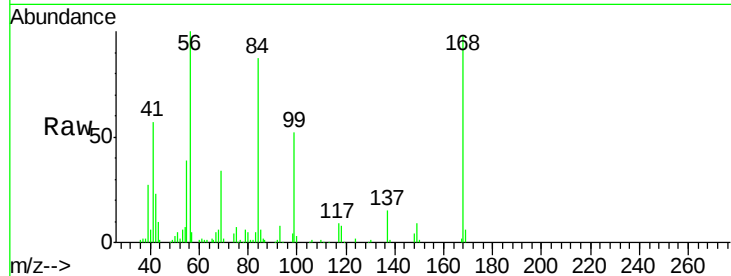
#31
Cyclohexane
Concen: 39.549 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	24.8	37.2
84	85.6	65.2	97.8

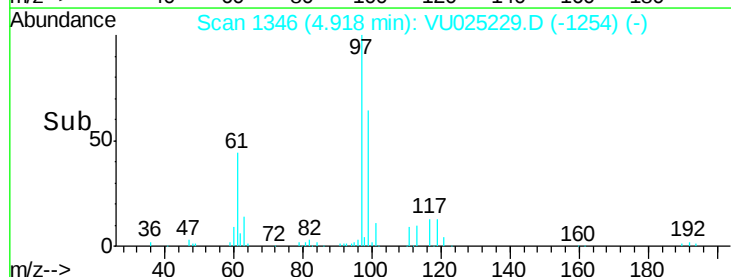
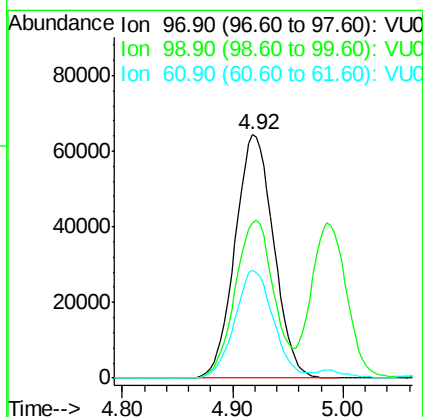
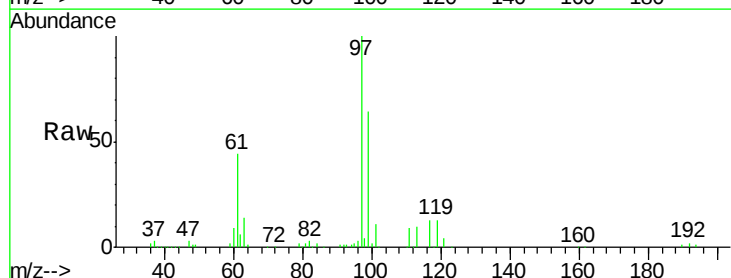
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#32
1,1,1-Trichloroethane
Concen: 41.747 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.0	76.6
61	44.3	39.4	59.0





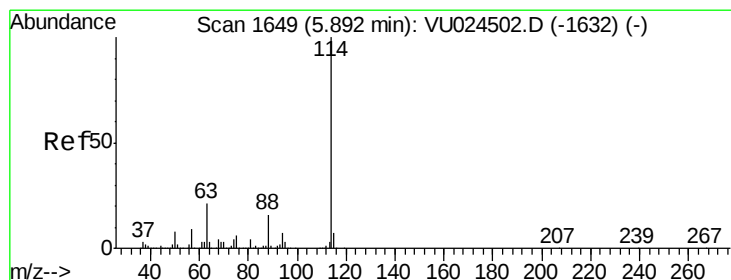
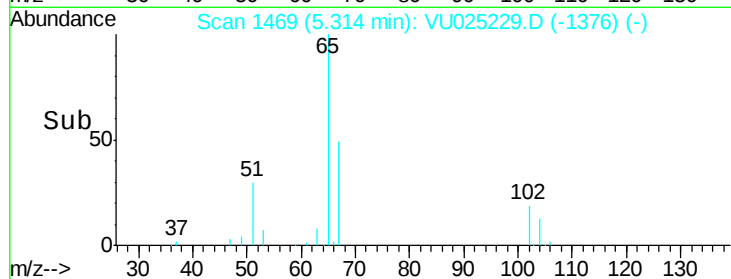
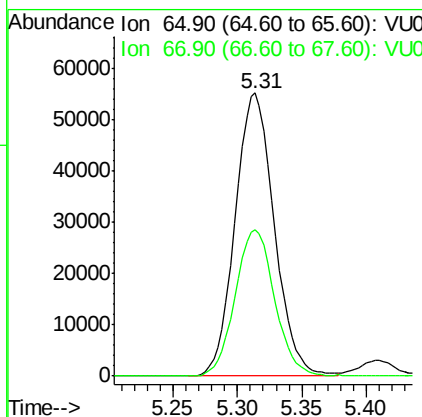
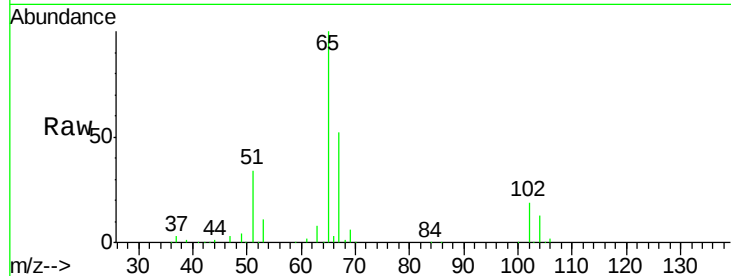
#33
 1,2-Dichloroethane-d4
 Concen: 43.252 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.0

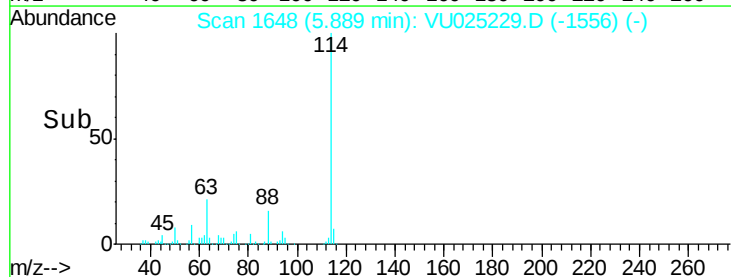
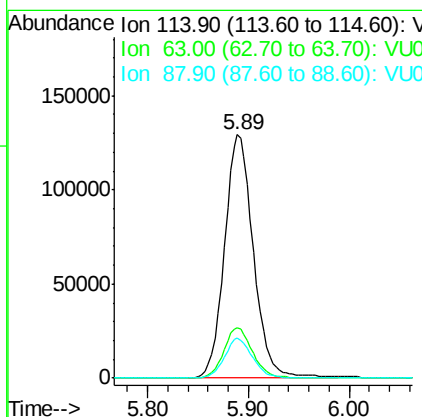
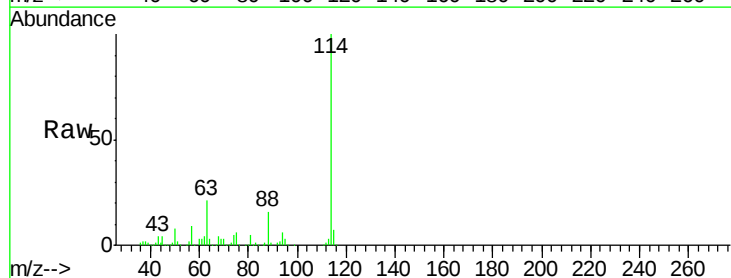
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	45.4
88	16.3	0.0	31.0





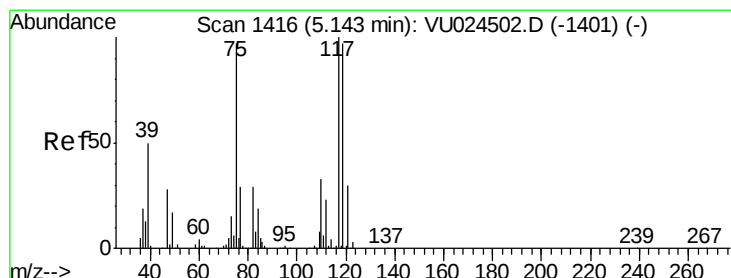
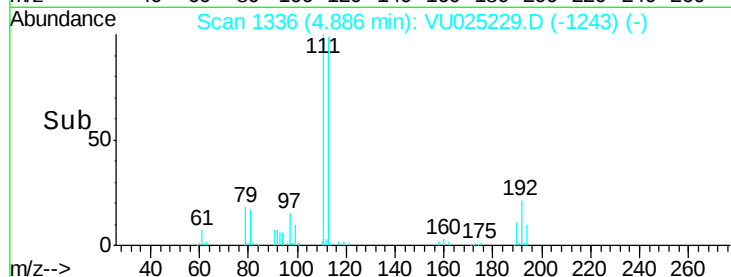
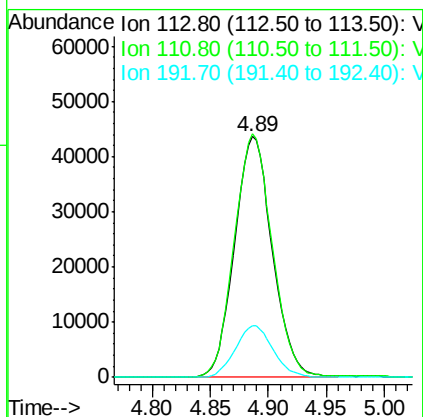
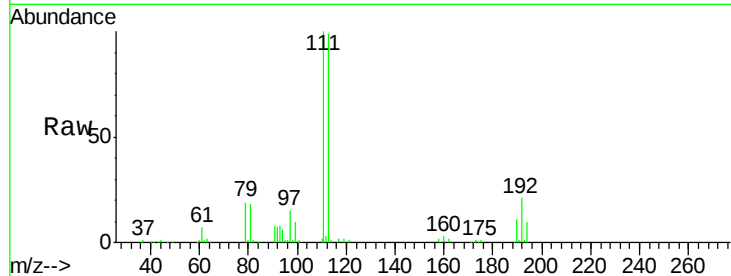
#35
 Dibromofluoromethane
 Concen: 45.986 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.4
192	21.4	16.2	24.4

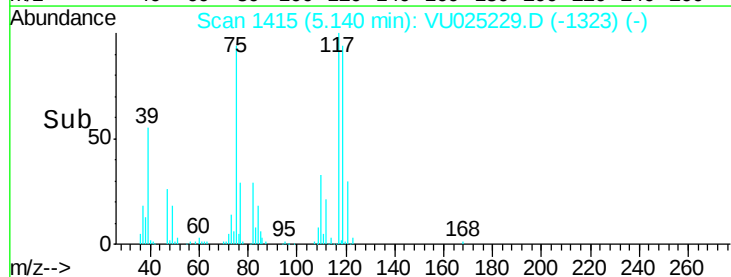
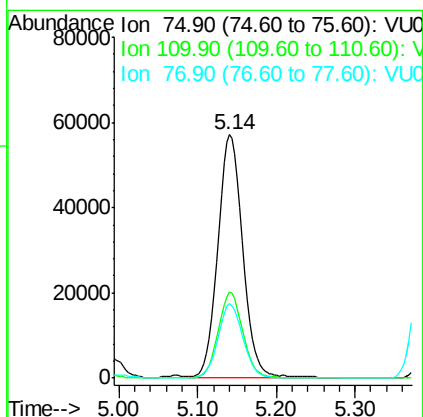
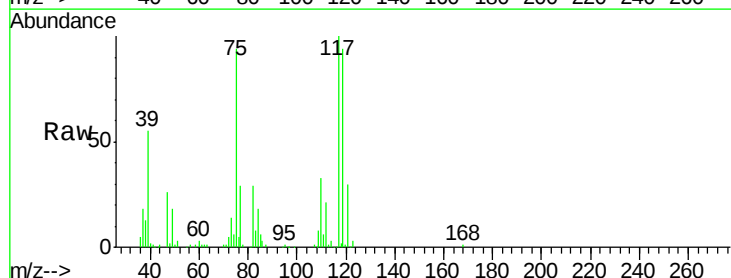
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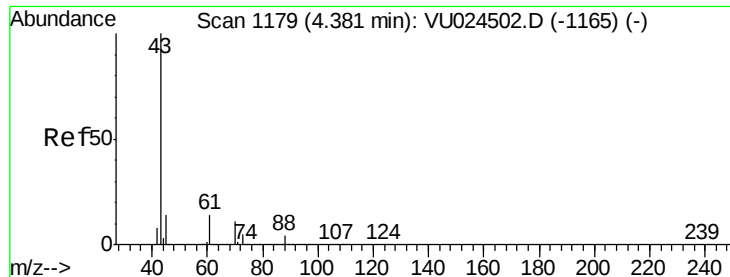
sam
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#36
 1,1-Dichloropropene
 Concen: 41.165 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.0	50.9
77	30.5	24.2	36.4





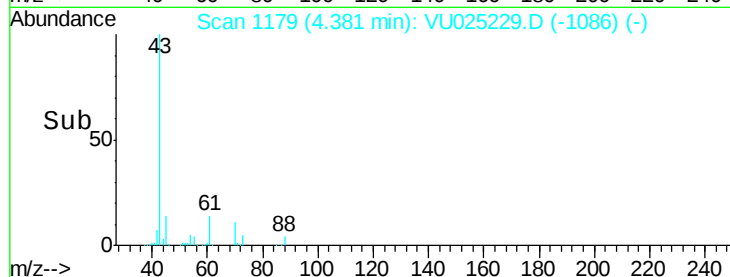
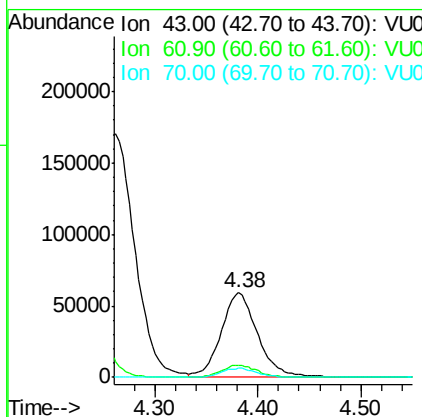
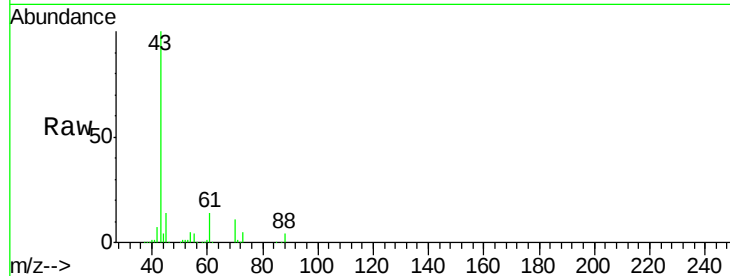
#37
Ethyl Acetate
Concen: 43.282 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.5	15.7
70	10.4	7.4	11.2

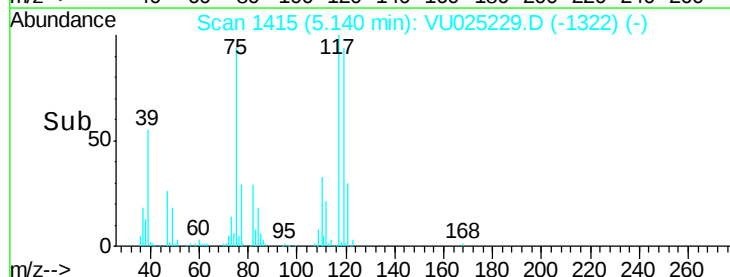
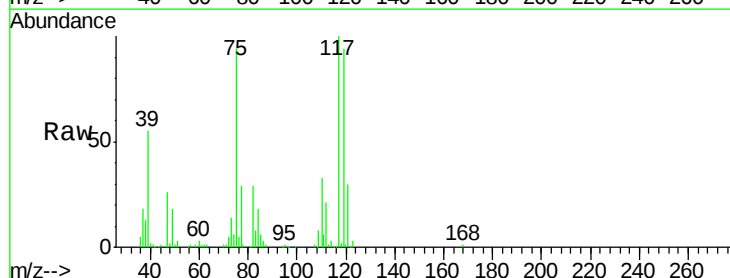
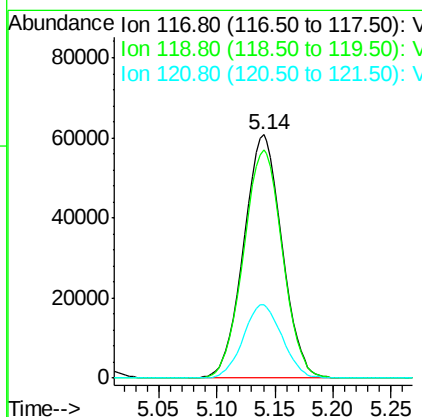
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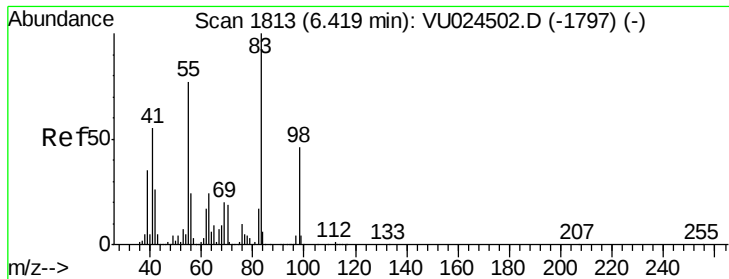
sam
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#38
Carbon Tetrachloride
Concen: 41.844 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.1	114.1
121	30.2	23.7	35.5





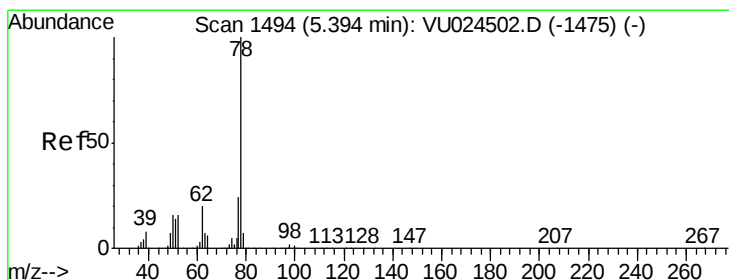
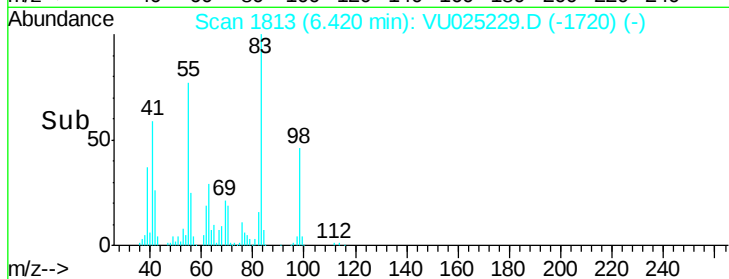
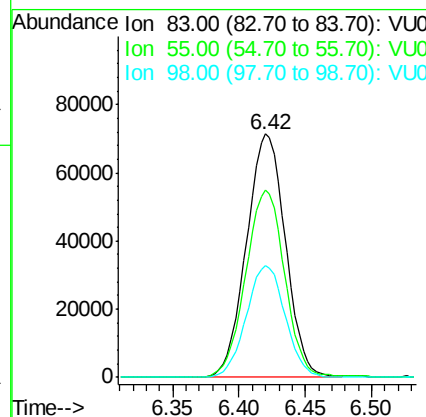
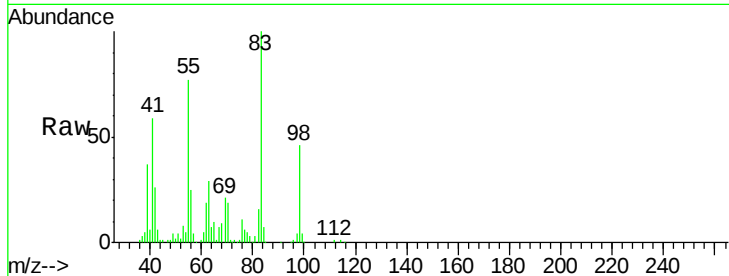
#39
Methvlcvclohexane
Concen: 38.599 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	65.8	98.6
98	45.7	36.7	55.1

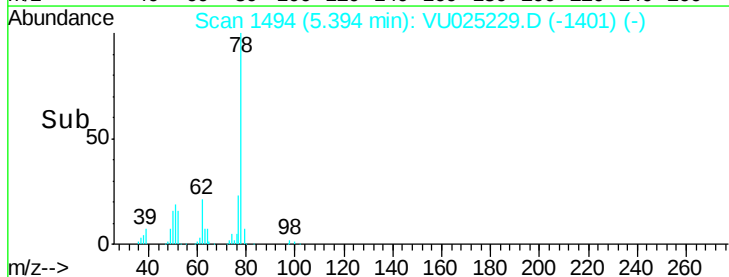
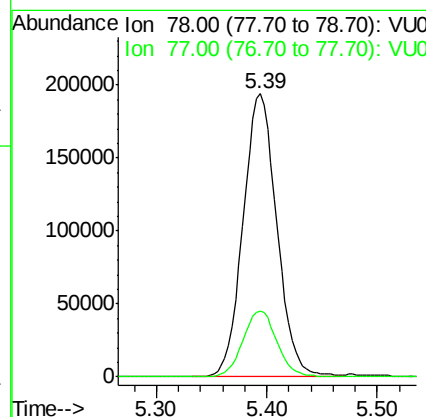
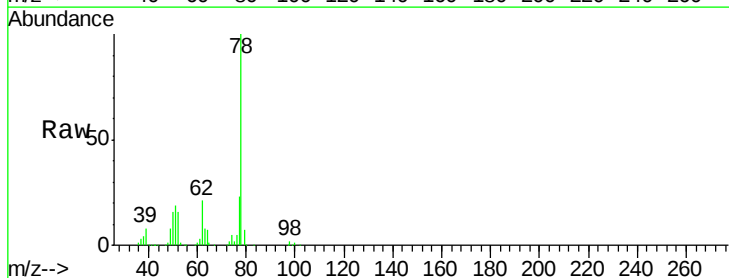
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#40
Benzene
Concen: 47.575 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8





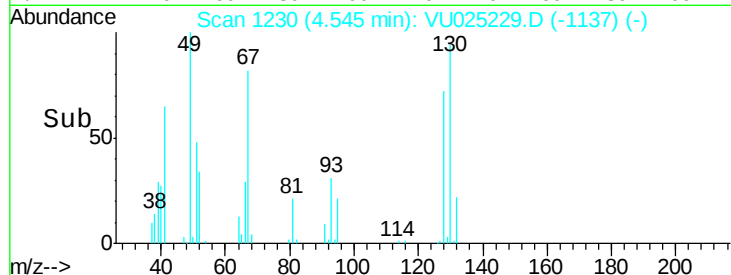
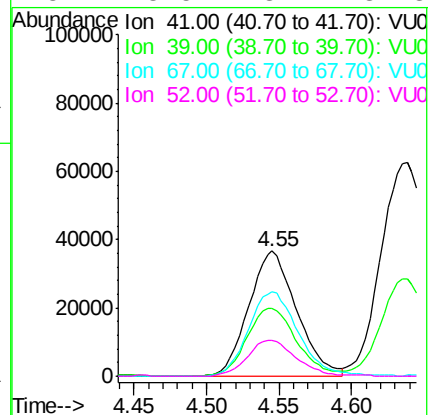
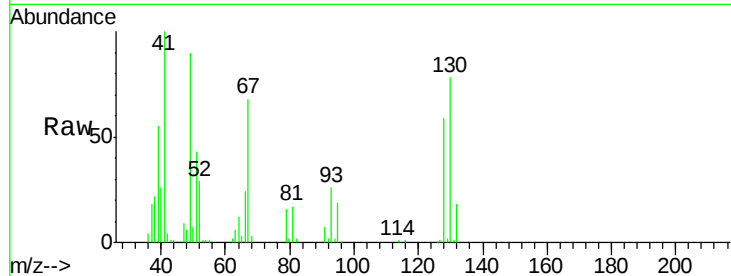
#41
Methacrylonitrile
Concen: 47.361 ug/l
RT: 4.55 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.4	43.8	65.6
67	70.2	56.3	84.5
52	28.5	23.2	34.8

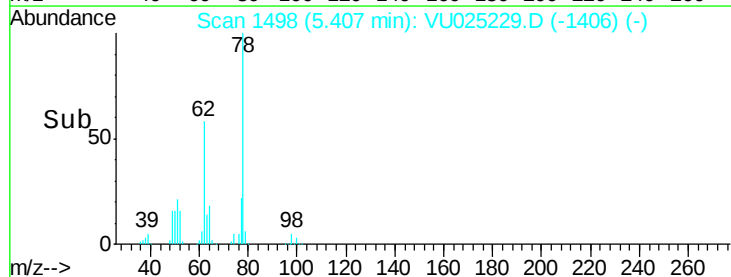
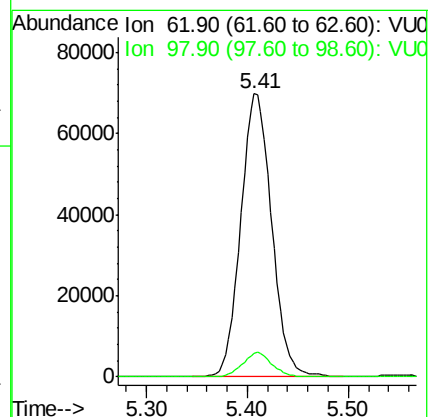
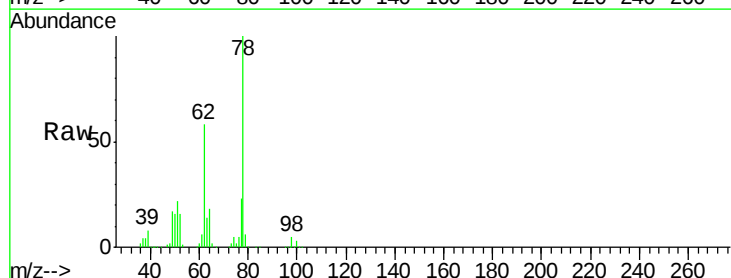
Manual Integrations
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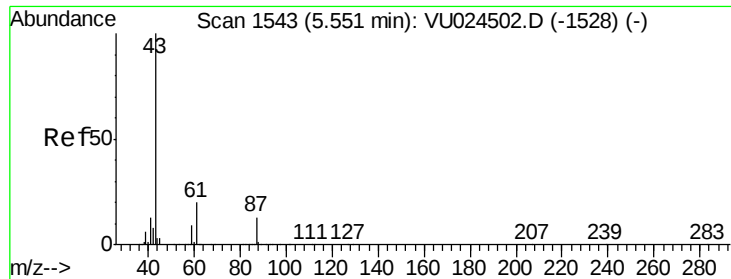
sam
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#42
1,2-Dichloroethane
Concen: 45.012 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

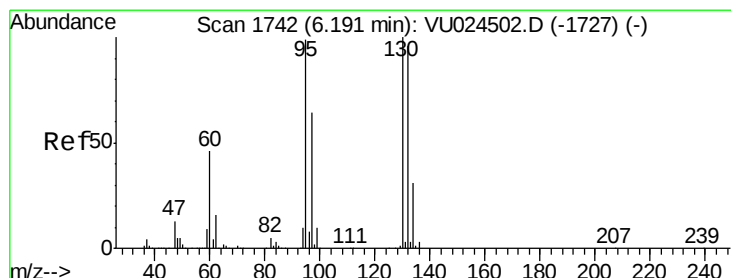
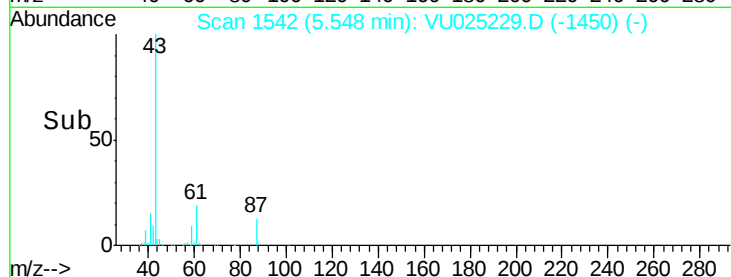
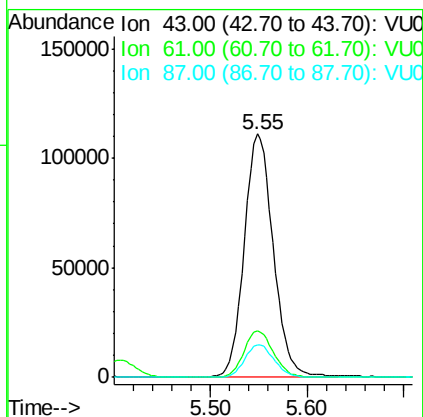
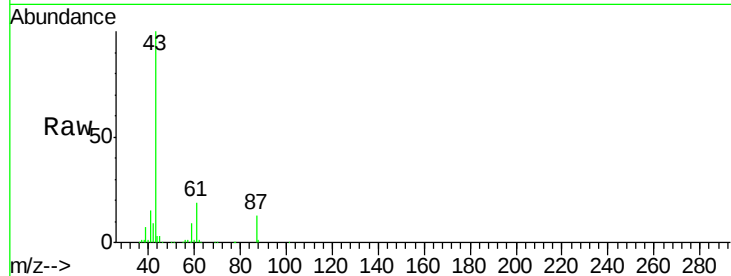
Isopropyl Acetate
 Concen: 40.238 ug/l
 RT: 5.55 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.6	10.0	15.0

Manual Integrations
 APPROVED

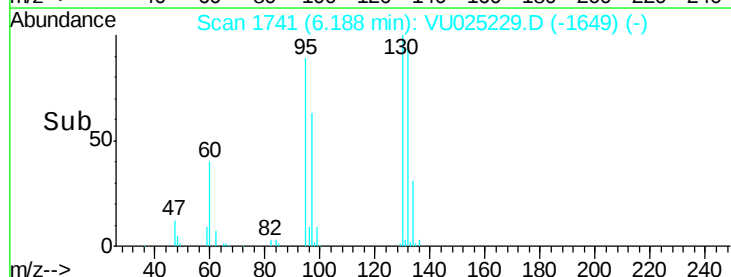
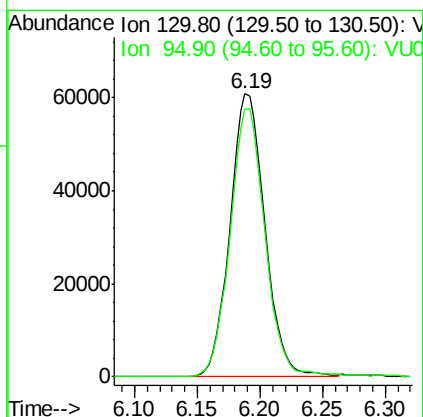
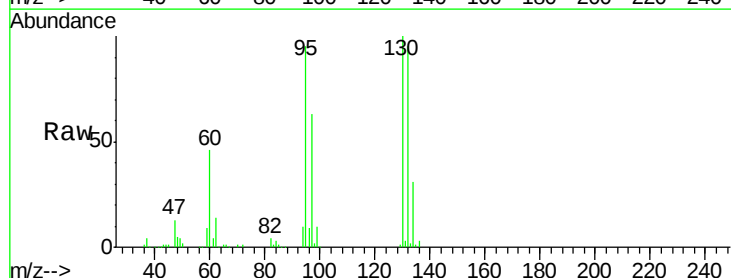
sam
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#44

Trichloroethene
 Concen: 47.889 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	202.4





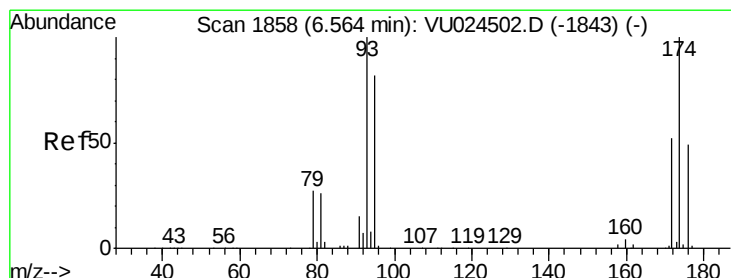
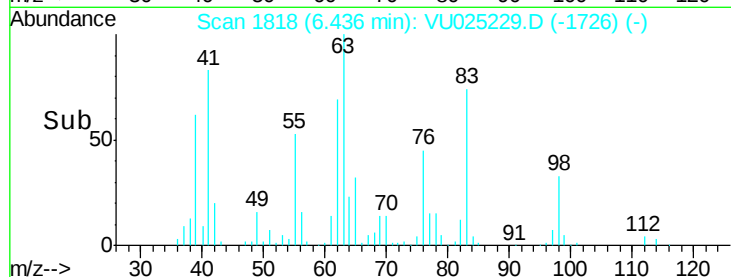
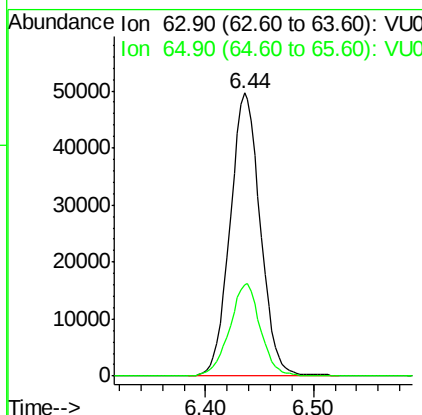
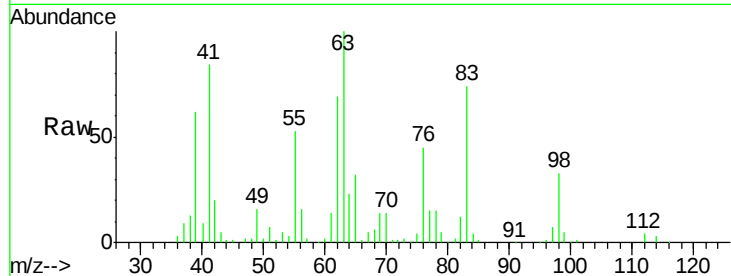
#45
 1,2-Dichloropropane
 Concen: 42.096 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

Tot Ion: 63 Resp: 97100
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.8 37.2

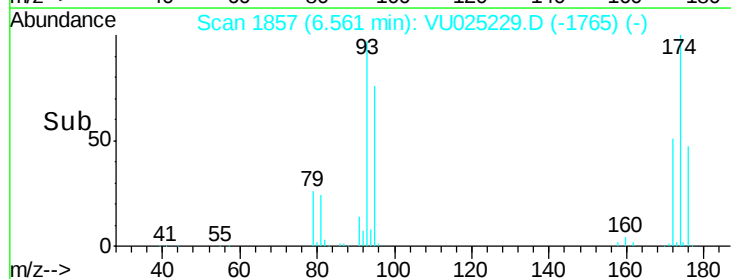
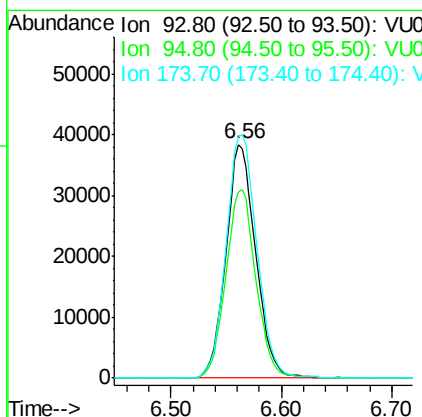
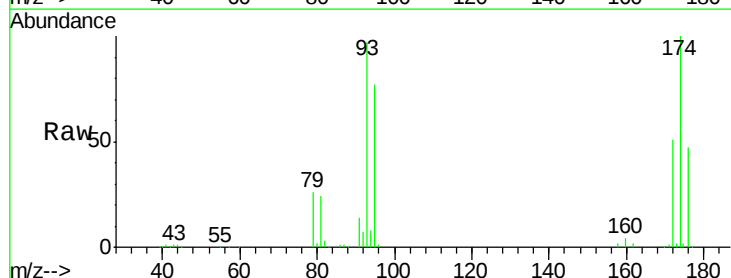
Manual Integrations
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#46
 Dibromomethane
 Concen: 44.329 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Tgt Ion: 93 Resp: 71822
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.5 98.3
 174 107.8 78.7 118.1





#47

Bromodichloromethane

Concen: 41.259 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

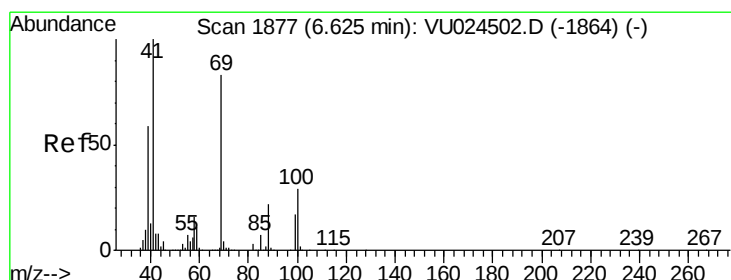
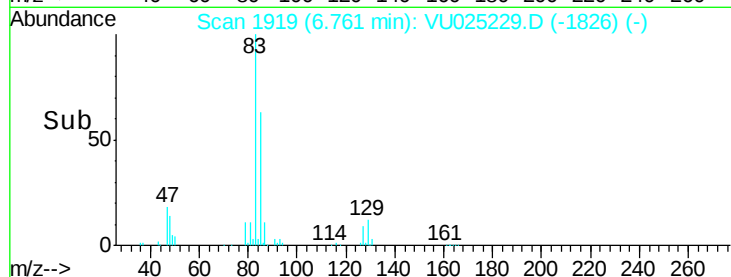
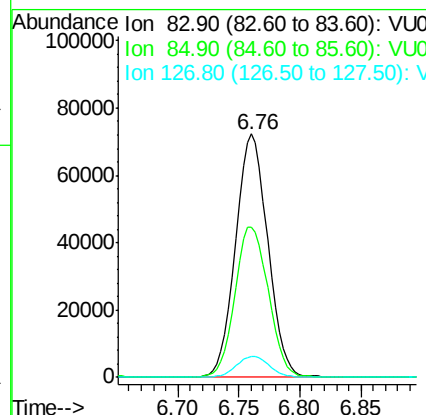
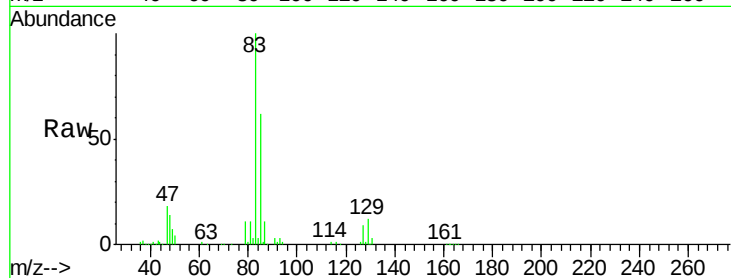
ClientSampleId :

WP021MW470-180628MSD

Tot Ion:	83	Resp:	133114
Ion Ratio	Lower	Upper	
83	100		
85	61.9	51.9	77.9
127	8.7	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 44.214 ug/l

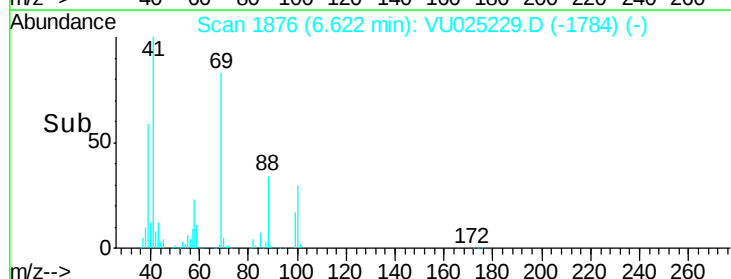
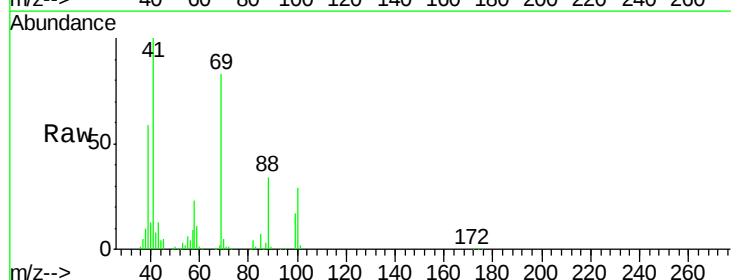
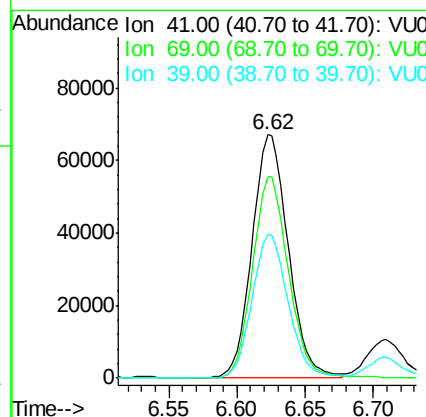
RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Tgt Ion:	41	Resp:	123055
Ion Ratio	Lower	Upper	
41	100		
69	82.7	67.3	100.9
39	59.3	46.5	69.7





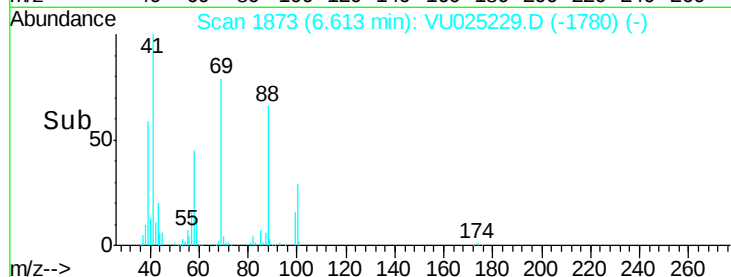
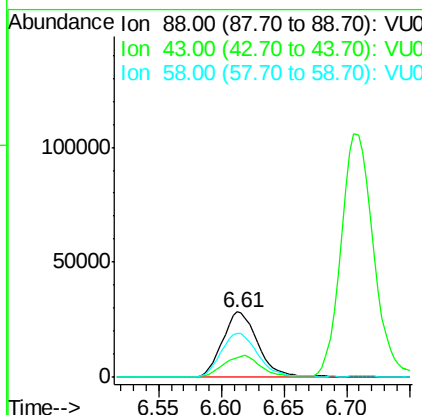
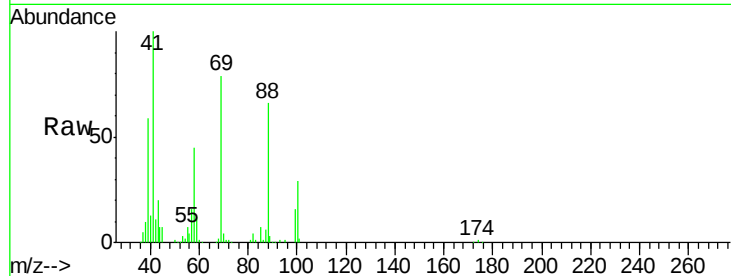
#49
 1,4-Dioxane
 Concen: 1019.368 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	28.6	42.8
58	70.7	58.2	87.4

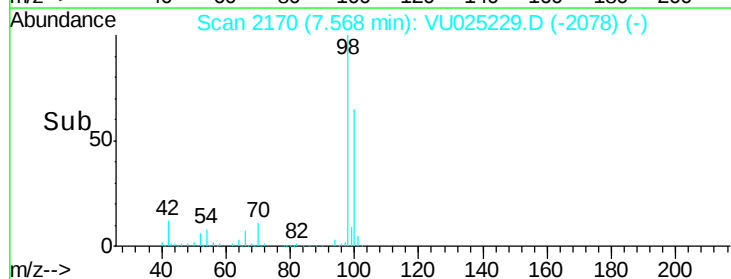
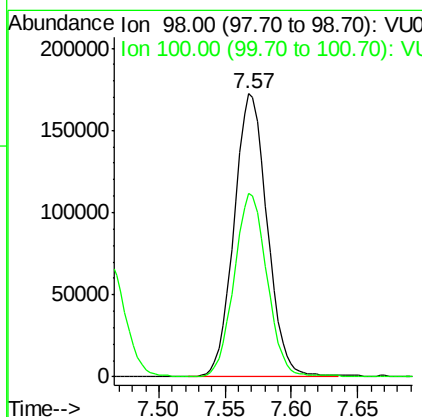
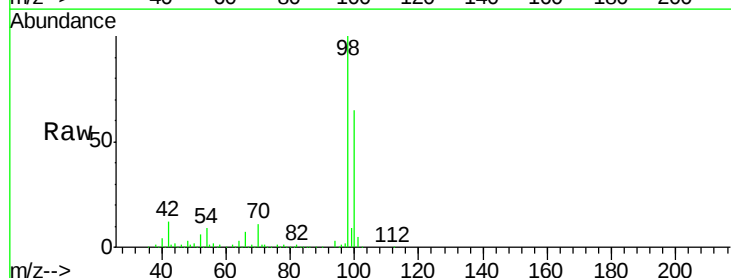
Manual Integrations
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#50
 Toluene-d8
 Concen: 38.454 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 220.634 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MSD

Tot Ion: 43 Resp: 792272

Ion Ratio Lower Upper

43 100

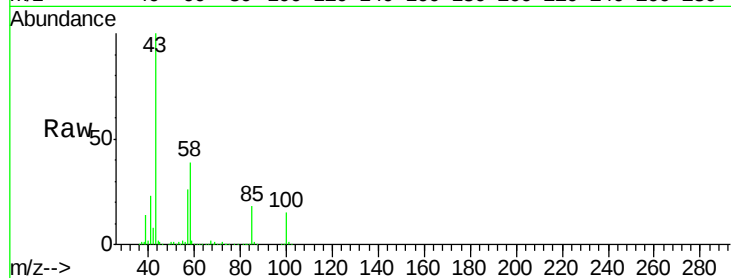
58 38.3 30.0 45.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

400000

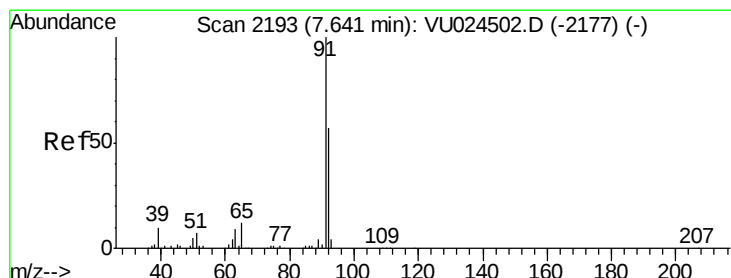
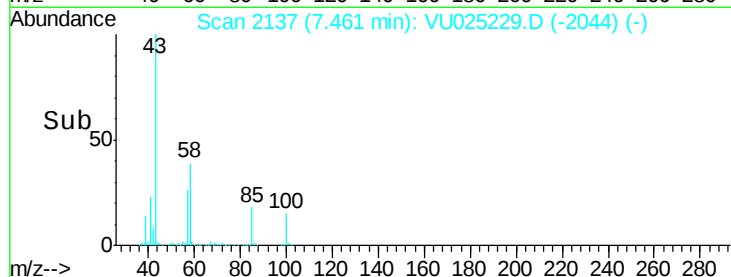
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 42.037 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025229.D

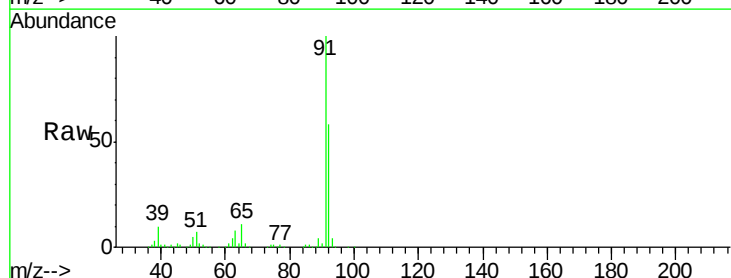
Acq: 05 Jul 2018 20:43

Tgt Ion: 92 Resp: 233797

Ion Ratio Lower Upper

92 100

91 173.2 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

250000

200000

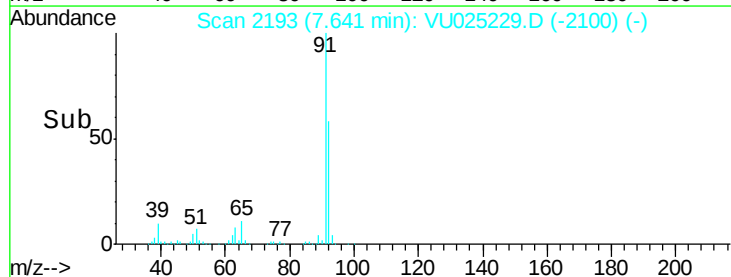
150000

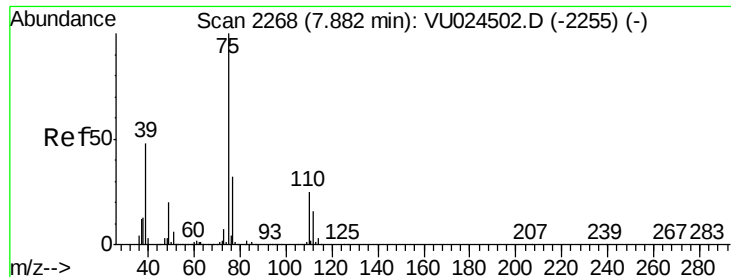
100000

50000

0

Time-->





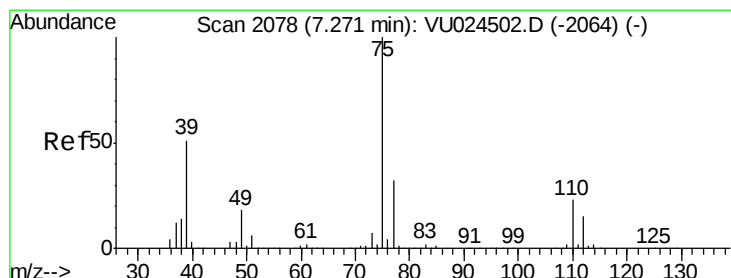
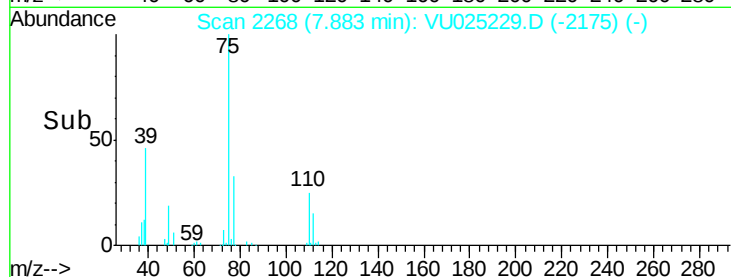
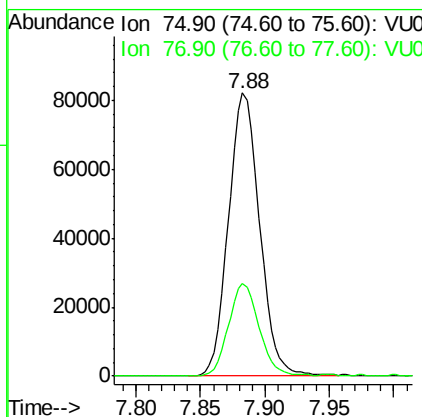
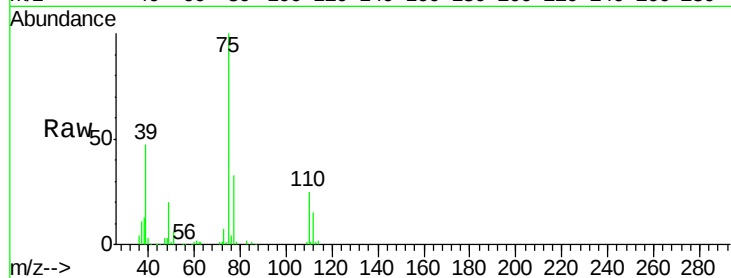
#53
t-1,3-Dichloropropene
Concen: 38.076 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.8	37.2

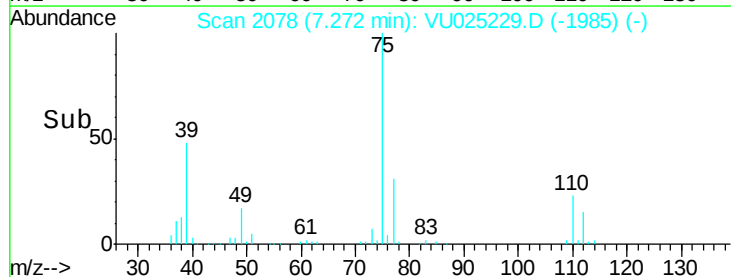
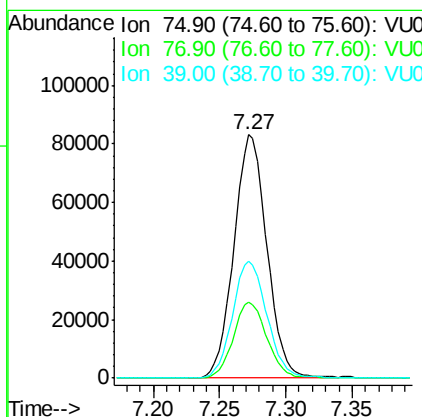
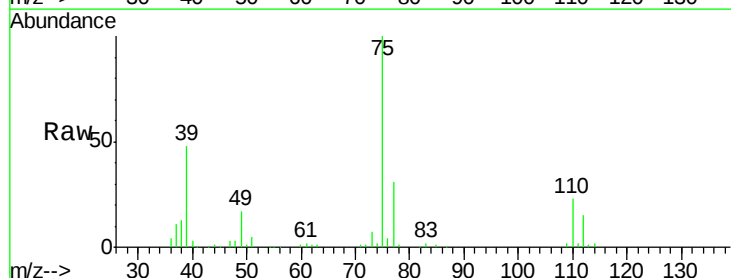
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 37.325 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.6	36.8
39	47.9	39.8	59.6





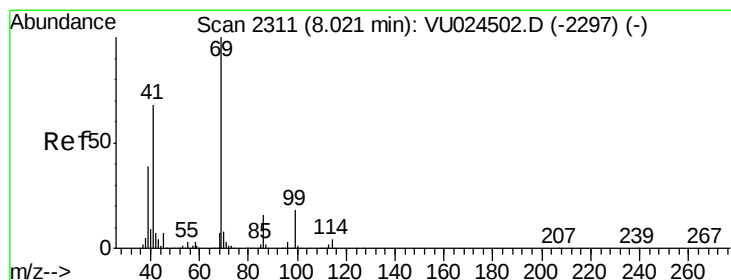
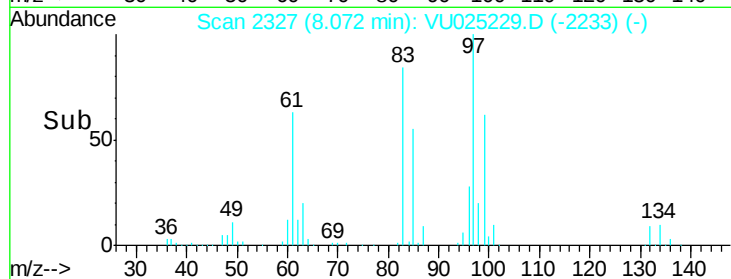
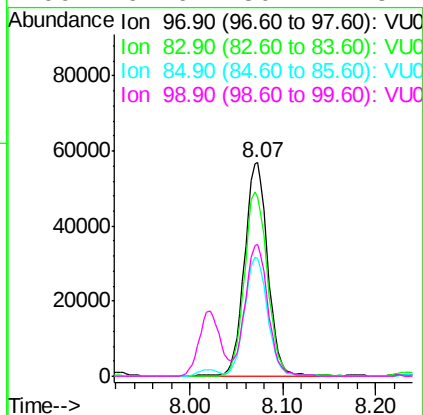
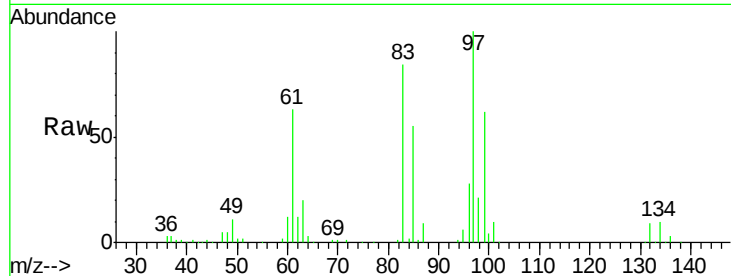
#55
 1,1,2-Trichloroethane
 Concen: 43.963 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

Tot Ion:	97	Resp:	99391
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.5	105.7
85	55.3	46.4	69.6
99	61.6	50.2	75.2

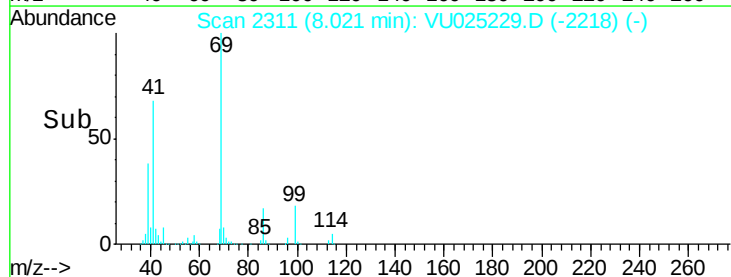
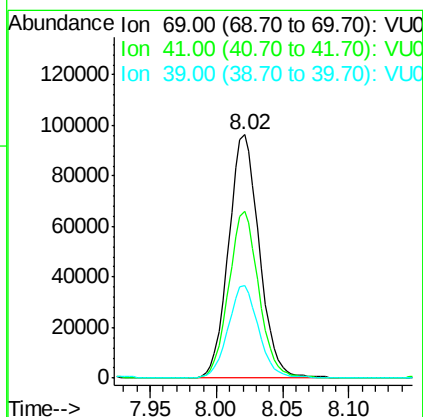
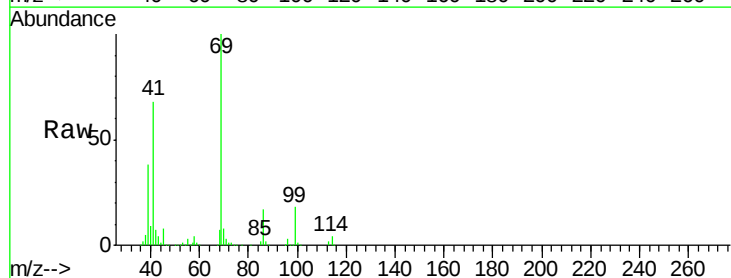
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 40.992 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Tgt Ion:	69	Resp:	155109
Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.1	81.1
39	37.4	30.3	45.5





#57

1,3-Dichloropropane

Concen: 43.159 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MSD

Tot Ion: 76 Resp: 164595

Ion Ratio Lower Upper

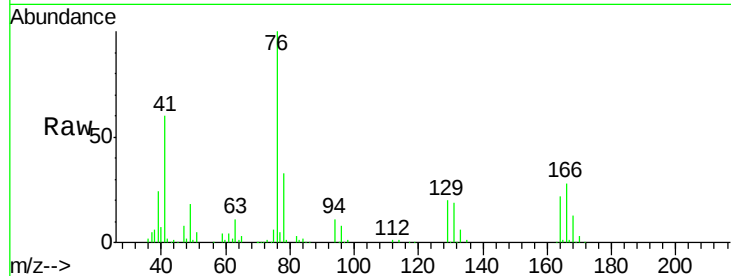
76 100

78 32.2 25.2 37.8

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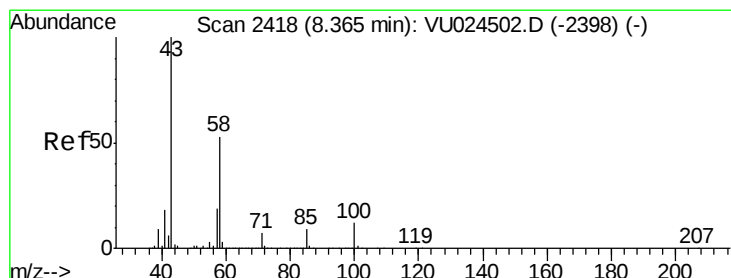
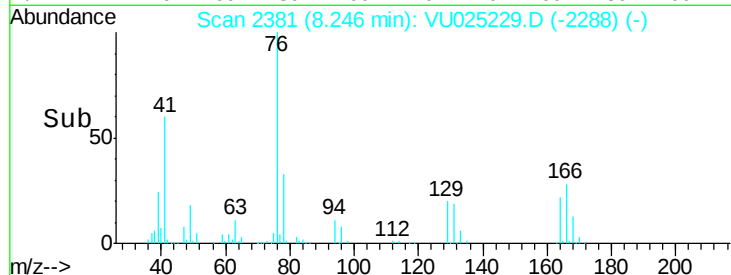
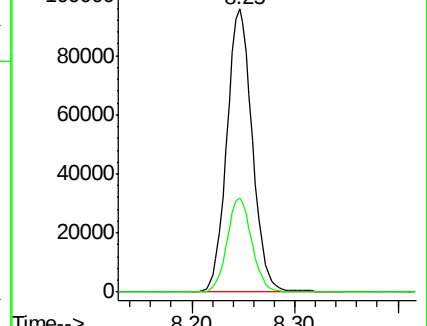
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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#59

2-Hexanone

Concen: 215.548 ug/l

RT: 8.36 min Scan# 2418

Delta R.T. 0.00 min

Lab File: VU025229.D

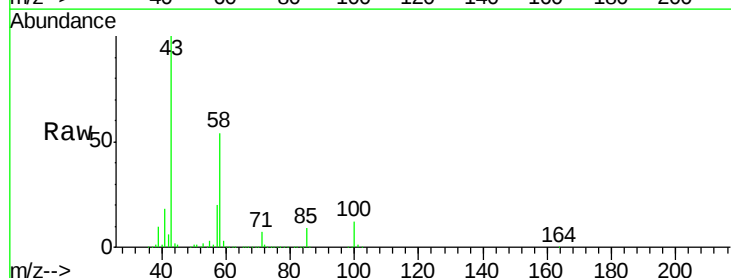
Acq: 05 Jul 2018 20:43

Tgt Ion: 43 Resp: 631904

Ion Ratio Lower Upper

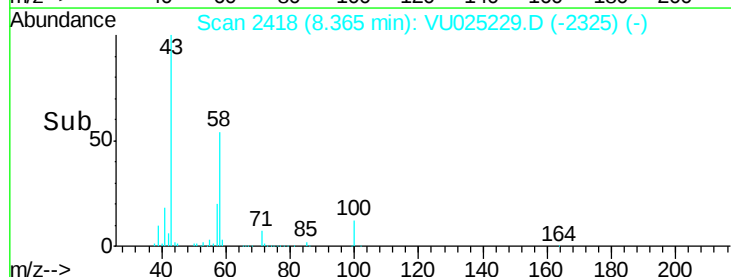
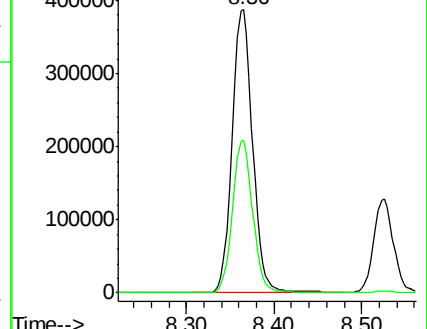
43 100

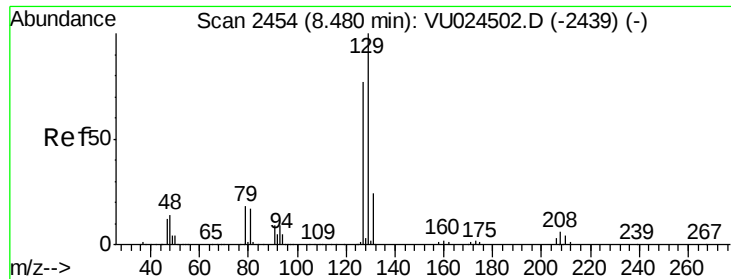
58 53.1 26.4 79.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#60

Dibromochloromethane

Concen: 39.181 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MSD

Tot Ion:129 Resp: 110459

Ion Ratio Lower Upper

129 100

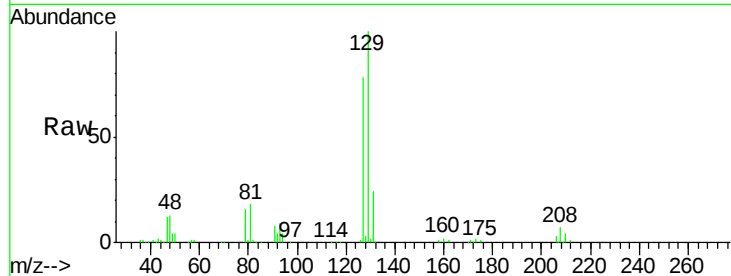
127 78.4 38.6 116.0

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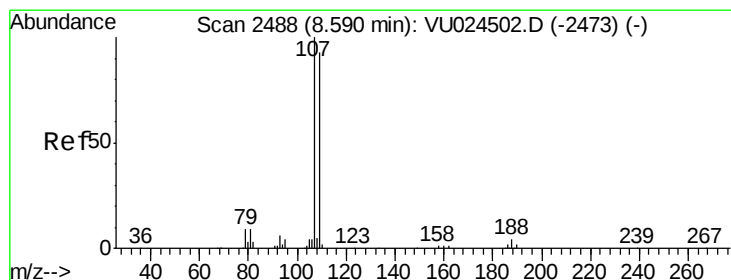
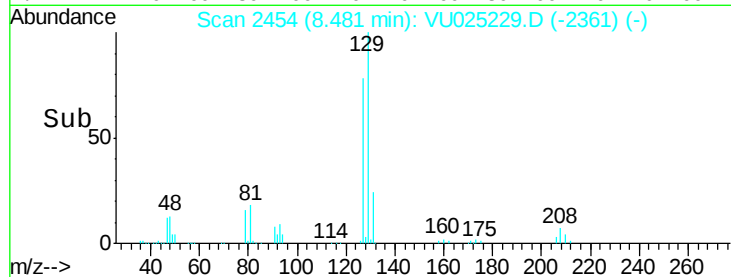
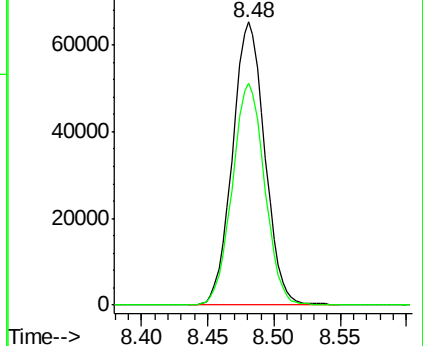
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 42.694 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025229.D

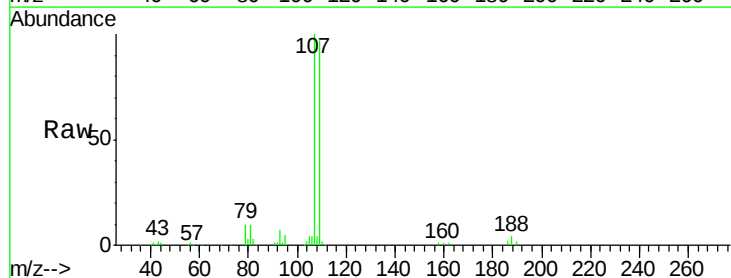
Acq: 05 Jul 2018 20:43

Tgt Ion:107 Resp: 107430

Ion Ratio Lower Upper

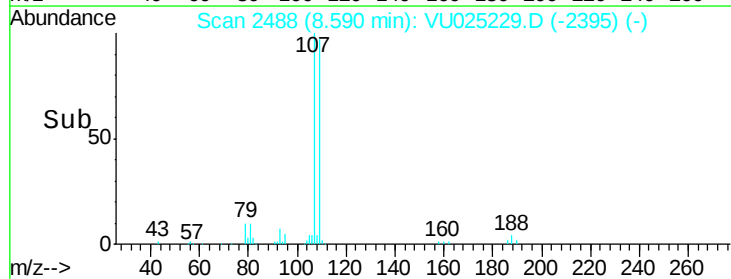
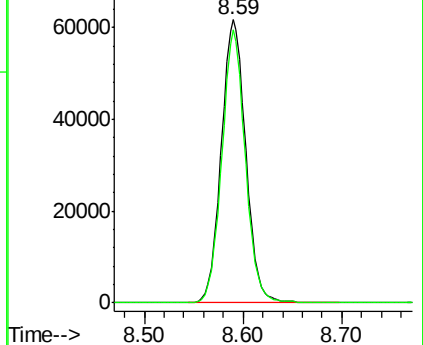
107 100

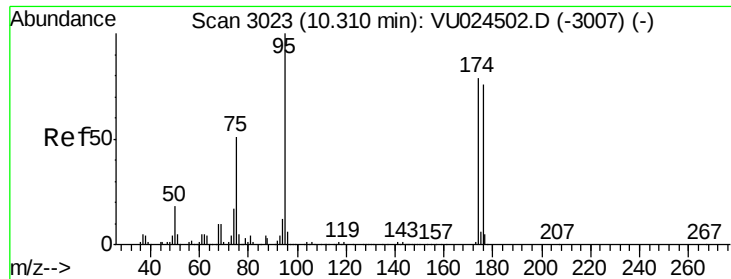
109 92.5 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





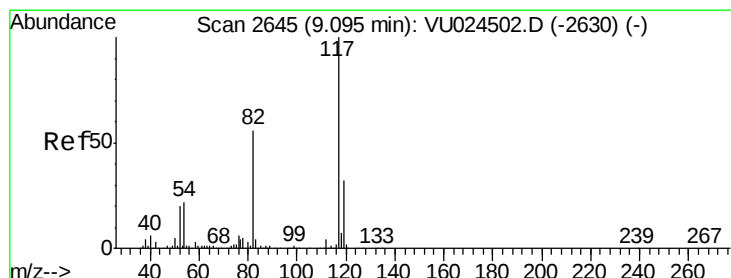
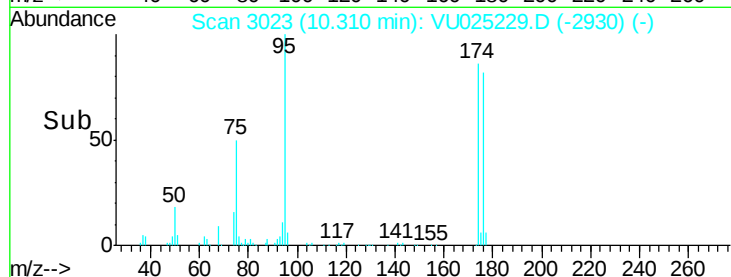
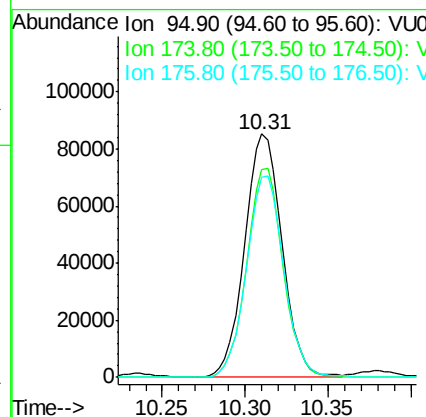
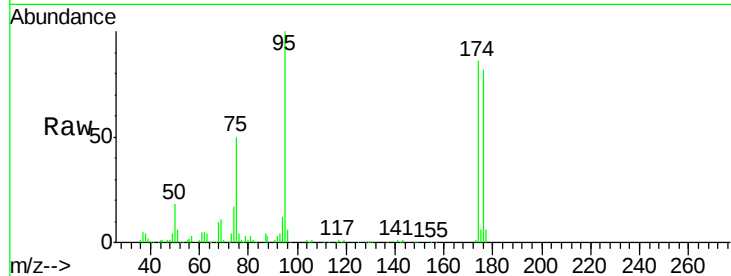
#62
4-Bromofluorobenzene
Concen: 43.122 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	133814		
174	83.6	0.0	165.8	
176	82.6	0.0	159.4	

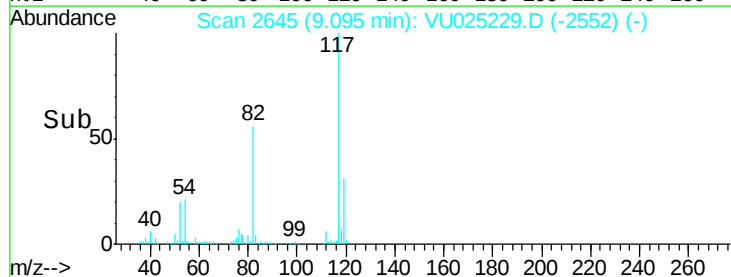
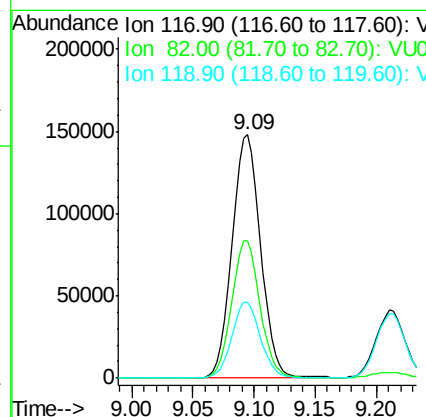
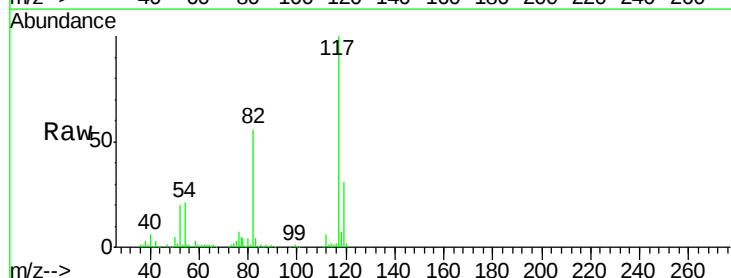
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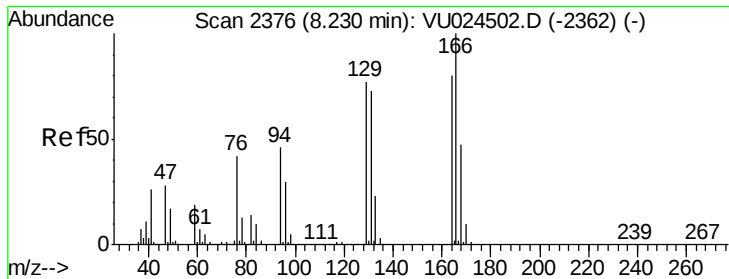
sam
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	243131		
82	56.5	44.3	66.5	
119	31.1	25.4	38.2	





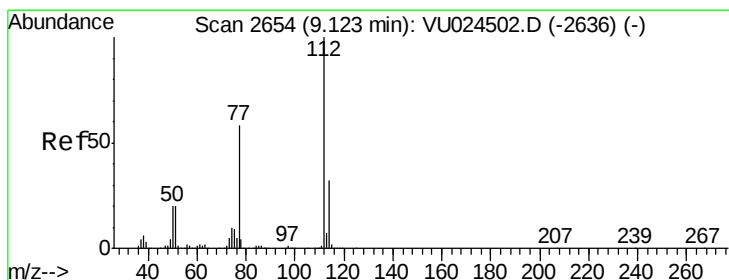
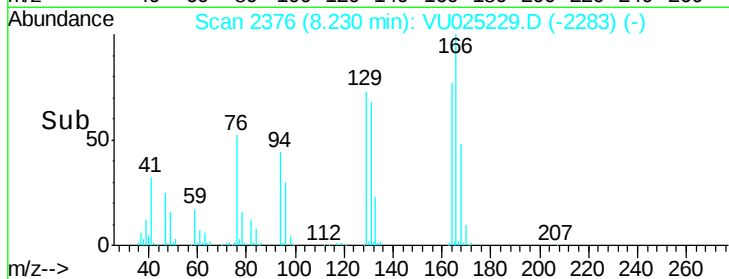
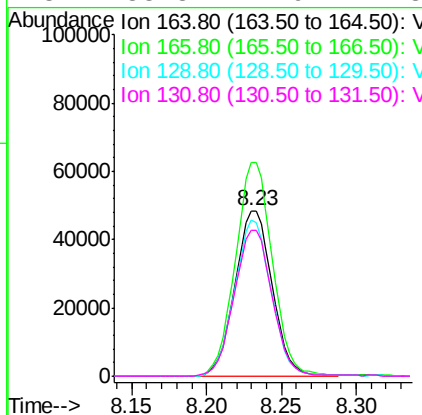
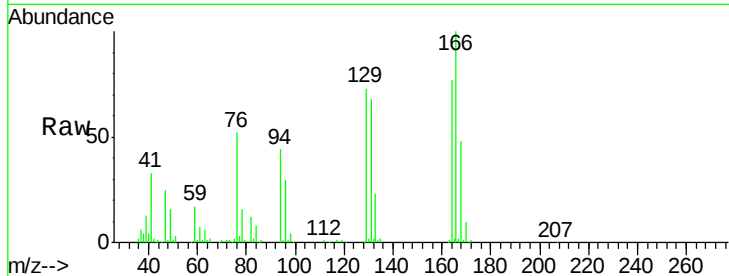
#64
Tetrachloroethene
Concen: 36.328 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.1	101.7	152.5
129	94.8	76.9	115.3
131	88.3	74.9	112.3

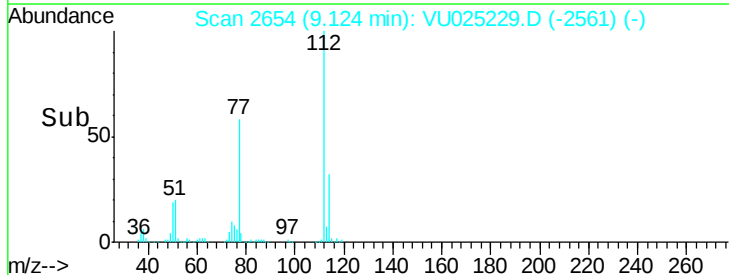
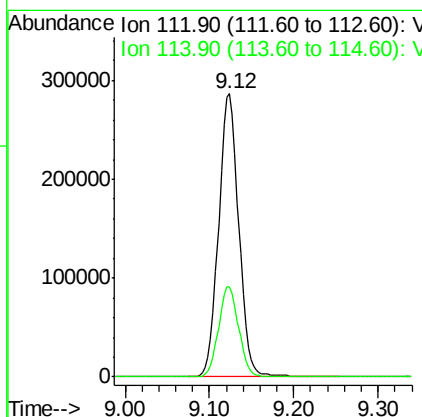
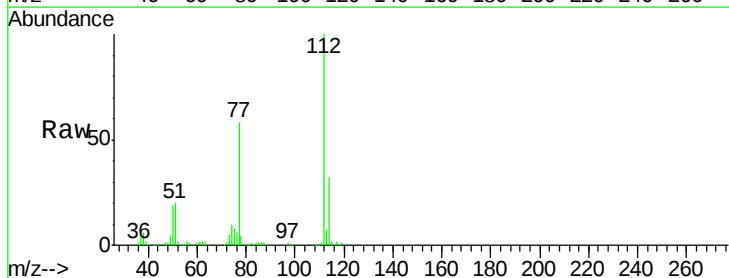
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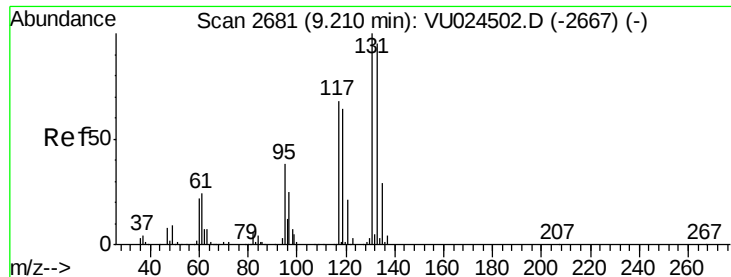
sam
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#65
Chlorobenzene
Concen: 76.418 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 43.252 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

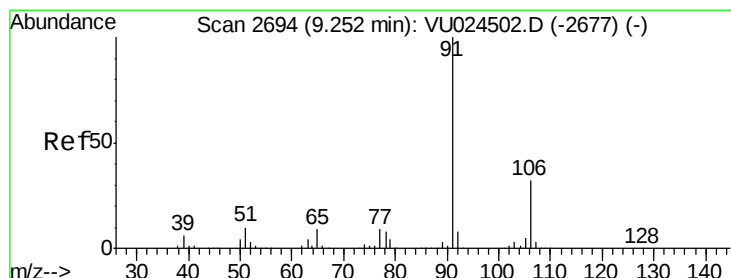
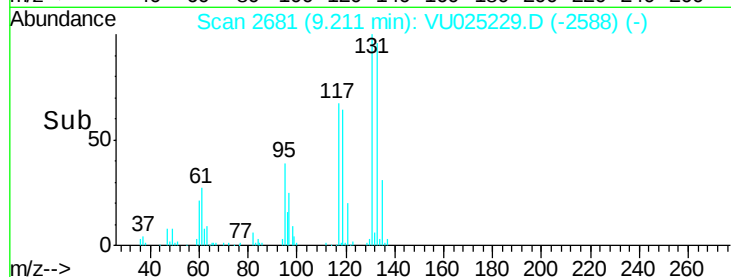
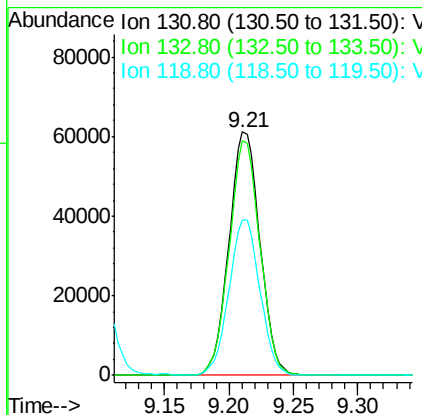
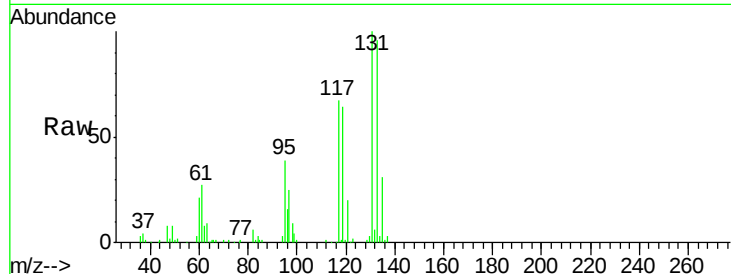
WP021MW470-180628MSD

Tot Ion:	131	Resp:	102062
Ion Ratio		Lower	Upper
131	100		
133	95.6	46.9	140.8
119	63.9	33.5	100.4

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#67

Ethyl Benzene

Concen: 42.113 ug/l

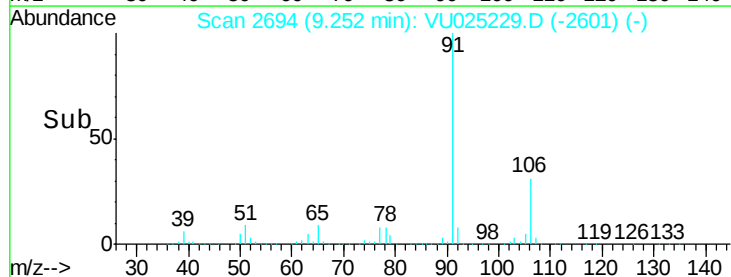
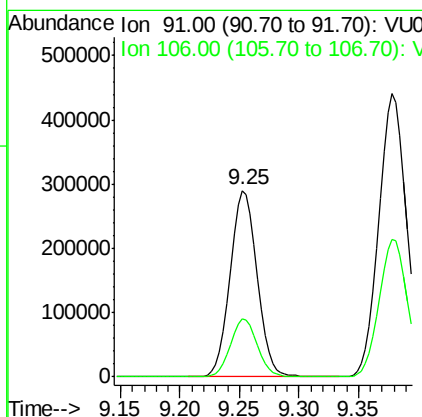
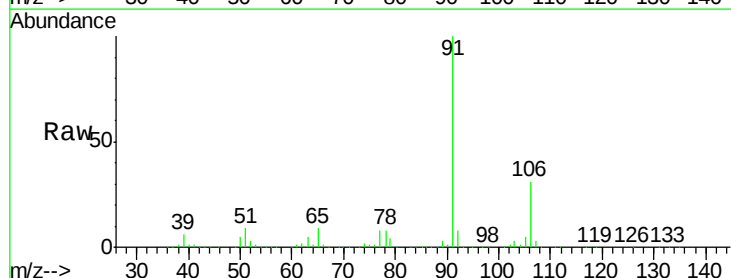
RT: 9.25 min Scan# 2694

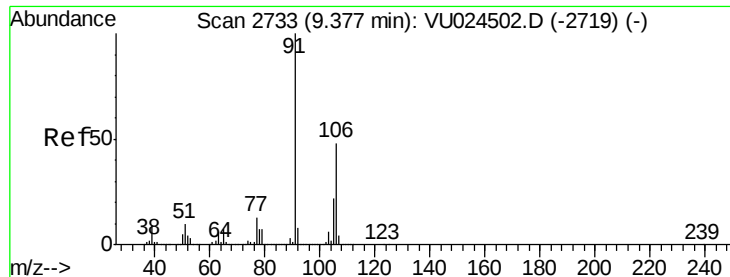
Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Tgt Ion:	91	Resp:	458551
Ion Ratio		Lower	Upper
91	100		
106	31.0	24.2	36.4





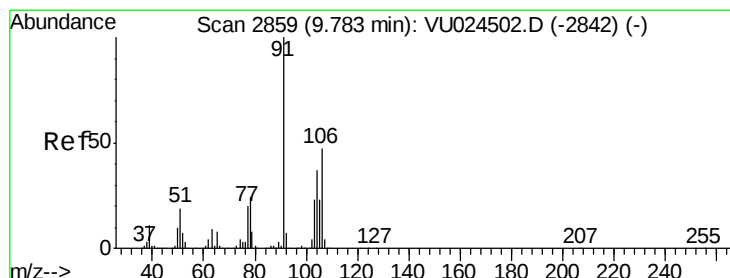
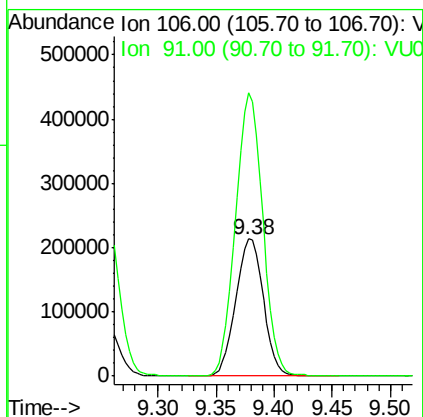
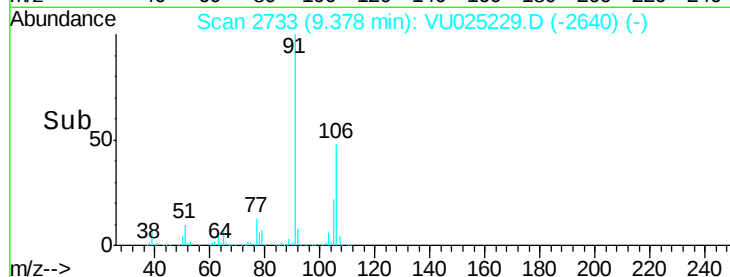
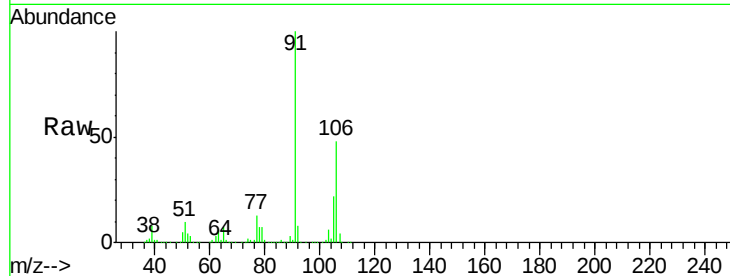
#68
m/p-Xylenes
Concen: 83.910 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion:106 Resp: 350846
Ion Ratio Lower Upper
106 100
91 204.2 166.5 249.7

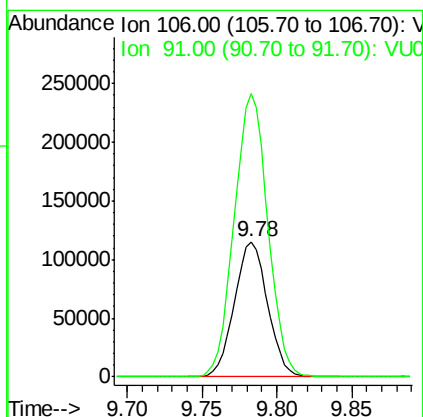
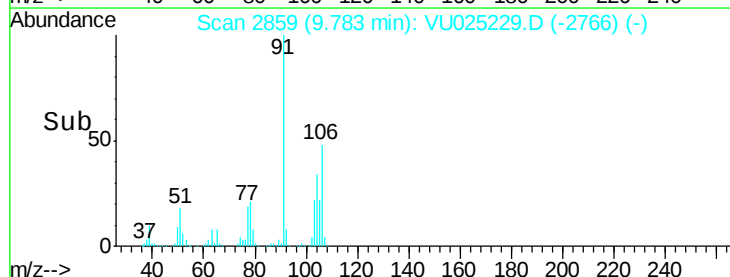
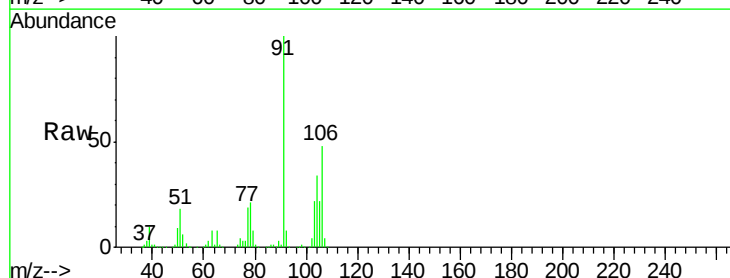
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#69
o-Xylene
Concen: 43.014 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion:106 Resp: 177991
Ion Ratio Lower Upper
106 100
91 212.4 110.7 331.9





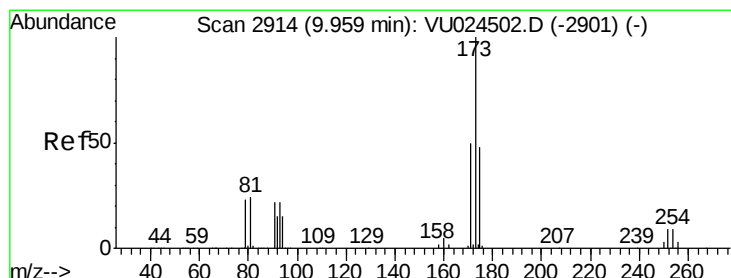
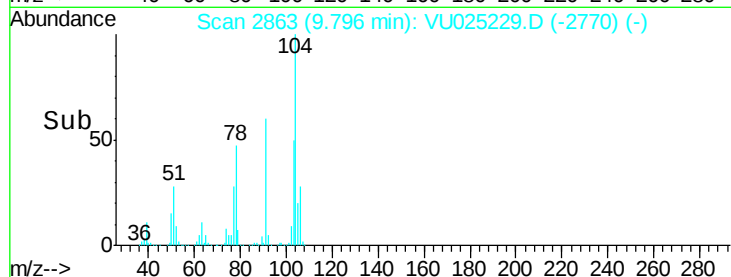
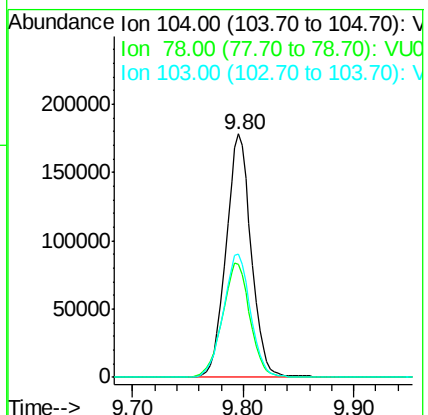
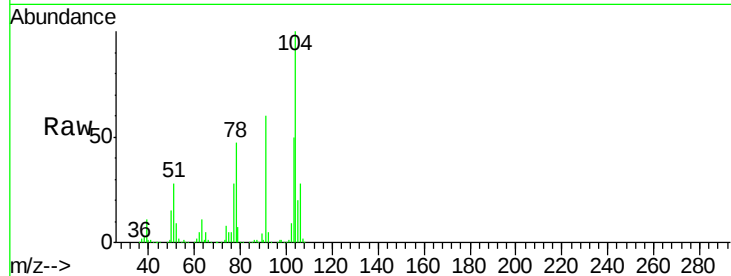
#70
Stvrene
Concen: 41.420 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.4	40.6	60.8
103	55.1	44.7	67.1

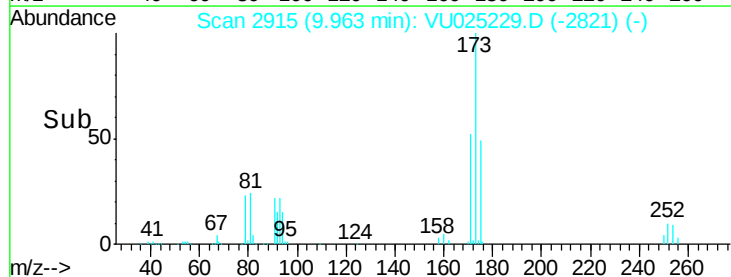
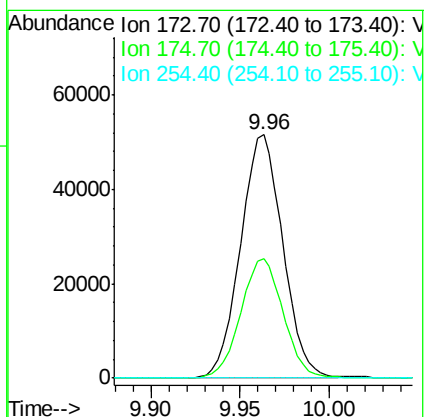
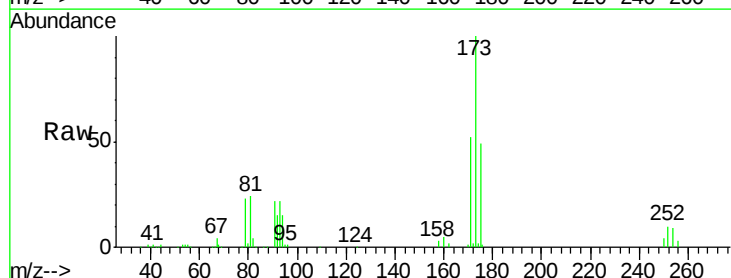
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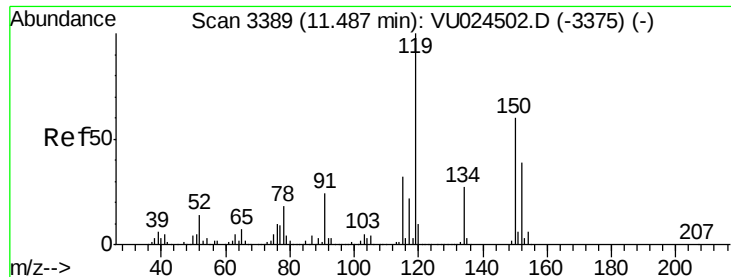
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#71
Bromoform
Concen: 38.118 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.6	74.0
254	0.0	0.0	0.0#





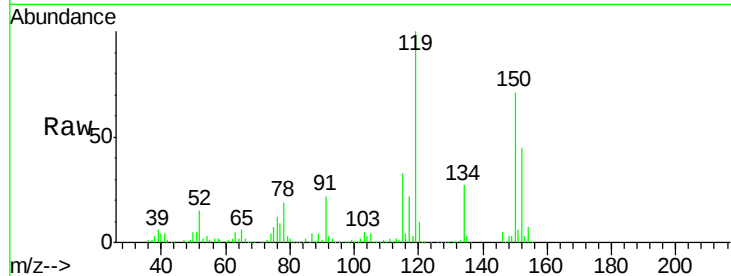
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

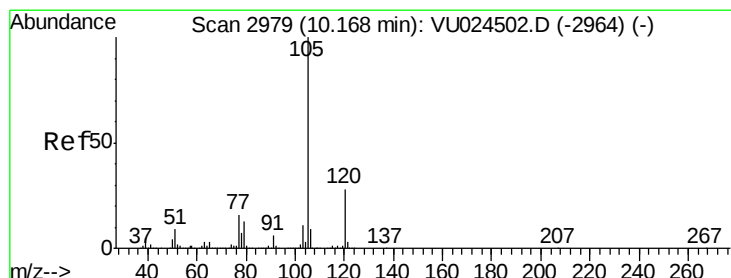
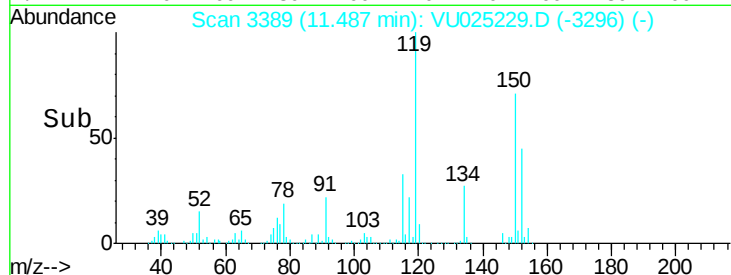
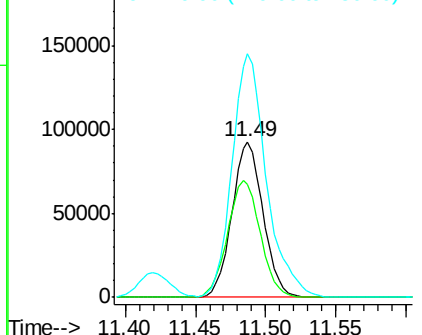
Tot Ion	Ratio	Resp	Lower	Upper
152	100	142723		
115	79.1	43.0	129.0	
150	173.2	0.0	354.0	

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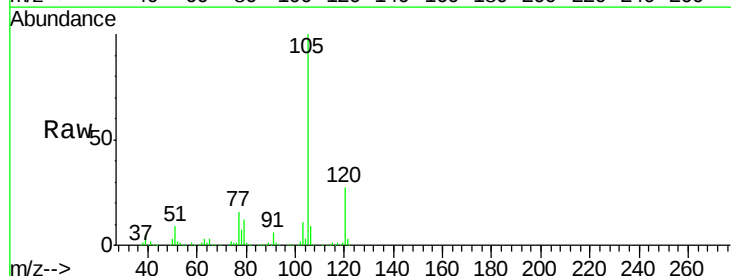


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

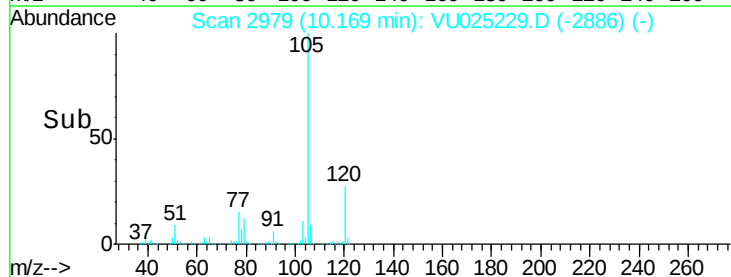
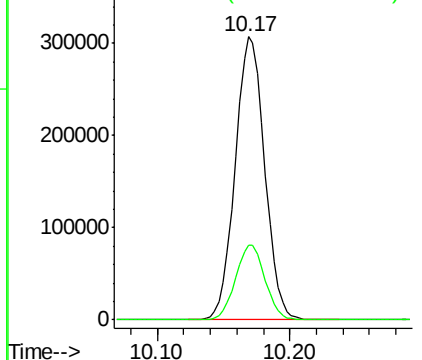


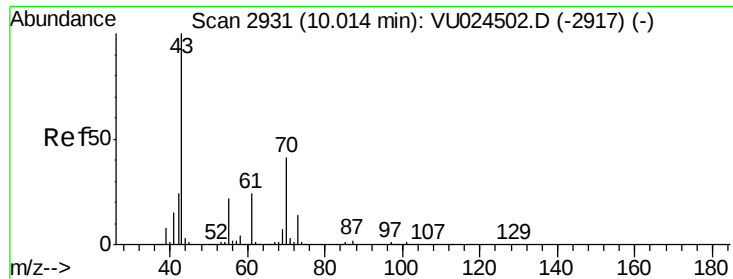
#73
 Isopropylbenzene
 Concen: 43.237 ug/l
 RT: 10.17 min Scan# 2979
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	473782		
120	26.5	13.2	39.6	



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 38.581 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

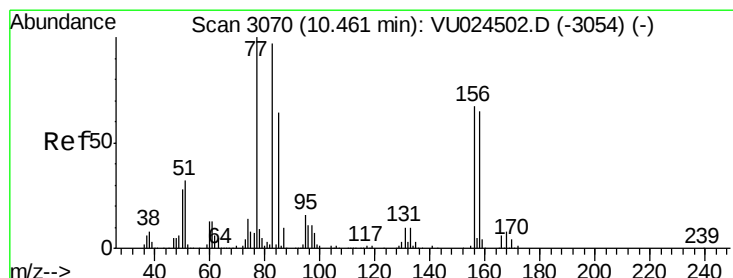
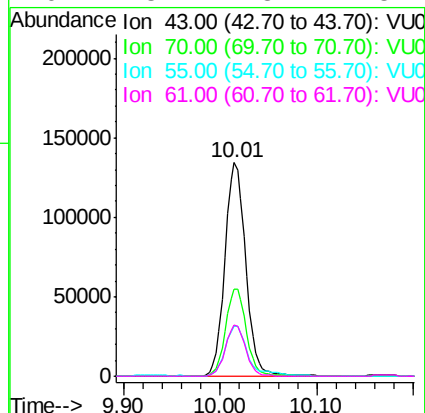
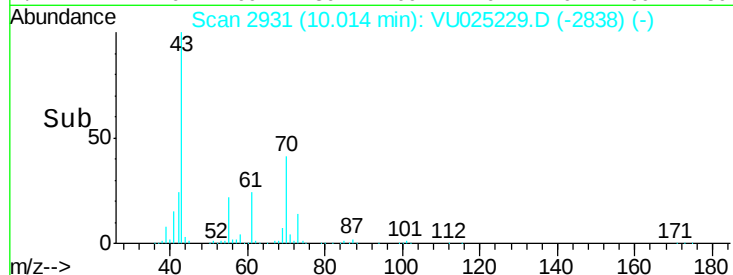
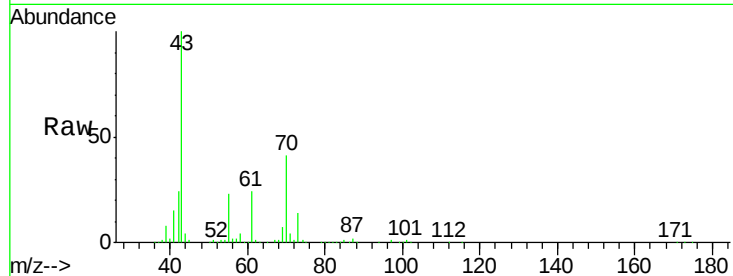
ClientSampleId :

WP021MW470-180628MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	41.0	32.2	48.4	
55	25.8	20.5	30.7	
61	23.4	18.7	28.1	

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#75

1,1,2,2-Tetrachloroethane

Concen: 44.953 ug/l

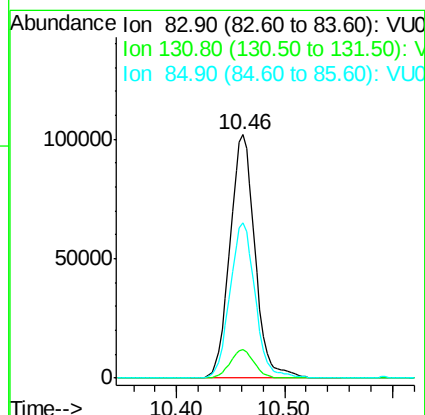
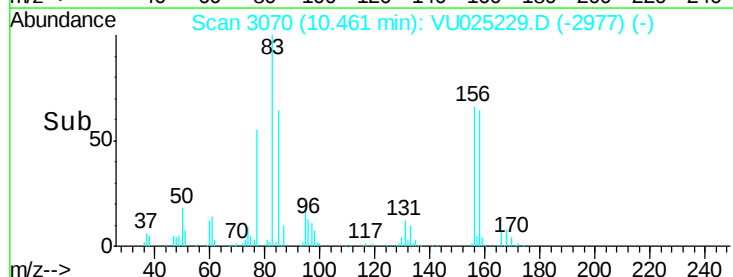
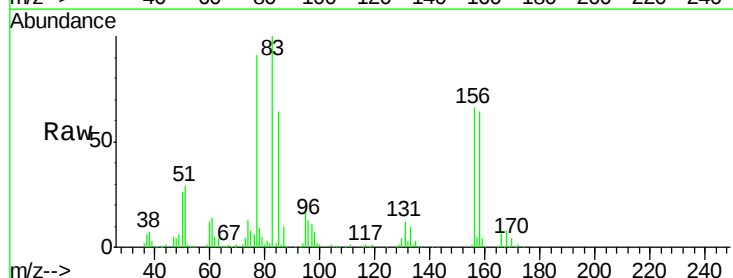
RT: 10.46 min Scan# 3070

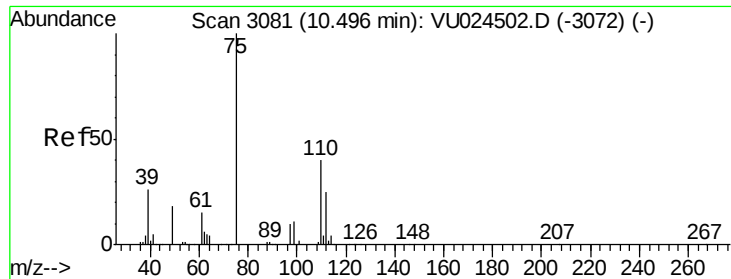
Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.2	4.7	14.1	
85	64.5	32.5	97.5	





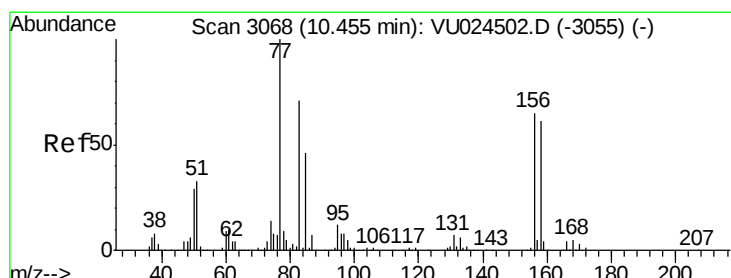
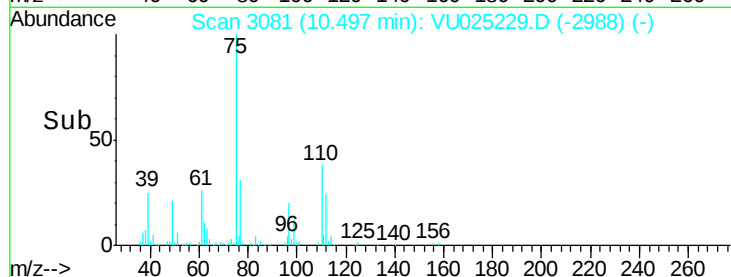
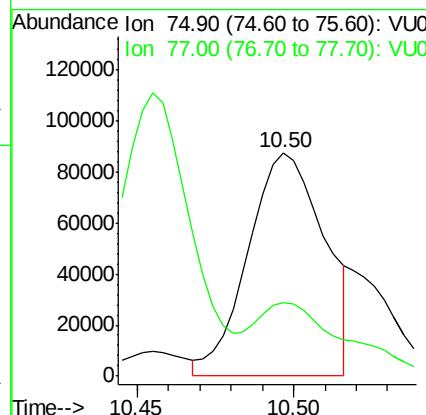
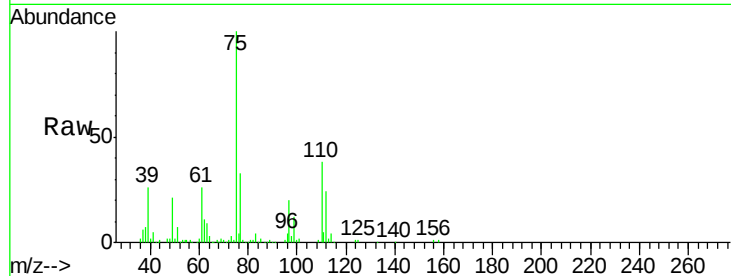
#76
 1,2,3-Trichloropropane
 Concen: 47.146 ug/l m
 RT: 10.50 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

Tot Ion: 75 Resp: 148144
 Ion Ratio Lower Upper
 75 100
 77 38.5 20.9 62.7

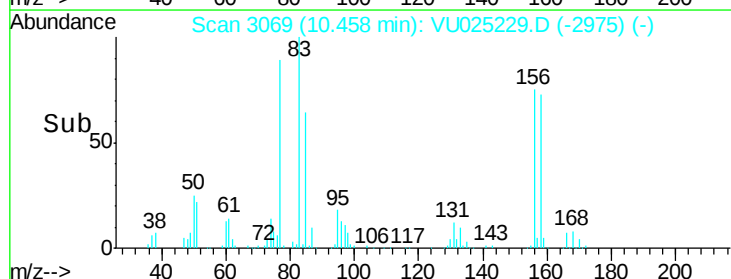
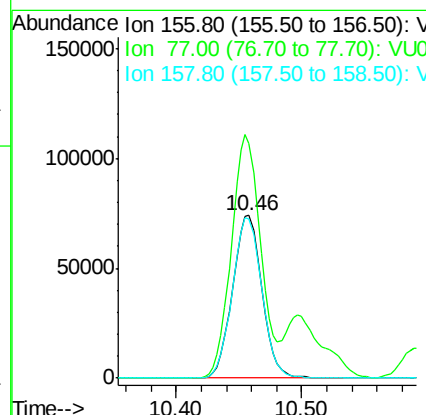
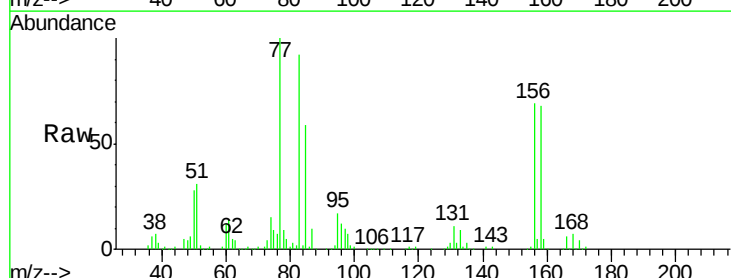
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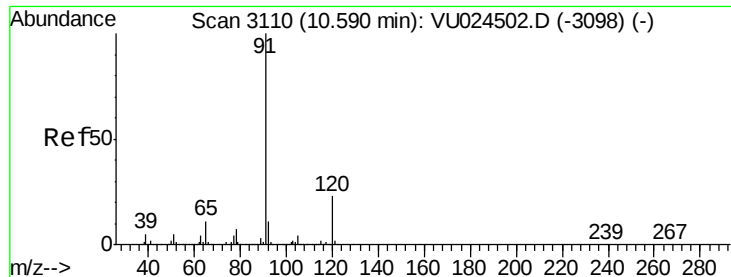
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#77
 Bromobenzene
 Concen: 43.349 ug/l
 RT: 10.46 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Tgt Ion: 156 Resp: 120253
 Ion Ratio Lower Upper
 156 100
 77 149.3 80.5 241.3
 158 99.2 48.2 144.6





#78

n-propylbenzene

Concen: 41.008 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MSD

Tot Ion: 91 Resp: 529333

Ion Ratio Lower Upper

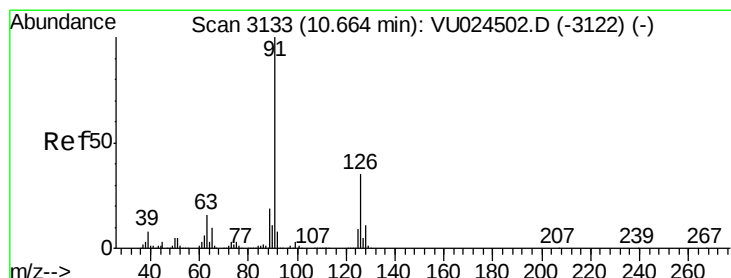
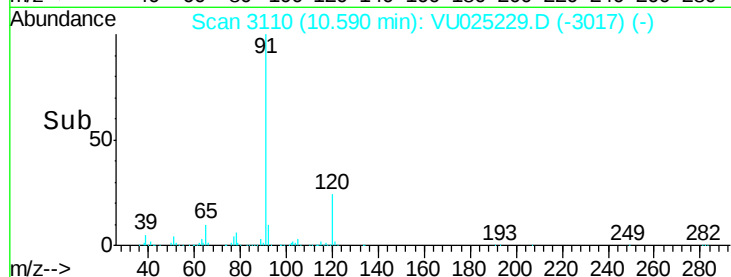
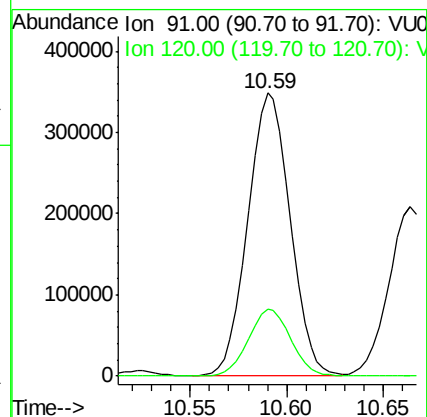
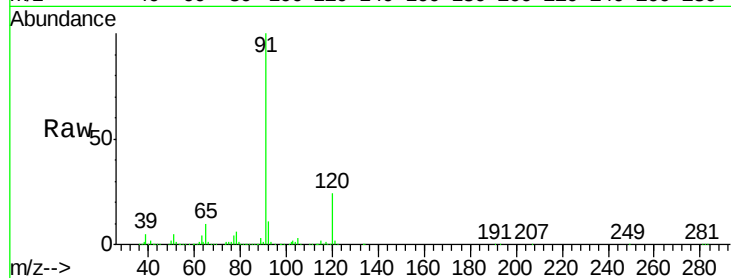
91 100

120 23.8 11.2 33.5

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#79

2-Chlorotoluene

Concen: 42.711 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025229.D

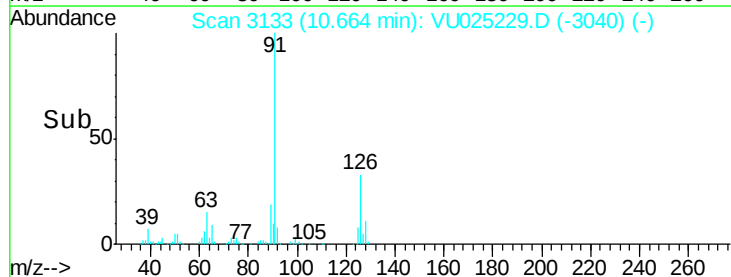
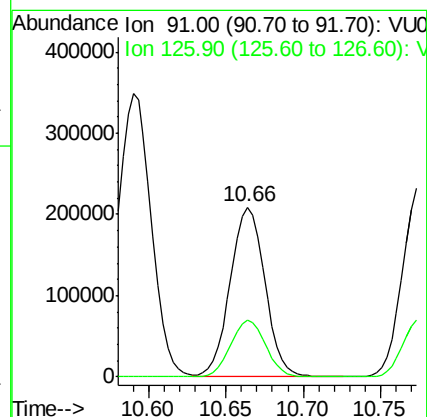
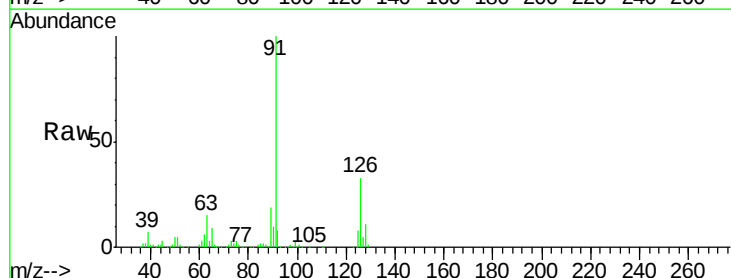
Acq: 05 Jul 2018 20:43

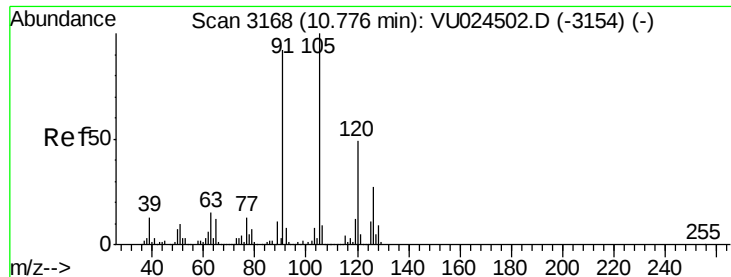
Tgt Ion: 91 Resp: 325121

Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.7





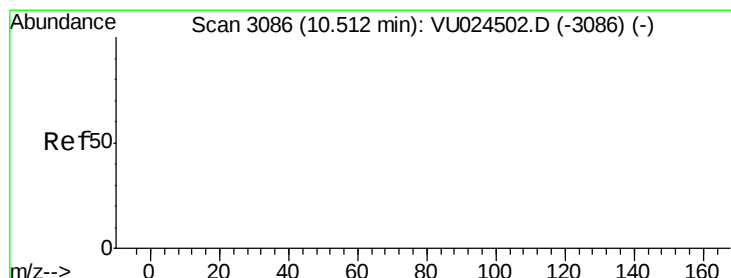
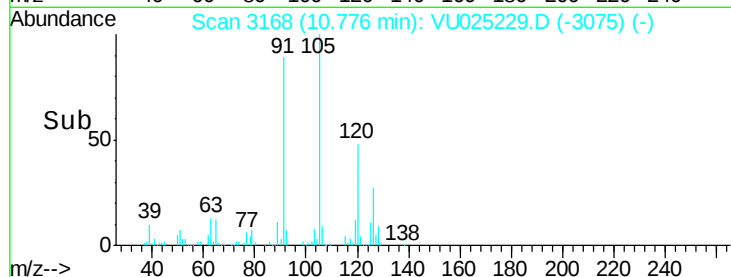
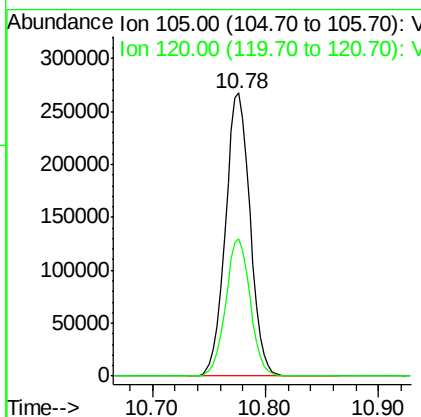
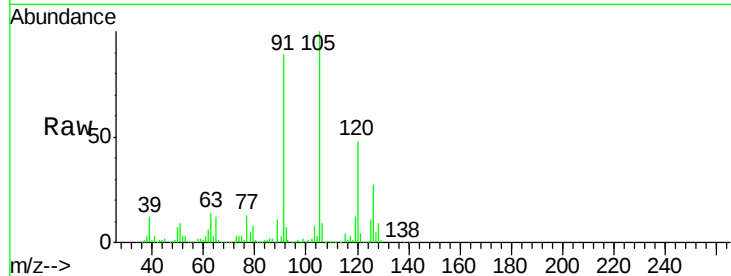
#80
 1,3,5-Trimethylbenzene
 Concen: 42.632 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

Tot Ion: 105 Resp: 404893
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.2

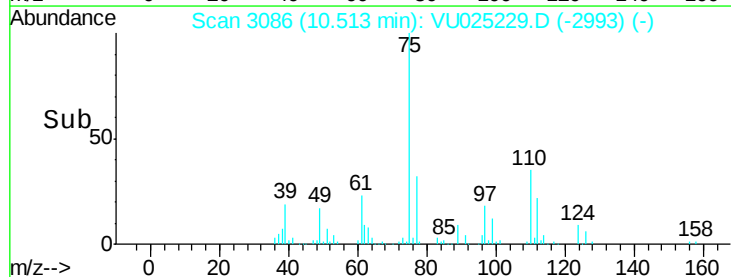
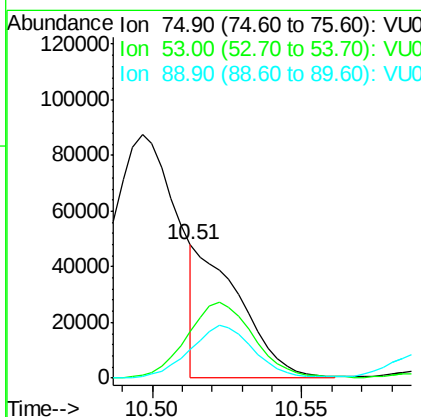
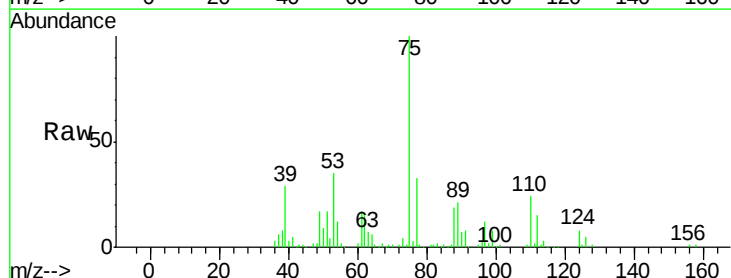
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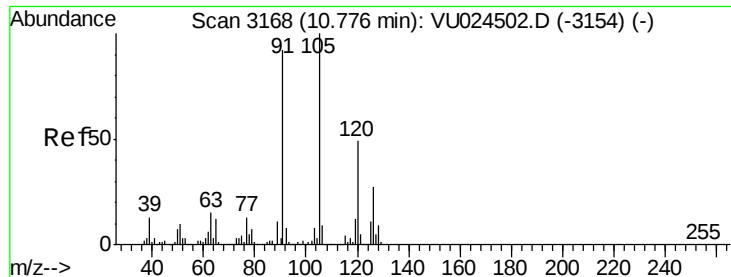
Sam
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 36.583 ug/l m
 RT: 10.51 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Tgt Ion: 75 Resp: 49668
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





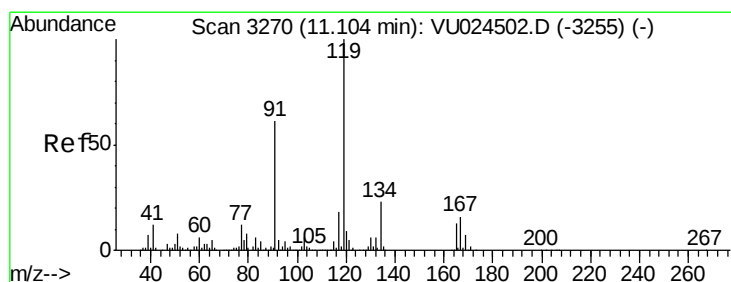
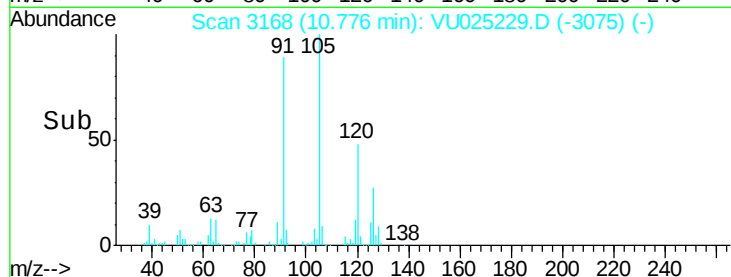
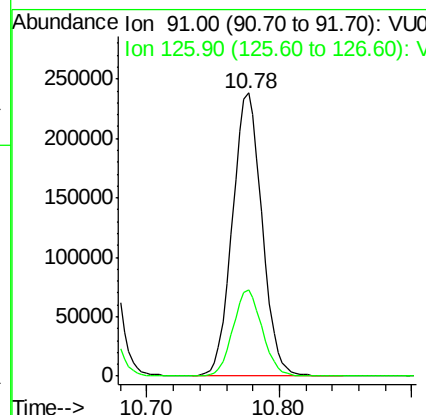
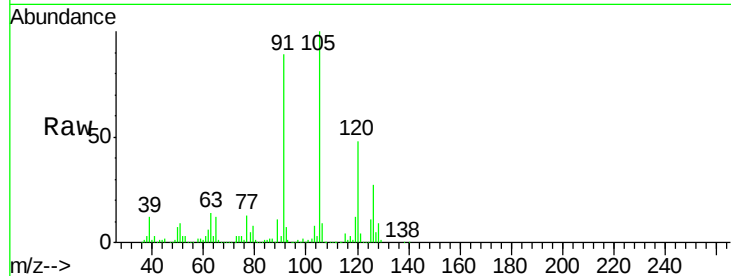
#82
4-Chlorotoluene
Concen: 41.516 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.9	44.9

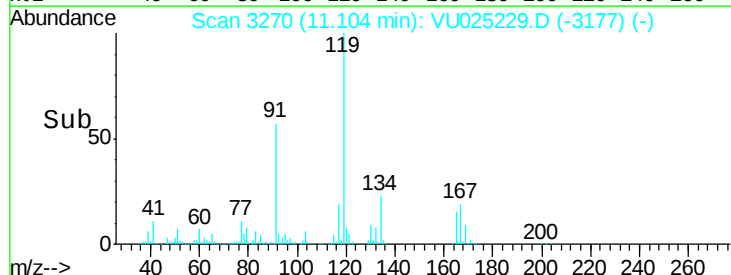
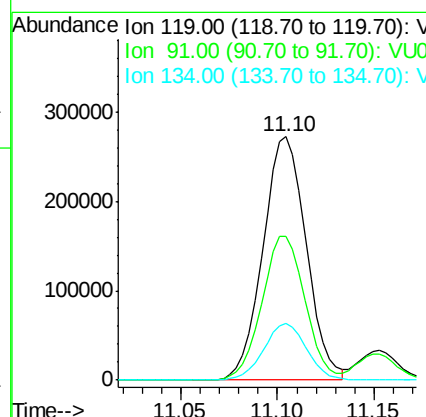
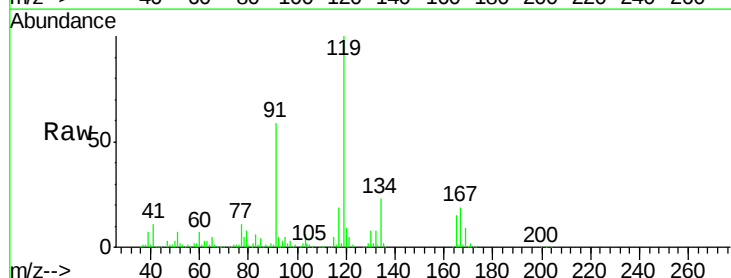
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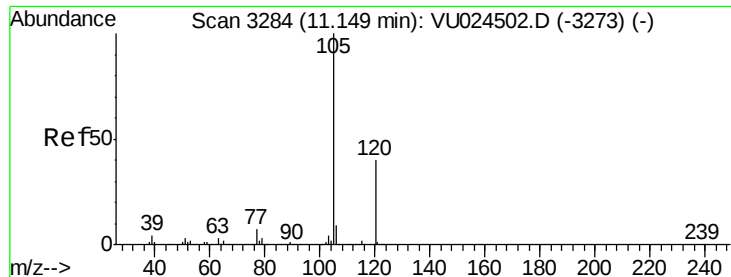
sam
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#83
tert-Butylbenzene
Concen: 46.305 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.3	29.7	89.1
134	23.0	11.6	34.7





#84

1,2,4-Trimethylbenzene

Concen: 42.288 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MSD

Tot Ion:105 Resp: 409298

Ion Ratio Lower Upper

105 100

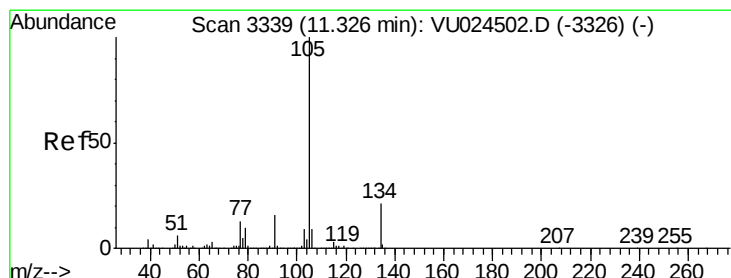
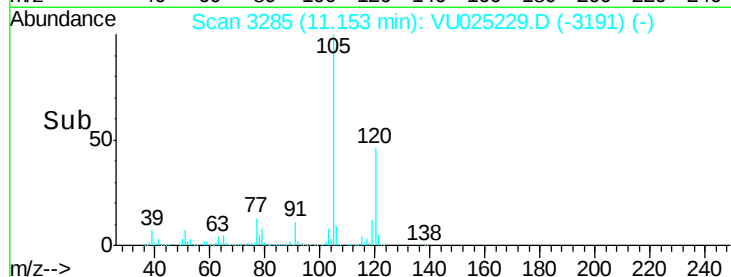
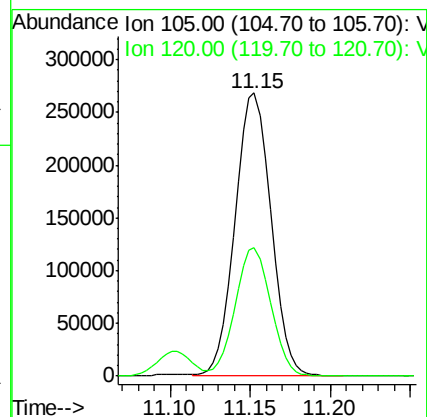
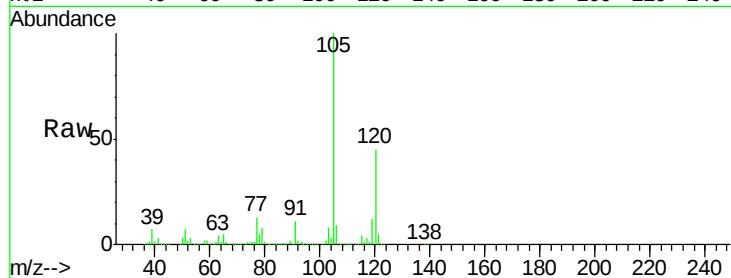
120 45.0 22.6 67.8

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#85

sec-Butylbenzene

Concen: 45.069 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025229.D

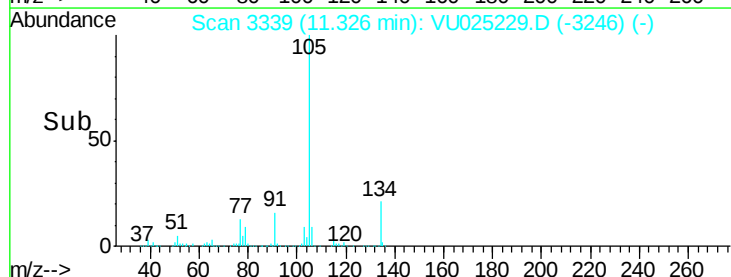
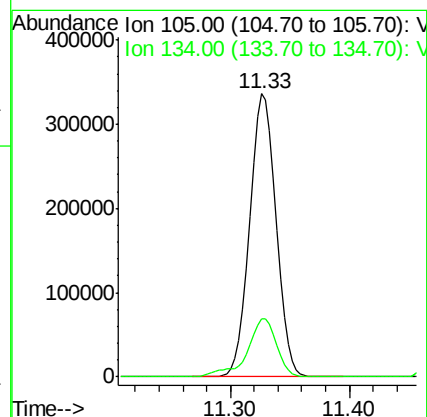
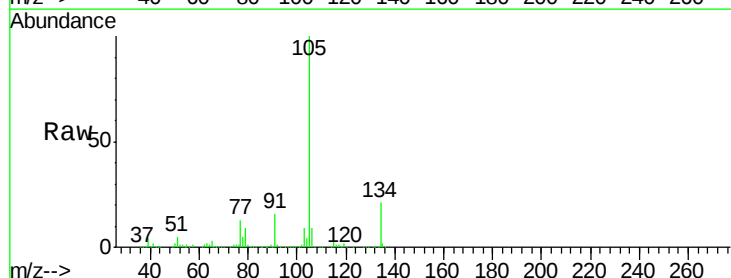
Acq: 05 Jul 2018 20:43

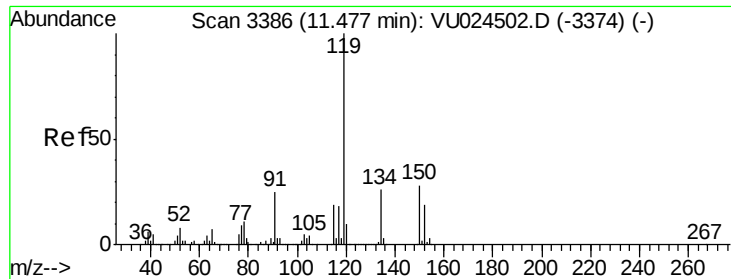
Tgt Ion:105 Resp: 515401

Ion Ratio Lower Upper

105 100

134 23.1 9.7 29.1





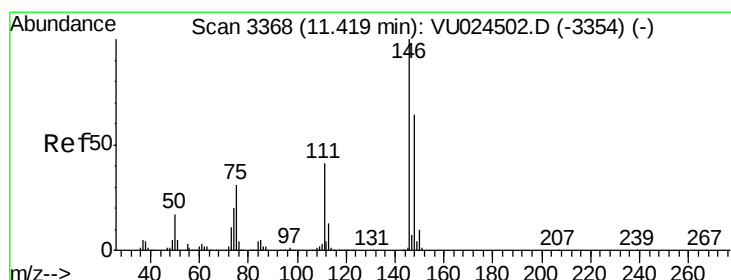
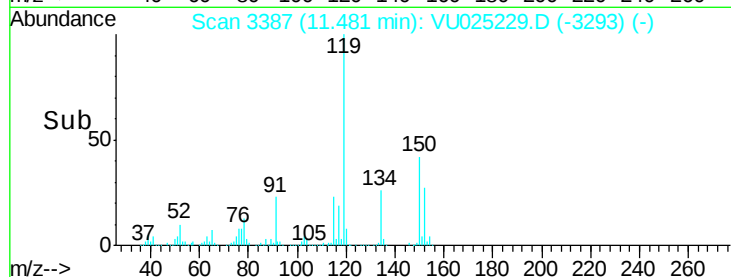
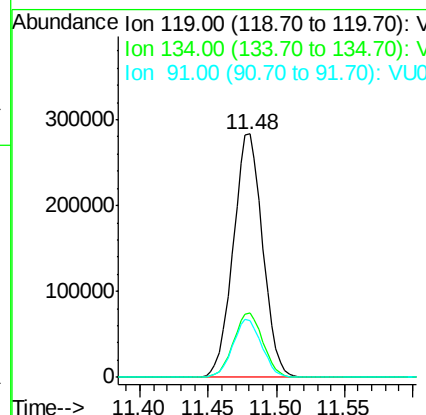
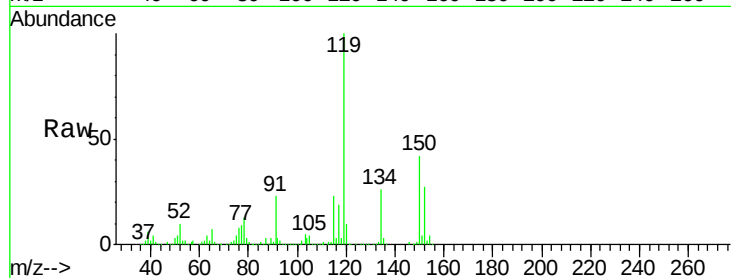
#86
 p-Isopropyltoluene
 Concen: 41.281 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.5	12.9	38.6
91	23.4	12.0	36.1

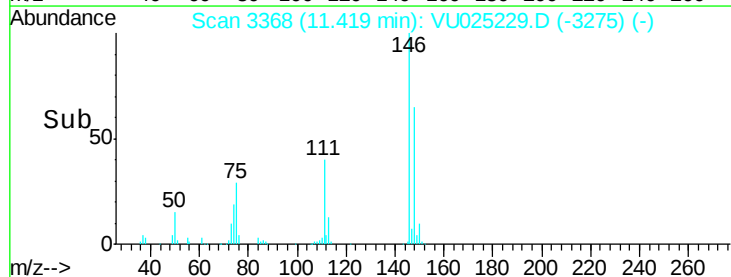
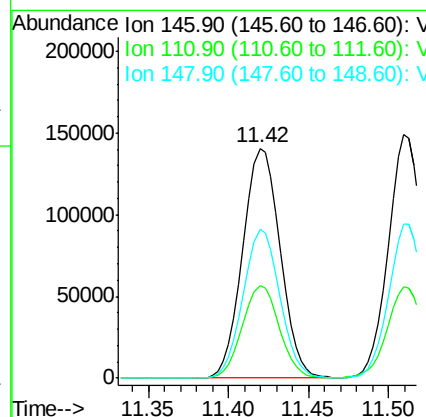
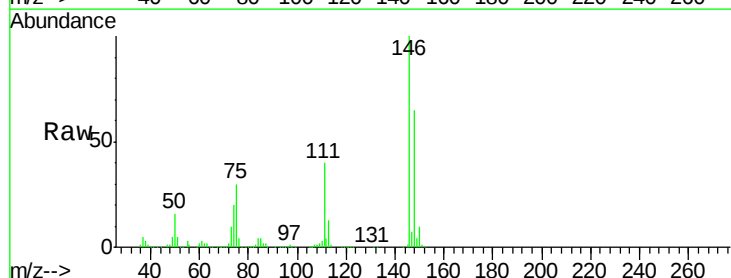
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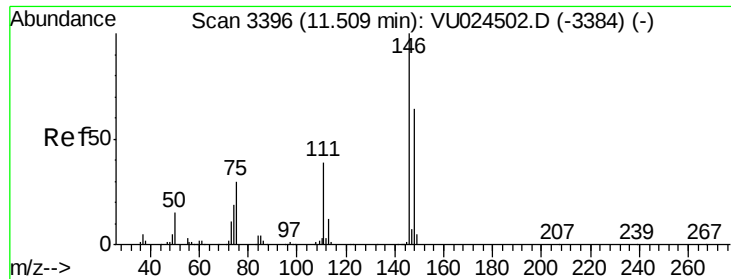
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#87
 1,3-Dichlorobenzene
 Concen: 43.827 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	63.5	32.1	96.5





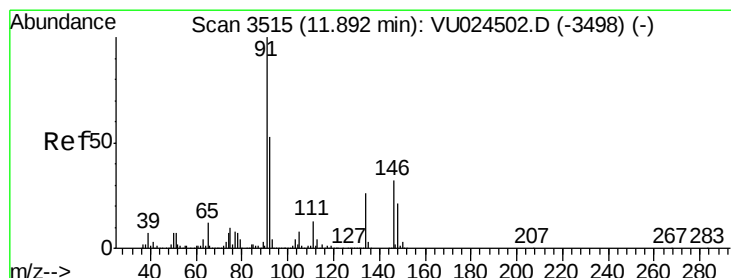
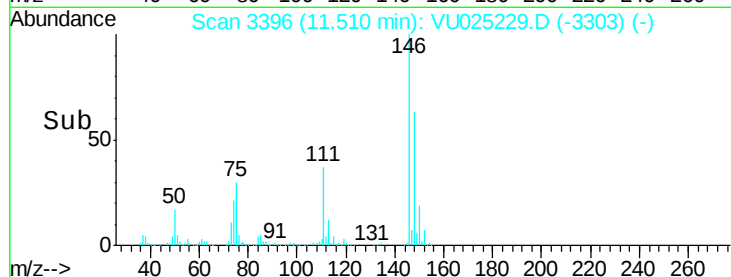
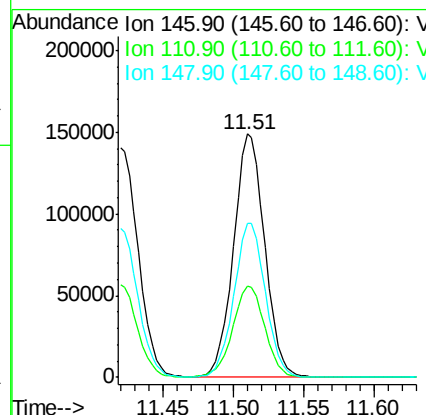
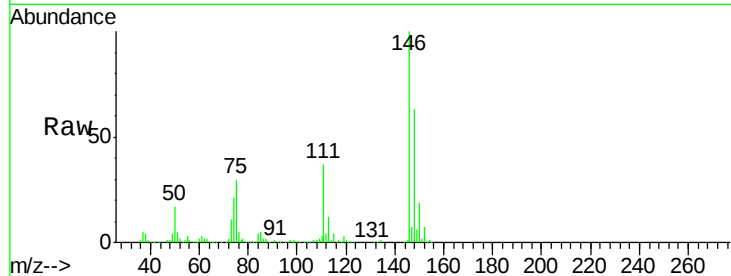
#88
 1,4-Dichlorobenzene
 Concen: 44.482 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	64.4	32.4	97.0

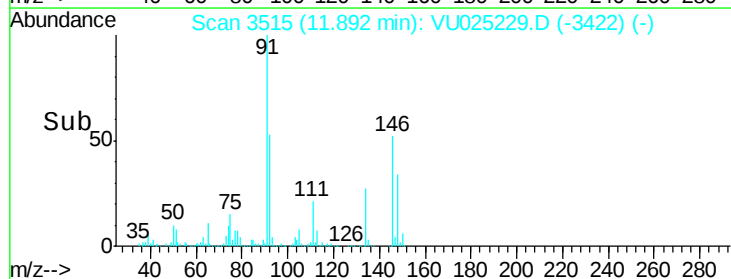
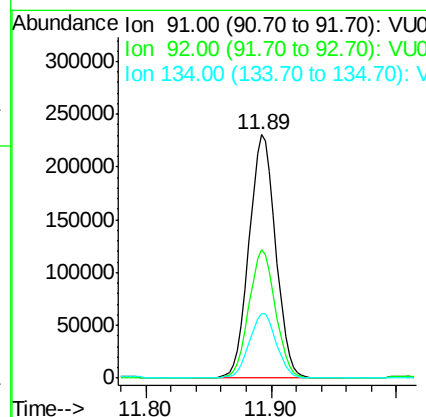
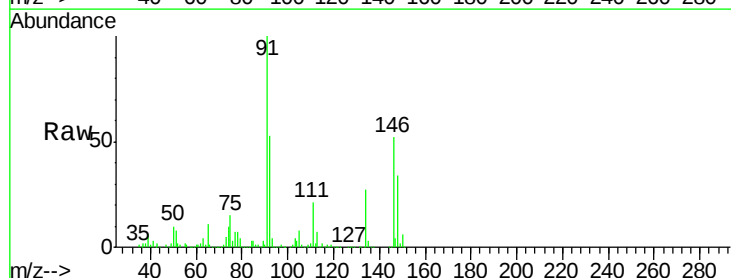
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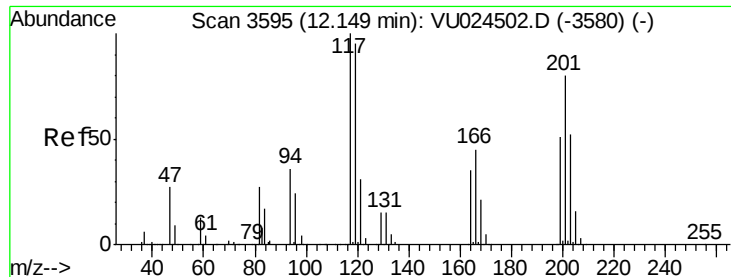
sam
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#89
 n-Butylbenzene
 Concen: 37.524 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.6	76.8
134	27.0	12.3	36.8





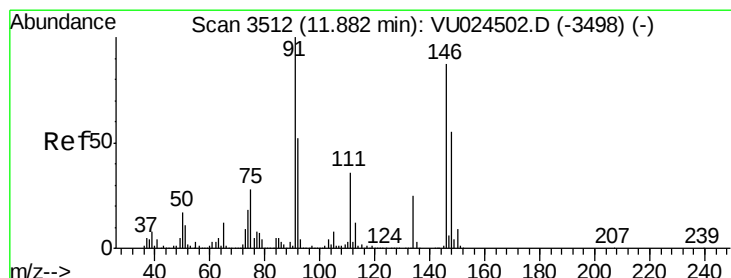
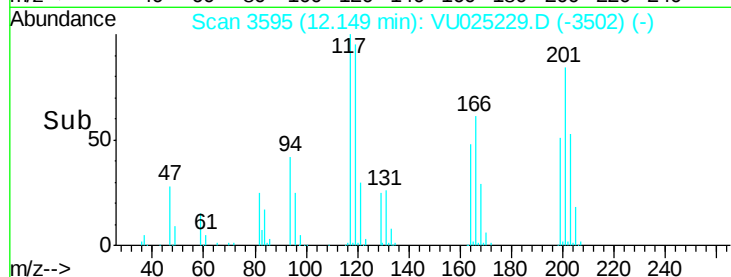
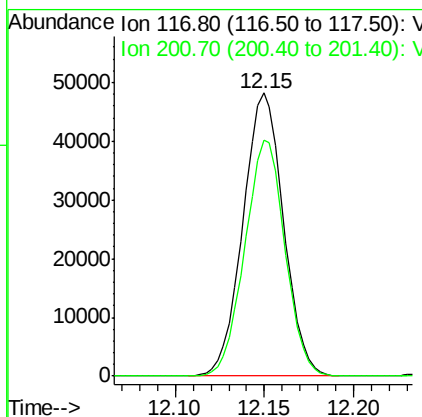
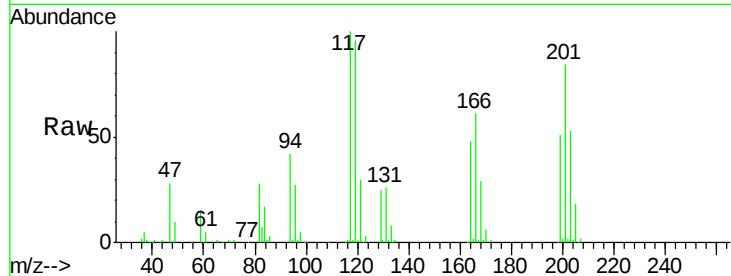
#90
Hexachloroethane
Concen: 38.295 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MSD

Tot Ion:117 Resp: 76512
Ion Ratio Lower Upper
117 100
201 82.6 41.1 123.3

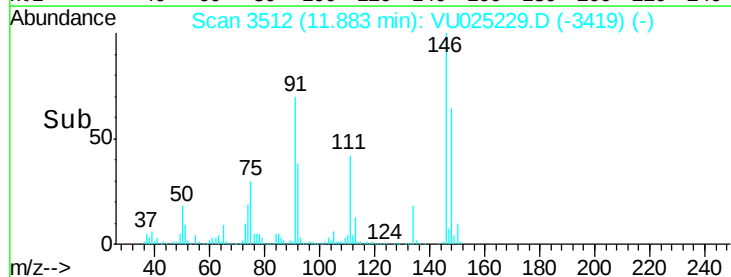
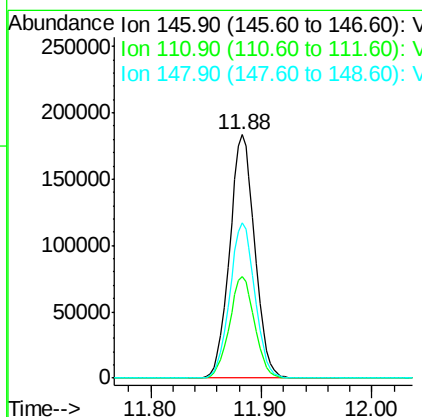
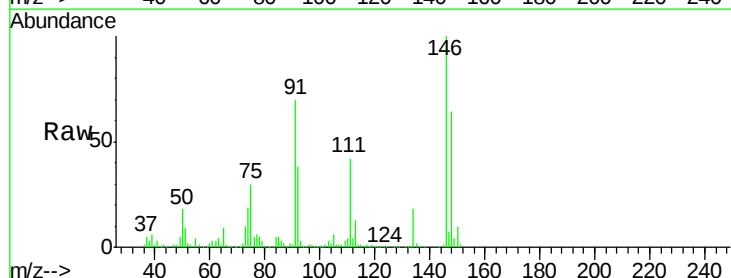
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#91
1,2-Dichlorobenzene
Concen: 56.285 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU025229.D
Acq: 05 Jul 2018 20:43

Tgt Ion:146 Resp: 288939
Ion Ratio Lower Upper
146 100
111 41.6 20.5 61.6
148 63.9 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 42.807 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

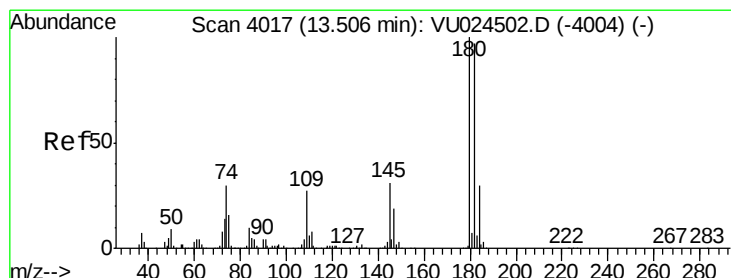
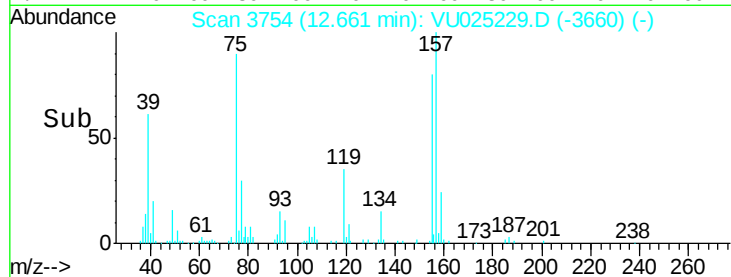
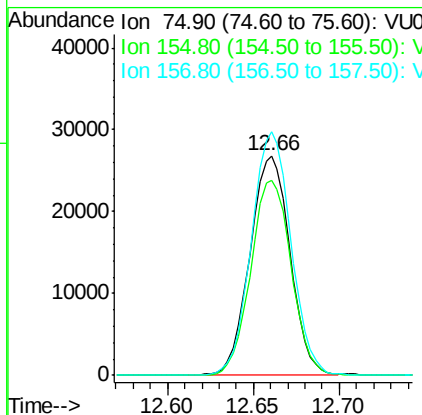
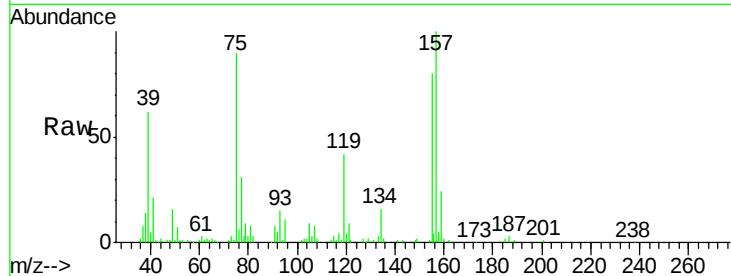
ClientSampleId :

WP021MW470-180628MSD

Tot Ion:	75	Resp:	43372
Ion	Ratio	Lower	Upper
75	100		
155	89.4	40.4	121.2
157	109.5	52.3	156.8

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#93

1,2,4-Trichlorobenzene

Concen: 44.016 ug/l

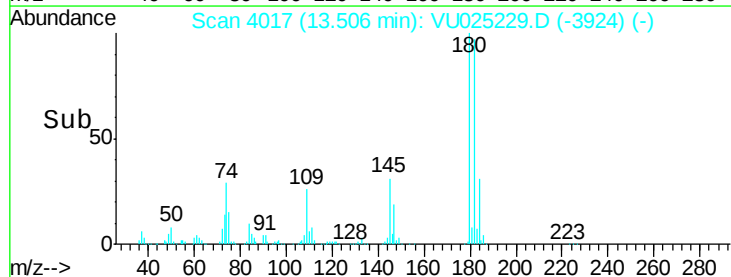
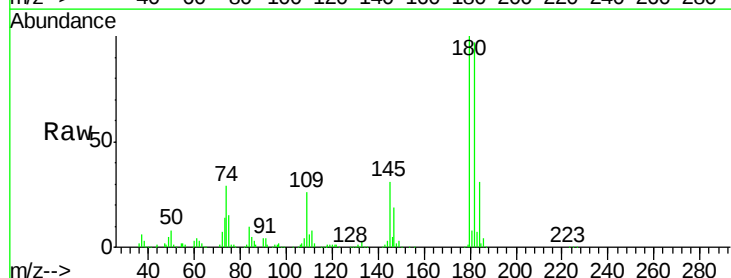
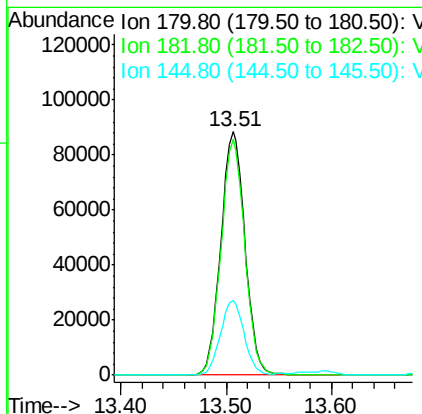
RT: 13.51 min Scan# 4017

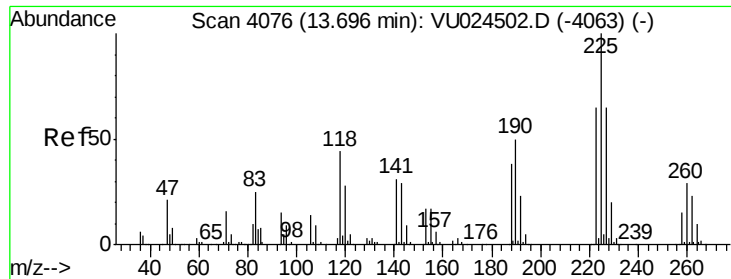
Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Tgt Ion:	180	Resp:	139532
Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.0	144.2
145	30.1	14.7	44.1





#94

Hexachlorobutadiene

Concen: 42.146 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

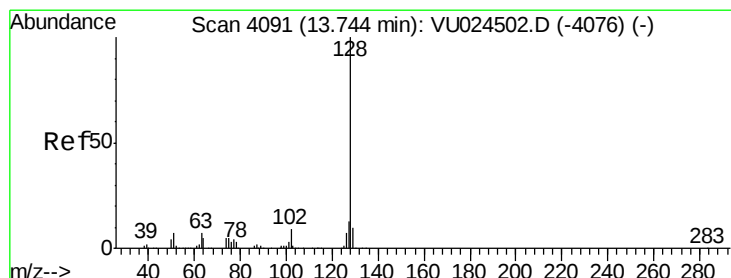
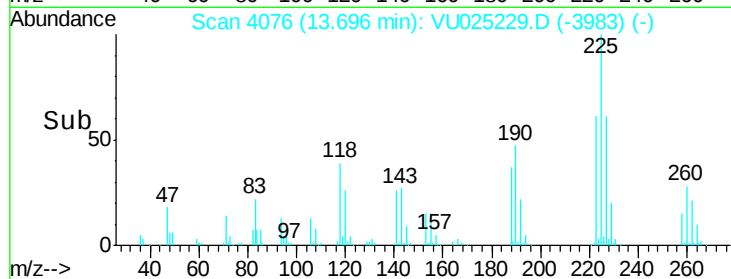
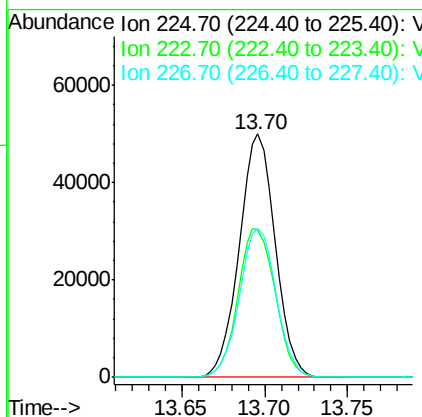
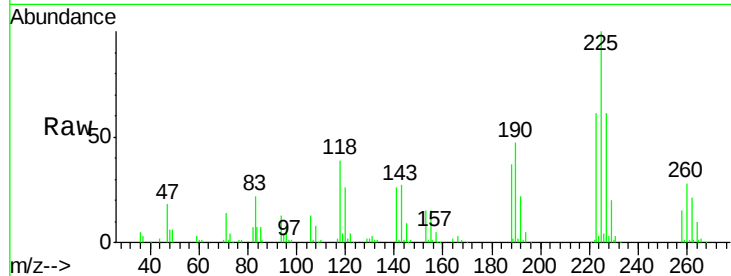
WP021MW470-180628MSD

Tot Ion:	225	Resp:	75199
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.3	93.8
227	62.4	31.8	95.4

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#95

Naphthalene

Concen: 48.149 ug/l

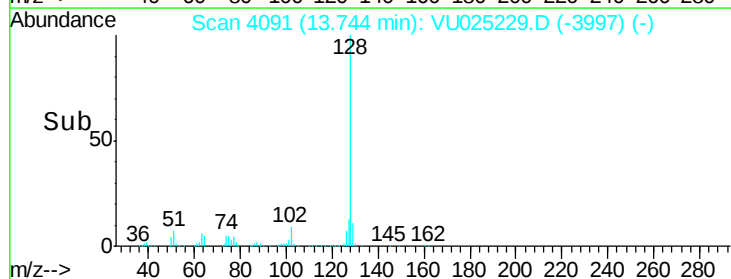
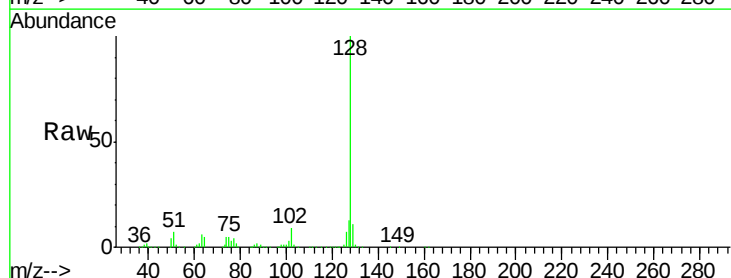
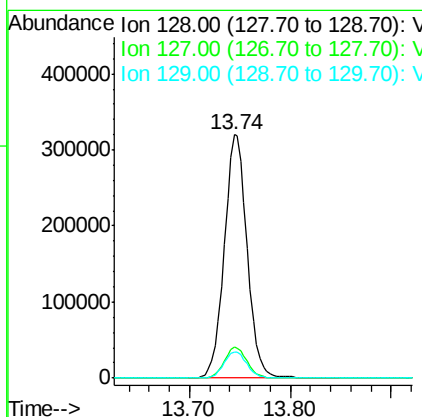
RT: 13.74 min Scan# 4091

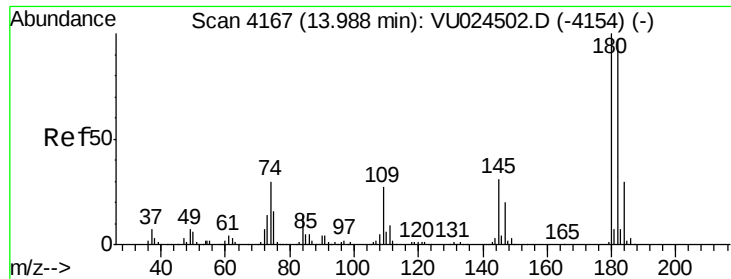
Delta R.T. 0.00 min

Lab File: VU025229.D

Acq: 05 Jul 2018 20:43

Tgt Ion:	128	Resp:	505026
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.9	8.6	12.8





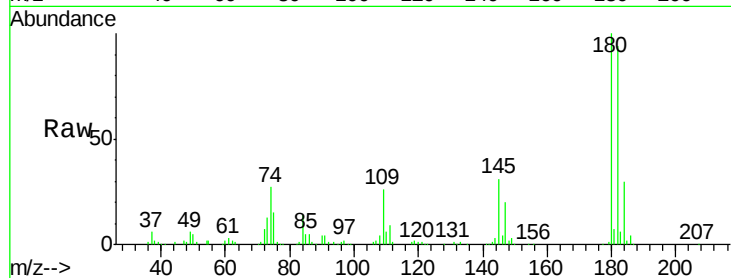
#96
 1,2,3-Trichlorobenzene
 Concen: 48.203 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. 0.00 min
 Lab File: VU025229.D
 Acq: 05 Jul 2018 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.8	47.9	143.7	
145	32.6	15.4	46.1	

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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

